

# GM 66124

DIAMOND DRILL LOGS, CERTIFICATES OF ANALYSIS, MAPS AND DRILL CROSS SECTIONS FOR HOLES MA-09-11 AND MA-10-14 TO MA-11-58, IRON-T VANADIUM-TITANIUM-IRON PROPERTY

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Énergie et Ressources  
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Québec 

**IRON-T VANADIUM-TITANIUM-IRON PROPERTY  
MATAGAMI AREA, QUEBEC, CANADA**

**DIAMOND DRILL LOGS, CERTIFICATES OF ANALYSIS,  
MAPS & DRILL CROSS SECTIONS FOR HOLES  
MA-09-11 AND MA-10-14 TO MA-11-58**

**Prepared for**

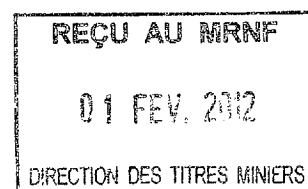
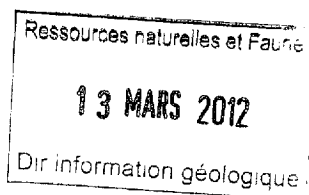
**APELLA RESOURCES INC.  
1600-543 Granville St.  
Vancouver, BC  
Canada V6C 1X8**

**by**

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J6T 6N2**

**GM66 124**

**January 24th, 2012**



1169196  
1169198

## **DIAMOND DRILL LOGS**

## Apella Resources Inc.

**DDH: MA-09-11**

Claims title: CDC 109863

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: Roger Moar

From: 2009-10-31

Description date: 2010-05-27

To: 2010-05-27

**Collar**

Azimuth: 359.57°  
Dip: -43.25°  
Length: 306.00 m

**UTM**

East	324 968.93
North	5 511 605.74
Elevation	294.20

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	150.49		-46.00°	No
Acid	225.00		-47.00°	No
Acid	281.00		-47.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 6 m of casing left in place. Hole terminated at 150.49 m on November 1st, 2009 and extended a depth of 306 m between May 26 and May 27, 2010.

Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:

25.18-27.18: 56.83% Fe2O3, 10.40% TiO2, 0.39% V (0.69% V2O5 equivalent) over 2.00 m;

29.18-34.50: 48.71% Fe2O3, 8.05% TiO2, 0.28% V (0.51% V2O5 equivalent) over 5.32 m;

35.49-37.49: 49.80% Fe2O3, 8.28% TiO2, 0.29% V (0.52% V2O5 equivalent) over 2.00 m;

41.27-46.88: 49.22% Fe2O3, 8.06% TiO2, 0.28% V (0.50% V2O5 equivalent) over 5.61 m;

117.66-120.16: 49.73% Fe2O3, 9.14% TiO2, 0.35% V (0.63% V2O5 equivalent) over 2.50 m;

Core size: NQ core

Cemented: No

Stored: Yes

## Apella Resources Inc.

124.91-126.91: 43.25% Fe<sub>2</sub>O<sub>3</sub>, 7.60% TiO<sub>2</sub>, 0.28% V (0.51% V<sub>2</sub>O<sub>5</sub> equivalent) over 2.00 m;  
128.16-130.46: 41.76% Fe<sub>2</sub>O<sub>3</sub>, 7.21% TiO<sub>2</sub>, 0.29% V (0.51% V<sub>2</sub>O<sub>5</sub> equivalent) over 2.30 m;  
135.76-138.76: 51.92% Fe<sub>2</sub>O<sub>3</sub>, 9.87% TiO<sub>2</sub>, 0.35% V (0.63% V<sub>2</sub>O<sub>5</sub> equivalent) over 3.00 m;  
139.76-140.76: 45.56% Fe<sub>2</sub>O<sub>3</sub>, 8.61% TiO<sub>2</sub>, 0.31% V (0.55% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.00 m;  
142.76-144.76: 48.66% Fe<sub>2</sub>O<sub>3</sub>, 8.29% TiO<sub>2</sub>, 0.29% V (0.52% V<sub>2</sub>O<sub>5</sub> equivalent) over 2.00 m;  
154.24-155.49: 42.82% Fe<sub>2</sub>O<sub>3</sub>, 7.52% TiO<sub>2</sub>, 0.28% V (0.50% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m;  
166.74-172.99: 47.00% Fe<sub>2</sub>O<sub>3</sub>, 8.45% TiO<sub>2</sub>, 0.28% V (0.50% V<sub>2</sub>O<sub>5</sub> equivalent) over 6.25 m;  
176.74-177.99: 48.28% Fe<sub>2</sub>O<sub>3</sub>, 8.44% TiO<sub>2</sub>, 0.28% V (0.50% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m;  
184.24-186.74: 47.06% Fe<sub>2</sub>O<sub>3</sub>, 7.89% TiO<sub>2</sub>, 0.29% V (0.52% V<sub>2</sub>O<sub>5</sub> equivalent) over 2.50 m;  
187.59-188.44: 56.60% Fe<sub>2</sub>O<sub>3</sub>, 10.86% TiO<sub>2</sub>, 0.38% V (0.68% V<sub>2</sub>O<sub>5</sub> equivalent) over 0.85 m;  
193.32-220.50: 62.31% Fe<sub>2</sub>O<sub>3</sub>, 12.51% TiO<sub>2</sub>, 0.34% V (0.61% V<sub>2</sub>O<sub>5</sub> equivalent) over 27.18 m;  
229.25-230.50: 52.88% Fe<sub>2</sub>O<sub>3</sub>, 10.29% TiO<sub>2</sub>, 0.28% V (0.50% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m;  
235.50-238.00: 53.64% Fe<sub>2</sub>O<sub>3</sub>, 10.01% TiO<sub>2</sub>, 0.28% V (0.51% V<sub>2</sub>O<sub>5</sub> equivalent) over 2.50 m;  
280.00-284.25: 57.26% Fe<sub>2</sub>O<sub>3</sub>, 8.73% TiO<sub>2</sub>, 0.29% V (0.51% V<sub>2</sub>O<sub>5</sub> equivalent) over 3.75 m.

# Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	5.62	OV <b>Overburden</b> 6 m of casing left in place									
5.62	9.45	I2J; MG; EQU; FR <b>Diorite; Medium-grained; Equigranular; Fractured</b> Greenish grey, weakly foliated (40° CA), fine-grained (1 mm) diorite; composed of 45% subedral green CL+ AM, 45% light grey PG and 10% K FP; Tr of disseminated; QZ-EP stringers (2 mm) following CA at very low angle CA; strongly fractured at 42° CA with LM stains; non magnetic unit									
9.45	10.00	APH I2; FO; VFG; POR <b>Aphanitic intermediate rock; Foliated; Very fine-grained; Porphyritic</b> Dark green, well foliated ( 25° CA), aphanitic to very fine-grained intermediate rock; 5% anedral FP phenocrysts (1-2 mm) oriented along foliation; 0.5% PY finely disseminated along foliation; contacts at 25° CA									
10.00	16.15	I3A; MG <b>Gabbro; Medium-grained</b> Medium-grey, weakly foliated (55° CA), medium-grained (3-4 mm) gabbro composed of equal amount of beige and light grey subedral PG and green CL+ AM; <1% disseminated iron oxides; moderately fractured at 30° and 70° CA with LM stains; upper contact is strongly fractured and sheared with potassic alteration of PG; L/C at 38° CA	14.90	16.15	113007	1.25	12.45	1.22	0.06	0.11	
16.15	25.23	I3AMG; MG <b>Ferrogabbro; Medium-grained</b> Medium-grey, poorly foliated, equigranular, medium-grained (2-3 mm) ferrogabbro; composed of 10-20% iron oxides and equal amount of SR+ PG and green CL+ AM; Tr to 3% PO with minor CP; few fractures occur at 35° and 40° (opposite); minor anorthosite interlayer (5 cm) mineralized with PO (3%) with contacts oriented at 35° CA (e.g. 19.71-19.76)	16.15	17.18	113008	1.03	21.47	2.49	0.11	0.20	
			17.18	18.43	113009	1.25	21.54	2.61	0.11	0.20	
			18.43	19.68	113010	1.25	23.82	2.41	0.10	0.18	
			19.68	20.93	113011	1.25	27.96	3.39	0.15	0.27	
			20.93	22.18	113012	1.25	17.73	1.42	0.07	0.12	
			22.18	23.18	113013	1.00	30.57	3.06	0.13	0.23	
			23.18	24.18	113014	1.00	39.59	5.46	0.23	0.41	
			24.18	25.18	113015	1.00	25.06	3.33	0.13	0.23	
			25.18	26.18	113016	1.00	51.15	9.35	0.33	0.59	

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
25.23	38.28	SMIOL; MIOL; MG	26.18	27.18	113017	1.00	62.50	11.45	0.44	0.79
		<b>Semi-massive iron oxide layer; Massive iron oxide layer; Medium-grained</b>	27.18	28.18	113018	1.00	35.44	5.14	0.20	0.36
		Semi-massive to massive (30-85%) iron oxides mineralization; associated with medium-grained (1-2 mm) altered ferrogabbro composed of varying proportions of MG, SR and CL; 1% disseminated PO; poorly to moderately fractured (35°, 65° and 25° CA); CL filling fractures; magmatic layering oriented at 32-35° CA; massive (75%) iron oxides layers were intersected at 25.25-25.38, 25.68-26.00, 26.50-26.90, 33.80-34.08 and 34.26-34.34	28.18	29.18	113019	1.00	31.34	4.46	0.17	0.30
			29.18	30.18	113020	1.00	40.97	6.63	0.24	0.43
			30.18	31.18	113021	1.00	46.58	7.61	0.27	0.48
			31.18	32.18	113022	1.00	46.69	7.39	0.26	0.46
			32.18	33.18	113023	1.00	46.38	7.13	0.25	0.45
			33.18	34.50	113024	1.32	59.50	10.66	0.37	0.66
34.50	35.49	I1D; MG	34.50	35.49	113025	0.99	2.37	0.13	0.01	0.02
		<b>Tonalite; Medium-grained</b>	35.49	36.49	113026	1.00	47.51	7.88	0.27	0.48
		Pale grey, well foliated (62° CA), equigranular, medium-grained (2mm) tonalitic dyke; composed of 70% PG, 25% QZ and <5% mafic minerals (BO±CL); U/C grinded; L/C oriented at 55° CA	36.49	37.49	113027	1.00	52.08	8.67	0.31	0.55
			37.49	38.28	113028	0.79	45.83	7.16	0.25	0.45
38.28	41.27	I3G; I3I; I3A; VCG	38.28	39.28	113029	1.00	17.07	1.88	0.07	0.12
		<b>Anorthositic gabbro; Gabbro; Very coarse-grained</b>	39.28	40.28	113031	1.00	17.15	1.52	0.05	0.09
		Heterogeneous unit comprises very coarse-grained (0.5-1 cm) varying from anorthositic to gabbroic in composition; composed of subbedral light grey PG, CL+ AM and small amount of MG as intercumulate material; magmatic layering oriented at 40-45° CA; few fractures at 43° CA with CL filling; Tr-3% disseminated PO; L/C at 44° CA	40.28	41.27	113032	0.99	18.54	1.92	0.06	0.11
41.27	46.88	SMIOL; MG	41.27	42.27	113033	1.00	44.26	6.79	0.23	0.41
		<b>Semi-massive iron oxide layer; Medium-grained</b>	42.27	43.27	113034	1.00	49.50	8.19	0.27	0.48
		Same as 25.23-38.28; overall 35-40% iron oxides; with minor massive (50-90%) iron oxides layers (<5 cm) oriented at 33° CA; Tr to 2% disseminated PO; L/C oriented at 28° CA;	43.27	44.27	113035	1.00	51.05	8.51	0.28	0.50
			44.27	45.27	113036	1.00	51.45	8.60	0.28	0.50
			45.27	46.27	113037	1.00	50.70	8.58	0.32	0.57
46.88	52.10		46.27	46.88	113038	0.61	47.77	7.47	0.33	0.59
		I3I	46.88	47.88	113039	1.00	21.09	3.11	0.12	0.21
		<b>Anorthositic gabbro</b>	47.88	49.38	113040	1.50	8.12	1.07	0.04	0.07
		Pale grey and green with speckled aspect; poorly foliated, medium-grained (4-5 mm) anorthositic gabbro	49.38	49.88	113041	0.50	7.24	0.72	0.03	0.05

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
49.65	49.68	<p>composed of 75% light grey subedral PG and 25% CL+ AM as intercumulate material; 1% iron oxides; Tr of disseminated SF; poorly fractured rock; gradational contact to the underlying unit</p> <p>VEI;;Qz;;;; <b>Vein Quartz</b> Strongly fractured QZ vein with strongly AB+ wallrocks</p>	49.88	51.38	113042	1.50	8.98	0.92	0.05	0.09
52.10	75.20	<p>I3A; EQU; MG <b>Gabbro; Equigranular; Medium-grained</b> Homogeneous unit; medium-grey, massive, medium-grained (3 mm) gabbro composed of 55-65% subedral light grey PG and 35-45% CL+ mafic mineral as intergrowth material; moderately magnetic unit with 3-5% disseminated iron oxides; poorly fractured unit (17° and 34° CA); L/C at 30° CA</p>								
75.20	89.35	<p>APH I2 <b>Aphanitic intermediate rock</b> Medium grey, aphanitic to very fine-grained mafic rock; microporphyritic with &lt;1% anedral PG phenocrysts (1 mm) set in a mafic groundmass; very pale grey alteration associated to microfractures oriented at 23° and 50° CA with CB filling; poorly fractured rock; non magnetic unit; L/C at 20° CA</p>								
89.35	95.70	<p>I3I; I3H; CG <b>Anorthositic gabbro; Gabbroic anorthosite; Coarse-grained</b> Heterogeneous unit comprises medium-grained (4-5 mm) anorthositic gabbro and gabbroic anorthosite composed of 75-85% light grey and beige subedral PG and 15-25% green CL+ AM as intercumulate material; poorly developed foliation (53° CA); gradational change from one unit to another; Tr of disseminated SF; poorly fractured at 25° and 45° CA</p>								
95.70	97.68	<p>I1D; MG; SHR <b>Tonalite; Medium-grained; Sheared</b> Light grey, moderately to well foliated (52° CA), fine to medium-grained (&lt;1 mm), sheared tonalite; mostly composed of FP and QZ with less than 5% mafic minerals; deformed with FP and QZ stretched and</p>								



# Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
97.68	117.66	elongated along foliation; U/C cataclased and S1+ oriented at 35° CA; L/C at 30° CA I3A; MG <b>Gabbro; Medium-grained</b> Greyish green, medium-grained (3 mm), gabbro composed of equal amount of dark green CL+ AM and light grey PG; Tr to 1% disseminated SF (PO-PY); low iron oxides content; disseminated (10%) iron oxides mineralization were observed in centimetric to pluricentimetric (<3 cm) wide layers oriented at 30° CA								
107.44	108.92	I1D; I1B; FG <b>Tonalite; Granite; Fine-grained</b> Light grey to pale rose, weakly foliated (62° CA), fine-grained (1 mm) tonalitic to granitic intrusion; mainly composed of PG, K FP, QZ and 2-7% mafic minerals (BO-CL) aligned along foliation; U/C at 25° CA; L/C at 43° CA								
110.39	110.86	I1D; MG <b>Tonalite; Medium-grained</b> Grey, medium-grained (1-2 mm) tonalitic injection; mostly composed of PG and QZ and 15% BO; U/C at 82° CA; L/C at 61° CA								
113.00	113.40	MIOL; I1B <b>Massive iron oxide layer; Granite</b> Massive iron oxides (70-90%) layer with contacts oriented at 62° CA; crosscutted by a pale rose, medium-grained (2 mm) granitic material; CL-PO filling fractures	116.41	117.66	113043	1.25	17.45	1.64	0.07	0.12
117.66	150.49	SMIOL; MIOL <b>Semi-massive iron oxide layer; Massive iron oxide layer</b> Alternance of disseminated, semi-massive and massive (up to 80%) iron oxides layers associated with medium-grained altered ferrogabbro composed of variable amount of iron oxides, SR and CL; approximately 10% massive iron oxide layers (2-30 cm along CA) with contacts oriented at 25-30° CA (e.g. 124.92-125.19, 126.25-126.55, 129.10-129.34, 136.47-136.62, 137.58-137.79, 140.00-140.26,	117.66	118.91	113044	1.25	48.93	8.96	0.34	0.61
			118.91	120.16	113045	1.25	50.52	9.31	0.36	0.64
			120.16	121.41	113046	1.25	32.44	5.01	0.19	0.34
			121.41	122.66	113047	1.25	22.95	2.92	0.11	0.20
			122.66	123.91	113048	1.25	28.55	4.22	0.17	0.30
			123.91	124.91	113049	1.00	32.19	5.14	0.20	0.36
			124.91	125.91	113050	1.00	48.22	9.05	0.34	0.61
			125.91	126.91	113101	1.00	38.27	6.15	0.23	0.41
			126.91	128.16	113102	1.25	28.01	4.13	0.16	0.29

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
145.50-145.62) and 45% pluricentimetric to plurimetric disseminated iron oxides mineralization (3-5%) (e.g 127.15-128.78, 130.54-135.59, 145.62-148.05); 2-3% disseminated PO with Tr amount of CP; poorly to moderately fractured at 25°, 35° and 40° CA; very good core recovery			128.16	129.46	113103	1.30	40.21	6.59	0.27	0.48
			129.46	130.46	113104	1.00	43.78	8.01	0.31	0.55
			130.46	131.71	113105	1.25	23.42	3.09	0.12	0.21
			131.71	132.96	113106	1.25	30.39	4.52	0.17	0.30
			132.96	134.21	113107	1.25	18.65	2.28	0.09	0.16
			134.21	135.76	113108	1.55	29.49	4.63	0.17	0.30
			135.76	136.76	113109	1.00	47.19	8.68	0.31	0.55
			136.76	137.76	113110	1.00	58.00	11.25	0.41	0.73
			137.76	138.76	113111	1.00	50.58	9.69	0.34	0.61
			138.76	139.76	113112	1.00	30.07	4.76	0.17	0.30
			139.76	140.76	113113	1.00	45.56	8.61	0.31	0.55
			140.76	141.76	113114	1.00	28.31	4.31	0.15	0.27
			141.76	142.76	113115	1.00	27.60	3.95	0.14	0.25
			142.76	143.76	113116	1.00	51.11	9.12	0.32	0.57
			143.76	144.76	113117	1.00	46.20	7.45	0.26	0.46
			144.76	145.76	113118	1.00	34.61	4.76	0.18	0.32
			145.76	147.01	113119	1.25	23.76	1.95	0.08	0.14
147.01	148.01	113120	1.00	29.22	3.59	0.14	0.25			
148.01	149.01	113121	1.00	33.43	5.11	0.17	0.30			
149.01	150.49	113122	1.48	37.53	5.76	0.20	0.36			
150.49	188.44	DIOL; SMIOI; MIOI <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous MG mineralization associated with a medium-grained (2 mm) SR+ and CL+ ferrogabbro; alteration is proportional to the iron oxide content; mineralization consists of interlayered, heavily disseminated (15-20%) and semi-massive (40%), decimetric to pluridecimetric wide, layers; Tr to 1% disseminated SF; magmatic layering (20-30° CA) well defined by variation of iron oxides content; presence of CB stringers oriented at 15° CA; few massive PO veins (3-4 cm) have been intersected; moderately to poorly fractured unit (35°, 44°, 50° CA); excellent core recovery	150.49	151.74	1049683	1.25	43.61	7.62	0.27	0.48
151.00	151.01	ML	151.74	152.99	1049684	1.25	39.13	6.74	0.24	0.43

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		<b>Magmatic layering 30°</b>	152.99	154.24	1049685	1.25	39.77	6.79	0.25	0.45
		Magmatic layering oriented at 30° CA	154.24	155.49	1049686	1.25	42.82	7.52	0.28	0.50
			155.49	156.74	1049687	1.25	32.73	4.97	0.19	0.34
			156.74	157.99	1049688	1.25	25.89	3.68	0.15	0.27
			157.99	159.24	1049689	1.25	33.87	5.62	0.22	0.39
			159.24	160.49	1049690	1.25	38.95	6.52	0.24	0.43
160.00	160.01	ML	160.49	161.74	1049691	1.25	37.24	6.10	0.22	0.39
		<b>Magmatic layering 35°</b>	161.74	162.99	1049692	1.25	33.43	5.14	0.19	0.34
		Magmatic layering oriented at 35° CA	162.99	164.24	1049693	1.25	43.27	7.61	0.26	0.46
			164.24	165.49	1049694	1.25	42.72	7.25	0.26	0.46
			165.49	166.74	1049695	1.25	39.65	6.63	0.22	0.39
166.58	166.61	VEI;3;;;40°;Po95;	166.74	167.99	1049696	1.25	52.15	9.73	0.32	0.57
		<b>Vein 3 40° Pyrrhotine95%</b>	167.99	169.24	1049697	1.25	46.02	7.69	0.27	0.48
		Massive PO vein (3 cm) oriented at 40° CA								
169.19	169.23	VEI;4;;;57°;Po50;	169.24	170.49	1049698	1.25	49.47	9.01	0.30	0.54
		<b>Vein 4 57° Pyrrhotine50%</b>								
		Massive PO vein (4 cm) oriented at 57° CA								
169.40	169.41	ML	170.49	171.74	1049699	1.25	41.02	7.12	0.23	0.41
		<b>Magmatic layering 26°</b>								
		Magmatic layering oriented at 26° CA								
170.62	170.65	VEI;3;;;57°;Po50;	171.74	172.99	1049701	1.25	46.34	8.71	0.28	0.50
		<b>Vein 3 57° Pyrrhotine50%</b>	172.99	174.24	1049702	1.25	44.59	7.86	0.26	0.46
		Massive PO vein (3 cm) oriented at 57° CA	174.24	175.49	1049703	1.25	43.63	7.62	0.25	0.45
175.00	175.01	ML	175.49	176.74	1049704	1.25	44.27	7.73	0.25	0.45
		<b>Magmatic layering 30°</b>	176.74	177.99	1049705	1.25	48.28	8.44	0.28	0.50
		Magmatic layering oriented at 30° CA	177.99	179.24	1049706	1.25	46.79	8.27	0.27	0.48
			179.24	180.49	1049707	1.25	33.88	4.98	0.17	0.30
			180.49	181.74	1049708	1.25	39.75	6.60	0.24	0.43
			181.74	182.99	1049709	1.25	28.34	3.84	0.13	0.23
			182.99	184.24	1049710	1.25	27.08	3.41	0.12	0.21
184.00	184.01	ML	184.24	185.49	1049711	1.25	47.54	7.93	0.30	0.54
		<b>Magmatic layering 26°</b>	185.49	186.74	1049712	1.25	46.58	7.84	0.28	0.50
		Magmatic layering oriented at 26° CA	186.74	187.59	1049713	0.85	32.31	4.16	0.15	0.27
187.05	187.49	SZ	187.59	188.44	1049714	0.85	56.60	10.86	0.38	0.68
		<b>Shear zone 24°</b>								

# Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
		CL+ shear zone with contacts oriented at 24° CA; 5% CB stringers (<1 cm)									
188.44	193.32	APH I2; MPOR	188.44	189.69	1049715	1.25	13.16	1.59	0.03	0.05	
		<b>Aphanitic intermediate rock;</b>	189.69	190.94	1049716	1.25	12.75	1.65	0.03	0.05	
		<b>Microporphyrific</b>	190.94	192.19	1049717	1.25	11.68	1.47	0.03	0.05	
		Dark grey, microporphyrific intermediate dyke; composed of 10% anedral FP (PG±QZ) microphenocrysts (1-2 mm) set in an aphanitic intermediate groundmass; non magnetic unit; crosscutted by minor amount of QZ stringers; U/C at 66° CA; L/C at 90° CA	192.19	193.32	1049718	1.13	11.91	1.41	0.03	0.05	
193.32	218.00	MIOL	193.32	194.57	1049719	1.25	54.97	10.92	0.32	0.57	
		<b>Massive iron oxide layer</b>	194.57	195.82	1049720	1.25	59.56	12.00	0.37	0.66	
		Fairly homogeneous massive MG mineralization associated to a dark grey, medium-grained (2-3 mm), altered ferrogabbro composed of 50-90% iron oxides, SR and CL; magmatic layering varying from 25° to 40° CA; foliation locally oriented at very low angle to CA (206.50 & 214.00); Tr-1% of disseminated PO-PY± CP; overall poorly fractured unit at 20°, 25° and 58° CA; excellent core recovery; gradational contact with the underlying unit									
194.84	194.85	ML									
		<b>Magmatic layering 10°</b>									
		Magmatic layering oriented at 10° CA									
195.29	195.31	VEI;2;;;57°;Po95;	195.82	197.07	1049721	1.25	59.83	11.99	0.36	0.64	
		<b>Vein 2 57° Pyrrhotine95%</b>	197.07	198.32	1049722	1.25	56.25	11.03	0.33	0.59	
		Massive PO vein (3 cm) oriented at 57° CA	198.32	199.57	1049723	1.25	58.04	11.37	0.34	0.61	
			199.57	200.82	1049724	1.25	61.53	12.36	0.36	0.64	
			200.82	202.07	1049726	1.25	60.16	12.10	0.33	0.59	
			202.07	203.32	1049727	1.25	66.12	14.14	0.36	0.64	
			203.32	204.57	1049728	1.25	63.04	13.36	0.32	0.57	
204.10	204.11	ML	204.57	205.82	1049729	1.25	73.24	15.92	0.39	0.70	
		<b>Magmatic layering 28°</b>	205.82	207.07	1049730	1.25	62.06	15.10	0.35	0.62	
		Magmatic layering oriented at 28° CA	207.07	208.32	1049731	1.25	62.02	13.50	0.35	0.62	
			208.32	209.57	1049732	1.25	66.86	14.61	0.37	0.66	
			209.57	210.82	1049733	1.25	62.45	12.83	0.31	0.55	

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
211.90	211.91	ML	210.82	212.07	1049734	1.25	61.51	12.91	0.31	0.55
		<b>Magmatic layering 45°</b>	212.07	213.32	1049735	1.25	73.24	16.10	0.38	0.68
		Magmatic layering oriented at 45° CA	213.32	214.57	1049736	1.25	68.68	14.76	0.29	0.52
214.00	214.01	ML	214.57	215.82	1049737	1.25	55.86	8.73	0.24	0.43
		<b>Magmatic layering 10°</b>	215.82	217.07	1049738	1.25	61.95	10.01	0.34	0.61
		Magmatic layering oriented at 10° CA	217.07	218.00	1049739	0.93	68.50	12.85	0.45	0.80
218.00	238.25	DIOL; SMIOL; MIOL	218.00	219.25	1049740	1.25	58.58	9.38	0.34	0.61
		<b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b>	219.25	220.50	1049741	1.25	57.93	9.32	0.36	0.64
		Same as 150.49-188.44; the upper section (218.00-220.20) consists of interlayered massive (50%) and disseminated (<10%) iron oxide layers (10-20 cm along CA) oriented at 29° CA: locally sheared (39° CA) and crosscutted by felsic injection (229-232.29) and thin CB stringers; presence of massive PO veins (e.g. 234.88); <10% weakly mineralized (<5% MG) moderately fractured; very good core recovery	220.50	221.75	1049742	1.25	45.15	6.15	0.22	0.39
			221.75	223.00	1049743	1.25	42.74	4.66	0.17	0.30
			223.00	224.25	1049744	1.25	45.49	5.30	0.19	0.34
			224.25	225.50	1049745	1.25	41.53	6.31	0.25	0.45
			225.50	226.75	1049746	1.25	29.40	4.93	0.18	0.32
			226.75	228.00	1049747	1.25	39.06	6.25	0.21	0.37
	228.00	229.25	1049748	1.25	33.83	3.98	0.12	0.21		
218.00	218.01	ML								
		<b>Magmatic layering 23°</b> Magmatic layering oriented at 23° CA								
229.00	229.01	FO	229.25	230.50	1049749	1.25	52.88	10.29	0.28	0.50
		<b>Foliation 40°</b> Foliation oriented at 40° CA	230.50	231.75	1049751	1.25	45.52	8.54	0.24	0.43
231.43	231.45	VEI;2;Cb;;25°;Po50Py05; <b>Vein 2 Carbonate 25° Pyrrhotine50% Pyrite05%</b> CB-PO±PY vein (2 cm) oriented at 25° CA	231.75	233.00	1049752	1.25	37.35	7.07	0.19	0.34
231.76	232.05	I1D; MG	233.00	234.25	1049753	1.25	48.43	9.26	0.27	0.48
		<b>Tonalite; Medium-grained</b> Medium-grained tonalitic injection with contacts oriented at 25° CA	234.25	235.50	1049754	1.25	50.60	8.73	0.23	0.41
234.84	234.92	VEI;6;;;45°;Po90; <b>Vein 6 45° Pyrrhotine90%</b> Massive PO vein (6 cm) oriented at 45° CA	235.50	236.75	1049755	1.25	51.41	9.59	0.26	0.46
236.27	236.29	VEI;2;;;55°;Po50Cp0.5; <b>Vein 2 55° Pyrrhotine50%</b>	236.75	238.00	1049756	1.25	55.87	10.42	0.31	0.55
		<b>Chalcopyrite0.5%</b>	238.00	239.25	1049757	1.25	44.77	7.81	0.24	0.43

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
238.25	293.21	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Disseminated, heavily disseminated to semi-massive MG (15-40%) mineralization associated with a medium-grained (2 mm), weakly foliated, variably SR+ and CL+ ferrogabbro; the magmatic layering varying from 35-40° CA ; <10% weakly mineralized (<10% MG) intervals; Tr-1% disseminated SF; several massive PO veins (1-6 cm) oriented at 45° CA have been intersected; the lower contact (291.50-294.65) is strongly deformed, folded and injected by CB stringers; moderately fractured at 25°, 31° and 41° CA; very good core recovery	239.25	240.50	1049758	1.25	41.39	6.83	0.21	0.37
			240.50	241.75	1049759	1.25	42.56	6.84	0.21	0.37
			241.75	243.00	1049760	1.25	47.11	7.05	0.23	0.41
242.20	242.25	VEI;4.5;;;46°;Po90; <b>Vein 4.5 46° Pyrrhotine90%</b> Massive PO vein (4.5 cm) oriented at 46° CA	243.00	244.25	1049761	1.25	40.65	6.30	0.21	0.37
			244.25	245.50	1049762	1.25	35.53	4.61	0.18	0.32
			245.50	246.75	1049763	1.25	43.27	6.89	0.22	0.39
246.62	246.63	VEI;1;;;45°;Po90; <b>Vein 1 45° Pyrrhotine90%</b> Massive PO vein (1 cm) oriented at 45° CA	246.75	248.00	1049764	1.25	36.10	5.42	0.18	0.32
248.00	248.01	FO <b>Foliation 21°</b> Foliation oriented at 21° CA	248.00	249.25	1049765	1.25	33.39	4.61	0.17	0.30
			249.25	250.50	1049766	1.25	28.97	3.76	0.14	0.25
			250.50	251.75	1049767	1.25	30.07	3.92	0.15	0.27
			251.75	253.00	1049768	1.25	29.63	3.85	0.15	0.27
			253.00	254.25	1049769	1.25	33.67	4.16	0.15	0.27
253.60	253.61	VEI;1;;;45°;Po99; <b>Vein 1 45° Pyrrhotine99%</b> Massive PO vein (1 cm) oriented at 45° CA								
253.71	253.72	VEI;0.5;;;75°;Po50Cp25; <b>Vein 0.5 75° Pyrrhotine50%</b> <b>Chalcopyrite25%</b> Massive PO vein (6 cm) oriented at 45° CA	254.25	255.50	1049770	1.25	39.56	4.99	0.18	0.32
			255.50	256.75	1049771	1.25	47.40	6.71	0.21	0.37
256.00	256.01	ML <b>Magmatic layering 36°</b> Magmatic layering oriented at 36° CA	256.75	258.00	1049772	1.25	41.54	5.18	0.16	0.29
			258.00	259.25	1049773	1.25	43.86	5.60	0.18	0.32
			259.25	260.50	1049774	1.25	45.33	6.00	0.20	0.36

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
261.00	261.01	ML <b>Magmatic layering 46°</b> Magmatic layering oriented at 46° CA	260.50	261.75	1049776	1.25	40.65	5.20	0.19	0.34
			261.75	263.00	1049777	1.25	34.59	4.11	0.14	0.25
			263.00	264.25	1049778	1.25	35.04	4.56	0.14	0.25
			264.25	265.50	1049779	1.25	39.84	5.43	0.17	0.30
			265.50	266.75	1049780	1.25	40.58	6.13	0.19	0.34
			266.75	268.00	1049781	1.25	35.35	4.67	0.15	0.27
			268.00	269.25	1049782	1.25	47.46	7.53	0.23	0.41
			269.25	270.50	1049783	1.25	49.04	8.29	0.25	0.45
			270.50	271.75	1049784	1.25	40.39	6.35	0.19	0.34
271.50	271.51	ML <b>Magmatic layering 41°</b> Magmatic layering oriented at 41° CA	271.75	273.00	1049785	1.25	31.99	4.45	0.13	0.23
			273.00	274.25	1049786	1.25	35.61	4.92	0.14	0.25
			274.25	275.50	1049787	1.25	38.93	5.57	0.15	0.27
			275.50	276.75	1049788	1.25	37.14	5.53	0.15	0.27
			276.75	278.00	1049789	1.25	37.70	5.38	0.13	0.23
			278.00	279.25	1049790	1.25	47.50	8.21	0.19	0.34
			279.25	280.50	1049791	1.25	45.96	7.59	0.20	0.36
			280.50	281.75	1049792	1.25	57.58	9.78	0.30	0.54
			281.75	283.00	1049793	1.25	61.07	9.77	0.33	0.59
285.00	285.01	ML <b>Magmatic layering 43°</b> Magmatic layering oriented at 43° CA	283.00	284.25	1049794	1.25	53.12	6.65	0.23	0.41
			284.25	285.50	1049795	1.25	52.91	7.04	0.22	0.39
			285.50	286.75	1049796	1.25	44.06	4.88	0.15	0.27
			286.75	288.00	1049797	1.25	46.40	6.18	0.18	0.32
			288.00	289.25	1049798	1.25	46.73	5.03	0.15	0.27
			289.25	290.50	1049799	1.25	41.50	2.86	0.10	0.18
290.50	291.75	1049801	290.50	291.75	1049801	1.25	43.78	4.60	0.14	0.25
			291.75	293.21	1049802	1.46	40.26	6.15	0.18	0.32
292.00	292.01	FO <b>Foliation 21°</b> Foliation oriented at 21° CA								
293.21	306.00	I3A; CG <b>Gabbro; Coarse-grained</b> Light grey and green, coarse-grained (5 mm) gabbro with poorly developed foliation; 2-3 % disseminated MG; moderately to poorly fractured; CB filling fractured; presence of dark green, sheared and CL+	293.21	294.46	1049803	1.25	22.50	1.64	0.06	0.11

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
293.50	293.51	melanocratic layers (<5 cm) oriented at 22° CA and gabbroic anorthosite interlayer (<15 cm) (e.g. 304 m); upper contact deformed; crosscutted by medium-grey, medium-grained tonalite dykes; excellent core recovery FO Foliation 20° Foliation oriented at 20° CA								
294.00	294.01	FO Foliation 43° Foliation oriented at 43° CA	294.46	295.71	1049804	1.25	14.84	1.66	0.06	0.11
			295.71	296.96	1049805	1.25	12.72	1.98	0.07	0.12
			296.96	298.21	1049806	1.25	12.91	1.56	0.07	0.12
297.40	297.41	FO Foliation 43° Foliation oriented at 43° CA	298.21	299.46	1049807	1.25	14.79	2.10	0.08	0.14
			299.46	300.71	1049808	1.25	13.32	1.83	0.07	0.12
300.10	300.26	I1D; MG Tonalite; Medium-grained As previously described; contacts oriented at 78° CA	300.71	301.96	1049809	1.25	15.32	2.19	0.08	0.14
302.43	303.97	I1D; MG Tonalite; Medium-grained As previously described; U/C oriented at 51° CA; L/C oriented at 61° CA								
304.10	304.26	I1D; MG Tonalite; Medium-grained As previously described; U/C oriented at 82° CA; L/C oriented at 40° CA								
304.51	304.64	I1D; MG Tonalite; Medium-grained As previously described; contacts at 25° CA								
306.00	End of DDH Number of samples: 187 Number of QAQC samples: 6 Total sampled length: 222.03									



# Apella Resources Inc.

<b>DDH:</b> MA-10-14	Claims title: CDC 109873	Section:
	Township:	Level:
	Range:	Work place: Magami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P.Geo	From: 2010-02-02	Description date: 2010-02-03
	To: 2010-02-03	

Collar

Azimuth: 174.95° Dip: -45.00° Length: 117.00 m	UTM <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">East</td> <td style="padding: 2px;">324 998.31</td> </tr> <tr> <td style="padding: 2px;">North</td> <td style="padding: 2px;">5 511 873.14</td> </tr> <tr> <td style="padding: 2px;">Elevation</td> <td style="padding: 2px;">289.63</td> </tr> </table>	East	324 998.31	North	5 511 873.14	Elevation	289.63
East	324 998.31						
North	5 511 873.14						
Elevation	289.63						

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	117.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 3 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 4.75-6.00: 41.29% Fe2O3, 8.13% TiO2, 0.34% V (0.61% V2O5 equivalent) over 1.25 m.

Core size: NQ core	Cemented: No	Stored: Yes
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## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	2.64	OV Overburden 3 m of casing left in place								
2.64	30.36	I3A <b>Gabbro</b> Unit mainly composed of grey and green with speckled aspect, very coarse-grained (5-7 mm), gabbro; composed of 60% of light beige subedral PG cumulates and 40% CL+ AM as intercumulate material; pale rose subedral GR (1 mm) has been locally observed (e.g. 14.36 m); iron oxides (MG) content varies from disseminated (5-10%) to heavily disseminated (20%); Tr of disseminated SF (PY-PO± CP); interlayered with <5% decimetric to pluridecimetric wide, greyish green, medium-grained CL+ melanocratic interlayers - MG-bearing pyroxenite - forming semi-massive to massive (30-50%) iron oxides layers; minor shear zones oriented at 37° CA; magmatic layering oriented at 70° CA; moderately to poorly fractured unit at 20°, 30° and 40° CA	2.64	4.75	113404	2.11	15.45	2.64	0.09	0.16
			4.75	6.00	113405	1.25	41.29	8.13	0.34	0.61
4.89	5.81	SMIOL; MIOL <b>Semi-massive iron oxide layer;</b> <b>Massive iron oxide layer</b> Semi-massive to massive (40-60%) iron oxides layer associated with a medium-grained (2 mm) CL+ melanocratic gabbro; PY forming very thin stringers oriented at 35° CA; contacts oriented at 50° CA	6.00	7.50	113406	1.50	14.14	2.46	0.07	0.12
			7.50	9.00	113407	1.50	13.89	2.19	0.07	0.12
			9.00	10.00	113408	1.00	13.36	1.91	0.05	0.09
9.24	9.38	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA	10.00	11.25	113409	1.25	41.80	5.74	0.23	0.41
10.10	10.20	SMIOL <b>Semi-massive iron oxide layer</b> Semi-massive (30-40%) iron oxides layer; gangue minerals comprises dark green, CL+ short prismatic minerals (2 mm)								
10.54	11.10	MIOL <b>Massive iron oxide layer</b> Massive (70-75%) iron oxides layer;	11.25	12.50	113410	1.25	23.98	3.72	0.11	0.20
			12.50	13.75	113411	1.25	29.16	3.09	0.14	0.25
			13.75	15.25	113412	1.50	24.08	3.50	0.15	0.27

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		magnetitite; 25-30% silicates; U/C at 57° CA; L/C at 55° CA	15.25	16.50	113413	1.25	23.88	3.49	0.14	0.25
			16.50	17.75	113414	1.25	30.82	5.02	0.18	0.32
			17.75	19.25	113415	1.50	14.36	2.10	0.07	0.12
			19.25	20.75	113416	1.50	15.93	2.79	0.08	0.14
			20.75	22.50	113417	1.75	12.24	1.73	0.08	0.14
			22.50	24.00	113418	1.50	13.76	1.89	0.06	0.11
			24.00	25.50	113419	1.50	13.50	1.97	0.06	0.11
24.48	24.73	SZ	25.50	27.00	113420	1.50	16.05	2.35	0.08	0.14
		<b>Shear zone 40°</b> Shear zone oriented at 40° CA;	27.00	28.25	113421	1.25	16.18	1.72	0.09	0.16
27.90	28.14	MG I4B; MG <b>Magnetite-bearing pyroxenite;</b> <b>Medium-grained</b> Dark green, massive, medium-grained CL+ MG-bearing pyroxenite layer; 15% disseminated MG; contacts oriented at 65° CA	28.25	29.50	113422	1.25	25.88	4.58	0.18	0.32
28.46	28.68	MG I4B; MG <b>Magnetite-bearing pyroxenite;</b> <b>Medium-grained</b> As previously described with 20% iron oxides (MG)	29.50	31.00	113423	1.50	16.25	2.30	0.10	0.18
30.15	30.35	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA								
30.36	85.32	I3A; MG <b>Gabbro; Medium-grained</b> Same as 2.64-30.36 with minor iron oxides mineralization; Tr to <3% disseminated iron oxides (MG); poorly fractured at 40° and 65°; interlayered with minor greyish green, medium-grained (2 mm), MG-bearing (10-15%) pyroxenite forming layers (5-10 cm) oriented at 70-75° CA								
31.00	36.00	EP+ <b>Epidotization</b> Numerous pale green strongly EP+ alteration zones varying from 5 to 40 cm; minor very thin CB stringers	31.00	32.25	113424	1.25	18.33	2.73	0.12	0.21
			45.75	47.00	113426	1.25	12.05	1.59	0.07	0.12
47.97	48.25	SZ <b>Shear zone 25°</b>	57.00	58.50	113427	1.50	13.44	1.64	0.08	0.14

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Shear zone oriented at 25° CA	58.50	60.00	113428	1.50	17.59	2.69	0.11	0.20
59.79	59.96	MG I4B <b>Magnetite-bearing pyroxenite</b> Medium-grained (2 mm) CL+ MG-bearing pyroxenite; composed of 20% MG and 80% subedral CL+ AM; contacts oriented at 60° CA								
60.25	72.54	EP+; CB+; CL+; HM+ <b>Epidotization; Carbonatization; Chloritization; Hematization</b> Alteration zone; medium-grained gabbro affected by a pervasive EP alteration; locally sheared and injected by up to 5% thin CB stringers; strongly HM+ and CB+ from 61.00 to 61.25; presence of decimetric to pluridecimetric wide, gabbroic anorthosite interlayers with CL alteration; 10% dark green, very fine-grained, CL+ sheared intervals (<20 cm) oriented at 55°-75° CA; intersected by minor aplitic to fine-grained granitic injection	65.50	67.00	113429	1.50	13.94	1.62	0.09	0.16
			67.00	68.50	113430	1.50	17.49	2.04	0.11	0.20
			68.50	70.00	113431	1.50	11.50	0.91	0.06	0.11
			70.00	71.50	113432	1.50	8.84	1.20	0.07	0.12
			71.50	73.00	113433	1.50	14.65	1.70	0.09	0.16
			77.15	78.65	113434	1.50	13.22	1.91	0.09	0.16
			78.65	79.90	113435	1.25	14.47	1.59	0.09	0.16
			79.90	81.15	113436	1.25	16.13	2.13	0.11	0.20
			81.15	82.65	113437	1.50	17.11	1.68	0.10	0.18
			82.65	84.15	113438	1.50	13.37	0.79	0.06	0.11
			84.15	85.32	113439	1.17	20.74	2.59	0.13	0.23
85.32	105.32	I3A; MG <b>Gabbro; Medium-grained</b> Medium-grey, massive, equigranular, coarse-grained (5-7 mm), MG-bearing gabbro composed of 50% light grey PG, 40% CL+ mafic minerals and less 5-10% disseminated MG; Tr of finely disseminated PO and PY; moderately magnetic unit; absence of cumulate texture; moderately fractured unit (20°, 50° and 60° CA); CL filling fracture; interlayered with minor amount of gabbro and anorthositic gabbro with light grey to beige PG cumulates and forming pluridecimetric wide layers	85.32	86.82	113440	1.50	15.62	0.87	0.06	0.11
			89.00	90.50	113441	1.50	14.92	2.07	0.10	0.18
			90.50	92.00	113442	1.50	16.51	1.69	0.10	0.18
			92.00	93.50	113443	1.50	14.57	1.34	0.08	0.14
			93.50	95.00	113444	1.50	11.01	0.87	0.06	0.11
			95.00	96.50	113445	1.50	8.06	0.79	0.05	0.09
			96.50	98.00	113446	1.50	11.09	1.38	0.07	0.12
			98.00	99.50	113447	1.50	10.67	0.94	0.06	0.11
			99.50	101.00	113448	1.50	12.52	1.24	0.07	0.12
			101.00	102.50	113449	1.50	11.46	1.19	0.07	0.12
			102.50	104.00	113450	1.50	17.17	2.60	0.13	0.23
			104.00	105.50	113451	1.50	9.61	1.01	0.06	0.11
105.32	117.00	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Light grey and green with speckled aspect, coarse-grained (5-6 mm) anorthositic gabbro composed of 70-75% light grey subedral PG and 25-30% CL+ AM as intergrowth material; texture of								

# Apella Resources Inc.

Description	Assay							
	From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
<p>cumulates is more or less preserved; moderately magnetic unit with 3-5% disseminated MG; finely disseminated SF; moderately fractured unit at 25° and 35° CA; U/C gradational.</p> <p>EOH at 117.00 m; casing left in place</p>								
<p>117.00    End of DDH            Number of samples: 47            Number of QAQC samples: 1            Total sampled length: 67.53</p>								

# Apella Resources Inc.

<b>DDH:</b> MA-10-15	Claims title: CDC 109873	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P. Geo	From: 2010-02-03	Description date: 2010-02-05
	To: 2010-02-05	

Collar

Azimuth: 179.18° Dip: -44.80° Length: 180.00 m	UTM <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">East</td> <td style="padding: 2px;">324 965.22</td> </tr> <tr> <td style="padding: 2px;">North</td> <td style="padding: 2px;">5 511 814.21</td> </tr> <tr> <td style="padding: 2px;">Elevation</td> <td style="padding: 2px;">292.88</td> </tr> </table>	East	324 965.22	North	5 511 814.21	Elevation	292.88
East	324 965.22						
North	5 511 814.21						
Elevation	292.88						

Down hole survey

Type	Depth	Azimuth	Dip	Invalid		Type	Depth	Azimuth	Dip	Invalid
Acid	180.00		-41.00°	No						

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 6 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 91.10-94.85: 40.56% Fe2O3, 6.92% TiO2, 0.28% V (0.51% V2O5 equivalent) over 3.75 m;  
 96.10-98.60: 48.87% Fe2O3, 9.07% TiO2, 0.34% V (0.60% V2O5 equivalent) over 2.50 m;  
 101.10-103.60: 47.21% Fe2O3, 6.21% TiO2, 0.29% V (0.52% V2O5 equivalent) over 2.50 m;  
 104.85-122.00: 59.87% Fe2O3, 12.24% TiO2, 0.39% V (0.70% V2O5 equivalent) over 17.15 m;  
 123.25-128.25: 49.01% Fe2O3, 9.31% TiO2, 0.34% V (0.60% V2O5 equivalent) over 5.00 m;  
 129.50-135.75: 44.57% Fe2O3, 7.92% TiO2, 0.30% V (0.54% V2O5 equivalent) over 6.25 m;

Core size: NQ core	Cemented: No	Stored: Yes
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## Apella Resources Inc.

140.75-142.00: 40.50% Fe<sub>2</sub>O<sub>3</sub>, 6.69% TiO<sub>2</sub>, 0.28% V (0.50% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m;  
145.75-147.00: 48.09% Fe<sub>2</sub>O<sub>3</sub>, 8.73% TiO<sub>2</sub>, 0.36% V (0.64% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m;  
148.25-149.50: 41.68% Fe<sub>2</sub>O<sub>3</sub>, 7.30% TiO<sub>2</sub>, 0.33% V (0.59% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m;  
152.00-157.00: 39.16% Fe<sub>2</sub>O<sub>3</sub>, 6.75% TiO<sub>2</sub>, 0.31% V (0.56% V<sub>2</sub>O<sub>5</sub> equivalent) over 5.00 m;  
158.25-160.75: 44.59% Fe<sub>2</sub>O<sub>3</sub>, 8.37% TiO<sub>2</sub>, 0.38% V (0.67% V<sub>2</sub>O<sub>5</sub> equivalent) over 2.50 m.

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	5.62	OV <b>Overburden</b> 6 m of casing left in place								
5.62	17.04	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Grey and green with speckled aspect, massive, coarse-grained (5 mm) anorthositic gabbro; composed of 20-25% green CL+ AM as intergrowth material and 75-80% light grey subedral PG; 2-3% disseminated MG; interlayered with <5% melanocratic (AM+ and CL+ MG-bearing pyroxenite) interlayers (2-5 cm) showing up to 15% MG and oriented at 60-65° CA; moderately to fairly fractured; fractures oriented at 30-35° and 55° CA; minor aplitic injection								
6.04	6.35	APH I2	14.25	15.75	113452	1.50	13.28	1.69	0.09	0.16
		<b>Aphanitic intermediate rock</b> Medium-grey, massive, aphanitic intermediate rock; Tr of finely disseminated SF; fractured contacts; presence of thin QZ stringers	15.75	17.00	113453	1.25	25.99	4.01	0.19	0.34
15.78	16.00	MIOL <b>Massive iron oxide layer</b> Masivee iron oxide layer layer with 70% MG: grinded core								
16.00	16.75	MG I4B; MG <b>Magnetite-bearing pyroxenite; Medium-grained</b> Greenish grey, massive, medium-grained (2 mm) MG-bearing AM+ and CL+ melanocratic layer; 15% disseminated MG; fractured contacts	17.00	18.50	113454	1.50	13.84	1.74	0.09	0.16
17.04	31.81	I3A; I3I; I3H; I3G <b>Gabbro; Anorthositic gabbro; Gabbroic anorthosite; Anorthosite</b> Heterogeneous unit comprises an assemblage of deformed and altered (EP+, HM+, CB+ and locally CL+), medium to coarse-grained anorthositic gabbro, gabbro and minor anorthositic interlayers; locally HM+ and CB+; presence of pale rose K FP; weakly to strongly EP+; presence of centimetric to decimetric wide shear zones oriented at 50°-65° CA;	18.50	20.00	113455	1.50	14.73	1.75	0.10	0.18



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
19.74	20.41	DIOL Disseminated iron oxide layer 15-20% disseminated MG associated to a medium-grained melanocratic layers (7-33 cm)	20.00	21.75	113456	1.75	20.36	2.94	0.13	0.23
21.18	21.35	HM+; CB+ Hematization; Carbonatization Strongly HM+ and CB+ section	21.75	23.25	113457	1.50	12.52	1.55	0.08	0.14
25.52	26.70	HM+; CB+ Hematization; Carbonatization Strongly HM+ and CB+ section; 5% CB stringers; partially grinded core								
31.81	77.34	I3A; CG Gabbro; Coarse-grained Grey and green with speckled aspect, massive to weakly foliated (60° CA), coarse-grained (5 mm) gabbro ranging composed of 60-70% of light grey to beige subedral PG and 30-40% green CL+ AM as intergrowth material; very low iron oxides content (Tr to <5%); Tr of disseminated PY; fairly homogeneous unit characterized by an absence of MG-bearing melanocratic layers; intersected by aphanitic mafic rock; crosscutted by QZ vein (<6 cm) associated with EP+, CL+ and CB+ of wallrocks; poorly fractured; fractures oriented at 25°, 45° and 65° CA; increasing of mafic and MG content close to the lower contact								
34.04	34.78	APH I2 Aphanitic intermediate rock Medium grey, aphanitic mafic rock with <1% microphenocryst of PG (<1 mm); slightly EP+ along plans of fractures; U/C at 65° CA; L/C at 60° CA								
37.45	37.46	VEI;2;Qz;;43°;; Vein 2 Quartz 43° QZ vein (2 cm) oriented at 43° CA								
38.21	38.22	Py30 Pyrite 30%								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
47.58	47.90	30% PY filling fractures oriented at 50° CA I1D; MG <b>Tonalite; Medium-grained</b> Medium grey, weakly foliated ( 67° CA), fine-grained (1 mm) tonalite dyke; mainly composed of PG and QZ, less than 5% BO, minor amount of CL and Tr of disseminated MG; contacts oriented at 55° CA								
52.04	52.08	SZ <b>Shear zone 36°</b> Shear zone oriented at 36° CA								
55.68	55.69	VEI;1;Qz;;45°;; <b>Vein 1 Quartz 45°</b> QZ vein (1 cm) oriented at 45° CA	57.75	58.75	113458	1.00				
57.86	58.50	VEI;6;Qz;;33°;; <b>Vein 6 Quartz 33°</b> 3 QZ veins (tw 3-6 cm) trending at 33° CA; EP+, CL+ and CB+ of wallrock; no visible mineralization								
68.47	69.71	SZ <b>Shear zone</b> Shear zone - mylonitized rock?; grey, foliated (64° CA) aphanitic to very fine-grained rock; CL-CB and K FP filling fractures; U/C at 70° CA; L/C at 59° CA								
70.43	70.53	SZ <b>Shear zone</b> Same as 68.47-69.71; fractured contacts	71.35	72.85	113459	1.50	9.06	1.22	0.06	0.11
72.56	73.20	SZ <b>Shear zone</b> Shear zone - mylonitized rock?; same as 68.47-69.71; fractures oriented at 30° and 60° (opposite); U/C at 25° CA; L/C at 40° CA	72.85	74.35	113460	1.50	18.61	2.60	0.12	0.21
			74.35	75.85	113461	1.50	13.52	1.83	0.08	0.14
			75.85	77.35	113462	1.50	16.71	2.46	0.10	0.18
77.34	106.96	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Disseminated to semi-massive (10-40%) iron oxides mineralization associated to greenish grey, medium-grained (1-2 mm) ferrogabbro composed of variable amount of iron oxides, SR and CL; Tr amount	77.35	78.60	113463	1.25	36.64	5.18	0.20	0.36

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
77.34	81.21	<p>of PO-PY; the upper section from 77.34 to 81.21 is moderately to fairly fractured, affected by CL+ shear zones and injected by CB stringers; &lt;5% poorly mineralized intervals; minor decimetric to metric wide massive iron oxides layers; moderately fractured at 20°-25° and 35°-40° CA with CL filling; excellent recovery</p> <p>SZ <b>Shear zone</b> Moderately to fairly fractured section; CL+ and sheared intervals; presence of CB vein (2 cm) and stringers oriented at 35° CA; foliation oriented at 57° CA; 15-30% iron oxides</p>								
78.12	78.32	<p>APH I2 <b>Aphanitic intermediate rock</b> Greenish grey, aphanitic mafic rock; fractured U/C; L/C at 58° CA</p>	78.60	79.85	113464	1.25	44.38	6.23	0.20	0.36
			79.85	81.10	113465	1.25	34.47	4.12	0.15	0.27
			81.10	82.35	113466	1.25	33.25	4.33	0.16	0.29
			82.35	83.60	113467	1.25	30.56	4.50	0.17	0.30
83.19	83.95	<p>I3A; VCG <b>Gabbro; Very coarse-grained</b> Light beige and green with speckled aspect, very coarse-grained (5-7 mm) gabbro; composed of equal amount of subedral PG and green CL+ AM; very low iron oxides content</p>	83.60	84.85	113468	1.25	20.19	2.59	0.11	0.20
			84.85	86.10	113469	1.25	43.21	5.07	0.21	0.37
			86.10	87.35	113470	1.25	39.97	5.08	0.22	0.39
			87.35	88.60	113471	1.25	32.28	4.40	0.20	0.36
			88.60	89.85	113472	1.25	31.25	4.27	0.19	0.34
			89.85	91.10	113473	1.25	36.29	5.36	0.23	0.41
			91.10	92.35	113474	1.25	40.02	6.90	0.28	0.50
			92.35	93.60	113475	1.25	42.10	7.16	0.29	0.52
			93.60	94.85	113476	1.25	39.55	6.71	0.28	0.50
94.75	95.32	<p>I3A; VCG <b>Gabbro; Very coarse-grained</b> Same as 83.19-83.95; with PG cumulates (5-12 mm); lower section is sheared and injected by 5% CB stringers; U/C at 77° CA; L/C at 75° CA</p>	94.85	96.10	113477	1.25	28.68	4.35	0.17	0.30
			96.10	97.35	113478	1.25	42.63	7.75	0.29	0.52
			97.35	98.60	113479	1.25	55.11	10.38	0.38	0.68
98.56	100.48	<p>I3A; MG <b>Gabbro; Medium-grained</b> Weakly mineralized interval; medium to coarse-grained (3-6 mm) gabbro; Tr-7% iron oxides; Tr of disseminated SF; interlayered with 2 massive iron oxides layers (4 cm)</p>	98.60	99.85	113480	1.25	25.79	3.87	0.15	0.27
			99.85	101.10	113481	1.25	33.09	4.24	0.18	0.32

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
100.48	102.18	oriented at 60-70° CA; up to 10% pale rose subedral (1 mm) GR								
		SMIOL; MIOL; MG	101.10	102.35	113482	1.25	49.35	6.17	0.28	0.50
		<b>Semi-massive iron oxide layer;</b>	102.35	103.60	113483	1.25	45.07	6.25	0.30	0.54
		<b>Massive iron oxide layer;</b>								
		<b>Medium-grained</b>								
		Semi-massive to massive (30-60%) iron oxides layers								
102.45	102.71	I1D								
		<b>Tonalite; Fine-grained</b>								
		Grey, massive, fine-grained (0.5 mm) intermediate dyke; mainly composed of FP with minor amount of mafic minerals (BO-CL); CL filling fractures at 25° and 45° CA; contacts oriented at 55° CA								
102.71	102.92	MIOL								
		<b>Massive iron oxide layer</b>								
		70% iron oxides; gangue minerals comprises dark green anedral (0.5-1 mm) locally ovoid-shaped CL+ mafic minerals and SR+ PG								
103.58	103.73	APH I2	103.60	104.85	113484	1.25	40.08	4.96	0.22	0.39
		<b>Aphanitic intermediate rock</b>	104.85	106.10	113485	1.25	49.04	6.37	0.26	0.46
		Grey, massive, aphanitic intermediate rock; contacts oriented at 55° CA; non magnetic unit	106.10	107.00	113486	0.90	53.59	7.74	0.30	0.54
106.96	121.83	SMIOL; MIOL	107.00	108.25	113487	1.25	70.03	15.16	0.46	0.82
		<b>Semi-massive iron oxide layer; Massive iron oxide layer</b>	108.25	109.50	113488	1.25	70.96	15.92	0.45	0.80
		Mineralized zone; iron oxides zone forming medium-grained (1-2 mm) semi-massive to massive mineralization; composed of 40-80% iron oxides (MG) with variable amount of CL and SR; upper section (106.96-109.00) consist of massive iron oxides (magnetitite) associated with a CL alteration and shows a clearly defined foliation oriented at 60° CA; MG-rich zones form decimetric to pluridecimetric wide layers associated to dark green CL+ mafic minerals; Tr to 2% PO with Tr amount of PY;	109.50	110.75	113489	1.25	60.05	13.08	0.38	0.68
		magmatic layering oriented at 65-70° CA; poorly to moderately fractured unit at 15°, 30°, 40° and 60° CA with CL±PY filling; U/C at 70° CA	110.75	112.00	113490	1.25	59.71	12.97	0.40	0.71
			112.00	113.25	113491	1.25	56.30	11.63	0.38	0.68
			113.25	114.50	113493	1.25	58.75	12.19	0.41	0.73
			114.50	115.75	113494	1.25	60.35	12.76	0.42	0.75
			115.75	117.00	113495	1.25	60.48	13.31	0.39	0.70
			117.00	118.25	113496	1.25	62.83	13.69	0.40	0.71
			118.25	119.50	113497	1.25	59.14	12.26	0.38	0.68
			119.50	120.75	113498	1.25	60.03	12.45	0.41	0.73
	120.75	122.00	113499	1.25	55.17	10.55	0.39	0.70		

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
121.83	145.56	SMIOL; DIOL	122.00	123.25	113500	1.25	35.89	5.56	0.22	0.39
		<b>Semi-massive iron oxide layer; Disseminated iron oxide layer</b>	123.25	124.50	113551	1.25	48.49	9.35	0.33	0.59
		Heavily disseminated to semi-massive (15-50%) iron oxides mineralization associated to a dark grey, massive, equigranular, medium-grained (1-2 mm) altered ferrogabbro; Tr-2% PO with Tr amount PY± CP); moderately fractured at 35° and 50°	124.50	125.75	113552	1.25	53.63	10.66	0.36	0.64
			125.75	127.00	113553	1.25	49.00	8.93	0.34	0.61
			127.00	128.25	113554	1.25	44.93	8.29	0.31	0.55
			128.25	129.50	113555	1.25	34.59	5.24	0.21	0.37
129.45	129.75	CL+	129.50	130.75	113556	1.25	43.54	8.22	0.29	0.52
		<b>Chloritization</b>	130.75	132.00	113557	1.25	45.74	7.86	0.30	0.54
		CL+ section with 2% CB stringers	132.00	133.25	113558	1.25	47.04	8.16	0.31	0.55
			133.25	134.50	113559	1.25	43.50	7.69	0.30	0.54
			134.50	135.75	113560	1.25	43.05	7.66	0.31	0.55
			135.75	137.00	113561	1.25	32.65	4.81	0.21	0.37
			137.00	138.25	113562	1.25	34.68	5.57	0.24	0.43
			138.25	139.50	113563	1.25	32.88	5.24	0.23	0.41
			139.50	140.75	113564	1.25	32.95	5.25	0.23	0.41
			140.75	142.00	113565	1.25	40.50	6.69	0.28	0.50
			142.00	143.25	113566	1.25	35.56	5.60	0.24	0.43
			143.25	144.50	113568	1.25	36.81	5.82	0.25	0.45
			144.50	145.75	113569	1.25	32.44	4.07	0.19	0.34
145.56	163.22	I3A; I4ZM; MG	145.75	147.00	113570	1.25	48.09	8.73	0.36	0.64
		<b>Gabbro; Magnetite; Medium-grained</b>	147.00	148.25	113571	1.25	27.48	4.20	0.18	0.32
		Medium grey, well layered (65°-75° CA), medium-grained (2 mm), equigranular gabbro composed of equal amount of grey SR+ PG and green CL+ AM; low (3-7%) iron oxides content; interlayered with 40% semi-massive to massive (30-80%) (e.g. 146.06-146.23, 152.54-12.70, 158.13-158.42, 159.32-159.40) iron oxides layers varying from 2 to 35 cm and oriented at 65° CA - magmatic layering; Tr of disseminated PO±PY or forming thin veins and stringers in CL+, centimetric wide shear zones (150.74, 153.75 & 160.00); moderately fractured unit at 25°, 30° and 55° CA with CL filling	148.25	149.50	113572	1.25	41.68	7.30	0.33	0.59
			149.50	150.75	113573	1.25	26.47	4.33	0.19	0.34
			150.75	152.00	113574	1.25	20.64	2.44	0.13	0.23
			152.00	153.25	113575	1.25	33.32	5.80	0.27	0.48
153.00	153.01	ML	153.25	154.50	113576	1.25	48.15	8.21	0.39	0.70
		<b>Magmatic layering 65°</b>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
153.68	153.92	Magmatic layering at 65° CA								
		I4B; MG	154.50	155.75	113577	1.25	37.19	6.37	0.29	0.52
		<b>Pyroxenite; Medium-grained</b>	155.75	157.00	113578	1.25	37.96	6.60	0.29	0.52
		Dark green, medium-grained (2 mm), AM+ pyroxenite layer; <5% MG; CL+; massive PO with minor CP forming veins (1 cm) and stringers oriented at 45° CA over 15 cm	157.00	158.25	113579	1.25	31.08	4.84	0.22	0.39
			158.25	159.50	113580	1.25	45.48	8.32	0.37	0.66
			159.50	160.75	113581	1.25	43.69	8.42	0.38	0.68
			160.75	162.00	113582	1.25	14.96	1.07	0.06	0.11
163.22	167.47	I3A; MG	162.00	163.25	113583	1.25	20.62	2.74	0.14	0.25
		<b>Gabbro; Medium-grained</b>	163.25	164.50	113584	1.25	12.17	0.99	0.07	0.12
		Medium grey, massive, medium-grained (3 mm) gabbro grading to a beige and dark green medium-grained anorthositic gabbro at depth; 1% disseminated PO±PY; low iron oxides content; a 3 cm wide magnetite layer was intersected at 167.20-167.23; L/C at 80° CA	164.50	165.75	113585	1.25	12.55	1.14	0.07	0.12
165.74	165.86	I1D; MG	165.75	167.25	113586	1.50	11.86	1.24	0.08	0.14
		<b>Tonalite; Medium-grained</b>								
		Pale grey, poorly foliated, medium-grained (1 mm) tonalitic dyke; mainly composed of an assemblage of PG and QZ with 5% mafic minerals (BO-CL); contacts oriented at 74° CA								
167.47	175.20	DZ								
		<b>Deformation zone</b>								
		Deformation zone?; heterogeneous unit comprises an aphanitic mafic rock with anedral PG porphyroblasts (1-10 mm) - mylonitized rock? - intersected from 167.47-167.83 and overlying a moderately to well foliated (52° CA), fine to very fine-grained, slightly EP+ and BO+ gabbroic rock; Tr of finely disseminated PY; non magnetic unit; moderately fractured at at 45-55° CA								
175.20	177.40	I3A; MG								
		<b>Gabbro; Medium-grained</b>								
		Beige and dark green with speckled aspect, massive, medium-grained (3-5 mm) gabbro; composed of equal amount of slightly EP+ subedral PG and green CL+ AM as intergrowth material; minor aplitic injection; presence of MG in a dark green melanocratic								

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
175.20	175.42	I1F <b>Aplite</b> Pale rose and grey, very fine-grained - aplitic - granitic injection; intersected by minor CB stringers; U/C at 38° CA; L/C at 60° CA							
177.40	178.52	DZ <b>Deformation zone</b> Same as 167.47-175.20 with foliation oriented at 50° CA; presence of thin CB stringers transposed along S1; U/C at 50° CA; L/C at 45° CA							
178.52	179.35	I3A; MG <b>Gabbro; Medium-grained</b> Same as 175.20-177.40; L/C at 60° CA							
179.35	179.59	APH I2 <b>Aphanitic intermediate rock</b> Dark grey, very fine-grained intermediate rock with CL-EP alteration; contacts at 55° CA; L/C CL+ with QZ- CB-PY stringers							
179.59	180.00	I3A; MG <b>Gabbro; Medium-grained</b> Same as 175.20-177.40  EOH at 180 m; 6 m of casing left in place							
180.00	End of DDH Number of samples: 83 Number of QAQC samples: 2 Total sampled length: 105.90								

## Apella Resources Inc.

<b>DDH: MA-10-16</b>	Claims title: CDC 109863	Section:	
	Township:	Level:	
	Range:	Work place:	Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:		
Described by: R. Moar, P. Geo	From: 2010-02-05	Description date:	2010-02-07
	To: 2010-02-07		

Collar

Azimuth: 180.98°  
Dip: -43.00°  
Length: 108.00 m

UTM	
East	325 050.28
North	5 511 750.19
Elevation	290.74

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	108.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 6 m of casing left in place.  
Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
50.80-52.05: 48.06% Fe2O3, 6.63% TiO2, 0.28% V (0.50% V2O5 equivalent) over 1.25 m;  
55.67-56.32: 59.87% Fe2O3, 12.17% TiO2, 0.42% V (0.75% V2O5 equivalent) over 0.65 m;  
59.42-60.52: 38.41% Fe2O3, 6.69% TiO2, 0.28% V (0.50% V2O5 equivalent) over 1.10 m;  
62.18-63.43: 47.25% Fe2O3, 8.22% TiO2, 0.36% V (0.64% V2O5 equivalent) over 1.25 m;  
74.68-75.93: 41.04% Fe2O3, 6.84% TiO2, 0.31% V (0.55% V2O5 equivalent) over 1.25 m;  
77.18-78.43: 40.32% Fe2O3, 7.23% TiO2, 0.31% V (0.55% V2O5 equivalent) over 1.25 m.

Core size:	NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	6.00	OV Overburden 6 m of casing left in place								
6.00	36.75	I3I; VCG <b>Anorthositic gabbro; Very coarse-grained</b> Light grey and green with speckled aspect, coarse-grained (5-8 mm) anorthositic gabbro composed of 70% light grey PG cumulates and 30% green AM as intergrowth material; weakly magnetic unit with 2-5% disseminated MG; Tr amount of disseminated PY; poorly fractured unit at 25° and 45° and locally at 15° CA; intersected by minor tonalitic and aplitic injection; presence of few pluricentimetric to decimetric wide melanocratic layers associated with 10-15% MG and intersected from 27.71 to 28.95;								
8.75	8.82	I1F <b>Aplite</b> Pale rose and grey aplitic dyke oriented at 65° CA								
11.54	12.07	I1D; MG <b>Tonalite; Medium-grained</b> Grey, weakly foliated (55° CA), equigranular, medium-grained (1-2 mm) tonalite dyke mainly composed of PG-QZ and 10% finer-grained BO±CL; U/C oriented at 51° CA; L/C oriented at 59° CA								
14.15	14.57	I1D; MG <b>Tonalite; Medium-grained</b> Same as 11.54-12.07; U/C oriented at 65° CA; L/C oriented at 51° CA								
17.69	17.79	I1D; MG <b>Tonalite; Medium-grained</b> Same as 11.54-12.07; U/C oriented at 79° CA; L/C oriented at 79° CA								
18.12	18.67	I1D; MG <b>Tonalite; Medium-grained</b> Same as 11.54-12.07; intersected by a pale grey aplitic injection; U/C oriented at 65° CA; L/C oriented at 80° CA								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
23.13	23.95	I1F <b>Aplite</b> Light grey to pale rose aplitic dyke; U/C oriented at 65°-70° CA; L/C oriented at 75° CA								
26.00	26.25	EP+ <b>Epidotization</b> Alteration zone with EP; presence of anedral GR (0.5 mm); brecciated								
29.46	29.53	I1D <b>Tonalite</b> Same as 11.54-12.07; contacts oriented at 63° CA								
32.53	32.63	I1D <b>Tonalite</b> Same as 11.54-12.07; contacts oriented at 43° CA;	33.75	35.25	113587	1.50	15.66	2.17	0.11	0.20
			35.25	36.75	113588	1.50	13.23	1.80	0.09	0.16
36.75	62.18	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Heterogeneous unit comprises heavily disseminated to semi-massive (15-40%) iron oxides mineralization associated to greenish grey, medium-grained (1-2 mm) ferrogabbro composed of variable amount of iron oxides, AM, CL and PG; minor amount of magnetite layers (<55 cm); intersected by numerous (50%) of dark grey aphanitic to fine-grained intermediate rock; the upper section (37.20-39.16) consists of semi-massive (30-40%) iron oxides layers associated with anedral to ovoid-shaped silicates; fairly fractured with fractures mainly oriented at 40° and locally at 20° CA; deformed unit	36.75	38.00	113589	1.25	44.21	4.97	0.20	0.36
			38.00	39.25	113590	1.25	47.78	6.54	0.21	0.37
			39.25	40.50	113591	1.25	46.19	8.30	0.22	0.39
			40.50	41.50	113592	1.00	44.63	7.42	0.21	0.37
			41.50	42.45	113593	0.95	42.75	6.81	0.20	0.36
42.45	43.43	I1B; FG <b>Granite; Fine-grained</b> Pale grey to rose, poorly foliated, fine-grained granitic dyke; U/C oriented at 75° CA; L/C at 80° CA	42.45	43.43	113594	0.98	2.81	0.11	0.01	0.02
			43.43	45.17	113595	1.74	44.80	7.19	0.22	0.39
45.17	48.30	APH I2 <b>Aphanitic intermediate dyke</b> Dark grey, weakly foliated (40° CA), aphanitic intermediate rock; up to 5% anedral PG	45.17	46.67	113596	1.50	13.20	1.72	0.04	0.07
			46.67	48.30	113597	1.63	12.41	1.59	0.04	0.07
			48.30	49.55	113598	1.25	37.91	6.96	0.26	0.46

## Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
48.80	48.81	phenocrysts (2 mm); non magnetic unit; fairly fractured at 40° CA; fractured U/C; L/C at 30° CA							
		FO							
		<b>Foliation 19°</b>							
		Foliation oriented at 19° CA							
49.27	49.33	APH I2							
		<b>Aphanitic intermediate dyke</b>							
		Same as 45.17-48.30; contacts oriented at 47° CA							
49.30	49.31	FO							
		<b>Foliation 43°</b>							
		Foliation oriented at 43° CA							
49.48	50.07	49.55	50.80	113599	1.25	30.78	4.09	0.17	0.30
		<b>Aphanitic mafic rock</b>							
		50.80	52.05	113600	1.25	48.06	6.63	0.28	0.50
		52.05	53.87	113501	1.82	43.45	5.52	0.24	0.43
53.45	53.66	I1D; VFG							
		<b>Tonalite; Very fine-grained</b>							
		Medium grey, massive, very fine-grained felsic rock; contacts oriented at 55° CA							
53.87	55.67	53.87	55.67	113502	1.80	11.91	1.19	0.05	0.09
		<b>Aphanitic intermediate dyke</b>							
		Dark grey aphanitic intermediate rock grading to a well foliated (61° CA), fine to very fine-grained, slightly EP+ and BO+ rock; Tr of PY-PO-CP; non magnetic unit; U/C at 63° CA; L/C fractured; same as MA-10-15 (167.47-175.20)							
55.00	55.01	FO							
		<b>Foliation 60°</b>							
		Foliation oriented at 60° CA							
55.67	56.32	55.67	56.32	113503	0.65	59.87	12.17	0.42	0.75
		<b>Magnetitite</b>							
		60->75% iron oxides; 3% PO-PY; minor CB stringers							
56.32	59.00	56.32	57.82	113504	1.50	11.84	1.06	0.05	0.09
		<b>Aphanitic intermediate dyke</b>							
		57.82	59.42	113505	1.60	12.09	1.24	0.05	0.09
		Dark grey, massive to well foliated (47° CA), aphanitic to very fine-grained intermediate							

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
59.00	59.46	rock; Tr of disseminated PY I3A; MG <b>Gabbro; Medium-grained</b> Green and grey, slightly sheared, medium-grained (2-4 mm) gabbro	59.42	59.87	113506	0.45	36.94	6.84	0.27	0.48
59.56	59.64	VEI;5;Qz;;50°;Py50Po50; <b>Vein 5 Quartz 50° Pyrite50%</b> <b>Pyrrhotine50%</b> QZ vein (tw 5 cm) with 10% PY-PO; CL alteration	59.87	60.52	113507	0.65	39.43	6.59	0.29	0.52
60.52	62.18	APH I2 <b>Aphanitic intermediate dyke</b> Same as 56.32-59.00; U/C at 46° CA; strongly CL+ L/C at 64° CA mineralized with 5-7% PO± CP	60.52	62.18	113508	1.66	12.65	1.23	0.05	0.09
62.18	78.58	DIOL; SMIOL; MG <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Medium-grained</b> Disseminated to semi-massive (10-40%) iron oxides mineralization associated to dark grey, medium-grained (2-3 mm), equigranular ferrogabbro composed of variable amount of iron oxides, PG and AM; Tr amount of PO-PY; magmatic layering oriented at 60-65° CA; 6 magnetite layers (6-25 cm) oriented at have been intersected between 75.16 and 78.54; moderately fractured at 25°, 35° and 50° CA with CL filling; excellent recovery	62.18	63.43	113509	1.25	47.25	8.22	0.36	0.64
			63.43	64.68	113510	1.25	27.10	4.00	0.19	0.34
			64.68	65.93	113511	1.25	29.05	4.41	0.21	0.37
			65.93	67.18	113512	1.25	22.62	3.38	0.16	0.29
			67.18	68.43	113513	1.25	29.85	4.85	0.21	0.37
			68.43	69.68	113514	1.25	31.16	4.97	0.23	0.41
			69.68	70.93	113515	1.25	36.90	6.22	0.27	0.48
			70.93	72.18	113516	1.25	32.60	5.32	0.23	0.41
			72.18	73.43	113517	1.25	31.20	4.64	0.21	0.37
			73.43	74.68	113518	1.25	23.96	2.81	0.14	0.25
74.00	74.01	ML <b>Magmatic layering 64°</b> Magmatic layering oriented at 64° CA	74.68	75.93	113519	1.25	41.04	6.84	0.31	0.55
			75.93	77.18	113520	1.25	34.00	5.13	0.23	0.41
			77.18	78.43	113521	1.25	40.32	7.23	0.31	0.55
			78.43	79.68	113522	1.25	22.59	3.13	0.15	0.27
78.58	86.57	I3A; MG <b>Gabbro; Medium-grained</b> Same as 62.18-78.58; with Tr to <10% disseminated iron oxides	79.68	80.93	113523	1.25	16.22	2.21	0.11	0.20
			80.93	82.18	113524	1.25	15.55	1.46	0.08	0.14
			82.18	83.57	113525	1.39	16.97	2.03	0.10	0.18
			83.57	85.07	113526	1.50	7.64	0.84	0.03	0.05
			85.07	86.57	113527	1.50	8.21	0.92	0.03	0.05
86.47	87.20	I3A <b>Gabbro</b>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
86.57	94.24	<p>APH I2</p> <p><b>Aphanitic intermediate rock</b></p> <p>Light grey and dark green with speckled aspect, massive, medium-grained (3 mm) gabbro composed of 60% light grey PG and 40% dark green AM; Tr of disseminated MG and PY; CL+ and BO+ U/C oriented at 67° CA; L/C oriented at 50° CA</p> <p>Dark grey, massive, aphanitic to very fine-grained intermediate (diorite) rock composed of an assemblage PG, CL and BO; up to 5% anedral PG microphenocrysts; non magnetic unit; fractures oriented at 43°, 65° and 35° (CL-EP); sharp contacts; U/C at 60° CA; L/C at 41° CA</p>								
94.24	108.00	<p>I3A</p> <p><b>Gabbro</b></p> <p>Medium-grained (4-5 mm) gabbro composed of equal amount of grey subedral PG, green AM as intergrowth material and 2-3% iron oxides; disseminated (5-15%) iron oxides mineralization with Tr to 2% PO intersected from 96.90-98.41 and 106.10-108.00; moderately fractured at 35° CA; U/C is sheared (37° CA) with presence of reddish brown phlogopite and minor PO-PY-CP mineralization; minor aplitic injection (102.30-102.33)</p> <p>EOH at 108 m; 6 m of casing left in place</p>	94.24	94.94	113528	0.70				
			96.85	98.55	113529	1.70	22.20	2.58	0.15	0.27
94.24	94.79	<p>SZ</p> <p><b>Shear zone 37°</b></p> <p>Shear zone oriented at 37° CA; presence of reddish brown phlogopite; Tr to 1% PO-PY-CP</p>								
103.45	104.27	<p>SZ</p> <p><b>Shear zone 36°</b></p> <p>Shear zone oriented at 36° CA; lower section is strongly fractured, cataclased, CL+ with QZ injection</p>	106.10	107.10	113530	1.00	11.06	0.80	0.06	0.11
			107.10	108.00	113531	0.90	11.22	0.70	0.05	0.09
108.00	<p>End of DDH</p> <p>Number of samples: 45</p> <p>Number of QAQC samples: 1</p> <p>Total sampled length: 57.12</p>									

# Apella Resources Inc.

**DDH: MA-10-17**

Claims title: CDC 109863

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2010-02-07

Description date: 2010-02-08

To: 2010-02-08

**Collar**

UTM

Azimuth: 176.08°

East 325 204.65

Dip: -42.77°

North 5 511 710.77

Length: 102.00 m

Elevation 287.00

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	102.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 9 m of casing left in place.

Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:

17.85-24.10: 53.06% Fe2O3, 8.72% TiO2, 0.32% V (0.57% V2O5 equivalent) over 6.25 m;

25.35-26.66: 40.50% Fe2O3, 5.99% TiO2, 0.28% V (0.50% V2O5 equivalent) over 1.31 m;

27.97-28.97: 48.44% Fe2O3, 9.32% TiO2, 0.37% V (0.66% V2O5 equivalent) over 1.00 m;

33.97-35.22: 57.80% Fe2O3, 11.17% TiO2, 0.44% V (0.79% V2O5 equivalent) over 1.25 m;

37.00-42.10: 65.55% Fe2O3, 14.48% TiO2, 0.50% V (0.90% V2O5 equivalent) over 5.10 m;

57.10-58.35: 37.75% Fe2O3, 6.36% TiO2, 0.29% V (0.52% V2O5 equivalent) over 1.25 m;

Core size: NQ core

Cemented: No

Stored: Yes

## Apella Resources Inc.

63.00-66.90: 40.15% Fe<sub>2</sub>O<sub>3</sub>, 7.12% TiO<sub>2</sub>, 0.34% V (0.61% V<sub>2</sub>O<sub>5</sub> equivalent) over 3.90 m;  
68.15-69.40: 44.34% Fe<sub>2</sub>O<sub>3</sub>, 7.55% TiO<sub>2</sub>, 0.40% V (0.71% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m;  
96.75-98.50: 46.48% Fe<sub>2</sub>O<sub>3</sub>, 7.77% TiO<sub>2</sub>, 0.43% V (0.77% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.75 m.

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	9.00	OV <b>Overburden</b> 9 m of casing left in place								
9.00	15.35	I3A <b>Gabbro</b> Light beige and green, massive, medium-grained (5 mm) gabbro composed of equal amount of subedral PG and green CL+ AM as intergrowth material; 1-2% disseminated iron oxides; minor amount of thin CB stringers filling fractures; moderately to fairly fractured; orange brown LM stains filling open fractures; locally EP+ with brecciated aspect	12.35	13.85	113533	1.50	15.80	1.65	0.09	0.16
			13.85	15.35	113534	1.50	17.26	2.07	0.10	0.18
15.35	23.00	SMIOL; MIOL <b>Semi-massive iron oxide layer; Massive iron oxide layer</b> Semi-massive to massive (30-70%) iron oxides layer associated with dark green, short, subedral (1-2 mm) CL+ mafic mineral and minor amount of slightly EP+ and SR+ PG; magmatic layering varying from 35° to 45° CA; upper section is strongly fractured (20, 30°, 35° and 45° CA) with pluridecimeteric wide intervals of grinded core; intervals of strongly fractured medium-grained gabbro was intersected at 15.65-16.20 and 16.40-18.00	15.35	16.60	113535	1.25	35.53	3.58	0.17	0.30
			16.60	17.85	113536	1.25	28.68	2.33	0.10	0.18
			17.85	19.10	113537	1.25	49.46	6.20	0.28	0.50
			19.10	20.35	113538	1.25	58.27	9.85	0.32	0.57
			20.35	21.60	113539	1.25	57.40	11.08	0.35	0.62
			21.60	22.85	113540	1.25	60.10	11.29	0.41	0.73
23.00	26.66	I3A; MG <b>Gabbro; Medium-grained</b> Disseminated (15-20%) iron oxides mineralization associated with a well foliated - layered - (45° CA) medium-grained (2-5 mm) gabbroic rock composed of equal amount of light grey subedral SR+ PG and CL+ AM; the upper section (23.00 to 24.21) is interlayered with 30% semi-massive iron oxides layers (2-10 cm) associated with dark green prismatic CL+ mafic minerals and oriented at 45° CA; moderately fractured at 22°. 35° and 45° CA with CL filling; CL+	24.10	25.35	113542	1.25	34.97	4.82	0.21	0.37
			25.35	26.66	113543	1.31	40.50	5.99	0.28	0.50
26.66	27.97	APH I2; POR <b>Aphanitic intermediate rock; Porphyritic</b> Dark grey, aphanitic and porphyritic intermediate rock; 10% subedral PG microphenocrysts (1-2 mm); strongly fractured at 35°, 45°, 70° with CL filling;	26.66	27.97	113544	1.31	16.10	2.21	0.07	0.12



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
27.97	28.52	contacts are strongly CL+; U/C fractured; L/C oriented at 45° CA I4ZM <b>Magnetitite</b>	27.97	28.97	113545	1.00	48.44	9.32	0.37	0.66
28.52	34.00	80% iron oxides; Tr PO and PY; L/C is strongly CL+ I3A; SMIOL; MG <b>Gabbro; Semi-massive iron oxide layer; Medium-grained</b>	28.97	30.22	113546	1.25	18.56	1.85	0.09	0.16
			30.22	31.47	113547	1.25	34.85	5.80	0.27	0.48
			31.47	32.72	113548	1.25	35.95	5.72	0.26	0.46
		Greyish green, medium-grained (2 mm) gabbro; low content of iron oxides; interlayered with 3	32.72	33.97	113549	1.25	25.66	2.69	0.12	0.21
		semi-massive (30-40%) sheared (30° CA) iron oxides layers varying from 15 to 60 cm and associated with a strong CL alteration; strongly fractured; strongly broken core with poor core recovery from 33.50-34.40 - fault zone	33.97	35.22	113550	1.25	57.80	11.17	0.44	0.79
34.00	35.00	SMIOL; MIOL <b>Semi-massive iron oxide layer; Massive iron oxide layer</b>								
		Strongly fractured (15° and 35° CA) unit; semi-massive to massive (40-70%) iron oxides layer; gangue minerals consist of dark green anedral mafic minerals (1-2 mm) partially to completely altered with CL; CL-PY filling fractures; poor core recovery								
35.00	37.00	I3I; MG <b>Anorthositic gabbro; Medium-grained</b>	35.22	36.22	113601	1.00	14.18	1.62	0.07	0.12
		Grey, medium-grained (2 mm) anorthositic gabbro; composed of 80% light grey subedral PG and 20% CL+ AM filling interstices; non magnetic unit; up to 10% PY-CP filling fractures between 36.60-37.00; strongly fractured	36.22	37.00	113602	0.78	14.05	0.66	0.04	0.07
37.00	42.10	MIOL; MG <b>Massive iron oxide layer; Medium-grained</b>	37.00	38.25	113603	1.25	67.34	15.89	0.51	0.91
		Massive (60-80%) iron oxides layer; 1-2% CB-CL stringers oriented at 15°, 35° and 60° CA; Tr of disseminated PY; U/C fractured; L/C at 72° CA;	38.25	39.50	113604	1.25	66.50	14.79	0.49	0.87
		magmatic layering at 48° CA; overall excellent recovery with few intervals of strongly broken core (38.00-38.20, 39.00-39.63 and 40.36-40.57)	39.50	40.75	113605	1.25	66.77	14.40	0.53	0.95
			40.75	42.10	113606	1.35	61.88	12.95	0.48	0.86
42.10	75.93	I3A <b>Gabbro</b>	42.10	43.35	113607	1.25	25.56	3.74	0.19	0.34
			43.35	44.60	113608	1.25	33.70	5.28	0.27	0.48

## Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
	Heterogeneous unit comprises grey and green, medium-grained (3-5 mm) gabbro composed of equal amount of subedral PG cumulates and CL+ AM and less than 3% disseminated MG; interlayered with 30-50% dark green, medium-grained (2 mm), melanocratic AM+ and CL+ layers associated with 10-30% iron oxides; melanocratic layers range from 2 to 40 cm and are oriented at 45°-47° CA - magmatic layering -; few magnetite layers (5-50 cm) were observed between 64.43-69.20; intersected by medium-grained tonalitic and granitic dykes varying from 0.15 to 1.25 m; moderately fractured unit at 35° and 45° CA; upper section show fractures oriented at 20° CA with CL-CB-PY filling; gradational contact with the underlying unit	44.60	45.85	113609	1.25	16.85	2.18	0.11	0.20	
		45.85	47.10	113610	1.25	19.82	2.59	0.14	0.25	
		47.10	48.35	113611	1.25	26.94	4.13	0.22	0.39	
		48.35	49.60	113612	1.25	25.36	3.83	0.21	0.37	
		49.60	50.85	113613	1.25	18.45	2.80	0.15	0.27	
		50.85	52.10	113614	1.25	26.38	3.98	0.22	0.39	
		52.10	53.35	113615	1.25	25.44	3.91	0.21	0.37	
		53.35	54.60	113616	1.25	22.31	3.48	0.18	0.32	
54.05	54.34	I1D; MG; EQU	54.60	55.85	113617	1.25	20.95	2.14	0.12	0.21
		<b>Tonalite; Medium-grained; Equigranular</b>	55.85	57.10	113618	1.25	24.43	3.71	0.18	0.32
		Medium-grey to pinkish grey, weakly foliated, medium-grained (2 mm) tonalitic dyke; mainly composed of whitish subedral PG and pale rose K FP, anedral QZ and minor amount of finer-grained BO; contacts oriented at 60° CA	57.10	58.35	113619	1.25	37.75	6.36	0.29	0.52
			58.35	59.60	113621	1.25	24.95	3.64	0.17	0.30
58.75	58.92	I1D	59.60	60.85	113622	1.25	11.54	1.06	0.07	0.12
		<b>Tonalite</b>								
		Same as 54.05-54.34; siliceous, sheared and recrystallized; contacts oriented at 60° CA								
60.00	60.48	I1D; I1B	60.85	61.75	113623	0.90	19.82	2.51	0.13	0.23
		<b>Tonalite; Granite</b>	61.75	63.00	113624	1.25	28.30	4.22	0.20	0.36
		Medium-grained tonalitic to granitic injection; weakly foliated at 31° CA; U/C at 45° CA; L/C at 17° CA	63.00	64.25	113625	1.25	37.69	6.28	0.29	0.52
			64.25	65.50	113626	1.25	55.71	10.62	0.51	0.91
64.43	64.50	I4ZM								
		<b>Magnetitite</b>								
		Magnetitite layer oriented at 48° CA (magnetic layering); presence of CB stringers								
64.67	65.30	SMIOL; MIOL	65.50	66.90	113627	1.40	28.46	4.75	0.23	0.41
		<b>Semi-massive iron oxide layer;</b>								
		<b>Massive iron oxide layer</b>								
		40-80% iron oxides								
66.90	67.22	I1B; MG	66.90	68.15	113628	1.25	12.49	1.56	0.09	0.16

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		<b>Granite; Medium-grained</b> Pinkish grey, weakly foliated, medium-grained (2 mm) granitic dyke; U/C at 30° CA; L/C at 52° CA	68.15	69.40	113629	1.25	44.34	7.55	0.40	0.71
68.52	69.27	<b>SMIOL; MIOL</b>	69.40	70.65	113630	1.25	15.21	1.79	0.11	0.20
		<b>Semi-massive iron oxide layer;</b> <b>Massive iron oxide layer</b> 30-75% iron oxides	70.65	72.00	113631	1.35	19.49	2.59	0.14	0.25
72.08	73.50	<b>I1D; MG</b>	73.50	74.85	113632	1.35	12.74	1.93	0.11	0.20
		<b>Tonalite; Medium-grained</b> As previously described; crosscutted by a 13 cm wide whitish to rose aplitic injection; U/C 55° CA; L/C at 64° CA	74.85	75.93	113633	1.08	29.58	5.21	0.27	0.48
75.50	75.51	<b>ML</b> <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA								
75.93	81.70	<b>I3I</b>	75.93	77.18	113634	1.25	13.23	1.61	0.09	0.16
		<b>Anorthositic gabbro</b>	79.49	80.99	113635	1.50	13.74	2.03	0.11	0.20
		Grey and green with speckled aspect, coarse-grained (5 mm) anorthositic gabbro composed of 70-80% of subedral PG cumulates and 20-30% green CL+ AM as intercumulate material; 2-3% iron oxides; poorly fractured; minor pluricentimetric wide, coarse-grained (5 mm) anorthosite layers; gradational contact with the underlying unit	80.99	82.24	113636	1.25	21.78	2.82	0.16	0.29
81.70	82.36	<b>I3AMG; MG</b> <b>Ferrogabbro; Medium-grained</b> Medium-grained (3-4 mm) ferrogabbro; 15-40%; Tr of disseminated SF	82.24	83.49	113637	1.25	24.46	3.27	0.18	0.32
82.36	82.89	<b>I3I; I3A</b> <b>Anorthositic gabbro; Gabbro</b> Coarse-grained (5 mm) anorthositc gabbro to gabbro; slightly EP+; very low content of iron oxides								
82.89	84.47	<b>I3A; MG</b> <b>Gabbro; Medium-grained</b> Same as 81.70-82.36; 10-25% iron oxides	83.49	84.49	113638	1.00	18.20	2.30	0.14	0.25
84.47	84.49	<b>I3I; I3A</b> <b>Anorthositic gabbro; Gabbro</b> Same as 82.36-82.89								

## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
84.49	88.48	<b>APH I2</b> <b>Aphanitic intermediate rock</b> Dark grey, massive, aphanitic to very fine-grained intermediate rock; presence of anedral PG microphenocrysts (0.5-1 mm) with possible clast (6 cm) of medium-grained gabbro at 84.73 and anorthosite clast (20 cm) with PG cumulate on the lower contact; U/C at 63° CA; L/C at 85° CA									
88.48	102.00	<b>I3I; CG</b> <b>Anorthositic gabbro; Coarse-grained</b> Grey and green with speckled aspect anorthositic gabbro composed of 70% light grey subedral PG and 30% CL+ AM as intergrowth material; Tr to 3% iron oxides; Tr of disseminated PO and PY; poorly fractured unit at 38° and 47° CA and locally at 17° CA; disseminated to semi-massive (15-50%) iron oxides mineralization associated with few magnetite layers (4-16 cm) trending at 70° CA were encountered between 96.82 and 98.43 m  EOH at 102 m; Casing left in place	95.25	96.75	113639	1.50	18.20	2.36	0.13	0.23	
			96.75	98.50	113640	1.75	46.48	7.77	0.43	0.77	
			98.50	99.75	113641	1.25	21.39	1.85	0.12	0.21	
			99.75	101.00	113642	1.25	17.69	1.70	0.10	0.18	
			101.00	102.00	113643	1.00	17.85	0.95	0.06	0.11	
102.00	End of DDH Number of samples: 60 Number of QAQC samples: 1 Total sampled length: 75.08										

## Apella Resources Inc.

<b>DDH: MA-10-18</b>	Claims title: CDC 109864	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chihougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, . Geo	From: 2010-02-08	Description date: 2010-02-10
	To: 2010-02-09	

**Collar**

Azimuth: 186.23°		UTM
Dip: -45.03°	East	325 305.08
Length: 120.00 m	North	5 511 706.90
	Elevation	285.17

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	120.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 24 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 77.22-80.89: 67.94% Fe2O3, 14.72% TiO2, 0.50% V (0.90% V2O5 equivalent) over 3.67 m;  
 82.10-88.95: 45.96% Fe2O3, 8.47% TiO2, 0.35% V (0.62% V2O5 equivalent) over 6.85 m;  
 91.45-95.86: 55.48% Fe2O3, 11.08% TiO2, 0.46% V (0.83% V2O5 equivalent) over 4.41 m.

Core size: NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	24.00	OV Overburden 24 m of casing left in place								
24.00	77.22	I3A; CG <b>Gabbro; Coarse-grained</b> Fairly homogeneous unit comprises grey and green with speckled aspect, weakly foliated, coarse-grained (5 mm) gabbro; composed of 60-65% of subedral light grey and beige PG cumulates and 35-40% CL+ AM as intercumulates material; weakly magnetic unit with 1-3% iron oxides; crosscutted by decimetric to plurimetric wide, medium-grained tonalitic dykes; interlayered with minor coarse-grained, dark green, medium-grained MG-bearing CL+ melanocratic forming decimetric wide interlayers getting more abundant close to the lower contact; moderately to poorly fractured unit (23°, 47°); excellent core recovery								
25.50	27.00	I1D; MG <b>Tonalite; Medium-grained</b> Grey, poorly foliated, equigranular, medium-grained (1-2 mm) tonalite dyke mainly composed of whitish subedral PG, interstitial QZ and <10% mafic minerals (BO-CL); strongly fractured at 20° and 43° CA; U/C at 21° CA; L/C fractured								
28.15	29.05	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C at 69° CA; L/C at 53° CA								
37.51	41.49	I3A; MG <b>Gabbro; Medium-grained</b> Grey and green, medium-grained (4-5) gabbro composed of equal amount of PG cumulates and CL+ AM; low iron oxides content; slightly deformed with foliation varying from 45° to 28° CA								
42.48	44.13	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C at 50° CA; L/C at								

# Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
52.26	52.61	53° CA; crosscutted by a coarse-grained granitic dykelet (2 cm) oriented at 45° CA I1D; MG <b>Tonalite; Medium-grained</b> As previously described; with contacts undulating along CA							
52.85	52.94	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C undulating at 48° CA; L/C at 67° CA							
53.06	53.13	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C at 65° CA; L/C at 53° CA							
56.48	56.67	APH I2 <b>Aphanitic intermediate dyke</b> Dark grey aphanitic intermediate dyke; contacts oriented at 55° CA							
56.67	56.89	SZ <b>Shear zone 70°</b> Shear (70° CA) zone affecting gabbroic rock							
57.56	58.46	69.72	70.97	113644	1.25	12.73	1.54	0.08	0.14
70.82	75.83	APH I2 <b>Aphanitic intermediate dyke</b> As previously described; U/C fractured; L/C oriented at 55° CA							
		70.97	72.22	113645	1.25	13.26	1.64	0.08	0.14
		72.22	73.47	113646	1.25	15.44	1.63	0.09	0.16
		73.47	74.72	113647	1.25	18.62	2.42	0.13	0.23
75.83	76.00	74.72	75.97	113648	1.25	19.39	2.57	0.14	0.25
		Coarse-grained anorthositic gabbro interlayered with 10% MG-bearing, medium-grained (2 mm) melanocratic AM+ and CL+ layers (3-18 cm) associated with 10-15% MG; magmatic layering oriented at 65° CA							
75.83	76.00	75.97	77.22	113649	1.25	19.23	3.20	0.12	0.21
76.84	77.04	CL+ <b>Chloritization</b> Strongly CL+ interval; strongly broken core							
		CL+ <b>Chloritization</b> Same as 75.83-76							

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
77.04	77.22	APH I2 <b>Aphanitic intermediate dyke</b> Dark grey, aphanitic intermediate rock; 25% CB±PY±CP veins (<2 cm) and stringers trending at 61° CA; U/C fractured; L/C at 64° CA								
77.22	80.89	MIOL; I4ZM; MG <b>Massive iron oxide layer; Magnetitite; Medium-grained</b> >80% iron oxides (MG); 3% CB filling fractures mostly oriented at 42° CA and locally at 13° CA; Tr PO-PY; magmatic layering at 63° CA; moderately fractured; excellent core recovery; U/C at 64° CA; L/C at 65° CA	77.22	78.47	113650	1.25	68.03	14.97	0.48	0.86
			78.47	79.72	113651	1.25	70.33	15.49	0.52	0.93
			79.72	80.89	113652	1.17	65.30	13.64	0.51	0.91
80.89	82.10	I3I; I3A <b>Anorthositic gabbro; Gabbro</b> Heterogeneous unit comprises deformed and slightly EP+ and CL+ greyish green, coarse-grained, anorthositic gabbro and medium-grained gabbro; Tr of disseminated PY-CP; injected by deformed CB veins (<1 cm) and stringers	80.89	82.10	113653	1.21	20.73	1.68	0.09	0.16
80.89	81.00	APH I2 <b>Aphanitic intermediate dyke</b> Same as 77.04-77.22; crosscutted by a CB vein (1.5 cm)								
82.10	86.45	MIOL; I4ZM; MG <b>Massive iron oxide layer; Magnetitite; Medium-grained</b> Massive (50-70%) iron oxides mineralization; with <5% semi-massive (20-40%) iron oxides interlayers (<10 cm); Tr to 1% PO; magmatic layering oriented at 66° CA; moderately fractured at 25-35° CA with CL± PY filling; sharp U/C at 73° CA; L/C at 70° CA	82.10	83.35	113654	1.25	46.02	8.59	0.35	0.62
			83.35	84.60	113655	1.25	58.71	11.82	0.46	0.82
			84.60	85.85	113656	1.25	58.02	11.28	0.45	0.80
			85.85	86.45	113657	0.60	49.10	8.96	0.36	0.64
86.45	93.32	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Heterogeneous unit comprises interlayered disseminated and semi-massive (20-40%) iron oxides layers; silicates are SR+ and CL+; magnetitite layer intersected between 92.09 and 92.72; magmatic	86.45	87.70	113658	1.25	31.72	5.07	0.23	0.41
			87.70	88.95	113659	1.25	33.84	5.34	0.25	0.45
			88.95	90.20	113660	1.25	26.02	4.28	0.21	0.37
			90.20	91.45	113661	1.25	29.42	4.32	0.20	0.36
			91.45	92.70	113662	1.25	48.86	9.22	0.39	0.70
			92.70	93.32	113663	0.62	39.46	6.55	0.28	0.50



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
93.20	93.21	ML layering oriented at 60°-65° CA; moderately fractured unit at 15°, 20° and 40° CA <b>Magmatic layering 66°</b> Well defined magmatic layering oriented at 66° CA								
93.32	95.86	M10L; I4ZM <b>Massive iron oxide layer; Magnetite</b> Section composed of 95% medium to coarse-grained (1-10 mm) magnetite interlayered with 5% medium-grained gabbroic layers (0.5-4 cm) oriented at 60°-70° CA; Tr of disseminated PO-PY; well defined magmatic layering; moderately fractured at 33°, 40° and 15° CA	93.32 94.57	94.57 95.86	113664 113665	1.25 1.29	66.42 58.98	13.75 12.48	0.58 0.51	1.04 0.91
95.86	99.37	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C at 64° CA; L/C at 78° CA	95.86	97.11	113666	1.25	2.85	0.23	0.02	0.04
99.37	108.85	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Unit comprises mostly grey and green with speckled aspect, coarse-grained (5-7 mm) anorthositic gabbro composed of 70-80% subedral PG cumulates and 20-30% green CL+ AM; weakly magnetic unit with <2% iron oxides; few medium-grained granitic and injection (<1 cm); interlayered with 10% dark grey and green, medium-grained (2 mm) AM+ and CL+ melanocratic layers (5-40%) forming semi-massive (30-40%) iron oxides zones oriented at 60°-70° CA; medium-grained (2 mm) ferrogabbro (10-15% MG) with semi-massive (40%) iron oxides mineralization have been also intersected from 103.95 to 104.49 and 105.05-105.41; poorly fractured unit; excellent core recovery	99.37 100.62 101.87 103.12 104.37 105.62 106.87 108.12	100.62 101.87 103.12 104.37 105.62 106.87 108.12	113667 113668 113669 113670 113671 113672 113673 113674	1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	13.36 23.82 21.15 17.77 18.34 19.08 8.29 14.71	1.48 3.74 3.07 2.52 2.24 3.15 0.94 1.59	0.08 0.19 0.17 0.14 0.12 0.16 0.06 0.10	0.14 0.34 0.30 0.25 0.21 0.29 0.11 0.18
108.85	120.00	I3A <b>Gabbro</b> Homogeneous unit; same as 24.00-77.22 with <1% disseminated iron oxides; weakly foliated at 60° CA; intersected by few medium-grained tonalitic dykes (<17 cm) in minor; poorly fractured at 28° and 50° CA								

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
112.54	112.63	EOH at 120 m; 24 m of casing left in place EP+ <b>Epidotization</b> EP+; with a brecciated aspect							
114.02	114.21	I1D; MG <b>Tonalite; Medium-grained</b> As previously described							
115.91	116.03	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 60° CA							
116.63	116.69	I1D; MG <b>Tonalite; Medium-grained</b> As previously described							
120.00	End of DDH Number of samples: 31 Number of QAQC samples: 1 Total sampled length: 37.39								

## Apella Resources Inc.

<b>DDH: MA-10-19</b>	Claims title: CDC 109864	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P.Geo	From: 2010-02-09	Description date: 2010-02-11
	To: 2010-02-11	

Collar

Azimuth: 177.80°  
 Dip: -45.38°  
 Length: 114.00 m

UTM

East	325 354.44
North	5 511 694.75
Elevation	284.24

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	114.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 33 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 32.23-38.50: 45.02% Fe2O3, 8.62% TiO2, 0.34% V (0.61% V2O5 equivalent) over 6.27 m;  
 75.43-78.12: 50.75% Fe2O3, 7.90% TiO2, 0.35% V (0.63% V2O5 equivalent) over 2.69 m;  
 81.30-96.10: 47.18% Fe2O3, 8.70% TiO2, 0.36% V (0.65% V2O5 equivalent) over 14.80 m.

Core size: NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	31.86	OV Overburden 33 m of casing left in place								
31.86	32.23	I3A; VCG Gabbro; Very coarse-grained Boulder?; Greenish beige and dark green, very coarse-grained gabbro composed of equal amount of slightly EP+ PG cumulates (0.5-1 cm) and dark green AM as intercumulates material; 3% iron oxides; pieces of core varying from 3-10 cm								
32.23	41.50	FZ Fault Zone Fault zone affecting medium-grained gabbro and semi-massive to massive (40-50%) iron oxides layer; strongly fractured and broken core; 30-40% pieces of core varying from <1 to 1 cm; numerous sandy to silty intervals; RQD - 8% - very poor recovery; gabbroic rock are strongly EP+, CL+ and crosscutted by minor CB stringers; semi-massive to massive iron oxides layer intersected between 32.23 to 36.80 m	32.23	33.00	113676	0.77	52.23	10.18	0.40	0.71
			33.00	36.00	113677	3.00	51.74	10.08	0.39	0.70
			36.00	38.50	113678	2.50	34.74	6.40	0.26	0.46
			38.50	39.75	113679	1.25	14.68	2.46	0.10	0.18
41.50	75.43	I3A; CG Gabbro; Coarse-grained Homogeneous unit comprises grey and green with speckled aspect, weakly foliated (50° CA), coarse-grained (5 mm) gabbroic rock; composed of 60-70% subedral light grey and beige PG cumulates and 30-40% green CL+ AM as intercumulates material; weakly magnetic unit with 1-3% iron oxides; pervasive EP alteration from 41.50 to 46.70 m; intersected by several plurimetric wide, medium-grained tonalitic and granitic intrusion; minor dark green, coarse-grained, CL+ melanocratic centimetric to pluricentimetric wide interlayers getting more abundant mineralized close to the lower contact; mafic minerals content increases at depth; upper section is fairly fractured from 41.50 to 43.30; moderately to poorly fractured unit (25° and 40°); excellent recovery								
49.00	49.01	FO								

# Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
51.33	54.33	<b>Foliation</b> Foliation oriented at 45° CA <b>I1D</b> <b>Tonalite</b> Grey, weakly foliated (33° CA), equigranular, medium-grained (1-2 mm) tonalitic dyke; composed of whitish subedral PG, interstitial QZ and 15% mafic minerals (BO-CL); weakly fractured at 25° CA; crosscutted by a pale rose medium-grained, sheared and S+ granitic intrusion with contacts oriented at 38° CA and intersected between 52.23 and 52.90; U/C at 39° CA; L/C at 64° CA							
62.18	63.16	<b>CB+</b> <b>Carbonatization</b> Alteration zone; strongly CB+							
63.16	64.27	63.35	63.95	113680	0.60				
		66.68	67.93	113681	1.25	14.14	1.72	0.09	0.16
		<b>I3A; PEG</b> <b>Gabbro; Pegmatitic</b> Well developed cumulate (1 cm) texture; with decimetric wide, anorthosite interlayer with subedral PG cumulates (1 cm)							
67.00	67.01	67.93	69.18	113682	1.25	28.78	4.81	0.22	0.39
		<b>FO</b> <b>Foliation 60°</b> Foliation oriented at 60° CA							
67.98	75.43	69.18	70.43	113683	1.25	17.47	2.25	0.11	0.20
		70.43	71.68	113684	1.25	18.16	2.33	0.12	0.21
		71.68	72.93	113685	1.25	18.38	2.44	0.13	0.23
		72.93	74.18	113686	1.25	17.67	2.30	0.12	0.21
		74.18	75.43	113687	1.25	24.52	3.44	0.17	0.30
		Medium-grained gabbro with disseminated (<5%) iron oxides mineralization interlayered with coarse-grained dark green, melanocratic centimetric to pluricentimetric wide layers associated with 10-15% iron oxides							
75.43	84.85	75.43	76.68	113688	1.25	48.43	6.11	0.30	0.54
		76.68	78.12	113689	1.44	52.76	9.45	0.40	0.71
		<b>SMIOL; MIOL</b> <b>Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous mineralized zone which consists of an alternance of semi-massive and massive (30-70%) iron oxides layers; magmatic layering oriented at 50-55° CA; Tr of disseminated PO±CP; minor amount of CB stringers; fairly fractured unit at 25° and 60° CA							

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
77.50	77.51	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA								
78.12	79.36	APH I3; MPOR <b>Aphanitic mafic rock; Microporphyritic</b> Dark grey, aphanitic, intermediate rock; microporphyritic with 5% subedral PG phenocrysts (1-2 mm); non magnetic unit; Tr of finely disseminated SF; strongly fractured at 25° and 60° CA; contacts fractured	78.12	79.36	113690	1.24	20.82	2.89	0.09	0.16
			79.36	80.61	113691	1.25	40.24	5.01	0.18	0.32
80.00	81.30	CL+ <b>Chloritization</b> Fractured, sheared and CL+ interval; disseminated (<10%) iron oxides mineralization	80.61	81.30	113692	0.69	23.84	3.06	0.12	0.21
			81.30	82.55	113693	1.25	46.55	8.43	0.34	0.61
			82.55	83.80	113694	1.25	50.21	9.37	0.38	0.68
			83.80	85.05	113695	1.25	47.39	8.53	0.35	0.62
84.40	84.41	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA								
84.85	94.14	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Alternance of well layered disseminated and semi-massive, centimetric to decimetric wide, iron oxides zones associated with medium-grained (2 mm) altered ferrogabbro mostly composed of variable amount of iron oxides (5-40%), SR and CL; presence of few magnetitite layers (<10 cm); magmatic layering oriented at 65° CA; poorly fractured unit at 35°, 65° and locally at 15° CA	85.05	86.30	113696	1.25	43.83	7.56	0.31	0.55
			86.30	87.55	113697	1.25	54.60	10.50	0.42	0.75
			87.55	88.80	113698	1.25	45.04	8.24	0.33	0.59
			88.80	90.05	113699	1.25	42.65	7.39	0.31	0.55
89.00	89.01	ML <b>Magmatic layering 53°</b> Magmatic layering oriented at 53° CA	90.05	91.30	113700	1.25	33.85	5.42	0.25	0.45
			91.30	92.55	113701	1.25	38.45	6.83	0.30	0.54
			92.55	93.80	113702	1.25	45.63	8.44	0.36	0.64
			93.80	95.05	113703	1.25	57.52	11.36	0.48	0.86
94.14	96.10	MIOL <b>Massive iron oxide layer</b> Massive (50-75%) MG mineralization; <10% weakly mineralized intervals (1 cm); magmatic layering oriented at 65°-70° CA; moderately fractured; fractures oriented along the magmatic layering and at	95.05	96.10	113704	1.05	62.96	13.09	0.53	0.95

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
95.75	95.76	ML 15° CA with CL-PY filling; minor CB stringers filling fractures <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA								
96.10	114.00	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Grey and green with speckled aspect, coarse-grained (5 mm) anorthositic gabbro composed of 70-80% subedral PG cumulates and 20-30% green CL+ AM; weakly magnetic unit with less than 2% MG; few dark green, CL+ melanocratic interlayers (<10 cm) associated with 10-15% iron oxides with contacts oriented at 55° CA (e.g.: 99.30-99.34, 104.66-104.72, 105.25-105.41, 110.64-110.72 & 109.05-109.09; poorly fractured unit at 25° and 42° CA; excellent core recovery	96.10	97.35	113705	1.25	16.87	2.40	0.11	0.20
			97.35	98.60	113706	1.25	11.68	1.31	0.07	0.12
			98.60	99.85	113707	1.25	17.18	2.65	0.13	0.23
			99.85	101.10	113708	1.25	9.26	0.97	0.06	0.11
			101.10	102.35	113709	1.25	12.43	1.55	0.09	0.16
			102.35	103.60	113710	1.25	10.11	1.16	0.07	0.12
			103.60	104.85	113711	1.25	10.57	1.33	0.07	0.12
			104.85	106.10	113712	1.25	16.03	2.30	0.12	0.21
		EOH at 114 m; casing left in place								
105.40	105.41	ML <b>Magmatic layering 56°</b> Magmatic layering oriented at 56° CA	106.10	107.35	113713	1.25	15.01	2.13	0.12	0.21
			107.35	108.60	113714	1.25	12.16	1.86	0.10	0.18
			108.60	109.85	113715	1.25	19.07	2.63	0.14	0.25
			109.85	111.10	113716	1.25	14.83	1.50	0.09	0.16
111.67	111.71	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalitic injection oriented at 55° CA								
114.00	End of DDH Number of samples: 41 Number of QAQC samples: 0 Total sampled length: 52.54									

# Apella Resources Inc.

<b>DDH: MA-10-20</b>	Claims title: CDC 109864	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P.Geo	From: 2010-02-11	Description date: 2010-02-12
	To: 2010-05-08	

**Collar**

Azimuth: 181.67°	UTM
Dip: -45.50°	East 325 801.38
Length: 231.00 m	North 5 511 601.84
	Elevation 286.45

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	114.00		-45.00°	No
Acid	150.00		-45.00°	No
Acid	231.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 18 m of casing left in place; extended 114 m-231m between May 6th and May 8th, 2010  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 19.81-34.16: 49.74% Fe2O3, 9.65% TiO2, 0.42% V (0.75% V2O5 equivalent) over 14.35 m;  
 137.80-140.30: 46.32% Fe2O3, 7.76% TiO2, 0.30% V (0.54% V2O5 equivalent) over 2.50 m;  
 142.80-156.35: 49.43% Fe2O3, 7.62% TiO2, 0.36% V (0.64% V2O5 equivalent) over 13.55 m;  
 208.65-216.71: 41.56% Fe2O3, 7.18% TiO2, 0.34% V (0.60% V2O5 equivalent) over 8.06 m.

Core size: NQ core	Cemented: No	Stored: Yes
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## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	18.00	OV Overburden 18 m of casing left in place								
18.00	19.81	I3A; CG <b>Gabbro; Coarse-grained</b> Grey and green coarse-grained gabbro; composed of equal amount of subedral PG cumulates and green CL+ AM as intercumulates material; 3% iron oxides; up to 1% PY; fractured; lower contact fractured	19.00	19.81	113717	0.81	17.46	2.66	0.11	0.20
19.81	31.66	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous semi-massive to massive (35-90%) iron oxides zone interlayered with minor well foliated, deformed, CL+, medium-grained gabbro with disseminated iron oxides; iron oxides mineralization is associated with a medium-grained (2-3 mm) altered ferrogabbro composed of variable amount of iron oxides, SR and CL; Tr of disseminated PO and PY; well defined magmatic layering oriented at 63° CA; presence of CB stringers; moderately to fairly fractured at 30°, 35°, 45° and 70°; intersected by 2 medium-grained, decimetric wide, tonalitic dykes at 25.67-25.77 and 26.00-26.09	19.81	21.06	113718	1.25	40.76	7.57	0.32	0.57
			21.06	22.31	113719	1.25	52.49	10.40	0.45	0.80
22.00	22.01	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	22.31	23.56	113721	1.25	62.83	12.92	0.56	1.00
			23.56	24.81	113722	1.25	53.99	11.02	0.48	0.86
24.13	24.20	VEI;2;Cb;;47°;; <b>Vein 2 Carbonate 47°</b> CB veins (<2 cm) and stringers oriented at 47° CA	24.81	26.06	113723	1.25	53.52	10.85	0.47	0.84
			26.06	27.31	113724	1.25	40.86	7.82	0.29	0.52
26.59	27.15	I3G; PEG <b>Anorthosite; Pegmatitic</b> Strongly deformed, EP+ and CL+ anorthosite; original texture is completely obliterated; foliation oriented at 63° CA; 5-10% MG as intercalate material	27.31	28.56	113725	1.25	45.32	8.96	0.37	0.66
			28.56	29.81	113726	1.25	56.05	10.90	0.49	0.87
29.15	29.16	ML <b>Magmatic layering 60°</b>	29.81	31.06	113727	1.25	58.79	11.22	0.53	0.95
			31.06	31.66	113728	0.60	62.00	12.08	0.57	1.02

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
31.66	35.20	Magmatic layering oriented at 60° CA DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Disseminated to semi-massive (10-40%) iron oxides mineralization associated with dark green, medium-grained, slightly deformed, CL+ melanocratic layers varying from 1-20 cm; interlayered with medium-grained, weakly mineralized with iron oxides medium-grained gabbroic layers; magmatic layering oriented at 65° CA	31.66	32.91	113729	1.25	37.72	6.44	0.28	0.50
			32.91	34.16	113730	1.25	38.88	6.84	0.29	0.52
			34.16	35.41	113731	1.25	29.20	4.79	0.21	0.37
31.66	32.00	CL+; CB+ <b>Chloritization; Carbonatization</b> Alteration zone with CL and CB								
35.20	135.30	I3A; MG; CG <b>Gabbro; Medium-grained; Coarse-grained</b> Fairly homogeneous unit comprises, beige and dark green with speckled aspect, weakly foliated, medium to coarse-grained (5-10 mm) gabbro composed of 50-60% subedral PG cumulates and 40-50% CL+ AM as intercumulates material; <5% disseminated MG; interlayered with dark green, medium-grained (2 mm), centimetric to decimetric wide, CL+ melanocratic (metaferropyroxenite) layers associated with disseminated to heavily disseminated (15-25%) vanadiferous MG; melanocratic layers are abundant between 35.20 and 47.22 m; crosscutted by several pluridecimetric to plurimetric wide, weakly foliated medium-grained (2 mm) tonalitic and granitic injections; poorly to moderately fractured at 30-35° CA; excellent recovery	35.41	36.66	113732	1.25	16.59	2.28	0.09	0.16
			36.66	37.91	113733	1.25	19.75	2.49	0.10	0.18
			37.91	39.16	113734	1.25	24.15	3.66	0.15	0.27
38.00	38.01	ML <b>Magmatic layering 65°</b> Magmatic layering oriented at 65° CA								
39.13	40.05	EP+; CB+; CL+ <b>Epidotization; Carbonatization; Chloritization</b> Alteration with EP, CL and CB	39.16	40.41	113735	1.25	20.01	2.03	0.10	0.18
			40.41	41.66	113736	1.25	21.61	3.13	0.13	0.23
			41.66	42.91	113737	1.25	18.51	2.72	0.12	0.21
			42.91	44.16	113738	1.25	14.65	2.25	0.08	0.14
			44.16	45.41	113739	1.25	17.81	2.64	0.11	0.20

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
46.95	46.96	ML <b>Magmatic layering 49°</b> Magmatic layering oriented at 49° CA	45.41	46.66	113740	1.25	19.01	2.64	0.12	0.21
			46.66	47.22	113741	0.56	29.02	5.15	0.22	0.39
47.22	49.45	I1D; MG <b>Tonalite; Medium-grained</b> Grey, weakly foliated (53° CA), medium-grained (1 mm) tonalite; mainly composed of PG-QZ and 10% mafic minerals (BO-CL); non magnetic unit; lower section is more fractured and injected by 1% thin CB stringers; U/C at 50° CA; L/C is sheared at 65° CA	47.22	48.47	113742	1.25	3.95	0.40	0.02	0.04
49.45	49.85	SZ <b>Shear zone 65°</b> Shear zone oriented at 65° CA; SI+ and EP+ with late CB stringers								
52.40	52.54	I1B; MG <b>Granite; Medium-grained</b> Pale rose and grey, medium-grained (3 mm) granitic injection; mainly composed of PG, K FP, QZ with minor amount of mafic minerals; U/C oriented at 57° CA; L/C fractured; contacts are sheared and CL+	53.85	55.10	113743	1.25	14.04	1.81	0.07	0.12
			55.10	56.35	113744	1.25	16.00	1.97	0.09	0.16
			56.35	57.60	113745	1.25	9.84	1.29	0.06	0.11
56.70	56.88	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; with sharp contacts oriented at 44° CA								
57.53	57.57	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; with contacts oriented at 53° CA	57.60	59.20	113746	1.60	19.91	2.30	0.10	0.18
58.97	59.04	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 60° CA	59.20	60.45	113747	1.25	17.42	1.62	0.09	0.16
			60.45	61.70	113748	1.25	15.91	1.77	0.09	0.16
62.50	62.51	FO <b>Foliation 55°</b>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
68.92	70.04	Foliation oriented at 55° CA I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C at 86° CA; L/C at 63° CA								
70.48	70.60	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; with contacts oriented at 72° CA	71.15	72.15	113749	1.00	14.35	0.95	0.07	0.12
72.15	72.16	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	72.15	73.30	113750	1.15	14.91	1.40	0.07	0.12
			73.30	74.55	113751	1.25	22.65	3.30	0.13	0.23
			74.55	75.80	113752	1.25	9.75	0.95	0.05	0.09
75.12	75.21	I1B; MG <b>Granite; Medium-grained</b> Beige to pale rose, medium-grained granitic injection with contacts oriented at 70° CA								
75.21	76.03	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; presence of gabbroic and anorthostic clasts (3 cm); U/C at 70° CA; L/C at 56° CA								
77.88	78.34	I1D; MG <b>Tonalite; Medium-grained</b> Grey, massive, equigranular, medium-grained (2 mm); mostly composed of whitish PG and minor amount of K FP, 40% anedral QZ and 10% mafic minerals (BO-CL); U/C oriented at 27° CA; L/C at 18° CA								
78.48	78.65	I1D; FG <b>Tonalite; Fine-grained</b> Same as 75.21-76.03; finer-grained; with contacts oriented at 18° CA								
78.69	78.70	VEI;2;Qz;;33°;; <b>Vein 2 Quartz 33°</b> QZ vein (1-2 cm) oriented at 33° CA; no visible mineralization								
79.00	79.24	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; weakly foliated at 46°								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
80.00	80.01	CA ML <b>Magmatic layering 55°</b> Magmatic layering oriented at 55° CA								
82.07	82.12	I1B; VCG <b>Granite; Very coarse-grained</b> Very coarse-grained granitic injection; graphic texture; contacts oriented at 68° CA								
82.22	84.74	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; weakly foliated at 61° CA								
87.00	87.48	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C at 62° CA; L/C at 89° CA	88.09	89.34	113753	1.25	22.09	3.10	0.10	0.18
88.19	89.33	I3G; PEG <b>Anorthosite; Pegmatitic</b> Pegmatitic texture with PG forming subbedral grains ranging from 1.5 to 6 cm; CL+ and EP+; 15% MG forming irregular masses (1.5 to 2 cm); Tr of PY; minor amount of EP; U/C at 68° CA; L/C at 45° CA								
94.22	94.23	ML <b>Magmatic layering 55°</b> Magmatic layering oriented at 55° CA								
95.45	96.70	APH I2 <b>Aphanitic intermediate rock</b> Very pale green, massive, aphanitic to very fine-grained intermediate rock; U/C at 7° CA with CL alteration and numerous CB stringers; L/C at 31° CA								
102.04	102.42	I3G; PEG <b>Anorthosite; Pegmatitic</b> Pale grey pegmatitic anorthosite with PG cumulates forming subbedral grains varying from 1 to 2.5 cm; CL and MG filling interstices	102.45	103.70	113754	1.25	18.45	2.23	0.10	0.18
			103.70	104.95	113755	1.25	22.86	3.09	0.14	0.25
			104.95	106.20	113756	1.25	18.07	2.73	0.12	0.21
			106.20	107.45	113757	1.25	16.91	2.08	0.09	0.16
106.85	107.30	I3A; CG; PEG <b>Gabbro; Coarse-grained; Pegmatitic</b> Coarse-grained to pegmatitic gabbro; subbedral	107.45	108.70	113758	1.25	18.57	2.60	0.11	0.20

# Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
	PG cumulates varying from 0.5 to 1.5 cm; CL and MG (10%) forming intercumulates material; Tr-1% PY									
108.27	109.33	I3G; PEG	108.70	109.95	113759	1.25	14.59	1.69	0.08	0.14
		<b>Anorthosite; Pegmatitic</b>	109.95	111.20	113760	1.25	12.84	1.50	0.07	0.12
		Same as 88.19-89.33 with more abundant PG cumulates; 5% MG; Tr PY; U/C at 32° CA; L/C at 58° CA	111.20	112.45	113761	1.25	15.99	2.14	0.10	0.18
			112.45	114.00	113762	1.55	17.49	2.21	0.10	0.18
112.60	112.61	ML								
		<b>Magmatic layering 53°</b>								
		Magmatic layering oriented at 53° CA								
117.82	118.00	SZ								
		<b>Shear zone 61°</b>								
		Shear zone oriented at 61° CA								
118.39	118.81	I1D; MG	119.50	121.00	113951	1.50	12.37	1.74	0.08	0.14
		<b>Tonalite; Medium-grained</b>	121.00	122.50	113952	1.50	13.20	1.75	0.08	0.14
		As previously described; U/C 50° CA; U/C 40° CA	122.50	124.00	113953	1.50	14.14	1.87	0.08	0.14
			124.00	125.25	113954	1.25	25.69	3.95	0.16	0.29
124.80	125.15	APH I2	125.25	126.50	113955	1.25	15.85	2.51	0.11	0.20
		<b>Aphanitic intermediate rock</b>								
		Same as 95.45-96.70; CB+; U/C oriented at 12° CA; fractured L/C								
125.48	126.11	I1D; MG	126.50	128.00	113956	1.50	17.59	2.41	0.09	0.16
		<b>Tonalite; Medium-grained</b>	128.00	129.00	113957	1.00	24.59	2.93	0.12	0.21
		As previously described; fractured U/C; L/C oriented at 30° CA								
128.12	129.62	SZ	129.00	130.00	113958	1.00	23.67	3.11	0.15	0.27
		<b>Shear zone 63°</b>	130.00	131.50	113959	1.50	18.91	2.71	0.12	0.21
		Strongly CL+ shear zone oriented at 63° CA; 5-20% MG; up to 10% disseminated PY or forming very thin stringers oriented along foliation; crosscutted by few thin CB stringers oriented at low angle to CA	131.50	133.00	113960	1.50	9.75	1.33	0.07	0.12
132.19	133.25	I1D; MG	133.00	134.50	113961	1.50	15.14	1.91	0.09	0.16
		<b>Tonalite; Medium-grained</b>	134.50	135.30	113962	0.80	15.82	2.05	0.09	0.16
		As previously described; weakly foliated at 60° CA; U/C oriented at 65° CA; L/C oriented at 55° CA								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
135.30	156.35	DIOL; SMIOI; MIOI	135.30	136.55	113963	1.25	42.55	5.59	0.24	0.43
		<b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b>	136.55	137.80	113964	1.25	34.92	3.86	0.17	0.30
		Heterogeneous vanadiferous MG mineralization	137.80	139.05	113965	1.25	38.21	6.39	0.23	0.41
		varying from disseminated, semi-massive to massive (<50%); associated with greenish grey,	139.05	140.30	113966	1.25	54.43	9.12	0.37	0.66
		medium-grained (2 mm) altered ferrogabbro composed of variable amount of iron oxides, SR, CL; <10% weakly mineralized intervals less than 50 cm; moderately to strongly CL+; Tr amount of disseminated SF (PO-PY±CP); irregular masses (0.5-1 cm) of pale rose GR have been observed at 142.52 m; moderately fractured with fractures mostly oriented at 25°, 40°, 50°, 65° CA with CL±PY filling; lower portion (148.30-156.35) is well layered (55° CA) and consists of an alternance of disseminated, and semi-massive to massive (<60%) MG mineralization forming, centimetric to pluricentimetric wide interlayers; excellent recovery; contacts are deformed, CL+ and oriented at 55°-65° CA	140.30	141.55	113967	1.25	40.46	4.87	0.22	0.39
141.50	141.51	ML	141.55	142.80	113968	1.25	23.13	2.99	0.12	0.21
		<b>Magmatic layering 40°</b>	142.80	144.05	113969	1.25	40.44	5.79	0.26	0.46
		Magmatic layering oriented at 40° CA	144.05	145.30	113970	1.25	50.25	6.66	0.31	0.55
145.25	145.26	ML	145.30	146.55	113971	1.25	52.47	7.91	0.34	0.61
		<b>Magmatic layering 33°</b>	146.55	147.80	113972	1.25	36.60	5.95	0.24	0.43
		Magmatic layering oriented at 33° CA	147.80	149.05	113973	1.25	58.85	9.61	0.46	0.82
148.31	148.32	ML	149.05	150.30	113974	1.25	58.31	9.09	0.43	0.77
		<b>Magmatic layering 42°</b>	150.30	151.55	113976	1.25	42.56	6.16	0.27	0.48
		Magmatic layering oriented at 42° CA	151.55	152.80	113977	1.25	47.59	7.47	0.35	0.62
			152.80	154.05	113978	1.25	61.29	10.30	0.52	0.93
154.00	154.01	ML	154.05	155.30	113979	1.25	53.73	8.51	0.43	0.77
		<b>Magmatic layering 53°</b>	155.30	156.35	113980	1.05	40.13	6.14	0.31	0.55
		Magmatic layering oriented at 53° CA								
156.35	189.31	I3I; I3A; CG; VCG <b>Anorthositic gabbro; Gabbro; Coarse-grained; Very coarse-grained</b> Grey and green with speckled aspect, poorly foliated, coarse to very coarse-grained (0.5-1 cm) gabbro to	156.35	157.60	113981	1.25	15.30	1.79	0.09	0.16

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		anorthositic gabbro; composed of variable amount of light grey subedral PG cumulates (0.5-1 cm), dark green CL+ mafic minerals (25-40%) and MG (<5%) as intercumulates material; Tr to 5% disseminated PY; interlayered with minor amount of dark green, medium-grained (2 mm), CL+, centimetric to pluridecimetric wide, melanocratic layers associated with disseminated to heavily disseminated (15-30%) MG (e.g. 60.03-60.06 and 60.32-60.62); MG content is locally higher (15-20%) and associated with coarser-grained to pegmatitic gabbro (e.g. 168.72-169.25 and 178.50-178.64) with minor amount of SF (PO-PY±CP); poorly to moderately fractured (40° and locally at low angle to CA); interlayered with minor amount of coarse-grained to pegmatitic, decimetric to pluridecimetric wide, EP+ and CL+ anorthositic interlayers; crosscutted by tonalitic dykes (<1 m); excellent recovery								
156.93	157.73	CB+	157.60	159.10	113982	1.50	13.73	1.92	0.09	0.16
		<b>Carbonatization</b>	159.10	160.60	113983	1.50	23.53	3.59	0.18	0.32
		Alteration zone with CB; sheared; <1% SF (PO-PY-CP)	160.60	162.10	113984	1.50	21.92	3.54	0.17	0.30
			162.10	163.60	113985	1.50	9.54	0.98	0.06	0.11
163.89	164.57	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; with foliation oriented at 50° CA; U/C oriented at 40° CA; L/C oriented at 50° CA								
167.18	167.44	SZ <b>Shear zone 40°</b> Shear zone oriented at 40° CA								
174.65	175.03	CL+; EP+ <b>Chloritization, Epidotization</b> Alteration zone with CL and EP; up to 10% PY forming subedral grains (2-13 mm)								
177.00	177.29	APH I2 <b>Aphanitic intermediate rock</b> Greenish grey, massive, aphanitic to very fine-grained mafic rock; intersected by very thin CB stringers; non magnetic; fractured U/C;								



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
187.09	187.70	L/C at 50° CA I1D; MG <b>Tonalite; Medium-grained</b> As previously described								
189.31	194.39	I1D; POR <b>Tonalite; Porphyritic</b> Grey, massive to weakly foliated (60° CA), porphyritic tonalite; 25% subedral whitish PG set in a medium-grained (2 mm) matrix composed of grey PG, QZ and 15% finer-grained BO and CL; moderately fractured at 10-20° CA and 35°-45° CA; U/C at 85° CA; L/C at 65° CA								
194.39	206.15	I3I; MG <b>Anorthositic gabbro; Medium-grained</b> Light beige and green with speckled aspect, poorly foliated anorthositic gabbro mainly composed of subedral PG cumulates (5-7 mm) and 25-30% dark green CL+ AM; very low MG content; Tr to 2% disseminated PY; locally deformed; minor shear zone oriented at 40° CA; poorly fractured at 45° CA; excellent recovery	200.40	201.90	113986	1.50	9.22	0.81	0.05	0.09
			201.90	203.40	113987	1.50	11.38	0.99	0.06	0.11
202.60	203.25	SZ <b>Shear zone 50°</b> Shear zone oriented at 50° CA	203.40	204.90	113988	1.50	10.37	1.03	0.06	0.11
			204.90	206.15	113989	1.25	10.30	1.23	0.05	0.09
205.96	206.15	APH I2 <b>Aphanitic intermediate rock</b> As previously described; crosscutted by thin CB stringers oriented between 25°-65° CA								
206.15	216.71	DIOL; MIOL <b>Disseminated iron oxide layer; Massive iron oxide layer</b> Heterogeneous mineralization comprises alternance of disseminated (10-30%) and massive (50-80%) iron oxides zones; MG mineralization associated with greenish grey, medium-grained (2 mm) altered ferrogabbro composed of variable amount of MG, SR and CL; <5% poorly mineralized intervals; foliation varies from 55° to 70° CA; up to 5% disseminated SF (PO-PY±CP) or forming very thin stringers; weakly to strongly CB+; CB stringers are mainly oriented at 53°	206.15	207.40	113990	1.25	27.08	3.62	0.17	0.30
			207.40	208.65	113991	1.25	24.92	3.24	0.16	0.29
			208.65	209.90	113992	1.25	33.56	5.32	0.24	0.43
			209.90	211.15	113993	1.25	38.16	6.48	0.29	0.52
			211.15	212.40	113994	1.25	44.53	8.32	0.35	0.62
			212.40	213.65	113995	1.25	50.84	9.51	0.45	0.80
			213.65	214.90	113996	1.25	55.62	10.71	0.51	0.91
			214.90	215.90	113997	1.00	28.63	3.57	0.20	0.36
215.90	216.71	113998	0.81	34.56	4.78	0.25	0.45			

## Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
216.71	231.00	CA; massive iron oxides layers intersected at 211.76-212.10, 213.00-213.24, 213.35-213.78, 214.00-214.50 & 214.54-214.84; deformed and locally sheared (45° CA); parasitic fold has been observed at 215.18 m; moderately fractured with fractures mostly oriented at 20°, 45°, 60° CA; excellent recovery	216.71	217.96	113999	1.25	17.63	1.74	0.09	0.16
		I3A; CG <b>Gabbro; Coarse-grained</b> Homogeneous unit comprises grey and green, poorly to weakly foliated, coarse-grained (5-10 mm) gabbro; composed of equal amount of subbedral PG cumulates and CL+ mafic minerals as intercumulates material; PG locally EP+; 5-7% iron oxides; weakly to moderately magnetic unit; <1% PY; poorly fractured at 25° and, 40° and 45° CA in opposite direction; intersected by pluridecimeteric to metric wide, greenish grey, very fine-grained intermediate dykes; excellent recovery	217.96	219.46	171501	1.50	19.73	2.22	0.11	0.20
218.15	218.35	APH I2	219.46	220.96	171502	1.50	15.76	1.46	0.08	0.14
		<b>Aphanitic intermediate rock</b>	220.96	222.46	171503	1.50	19.52	1.79	0.09	0.16
		As previously described; contacts oriented at 30° CA	222.46	223.96	171504	1.50	16.95	1.46	0.08	0.14
			223.96	225.46	171505	1.50	22.73	1.87	0.10	0.18
			225.46	226.82	171506	1.36	19.39	1.75	0.10	0.18
226.82	228.08	APH I2	226.82	228.08	171507	1.26	8.32	0.88	0.03	0.05
		<b>Aphanitic intermediate rock</b>	228.08	229.58	171508	1.50	22.11	2.37	0.13	0.23
		As previously described; contacts oriented at 25° CA	229.58	231.00	171509	1.42	20.34	2.03	0.11	0.20
231.00	End of DDH Number of samples: 102 Number of QAQC samples: 3 Total sampled length: 129.47									

# Apella Resources Inc.

<b>DDH: MA-10-21</b>	Claims title: CDC 109864	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P.Geo	From: 2010-02-13	Description date: 2010-02-14
	To: 2010-02-14	

**Collar**

Azimuth: 180.00°  
 Dip: -45.00°  
 Length: 144.00 m

UTM

East	325 799.79
North	5 511 523.64
Elevation	282.98

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	144.00		-41.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; DDH surveyed with SX Blue GPS; 18 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 27.44-28.44: 38.28% Fe2O3, 6.27% TiO2, 0.28% V (0.50% V2O5 equivalent) over 1.00 m;  
 43.44-44.69: 45.40% Fe2O3, 6.22% TiO2, 0.29% V (0.52% V2O5 equivalent) over 1.25 m;  
 45.94-47.19: 44.23% Fe2O3, 6.22% TiO2, 0.30% V (0.54% V2O5 equivalent) over 1.25 m;  
 49.69-50.94: 45.45% Fe2O3, 5.84% TiO2, 0.28% V (0.50% V2O5 equivalent) over 1.25 m;  
 54.69-55.69: 44.51% Fe2O3, 6.08% TiO2, 0.28% V (0.50% V2O5 equivalent) over 1.00 m;  
 59.95-65.01: 52.07% Fe2O3, 9.45% TiO2, 0.45% V (0.80% V2O5 equivalent) over 5.06 m;

Core size: NQ core	Cemented: No	Stored: Yes
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## Apella Resources Inc.

97.01-104.25: 57.63% Fe<sub>2</sub>O<sub>3</sub>, 11.54% TiO<sub>2</sub>, 0.50% V (0.89% V<sub>2</sub>O<sub>5</sub> equivalent) over 7.24 m;  
115.54-121.79: 45.36% Fe<sub>2</sub>O<sub>3</sub>, 8.40% TiO<sub>2</sub>, 0.35% V (0.63% V<sub>2</sub>O<sub>5</sub> equivalent) over 6.25 m;  
123.04-130.54: 44.77% Fe<sub>2</sub>O<sub>3</sub>, 8.28% TiO<sub>2</sub>, 0.38% V (0.68% V<sub>2</sub>O<sub>5</sub> equivalent) over 7.50 m.

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	17.64	OV Overburden 18 m of casing left in place								
17.64	29.69	I3A; CG <b>Gabbro; Coarse-grained</b> Grey and green with speckled aspect, poorly foliated, coarse-grained (5 mm) gabbro composed of 70% pale grey subedral PG and 30% dark green CL+ AM as intergrowth material; weakly magnetic unit with 5% vanadiferous MG; Tr of disseminated SF (PY-PO); interlayered with few dark green, medium-grained (2-3mm), CL+, pluricentimetric decimetric wide, locally sheared, melanocratic layers associated with heavily disseminated (15-30%) vanadiferous MG; presence of coarse to very coarse-grained (1 cm) anorthositic layer; pale rose, subedral (1 mm) GR have been observed at 29 m; intersected by grey, medium-grained massive or weakly foliated, pluridecimetric wide, tonalitic dyke and greyish green, microporphyritic, intermediate dykes; moderately fractured at 25-30° and 50° CA								
21.94	23.00	APH I2; MPOR <b>Aphanitic intermediate rock; Microporphyritic</b> Greyish green, microporphyritic dykes; composed of 1-5% of subedral PG microphenocrysts (1-2 mm) set in a very fine-grained mafic groundmass; non magnetic unit; poorly fractured at 23° and 70° CA; sharp contacts; U/C at 27° CA; L/C undulating at 8° CA								
23.12	23.38	APH I2 <b>Aphanitic intermediate rock</b> Same as 21.94-23.00; U/C at 48° CA; L/C at 59° CA								
23.90	24.20	SZ <b>Shear zone</b> Deformed, sheared and CL+ melanocratic layer; strongly fractured core; 10% MG								
24.50	24.51	ML	24.94	26.19	113763	1.25	9.32	1.02	0.05	0.09

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
25.00	25.38	<b>Magmatic layering 38°</b> Magmatic layering oriented at 38° CA I1D; MG <b>Tonalite; Medium-grained</b> Grey, massive, equigranular, medium-grained (2 mm) tonalitic dyke; mostly composed of grey and whitish PG, QZ and 10% finer-grained BO; contacts undulating at 80° CA; hosting rock is slightly EP+	26.19	27.44	113764	1.25	7.75	0.74	0.04	0.07
26.71	27.23	I1D; MG <b>Tonalite; Medium-grained</b> Same as 25.00-25.38; weakly foliated (5° CA); U/C at 60° CA; L/C at 68° CA								
27.24	27.77	I3G; I3H; CG; VCG <b>Anorthosite; Gabbroic anorthosite; Coarse-grained; Very coarse-grained</b> Coarse-grained to very coarse-grained (0.5-1.5 cm) PG-rich anorthositic interval (1 cm); presence of pale rose subbedral GR (1 mm); 0.5-1% PO±PY	27.44	28.44	113765	1.00	38.28	6.27	0.28	0.50
27.77	28.33	SMIOL; MIOL <b>Semi-massive iron oxide layer; Massive iron oxide layer</b> Semi-massive to massive (40-50%) iron oxides layers; CL-PY filling fractures; sheared and CL+ contacts; hosted in a coarse to very coarse-grained, PG-rich, ranging from gabbroic anorthosite to anorthositic gabbro; U/C at 48° CA; L/C fractured								
28.33	29.69	I3G; I3H; CG; VCG <b>Anorthosite; Gabbroic anorthosite; Coarse-grained; Very coarse-grained</b> Same as 27.24-27.77	28.44	29.69	113766	1.25	14.32	1.84	0.08	0.14
29.69	55.69	DIOL <b>Disseminated iron oxide layer</b> Disseminated to heavily disseminated (10-20%) vanadiferous MG mineralization associated to greenish grey, medium-grained (1-2 mm) altered ferrogabbro composed of variable amount of iron oxides, SR, CL and EP; presence of pale rose	29.69	30.94	113767	1.25	30.41	3.90	0.17	0.30

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
anedral GR (0.5-1 mm); Tr amount of disseminated SF (PO-PY and locally CP); interlayered with few semi-massive to massive (40-70%) layers (1-15 cm) oriented along magmatic layering; intersected by dark grey, aphanitic to fine-grained intermediate rock; moderately to fairly fractured with fractures mostly oriented at 25°, 30°, 50°, 65° CA with CL±PY filling; low angle fractures with CL±CB forming several broken core intervals (35.10-35.40; 37.55-37.88; 38.64-39.90 & 40.75-41.27); upper section is deformed with foliation oriented at low angle to CA										
30.44	30.45	ML	30.94	32.19	113768	1.25	36.96	4.49	0.21	0.37
		<b>Magmatic layering 60°</b>	32.19	33.44	113769	1.25	38.78	4.36	0.21	0.37
		Magmatic layering oriented at 60° CA								
33.00	33.01	FO	33.44	34.69	113770	1.25	41.06	4.46	0.21	0.37
		<b>Foliation 33°</b>								
		Foliation oriented at 33° CA								
34.20	34.25	FO	34.69	35.94	113771	1.25	26.91	3.28	0.14	0.25
		<b>Foliation 14°</b>								
		Foliation oriented at 14° CA								
34.80	34.81	FO								
		<b>Foliation 26°</b>								
		Foliation oriented at 26° CA								
35.60	36.09	I3A; I3I; MG; CG	35.94	37.19	113772	1.25	30.66	3.44	0.16	0.29
		<b>Gabbro; Anorthositic gabbro;</b>	37.19	38.44	113773	1.25	30.04	3.30	0.16	0.29
		<b>Medium-grained; Coarse-grained</b>	38.44	39.69	113774	1.25	32.13	3.88	0.18	0.32
		Medium to coarse-grained (0.3-1 cm) gabbroic to anorthositic interlayers; presence of pale rose anedral (1-2 mm) GR	39.69	40.94	113775	1.25	25.69	2.42	0.12	0.21
40.50	41.15	APH I2	40.94	42.19	113776	1.25	29.69	3.06	0.14	0.25
		<b>Aphanitic intermediate rock</b>								
		Greenish grey, very fine-grained mafic rock crosscutted by 1% CB stringers oriented at low angle to CA; non magnetic; contacts are fractured								
41.64	41.66	SZ	42.19	43.44	113777	1.25	35.10	4.15	0.19	0.34
		<b>Shear zone 30°</b>	43.44	44.69	113778	1.25	45.40	6.22	0.29	0.52
		CL+ sheared zone at 30° CA; CB stringers	44.69	45.94	113779	1.25	42.69	5.20	0.25	0.45
			45.94	47.19	113780	1.25	44.23	6.22	0.30	0.54

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
46.00	46.01	ML <b>Magmatic layering 53°</b> Magmatic layering oriented at 53° CA	47.19	48.44	113781	1.25	23.92	3.31	0.15	0.27
47.70	48.41	I3I; VCG <b>Anorthositic gabbro; Very coarse-grained</b> Very coarse-grained anorthositic to gabbroic interval with variable amount of light grey subedral PG cumulates (1 cm); 5-10% MG as intercalate material; 0.5-1% PO±PY±CP; U/C at 45° CA; L/C at 37° CA	48.44	49.69	113782	1.25	34.46	3.98	0.19	0.34
			49.69	50.94	113783	1.25	45.45	5.84	0.28	0.50
			50.94	52.19	113784	1.25	41.91	5.08	0.24	0.43
			52.19	53.44	113786	1.25	43.61	5.66	0.27	0.48
			53.44	54.69	113787	1.25	39.46	4.83	0.23	0.41
54.69	55.69	113788	1.00	44.51	6.08	0.28	0.50			
55.00	55.01	ML <b>Magmatic layering 52°</b> Magmatic layering oriented at 52° CA								
55.69	59.95	I3A; CG <b>Gabbro; Coarse-grained</b> Grey and green with speckled aspect, coarse-grained (5-10 mm) gabbro composed of equal amount of subedral PG cumulates and green CL+ AM as intercumulates material; 3-7% MG; upper and lower contacts show a lower mafic minerals content; interlayered with 2 medium-grained ferrogabbro intervals (20 cm) associated with disseminated (5-10%) iron oxides mineralization with contacts oriented at 56° CA	55.69	56.94	113789	1.25	14.69	1.85	0.09	0.16
			56.94	58.19	113790	1.25	15.85	2.04	0.10	0.18
			58.19	59.95	113791	1.76	18.34	2.43	0.11	0.20
59.95	65.01	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous iron oxides mineralization varying from disseminated, semi-massive to massive; comprises 2 medium-grained (3-5 mm), massive (60-80%) iron oxides layers (0.55 and 1.32 m) with strongly CL+ mafic minerals; interlayered with grey and green, coarse to very coarse-grained (5-10 mm) gabbro associated with disseminated to semi-massive MG; lower portion is well layered (5° CA) and consists of an alternance of disseminated (10-15%) and semi-massive (25-30%), centimetric to pluricentimetric wide, layers; poorly fractured at 40° and 68° CA; excellent recovery; U/C at 45° CA; L/C	59.95	61.25	113792	1.30	37.70	6.10	0.27	0.48



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
at 55° CA										
61.25	61.85	MIOL; MG <b>Massive iron oxide layer; Medium-grained</b> As per general description	61.25	62.00	113793	0.75	63.63	12.58	0.58	1.04
62.00	63.38	MIOL; MG <b>Massive iron oxide layer; Medium-grained</b> As per general description	62.00	63.40	113794	1.40	69.83	13.76	0.68	1.21
			63.40	64.15	113795	0.75	35.46	5.21	0.23	0.41
			64.15	65.01	113796	0.86	49.27	8.49	0.41	0.73
65.01	97.01	I3A; I3I; CG; VCG <b>Gabbro; Anorthositic gabbro; Coarse-grained; Very coarse-grained</b> Grey and green with speckled aspect coarse to very coarse-grained (0.5-1 cm) gabbro (anorthositic); mostly composed of light grey subedral PG cumulates (0.5-1 cm) and dark green CL+ AM (30-35%) and MG (5-15%) as intercumulates material; Tr amount of disseminated SF (PO-PY-CP); poorly fractured (20°, 35-40° and 55-60° CA) with minor amount of CL-CB-SF filling; presence of coarse-grained to pegmatitic, decimetric wide, PG cumulates-rich, anorthositic, intervals and pegmatitic gabbro; crosscutted by late microporphytic intermediate dykes (< 1 m); excellent core recovery	65.01	66.26	113797	1.25	20.25	3.16	0.14	0.25
			66.26	67.51	113798	1.25	20.19	3.22	0.14	0.25
			67.51	68.76	113799	1.25	19.40	2.81	0.12	0.21
68.07	69.27	DZ <b>Deformation zone</b> Deformation zone affecting coarse-grained gabbro; fine-grained, well foliated (85° CA), BO+ and deformed with minor parasitic folding observed at 68.46 m	68.76	70.01	113800	1.25	18.34	2.31	0.11	0.20
			70.01	71.26	113801	1.25	18.17	2.22	0.10	0.18
70.26	72.38	I3A; CU; PEG <b>Gabbro; Cumulate; Pegmatitic</b> Gabbro characterized by a pegmatitic texture with PG forming suberal cumulates ranging from 1 to 4 cm; 5-10% MG±PO as intercumulate material	71.26	72.51	113802	1.25	16.02	1.91	0.09	0.16
			72.51	73.76	113803	1.25	19.37	2.79	0.11	0.20
			73.76	75.01	113804	1.25	16.99	2.15	0.09	0.16
			75.01	76.26	113805	1.25	17.79	2.25	0.10	0.18
			76.26	77.51	113806	1.25	17.74	2.40	0.11	0.20
			77.51	78.76	113807	1.25	14.84	2.09	0.08	0.14
			78.76	80.01	113808	1.25	18.46	2.34	0.09	0.16
79.57	80.20	I3A; CU; PEG <b>Gabbro; Cumulate; Pegmatitic</b>	80.01	81.26	113809	1.25	24.11	3.51	0.14	0.25

## Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
83.62	84.92	Same as 70.26-72.38; 5% MG forming centimetric wide, irregular patches; 1% PO±PY ±CP as disseminations or forming blebs (1 cm)	81.26	82.51	113810	1.25	22.69	3.04	0.13	0.23
			82.51	83.76	113811	1.25	19.01	2.36	0.11	0.20
		I3A; CU; PEG	83.76	85.01	113812	1.25	19.12	2.56	0.11	0.20
		<b>Gabbro; Cumulate; Pegmatitic</b>	85.01	86.26	113813	1.25	22.82	3.64	0.14	0.25
		Same as 70.26-72.38; 10% MG forming centimetric wide, irregular patches; Tr amount of PO±CP as disseminations and forming a bleb (1 cm); crosscutted by a very fine-grained intermediate dykelet (5 cm) oriented at 55° CA	86.26	87.51	113814	1.25	15.45	2.00	0.08	0.14
87.86	87.93		87.51	88.76	113815	1.25	14.83	1.75	0.08	0.14
		I3A; FG								
		<b>Gabbro; Fine-grained</b>								
		Dark green, massive, equigranular, fine-grained (1 mm) gabbro; 1% finely disseminated MG; contacts at 63° CA								
88.03	88.25	I3A; FG	88.76	90.01	113816	1.25	13.04	1.81	0.05	0.09
		<b>Gabbro; Fine-grained</b>								
		Same as 87.86-87.93; U/C at 63° CA; L/C at 59° CA								
89.20	90.00	APH I2	90.01	91.26	113817	1.25	9.37	1.10	0.05	0.09
		<b>Aphanitic intermediate rock</b>								
		Same as 21.94-23.00; U/C at 27° CA; L/C at 74° CA								
90.41	91.69	APH I2	91.26	92.51	113818	1.25	11.42	1.30	0.06	0.11
		<b>Aphanitic intermediate rock</b>								
		Same as 89.20-90.00; thinly foliated (55° CA); absence of microphenocrysts; crosscutted by CB stringers oriented at low angle to CA; U/C at 62° CA; L/C at 74° CA; hosting rock is slightly EP+								
91.74	91.77	Py99								
		<b>Pyrite 99%</b>								
		PY forming thin stringers oriented at 53° CA; or blebs (2 X 2 cm); associated with CB-CL alteration								
92.06	92.37	APH I2	92.51	93.76	113819	1.25	23.45	3.92	0.16	0.29
		<b>Aphanitic intermediate rock</b>								
		Same as 90.41-91.69; U/C at 50° CA; L/C at 78° CA; hosting rock is slightly sheared								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
93.38	93.52	SMIOL <b>Semi-massive iron oxide layer</b> 40% iron oxides	93.76	95.01	113820	1.25	19.64	2.84	0.12	0.21
			95.01	96.01	113821	1.00	23.77	3.50	0.16	0.29
95.46	95.56	SMIOL <b>Semi-massive iron oxide layer</b> 40% iron oxides								
95.56	97.01	I3A; MG <b>Gabbro; Medium-grained</b> 1-3% disseminated PO-PY±CP; 5% iron oxides	96.01	97.01	113822	1.00	23.65	3.21	0.15	0.27
97.01	103.00	MIOL <b>Massive iron oxide layer</b> Massive (75-90%) iron oxides mineralization forming decimetric to plurimetric wide magnetitite layers; interlayered with 15% grey and green, very coarse-grained gabbro weakly mineralized with MG; Tr to 1% PO-CP; fairly fractured at 25° and 45-50° CA with CL-PY filling; 15% strongly broken core in pieces of 3-7 cm; minor CB veins (<1 cm) and stringers	97.01	98.26	113823	1.25	62.18	12.58	0.55	0.98
			98.26	99.51	113824	1.25	58.34	11.80	0.51	0.91
			99.51	100.76	113825	1.25	71.20	14.85	0.63	1.12
			100.76	102.01	113827	1.25	65.90	13.40	0.58	1.04
			102.01	103.00	113828	0.99	56.06	11.21	0.49	0.87
103.00	105.29	I3AMG; MG <b>Ferrogabbro; Medium-grained</b> Greenish grey, medium-grained (2 mm) ferrogabbro (as 29.69-55.69) associated with 5-10% iron oxides; intersected by greenish grey, very fine-grained mafic rock (104.08-104.28); fairly fractured rock	103.00	104.25	113829	1.25	31.80	5.35	0.24	0.43
			104.25	105.29	113830	1.04	25.04	3.87	0.19	0.34
105.29	115.54	I1D <b>Tonalite</b> Grey, massive to weakly foliated (60° CA), porphyritic tonalite; 25% subedral whitish PG set in a medium-grained (2 mm) matrix composed of grey PG, QZ and 15% finer-grained BO and CL; few QZ veins (1 cm) were observed; poorly fractured at 35-40° CA; U/C at 78° CA; L/C at 53° CA	105.29	106.54	113831	1.25	4.66	0.44	0.02	0.04
			106.54	107.79	113832	1.25	4.23	0.41	0.02	0.04
			113.04	114.29	113833	1.25	6.20	0.62	0.03	0.05
			114.29	115.54	113834	1.25	7.23	0.70	0.03	0.05
115.54	130.54	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous disseminated to massive (10-75%) iron oxides mineralization associated with medium-grained, locally deformed, ferrogabbro composed of variable amount of iron oxides, SR and	115.54	116.79	113835	1.25	30.61	5.61	0.23	0.41

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		CL with Tr of disseminated PO and PY; well defined magmatic layering oriented at 65° CA; intersected by minor CB stringers; moderately to fairly fractured (20°, 30° and 60° CA) with interval of strongly broken core (127.18-128.38); intersected by grey aphanitic and locally microporphyrific intermediate dykes								
116.11	116.74	APH I2 Aphanitic intermediate rock	116.79	118.04	113836	1.25	57.83	11.05	0.48	0.86
		As previously described; weakly foliated at 60° CA; contacts oriented at 60° CA	118.04	119.29	113837	1.25	52.46	9.86	0.41	0.73
118.75	118.76	ML Magmatic layering 63°	119.29	120.54	113838	1.25	41.92	7.41	0.31	0.55
		Magmatic layering oriented at 63° CA								
119.77	119.83	APH I2 Aphanitic intermediate rock								
		As previously described								
120.48	120.63	APH I2 Aphanitic intermediate rock	120.54	121.79	113839	1.25	44.00	8.07	0.34	0.61
		As previously described; U/C at 65° CA; L/C at 25° CA								
120.90	120.95	APH I2 Aphanitic intermediate rock								
		As previously described								
121.26	121.37	Po07 Pyrrhotine 07%	121.79	123.04	113840	1.25	28.02	4.64	0.19	0.34
		7% PO with Tr of PY								
121.82	122.58	APH I2 Aphanitic intermediate rock	123.04	124.29	113841	1.25	58.34	11.48	0.51	0.91
		As previously described; presence of pale grey anedral PG microphenocrysts (1-2 mm); U/C at 62° CA; L/C fractured								
124.00	124.01	ML Magmatic layering 68°	124.29	125.54	113842	1.25	41.03	7.05	0.31	0.55
		Magmatic layering oriented at 68° CA								
124.51	124.58	Po05; Cp01; Py01 Pyrrhotine 05%; Chalcopyrite 01%; Pyrite 01%	125.54	126.79	113843	1.25	56.31	10.97	0.49	0.87
		PO-CP-PY mineralization associated to stringers (<1 cm) oriented at 59° CA and crosscutting a deformed, medium-grained	126.79	128.04	113844	1.25	34.58	6.26	0.28	0.50
			128.04	129.29	113845	1.25	31.86	5.30	0.26	0.46
			129.29	130.54	113846	1.25	46.52	8.62	0.45	0.80

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
130.54	144.00	melanocratic gabbro I3A; I3I; CG <b>Gabbro; Anorthositic gabbro;</b> <b>Coarse-grained</b> Same as 65.01-97.01; Tr to 5% MG; locally EP+ and CB+; moderately fractured unit at 30° and 50° CA; with strongly broken interval (133.08-133.58); intersected by minor medium-grained granitic injection (e.g. 141.00-141.09) associated with QZ-EP-CB alteration on wallrock	130.54	131.79	113847	1.25	20.15	2.71	0.13	0.23
		EOH at 144 m; casing left in place								
131.52	132.04	I3A; PEG <b>Gabbro; Pegmatitic</b> Gabbro characterized by a pegmatitic texture with PG forming suberal cumulates ranging from 1 to 2 cm	131.79	133.04	113848	1.25	12.78	1.19	0.07	0.12
132.14	132.34	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts at 63° CA	133.04	134.29	113849	1.25	12.37	1.11	0.06	0.11
133.12	133.80	CB+ <b>Carbonatization</b> Shear zone; strong CB alteration; strongly broken core	134.29	135.54	113850	1.25	11.18	0.95	0.06	0.11
			135.54	136.79	113851	1.25	15.29	1.63	0.09	0.16
			136.79	138.04	113852	1.25	15.08	1.64	0.09	0.16
			138.04	139.29	113853	1.25	11.48	1.33	0.07	0.12
144.00	End of DDH Number of samples: 89 Number of QAQC samples: 2 Total sampled length: 109.10									

# Apella Resources Inc.

<b>DDH:</b> MA-10-22	Claims title: CDC 109864	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P. Geo	From: 2010-02-14	Description date: 2010-02-16
	To: 2010-02-15	

Collar

Azimuth: 180.92°  
 Dip: -45.41°  
 Length: 69.00 m

	UTM
East	325 802.11
North	5 511 623.07
Elevation	286.64

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	69.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 12 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 36.98-51.04: 52.28% Fe2O3, 9.75% TiO2, 0.41% V (0.74% V2O5 equivalent) over 14.06 m;  
 53.46-54.71: 42.44% Fe2O3, 7.49% TiO2, 0.31% V (0.55% V2O5 equivalent) over 1.25 m.

Core size: NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	12.00	OV <b>Overburden</b> 12 m of casing left in place									
12.00	29.41	I3I; I3A <b>Anorthositic gabbro; Gabbro</b> Heterogeneous unit; medium-grey, massive, medium to coarse-grained (5-10 mm) rock ranging in composition from an anorthositic gabbro to a gabbro; composed of 60-75% grey and beige subedral PG and 25-40% dark green CL+ AM as intergrowth material; 5-10% disseminated MG; Tr to 1% PO±PY; weakly to fairly fractured; upper section (12-28 m) is fairly fractured (18°, 27° and 64° CA) with LM stains; the lower section is less fractured									
23.49	23.58	I1D <b>Tonalite</b> Pale grey, massive, medium-grained (1-2 mm) tonalitic dyke with contacts oriented at 42° CA									
26.15	26.57	APH I2 <b>Aphanitic intermediate rock</b> Greenish grey, aphanitic intermediate dyke; fractures oriented at 40° CA; U/C is fractured; L/C oriented at 50° CA									
29.41	36.98	I3A; MG <b>Gabbro; Medium-grained</b> Dark grey, massive, gabbro composed of 40% grey subedral PG and 60% CL+ AM associated with minor amount of iron oxides as intercumulate material; Tr-1% disseminated PO-PY±CP; poorly fractured; interlayered with pegmatitic anorthosite with PG forming subedral cumulates ranging from 1 to 3 cm; intersected by decimetric to pluridecimetric, dark grey aphanitic intermediate dykes	30.46	31.71	113854	1.25	16.32	2.01	0.08	0.14	
			31.71	32.56	113855	0.85	19.24	3.21	0.10	0.18	
31.85	32.45	I3G; PEG <b>Anorthosite; Pegmatitic</b> Anorthosite characterized by a well developed pegmatitic texture with grey and beige PG forming subedral cumulates ranging from 1 to 3 cm; presence of CA-rich PG slightly EP+; CL+; 10% MG±PO±PY as intercumulate	32.56	33.56	113856	1.00	23.67	3.90	0.15	0.27	
			33.56	34.66	113857	1.10	20.50	3.17	0.12	0.21	

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		material								
34.51	34.56	APH I2 <b>Aphanitic intermediate rock</b> Dark grey, massive, aphanitic intermediate dyke with anedral PG microphenocrysts (0.5-1 mm)								
34.61	34.69	APH I2 <b>Aphanitic intermediate rock</b> Same as 34.51-34.56	34.66	35.46	113858	0.80	15.05	1.77	0.07	0.12
34.80	35.39	I3G; PEG <b>Anorthosite; Pegmatitic</b> Same as 31.85-32.45; deformed								
35.39	36.98	APH I2 <b>Aphanitic intermediate rock</b> Same as 34.51-34.56; U/C at 38° CA; L/C fractured; injected by 1% CB stringers oriented at 15° and 50° CA; lower section is thinly foliated (74° CA) and shows 1% anedral PG phenocrysts (1-6 mm)	35.46	36.98	113859	1.52	8.47	0.74	0.03	0.05
36.98	51.04	SMIOL; MIOL <b>Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous semi-massive to massive (40-90%) iron oxides layers interlayered with minor (<5%) deformed, medium-grained (3-5 mm) gabbro with disseminated iron oxides; contacts are generally sheared and CL+; Tr of disseminated PO and PY; well defined magmatic layering oriented at 65° CA; presence of CB stringers; poorly to moderately fractured at 30°, 35°, 45° and 70° CA; excellent core recovery	36.98	38.23	113860	1.25	42.38	8.11	0.33	0.59
37.41	37.83	APH I2 <b>Aphanitic intermediate rock</b> Same as 35.39-36.98 with contacts oriented at 79° CA								
37.83	37.87	I1D; MG <b>Tonalite; Medium-grained</b> Pale grey, medium-grained, weakly foliated	38.23	39.48	113861	1.25	51.89	9.54	0.41	0.73
			39.48	40.73	113862	1.25	34.95	5.81	0.25	0.45



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
39.95	40.00	tonalitic dykelet with contacts oriented at 79° CA SZ <b>Shear zone 63°</b> Shear zone (63° CA) situated on contact of a semi-massive iron oxides layer and a medium-grained gabbro; CL+	40.73	41.98	113863	1.25	36.86	5.82	0.25	0.45
41.36	41.45	SZ <b>Shear zone 67°</b> Shear zone (67° CA) affecting a 10 cm wide semi-massive iron oxides layers	41.98	43.23	113864	1.25	62.43	11.39	0.56	1.00
			43.23	44.48	113866	1.25	64.19	11.99	0.56	1.00
43.25	43.26	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA	44.48	45.73	113867	1.25	57.89	10.79	0.45	0.80
			45.73	46.98	113868	1.25	65.70	12.97	0.50	0.89
			46.98	48.23	113869	1.25	58.16	11.08	0.49	0.87
			48.23	49.48	113870	1.25	58.95	11.43	0.50	0.89
49.48	51.04	113871	1.56	43.78	8.61	0.29	0.52			
50.26	50.32	I1D; MG <b>Tonalite; Medium-grained</b> Grey, wealy foliated, equigranular, medium-grained (2 mm) tonalitic dyke; mostly composed of PG-QZ and 10% finer-grained BO; U/C at 47° CA; L/C at 69° CA								
50.73	50.87	I1D; MG <b>Tonalite; Medium-grained</b> Same as 37.83-37.87; U/C at 63° CA; L/C at 79° CA								
51.04	67.43	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Disseminated to semi-massive (10-40%) iron oxides mineralization forming centimetric to plurimetric wide layers associated with dark green, medium-grained, well foliated (57° CA), SR+, EP+ and CL+ ferrogabbro; interlayered with 30% light grey and green with speckled aspect, medium-grained (5 mm) gabbro weakly mineralized with MG; intersected by few CB veins (1 cm) and stringers oriented at 35°, 50° and 50° CA; moderately fractured at 25°, 45° and 60°; lower contact deformed with QZ injection;	51.04	52.21	113872	1.17	22.95	2.96	0.09	0.16
			52.21	53.46	113873	1.25	35.97	6.65	0.24	0.43
			53.46	54.71	113874	1.25	42.44	7.49	0.31	0.55

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
51.04	52.21	excellent core recovery I3G; PEG <b>Anorthosite; Pegmatitic</b> Same as 31.85-32.45; deformed; PG forming suberal cumulates ranging from 1 to 3 cm; 5-10% MG±PO as intercalate material; with EP+ Ca-rich PG with thin rims of dark green CL								
53.50	53.51	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA								
53.72	53.78	SZ <b>Shear zone 64°</b> Slightly sheared and CL+ semi-massive iron oxides layer	54.71	55.96	113875	1.25	26.25	3.81	0.16	0.29
			55.96	57.21	113876	1.25	18.19	2.18	0.09	0.16
			57.21	58.46	113877	1.25	25.27	3.54	0.14	0.25
			58.46	59.71	113878	1.25	31.51	4.61	0.20	0.36
59.00	59.01	ML <b>Magmatic layering 63°</b> Magmatic layering oriented at 63° CA	59.71	60.96	113879	1.25	31.48	5.13	0.23	0.41
			60.96	62.21	113880	1.25	23.40	3.71	0.16	0.29
			62.21	63.46	113881	1.25	26.61	4.28	0.18	0.32
63.25	63.26	ML <b>Magmatic layering 60°</b> Magmatic layering oriented at 60° CA	63.46	64.71	113882	1.25	16.04	2.21	0.08	0.14
63.58	66.21	I3A; MG <b>Gabbro; Medium-grained</b> As per general description; 3% disseminated iron oxides	64.71	65.96	113883	1.25	13.79	2.09	0.07	0.12
			65.96	67.43	113884	1.47	20.77	3.05	0.13	0.23
67.43	69.00	I1D; MG <b>Tonalite; Medium-grained</b> Grey, weakly foliated, equigranular, medium-grained (2 mm) tonalitic dyke; mostly composed of PG and QZ, and 15% finer-grained BO and CL; U/C deformed, SI+ and oriented at 40° CA  EOH at 69 m; casing left in place	67.43	69.00	113885	1.57	5.80	0.61	0.02	0.04
69.00	End of DDH Number of samples: 31 Number of QAQC samples: 1 Total sampled length: 38.54									

# Apella Resources Inc.

**DDH: MA-10-23**

Claims title: CDC 109864

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P.Geo

From: 2010-02-15

Description date: 2010-02-17

To: 2010-02-16

**Collar**

UTM

Azimuth: 179.75°

Dip: -45.10°

Length: 120.00 m

East 325 599.37

North 5 511 630.96

Elevation 287.03

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	120.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 21 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 47.18-52.20: 45.09% Fe2O3, 6.34% TiO2, 0.30% V (0.54% V2O5 equivalent) over 5.02 m;  
 53.90-65.81: 52.24% Fe2O3, 10.19% TiO2, 0.38% V (0.67% V2O5 equivalent) over 11.91 m;  
 66.96-73.21: 47.95% Fe2O3, 9.86% TiO2, 0.36% V (0.64% V2O5 equivalent) over 6.25 m;  
 74.46-84.38: 51.52% Fe2O3, 9.95% TiO2, 0.37% V (0.66% V2O5 equivalent) over 9.92 m;  
 86.88-92.05: 49.41% Fe2O3, 9.80% TiO2, 0.36% V (0.64% V2O5 equivalent) over 5.17 m.

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	19.93	OV Overburden 21 m of casing left in place								
19.93	47.18	I3A <b>Gabbro</b> Grey and green, massive, coarse-grained (5-10 mm) gabbro composed of 25-40% grey and beige subedral PG and 60-75% dark green AM as intergrowth material; low iron oxides (2-7% MG) content; crosscutted by few medium-grained (2 mm) tonalitic / granitic dykelets; presence of pluridecimeter wide pegmatitic anorthosite and gabbroic anorthosite; upper section from 19.93 to 23.00 is fairly deformed and affected by numerous shear zones; iron oxides content increasing at depth; Tr to 1% PO-PY; moderately fractured (30°, 57° CA)								
23.18	24.06	SZ <b>Shear zone 60°</b> Shear zone oriented at 60° CA; strongly CL+; the lower section is cataclased with brecciated aspect; composed of 10-35% angulous FP clasts (1-2 mm) set in a very fine-grained mafic groundmass; injected by deformed "S" shaped quartz veins (0.2-2 cm); with granular core interval (23.50-23.75)								
24.06	24.40	I1D <b>Tonalite</b> Strongly deformed tonalitic injection; with deformed QZ veins (0.5-1 cm); microfaulting oriented at 33° CA								
24.91	25.57	SZ <b>Shear zone 90°</b> Strongly sheared (90° CA)	26.46	27.71	113886	1.25	18.18	2.99	0.10	0.18
26.93	27.03	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained (2 mm) deformed tonalitic / granitic injection with contacts oriented at 63° CA; foliation oriented at 61° CA								
27.03	27.26	SZ <b>Shear zone 42°</b>	27.71	28.96	113887	1.25	20.67	3.00	0.09	0.16

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
28.18	28.20	Minor shear zones oriented at 42° CA; VEI;2;Qz;70°;Po02Py01; <b>Vein 2 Quartz 70° Pyrrhotine02%</b> <b>Pyrite01%</b> QZ±CB vein (2 cm) oriented at 70° CA with 3% SF (PO-PY) on wallrocks	28.96	30.21	113888	1.25	20.14	3.19	0.09	0.16
29.51	29.81	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalitic / granitic injections forming 2-11 cm dykelets oriented at 70° CA	30.21	31.46	113889	1.25	14.92	1.36	0.06	0.11
31.62	31.88	SZ <b>Shear zone 60°</b> Shear zone oriented at 60° CA; SI+ and slightly BO+; minor QZ injection								
32.90	33.00	SZ <b>Shear zone 60°</b> Minor shear zone oriented at 60° CA	38.43	39.68	113890	1.25	17.30	2.61	0.09	0.16
			39.68	40.93	113891	1.25	14.87	1.70	0.07	0.12
			40.93	42.18	113892	1.25	15.83	1.92	0.07	0.12
			42.18	43.43	113893	1.25	17.39	2.70	0.09	0.16
42.92	44.45	SZ <b>Shear zone 65°</b> Major shear zone affecting a dark green, CL+ melanocratic layer; well foliated (65° CA), fine to very fine-grained rock; EP+ and CL+; 5-7% iron oxides	43.43	44.68	113894	1.25	23.17	3.13	0.10	0.18
			44.68	45.93	113895	1.25	24.01	3.78	0.14	0.25
			45.93	47.18	113896	1.25	20.91	2.80	0.11	0.20
47.18	92.05	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heavily disseminated, semi-massive to massive (15-90%) well layered vanadiferous MG mineralization associated to greenish grey, medium-grained (1-2 mm) ferrogabbro - composed of variable amount of iron oxides, strongly altered PG and minor amount of mafic minerals; strongly SR+ and CL+; Tr amount of disseminated SF (PO-PY); interlayered with several massive (50-90%) layers varying from 2 to 90 cm (e.g. 53.90-54.13, 63.33-63.45, 75.38-76.06, 78.94-79.25, 83.10-83.79); magmatic layering is well defined by variation in iron oxides content; the upper is affected by EP alteration	47.18	48.43	113897	1.25	43.25	5.31	0.25	0.45

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
and pluricentimetric wide, CL+ and EP+ shear zones oriented at 65-70° CA; unmineralized intervals are associated with massive, grey, medium-grained diorite forming pluridecimeteric to plurimetric dykes ; intersected by minor CB veins (<1 cm) and stringers; overall moderately fractured at 20°, 35° and 45° CA with CL-PY; excellent core recovery; U/C at 55° CA; L/C at 53° CA										
47.35	47.36	FO <b>Foliation 45°</b> Foliation oriented at 45° CA	48.43 49.68	49.68 50.93	113898 113899	1.25 1.25	48.75 51.04	6.52 8.19	0.33 0.39	0.59 0.70
50.00	50.01	FO <b>Foliation 57°</b> Foliation oriented at 57° CA	50.93	52.20	113901	1.27	37.46	5.37	0.24	0.43
51.96	52.14	M16; FG <b>Amphibolite; Fine-grained</b> Dark green, foliated (56° CA) fine-grained amphibolite (metapyroxenite); weakly magnetic								
52.14	53.90	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Grey and green with speckled aspect, weakly foliated (47° CA) anorthositic gabbro composed of 70% subedral PG cumulates and 25% green AM as intercumulate material; <1% iron oxides; interlayered with a medium-grained (3 mm) gabbro layer (6 cm) oriented at 40° CA	52.20 53.90 55.15	53.90 55.15 56.40	113902 113903 113904	1.70 1.25 1.25	15.63 52.89 51.63	1.75 9.42 9.81	0.08 0.40 0.36	0.14 0.71 0.64
55.81	55.82	ML <b>Magmatic layering 54°</b> Magmatic layering oriented at 54° CA	56.40 57.65 58.90	57.65 58.90 60.15	113905 113906 113907	1.25 1.25 1.25	47.88 45.28 50.84	8.87 8.47 10.05	0.34 0.30 0.36	0.61 0.54 0.64
59.00	59.01	ML <b>Magmatic layering 54°</b> Magmatic layering oriented at 54° CA	60.15	61.40	113908	1.25	54.41	11.09	0.39	0.70
61.20	61.46	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> As previously described; 1% iron oxides; contacts oriented at 40° CA	61.40 62.65	62.65 63.90	113909 113911	1.25 1.25	51.30 60.68	10.02 12.68	0.36 0.45	0.64 0.80
63.34	63.35	ML <b>Magmatic layering 55°</b> Magmatic layering oriented at 55° CA	63.90 65.15	65.15 65.81	113912 113913	1.25 0.66	54.06 54.53	11.12 10.59	0.42 0.40	0.75 0.71

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
65.81	66.96	I2I; MG	65.81	66.96	113914	1.15	7.07	0.75	0.05	0.09
		<b>Quartziferous diorite; Medium-grained</b>	66.96	68.21	113915	1.25	50.50	10.74	0.38	0.68
		Grey, massive to wealy foliated, equigranular, medium-grained (3 mm) quartziferous diorite; mostly composed of whitish PG, anedral QZ and 15% finer-grained mafic minerals BO±CL; U/C at 47° CA; L/C at 57° CA	68.21	69.46	113916	1.25	54.41	10.98	0.42	0.75
			69.46	70.71	113917	1.25	48.15	9.91	0.36	0.64
			70.71	71.96	113918	1.25	49.00	9.79	0.36	0.64
			71.96	73.21	113919	1.25	37.68	7.89	0.27	0.48
72.22	72.47	I2I; MG <b>Quartziferous diorite; Medium-grained</b> Same as 65.81-66.96; U/C at 55° CA; L/C at 40° CA								
72.50	72.51	FO <b>Foliation 67°</b> Foliation oriented at 67° CA	73.21	74.46	113920	1.25	34.53	5.87	0.22	0.39
74.00	74.01	FO	74.46	75.71	113921	1.25	45.71	8.98	0.33	0.59
		<b>Foliation 65°</b>	75.71	76.96	113922	1.25	57.22	11.56	0.43	0.77
		Foliation oriented at 65° CA	76.96	78.21	113923	1.25	50.77	9.94	0.37	0.66
			78.21	79.46	113924	1.25	59.14	11.85	0.46	0.82
79.36	79.37	ML	79.46	80.71	113925	1.25	45.51	7.76	0.30	0.54
		<b>Magmatic layering 55°</b> Magmatic layering oriented at 55° CA	80.71	81.96	113926	1.25	50.43	9.66	0.35	0.62
81.19	81.20	ML	81.96	83.21	113927	1.25	45.95	8.44	0.31	0.55
		<b>Magmatic layering 64°</b>	83.21	84.38	113928	1.17	57.81	11.50	0.43	0.77
		Magmatic layering oriented at 64° CA								
84.38	86.88	I2I; MG	84.38	85.63	113929	1.25	3.86	0.46	0.02	0.04
		<b>Quartziferous diorite; Medium-grained</b>	85.63	86.88	113930	1.25	4.07	0.45	0.02	0.04
		Same as 65.81-66.96; U/C at 43° CA; L/C at 50° CA	86.88	88.13	113931	1.25	55.43	11.15	0.42	0.75
87.04	87.13	I2I; MG								
		<b>Quartziferous diorite; Medium-grained</b>								
		Same as 65.81-66.96; contacts oriented at 58° CA								
87.50	87.51	ML	88.13	89.38	113932	1.25	44.90	8.77	0.32	0.57
		<b>Magmatic layering 57°</b>	89.38	90.63	113933	1.25	48.57	9.57	0.35	0.62
		Magmatic layering oriented at 57° CA	90.63	92.05	113934	1.42	48.83	9.71	0.36	0.64
91.00	91.01	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
92.05	120.00	I3A; I3I; I3AMG <b>Gabbro; Anorthositic gabbro; Ferrogabbro</b> Heterogeneous unit comprises grey and green with speckled aspect, weakly foliated (60° CA), coarse-grained, anorthositic gabbro composed of 70-75% light grey PG forming subedral cumulates, 25-30% green AM as intercumulates material and <2% disseminated iron oxides; interlayered with weakly foliated, coarse-grained (5 mm) gabbro; and dark greenish grey, weakly foliated, medium-grained (2 mm) ferrogabbro associated with 10-15% iron oxides; crosscutted by grey to pinkish, medium-grained (2 mm) tonalitic intrusion composed of 65% subedral FP, 20% anedral QZ and 15% subedral mafic minerals (AM-BO); and medium-grained to aplitic injection; moderately to fairly fractured	92.05	93.30	113935	1.25	20.80	3.09	0.13	0.23
			93.30	94.55	113936	1.25	18.99	2.41	0.09	0.16
		EOH at 120 m								
92.05	92.78	I3AMG <b>Ferrogabbro</b> Medium-grained ferrogabbro; 5-10% iron oxides; strongly fractured								
93.57	93.96	I3AMG <b>Ferrogabbro</b> Medium-grained ferrogabbro; 10% iron oxides; CP±PO forming blebs (2.5-1 cm) at 93.92.	94.55	95.80	113937	1.25	6.91	0.74	0.04	0.07
94.88	97.37	I2I; MG <b>Quartziferous diorite; Medium-grained</b> Medium-grained quartziferous diorite / tonalitic dyke; as per general description; U/C fractured; L/C at 42° CA	95.80	97.05	113938	1.25	3.55	0.36	0.02	0.04
			97.05	98.30	113939	1.25	11.29	1.34	0.06	0.11
97.57	97.61	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalitic dykelet oriented at 60° CA								
97.90	98.85	I3A; I1D <b>Gabbro; Tonalite</b> Strongly fractured interval; poor core recovery	98.30	99.55	113940	1.25	11.61	1.49	0.07	0.12
100.33	101.45	I1D; MG								



# Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
	<b>Tonalite; Medium-grained</b> Medium-grained tonalite; as per general description; U/C at 20° CA; L/C onduating from 65 to 80° CA								
101.46	103.90	EP+; CL+	101.46	101.96	113941				
		<b>Epidotization; Chloritization</b>	101.96	102.46	113942				
		Pale green, strongly EP+ , CL+ and possibly SI+ medium-grained (5 mm) anorthositic gabbro; intersected by 1% QZ veins (<1.5 cm) oriented at 40° CA and associated with minor amount of very fine-grained subedral PY; purplish anedral apatite was observed at 104.55 m	102.46	102.96	113943				
			102.96	103.46	113944				
			103.46	103.96	113945				
			105.50	106.75	113946	21.85	3.17	0.14	0.25
105.60	105.71	I3AMG							
		<b>Ferrogabbro</b> Medium-grained ferrogabbro associated with 10% MG							
106.09	108.20	I3AMG	106.75	108.00	113947	26.44	4.00	0.18	0.32
		<b>Ferrogabbro</b> Medium-grained ferrogabbro associated with 5 to 15% disseminated iron oxides; U/C at 44° CA; L/C at 60° CA							
107.40	107.41	ML	108.00	109.30	113948	24.28	4.36	0.20	0.36
		<b>Magmatic layering 53°</b> Magmatic layering oriented at 53° CA							
108.56	109.30	I3AMG	113.50	114.50	113949	23.39	2.97	0.16	0.29
		<b>Ferrogabbro</b> Medium-grained ferrogabbro; 5-15% disseminated iron oxides; crosscutted by irregularly oriented CB stringers (5 mm)							
113.73	114.50	I3AMG							
		<b>Ferrogabbro</b> Medium-grained ferrogabbro associated with 10% iron oxides; fractures oriented at 40° CA							
114.00	114.01	FO							
		<b>Foliation 60°</b> Foliation oriented at 55° CA							
116.82	117.57	I1B; I1F	119.50	120.00	113950				
		<b>Granite; Aplite</b> Pale rose medium-grained to aplitic, granitic							

# Apella Resources Inc.

Description		Assay						
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
119.55	119.85	injection; U/C at 55° CA; L/C at 45° CA EP+ Epidotization 1% QZ±CB±PY stringers (<0.5 cm) crosscutting medium-grained strongly EP+ medium-grained gabbro						
120.00		End of DDH Number of samples: 63 Number of QAQC samples: 2 Total sampled length: 73.92						

# Apella Resources Inc.

**DDH: MA-10-24**

Claims title: CDC 109872

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P.Ge

From: 2010-02-16

Description date: 2010-02-17

To: 2010-02-17

**Collar**

Azimuth: 200.00°  
 Dip: -45.00°  
 Length: 48.00 m

**UTM**

East	324 476.83
North	5 511 979.96
Elevation	289.49

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid

Type	Depth	Azimuth	Dip	Invalid

**Description**

Hole was halted in 48 m of overburden; casing pulled out; surveyed on May 29th, 2010 with SX Blue GPS

Core size:

Cemented: No

Stored: No

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	48.00	OV Overburden Hole was halted at 48 m in overburden								
48.00    End of DDH Number of samples: 0 Number of QAQC samples: 0 Total sampled length: 0.00										

# Apella Resources Inc.

<b>DDH: MA-10-25</b>	Claims title: CDC 109864	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P. Geo	From: 2010-05-08	Description date: 2010-05-09
	To: 2010-05-09	

**Collar**

Azimuth: 178.92°  
 Dip: -44.68°  
 Length: 180.00 m

UTM

East	325 801.57
North	5 511 562.46
Elevation	285.81

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No
Acid	150.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 21 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 74.09-74.88: 35.35% Fe2O3, 5.69% TiO2, 0.28% V (0.50% V2O5 equivalent) over 0.79 m;  
 96.53-97.78: 61.42% Fe2O3, 10.29% TiO2, 0.48% V (0.86% V2O5 equivalent) over 1.25 m;  
 101.53-102.78: 52.80% Fe2O3, 7.61% TiO2, 0.38% V (0.68% V2O5 equivalent) over 1.25 m;  
 104.00-104.90: 46.05% Fe2O3, 7.50% TiO2, 0.38% V (0.68% V2O5 equivalent) over 0.90 m;  
 106.97-108.06: 48.80% Fe2O3, 8.73% TiO2, 0.44% V (0.79% V2O5 equivalent) over 1.09 m;  
 109.00-110.25: 41.16% Fe2O3, 6.90% TiO2, 0.33% V (0.59% V2O5 equivalent) over 1.25 m;

Core size: NQ core	Cemented: No	Stored: Yes
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## Apella Resources Inc.

154.20-155.45: 59.34% Fe<sub>2</sub>O<sub>3</sub>, 11.39% TiO<sub>2</sub>, 0.48% V (0.86% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m;  
156.70-162.95: 48.11% Fe<sub>2</sub>O<sub>3</sub>, 8.44% TiO<sub>2</sub>, 0.37% V (0.66% V<sub>2</sub>O<sub>5</sub> equivalent) over 6.25 m;  
164.20-169.08: 46.56% Fe<sub>2</sub>O<sub>3</sub>, 8.31% TiO<sub>2</sub>, 0.38% V (0.68% V<sub>2</sub>O<sub>5</sub> equivalent) over 4.88 m.

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	20.50	OV Overburden 21 m of casing left in place								
20.50	71.65	I3A; CG <b>Gabbro; Coarse-grained</b> Grey and green with speckled aspect, weakly foliated (45° CA), coarse-grained (5-7 mm) gabbro (anorthositic) composed of 60-75% pale grey subedral PG and 25-40% dark green CL+ mafic minerals as intergrowth material; increase of mafic minerals at depth; 5% disseminated MG; interlayered with few dark green, medium-grained (3 mm), fairly CL+, pluricentimetric to decimetric wide, melanocratic layers associated with disseminated (10-15%) MG (e.g. 27.58-27.95, 50.83-51.04 & 53.00-54.10); pegmatitic texture with PG forming suberal cumulates ranging from 1 to 3 cm with CL and MG as intercumulate material were observed at 29.82-30.00, 46.05-46.53 and 46.85-47.10; overall weakly mineralized unit; intersected by grey, medium-grained massive to weakly foliated tonalitic dyke; massive, medium-grained to coarse-grained granitic injection; and greyish green, microporphyritic, intermediate rock; poorly to moderately fractured (35-40° CA); excellent core recovery								
20.50	21.00	I1D; MG <b>Tonalite; Medium-grained</b> Grey, massive, equigranular, medium-grained (2 mm) tonalitic injection; mostly composed of whitish PG, QZ and 10% finer-grained BO and CL								
24.34	25.43	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C at 75° CA; L/C at 65° CA								
28.19	28.32	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 80° CA								
29.43	29.82	I1D; MG								

## Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
30.00	30.93								
<p><b>Tonalite; Medium-grained</b> As previously described; U/C oriented at 80° CA; L/C oriented at 56° CA</p> <p>I1D; MG</p>									
32.95	33.18								
<p><b>Tonalite; Medium-grained</b> As previously described; U/C oriented at 65° CA; L/C oriented at 80° CA</p> <p>I1D; MG</p>									
33.54	33.93								
<p><b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 65° CA</p> <p>I1D; MG</p>									
33.93	35.24								
<p><b>Tonalite; Medium-grained</b> As previously described; crosscutted by medium-grained granitic material; U/C is sub-perpendicular to CA; L/C oriented at 75° CA</p> <p>APH I2; POR</p> <p><b>Aphanitic intermediate rock; Porphyritic</b> Dark grey, porphyritic intermediate rock; composed of 5% of subedral PG phenocrysts (1-3 mm) set in a very fine-grained intermediate groundmass composed of PG, CL and BO; Tr of finely disseminated PY; non magnetic unit; fractures oriented at 17° CA; sharp contacts; U/C at 75° CA; L/C undulating at 65° CA</p>									
36.97	37.60								
<p>I1D; MG; FO</p> <p><b>Tonalite; Medium-grained; Foliated</b> As previously described; slightly deformed with foliation oriented at 40° CA</p>									
39.46	39.60								
<p>I1D; MG; FO</p> <p><b>Tonalite; Medium-grained; Foliated</b> Same as 36.97-37.60; crosscutted by a 2 QZ veins (tw 1.5 &amp; 3 cm) oriented at 60° CA; absence of mineralization</p>									
47.10	47.48	49.58	50.83	171510	1.25	15.52	2.55	0.10	0.18
<p>I1D; POR</p> <p><b>Tonalite; Porphyritic</b> Grey, weakly foliated (57° CA), porphyritic tonalite; composed of 25% subedral whitish PG set in a medium-grained (2 mm) matrix</p>									



## Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
49.91	49.98	composed of grey PG, QZ and 15% finer-grained BO±CL; U/C at 45° CA; L/C at 40° CA								
		I1D; CG	50.83	52.08	171511	1.25	24.20	3.64	0.15	0.27
		<b>Tonalite; Coarse-grained</b>	52.08	53.33	171512	1.25	25.26	3.21	0.14	0.25
		White and grey, massive, coarse-grained tonalitic injection mostly composed of whitish subedral PG and interstitial QZ with minor amount of pale rose FP; contacts oriented at 65° CA	53.33	54.58	171513	1.25	24.56	2.84	0.13	0.23
54.72	54.81		54.58	55.83	171514	1.25	10.66	1.37	0.06	0.11
		I1B; MG	55.83	57.08	171515	1.25	20.01	2.71	0.14	0.25
		<b>Granite; Medium-grained</b>	57.08	58.33	171516	1.25	15.95	2.14	0.11	0.20
58.52	59.00	Light grey to pale rose, massive, equigranular, coarse-grained (5-10 mm) granitic injection; composed of PG, K FP and QZ; contacts oriented at 20° CA	58.33	59.58	171517	1.25	9.89	1.06	0.06	0.11
		I1B; CG; PEG	59.58	60.83	171518	1.25	22.21	2.66	0.13	0.23
		<b>Granite; Coarse-grained; Pegmatitic</b>	60.83	62.14	171519	1.31	27.35	3.46	0.18	0.32
62.14	69.09	Same as 54.72-54.81; coarse-grained to pegmatitic (5-15 mm); presence of BO and MV; contacts oriented at 20° CA								
		APH I2; POR	69.09	70.34	171520	1.25	14.89	1.69	0.09	0.16
71.32	71.47	<b>Aphanitic intermediate rock; Porphyritic</b>	70.34	71.59	171521	1.25	14.95	1.56	0.09	0.16
		Same as 33.93-35.24; moderately fractured at 25°, 33°, 50° and locally at low angle to CA; CB filling fractures; U/C at 43° CA; L/C at 65° CA								
71.65	74.88	I1B; CG	71.59	72.84	171522	1.25	35.64	4.78	0.24	0.43
		<b>Granite; Coarse-grained</b>								
74.88	87.25	Coarse-grained (5-10 mm) granitic dykes with contacts oriented at 41° CA								
		DIOL; MG	72.84	74.09	171523	1.25	37.25	4.40	0.23	0.41
		<b>Disseminated iron oxide layer; Medium-grained</b>	74.09	74.88	171524	0.79	35.35	5.69	0.28	0.50
		Disseminated to heavily disseminated (5-25%) vanadiferous MG mineralization hosted in a greenish grey, medium-grained (1-2 mm) altered ferrogabbro composed of variable amount of iron oxides, SR, CL; poorly to moderately fractured at 25° and 20° CA with CL±PY filling								
		I3A; CG	74.88	76.13	171526	1.25	15.83	1.90	0.09	0.16

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		<b>Gabbro; Coarse-grained</b>	76.13	77.38	171527	1.25	22.61	3.11	0.15	0.27
		Same as 20.50-71.65 m; foliation at 50° CA; 5-7% disseminated MG; intersected by few decimetric to pluridecimetric wide dark grey, porphyritic intermediate dykes and medium-grained, well foliated, tonalitic dykes; weakly fractured; excellent core recovery	77.38	78.63	171528	1.25	18.23	2.46	0.11	0.20
77.96	78.12	APH I2; POR	78.63	79.88	171529	1.25	14.94	1.95	0.09	0.16
		<b>Aphanitic intermediate rock; Porphyritic</b>	79.88	81.13	171530	1.25	21.38	3.03	0.14	0.25
		As previously described; U/C oriented at 70° CA; L/C oriented at 36° CA	81.13	82.38	171531	1.25	15.71	2.67	0.11	0.20
			82.38	83.63	171532	1.25	20.72	2.53	0.10	0.18
			83.63	84.88	171533	1.25	19.44	1.97	0.08	0.14
			84.88	86.13	171534	1.25	13.35	1.78	0.07	0.12
86.04	86.52	I1D; FO	86.13	87.25	171535	1.12	8.47	1.11	0.03	0.05
		<b>Tonalite; Foliated</b>								
		Well foliated (38° CA), medium-grained tonalite with contacts oriented at 47° CA								
86.52	87.25	APH I2; POR								
		<b>Aphanitic intermediate rock; Porphyritic</b>								
		As previously described; U/C is strongly fractured; L/C oriented at 67° CA								
87.25	91.55	DIOL; MG	87.25	88.50	171536	1.25	30.00	2.60	0.13	0.23
		<b>Disseminated iron oxide layer;</b>	88.50	90.00	171537	1.50	31.19	2.72	0.13	0.23
		<b>Medium-grained</b>	90.00	91.55	171538	1.55	37.48	5.66	0.25	0.45
		Heterogeneous vanadiferous MG mineralization varying from disseminated to semi-massive (10-40%); associated with greenish grey, medium-grained (2-5 mm) strongly altered ferrogabbro composed of variable amount of iron oxides, CL and SR; moderately to strongly CL+; Tr of disseminated SF; moderately fractured at 30° CA with CL±PY filling; U/C at 67° CA; L/C at 45° CA								
91.55	96.53	APH I2; POR	91.55	92.80	171539	1.25	11.67	1.51	0.04	0.07
		<b>Aphanitic intermediate rock; Porphyritic</b>	92.80	94.30	171540	1.50	11.95	1.51	0.04	0.07
		As previously described; moderately fractured at 20°, 45° and 50° CA	94.30	95.30	171541	1.00	12.39	1.57	0.04	0.07
			95.30	96.53	171542	1.23	12.87	1.51	0.04	0.07
96.53	104.90	DIOL; SMIOL	96.53	97.78	171543	1.25	61.42	10.29	0.48	0.86
		<b>Disseminated iron oxide layer; Semi-massive</b>	97.78	99.03	171544	1.25	37.28	4.66	0.21	0.37

## Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
	iron oxide layer	99.03	100.28	171545	1.25	42.00	6.16	0.27	0.48	
	Same as 87.25-91.55 with vanadiferous MG content varying from 5 to 40%; well developed magmatic layering (63° CA) defined by variation of iron oxides; semi-massive to massive iron oxides (40-70%) layer was encountered from 96.93 to 97.63; moderately fractured at 35° and 45° CA; intersected by a well foliated (68° CA), Sl+ , aphanitic intermediate dyke intersected at 103.36-104.00; excellent core recovery; U/C at 35° CA; L/C at 60° CA	100.28	101.53	171546	1.25	28.66	4.01	0.17	0.30	
		101.53	102.78	171547	1.25	52.80	7.61	0.38	0.68	
		102.78	104.00	171548	1.22	29.44	3.98	0.19	0.34	
		104.00	104.90	171549	0.90	46.05	7.50	0.38	0.68	
104.90	106.97	APH I2; POR	104.90	105.90	171551	1.00	11.79	1.48	0.04	0.07
	<b>Aphanitic intermediate rock; Porphyritic</b> As previously described; with 5% subedral PG phenocrysts (1-2 mm); pale grey alteration associated with thin CB stringers filling fractures at 35° CA; U/C oriented at 60° CA; L/C oriented at 48° CA	105.90	106.97	171552	1.07	11.67	1.44	0.04	0.07	
106.97	126.22	I3A; CG <b>Gabbro; Coarse-grained</b> Fairly homogeneous unit comprises, beige and dark green, weakly foliated, locally deformed, coarse-grained (5-10 mm) gabbro composed of 50-60% light grey and beige subedral PG and 40-50% CL+ AM; iron oxides content varies from Tr amount to <10%; semi-massive (30-50%) MG mineralization forming centimetric to decimetric wide layers intersected between 106.97 -108.06, 109.00-110.65 and 125.05-127.00; massive (70%) iron oxides intersected at 120.26-120.35; magmatic layering oriented at 55° CA; Tr -1% disseminated PY or forming irregular veins (<1 cm) or stringers (e.g. 116.30 & 118.50); presence of few medium-grained, decimetric wide, anorthositic layers (e.g. 114.90-115.08); crosscutted by medium-grained (2 mm) tonalitic dyke; weakly to moderately fractured at 40°, 50° and 60° CA; excellent core recovery; lower section is fairly deformed and CB+ over 40 cm along CA	106.97	108.06	171553	1.09	48.80	8.73	0.44	0.79
108.06	109.00	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C oriented at 35°	108.06	109.00	171554	0.94	2.95	0.19	0.02	0.04
			109.00	110.25	171555	1.25	41.16	6.90	0.33	0.59

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
CA; L/C oriented at 40° CA			110.25	111.50	171556	1.25	23.62	4.03	0.17	0.30
			111.50	112.75	171557	1.25	15.01	1.74	0.09	0.16
			112.75	114.00	171558	1.25	17.67	1.54	0.08	0.14
			114.00	115.25	171559	1.25	18.22	2.32	0.10	0.18
			115.25	116.50	171560	1.25	15.59	2.26	0.10	0.18
			116.50	117.75	171561	1.25	15.98	1.67	0.08	0.14
			117.75	119.00	171562	1.25	21.97	2.71	0.12	0.21
			119.00	120.25	171563	1.25	19.83	1.75	0.09	0.16
			120.25	121.50	171564	1.25	22.95	3.18	0.14	0.25
			121.50	122.75	171565	1.25	17.14	2.10	0.10	0.18
121.71	121.73	VEI;2;Qz;;75°;; <b>Vein 2 Quartz 75°</b> QZ vein (2 cm) oriented at 75° CA								
122.66	122.71	VEI;5;Qz;;78°;; <b>Vein 5 Quartz 78°</b> QZ vein (tw 5 cm) oriented at 78° CA	122.75	124.00	171566	1.25	17.58	2.19	0.10	0.18
			124.00	125.25	171567	1.25	23.33	3.59	0.15	0.27
			125.25	126.50	171568	1.25	27.29	4.63	0.19	0.34
126.22	133.71	APH I2; POR <b>Aphanitic intermediate rock; Porphyritic</b> Same as 33.93-35.24; upper section is strongly CL+ and CB+ from 126.22-130.00; lower section shows numerous microfractures (35° and 50° CA) filled with CB-HM; well developed microfold located at 129.16 m; contacts are strongly CL+ and CB+; U/C oriented at 65° CA; L/C oriented at 50° CA	126.50	128.00	171569	1.50	19.58	2.80	0.12	0.21
133.71	141.30	I3A; I3I; CG; PEG <b>Gabbro; Anorthositic gabbro;</b> <b>Coarse-grained; Pegmatitic</b> Coarse to very coarse-grained (0.5-1 cm) gabbro (anorthositic); mostly composed of light grey subedral PG cumulates (0.5-1 cm), dark green CL+ AM (30-35%) and MG (5-15%) as intercumulates material; weakly fractured unit; presence of pegmatitic, CL+ pegmatitic gabbro associated with 10-30% MG forming irregular centimetric masses (e.g. 134.79-135.35 and 136.78-137.13); dark green, CL+, medium-grained layers associated with heavily disseminated (15-25%) MG mineralization have been intersected between 136.08-136.29 and 136.49-70;	133.71	134.96	171570	1.25	18.47	2.91	0.10	0.18
			134.96	136.21	171571	1.25	20.74	2.75	0.13	0.23
			136.21	137.46	171572	1.25	21.14	2.41	0.12	0.21
			137.46	138.71	171573	1.25	12.18	0.85	0.05	0.09
			138.71	139.96	171574	1.25	14.20	1.05	0.06	0.11
			139.96	141.30	171576	1.34	11.60	0.95	0.05	0.09

# Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
141.30	154.20	excellent core recovery I1D; MG <b>Tonalite; Medium-grained</b> Grey, massive to weakly foliated (50° CA), equigranular, medium-grained (3 mm); composed of subedral whitish PG, QZ and 10% finer-grained BO, CL; poorly to moderately fractured at 35° and 45° CA with few fractures oriented at 10° CA; U/C at 70° CA; L/C at 75° CA								
151.31	151.94	I3I; ALT	151.70	152.95	171577	1.25	7.62	0.72	0.03	0.05
		<b>Anorthositic gabbro; Altered</b> Strongly CL+ and CB+, medium-grained, anorthositic gabbro; crosscutted by CB veins (<1 cm) and stringers oriented at 15° CA; strongly fractured	152.95	154.20	171578	1.25	9.27	0.91	0.04	0.07
153.78	154.20	SZ <b>Shear zone 65°</b> Shear zone oriented at 65° CA								
154.20	169.08	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive                      iron oxide layer; Massive iron oxide layer</b> Heterogeneous MG mineralization varying from disseminated, semi-massive to massive (10-80%); hosted in greenish grey, medium-grained (2 mm), altered ferrogabbro composed of variable amount of iron oxides, SR and CL; Tr-1% disseminated SF (PO-PY±CP); moderately to fairly fractured unit; fractures oriented at 10°, 30° and 60° CA with CL filling; lower portion is intersected by numerous CB stringers; intersected by grey aphanitic intermediate dykes and medium-grained tonalitic injection; L/C is brecciated and crosscutted by a CB vein (5 cm) and stringers	154.20	155.45	171579	1.25	59.34	11.39	0.48	0.86
155.45	156.19	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 70° CA	155.45	156.70	171580	1.25	19.97	3.27	0.13	0.23
156.39	156.57	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
156.57	157.00	45° CA APH I2 <b>Aphanitic intermediate rock</b> As previously described; with microphenocrysts (0.5 mm) of PG; L/C oriented at 60° CA	156.70	157.95	171581	1.25	52.23	10.03	0.41	0.73
			157.95	159.20	171582	1.25	64.61	12.48	0.53	0.95
158.00	158.01	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	159.20	160.45	171583	1.25	53.49	9.32	0.42	0.75
			160.45	161.70	171584	1.25	36.65	5.28	0.25	0.45
			161.70	162.95	171585	1.25	33.58	5.08	0.24	0.43
			162.95	164.20	171586	1.25	20.06	3.05	0.15	0.27
163.62	164.13	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; crosscutted (45° CA) by a microporphyritic intermediate dyke with PG microphenocrysts; contacts oriented at 60° CA	164.20	165.45	171587	1.25	36.93	5.95	0.28	0.50
			165.45	166.70	171588	1.25	44.60	7.44	0.34	0.61
166.00	166.01	ML <b>Magmatic layering 66°</b> Magmatic layering oriented at 66° CA	166.70	167.95	171589	1.25	56.45	10.45	0.47	0.84
			167.95	169.08	171590	1.13	48.42	9.53	0.44	0.79
169.08	180.00	I3A; CG <b>Gabbro; Coarse-grained</b> Light beige and dark green, weakly foliated (60° CA), locally sheared, coarse-grained (5 mm) gabbro composed of equal amount subedral PG and CL+ mafic minerals as intercumulates material; MG content varies from Tr amount to <10%; pegmatitic gabbro with MG forming irregular centimetric wide patches was intersected between at 174.00-175.30; upper portion is sheared and strongly CB+ from 169.08 to 170.70 m ; weakly to moderately fractured (35°, 50° and 60° CA); excellent core recovery	169.08	170.33	171591	1.25	18.57	2.56	0.13	0.23
			170.33	171.58	171592	1.25	23.59	2.07	0.11	0.20
			171.58	172.83	171593	1.25	20.21	2.07	0.10	0.18
			172.83	174.08	171594	1.25	17.51	1.15	0.07	0.12
			174.08	175.33	171595	1.25	14.69	1.31	0.07	0.12
			175.33	176.58	171596	1.25	12.72	1.23	0.07	0.12
			176.58	177.83	171597	1.25	15.88	1.71	0.10	0.18
			177.83	179.08	171598	1.25	22.76	1.78	0.10	0.18
			179.08	180.00	171599	0.92	14.92	1.35	0.07	0.12
180.00	End of DDH Number of samples: 87 Number of QAQC samples: 4 Total sampled length: 107.36									

## Apella Resources Inc.

<b>DDH: MA-10-26</b>  Drilled by: Chibougamau Diamond Drilling Ltd Described by: R. Moar, P. Geo	Claims title: CDC 109865 Township: Range: Lot:  From: 2010-05-10 To: 2010-05-11	Section: Level: Work place: Matagami  Description date: 2010-05-12
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Collar

Azimuth:	181.40°
Dip:	-44.00°
Length:	150.00 m

UTM

East	325 899.64
North	5 511 602.13
Elevation	285.98

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No
Acid	150.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 15 m of casing left in place.  
 Composite assay results with interval value greater than 0.30% V2O5 - Maximum dilution width 1m at 0.20% V2O5:  
 49.22-51.72: 27.72% Fe2O3, 4.72% TiO2, 0.18% V (0.32% V2O5 equivalent) over 2.50 m;  
 60.97-62.22: 25.88% Fe2O3, 3.63% TiO2, 0.17% V (0.30% V2O5 equivalent) over 1.25 m;  
 78.14-79.39: 29.62% Fe2O3, 4.32% TiO2, 0.19% V (0.34% V2O5 equivalent) over 1.25 m.

Core size: NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	14.43	OV <b>Overburden</b> 15 m of casing left in place									
14.43	37.67	I3A; CG <b>Gabbro; Coarse-grained</b> Light beige and green, weakly foliated (45° CA), coarse-grained (5-7 mm) deformed gabbro composed of equal amount of subedral PG and CL+ mafic minerals as intergrowth material; weakly magnetic with less than 3% MG; locally sheared and CB+; upper section (14.43-21.30) is fairly heterogeneous; lower section comprises CL+ melanocratic gabbro associated with 10-15% MG to a CL+ and EP+ pegmatitic anorthositic gabbro with 5-10% MG; intersected by medium-grained granitic injections and greenish grey, aphanitic, intermediate dykes; moderately fractured at 20° and 40°-45° CA; excellent core recovery	14.43	15.68	171601	1.25	19.28	3.30	0.11	0.20	
			15.68	16.93	171602	1.25	27.66	4.84	0.16	0.29	
			16.93	18.18	171603	1.25	19.91	3.14	0.11	0.20	
			18.18	19.43	171604	1.25	20.75	2.70	0.10	0.18	
			19.43	20.68	171605	1.25	20.78	3.47	0.12	0.21	
			20.68	21.93	171606	1.25	18.63	2.72	0.10	0.18	
			21.93	23.18	171607	1.25	12.47	1.40	0.06	0.11	
25.58	25.77	I1B; MG <b>Granite; Medium-grained</b> Medium-grained granitic dyke oriented at 35° CA									
26.20	26.75	APH I2 <b>Aphanitic intermediate rock</b> Greenish grey, aphanitic, intermediate dyke; U/C oriented at 15° CA; fractured L/C oriented at 11° CA; fractured with orange rusty LM stains									
29.32	30.73	SZ <b>Shear zone 78°</b> Shear zone oriented at 78° CA;									
32.30	33.00	APH I2 <b>Aphanitic intermediate rock</b> Same as 26.20-26.75; fractured U/C; L/C oriented 13° CA									
33.00	33.47	SZ <b>Shear zone 75°</b> CL+ and CB+ shear zone oriented at 75° CA									
35.48	37.67	SZ <b>Shear zone 70°</b>									



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
37.67	49.22	Deformed gabbro with foliation oriented at 70° CA; lower contact is strongly CL+ and CB+ over 30 cm I1D; MG <b>Tonalite; Medium-grained</b> Grey, massive to weakly foliated (50° CA), equigranular, medium-grained (2 mm) tonalite; composed of subedral whitish PG, QZ, 15% finer-grained BO and CL; weakly fractured at 15° and 55° CA; U/C at 60° CA; L/C at 48° CA								
49.22	109.25	I3A; MG <b>Gabbro; Medium-grained</b> Weakly foliated (47° CA), medium-grained (3-5 mm) gabbro composed of 35-60% subedral whitish PG and 40-65% dark green CL+ mafic minerals as intergrowth material; locally deformed with numerous shear zones; 3-5% MG; Tr of disseminated SF; a well foliated (40° CA) semi-massive (30%) iron oxides layer was intersected between 49.62-49.92; moderately fractured at 20°, 30°, 40° and 45° CA; locally sheared and CL+ with CB stringers; deformation zone intersected from 93.00 to 97.08; crosscutted by microporphyrific intermediate dykes and medium-grained tonalitic material; excellent recovery	49.22	50.47	171608	1.25	31.20	5.81	0.22	0.39
49.62	49.92	SMIOL <b>Semi-massive iron oxide layer</b> Semi-massive (30%) iron oxides layer with foliation oriented at 40° CA	50.47	51.72	171609	1.25	24.24	3.63	0.14	0.25
			51.72	52.97	171610	1.25	20.94	2.50	0.11	0.20
			52.97	54.22	171611	1.25	21.92	3.04	0.12	0.21
			54.22	55.47	171612	1.25	22.59	3.38	0.14	0.25
			55.47	56.97	171613	1.50	19.31	2.31	0.10	0.18
			56.97	58.47	171614	1.50	15.10	1.88	0.08	0.14
			58.47	59.72	171615	1.25	12.13	1.32	0.07	0.12
58.55	59.04	SZ <b>Shear zone 52°</b> Shear zone oriented at 52° CA	59.72	60.97	171616	1.25	19.08	2.87	0.13	0.23
59.78	59.95	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA	60.97	62.22	171617	1.25	25.88	3.63	0.17	0.30
			62.22	63.47	171618	1.25	21.15	2.60	0.13	0.23

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
63.25	63.73	SZ <b>Shear zone 45°</b> Medium-grey, well foliated (45° CA), fine-grained (1 mm), sheared tonalite; contacts oriented at 45° CA	63.47	64.72	171619	1.25	17.22	2.50	0.11	0.20
63.73	64.42	SZ <b>Shear zone 65°</b> Shear zone oriented at 65° CA; 7% MG aligned along foliation; strongly CL+; presence of CB vein (1 cm) and stringers	64.72	65.97	171620	1.25	18.45	2.69	0.10	0.18
			65.97	66.76	171621	0.79	13.26	1.90	0.08	0.14
66.10	66.76	APH I2; MPOR <b>Aphanitic intermediate rock;</b> <b>Microporphyritic</b> Dark grey, microporphyritic intermediate rock with 10% subedral PG phenocrysts (1-2 mm) set in fine-grained intermediate groundmass; contacts oriented at 55° CA;	66.76	68.01	171622	1.25	28.59	4.27	0.16	0.29
66.87	67.00	I1B; MG <b>Granite; Medium-grained</b> Medium-grained granitic dykelet oriented at 50° CA								
67.00	68.00	DIOL <b>Disseminated iron oxide layer</b> Weakly foliated (45° CA), coarse-grained gabbro associated with 10% MG; Tr-1% PO-PY	68.01	69.26	171623	1.25	16.23	2.21	0.09	0.16
			69.26	70.18	171624	0.92	20.99	2.09	0.08	0.14
70.18	73.14	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; with <10% coarse-grained, CL+ gabbro intervals (18 cm) weakly mineralized with MG; poorly fractured at 43° CA with CB filling; U/C oriented at 65° CA; fractured L/C								
73.14	79.40	DIOL <b>Disseminated iron oxide layer</b> Disseminated (5-25%) MG mineralization associated with a greenish grey, coarse-grained (5 mm), CL+ ferrogabbro; Tr-1% PY-PO; few fractures oriented at 30° CA; excellent core recovery	73.14	74.39	171626	1.25	26.35	2.85	0.12	0.21
			74.39	75.64	171627	1.25	21.45	2.79	0.12	0.21
			75.64	76.89	171628	1.25	22.43	2.58	0.12	0.21
			76.89	78.14	171629	1.25	25.00	3.19	0.14	0.25
			78.14	79.39	171630	1.25	29.62	4.32	0.19	0.34
			79.39	80.64	171631	1.25	24.16	3.15	0.14	0.25

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
			80.64	81.89	171632	1.25	18.89	2.16	0.09	0.16
			81.89	83.14	171633	1.25	16.88	2.17	0.09	0.16
			83.14	84.39	171634	1.25	17.23	1.84	0.08	0.14
83.51	83.58	VEI;7;Qz;;84°;; <b>Vein 7 Quartz 84°</b> QZ vein (7 cm) oriented at 84° CA								
83.52	84.18	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA; presence of deformed QZ veins (1 cm)	84.39	85.64	171635	1.25	14.53	2.11	0.08	0.14
			85.64	86.89	171636	1.25	14.98	2.18	0.08	0.14
			86.89	88.14	171637	1.25	17.10	2.73	0.10	0.18
87.86	87.92	SZ <b>Shear zone 30°</b> Shear zone oriented t 30° CA	88.14	89.57	171638	1.43	14.42	1.94	0.07	0.12
88.64	88.68	VEI;4;Qz;;45°;; <b>Vein 4 Quartz 45°</b> QZ vein (4 cm) oriented at 45° CA								
89.56	90.77	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C at 48° CA; L/C oriented at 62° CA								
91.29	91.39	I1D; MG <b>Tonalite; Medium-grained</b> As previously described								
91.53	92.36	I1D; MG <b>Tonalite; Medium-grained</b> As previously described								
93.00	97.08	DZ <b>Deformation zone 12°</b> Strongly deformed / sheared intervals with foliation undulating from 12° to sub-parallel to 65° CA; 1% CB stringers oriented along foliation								
101.81	102.89	SZ <b>Shear zone 85°</b> Shear zone oriented at 85° CA; with deformed QZ±PY veins (<3 cm) and stringers; SI+ and CL+								
104.14	105.45	CB+ <b>Carbonatization</b>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
104.41	104.47	Alteration zone with CB VEI;6;Qz;;90°;; <b>Vein 6 Quartz 90°</b> QZ vein (6 cm) oriented at 90° CA; CB filling microfractures; no visible mineralization								
104.76	104.82	VEI;5;Qz;;65°;; <b>Vein 5 Quartz 65°</b> QZ vein oriented at 65° CA; CB filling microfractures; weakly mineralized with PY								
107.26	107.89	I1D; FO; MG <b>Tonalite; Foliated; Medium-grained</b> Well foliated (54° CA, medium-grained tonalite; contacts oriented along foliation								
109.25	123.24	I3G; I3H; CU <b>Anorthosite; Gabbroic anorthosite; Cumulate</b> Pale grey and green, very coarse-grained, anorthosite / gabbroic anorthosite with well developed cumulate texture; mainly composed of pale grey subedral PG cumulates (0.7-3 cm) and variable amount of CL and MG as intergrowth material; up to 7% MG forming irregular patches (0.5-2 cm) associated with minor PY	109.25	110.50	171639	1.25	15.62	2.60	0.10	0.18
			110.50	111.75	171640	1.25	18.29	2.12	0.09	0.16
			111.75	113.00	171641	1.25	8.74	0.59	0.04	0.07
112.82	116.57	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalitic intrusion oriented a very low angle to CA; followed from 112.82 to 116.57; fairly fractured core; contacts between both units are strongly CL+	113.00	114.50	171642	1.50	12.43	1.74	0.08	0.14
			116.85	118.10	171643	1.25	16.26	4.41	0.16	0.29
			118.10	119.35	171644	1.25	12.34	1.45	0.07	0.12
			119.35	120.60	171645	1.25	11.90	1.85	0.07	0.12
120.78	121.00	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 19° CA								
123.24	150.00	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Greenish beige and green with speckled aspect, poorly foliated, coarse-grained (5 mm) anorthositic gabbro composed of 60-70% subedral, slightly EP+ PG cumulates and 30-40% CL+ mafic minerals; weakly magnetic unit with less than 3-5% MG; MG content locally higher; poorly fractured unit at 20° and								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
55° CA; excellent core recovery.										
124.07	124.12	VEI;5;Qz;;30°;; <b>Vein 5 Quartz 30°</b> QZ vein (3-5 cm) oriented at 30° CA	127.65	128.90	171646	1.25	17.12	2.37	0.09	0.16
128.90	130.00	DIOL	128.90	130.15	171647	1.25	20.96	2.90	0.12	0.21
		<b>Disseminated iron oxide layer</b> 10% disseminated MG	130.15	131.40	171648	1.25	18.39	2.63	0.10	0.18
130.90	131.75	DIOL	131.40	132.65	171649	1.25	16.60	2.40	0.09	0.16
		<b>Disseminated iron oxide layer</b> 10% disseminated MG	132.65	133.90	171651	1.25	12.03	1.68	0.07	0.12
133.73	135.00	APH I2 <b>Aphanitic intermediate rock</b> Greenish grey, massive very fine-grained intermediate dyke; fractures oriented at 25° and 50° CA with CL-CB filling; CB stringers filling low angle fractures; U/C oriented at 53° CA; fractured L/C;								
145.08	146.27	APH I2 <b>Aphanitic intermediate rock</b> Same as 133.73-135.00; contacts oriented at 13° CA								
146.76	147.00	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; with contacts oriented at 65° CA								
147.70	147.89	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; with contacts oriented at 58° CA								
150.00	End of DDH Number of samples: 49 Number of QAQC samples: 2 Total sampled length: 61.39									

## Apella Resources Inc.

**DDH: MA-10-27**

Claims title: CDC 109864

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2010-05-13

Description date: 2010-05-14

To: 2010-05-14

**Collar**

Azimuth: 181.17°  
 Dip: -44.28°  
 Length: 132.00 m

UTM

East	325 701.65
North	5 511 607.15
Elevation	285.76

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 24 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 42.00-48.50: 41.57% Fe2O3, 7.24% TiO2, 0.33% V (0.60% V2O5 equivalent) over 6.50 m.

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	23.51	OV Overburden 24 m of casing left in place								
23.51	40.12	I3A; I3I; I3H; I3G; CG <b>Gabbro; Anorthositic gabbro; Gabbroic anorthosite; Anorthosite; Coarse-grained</b> Heterogeneous unit comprises interlayered coarse-grained (0.5-1 cm) CL+ gabbro to gabbroic anorthosite and pegmatitic anorthosite forming pluricentimetric to pluridecimetric wide layers; gabbroic rock are greenish beige and green, poorly foliated and composed of variable amount of subedral PG and dark green CL+ mafic minerals as intergrowth material; low (2-7%) MG content; CL+ pegmatitic anorthosite and gabbroic anorthosite form pluridecimetric wide interlayers locally associated with up to 20% MG (e.g. 33.13-33.37); fairly deformed and affected by numerous shear zones; fairly to strongly fractured (35°, 50° and 65° CA) and spaced at 10-50 cm intervals	27.25	28.50	171670	1.25	15.50	1.86	0.07	0.12
28.15	28.20	SZ <b>Shear zone 58°</b> Shear zone oriented at 58° CA	28.50	29.75	171671	1.25	19.26	2.65	0.10	0.18
			29.75	31.00	171672	1.25	12.72	1.56	0.06	0.11
			31.00	32.25	171673	1.25	15.91	2.36	0.09	0.16
			32.25	33.50	171674	1.25	18.45	2.87	0.11	0.20
			33.50	34.75	171676	1.25	14.82	2.15	0.08	0.14
34.30	34.45	SZ <b>Shear zone 45°</b> CL+ shear zone oriented at 45° CA								
34.52	34.81	SZ <b>Shear zone 72°</b> CL+ shear zone oriented at 72° CA; crosscutted by CB stringers	34.75	36.00	171677	1.25	12.28	1.74	0.07	0.12
35.83	36.39	SZ <b>Shear zone 85°</b> Shear zone oriented at 85° CA	36.00	37.25	171678	1.25	22.85	4.08	0.15	0.27
			37.25	38.50	171679	1.25	17.08	2.95	0.10	0.18
			38.50	39.75	171680	1.25	15.92	1.85	0.07	0.12
			39.75	41.00	171681	1.25	18.74	2.31	0.10	0.18
40.12	42.75	DIOL <b>Disseminated iron oxide layer</b>	41.00	42.00	171682	1.00	22.87	3.47	0.15	0.27
			42.00	43.00	171683	1.00	32.98	5.22	0.23	0.41

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
42.30	42.31	<p>Disseminated (5-15%) iron oxides mineralization associated with dark green, medium-grained (3-5 mm), altered ferrogabbro composed of variable amount of MG, SR, and CL; weakly developed foliation (55° CA); moderately fractured at 43° CA with CL filling; lower contact is strongly fractured; Tr of disseminated PY</p> <p>FO Foliation 43° Foliation oriented at 43° CA</p>								
42.75	48.50	<p>DIOL; SMIOL; MIOL</p> <p>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</p> <p>Disseminated, semi-massive to massive (10-80%) MG mineralization hosted in greenish grey, medium-grained (1-2 mm) altered ferrogabbro composed of variable amount of iron oxides, SR and CL; Tr-1% disseminated SF (PY-PO); massive (50-80%) iron oxides layer - magnetite - was intersected between 42.75 and 44.80; magmatic layering oriented at 48° CA; fairly fractured unit (25°, 35° and 55° CA) with CL±PY filling; minor CB veins (&lt;1 cm) and stringers</p>	43.00	44.00	171684	1.00	49.83	8.17	0.39	0.70
			44.00	45.00	171685	1.00	54.63	10.76	0.52	0.93
			45.00	46.00	171686	1.00	35.03	5.83	0.27	0.48
			46.00	47.25	171687	1.25	38.40	6.67	0.31	0.55
46.30	46.31	<p>FO Foliation 41° Foliation oriented at 41° CA</p>	47.25	48.50	171688	1.25	39.78	6.97	0.30	0.54
48.50	58.35	<p>DIOL</p> <p>Disseminated iron oxide layer</p> <p>Disseminated to heavily disseminated (10-30%) MG mineralization associated with dark green, medium-grained (3 mm), well foliated (52-55° CA) SR+ and CL+ melanocratic gabbro; interlayered with 30% light grey and green, medium-grained (2-5 mm), locally EP+ gabbro weakly mineralized with MG; moderately to fairly fractured at 25°, 45° and 60° CA; CL-PY filling fractures; lower contact is strongly CL+ and crosscutted by numerous CB stringers; intersected by a medium-grained granitic / tonalitic dykes at 49.15-49.50 with contacts oriented at 33° CA</p>	48.50	49.75	171689	1.25	22.27	3.57	0.16	0.29



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
49.15	49.50	I1B; I1D; MG	49.75	51.00	171690	1.25	24.36	3.45	0.14	0.25
		<b>Granite; Tonalite; Medium-grained</b>	51.00	52.25	171691	1.25	22.36	2.36	0.11	0.20
As per general description										
52.00	52.01	FO	52.25	53.50	171692	1.25	17.71	2.27	0.10	0.18
		<b>Foliation 46°</b>	53.50	54.75	171693	1.25	22.42	3.16	0.14	0.25
		Foliation oriented at 52° CA	54.75	56.00	171694	1.25	30.69	4.89	0.22	0.39
55.00	55.01	FO	56.00	57.25	171695	1.25	28.95	4.39	0.18	0.32
		<b>Foliation 44°</b>	57.25	58.50	171696	1.25	26.03	4.11	0.18	0.32
Foliation oriented at 55° CA										
57.60	57.61	FO								
		<b>Foliation 43°</b>								
Foliation oriented at 43° CA										
58.35	65.86	I1D; MG	58.50	60.00	171697	1.50	3.99	0.37	0.02	0.04
		<b>Tonalite; Medium-grained</b>	65.11	65.86	171698	0.75	16.22	2.78	0.12	0.21
Grey, equigranular, medium-grained (2-3 mm) tonalite; composed of subedral whitish PG, anedral QZ and 10% finer-grained BO±CL; weakly developed foliation; weakly fractured at 12°, 45° and 55° CA; U/C fractured; L/C at 52° CA										
65.22	65.33	MIOL; MG								
		<b>Massive iron oxide layer; Medium-grained</b>								
Massive (50%) MG mineralization; Tr of disseminated PY or forming very thin stringers; U/C at 20° CA; L/C at 41° CA										
65.86	85.15	I3I; MG	65.86	67.11	171699	1.25	17.37	2.73	0.12	0.21
		<b>Anorthositic gabbro; Medium-grained</b>	67.11	68.36	171701	1.25	18.88	2.89	0.13	0.23
		Heterogeneous unit comprises mainly greenish grey and dark green, weakly foliated, coarse-grained (5 mm) anorthositic gabbro composed of 60-75% subedral slightly EP+ PG cumulate and 25-40% CL+ mafic minerals as intercumulate material; weakly magnetic with very low MG content; interlayered with <5%, pluridentimetric to decimetric wide, dark green, medium-grained (2 mm), CL+, melanocratic gabbro associated with 5-10% MG; melanocratic layers are generally oriented at 55° CA; moderately fractured at 50° CA; crosscutted by, pluricentimetric to metric wide, medium-grained tonalitic dykes; few QZ veins	68.36	69.27	171702	0.91	26.96	3.81	0.17	0.30

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
were intersected between 81.09 and 81.57										
69.27	71.16	I1D; MG <b>Tonalite; Medium-grained</b>	69.27	71.16	171703	1.89	4.22	0.40	0.02	0.04
		Same as 58.35-65.86; U/C oriented at 36° CA;	71.16	72.41	171704	1.25	18.94	2.26	0.11	0.20
		L/C oriented at 44° CA	72.41	73.66	171705	1.25	17.85	2.33	0.11	0.20
75.00	75.01	FO <b>Foliation 45°</b> Foliation oriented at 45° CA								
79.50	80.33	I1D; MG <b>Tonalite; Medium-grained</b>	83.75	85.00	171706	1.25	13.18	1.64	0.08	0.14
		Same as 58.35-65.86; U/C oriented at 50° CA;	85.00	86.00	171707	1.00	29.27	4.63	0.19	0.34
		L/C oriented at 60° CA								
85.15	132.00	I3A; I3I; MG <b>Gabbro; Anorthositic gabbro; Medium-grained</b> Heterogeneous unit comprises interlayered medium-grained (2-4 mm) gabbro, anorthositic gabbro and CL+ / SR+ melanocratic gabbro associated with disseminated (5-15%) iron oxides mineralization (98.73-99.03, 101.39-101.56, 102.54-103.10, 105.69-106.09, 105.55-107.95, 109.04-109.55, 111.68-111.87, 123.96-127.70 and 131.14-131.83); presence of pegmatitic, decimetric wide, CL+ anorthosite with well developed cumulate (1-3 cm) texture and 10% MG forming irregular centimetric masses (113.58-114-31, 127.70-129.15 and 130.65-131.12); foliation varying from 40° to 55° CA; intersected by medium-grained tonalitic and granitic injections; moderately fractured unit (20°, 45° and 50° CA)	86.00	87.25	171708	1.25	20.10	2.49	0.12	0.21
90.00	90.01	FO <b>Foliation 50°</b> Foliation oriented at 50° CA								
91.05	91.56	I1B; FG <b>Granite; Fine-grained</b> Pale rose. fine-grained (1 mm) granitic injection; sheared; strongly fractured; contacts oriented at 40° CA								
94.77	98.45	APH I2 <b>Aphanitic intermediate rock</b>	98.50	99.75	171709	1.25	20.83	2.21	0.11	0.20

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
99.50	99.51	Greenish grey, fine to very fine-grained intermediate rock; foliation oriented at 60° CA; crosscutted by thin CB stringers; locally CL+ and EP+; moderately fractured at 30° and 45° CA; U/C oriented at 30° CA; L/C fractured								
		FO	99.75	101.00	171710	1.25	12.01	1.13	0.07	0.12
		<b>Foliation 53°</b> Foliation oriented at 53° CA	101.00	102.25	171711	1.25	18.95	2.27	0.11	0.20
			102.25	103.50	171712	1.25	17.89	2.16	0.11	0.20
103.10	104.12	I1D; FG	103.50	104.75	171713	1.25	10.30	1.12	0.06	0.11
		<b>Tonalite; Fine-grained</b>	104.75	106.00	171714	1.25	22.58	2.82	0.14	0.25
		Pale grey and rose; weakly foliated (71° CA), fine-grained (1 mm) tonalitic dykes; Tr of disseminated PY; deformed; U/C at 70° CA; L/C oriented at 82° CA	106.00	107.25	171715	1.25	15.22	1.71	0.09	0.16
107.00	107.01	FO	107.25	108.50	171716	1.25	22.18	2.61	0.14	0.25
		<b>Foliation 55°</b>	108.50	109.75	171717	1.25	26.82	3.90	0.19	0.34
		Foliation oriented at 55° CA	109.75	111.00	171718	1.25	20.29	3.58	0.15	0.27
			111.00	112.25	171719	1.25	22.09	3.31	0.15	0.27
			112.25	113.50	171720	1.25	22.16	4.00	0.16	0.29
112.60	112.61	FO	113.50	114.75	171721	1.25	15.28	2.29	0.09	0.16
		<b>Foliation 43°</b> Foliation oriented at 43° CA	114.75	116.00	171722	1.25	8.81	0.77	0.04	0.07
115.28	115.80	I1D; MG	116.00	117.25	171723	1.25	18.67	2.64	0.12	0.21
		<b>Tonalite; Medium-grained</b>	117.25	118.50	171724	1.25	16.70	2.03	0.10	0.18
		Same as 58.35-65.86; U/C oriented at 51° CA; L/C oriented at 47° CA	118.50	119.75	171726	1.25	12.63	1.43	0.07	0.12
			119.75	121.00	171727	1.25	6.27	0.65	0.03	0.05
120.00	121.06	I1D; MG	121.00	122.25	171728	1.25	13.95	1.78	0.08	0.14
		<b>Tonalite; Medium-grained</b>	122.25	123.75	171729	1.50	14.71	1.97	0.09	0.16
		Same as 58.35-65.86; U/C oriented at 33° CA; L/C oriented at 39° CA	123.75	125.00	171730	1.25	28.07	4.17	0.20	0.36
123.96	127.70	DIOL	125.00	126.25	171731	1.25	24.09	3.17	0.13	0.23
		<b>Disseminated iron oxide layer</b>	126.25	127.50	171732	1.25	24.01	2.82	0.12	0.21
		Disseminated (7%) MG mineralization associated with a strongly CL+,	127.50	128.75	171733	1.25	12.91	1.72	0.08	0.14
		medium-grained (3 mm) melanocratic gabbro;	128.75	130.00	171734	1.25	15.39	1.65	0.08	0.14
		strongly fractured core at 20°-30° CA with CL±	130.00	131.25	171735	1.25	19.17	2.53	0.10	0.18
		CB filling fractures	131.25	132.00	171736	0.75	21.62	2.95	0.13	0.23

# Apella Resources Inc.

132.00 End of DDH  
Number of samples: 64  
Number of QAQC samples: 3  
Total sampled length: 78.30

# Apella Resources Inc.

<b>DDH: MA-10-28</b>	Claims title: CDC 109864	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P.Geo	From: 2010-05-14	Description date: 2010-05-17
	To: 2010-05-17	

**Collar**

Azimuth: 180.00°		UTM	
Dip: -45.50°		East	325 501.16
Length: 171.00 m		North	5 511 670.90
		Elevation	287.98

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No
Acid	150.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 72 m of casing pulled out.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 94.10-95.00: 43.30% Fe2O3, 6.91% TiO2, 0.33% V (0.59% V2O5 equivalent) over 0.90 m;  
 112.86-114.11: 37.40% Fe2O3, 6.67% TiO2, 0.31% V (0.55% V2O5 equivalent) over 1.25 m;  
 119.13-120.38: 42.31% Fe2O3, 6.55% TiO2, 0.31% V (0.55% V2O5 equivalent) over 1.25 m;  
 121.63-124.13: 40.36% Fe2O3, 6.10% TiO2, 0.30% V (0.54% V2O5 equivalent) over 2.50 m;  
 126.18-127.00: 38.04% Fe2O3, 7.19% TiO2, 0.36% V (0.64% V2O5 equivalent) over 0.82 m;  
 153.17-154.42: 33.64% Fe2O3, 5.55% TiO2, 0.28% V (0.50% V2O5 equivalent) over 1.25 m;

Core size: NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

158.17-159.42: 32.62% Fe<sub>2</sub>O<sub>3</sub>, 5.12% TiO<sub>2</sub>, 0.29% V (0.52% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m.

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	72.00	OV Overburden 72 m of casing pulled out								
72.00	91.60	I3A; I3I; I3H; DEF; ALT; CG Gabbro; Anorthositic gabbro; Gabbroic anorthosite; Deformed; Altered; Coarse-grained Heterogeneous unit comprises interlayered, foliated (52°-61° CA), deformed, altered (CL+ and EP+), coarse-grained (0.5-1 cm) unit varying from a gabbro to a gabbroic anorthositc; composed of variable amount of subedral PG, CL and EP; <5% disseminated MG; presence of decimetric wide layers associated with heavily disseminated MG mineralization (e.g. 74.08-74.16, 74.54-74.86 and 88.33-88.43); magmatic layering oriented at 48° CA; affected by pluricentimetric wide CL+ shear zones; intersected by medium-grained granitic injections and QZ±CB stringers (<5 mm); fairly fractured unit (25°, 30° and 40° CA)								
77.00	77.01	FO Foliation 56° Foliation oriented at 56° CA								
79.08	79.18	SZ Shear zone 70° 2 shear zones (3-4 cm) oriented at 70° CA								
80.24	80.28	SZ Shear zone 78° Shear zone oriented at 78° CA								
80.28	81.56	I1B; FG; APL Granite; Fine-grained; Aplitic Pale rose fine-grained aplitic / granitic injection	85.35	86.60	171737	1.25	16.68	2.23	0.11	0.20
86.50	86.51	FO Foliation 48° Foliation oriented at 48° CA	86.60	87.85	171738	1.25	16.02	2.14	0.10	0.18
86.76	86.88	SZ Shear zone 68° Shear zone oriented at 68° CA	87.85	89.10	171739	1.25	19.60	3.05	0.14	0.25
			89.10	90.35	171740	1.25	14.28	1.60	0.08	0.14
			90.35	91.60	171741	1.25	17.13	2.12	0.10	0.18
91.60	95.00	DIOL; SMIOL	91.60	92.85	171742	1.25	32.70	4.90	0.24	0.43

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Disseminated iron oxide layer; Semi-massive iron oxide layer Disseminated to semi-massive (10-30%) MG mineralization associated with a well foliated (51° CA), moderately to strongly CL+ and SR+, medium-grained (2 mm) ferrogabbro; Tr amount of disseminated PY; numerous fractures oriented at 28° and 38° CA spaced at 10-15 cm intervals; U/C at 57° CA; L/C at 42° CA	92.85	94.10	171743	1.25	31.12	4.66	0.22	0.39
			94.10	95.00	171744	0.90	43.30	6.91	0.33	0.59
94.75	94.76	ML Magmatic layering 51° Magmatic layering oriented at 51° CA								
95.00	111.61	I3A; CG; VCG; PEG Gabbro; Coarse-grained; Very coarse-grained; Pegmatitic Coarse to very coarse-grained (0.5-1 cm) gabbro composed of equal amount of light grey subedral PG cumulates (0.5-1 cm), dark green CL+ mafic minerals and <3% MG; presence of pegmatitic, CL+ gabbro with well developed cumulate (1-3 cm) texture and forming pluridecimeteric wide layers weakly mineralized with MG (e.g. 98.82-99.56 and 104.87-105.34); moderately fractured at 25° and 50° CA	95.00	96.25	171745	1.25	17.80	2.21	0.10	0.18
			96.25	97.50	171746	1.25	11.94	1.50	0.07	0.12
96.40	96.85	I1D; MG Tonalite; Medium-grained Grey, foliated (55° CA), medium-grained (2-3 mm) tonalite; composed of an assemblage of subedral whitish PG, interstitial QZ and 10% finer-grained BO±CL; U/C at 45° CA; L/C at 50° CA	97.50	98.75	171747	1.25	18.72	2.33	0.10	0.18
98.45	98.75	I1D; MG Tonalite; Medium-grained Same as 96.40-96.85; fractured; fractures oriented at 30° and 40° CA with CL-CB filling	98.75	100.00	171748	1.25	16.69	1.86	0.08	0.14
			100.00	101.25	171749	1.25	20.93	2.31	0.10	0.18
			101.25	102.50	1011901	1.25	23.59	2.96	0.12	0.21
			102.50	103.75	1011902	1.25	17.61	1.87	0.08	0.14
			103.75	105.00	1011903	1.25	17.28	1.93	0.09	0.16
104.55	104.56	FO Foliation 48° Foliation oriented at 48° CA	105.00	106.25	1011904	1.25	21.54	2.82	0.12	0.21
			106.25	107.82	1011905	1.57	5.01	0.46	0.02	0.04



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
106.55	107.82	I1D; MG <b>Tonalite; Medium-grained</b> Same as 96.40-96.85: U/C oriented at 20° CA; L/C oriented at 26° CA	107.82	109.07	1011906	1.25	16.13	1.82	0.08	0.14
			109.07	110.32	1011907	1.25	19.97	2.56	0.12	0.21
			110.32	111.62	1011908	1.30	18.47	1.85	0.09	0.16
111.61	118.25	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Disseminated to semi-massive (10-30%) MG mineralization hosted in a dark grey, foliated (50° CA) medium-grained (2 mm) melanocratic gabbro; interlayered with <5% medium-grained gabbro and anorthositic gabbro forming decimetric to pluridecimetric wide weakly mineralized intervals; Tr amount of disseminated SF; three massive MG layers were intersected at 113.18-113.27, 113.60-113.69 and 117.08-117.19	111.62	112.86	1011909	1.24	24.33	3.63	0.16	0.29
			112.86	114.11	1011910	1.25	37.40	6.67	0.31	0.55
			114.11	115.36	1011911	1.25	23.01	3.27	0.15	0.27
			115.36	116.61	1011912	1.25	29.04	3.73	0.16	0.29
115.55	115.56	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA								
115.65	116.17	SZ <b>Shear zone</b> Very dark grey, massive, aphanitic mafic rock; Tr of finely disseminated PY; fractures oriented at 20°, 48° and 67° CA; U/C at 55° CA; L/C at 60° CA	116.61	117.41	1011913	0.80	38.86	6.58	0.27	0.48
			117.41	118.25	1011914	0.84	20.87	3.81	0.13	0.23
118.25	119.13	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C oriented at 61° CA; L/C oriented at 52° CA	118.25	119.13	1011915	0.88	4.79	0.44	0.02	0.04
119.13	127.00	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous MG mineralization varying from disseminated, semi-massive to massive (10-60%) associated with dark greenish grey, well foliated (60° CA), medium-grained (1-2 mm) melanocratic gabbro; Tr amount of disseminated SF (PO-PY); three massive MG layers were encountered at 119.13-120.00, 121.58-122.80 and 126.40-126.72; approximately 25% weakly mineralized intervals;	119.13	120.38	1011916	1.25	42.31	6.55	0.31	0.55
			120.38	121.63	1011917	1.25	28.15	4.20	0.19	0.34
			121.63	122.88	1011918	1.25	47.74	7.34	0.36	0.64

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
122.75	122.76	locally sheared and injected by thin CB stringers; intersected by medium-grained tonalitic dykes; moderately fractured at 40°, 45° and 55° CA ML <b>Magmatic layering 59°</b> Magmatic layering oriented at 59° CA	122.88	124.13	1011919	1.25	32.98	4.86	0.24	0.43
123.55	124.03	SZ <b>Shear zone 61°</b> Shear zone oriented at 61° CA with CB stringers oriented along foliation	124.13	125.38	1011920	1.25	30.99	5.48	0.23	0.41
			125.38	126.18	1011921	0.80	23.79	3.85	0.18	0.32
126.00	126.40	I1D; MG; SHR <b>Tonalite; Medium-grained; Sheared</b> As previously described; U/C is sheared and strongly SH+; CB filling microfractures; U/C oriented at 60° CA; L/C oriented at 50° CA	126.18	127.00	1011922	0.82	38.04	7.19	0.36	0.64
127.00	171.00	I3A; CG <b>Gabbro; Coarse-grained</b> Heterogeneous unit comprises medium-grained (3-5 mm), poorly foliated, gabbro composed of equal amount of whitish subedral PG, CL+ AM and minor amount of MG; interlayered with dark grey, coarse-grained, melanocratic gabbro forming decimetric to pluridecimetric wide layers weakly mineralized with PY-PO and associated with <10% MG; several semi-massive to massive (30-75%) MG layers (2-46 cm) oriented at 65° CA were intersected between 153.159.83; medium-grained gabbro is locally EP+; melanocratic gabbro are generally sheared and crosscutted by CB stringres; locally deformed; moderately fractured unit	127.00	128.25	1011923	1.25	16.41	2.31	0.11	0.20
			128.25	129.50	1011924	1.25	13.56	1.82	0.09	0.16
			129.50	130.75	1011925	1.25	16.55	2.07	0.10	0.18
129.86	129.95	SZ <b>Shear zone 89°</b> Shear zone oriented at 89° CA	130.75	132.00	1011926	1.25	16.53	2.00	0.09	0.16
			132.00	133.25	1011927	1.25	13.33	1.71	0.07	0.12
132.06	132.36	EP+ <b>Epidotization</b> Coarse-grained EP+ gabbro	133.25	134.50	1011928	1.25	20.05	2.21	0.10	0.18
			134.50	135.25	1011929	0.75	21.35	1.70	0.08	0.14
135.25	137.33	DIOL <b>Disseminated iron oxide layer</b> 5-10% disseminated MG	135.25	136.25	1011930	1.00	19.48	1.78	0.09	0.16
			136.25	137.33	1011931	1.08	24.33	3.13	0.15	0.27
			137.33	138.58	1011932	1.25	19.31	2.11	0.10	0.18

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
142.00	142.01	FO <b>Foliation 36°</b> Foliation oriented at 36° CA	138.58	139.83	1011933	1.25	22.30	2.68	0.11	0.20
			139.83	141.08	1011934	1.25	20.36	2.29	0.10	0.18
144.55	145.00	EP+ <b>Epidotization</b> Coarse-grained EP+ gabbro								
145.00	148.17	SZ <b>Shear zone</b> Lithological unit interpreted as a strongly deformed gabbro; very dark grey, massive, fine-grained to aphanitic mafic rock; microporphyritic texture with up to 15% subedral (1-3 mm) PG more or less oriented along foliation (62° CA) Tr of finely disseminated PY; lower portion crosscutted by CB stringers; U/C at 40° CA; L/C at 46° CA	146.92	148.17	1011936	1.25	11.67	1.73	0.07	0.12
148.17	151.26	DIOL <b>Disseminated iron oxide layer</b> Well layered heavily disseminated (15-20%) iron oxides layers interlayered with poorly mineralized intervals (1-2 cm); magmatic layering oriented at 52° CA; EP+; 1% PY; intersected by 2% CB stringers oriented at 47° CA	148.17	149.42	1011937	1.25	36.07	5.30	0.26	0.46
			149.42	150.67	1011938	1.25	24.56	3.52	0.18	0.32
150.00	150.01	FO <b>Foliation 51°</b> Foliation oriented at 56° CA								
150.46	150.53	SZ <b>Shear zone</b> Same as 145.00-148.17; dark grey, aphanitic mafic rock; presence of anedral PG microphenocrysts (1-2 mm); sharp contacts oriented at 72° CA	150.67	151.92	1011939	1.25	20.72	3.11	0.16	0.29
			151.92	153.17	1011940	1.25	20.43	3.16	0.17	0.30
153.16	153.58	MIOL <b>Massive iron oxide layer</b> 50% MG associated with a weakly foliated (64° CA), medium-grained (2 mm) ferrogabbro; U/C oriented at 75° CA; L/C oriented at 65° CA	153.17	154.42	1011941	1.25	33.64	5.55	0.28	0.50
			154.42	155.67	1011942	1.25	20.27	3.05	0.15	0.27

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
154.95	155.08	I1D; MG	155.67	156.92	1011943	1.25	26.68	4.21	0.22	0.39
		<b>Tonalite; Medium-grained</b>	156.92	158.17	1011944	1.25	18.15	2.19	0.13	0.23
		As previously described; contact oriented at 60° CA	158.17	159.42	1011945	1.25	32.62	5.12	0.29	0.52
			159.42	160.67	1011946	1.25	20.21	2.85	0.16	0.29
159.83	160.55	SZ	160.67	161.92	1011947	1.25	14.42	1.07	0.07	0.12
		<b>Shear zone 64°</b> Shear zone oriented at 64° CA	161.92	163.17	1011948	1.25	11.22	1.01	0.07	0.12
163.60	163.65	I1B; MG <b>Granite; Medium-grained</b> Medium-grained granitic injection with contacts oriented at 35° CA								
171.00 End of DDH Number of samples: 60 Number of QAQC samples: 2 Total sampled length: 71.98										

# Apella Resources Inc.

DDH: MA-10-29

Claims title: CDC 109864

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2010-05-17

Description date: 2010-05-19

To: 2010-05-19

## Collar

### UTM

Azimuth: 180.00°

Dip: -44.50°

Length: 168.00 m

East 325 449.33

North 5 511 690.51

Elevation 286.41

## Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-44.00°	No
Acid	168.00		-44.00°	No

Type	Depth	Azimuth	Dip	Invalid
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## Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 72 m of casing pulled out.

Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:

93.80-94.80: 35.38% Fe2O3, 6.69% TiO2, 0.30% V (0.54% V2O5 equivalent) over 1.00 m;

131.71-147.14: 55.13% Fe2O3, 9.54% TiO2, 0.45% V (0.80% V2O5 equivalent) over 15.43 m.

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	70.85	OV <b>Overburden</b> 72 m of casing pulled out									
70.85	107.73	I3A; I3I; CG <b>Gabbro; Anorthositic gabbro;</b> <b>Coarse-grained</b> Fairly homogeneous unit varying from coarse-grained (5 mm) gabbro to anorthositic gabbro; composed of 60-70% of subedral light grey and beige PG cumulates and 30-40% CL+ AM as intercumulates material; weakly magnetic with 1-3% MG; crosscutted by decimetric wide, medium-grained tonalitic / granitic dykes; interlayered with coarse-grained, dark green, medium-grained MG-bearing CL+ melanocratic forming decimetric wide interlayers with disseminated to semi-massive (5-30%) MG mineralization; moderately to weakly fractured unit; excellent core recovery									
73.25	73.26	ML <b>Magmatic layering 55°</b>	75.45	76.70	1011953	1.25	25.02	4.15	0.16	0.29	
		Magmatic layering oriented at 55° CA	76.70	77.95	1011954	1.25	20.04	2.51	0.10	0.18	
77.00	77.01	FO <b>Foliation 55°</b>	77.95	79.20	1011955	1.25	28.39	4.60	0.19	0.34	
		Magmatic layering oriented at 55° CA	79.20	80.45	1011956	1.25	25.52	3.36	0.16	0.29	
			80.45	81.55	1011957	1.10	25.41	3.61	0.17	0.30	
81.55	82.31	APH I3; MPOR <b>Aphanitic mafic dyke; Microporphyritic</b> Dark greenish grey, massive, very fine-grained (0.25-0.5 mm) gabbro; presence of anedral PG microphenocrysts (1 mm); non magnetic unit; Tr of finely disseminated PY; sharp contacts oriented at 35° CA	81.55	83.10	1011958	1.55	19.45	2.35	0.08	0.14	
82.62	83.10	APH I3 <b>Aphanitic mafic dyke</b> Same as 81.55-82.32; U/C oriented at 65° CA; L/C oriented at 35° CA									
83.10	86.55	DIOL <b>Disseminated iron oxide layer</b> Disseminated to heavily disseminated (Tr-25%) MG mineralization associated with a well	83.10	84.65	1011959	1.55	25.65	3.23	0.17	0.30	
			84.65	85.60	1011960	0.95	28.20	4.47	0.21	0.37	

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
85.00	85.01	layered (40°-45° CA) greenish grey, medium-grained (3 mm) ferrogabbro; Tr of disseminated PY; well layered unit; weakly to moderately fractured with fractures mostly oriented at 25° and 30° CA with CL±PY filling								
		ML	85.60	86.55	1011961	0.95	33.16	5.32	0.26	0.46
		<b>Magmatic layering 45°</b>	86.55	87.80	1011962	1.25	13.94	1.73	0.07	0.12
		Magmatic layering oriented at 45° CA	87.80	89.05	1011963	1.25	21.49	3.18	0.14	0.25
			89.05	90.30	1011964	1.25	19.78	3.13	0.13	0.23
			90.30	91.55	1011965	1.25	14.08	1.58	0.08	0.14
			91.55	92.80	1011966	1.25	21.67	2.98	0.13	0.23
			92.80	93.80	1011967	1.00	18.57	2.77	0.13	0.23
	93.80	94.80	1011968	1.00	35.38	6.69	0.30	0.54		
94.05	94.32	MIOL <b>Massive iron oxide layer</b> 50-60% MG; U/C oriented at 52° CA; L/C oriented at 43° CA								
94.10	94.11	ML <b>Magmatic layering 35°</b> Magmatic layering oriented at 35° CA	94.80	96.05	1011969	1.25	14.81	1.78	0.08	0.14
96.05	96.85	APH I3 <b>Aphanitic mafic dyke</b> As previously described; U/C fractured; L/C oriented at 28° CA	96.05	97.30	1011970	1.25	18.43	2.37	0.09	0.16
102.27	103.21	I1B; CG; PEG	103.21	104.46	1011971	1.25	20.37	2.69	0.13	0.23
		<b>Granite; Coarse-grained; Pegmatitic</b>	104.46	105.71	1011972	1.25	30.15	4.89	0.23	0.41
		Pale rose and pale grey, coarse-grained (7 mm) to pegmatitic granitic dyke; composed of QZ, subedral K FP and PG; U/C oriented at 40° CA; L/C oriented at 30° CA	105.71	106.96	1011973	1.25	16.84	1.97	0.10	0.18
105.75	105.76	FO <b>Foliation 37°</b> Magmatic layering oriented at 37° CA	106.96	108.21	1011974	1.25	11.18	1.42	0.08	0.14
107.73	131.71	I3I; I3A; CG <b>Anorthositic gabbro; Gabbro; Coarse-grained</b> Fairly homogeneous unit comprises greenish grey and dark green, poorly foliated, coarse-grained (5								

## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
mm) anorthositic gabbro composed of 60-70% subedral PG cumulates, 25-30% CL+ mafic minerals as intercumulate material; 3-5% disseminated MG; increasing of mafic minerals content at depth; the lower section from 118.17-131.71 is fairly deformed and affected by pluricentimetric to pluridecimetric wide shear zones; poorly to moderately fractured unit (25°, 40° and 50° CA); crosscutted by a plurimetric wide, medium-grained tonalitic dyke											
115.00	115.01	FO Foliation 75° Magmatic layering oriented at 75° CA	122.96	124.21	1011976	1.25	14.95	2.20	0.10	0.18	
			124.21	125.46	1011977	1.25	20.12	3.36	0.15	0.27	
			125.46	126.71	1011978	1.25	25.63	3.30	0.15	0.27	
			126.71	127.96	1011979	1.25	10.68	1.36	0.07	0.12	
127.16	127.95	I1D; MG Tonalite; Medium-grained As previously described; U/C oriented at 64° CA; L/C oriented at 30° CA	127.96	129.21	1011980	1.25	13.79	1.85	0.09	0.16	
128.50	129.24	SZ Shear zone Thinly foliated shear zone; strongly CB+; U/C oriented at 52° CA; L/C oriented at 43° CA	129.21	130.46	1011981	1.25	8.22	1.01	0.05	0.09	
129.24	130.00	I1D; MG Tonalite; Medium-grained As previously described; U/C is sheared and oriented at 43° CA; L/C oriented at 63° CA	130.46	131.71	1011982	1.25	15.44	1.99	0.09	0.16	
131.71	147.14	SMIOL; MIOL Semi-massive iron oxide layer; Massive iron oxide layer Well layered (45°-55° CA), medium-grained (2 mm), disseminated (15-20%) and semi-massive to massive (30-70%) MG mineralization encountered from 131.71 to 142.00; coarser-grained (3-4 mm), fairly to strongly fractured, semi-massive to massive (40-75%) MG mineralization intersected from 142.00 to 147.14 m; gangue minerals consist of variable amount of SR and CL; Tr to 1% disseminated SF; magmatic layering is well defined by variation of iron oxides content; the upper is moderately to strongly fractured with interval of strongly broken core	131.71	132.96	1011983	1.25	53.95	8.58	0.39	0.70	
			132.96	134.21	1011984	1.25	53.11	8.45	0.34	0.61	



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
(134.39-135.00) and CL+, decimetric wide, shear zones oriented at 70° CA; the lower mineralized section is strongly fractured with plurimetric wide interval of strongly broken core in pieces of 1-10 cm; RQD - 20% - poor core recovery; overall fractures are oriented at 40° and 60°; a strongly CL+ shear zone with contacts oriented at 12° and 25° CA were intersected between 141.33 and 141.78; U/C is fractured and strongly CL+; L/C is faulted										
134.00	134.01	ML	134.21	135.46	1011985	1.25	52.08	8.65	0.37	0.66
		<b>Magmatic layering 55°</b>	135.46	136.71	1011986	1.25	57.70	9.41	0.41	0.73
		Magmatic layering oriented at 55° CA								
136.25	136.26	ML	136.71	137.96	1011987	1.25	52.68	8.67	0.42	0.75
		<b>Magmatic layering 55°</b>	137.96	139.21	1011988	1.25	44.91	6.61	0.32	0.57
		Magmatic layering oriented at 55° CA								
138.00	138.01	ML	139.21	140.46	1011989	1.25	41.62	6.22	0.30	0.54
		<b>Magmatic layering 45°</b>								
		Magmatic layering oriented at 45° CA								
140.00	140.01	ML	140.46	141.71	1011990	1.25	51.10	8.94	0.41	0.73
		<b>Magmatic layering 50°</b>	141.71	142.96	1011991	1.25	59.44	11.15	0.49	0.87
		Magmatic layering oriented at 50° CA	142.96	144.21	1011992	1.25	67.23	12.85	0.59	1.05
144.00	144.01	ML	144.21	145.21	1011993	1.00	68.44	13.03	0.67	1.20
		<b>Magmatic layering 45°</b>	145.21	146.21	1011994	1.00	67.19	12.66	0.67	1.20
		Magmatic layering oriented at 45° CA	146.21	147.14	1011995	0.93	51.33	10.36	0.52	0.93
146.82	147.14	FZ								
		<b>Fault zone</b>								
		Dark green CL+ fault zone affecting a semi-massive to massive iron oxides mineralized zone; 100% of crumbly to powdery material								
147.14	157.82	I3A; CG	147.14	148.39	1011996	1.25	12.07	0.96	0.06	0.11
		<b>Gabbro; Coarse-grained</b>	148.39	149.64	1011997	1.25	11.33	1.04	0.06	0.11
		Heterogeneous unit comprises greenish grey, coarse-grained (5 mm) EP+ gabbro composed of 60% subbedral EP+ PG cumulates and 40 % CL+ mafic minerals; weakly magnetic unit with less than 3% MG; few pluricentimetric wide shear zones were also observed; minor amount of dark green, CL+ melanocratic interlayers (<25 cm) associated with	149.64	150.89	1011998	1.25	13.88	1.51	0.09	0.16
			150.89	152.14	1011999	1.25	17.82	2.35	0.12	0.21
			152.14	153.39	1049501	1.25	21.20	2.49	0.14	0.25
			153.39	154.64	1049502	1.25	15.74	1.69	0.09	0.16

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
147.14	147.94	10-15% iron oxides (e.g. 152.44-152.69); weakly fractured unit I3A; FG <b>Gabbro; Fine-grained</b> Greenish grey, massive, fine-grained (0.5-1 mm) CL+ and CB+ gabbro; non magnetic unit; weakly to fairly CB+; L/C oriented at 60° CA							
157.82	168.00	I3H; CG <b>Gabbroic anorthosite; Coarse-grained</b> Fairly homogeneous beige to greenish beige, poorly foliated (45° CA), gabbroic anorthosite; composed of 85% slightly to strongly EP+ subedral PG and 15% CL; Tr amount of MG; Tr of disseminated PY; EP+, CL+ and slightly CB+ pegmatitic anorthosite layer was intersected between 165.53-166.45; poorly fractured at 35°-40° CA; excellent core recovery							
159.01	159.81	I1D; MG <b>Tonalite; Medium-grained</b> Greenish grey, weakly foliated, locally sheared, CL+, medium-grained tonalite; composed of subedral PG, interstitial QZ and CL; Tr of disseminated PY; U/C sheared and oriented at 74° CA; L/C oriented at 60° CA							
168.00 End of DDH Number of samples: 48 Number of QAQC samples: 3 Total sampled length: 58.53									

# Apella Resources Inc.

DDH: **MA-10-30**  
  
Drilled by: Chibougamau Diamond Drilling Ltd  
Described by: R. Moar, P. Geo

Claims title: CDC 109864  
Township:  
Range:  
Lot:  
From: 2010-05-20  
To: 2010-05-23

Section:  
Level:  
Work place: Matagami  
Description date: 2010-05-23

## Collar

Azimuth: 175.12°  
Dip: -45.00°  
Length: 171.00 m

## UTM

East	325 399.82
North	5 511 716.29
Elevation	283.83

## Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No
Acid	171.00		-44.00°	No

Type	Depth	Azimuth	Dip	Invalid
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## Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 27 m of casing left in place.  
Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
65.00-70.00: 41.71% Fe2O3, 6.33% TiO2, 0.29% V (0.52% V2O5 equivalent) over 5.00 m;  
72.50-78.05: 55.93% Fe2O3, 10.03% TiO2, 0.44% V (0.79% V2O5 equivalent) over 5.55 m;  
84.87-86.12: 41.26% Fe2O3, 7.81% TiO2, 0.31% V (0.55% V2O5 equivalent) over 1.25 m;  
92.37-93.65: 39.39% Fe2O3, 7.42% TiO2, 0.29% V (0.52% V2O5 equivalent) over 1.28 m;  
118.15-120.65: 55.34% Fe2O3, 9.62% TiO2, 0.34% V (0.60% V2O5 equivalent) over 2.50 m;  
123.15-131.61: 43.33% Fe2O3, 6.98% TiO2, 0.31% V (0.56% V2O5 equivalent) over 8.46 m;

Core size: **NQ core**                      Cemented: **No**                      Stored: **Yes**

## Apella Resources Inc.

139.03-141.46: 47.32% Fe<sub>2</sub>O<sub>3</sub>, 6.32% TiO<sub>2</sub>, 0.29% V (0.52% V<sub>2</sub>O<sub>5</sub> equivalent) over 2.43 m;  
143.64-147.39: 66.23% Fe<sub>2</sub>O<sub>3</sub>, 13.54% TiO<sub>2</sub>, 0.49% V (0.87% V<sub>2</sub>O<sub>5</sub> equivalent) over 3.75 m;  
149.89-152.79: 41.77% Fe<sub>2</sub>O<sub>3</sub>, 7.05% TiO<sub>2</sub>, 0.31% V (0.55% V<sub>2</sub>O<sub>5</sub> equivalent) over 2.90 m;  
157.00-158.42: 59.86% Fe<sub>2</sub>O<sub>3</sub>, 11.65% TiO<sub>2</sub>, 0.55% V (0.98% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.42 m.

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	25.92	OV Overburden 27 m of casing left in place								
25.92	61.25	I3A; I3I; I3H; I3G; CG <b>Gabbro; Anorthositic gabbro; Gabbroic anorthosite; Anorthosite; Coarse-grained</b> Strongly heterogeneous unit comprises interlayered, weakly foliated, coarse-grained (0.5-1 cm) unit varying from a gabbro to an anorthosite which form decimetric to plurimetric wide layers; composed of variable amount of light beige subedral, locally EP+, PG cumulates and CL+ AM as intercumulates material; weakly magnetic unit with 2-5% MG; presence of dark green, fine to medium-grained, CL+, sheared, melanocratic layers (<25 cm); gabbroic anorthosite / anorthositic gabbro with well preserved cumulate texture (1-5 cm) of PG were observed at 37.23-40.00, 46.27-46.64 and 57.83-59.59; lithological contacts are generally oriented at 50-55° CA; crosscutted by pluridecimetric wide, medium-grained tonalite dykes; weakly fractured unit (30°, 40° and 60° CA); excellent core recovery								
27.26	27.70	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dyke; broken core								
46.14	46.29	I1D; MG <b>Tonalite; Medium-grained</b> Pale grey, medium-grained (2 mm) tonalite dyke; contacts oriented at 40° CA								
46.56	47.46	I1D; MG <b>Tonalite; Medium-grained</b> Pale grey to greyish rose, medium-grained (2 mm) HM+ tonalite; mostly composed of subedral FP, interstitial QZ and <10% finer-grained BO±CL; U/C oriented at 25° CA; L/C oriented at 45° CA								
50.88	51.20	I1D; MG; SHR <b>Tonalite; Medium-grained; Sheared</b> Pale grey, medium-grained, sheared (60° CA) tonalite								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
51.84	52.23	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 65° CA;								
52.29	52.37	I1D; MG <b>Tonalite; Medium-grained</b> As previously described								
52.50	52.62	I1D; MG <b>Tonalite; Medium-grained</b> As previously described	55.00	56.25	1049503	1.25	15.64	2.12	0.09	0.16
			56.25	57.50	1049504	1.25	15.54	2.09	0.09	0.16
			57.50	58.75	1049505	1.25	11.33	1.54	0.06	0.11
			58.75	60.00	1049506	1.25	13.33	2.00	0.07	0.12
			60.00	61.25	1049507	1.25	13.84	1.37	0.06	0.11
61.25	78.05	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Disseminated, semi-massive and massive MG (10-90%) mineralization hosted in a greenish grey, medium-grained (2 mm) altered ferrogabbro composed of variable amount of MG, SR and CL; Tr-1% disseminated PO-PY; magmatic layering varying from 57° to 70° CA; 2 magnetite layers associated with more than 80% MG were encountered at 74.86-75.20, 75.93-78.05; approximately 10% weakly mineralized (<5% MG) decimetric to metric wide intervals; fairly to strongly fractured rock ( 10°, 35°, 45° and 55° CA with CL±PY filling); intervals of strongly broken core with poor core recovery are associated with a strong CL alteration (63.88-64.42, 65.23-65.9, 66.35-67.40 and 76.60-78.05); contacts are fractured	61.25	62.50	1049508	1.25	33.12	3.97	0.16	0.29
			62.50	63.75	1049509	1.25	32.33	4.52	0.19	0.34
			63.75	65.00	1049510	1.25	39.88	3.86	0.18	0.32
			65.00	66.25	1049511	1.25	51.89	8.20	0.38	0.68
66.10	66.11	ML <b>Magmatic layering 55°</b> Magmatic layering oriented at 55° CA	66.25	67.50	1049512	1.25	40.14	5.88	0.27	0.48
			67.50	68.75	1049513	1.25	37.93	5.70	0.26	0.46
			68.75	70.00	1049514	1.25	36.88	5.55	0.25	0.45
69.20	69.21	ML <b>Magmatic layering 55°</b> Magmatic layering oriented at 55° CA	70.00	71.25	1049515	1.25	35.75	5.18	0.23	0.41
			71.25	72.50	1049516	1.25	29.09	3.65	0.18	0.32
			72.50	73.75	1049517	1.25	43.38	6.46	0.30	0.54
			73.75	75.00	1049518	1.25	48.35	7.76	0.37	0.66

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
74.75	74.76	ML <b>Magmatic layering 65°</b> Magmatic layering oriented at 65° CA	75.00	76.25	1049519	1.25	63.92	11.91	0.56	1.00
75.90	75.91	ML <b>Magmatic layering 75°</b> Magmatic layering oriented at 75° CA	76.25	77.25	1049520	1.00	63.75	12.12	0.53	0.95
			77.25	78.05	1049521	0.80	65.15	13.58	0.48	0.86
78.05	83.62	I1D; MG <b>Tonalite; Medium-grained</b> Light to medium grey, massive, medium-grained (2 mm) tonalite; composed of 60% whitish subedral PG, 25% interstitial QZ and 15% finer-grained BO and CL; moderately fractured at 35° and 50° CA; upper section is fairly fractured; U/C fractured; L/C oriented at 53° CA	78.05	79.30	1049522	1.25	5.13	0.31	0.02	0.04
			79.30	80.55	1049523	1.25	8.49	1.18	0.04	0.07
79.45	79.53	SMIOL; SHR <b>Semi-massive iron oxide layer; Sheared</b> Semi-massive (40%) iron oxide layer; sheared (53° CA) and CL+; minor amount of CB; broken core	80.55	81.80	1049524	1.25	6.71	0.80	0.03	0.05
			81.80	83.00	1049526	1.20	6.27	0.70	0.02	0.04
			83.00	83.62	1049527	0.62	4.33	0.39	0.02	0.04
83.62	93.65	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Same as 61.25-78.05; 15% weakly mineralized intervals; magmatic layering oriented at 45°-55° CA; massive iron oxide layers (0.06 to 0.25 m) were observed at 83.83-93.93; 85.23-85.58; 85.68-85.82; 86.80-86.92; 87.00-87.06 and 89.00-89.25; presence of pale rose anedral (1-2 mm) GR (e.g. 87.14); affected by dark green CL+ shear zones; moderately to fairly fractured; overall good core recovery	83.62	84.87	1049528	1.25	35.34	5.82	0.23	0.41
			84.87	86.12	1049529	1.25	41.26	7.81	0.31	0.55
			86.12	87.37	1049530	1.25	33.64	5.71	0.22	0.39
87.00	87.01	ML <b>Magmatic layering 56°</b> Magmatic layering oriented at 56° CA	87.37	88.62	1049531	1.25	28.83	4.77	0.20	0.36
87.50	88.02	SZ <b>Shear zone 60°</b> CL+ shear zone oriented at 60° CA	88.62	89.87	1049532	1.25	29.16	4.89	0.20	0.36
88.64	89.42	SZ <b>Shear zone 65°</b> CL+ shear zone oriented at 65° CA	89.87	91.12	1049533	1.25	20.08	2.86	0.10	0.18
			91.12	92.37	1049534	1.25	40.54	6.95	0.26	0.46

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
92.00	92.01	ML <b>Magmatic layering 55°</b> Magmatic layering oriented at 55° CA	92.37	93.65	1049535	1.28	39.39	7.42	0.29	0.52
93.65	118.15	I3A; I3H; MG; CG; FR; ALT; SHR <b>Gabbro; Gabbroic anorthosite;</b> <b>Medium-grained; Coarse-grained; Fractured;</b> <b>Altered; Sheared</b> Heterogeneous unit comprises medium to coarse-grained (3-5 mm) moderately to strongly CL+ and EP+ gabbro interlayered with minor amount of gabbroic anorthosite forming decimetric to metric wide layers; overall low MG content (<3%); the upper section (93.65-97.54) shows up to 15% heavily disseminated MG and thin semi-massive to massive (30-50%) layers (2 cm) oriented at 55° CA; the upper section from 96.65 to 105.14 is moderately to fairly fractured at 15°, 35° and 45° CA; the lower section is strongly CL+, deformed, sheared, brecciated and fractured (generally oriented at low angle to CA) with 50% of strongly broken core	93.65	94.90	1049536	1.25	25.71	4.38	0.18	0.32
			94.90	96.15	1049537	1.25	12.87	1.84	0.07	0.12
			96.15	97.40	1049538	1.25	31.11	5.87	0.23	0.41
			97.40	98.65	1049539	1.25	16.01	2.26	0.09	0.16
106.18	108.00	SZ <b>Shear zone</b> Shear zone with very poor core recovery								
109.28	109.75	SZ <b>Shear zone</b> Shear zone with very poor core recovery								
111.00	112.73	SZ <b>Shear zone</b> Shear zone with very poor core recovery	114.40	115.65	1049540	1.25	11.76	1.42	0.08	0.14
			115.65	116.90	1049541	1.25	22.88	3.45	0.16	0.29
			116.90	118.15	1049542	1.25	22.21	2.54	0.12	0.21
117.43	118.15	SZ <b>Shear zone</b> Shear zone with very poor core recovery								
118.15	131.61	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heavily disseminated, semi-massive to massive (20-90%) MG mineralization associated with greenish grey, medium-grained (2 mm) strongly altered ferrogabbro composed of variable amount of MG, SR	118.15	119.40	1049543	1.25	45.15	6.43	0.27	0.48



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		and CL; overall MG content is estimated to 30%; Tr-1% disseminated SF; foliation oriented at 60° CA; the upper section from 118.15 to 124.15 is strongly fractured (20°, 55° and 60° CA) with very poor to poor core recovery; CL-CB-PY filling fractures; <5% poorly mineralized intervals which consist of strongly deformed and altered, coarse-grained anorthositic gabbro layers; crosscutted by a pluridecimeteric wide, medium-grained tonalite dyke; contacts are strongly fractured								
118.56	119.30	SZ <b>Shear zone</b> Shear zone; strongly CL+; broken core; very poor recovery								
119.30	120.54	MIOL <b>Massive iron oxide layer</b> 80-90% MG; CL+; fractured	119.40	120.65	1049544	1.25	65.53	12.81	0.40	0.71
			120.65	121.90	1049545	1.25	27.46	2.84	0.11	0.20
121.42	121.73	SZ <b>Shear zone</b> Shear zone; strongly CL+; broken core; very poor recovery	121.90	123.15	1049546	1.25	25.46	3.82	0.16	0.29
			123.15	124.40	1049547	1.25	40.74	5.58	0.23	0.41
			124.40	125.65	1049548	1.25	46.48	7.59	0.33	0.59
125.00	125.01	FO <b>Foliation 60°</b> Foliation oriented at 60° CA								
125.48	126.09	I1D; MG; FR <b>Tonalite; Medium-grained; Fractured</b> Grey, weakly foliated (60° CA), medium-grained tonalite; fractured	125.65	126.90	1049549	1.25	38.51	6.37	0.28	0.50
			126.90	128.15	1049551	1.25	43.10	6.39	0.30	0.54
			128.15	129.40	1049552	1.25	47.71	7.74	0.36	0.64
			129.40	130.61	1049553	1.21	34.55	5.29	0.24	0.43
			130.61	131.61	1049554	1.00	54.06	10.55	0.48	0.86
130.66	131.49	MIOL <b>Massive iron oxide layer</b> 70-80% MG								
131.61	139.03	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Light grey and green, weakly foliated, coarse-grained (5 mm) anorthositic gabbro composed of 70% subedral PG cumulates and 30% CL+ mafic minerals; 3-5% disseminated MG; Tr to 1% disseminated PY; crosscutted by pluridecimeteric to metric wide,	131.61	132.86	1049555	1.25	13.60	1.74	0.08	0.14

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
131.67	131.86	medium-grained, weakly foliated (55° CA) tonalite dykes; few fractures oriented at 45° and 55° CA I1D; MG <b>Tonalite; Medium-grained</b> As previously described; deformed and injected by thin CB stringers; contacts oriented at 70° CA								
132.51	134.74	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C oriented at 75° CA; L/C oriented at 63° CA	132.86	134.11	1049556	1.25	2.27	0.16	0.01	0.02
			134.11	135.36	1049557	1.25	8.89	0.79	0.04	0.07
			135.36	136.61	1049558	1.25	13.43	1.01	0.05	0.09
136.36	136.92	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 62° CA	136.61	137.86	1049559	1.25	12.90	1.07	0.05	0.09
			137.86	139.03	1049560	1.17	15.17	1.32	0.06	0.11
139.03	141.46	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heavily disseminated to massive (15-60%) MG mineralization associated with strongly CL+ and SR+ medium-grained ferrogabbro; <10% weakly mineralized intervals; magmatic layering oriented at 60° CA; CL-EP-PY filling fractures at 25° CA; U/C oriented at 47° CA; L/C is sheared, CL+ and oriented at 65° CA	139.03	140.25	1049561	1.22	46.71	6.18	0.29	0.52
139.25	139.26	ML <b>Magmatic layering 58°</b> Magmatic layering oriented at 58° CA	140.25	141.46	1049562	1.21	47.93	6.46	0.29	0.52
141.46	143.64	I3I; I3H; I3A <b>Anorthositic gabbro; Gabbroic anorthosite; Gabbro</b> Heterogeneous unit which consists of Interlayered coarse-grained gabbroic anorthosite / anorthositic gabbro in the upper section; and coarse-grained to pegmatitic gabbro in the lower section; leucocratic units show a very low MG content; mesocratic units are associated with 10-15% MG forming irregular centimetric masses (0.5-2 cm); 1-5% disseminated PY; moderately fractured at 20° and 40° CA	141.46	142.46	1049563	1.00	15.28	1.78	0.08	0.14
			142.46	143.64	1049564	1.18	22.51	3.12	0.13	0.23
143.25	143.26	ML								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
<b>Magmatic layering 58°</b> Magmatic layering oriented at 58° CA										
143.64	158.42	DIOL; SMIOI; MIOI	143.64	144.89	1049565	1.25	70.02	14.13	0.51	0.91
		<b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b>	144.89	146.14	1049566	1.25	69.12	14.80	0.51	0.91
Heterogeneous MG mineralization varying from disseminated (5-10%), semi-massive to massive (30-90%); hosted in a medium-grained (2-3 mm) altered ferrogabbro; the MG content decreases at depth; magmatic layering is well developed (70° CA) and defined by variation of iron oxides content; approximately 25% weakly mineralized intervals intersected between 147.90-149.36 and 152.79-155.70; the upper section (143.64-144.00) is affected by strongly CL+ shear zones (1-5 cm) oriented at 60°-67° CA and intersected by thin CB stringers trending at 20° CA; Tr-1% disseminated SF (PY-PO±CP); poorly to moderately fractured (17°, 28° and 38° CA) with CL-PY filling fractures; very good core recovery; U/C at 73° CA; L/C fractured										
143.64	145.10	MIOI								
		<b>Massive iron oxide layer</b>								
Up to 90% MG; silicates are completely CL+ and SR+; CL+ shear zones (1-5 cm) oriented at 60°-67° CA; injected by thin CB stringers										
145.14	146.63	MIOI	146.14	147.39	1049567	1.25	59.56	11.68	0.45	0.80
		<b>Massive iron oxide layer</b>								
Same as 146.64-145.10										
147.30	147.31	ML	147.39	148.64	1049568	1.25	27.03	4.00	0.19	0.34
		<b>Magmatic layering 67°</b>	148.64	149.89	1049569	1.25	31.15	4.55	0.20	0.36
Magmatic layering oriented at 67° CA			149.89	151.39	1049570	1.50	48.22	8.85	0.36	0.64
151.35	151.36	ML	151.39	152.79	1049571	1.40	34.85	5.13	0.25	0.45
		<b>Magmatic layering 69°</b>	152.79	154.04	1049572	1.25	24.43	3.22	0.18	0.32
Magmatic layering oriented at 69° CA			154.04	155.29	1049573	1.25	27.97	4.28	0.22	0.39
			155.29	156.29	1049574	1.00	33.41	5.17	0.26	0.46
156.00	156.01	ML	156.29	157.00	1049576	0.71	21.96	1.79	0.10	0.18
		<b>Magmatic layering 63°</b>	157.00	158.42	1049577	1.42	59.86	11.65	0.55	0.98
Magmatic layering oriented at 63° CA										

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
157.61	158.42	MIOL <b>Massive iron oxide layer</b> Same as 143.64-145.10; magmatic layering oriented at 77° CA								
158.42	171.00	I3A; CG <b>Gabbro; Coarse-grained</b> Light grey and green, weakly foliated (60° CA), coarse-grained (5 mm) to very coarse-grained (1 cm) gabbro composed of equal amount of slightly EP+ subedral PG and CL+ mafic minerals as intergrowth material; interlayered with coarse-grained anorthositic gabbro forming pluridecimeteric wide layers and dark green, CL+ melanocratic layers (<5 cm) associated with higher MG content; MG content varying from trace amount to 15%; 1% disseminated PY; moderately fractured unit at 10° and 55° CA; excellent core recovery	158.42	159.67	1049578	1.25	15.97	1.16	0.08	0.14
			159.67	160.92	1049579	1.25	13.59	1.07	0.08	0.14
160.25	160.26	FO <b>Foliation 58°</b> Foliation oriented at 58° CA	160.92	162.17	1049580	1.25	13.23	1.21	0.08	0.14
			162.17	163.42	1049581	1.25	16.67	1.65	0.09	0.16
			163.42	164.67	1049582	1.25	13.08	1.68	0.09	0.16
			164.67	165.92	1049583	1.25	17.72	2.03	0.12	0.21
			165.92	167.17	1049584	1.25	18.83	1.86	0.11	0.20
			167.17	168.42	1049585	1.25	20.74	2.81	0.16	0.29
			168.42	169.67	1049586	1.25	29.11	4.27	0.24	0.43
169.00	169.01	FO <b>Foliation 52°</b> Foliation oriented at 52° CA	169.67	171.00	1049587	1.33	22.34	2.31	0.14	0.25
171.00	End of DDH Number of samples: 82 Number of QAQC samples: 3 Total sampled length: 100.25									

## Apella Resources Inc.

<b>DDH: MA-10-31</b>	Claims title: CDC 109863	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P. Geo	From: 2010-05-23	Description date: 2010-05-25
	To: 2010-05-24	

**Collar**

Azimuth: 177.50°  
 Dip: -45.00°  
 Length: 177.00 m

UTM

East	325 202.26
North	5 511 780.28
Elevation	286.69

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No
Acid	177.00		-44.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 9m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 11.49-25.24: 48.87% Fe2O3, 9.08% TiO2, 0.36% V (0.65% V2O5 equivalent) over 13.75 m;  
 26.49-27.74: 56.70% Fe2O3, 11.51% TiO2, 0.45% V (0.80% V2O5 equivalent) over 1.25 m;  
 89.69-90.94: 56.43% Fe2O3, 8.25% TiO2, 0.35% V (0.62% V2O5 equivalent) over 1.25 m;  
 92.19-95.83: 42.06% Fe2O3, 6.15% TiO2, 0.28% V (0.51% V2O5 equivalent) over 3.64 m;  
 109.53-110.78: 44.50% Fe2O3, 7.06% TiO2, 0.36% V (0.64% V2O5 equivalent) over 1.25 m.

Core size: NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	8.52	OV <b>Overburden</b> 9 m of casing left in place								
8.52	11.49	I3A; CG; FR <b>Gabbro; Coarse-grained; Fractured</b> Strongly fractured, coarse-grained (5 mm) gabbro interlayered with dark green, coarse-grained, CL+, melanocratic, decimetric wide layers associated with 10% MG; LM stains in fractures (30° and 40° CA); crosscutted by a medium-grained tonalite dyke	8.52	9.52	1049588	1.00	34.35	3.60	0.18	0.32
			9.52	10.52	1049589	1.00	20.84	2.47	0.12	0.21
10.00	11.49	I1D; MG <b>Tonalite; Medium-grained</b> Greenish grey, medium-grained (2 mm) tonalite; composed of 60% whitish subedral PG, 25% interstitial QZ and <10% finer-grained BO and CL; fractured; U/C oriented at 80° CA; L/C oriented at 55° CA	10.52	11.49	1049590	0.97	11.10	1.30	0.07	0.12
11.49	29.65	DIOL; SMIOI; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous MG mineralization forming disseminated, semi-massive to massive (10-90%) layers; associated with greenish grey, medium-grained (2 mm), altered ferrogabbro composed of variable amount of MG, CL and SR; presence of pale rose anedral (1 mm) GR observed at 15 m; Tr-1%disseminated PO-PY; magmatic layering varying from 55° to 17° CA; several magnetitite layers (>80% MG) were intersected (e.g. 16.94-17.00, 17.25-17.34, 17.51-17.68, 24.72-24.86 and 27.35-27.61); <5% weakly mineralized (<5% MG) forming decimetric to pluridecimetric wide layers; weakly to moderately fractured at 40°, 50° and 65° CA	11.49	12.74	1049591	1.25	33.53	5.11	0.24	0.43
11.80	11.81	FO <b>Foliation 48°</b> Foliation oriented at 48° CA								
11.89	11.96	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at	12.74	13.99	1049592	1.25	44.19	8.16	0.39	0.70
			13.99	15.24	1049593	1.25	43.96	8.24	0.40	0.71
			15.24	16.49	1049594	1.25	44.12	8.06	0.38	0.68

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		48° CA	16.49	17.74	1049595	1.25	55.65	10.40	0.43	0.77
17.60	17.61	ML	17.74	18.99	1049596	1.25	58.50	10.66	0.37	0.66
		<b>Magmatic layering 53°</b>	18.99	20.24	1049597	1.25	56.40	10.59	0.43	0.77
		Magmatic layering oriented at 53° CA	20.24	21.49	1049598	1.25	56.50	10.96	0.40	0.71
			21.49	22.74	1049599	1.25	55.07	10.84	0.36	0.64
			22.74	23.99	1049601	1.25	42.61	7.87	0.28	0.50
			23.99	25.24	1049602	1.25	47.06	9.01	0.31	0.55
24.66	24.71	SZ								
		<b>Shear zone 52°</b>								
		CL+ shear zone with CB vein (1-2 cm)								
25.00	25.01	ML	25.24	26.49	1049603	1.25	25.97	3.81	0.15	0.27
		<b>Magmatic layering 38°</b>	26.49	27.74	1049604	1.25	56.70	11.51	0.45	0.80
		Magmatic layering oriented at 38° CA	27.74	28.99	1049605	1.25	28.20	4.75	0.18	0.32
28.40	28.41	ML	28.99	29.65	1049606	0.66	28.01	5.64	0.19	0.34
		<b>Magmatic layering 36°</b>								
		Magmatic layering oriented at 36° CA								
29.65	85.94	I3A; CG	29.65	30.90	1049607	1.25	15.06	1.97	0.08	0.14
		<b>Gabbro; Coarse-grained</b>	30.90	32.15	1049608	1.25	13.89	1.84	0.08	0.14
		Homogeneous light grey and green, weakly foliated, coarse-grained (5 mm) and locally pegmatitic (1 cm) gabbro composed of equal amount of light grey subedral PG and, CL+ mafic minerals, and <5% disseminated MG; presencet of dark green, CL+ melanocratic interlayers (<5 cm) associated with higher MG content (up to 15%); MG-bearing melanocratic layers (1-30 cm) are more abundant between 74.80 and 85.94); 1% disseminated PY; crosscutted by several decimetric to metric wide granitic and tonalitic dykes; moderately to poorly fractured rock at 30° and 50° CA; excellent core recovery	32.15	33.40	1049609	1.25	16.57	2.34	0.09	0.16
			33.40	34.34	1049610	0.94	23.25	4.02	0.15	0.27
34.34	35.03	I1B; MG	34.34	35.03	1049611	0.69	1.99	0.08	0.01	0.02
		<b>Granite; Medium-grained</b>	35.03	36.28	1049612	1.25	18.30	2.77	0.12	0.21
		Light grey to pale rose, weakly foliated (65° CA), medium-grained (1 mm) granitic dyke composed of an assemblage of subedral FP K, PG, QZ and less than 5% fine-grained CL-BO; contacts oriented at 58° CA								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
36.00	36.01	ML <b>Magmatic layering 29°</b> Magmatic layering oriented at 29° CA	36.28	37.53	1049613	1.25	13.49	1.87	0.09	0.16
36.30	36.43	I1B; MG <b>Granite; Medium-grained</b> Same as 34.34-35.03; contacts oriented at 60° CA								
37.73	37.78	I1B; MG <b>Granite; Medium-grained</b> Same as 34.34-35.03; contacts oriented at 82° CA								
39.62	39.83	I1D; MG <b>Tonalite; Medium-grained</b> Well foliated (60°), medium-grained, sheared tonalite with contacts oriented at 60° CA								
39.83	40.08	I1B; MG <b>Granite; Medium-grained</b> Same as 34.34-35.03; contacts oriented at 55° CA	43.61	44.86	1049614	1.25	13.24	1.89	0.09	0.16
			44.86	45.86	1049615	1.00	24.44	3.87	0.15	0.27
45.00	45.01	FO <b>Foliation 35°</b> Foliation oriented at 35° CA	45.86	46.86	1049616	1.00	14.21	1.33	0.08	0.14
46.89	48.41	I2I; MG <b>Quartziferous diorite; Medium-grained</b> Grey, weakly foliated (40° CA), medium-grained (1-2 mm) quartziferous diorite; mainly composed of light grey subedral PG, minor amount of anedral QZ and 10-15% finer-grained BO and CL aligned along S1; presence of sheared, medium-grained gabbro and coarse-grained, pegmatitic and EP+ gabbro; U/C oriented at 41° CA; L/C varying from sub-parallel to 56° CA								
53.70	53.71	FO <b>Foliation 45°</b> Foliation oriented at 45° CA								
55.22	55.33	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 48° CA	56.75	58.00	1049617	1.25	14.51	1.66	0.08	0.14
			58.00	59.25	1049618	1.25	22.68	3.03	0.14	0.25
			59.25	60.50	1049619	1.25	12.88	1.23	0.07	0.12



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
62.25	62.26	FO Foliation 61° Foliation oriented at 61° CA	60.50	61.75	1049620	1.25	17.68	2.51	0.12	0.21
			61.75	63.25	1049621	1.50	16.85	1.59	0.09	0.16
63.89	64.48	I1B; MG <b>Granite; Medium-grained</b> Coarse-grained granitic injection; U/C oriented at 29° CA; L/C oriented at 20° CA								
67.45	67.65	I1B; MG <b>Granite; Medium-grained</b> Medium-grained granitic injection with contacts oriented at 48° CA	73.44	74.69	1049622	1.25	11.82	1.52	0.07	0.12
73.66	73.81	I3G; CU <b>Anorthosite; Cumulate</b> Greenish beige pegmatitic anorthosite composed of >90% subedral PG cumulates (1-1.5 cm) and <10% dark green CL as intercumulate material; U/C oriented at 35° CA; L/C oriented at 70° CA								
73.81	73.93	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Coarser-grained, pegmatitic anorthositic gabbro composed of 75% of subedral (7-13 mm) PG cumulates and 25% CL+ mafic minerals as intercumulate material								
74.16	74.40	I3G; CU <b>Anorthosite; Cumulate</b> Same as 73.66-73.81; gradational contact with underlying sub-unit								
74.40	75.73	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Same as 73.81-73.93	74.69	75.94	1049623	1.25	20.86	3.03	0.13	0.23
74.75	74.76	FO Foliation 56° Foliation oriented at 56° CA	75.94	77.19	1049624	1.25	18.31	2.18	0.11	0.20
			77.19	78.44	1049626	1.25	18.94	2.41	0.12	0.21
			78.44	79.69	1049627	1.25	22.89	3.57	0.17	0.30
			79.69	80.94	1049628	1.25	14.91	1.80	0.08	0.14
			80.94	82.19	1049629	1.25	18.26	3.00	0.13	0.23

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
85.94	95.83	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous MG mineralization which consists of an alternance of disseminated (Tr-10%), semi-massive to massive (30-90%) layers of variable thicknesses (<12 cm); associated with greenish grey, medium-grained (3 mm) altered ferrogabbro composed of variable amount of MG, CL and SR; Tr amount of SF; well defined magmatic layering oriented at 80° CA; few magnetite layers (1-7 cm) with more than 80% MG have been observed between 85.94 and 94.88 m; moderately fractured at 20°, 40° and 58° CA with CL filling; U/C oriented at 55° CA; L/C fractured	82.19	83.44	1049630	1.25	15.26	1.74	0.08	0.14
			83.44	84.69	1049631	1.25	18.09	2.44	0.11	0.20
			84.69	85.94	1049632	1.25	14.92	1.82	0.09	0.16
			85.94	87.19	1049633	1.25	39.88	5.74	0.27	0.48
			87.19	88.44	1049634	1.25	35.58	3.75	0.17	0.30
			88.44	89.69	1049635	1.25	40.80	4.03	0.19	0.34
89.30	89.31	ML <b>Magmatic layering 80°</b> Magmatic layering oriented at 80° CA	89.69	90.94	1049636	1.25	56.43	8.25	0.35	0.62
			90.94	92.19	1049637	1.25	39.12	5.09	0.21	0.37
			92.19	93.44	1049638	1.25	43.93	6.27	0.28	0.50
92.60	92.61	ML <b>Magmatic layering 81°</b> Magmatic layering oriented at 81° CA	93.44	94.69	1049639	1.25	42.18	6.06	0.27	0.48
94.57	94.60	SZ <b>Shear zone 30°</b> Strongly CL+ shear zones oriented at 30° CA	94.69	95.83	1049640	1.14	39.87	6.12	0.30	0.54
95.83	106.36	I3A; CG; I3H; MG; I3G; CU <b>Gabbro; Coarse-grained; Gabbroic anorthosite; Medium-grained; Anorthosite; Cumulate</b> Heterogeneous unit comprises interlayered, deformed and sheared, strongly CL+, coarse-grained gabbro, medium-grained gabbroic anorthosite and pegmatitic anorthosite with well developed cumulate (1-2 cm) texture; disseminated (Tr-7%) MG; fairly to strongly fractured (20°, 30° and 35° CA); several sheared massive MG layers (<5 cm) crosscutted by thin CB stringers were intersected between 104.83	95.83	97.08	1049641	1.25	16.35	2.10	0.10	0.18
			97.08	98.33	1049642	1.25	18.57	1.25	0.06	0.11
			98.33	99.58	1049643	1.25	22.75	1.97	0.10	0.18
			99.58	100.83	1049644	1.25	17.62	2.13	0.09	0.16
			100.83	102.20	1049645	1.37	26.32	3.00	0.11	0.20
			102.20	103.35	1049646	1.15	37.04	5.55	0.27	0.48

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
and 106.36; very poor core recovery between 101.20-103.25 m										
102.25	102.51	SMIOL Semi-massive iron oxide layer 40% MG; broken core	103.35	104.35	1049647	1.00	21.30	2.89	0.13	0.23
104.33	106.65	SZ Shear zone 60° Shear zone oriented at 60° CA; 1-5% CB stringers (<1 cm)	104.35	105.35	1049648	1.00	33.48	5.30	0.21	0.37
			105.35	106.36	1049649	1.01	39.10	7.05	0.25	0.45
106.36	128.30	I3A; DIOL; MG Gabbro; Disseminated iron oxide layer; Medium-grained Greenish grey, massive to well layered (86° CA), medium-grained (3-5 mm) gabbro associated with disseminated to heavily disseminated (5-15%) MG mineralization; locally SR+ (118.20-122.82); semi-massive (30%) MG mineralization intersected at 109.67-110.28, 110.37-110.42 and 118.73-119.05; several semi-massive to massive (30-50%) layers (1-8 cm) oriented at 60° CA intersected between 123.80 and 125.61; poorly fractured at 25°-30° and 60° CA; excellent core recovery	106.36	107.61	1049651	1.25	25.25	3.28	0.16	0.29
			107.61	108.61	1049652	1.00	17.69	1.56	0.08	0.14
			108.61	109.53	1049653	0.92	21.95	2.73	0.13	0.23
			109.53	110.78	1049654	1.25	44.50	7.06	0.36	0.64
110.32	110.33	ML Magmatic layering 75° Magmatic layering oriented at 75° CA	110.78	112.03	1049655	1.25	17.44	2.14	0.11	0.20
			112.03	113.28	1049656	1.25	19.04	2.57	0.13	0.23
			113.28	114.53	1049657	1.25	23.69	3.84	0.18	0.32
			114.53	115.78	1049658	1.25	28.22	4.47	0.22	0.39
			115.78	117.03	1049659	1.25	32.48	5.29	0.25	0.45
			117.03	118.28	1049660	1.25	29.00	4.54	0.22	0.39
			118.28	119.53	1049661	1.25	28.28	4.33	0.21	0.37
			119.53	120.78	1049662	1.25	18.23	1.58	0.10	0.18
			120.78	122.03	1049663	1.25	16.88	1.39	0.07	0.12
122.00	122.01	FO Foliation 58° Foliation oriented at 58° CA	122.03	123.28	1049664	1.25	19.84	2.22	0.10	0.18
			123.28	124.53	1049665	1.25	26.81	3.90	0.17	0.30
			124.53	125.78	1049666	1.25	33.07	5.26	0.23	0.41
			125.78	127.03	1049667	1.25	23.83	3.30	0.15	0.27
			127.03	128.28	1049668	1.25	12.53	1.03	0.06	0.11
			128.28	129.53	1049669	1.25	13.61	1.47	0.07	0.12

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
128.30	177.00	<p>I3A; MG  <b>Gabbro; Medium-grained</b>                      Heterogeneous unit comprises mostly dark green and light grey, poorly foliated, medium-grained to coarse-grained (3-5 mm) gabbro; interlayered with decimetric to metric wide, coarse-grained anorthositic gabbro, and minor amount of anorthosite and gabbroic anorthosite layers; overall poorly mineralized interval with &lt;3% disseminated MG; weakly magnetic unit; several semi-massive (30-50%) MG layers ranging from 1 to 8 cm and oriented at 70° CA intersected between 157.85 and 162.32; crosscutted by medium to coarse-grained tonalitic dykes; poorly fractured unit at 27°, 35° and 60° CA; excellent core recovery</p>								
132.00	132.01	<p>FO  <b>Foliation 70°</b>                      Foliation oriented at 70° CA</p>								
149.35	151.50	<p>I1D; MG  <b>Tonalite; Medium-grained</b>                      Light grey to pale rose; weakly foliated (56° CA), medium-grained (2 mm) tonalite; pale rose staining of FP (HM+); poorly fractured by 47° and 55° (opposite); U/C at 55° CA; L/C at 77° CA</p>								
152.36	152.44	<p>I1D  <b>Tonalite</b>                      As previously described; contacts oriented at 65° CA</p>	156.60	157.85	1049670	1.25	9.16	1.46	0.07	0.12
			157.85	159.10	1049671	1.25	15.58	2.61	0.12	0.21
158.40	158.67	<p>I1D; CG; PEG  <b>Tonalite; Coarse-grained; Pegmatitic</b>                      Pale grey, whitish and pale rose, coarse-grained to pegmatitic (1 cm) tonalitic injection; FP slightly HM+; sheared contacts oriented at 37° CA</p>	159.10	160.35	1049672	1.25	25.16	3.98	0.18	0.32
			160.35	161.35	1049673	1.00	24.60	4.01	0.17	0.30
			161.35	162.32	1049674	0.97	26.64	4.49	0.21	0.37
			162.32	163.57	1049676	1.25	12.53	1.79	0.08	0.14
165.18	165.70	<p>I1D; CG; PEG  <b>Tonalite; Coarse-grained; Pegmatitic</b>                      Same as 158.40-158.67; minor shear zone (5 cm) with QZ vein (1 cm) injection; U/C at 58° CA; L/C at 45° CA;</p>	169.75	171.00	1049677	1.25	14.55	1.46	0.08	0.14
			171.00	172.25	1049678	1.25	23.53	2.58	0.13	0.23
			172.25	173.50	1049679	1.25	21.18	2.24	0.11	0.20
			173.50	174.75	1049680	1.25	12.61	1.28	0.07	0.12

# Apella Resources Inc.

Description	Assay							
	From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
	174.75	176.00	1049681	1.25	13.63	1.03	0.06	0.11
	176.00	177.00	1049682	1.00	11.49	0.93	0.05	0.09
<p>177.00    End of DDH                      Number of samples: 91                      Number of QAQC samples: 4                      Total sampled length: 109.07</p>								

## Apella Resources Inc.

DDH: **MA-10-32**

Claims title: CDC 109863

Section:

Township:

Level:

Drilled by: Chibougamau Diamond Drilling Ltd

Range:

Work place: Matagami

Described by: R. Moar, P. Geo

Lot:

From: 2010-05-24

Description date: 2010-05-25

To: 2010-05-26

Collar

UTM

Azimuth: 177.50°

East 324 964.51

Dip: -46.36°

North 5 511 743.44

Length: 171.00 m

Elevation 291.22

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No
Acid	150.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 12 m of casing left in place.

Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:

51.10-52.22: 53.32% Fe2O3, 10.20% TiO2, 0.31% V (0.55% V2O5 equivalent) over 1.12 m;

59.97-63.72: 48.17% Fe2O3, 8.34% TiO2, 0.28% V (0.50% V2O5 equivalent) over 3.75 m;

73.72-74.97: 54.88% Fe2O3, 10.53% TiO2, 0.39% V (0.70% V2O5 equivalent) over 1.25 m;

77.47-78.86: 45.88% Fe2O3, 8.42% TiO2, 0.33% V (0.59% V2O5 equivalent) over 1.39 m.

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	11.32	OV <b>Overburden</b> 12 m of casing left in place								
11.32	18.73	I3A <b>Gabbro</b> Pale grey and green, massive, coarse-grained (5 mm) gabbro composed of 60% subedral PG and 40% CL+ mafic minerals as intergrowth material; low MG content; numerous fractures oriented mainly at 60° and 9° CA; L/C sheared and injected by CB stringers	14.50	15.75	1049831	1.25	13.86	1.65	0.07	0.12
			15.75	17.00	1049832	1.25	12.66	1.78	0.07	0.12
			17.00	18.25	1049833	1.25	15.10	1.68	0.08	0.14
			18.25	19.50	1049834	1.25	11.90	1.45	0.04	0.07
18.73	20.75	APH I2; MPOR <b>Aphanitic intermediate rock;</b> <b>Microporphyritic</b> Dark grey, microporphyritic intermediate dykes; up to 10% anedral FP (PG±QZ) microphenocrysts (1-5 mm) set in an aphanitic intermediate groundmass; non magnetic unit; intersected by medium-grained felsic injections; U/C at 63° CA; L/C fractured	19.50	20.75	1049835	1.25	13.47	1.66	0.03	0.05
20.75	36.45	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Heavily disseminated to semi-massive (15-30%) MG mineralization associated with a medium-grained (2 mm) altered ferrogabbro composed of variable amount of iron oxides, SR and CL; magmatic layering is well defined by variation of iron oxides content and oriented at 60°-70° CA; 0.5-2% CB stringers filling fractures; evidence of deformation / folding was observed at 26.73 (fold axis oriented at 35° CA); Tr of disseminated SF; weakly to moderately fractured at 26° and 43° CA; very good core recovery	20.75	22.00	1049836	1.25	38.60	6.17	0.17	0.30
22.00	22.01	ML <b>Magmatic layering 60°</b> Magmatic layering oriented at 60° CA	22.00	23.25	1049837	1.25	35.92	4.25	0.14	0.25
			23.25	24.50	1049838	1.25	45.50	6.01	0.22	0.39
			24.50	25.75	1049839	1.25	34.68	4.14	0.15	0.27
			25.75	27.00	1049840	1.25	38.23	5.27	0.18	0.32
27.00	27.23	I3G; CG <b>Anorthosite; Coarse-grained</b> Coarse-grained (5-10) CB+ anorthosite layer; U/C fractured; L/C oriented at 45° CA	27.00	28.25	1049841	1.25	26.71	3.40	0.13	0.23
			28.25	29.50	1049842	1.25	32.04	4.29	0.16	0.29
			29.50	30.75	1049843	1.25	36.69	5.24	0.18	0.32

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
			30.75	32.00	1049844	1.25	35.68	5.04	0.17	0.30
			32.00	33.25	1049845	1.25	41.98	7.09	0.23	0.41
32.50	32.51	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA	33.25	34.50	1049846	1.25	28.51	4.20	0.13	0.23
33.61	33.96	APH I2 <b>Aphanitic intermediate rock</b> Greenish grey, very fine-grained, CL+ intermediate rock; non magnetic; U/C oriented at 63° CA; L/C oriented at 50° CA	34.50	35.75	1049847	1.25	44.38	7.84	0.24	0.43
35.00	35.01	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA	35.75	37.00	1049848	1.25	41.18	6.75	0.20	0.36
36.32	36.45	I3G; CG <b>Anorthosite; Coarse-grained</b> Deformed coarse-grained anorthositic layer; CL+ and fractured contacts								
36.45	38.63	APH I2 <b>Aphanitic intermediate rock</b> As previously described; contacts fractured	37.00	37.82	1049849	0.82	10.97	0.99	0.02	0.04
			37.82	38.63	1049851	0.81	10.65	0.89	0.03	0.05
38.63	41.87	SMIOL <b>Semi-massive iron oxide layer</b> Same as 20.75-36.45; with 15-50% MG; gangue minerals consists of dark green, CL+, anedral mafic minerals	38.63	39.88	1049852	1.25	48.28	6.36	0.25	0.45
			39.88	41.13	1049853	1.25	43.37	5.36	0.20	0.36
40.29	40.39	APH I2 <b>Aphanitic intermediate rock</b> As previously described; U/C at 40° CA; L/C undulating at 20° and 40° CA	41.13	41.87	1049854	0.74	50.76	6.57	0.24	0.43
41.87	50.00	APH I2 <b>Aphanitic intermediate rock</b> As previously described; aphanitic to very fine-grained; CB filling fractures; moderately to poorly fractured (22°, 37° and 50°); with interval of strongly broken core (44.34-44.56); U/C fractured; L/C oriented at 30° CA	41.87	43.12	1049855	1.25	11.77	1.08	0.03	0.05
			43.12	44.62	1049856	1.50	7.85	0.94	0.02	0.04
			44.62	46.12	1049857	1.50	7.32	0.79	0.02	0.04
			46.12	47.62	1049858	1.50	6.31	0.62	0.02	0.04
			47.62	49.12	1049859	1.50	7.62	0.84	0.02	0.04
			49.12	50.00	1049860	0.88	7.90	0.85	0.02	0.04
50.00	52.22	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b>	50.00	51.10	1049861	1.10	35.56	6.43	0.19	0.34



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		As previously described; heavily disseminated to semi-massive (20-40%) MG mineralization; L/C sheared								
50.08	50.09	FA Fold axis 65° Deformed iron oxide layer; fold axis oriented at 65° CA								
50.17	50.28	APH I2 Aphanitic intermediate rock As previously described; CL+; deformed; contacts oriented at 65° CA	51.10	52.22	1049862	1.12	53.32	10.20	0.31	0.55
52.22	56.27	APH I2 Aphanitic intermediate rock Same as 41.87-50.00; moderately fractured at 40° CA; U/C at 70° CA	52.22	53.45	1049863	1.23	8.30	0.85	0.02	0.04
			53.45	54.95	1049864	1.50	7.52	0.83	0.02	0.04
			54.95	56.22	1049865	1.27	8.31	0.83	0.02	0.04
			56.22	57.47	1049866	1.25	37.40	6.01	0.21	0.37
56.27	85.82	DIOL; SMIOL; MIOL Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer Interlayered heavily disseminated to semi-massive (10-50%) MG mineralization associated with a medium-grained (2 mm) altered ferrogabbro composed of variable amount of iron oxide, SR and CL; magmatic layering is oriented at 65° CA; Tr-1% PO-PY±CP; 15% weakly mineralized (<10% MG) intervals intersected between 72.61-78.24; massive (>75% MG) MG layers intersected at 62.61-62.75, 62.76-63.08, 64.00-64.31, 74.06-74.31, 74.95-75.05, 75.12-75.16, 76.08-76.23, 76.33-76.41 and 78.24-78.70; MG mineralization decreasing at depth from 78.86 to 85.82; moderately fractured at 45°, 55° and 60° and locally at 10-15° CA; very good core recovery								
56.75	56.76	ML Magmatic layering 60° Magmatic layering oriented at 60° CA	57.47	58.72	1049867	1.25	40.26	6.73	0.23	0.41
			58.72	59.97	1049868	1.25	47.53	8.30	0.27	0.48
			59.97	61.22	1049869	1.25	49.88	8.44	0.28	0.50
			61.22	62.47	1049870	1.25	42.72	7.02	0.24	0.43
61.25	61.26	ML Magmatic layering 60°	62.47	63.72	1049871	1.25	51.92	9.56	0.32	0.57
			63.72	64.97	1049872	1.25	39.54	6.47	0.24	0.43

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Magmatic layering oriented at 60° CA	64.97	66.22	1049873	1.25	31.79	4.70	0.18	0.32
65.00	65.01	ML	66.22	67.47	1049874	1.25	39.40	6.80	0.24	0.43
		<b>Magmatic layering 61°</b>	67.47	68.72	1049876	1.25	36.38	5.71	0.22	0.39
		Magmatic layering oriented at 61° CA	68.72	69.97	1049877	1.25	37.24	6.25	0.23	0.41
			69.97	71.22	1049878	1.25	43.95	7.77	0.27	0.48
			71.22	72.47	1049879	1.25	36.03	5.76	0.21	0.37
72.00	72.01	ML	72.47	73.72	1049880	1.25	31.80	4.60	0.17	0.30
		<b>Magmatic layering 63°</b>	73.72	74.97	1049881	1.25	54.88	10.53	0.39	0.70
		Magmatic layering oriented at 63° CA	74.97	76.22	1049882	1.25	34.67	5.85	0.22	0.39
			76.22	77.47	1049883	1.25	26.28	3.45	0.13	0.23
76.25	76.26	ML	77.47	78.86	1049884	1.39	45.88	8.42	0.33	0.59
		<b>Magmatic layering 69°</b>								
		Magmatic layering oriented at 69° CA								
78.24	78.25	ML								
		<b>Magmatic layering 61°</b>								
		Magmatic layering oriented at 61° CA								
78.86	85.82	DIOL	78.86	80.11	1049885	1.25	28.81	3.74	0.16	0.29
		<b>Disseminated iron oxide layer</b>	80.11	81.36	1049886	1.25	21.43	3.14	0.13	0.23
		Disseminated (Tr-5%) MG mineralization	81.36	82.61	1049887	1.25	32.39	5.01	0.21	0.37
		interlayered with 10% heavily disseminated,	82.61	83.86	1049888	1.25	22.01	3.26	0.14	0.25
		semi-massive and massive layers (2-11 cm)	83.86	85.11	1049889	1.25	20.39	2.26	0.09	0.16
		oriented at 62° CA	85.11	85.82	1049890	0.71	13.14	1.22	0.06	0.11
85.82	95.03	I3A; I3I; I3G; CG	85.82	87.07	1049891	1.25	9.45	0.76	0.03	0.05
		<b>Gabbro; Anorthositic gabbro; Anorthosite;</b>	87.07	88.32	1049892	1.25	9.04	0.94	0.04	0.07
		<b>Coarse-grained</b>	88.32	89.57	1049893	1.25	10.94	1.07	0.06	0.11
		Heterogeneous unit comprises interlayered	89.57	90.94	1049894	1.37	6.78	0.64	0.03	0.05
		coarse-grained (5 cm) gabbro and anorthositic								
		gabbro with minor amount of coarse-grained								
		anorthositic layers (2-10 cm) oriented at 65° CA; <5%								
		disseminated MG; Tr amount of disseminated SF;								
		crosscutted by medium-grained tonalitic dyke; U/C								
		oriented at 65° CA; L/C oriented at 65° CA;								
90.26	90.94	I1D								
		<b>Tonalite</b>								
		Light grey to pale rose, weakly foliated								
		medium-grained (1 mm) tonalitic injection; U/C								
		oriented at 70° CA; L/C oriented at 86° CA								

Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
90.60	90.68	SZ <b>Shear zone 58°</b> Shear zone oriented at 58° CA	90.94	92.19	1049895	1.25	10.57	1.08	0.05	0.09
			92.19	93.29	1049896	1.10	21.44	2.76	0.13	0.23
			93.29	94.54	1049897	1.25	14.81	1.99	0.09	0.16
93.97	94.21	EP+; CB+; Sil; CL+ <b>Epidotization; Carbonatization;</b> <b>Silicification; Chloritization</b> Alteration zone with EP-CC-QZ-CL; 0.5% PO± CP	94.54	95.79	1049898	1.25	8.90	1.28	0.06	0.11
95.03	99.46	I3G; CG <b>Anorthosite; Coarse-grained</b> Pale grey to greenish grey, coarse-grained (5 mm) anorthosite; composed of >90% subedral grey PG and <10% CL as intergrowth material; Tr of disseminated PO-PY; poorly fractured at 20° and 55° CA; U/C oriented at 50° CA; L/C oriented at 60° CA								
99.46	100.50	I3H; CG <b>Gabbroic anorthosite; Coarse-grained</b> Medium-grey, coarse-grained (5 mm) gabbroic anorthosite composed of 80-85% pale grey subedral PG and 15-20% CL+ AM; very low MG content; crosscutted by whitish, fine-grained (1 mm), slightly sheared, tonalitic dykelets (2-20 cm); U/C oriented at 43° CA; L/C oriented at 55° CA								
100.50	171.00	I3A; MG <b>Gabbro; Medium-grained</b> Fairly homogeneous, grey and dark green, weakly foliated, medium-grained (3-5 mm) gabbro composed of 60% subedral PG and 40% CL+ mafic minerals as intergrowth material; interlayered with few coarse-grained anorthositic gabbro interlayers (e.g. 107.77-108.88, 111.14-111.50); <3% disseminated MG; locally SR+ with an increasing of MG content (5-7%); minor amount of dark green CL+ melanocratic layers (1-7 cm) associated with heavily (10-15%) disseminated MG (e.g. 118.24-118.25 & 129.12-129.18); intersected by medium-grained felsic injections; moderately fractured unit at 20°, 45°, 60° CA								
101.37	103.43	I1D; MG <b>Tonalite; Medium-grained</b>								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Pale grey to pale rose, well foliated (37° CA), medium-grained (2 mm) tonalite dyke; contacts are sheared and oriented at 47° CA								
103.83	103.98	SZ	105.00	106.25	1049899	1.25	16.83	1.60	0.08	0.14
		<b>Shear zone 46°</b>	106.25	107.50	1049901	1.25	18.26	1.50	0.08	0.14
		Shear zone oriented at 46° CA								
106.40	106.41	ML	107.50	109.00	1049902	1.50	11.14	1.04	0.05	0.09
		<b>Magmatic layering 51°</b>	109.00	110.25	1049903	1.25	11.68	0.82	0.05	0.09
		Magmatic layering oriented at 51° CA	110.25	111.50	1049904	1.25	12.09	0.91	0.05	0.09
			111.50	112.75	1049905	1.25	10.57	0.95	0.05	0.09
112.10	112.13	VEI;3;QzCc;;55°;Py01; <b>Vein 3 Quartz Calcite 55° Pyrite01</b> QZ-CC vein (3 cm) oriented at 55° CA; EP+ and CL+ wallrocks; 1% PY								
119.15	119.16	FO <b>Foliation 58°</b> Foliation oriented at 58° CA								
122.37	123.58	APH I2 <b>Aphanitic intermediate rock</b> Dark grey, very fine-grained to aphanitic, foliated intermediate rock; crosscutted by a deformed QZ vein (1 cm) with EP+ on wallrocks; U/C oriented at 70° CA; L/C oriented at 60° CA								
132.62	134.09	I1D; MG <b>Tonalite; Medium-grained</b> Same as 101.37-103.43; HM stains on FP; U/C oriented at 55° CA; L/C oriented at 57° CA								
134.24	134.25	FO <b>Foliation 63°</b> Foliation oriented at 63° CA								
144.75	144.76	FO <b>Foliation 62°</b> Foliation oriented at 62° CA								
147.92	148.36	SZ <b>Shear zone 40°</b> Dark greenish grey, very fine-grained to aphanitic, foliated (40° CA) shear zone with contacts oriented at 43° CA								

## Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
151.70	151.71	FO <b>Foliation 64°</b> Foliation oriented at 64° CA							
154.51	155.82	I1B; CG; PEG <b>Granite; Coarse-grained; Pegmatitic</b> Pale grey and rose, coarse-grained to pegmatitic granitic injection; composed of an assemblage of subedral PG and K FP, interstitial QZ and minor CL; well developed graphical texture; fractured; U/C oriented at 38° CA; L/C oriented at 47° CA							
155.82	156.10	I1D; MG <b>Tonalite; Medium-grained</b> Light grey to pale rose, weakly foliated (55° CA) fine-grained (1 mm) tonalitic injection; L/C oriented at 50° CA							
157.30	157.31	FO <b>Foliation 52°</b> Foliation oriented at 52° CA							
169.00	169.01	FO <b>Foliation 43°</b> Foliation oriented at 43° CA							
171.00	End of DDH Number of samples: 72 Number of QAQC samples: 3 Total sampled length: 89.04								

## Apella Resources Inc.

<b>DDH: MA-10-33</b>	Claims title: CDC 109872	Section:
	Township:	Level:
Drilled by: Chibougamau Diamond Drilling Ltd	Range:	Work place: Matagami
Described by: R. Moar, P.Geo	Lot:	
	From: 2010-05-28	Description date: 2010-05-30
	To: 2010-05-30	

**Collar**

Azimuth: 200.00°  
 Dip: -50.00°  
 Length: 135.00 m

UTM

East	324 501.26
North	5 511 963.45
Elevation	294.47

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 48 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 72.52-77.52: 56.94% Fe2O3, 8.97% TiO2, 0.39% V (0.69% V2O5 equivalent) over 5.00 m.

Core size: NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	48.00	OV <b>Overburden</b> 48 m of casing left in the hole								
48.00	50.69	I3I; FO; MG <b>Anorthositic gabbro; Foliated; Medium-grained</b> Grey and green, foliated (44° CA), medium-grained (3 mm) anorthositic gabbro; composed of 75% subedral PG, and 25% CL+ AM as intergrowth material; <5% MG ; interlayered with dark green, foliated, CL+ melanocratic layers (<15 cm along CA) associated with up to 10% MG; L/C oriented at 43° CA	49.44	50.69	H644001	1.25	28.68	3.25	0.14	0.25
50.69	72.52	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Fairly homogeneous disseminated to semi-massive (10-40%) MG mineralization; associated with a medium-grained (2 mm) altered with EP, SR and CL ferrogabbro; <5% weakly mineralized intervals; magmatic layering varying from 42° to 63° CA; Tr of disseminated PO or foming thin stringers (<1 cm); the upper contact is deformed with foliation oriented at 42° CA, and injected by thin CB stringers; weakly fractured unit at 55° CA; excellent core recovery	50.69	52.04	H644002	1.35	15.37	2.10	0.09	0.16
52.04	53.08	CNR <b>Core not recuperated</b> Grinded core; core not recuperated	53.08	54.44	H644004	1.36	37.75	2.59	0.11	0.20
54.00	54.01	ML <b>Magmatic layering 42°</b> Magmatic layering oriented at 42° CA	54.44	55.69	H644005	1.25	46.64	3.96	0.16	0.29
			55.69	56.94	H644006	1.25	53.66	6.53	0.24	0.43
			56.94	58.19	H644007	1.25	43.24	5.70	0.17	0.30
			58.19	59.44	H644008	1.25	41.76	4.05	0.14	0.25
			59.44	60.69	H644009	1.25	29.83	2.32	0.08	0.14
			60.69	61.94	H644010	1.25	39.96	4.99	0.15	0.27
61.38	61.39	ML <b>Magmatic layering 53°</b> Magmatic layering oriented at 53° CA	61.94	63.19	H644011	1.25	30.80	3.40	0.11	0.20
			63.19	64.44	H644012	1.25	47.28	6.43	0.21	0.37
			64.44	65.69	H644013	1.25	34.57	4.95	0.17	0.30
			65.69	66.94	H644014	1.25	35.36	5.17	0.18	0.32
			66.94	68.19	H644015	1.25	37.16	5.78	0.20	0.36

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
68.00	68.01	ML <b>Magmatic layering 63°</b> Magmatic layering oriented at 63° CA	68.19	69.21	H644016	1.02	40.30	5.99	0.21	0.37
			69.21	70.46	H644017	1.25	29.86	4.43	0.16	0.29
			70.46	71.71	H644018	1.25	24.22	3.73	0.13	0.23
			71.71	72.52	H644019	0.81	19.63	3.12	0.11	0.20
72.52	79.00	SMIOL; MIOL <b>Semi-massive iron oxide layer; Massive iron oxide layer</b> Same as 50.69-72.52; CL+ and SR+; MG content varying from 40-90%; Tr-5% disseminated PO-PY; magmatic layering oriented at 63° CA and defined by alignment of dark green, CL+, anedral mafic minerals; weakly fractured with excellent core recovery	72.52	73.77	H644020	1.25	59.29	8.78	0.35	0.62
72.52	72.60	MIOL <b>Massive iron oxide layer</b> Massive (80%) MG mineralization; contacts oriented at 68° CA								
72.76	75.66	MIOL <b>Massive iron oxide layer</b> Massive (50-90%) MG mineralization; magmatic layering oriented at 70° CA; magnetitite layer (>90% MG) intersected at 74.65-74.87	73.77	75.02	H644021	1.25	66.09	10.94	0.52	0.93
74.64	74.65	ML <b>Magmatic layering 78°</b> Magmatic layering oriented at 78° CA	75.02	76.27	H644022	1.25	55.18	8.43	0.37	0.66
			76.27	77.52	H644023	1.25	47.20	7.73	0.30	0.54
			77.52	78.26	H644024	0.74	38.39	5.43	0.22	0.39
			78.26	79.00	H644026	0.74	36.58	5.46	0.22	0.39
78.55	78.56	ML <b>Magmatic layering 76°</b> Magmatic layering oriented at 76° CA								
79.00	116.43	I3A; DIOL; SMIOL; MG <b>Gabbro; Disseminated iron oxide layer; Semi-massive iron oxide layer; Medium-grained</b> Heterogeneous unit comprises an interlayered sequence of greenish grey, medium-grained (2 mm) gabbro associated with a low MG content; and dark grey, medium-grained (2 mm), centimetric to plurimetric wide, heavily disseminated to	79.00	80.00	H644027	1.00	27.14	3.82	0.16	0.29
			80.00	81.03	H644028	1.03	30.92	4.75	0.19	0.34
			81.03	82.28	H644029	1.25	19.00	2.16	0.09	0.16



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
81.85	82.00	SZ <b>Shear zone 54°</b> Deformed and slightly sheared interval at 54° CA	82.28	83.53	H644030	1.25	20.89	2.22	0.10	0.18
82.32	82.33	FA <b>Fold axis 86°</b> Fold axis oriented at 86° CA; with PO±CP forming an irregular deformed mass (1.5 cm)								
83.49	84.22	SZ <b>Shear zone 57°</b> CB+ shear zone with foliation oriented at 57° CA	83.53	84.78	H644031	1.25	26.53	3.85	0.17	0.30
			84.78	86.03	H644032	1.25	22.67	3.11	0.13	0.23
86.00	86.22	I1D; MG <b>Tonalite; Medium-grained</b> Grey, equigranular, medium-grained (1 mm) tonalite; composed of slightly EP+ subedral PG, interstitial QZ and 15% CL; pitted core surface; contacts oriented at 62° CA	86.03	87.28	H644033	1.25	19.73	2.47	0.11	0.20
			87.28	88.53	H644034	1.25	17.32	1.73	0.08	0.14
			88.53	89.78	H644035	1.25	16.00	1.89	0.08	0.14
			89.78	90.56	H644036	0.78	22.90	2.87	0.11	0.20
90.56	92.80	SMIOL <b>Semi-massive iron oxide layer</b> 30% MG	90.56	91.68	H644037	1.12	37.28	5.92	0.22	0.39
			91.68	92.80	H644038	1.12	43.73	7.07	0.26	0.46
92.19	92.20	ML <b>Magmatic layering 74°</b> Magmatic layering oriented at 74° CA	92.80	94.11	H644039	1.31	27.71	3.88	0.16	0.29
			94.11	95.36	H644040	1.25	26.91	3.69	0.15	0.27
			95.36	96.61	H644041	1.25	25.74	3.50	0.16	0.29
			96.61	97.86	H644042	1.25	25.46	3.65	0.16	0.29
			97.86	99.11	H644043	1.25	30.12	4.91	0.20	0.36
			99.11	100.11	H644044	1.00	31.28	4.95	0.19	0.34
99.30	99.31	FO <b>Foliation 68°</b> Foliation oriented at 68° CA	100.11	101.15	H644045	1.04	32.78	5.35	0.20	0.36
100.47	100.48	ML <b>Magmatic layering 52°</b> Magmatic layering oriented at 52° CA	101.15	102.40	H644046	1.25	21.64	2.93	0.12	0.21
			102.40	103.65	H644047	1.25	19.25	2.31	0.10	0.18
			103.65	104.55	H644048	0.90	17.22	2.11	0.09	0.16

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
105.44	106.79	DIOL; SMIOL Disseminated iron oxide layer; Semi-massive iron oxide layer Heavily to semi-massive (15-40%) MG mineralization	104.55	105.44	H644049	0.89	18.44	1.86	0.09	0.16
			105.44	106.69	H644051	1.25	34.81	4.82	0.20	0.36
			106.69	107.94	H644052	1.25	25.71	3.44	0.14	0.25
			107.94	109.19	H644053	1.25	39.83	6.47	0.27	0.48
108.77	108.78	ML Magmatic layering 71° Magmatic layering oriented at 71° CA								
108.78	108.82	MIOL Massive iron oxide layer Massive (80%) MG mineralization; contacts oriented at 71° CA								
109.04	109.10	MIOL Massive iron oxide layer Same as 108.78-108.82								
109.12	109.14	MIOL Massive iron oxide layer Same as 108.78-108.82	109.19	110.44	H644054	1.25	20.30	2.19	0.10	0.18
109.27	109.31	MIOL Massive iron oxide layer Massive (50%) MG mineralization	110.44	111.69	H644055	1.25	25.58	3.85	0.15	0.27
			111.69	112.94	H644056	1.25	28.08	4.55	0.18	0.32
111.73	111.74	ML Magmatic layering 64° Magmatic layering oriented at 64° CA	112.94	114.19	H644057	1.25	26.48	3.92	0.16	0.29
			114.19	115.44	H644058	1.25	18.52	2.06	0.09	0.16
			115.44	116.43	H644059	0.99	37.56	6.16	0.26	0.46
116.15	116.16	ML Magmatic layering 60° Magmatic layering oriented at 60° CA								
116.16	116.31	MIOL Massive iron oxide layer 60-90% MG; with contacts oriented at 60° CA								
116.43	134.19	I3A Gabbro Heterogeneous unit comprises weakly folliated, medium to coarse-grained (3-5 mm) gabbro composed of equal amount of subdral PG, CL+ mafic minerals and disseminated MG; interlayered with medium-grained (3 mm) gabbroic anorthosite and anorthositic gabbro forming pluricentimetric to	116.43	117.68	H644060	1.25	12.30	1.05	0.05	0.09
			117.68	119.18	H644061	1.50	12.31	1.27	0.06	0.11
			119.18	120.68	H644062	1.50	12.45	1.59	0.07	0.12
			120.68	122.18	H644063	1.50	17.76	1.63	0.08	0.14
			122.18	123.68	H644064	1.50	20.17	2.15	0.10	0.18

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
decimetric wide layers oriented at 58° CA										
123.34	123.35	ML	123.68	125.18	H644065	1.50	15.33	1.26	0.07	0.12
		<b>Magmatic layering 66°</b>	125.18	126.61	H644066	1.43	14.95	0.92	0.05	0.09
		Magmatic layering oriented at 66° CA	126.61	127.74	H644067	1.13	18.77	2.27	0.11	0.20
			127.74	129.24	H644068	1.50	18.77	1.78	0.08	0.14
			129.24	130.74	H644069	1.50	12.22	1.01	0.05	0.09
130.15	130.16	FO	130.74	132.24	H644070	1.50	10.06	1.12	0.05	0.09
		<b>Foliation 57°</b>	132.24	133.24	H644071	1.00	8.71	0.88	0.05	0.09
		Foliation oriented at 57° CA	133.24	134.20	H644072	0.96	9.02	0.88	0.04	0.07
134.19	135.00	APH I2; POR	134.20	135.00	H644073	0.80	12.82	1.68	0.03	0.05
		<b>Aphanitic intermediate rock; Porphyritic</b>								
		Dark greenish grey, porphyritic intermediate dykes; composed of 7% anedral FP phenocrysts (1-4 mm) set in an aphanitic intermediate groundmass; non magnetic unit; intersected by medium-grained felsic injection; U/C at 87° CA								
135.00 End of DDH										
Number of samples: 70										
Number of QAQC samples: 2										
Total sampled length: 84.52										



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	10.69	OV <b>Overburden</b> 12 m of casing left in place								
10.69	34.88	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Grey and green with speckled aspect, coarse-grained (5-7 mm) anorthositic gabbro composed of 75-80% subedral PG and 20-25% CL+ mafic minerals as intergrowth material; <3% disseminated MG; weakly developed foliation; PG locally SR+ (e.g. 12.03-16.68); interlayered with few coarse-grained anorthosite and gabbro layers (<15 cm); weakly fractured unit; excellent core recovery	28.75	30.00	1049810	1.25	12.10	0.73	0.04	0.07
30.00	33.11	DIOL <b>Disseminated iron oxide layer</b> 5-7% disseminated MG; presence of heavily disseminated to semi-massive (15-30%) layers (<7 cm) oriented at 47° CA; SR+	30.00	31.25	1049811	1.25	18.36	2.25	0.11	0.20
			31.25	32.50	1049812	1.25	19.39	2.25	0.12	0.21
			32.50	33.75	1049813	1.25	16.24	1.55	0.08	0.14
			33.75	34.87	1049814	1.12	13.66	1.22	0.07	0.12
34.88	38.29	APH I2; MPOR <b>Aphanitic intermediate rock; Microporphyrific</b> Dark grey, aphanitic intermediate rock; presence of FP microphenocrysts (<1 mm); Tr of finely disseminated PY; non magnetic unit; few fractures oriented at 31°, 47° and low angle to CA; CB filling fractures; sharp contacts; U/C oriented at 31° CA; L/C oriented at 73° CA								
38.29	42.33	I3H; CG <b>Gabbroic anorthosite; Coarse-grained</b> Same as 10.69-34.88; 3% disseminated MG								
42.33	52.80	APH I2; MPOR <b>Aphanitic intermediate rock; Microporphyrific</b> Same as 34.88-38.29; U/C oriented at 23° CA; L/C oriented undulating at 83° CA; the lower section shows intervals of strongly deformed / folded coarse-grained anorthositic gabbro intersected from 47.79 to 48.94, 49.90 to 50.27 and 51.53 to 51.59								
52.80	56.90	I3I <b>Anorthositic gabbro</b>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
56.90	72.70	<p>As previously described; low MG content; poorly fractured (23° CA); gradational contact with the underlying unit</p> <p>I3A <b>Gabbro</b> Pale grey and green with speckled aspect, poorly foliated, coarse-grained (5 mm) gabbro; composed of 60% subedral PG and 40% CL+ AM as intergrowth material; &lt;3% disseminated MG; Tr of disseminated PY; intersected by QZ±CC veins (&lt;2 cm) associated with variable amount of PY; poorly fractured unit</p>								
57.77	57.82	<p>VEI;6;Qz;;45°;; <b>Vein 6 Quartz 45°</b> QZ vein oriented at 45° CA</p>	61.32	61.82	1049815	0.50				
61.72	61.74	<p>VEI;2;QzCc;;70°;; <b>Vein 2 Quartz Calcite 70°</b> QZ-CC vein (2 cm) oriented at 70° CA</p>	61.82	62.32	1049816	0.50				
62.55	64.31	<p>APH I2 <b>Aphanitic intermediate rock</b> As previously described; crosscutted by QZ-CC veins (&lt;2 cm); U/C oriented at 25° CA; L/C oriented at 65° CA</p>								
62.61	62.64	<p>VEI;3;CcQz;;40°;Py20; <b>Vein 3 Calcite Quartz 40° Pyrite20%</b> QZ-CC vein (3 cm) oriented at 40° CA; 20% PY forming irregular masses (1 cm) on lower wallrock</p>	62.82	63.32	1049818	0.50				
62.90	63.09	<p>VEI;2;QzCc;;45°;Py0.5; <b>Vein 2 Quartz Calcite 45° Pyrite0.5%</b> 2 QZ-CC veins (2 cm) oriented at 45° CA; Tr of PY</p>	64.50	65.75	1049819	1.25	10.95	1.23	0.07	0.12
64.65	71.15	<p>DIOL <b>Disseminated iron oxide layer</b> Disseminated to heavily disseminated (5-15%) MG; PG are SR+; weakly fractured unit</p>	65.75	67.00	1049820	1.25	13.52	1.50	0.09	0.16
			67.00	68.25	1049821	1.25	13.78	1.46	0.08	0.14
			68.25	69.50	1049822	1.25	19.55	2.70	0.14	0.25
			69.50	70.75	1049823	1.25	12.38	1.25	0.08	0.14
			70.75	72.00	1049824	1.25	12.56	1.20	0.07	0.12
72.70	80.21	<p>I2J; POR <b>Diorite; Porphyritic</b> Dark grey, weakly foliated (59° CA) porphyritic diorite</p>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
80.21	99.00	<p>composed of 20% of anedral PG microphenocrysts (&lt;2 mm) set in a very fine-grained groudmass composed of PG, BO and CL; non magnetic unit; intersected by a medium-grained tonalite dyke; weakly fractured unit; U/C oriented at 68° CA; L/C oriented at 29° CA</p> <p>I3A; CG</p> <p><b>Gabbro; Coarse-grained</b></p> <p>Grey and green, coarse-grained gabbro composed of equal amount of pale grey subedral PG and dark green CL+ AM; &lt;3% disseminated MG; crosscutted by fine to medium-grained felsic injections (&lt;20 cm); moderately fractured unit (23° and 43° CA and locally at very low angle to CA (e.g. 95.00 m); affected by pluridecimeteric wide shear zones associated with QZ-CC-CL-PY/CP</p>	91.80	92.50	1049826	0.70				
			92.50	93.00	1049827	0.50				
92.68	93.00	SZ	93.00	93.98	1049828	0.98				
		<b>Shear zone 83°</b>	93.98	94.48	1049829	0.50				
		Shear zone oriented at 83° CA; QZ-CC injection and CL alteration; up to 5% PY								
94.00	94.44	SZ	94.48	95.18	1049830	0.70				
		<b>Shear zone 65°</b>								
		Shear zone oriented at 65° CA; same as 92.68-93.00; with QZ-CC-CL vein associated with 5% SF (CP-PY) intersected between 94.20-94.35								
99.00	<p>End of DDH</p> <p>Number of samples: 20</p> <p>Number of QAQC samples: 1</p> <p>Total sampled length: 19.00</p>									

# Apella Resources Inc.

<b>DDH: MA-10-35</b>	Claims title: CDC 109871	Section:
	Township:	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P. Geo	From: 2010-05-30	Description date: 2010-06-06
	To: 2010-05-31	

**Collar**

Azimuth: 180.00°  
 Dip: -45.00°  
 Length: 102.00 m

**UTM**

East	323 500.93
North	5 512 151.04
Elevation	271.06

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; DDH with SX Blue GPS; 15 m of casing pulled out.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 60.31-66.46: 37.36% Fe2O3, 4.61% TiO2, 0.29% V (0.52% V2O5 equivalent) over 6.15 m.

Core size: NQ core	Cemented: No	Stored: Yes
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# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	13.81	OV Overburden 15 m of casing pulled out								
13.81	59.06	I3H; I3A; CG <b>Gabbroic anorthosite; Gabbro; Coarse-grained</b> Heterogeneous unit comprises 50% coarse-grained (5-7 m) gabbroic anorthosite forming plurimetric wide layers; composed of 85% subedral weakly to strongly EP+ PG and 15% CL+ mafic minerals as intergrowth material; very low MG content; Tr of disseminated PY; interlayered with 50% medium to coarse-grained (3-5 mm) weakly foliated (35° CA) gabbro composed of equal amount of subedral PG, dark green CL+ mafic minerals and minor amount of MG as intergrowth material; presence of coarse-grained dark green, foliated, CL+, medium-grained (3 mm), melanocrati layers associated with 10-15% MG has been intersected between 32.45 and 33.15 m; upper section is crosscutted by QZ stringers (<1 cm) generally oriented at low angle to CA; moderately fractured unit (40°, 55° and 60° CA)								
22.00	22.01	FO <b>Foliation 60°</b> Foliation oriented at 60° CA	31.20	32.45	H644074	1.25	7.04	0.50	0.04	0.07
31.74	32.28	I3G; CG <b>Anorthosite; Coarse-grained</b> Coarse-grained (5-10 mm) anorthosite layer; U/C oriented at 27° CA; L/C oriented at 54° CA	32.45	33.15	H644076	0.70	26.80	3.19	0.18	0.32
			33.15	34.40	H644077	1.25	11.10	1.02	0.06	0.11
35.50	35.51	FO <b>Foliation 45°</b> Foliation oriented at 45° CA								
41.75	42.24	M25 <b>Mylonite</b> Dark grey, aphanitic, weakly foliated and weakly magnetic rock interpreted as a possible mylonite; host rock is strongly deformed; U/C at 7° CA; L/C at 60° CA								
43.00	43.01	FO								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
48.85	48.98	<b>Foliation 57°</b> Foliation oriented at 57° CA M25								
48.98	49.26	<b>Mylonite</b> Same as 41.75-42.24 I3G; DEF; ALT; MG <b>Anorthosite; Deformed; Altered;</b> <b>Medium-grained</b> Strongly deformed, SI+, EP+ and FP+, medium-grained (3-4 mm) anorthosite layer; U/C oriented at 21° CA; L/C oriented at 37° CA;								
49.37	49.45	I3G <b>Anorthosite</b> Same as 48.98-49.26; less deformed; with contacts oriented at 31° CA	51.52	52.77	H644078	1.25	10.88	0.89	0.06	0.11
52.77	56.28	DIOL; SMIOL; MG <b>Disseminated iron oxide layer;</b> <b>Semi-massive iron oxide layer;</b> <b>Medium-grained</b> Disseminatd to semi-massive (7-30%) MG mineralization associated with a well foliated (60° CA), medium-grained (4-5 mm), strongly CL+, locally deformed, altered with SR and CL ferrogabbro; <5% weakly mineralized intervals; affected by strongly CL+ shear zones (20 cm) oriented at 40°-45° CA; medium-grained anorthosite layer with contacts oriented at 57° CA intersected from 52.92 to 52.97	52.77	54.02	H644079	1.25	24.27	2.47	0.14	0.25
54.00	54.01	SZ <b>Shear zone 41°</b> Shear zone oriented at 41° CA	54.02	55.27	H644080	1.25	41.44	4.35	0.25	0.45
			55.27	56.52	H644081	1.25	26.91	2.89	0.17	0.30
			56.52	57.77	H644082	1.25	15.68	1.44	0.08	0.14
			57.77	59.06	H644083	1.29	14.98	1.56	0.09	0.16
59.06	66.46	DIOL; SMIOL; MG; CG <b>Disseminated iron oxide layer; Semi-massive</b> <b>iron oxide layer; Medium-grained;</b> <b>Coarse-grained</b> Disseminated to semi-massive (10-30%) MG mineralization associated with a strongly and CL+ and SR+ medium (2 mm) and coarse-grained (7 mm)	59.06	60.31	H644084	1.25	23.42	1.98	0.13	0.23
			60.31	61.56	H644085	1.25	35.61	4.22	0.27	0.48
			61.56	62.81	H644086	1.25	37.76	4.67	0.29	0.52
			62.81	64.06	H644087	1.25	33.26	3.71	0.24	0.43
			64.06	65.31	H644088	1.25	43.52	5.90	0.38	0.68
			65.31	66.46	H644089	1.15	36.57	4.53	0.27	0.48

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
65.50	65.51	ML gabbroic to anorthositic unit; moderately fractured at 20°, 25° and 60° with CL filling fractured; Tr of finely disseminated PY; very good core recovery <b>Magmatic layering 57°</b> Magmatic layering oriented at 57° CA								
66.46	102.00	I3H; I3A; MG <b>Gabbroic anorthosite; Gabbro; Medium-grained</b> Heterogeneous unit comprises mostly greenish grey, weakly foliated, medium-grained (5 mm) gabbroic anorthosite composed of 80-85% subedral PG and 15-20% CL+ mafic minerals as intergrowth material; PG are locally EP+; very low MG content; Tr of disseminated PY; interlayered with 5% dark green, medium-grained (4 mm), CL+ gabbro generally associated with heavily disseminated (10-15%) MG and forming layers (1-20 cm) oriented at 60° CA; poorly to moderately fractured at 17°, 30° and 50° CA; numerous CC veins (<2 cm) and stringers with EP+, HM+ and CL+ of host rock observed between 95.00-99.13.	66.46	67.71	H644090	1.25	8.09	0.65	0.04	0.07
			67.71	68.96	H644091	1.25	8.71	0.73	0.05	0.09
			68.96	70.21	H644092	1.25	14.75	1.52	0.09	0.16
			70.21	71.46	H644093	1.25	7.44	0.70	0.04	0.07
			77.00	78.50	H644094	1.50	12.12	1.23	0.07	0.12
78.50	78.51	FO <b>Foliation 53°</b> Foliation oriented at 53° CA	78.50	80.00	H644095	1.50	9.56	0.98	0.05	0.09
			80.00	81.50	H644096	1.50	13.74	1.49	0.09	0.16
81.25	81.26	ML <b>Magmatic layering 52°</b> Magmatic layering oriented at 52° CA	81.50	83.00	H644097	1.50	14.99	1.82	0.11	0.20
			83.00	84.50	H644098	1.50	15.36	1.81	0.11	0.20
			84.50	86.00	H644099	1.50	8.37	0.87	0.05	0.09
			86.00	87.50	H644101	1.50	8.32	0.89	0.05	0.09
			87.50	89.00	H644102	1.50	18.95	2.50	0.14	0.25
89.00	89.01	ML <b>Magmatic layering 52°</b> Magmatic layering oriented at 52° CA	89.00	90.50	H644103	1.50	12.77	1.41	0.08	0.14
			90.50	92.00	H644104	1.50	9.59	1.08	0.06	0.11
			92.00	93.50	H644105	1.50	17.75	2.29	0.13	0.23
93.50	93.51	ML <b>Magmatic layering 66°</b> Magmatic layering oriented at 66° CA	93.50	95.00	H644106	1.50	20.27	2.60	0.15	0.27
94.03	94.46	APH I3 <b>Aphanitic mafic rock</b>	95.00	96.50	H644107	1.50	19.69	2.76	0.16	0.29

# Apella Resources Inc.

Description		Assay						
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
97.08	97.56	Dark grey, aphanitic, massive aphanitic rock; U/C undulating sub-parallel to CA; L/C undulating at 20° CA  APH I3 <b>Aphanitic mafic rock</b> Same as 94.03-94.46: intersected by CC thin stringers; U/C at 20° CA; L/C undulating at 12° CA;						
99.86	99.87	ML <b>Magmatic layering 57°</b> Magmatic layering oriented at 57° CA						
102.00	End of DDH Number of samples: 32 Number of QAQC samples: 2 Total sampled length: 42.64							

## Apella Resources Inc.

**DDH: MA-10-36**

Claims title: CDC 109870

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2010-06-01

Description date: 2010-06-03

To: 2010-06-02

### Collar

Azimuth: 180.00°  
 Dip: -45.00°  
 Length: 111.00 m

### UTM

East	323 000.00
North	5 512 547.88
Elevation	273.78

### Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

### Description

UTM NAD 83 - Zone 18N; DDH surveyed with SX Blue GPS; 33 m of casing pulled out.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 40.53-41.73: 42.60% Fe2O3, 9.27% TiO2, 0.35% V (0.62% V2O5 equivalent) over 1.20 m;  
 106.98-109.48: 41.94% Fe2O3, 6.22% TiO2, 0.28% V (0.51% V2O5 equivalent) over 2.50 m.

Core size: NQ core

Cemented: No

Stored: Yes

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	33.00	OV	29.25	30.50	1049945	1.25	10.96	1.46	0.07	0.12
		<b>Overburden</b>	30.50	32.00	1049946	1.50	10.59	1.23	0.06	0.11
		33 m of casing pulled out	32.00	33.00	1049947	1.00	16.95	2.41	0.11	0.20
33.00	50.93	I3H; CG	33.00	34.25	1049948	1.25	13.17	1.83	0.08	0.14
		<b>Gabbroic anorthosite; Coarse-grained</b>	34.25	35.78	1049949	1.53	8.64	0.37	0.02	0.04
		Greenish grey and dark green, weakly foliated, coarse-grained (5 mm) gabbroic anorthosite composed of 80-90% subbrecciated slightly to strongly EP+ PG cumulates and 10-20% CL+ mafic minerals as intercumulate material; <3% disseminated MG; minor amount of coarse-grained anorthositic gabbro forming pluridecimeter wide layers with contacts oriented at 50° CA; hosts a disseminated, semi-massive to massive MG zone intersected between 37.03 and 43.62 m; moderately fractured at 35° and 54° and locally at 20° CA; L/C fractured	35.78	37.03	1049951	1.25	16.53	2.70	0.09	0.16
37.03	43.62	DIOL; SMIOL; MIOL	37.03	38.28	1049952	1.25	30.75	6.73	0.24	0.43
		<b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b>	38.28	39.53	1049953	1.25	16.27	3.29	0.12	0.21
39.00	39.01	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA	39.53	40.53	1049954	1.00	25.59	5.35	0.20	0.36
			40.53	41.73	1049955	1.20	42.60	9.27	0.35	0.62
			41.73	42.73	1049956	1.00	11.17	2.10	0.08	0.14
			42.73	43.63	1049957	0.90	17.24	3.55	0.13	0.23
			43.63	44.88	1049958	1.25	6.39	0.92	0.04	0.07
			44.88	46.13	1049959	1.25	8.37	1.17	0.04	0.07
50.93	75.99	I3A; CG	55.75	57.00	1049960	1.25	19.29	2.51	0.10	0.18
		<b>Gabbro; Coarse-grained</b>	57.00	58.00	1049961	1.00	25.12	3.66	0.13	0.23
Homogeneous unit which consists of dark green and grey, weakly foliated (55° CA), coarse-grained (5										

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
57.47	57.50	mm) gabbro composed of 40-50% subedral PG cumulates and 50-60% CL+ AM and less than 3-5% disseminated MG as intergrowth material; presence of dark green, finer-grained melanocratic CL+ layers associated with an higher MG content (10-15%); Tr of disseminated SF (PO-PY); locally SR+ with up to 10% disseminated MG (e.g. 73.50-73.78, 73.94-74.30 and 74.55-74.59; poorly fractured unit (20°, 25° and 60° CL with CL filling); crosscutted by several QZ veins (<2 cm) generally sub-perpendicular to CA; excellent core recovery VEI;3;QzCl;;77°; <b>Vein 3 Quartz Chlorite 77°</b> QZ±CL vein (3 cm) oriented at 77° CA								
57.81	57.82	ML <b>Magmatic layering 27°</b> Magmatic layering oriented at 27° CA	58.00	59.25	1049962	1.25	21.72	3.19	0.12	0.21
59.54	59.58	VEI;4;QzCl;;64°; <b>Vein 4 Quartz Chlorite 64°</b> QZ±CL vein (4 cm) oriented at 64° CA	68.49	69.74	1049963	1.25	16.28	1.97	0.08	0.14
69.59	69.62	VEI;3;QzEpCcCl;;83°; <b>Vein 3 Quartz Épidote Calcite Chlorite 83°</b> QZ-EP-CL-CC vein (3 cm) oriented at 83° CA	69.74	70.99	1049964	1.25	14.69	1.59	0.07	0.12
70.24	70.27	VEI;3;QzCc;;85°;Py0.5; <b>Vein 3 Quartz Calcite 85° Pyrite0.5%</b> QZ±CC vein (3 cm) oriented at 85° CA; Tr of PY	70.99	72.24	1049965	1.25	15.20	1.58	0.07	0.12
73.00	73.01	FO <b>Foliation 56°</b> Foliation oriented at 56° CA								
73.39	73.41	VEI;2;QzClEpCc;;82°; <b>Vein 2 Quartz Chlorite Épidote Calcite 82°</b> QZ-CB-EP-CC vein (2 cm) oriented at 82° CA	73.49	74.74	1049967	1.25	19.10	2.16	0.10	0.18
74.73	74.75	VEI;2;Qz;;80°; <b>Vein 2 Quartz 80°</b> QZ vein (2 cm) oriented at 80° CA	74.74	75.99	1049968	1.25	16.05	1.95	0.08	0.14
75.39	75.56	I3G; CG <b>Anorthosite; Coarse-grained</b>								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
75.99	111.00	Coarse-grained anorthosite layer; U/C irregularly oriented; L/C oriented at 63° CA DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Disseminated to semi-massive (15-40%) MG mineralization associated with a medium-grained (2 mm) SR+ and CL+ ferrogabbro; alteration increases with the iron oxide content; overall 25% MG; magmatic layering is not particularly well developed; <5% weakly mineralized intervals with <10% MG; very low SF content; possible crocidolite was observed in a fracture at 40° CA at 85.42 m; it forms grey with pale greenish hue non flexible, asbestiform fibers; poorly to moderately fractured at 20°, 27°, 50° and 60° CA with CC and CL filling; CB stringers (0.5-1%) are more developed between 97.50-111.00; good to excellent core recovery	75.99	77.24	1049969	1.25	36.63	5.03	0.19	0.34
			77.24	78.49	1049970	1.25	34.15	4.52	0.19	0.34
			78.49	79.74	1049971	1.25	37.10	4.90	0.21	0.37
			79.74	80.99	1049972	1.25	39.58	5.29	0.23	0.41
			80.99	82.24	1049973	1.25	44.05	5.82	0.26	0.46
			82.24	83.49	1049974	1.25	38.65	4.52	0.20	0.36
			83.49	84.74	1049976	1.25	36.42	4.15	0.18	0.32
			84.74	85.99	1049977	1.25	35.21	3.64	0.16	0.29
			85.99	87.24	1049978	1.25	45.79	6.18	0.27	0.48
			87.24	88.49	1049979	1.25	38.05	4.62	0.20	0.36
			88.49	89.74	1049980	1.25	41.58	5.35	0.24	0.43
			89.74	90.99	1049981	1.25	40.54	5.33	0.24	0.43
90.41	90.42	ML <b>Magmatic layering 47°</b> Magmatic layering oriented at 47° CA	90.99	92.24	1049982	1.25	39.04	5.99	0.26	0.46
91.87	91.90	VEI;3;Cc;;65°;; <b>Vein 3 Calcite 65°</b> CC vein (3 cm) oriented at 65° CA and associated with a CL+ shear zone	92.24	93.49	1049983	1.25	36.36	4.44	0.19	0.34
93.15	93.16	ML <b>Magmatic layering 38°</b> Magmatic layering oriented at 38° CA	93.49	94.74	1049984	1.25	42.22	5.70	0.24	0.43
			94.74	95.99	1049985	1.25	30.94	3.34	0.14	0.25
			95.99	97.24	1049986	1.25	31.99	3.52	0.15	0.27
96.10	96.11	ML <b>Magmatic layering 41°</b> Magmatic layering oriented at 41° CA	97.24	98.49	1049987	1.25	38.52	5.34	0.22	0.39
			98.49	99.20	1049988	0.71	37.81	5.59	0.24	0.43
			99.20	99.91	1049989	0.71	33.43	4.61	0.21	0.37
			99.91	100.73	1049990	0.82				
99.96	100.73	VEI;;QzCcCl;;;Py0.25Cp0.25Po0.25; <b>Vein Quartz Calcite Chlorite Pyrite0.25% Chalcopyrite0.25% Pyrrhotine0.25%</b> 90% QZ-CC-CL vein associated with	100.73	101.98	1049991	1.25	43.94	6.25	0.27	0.48
101.25	101.26	ML <b>Magmatic layering 55°</b>	101.98	103.23	1049992	1.25	42.93	5.37	0.25	0.45



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Magmatic layering oriented at 55° CA	103.23	104.48	1049993	1.25	32.42	3.71	0.17	0.30
			104.48	105.73	1049994	1.25	30.05	3.92	0.19	0.34
			105.73	106.98	1049995	1.25	32.37	4.24	0.20	0.36
			106.98	108.23	1049996	1.25	46.40	7.13	0.32	0.57
107.00	107.01	ML <b>Magmatic layering 53°</b>								
		Magmatic laering oriented at 53° CA								
108.08	108.09	ML <b>Magmatic layering 45°</b>	108.23	109.48	1049997	1.25	37.48	5.31	0.25	0.45
		Magmatic layering oriented at 45° CA	109.48	110.24	1049998	0.76	30.37	3.93	0.20	0.36
			110.24	111.00	1049999	0.76	30.20	4.22	0.19	0.34
111.00	End of DDH Number of samples: 53 Number of QAQC samples: 3 Total sampled length: 62.89									

# Apella Resources Inc.

**DDH: MA-10-37**

Claims title: CDC 2148877

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2010-05-31

Description date: 2010-06-01

To: 2010-06-01

**Collar**

UTM

Azimuth: 180.00°

Dip: -45.00°

Length: 108.00 m

East 322 401.04

North 5 512 892.43

Elevation 274.26

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; DDH surveyed with SX Blue GPS; 21 m of casing pulled out.

Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:

79.69-80.94: 50.46% Fe2O3, 6.90% TiO2, 0.30% V (0.54% V2O5 equivalent) over 1.25 m;

85.94-87.19: 44.96% Fe2O3, 5.98% TiO2, 0.28% V (0.50% V2O5 equivalent) over 1.25 m.

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	21.00	OV Overburden 21 m of casing pulled out								
21.00	70.17	I3H; I3A; I3G; CG <b>Gabbroic anorthosite; Gabbro; Anorthosite; Coarse-grained</b> Heterogeneous unit characterized by a pervasive EP alteration; comprises greenish grey and dark green, weakly foliated, medium to coarse-grained (3-5 mm) gabbroic anorthosite composed of 80-85% light grey PG cumulates and 15-20% CL+ green AM as intergrowth material; weakly magnetic unit with 3-5% disseminated MG; Tr amount of disseminated PY; interlayered with medium-grained (3-5 mm) gabbro forming pluridecimeteric to metric wide layers and associated with 7-10% disseminated MG; and coarse-grained (5-10 mm) anorthosite forming decimeteric to plurimetric wide layers observed between 44.87 to 64.10; moderately fractured unit at 25° and 35° CA; several QZ veins (1 cm) oriented at 75-85° CA were intersected between 35.05 and 35.86 m								
25.01	25.02	FO <b>Foliation 62°</b> Foliation oriented at 62° CA	25.75	27.00	1049906	1.25	7.84	0.96	0.04	0.07
			27.00	28.00	1049907	1.00	19.31	2.66	0.11	0.20
27.22	27.37	SMIOL <b>Semi-massive iron oxide layer</b> Melanocratic layer associated with semi-massive (30%) MG mineralization; contacts oriented at 71° CA								
28.00	28.76	DIOL <b>Disseminated iron oxide layer</b> Medium-grained gabbro associated with 5-7% disseminated MG	28.00	29.25	1049908	1.25	13.03	1.77	0.08	0.14
32.24	32.25	ML <b>Magmatic layering 67°</b> Magmatic layering oriented at 67° CA								
33.22	33.41	DIOL <b>Disseminated iron oxide layer</b>								

# Apella Resources Inc.

Description		Assay						
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
35.02	35.03	Same as 28.00-28.76; 7% MG VEI;1;Qz;;80°;; <b>Vein 1 Quartz 80°</b> QZ vein (1 cm) oriented at 80° CA						
35.52	35.95	VEI;1;Qz;;;Py0.5; <b>Vein 1 Quartz Pyrite0.5%</b> 6 QZ veins (1-2 cm) oriented at 67-87° CA with Tr PY						
40.31	40.54	SZ <b>Shear zone 67°</b> Shear zone oriented at 67° CA and affecting medium-grained gabbro						
42.11	42.12	FO <b>Foliation 70°</b> Foliation oriented at 70° CA						
44.91	45.15	I3G; CG <b>Anorthosite; Coarse-grained</b> Coarse-grained, slightly EP+ anorthosite composed of 95% PG and 5% CL; contacts oriented at 70° CA						
45.46	45.69	I3G; MG <b>Anorthosite; Medium-grained</b> Medium-grained (5 mm) slightly EP+ anorthosite layer						
46.11	46.23	I3G; MG <b>Anorthosite; Medium-grained</b> Same as 45.46-45.69; contacts oriented at 63° CA						
46.64	46.65	VEI;1;Qz;;87°;; <b>Vein 1 Quartz 87°</b> QZ vein (1 cm) oriented at 87° CA						
48.00	48.01	FO <b>Foliation 66°</b> Foliation oriented at 66° CA						
50.32	50.62	I3G; CG <b>Anorthosite; Coarse-grained</b> Same as 44.91-45.15						
52.36	54.77	I3G; CG <b>Anorthosite; Coarse-grained</b> Coarse-grained (5-10 mm) EP+ anorthosite						

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
58.00	58.01	FO	58.25	59.50	1049909	1.25	18.03	2.56	0.09	0.16
		<b>Foliation 63°</b> Foliation oriented at 63° CA	59.50	60.75	1049910	1.25	11.70	1.36	0.05	0.09
60.75	60.96	DIOL <b>Disseminated iron oxide layer</b> 20% heavily disseminated MG; sheared with foliation oriented at 57° CA	60.75	61.90	1049911	1.15	41.69	6.72	0.24	0.43
61.00	61.01	ML <b>Magmatic layering 59°</b> Magmatic layering oriented a 59° CA								
61.12	61.89	DIOL; SMIOL	61.90	63.15	1049912	1.25	10.66	0.62	0.03	0.05
		<b>Disseminated iron oxide layer;</b> <b>Semi-massive iron oxide layer</b> Heavily disseminated to semi-massive (15-30%) MG mineralization associated with a medium-grained SR+ and CL+ ferrogabbro	63.15	63.91	1049913	0.76	3.24	0.16	0.02	0.04
63.17	63.91	I3G; I3G; ALT; FR	63.91	64.91	1049914	1.00	10.40	0.98	0.04	0.07
		<b>Anorthosite; Anorthosite; Altered;</b> <b>Fractured</b>	64.91	66.35	1049915	1.44	11.18	1.28	0.05	0.09
		Coarse-grained, EP+ and fractured anorthosite; fractures oriented at 20° CA in opposite direction; U/C oriented at 60° CA; L/C fractured	66.35	67.35	1049916	1.00	8.80	0.47	0.03	0.05
66.36	67.35	APH I3	67.35	68.44	1049917	1.09	9.25	1.17	0.05	0.09
		<b>Aphanitic mafic rock</b>	68.44	69.69	1049918	1.25	11.37	1.73	0.07	0.12
		Dark grey, massive, aphanitic to very fine-grained mafic rock; presence of anedral PG microphenocrysts (<2 mm); Tr of finely disseminated PY; non magnetic unit; contacts at 39° CA	69.69	70.94	1049919	1.25	20.52	3.13	0.13	0.23
70.00	70.01	FO <b>Foliation 65°</b> Foliation oriented at 65° CA								
70.17	77.19	MEL I3A; MG	70.94	72.19	1049920	1.25	27.33	4.43	0.19	0.34
		<b>Melanocratic gabbro; Medium-grained</b> Dark green and grey, weakly foliated (60° CA), medium-grained (4 mm) melanocratic gabbro composed of 30-40% subedral PG and 60-70% CL+ mafic minerals as intergrowth material; up to 7% disseminated MG; Tr to 3% disseminated; locally	72.19	73.44	1049921	1.25	20.29	2.75	0.12	0.21

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		EP+; decimetric wide CL+ shear zones CL+ oriented at 4° and 59° CA; minor amount of medium-grained gabbro layers (<15 cm); upper section shows few semi-massive (30%) MG layers (3-8 cm) oriented at 67° CA								
72.50	72.51	FO	73.44	74.69	1049922	1.25	18.97	2.01	0.09	0.16
		<b>Foliation 55°</b>	74.69	75.94	1049923	1.25	20.21	2.48	0.11	0.20
		Foliation oriented at 60° CA								
75.00	75.01	ML	75.94	77.19	1049924	1.25	21.05	2.37	0.10	0.18
		<b>Magmatic layering 56°</b>								
		Magmatic layering oriented at 56° CA								
77.19	90.42	DIOL; SMIOL	77.19	78.44	1049926	1.25	27.94	2.98	0.12	0.21
		<b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b>								
		Heterogeneous MG mineralization varying from heavily disseminated to semi-massive (15-40%); associated with a strongly altered medium-grained (2 mm) ferrogabbro composed of variable amount of MG, CL and SR; Tr-1%disseminated PO-PY±CP; magmatic layering varying from 65° CA; the semi-massive MG mineralization is also associated with dark green, CL+ subedral short mafic minerals in pluricentimetric to decimetric wide layers; presence of CB filling fractures; overall moderately fractured (30° and, 25° and 40° CA in opposite direction) with CL filling fractures; excellent core recovery; U/C oriented at 70° CA; L/C oriented at 58° CA								
77.52	78.00	MEL I3A; MAS								
		<b>Melanocratic gabbro; Massive</b>								
		Same as 70.17-77.19; PG EP+; intersected by QZ±CB veins (<1 cm); 7% MG; foliation oriented at 58° CA								
78.34	78.37	VEI;3;Qz;;84°;Py0.5;	78.44	79.69	1049927	1.25	33.00	4.01	0.16	0.29
		<b>Vein 3 Quartz 84° Pyrite0.5%</b>								
		QZ vein (3 cm) oriented at 84° CA; Tr of PY								
79.00	79.01	ML								
		<b>Magmatic layering 64°</b>								
		Magmatic layering oriented at 64° CA								
79.35	79.80	CL+	79.69	80.94	1049928	1.25	50.46	6.90	0.30	0.54
		<b>Chloritization</b>	80.94	82.19	1049929	1.25	46.38	6.27	0.25	0.45

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Strongly CL+ interval; broken core in pieces of 1-5 cm	82.19	83.44	1049930	1.25	47.42	5.64	0.25	0.45
			83.44	84.69	1049931	1.25	46.22	6.18	0.26	0.46
84.45	84.46	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA	84.69	85.94	1049932	1.25	39.74	5.26	0.23	0.41
85.12	85.17	VEI;5;Qz;;88°;Py0.5; <b>Vein 5 Quartz 88° Pyrite0.5%</b>	85.94	87.19	1049933	1.25	44.96	5.98	0.28	0.50
		QZ vein (5 cm) oriented at 88° CA; Tr of PY	87.19	88.44	1049934	1.25	41.12	5.53	0.26	0.46
88.05	88.21	APH I3 <b>Aphanitic mafic rock</b> Same as 66.36-67.35; sharp contacts oriented at 41° CA	88.44	89.69	1049935	1.25	38.65	4.37	0.20	0.36
89.50	89.51	ML <b>Magmatic layering 63°</b> Magmatic layering oriented at 63° CA	89.69	90.42	1049936	0.73	33.52	3.78	0.17	0.30
90.42	108.00	I3A; MG <b>Gabbro; Medium-grained</b> Pale grey with greenish hue and dark green, medium-grained (2-3 mm) gabbro composed of 50-60% subedral PG and 40-50% CL+ mafic minerals as intergrowth material; gradational change to anorthositic gabbro; locally EP+; overall low MG content but the upper portion shows 5-7% MG and minor dark green CL+ melanocratic layers associated with 15-20% MG; melanocratic layers are oriented at 65°-80° CA; Tr of disseminated SF; weakly fractured unit; excellent core recovery	90.42	91.67	1049937	1.25	17.88	2.31	0.10	0.18
			91.67	92.92	1049938	1.25	25.14	3.66	0.15	0.27
92.00	92.01	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA	92.92	94.17	1049939	1.25	29.38	4.02	0.17	0.30
			94.17	95.42	1049940	1.25	21.20	3.04	0.14	0.25
			95.42	96.67	1049941	1.25	21.71	3.77	0.15	0.27
			96.67	97.92	1049942	1.25	21.36	3.58	0.14	0.25
			97.92	99.17	1049943	1.25	24.28	3.31	0.13	0.23
			99.17	100.42	1049944	1.25	10.77	0.65	0.04	0.07
106.52	108.00	APH I3 <b>Aphanitic mafic rock</b> Same as 66.36-67.35; Tr of disseminated MG and PY; slightly magnetic unit; CB+ and EP+ along fractures oriented at 20-25° and 40° CA;								

# Apella Resources Inc.

Description	Assay							
	From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
U/C fractured								
108.00    End of DDH Number of samples: 38 Number of QAQC samples: 1 Total sampled length: 45.67								



# Apella Resources Inc.

<b>DDH: MA-10-38</b>	Claims title: CDC 109865	Section:
	Township:	Level:
Drilled by: Chibougamau Diamond Drilling Ltd	Range:	Work place: Matagami
Described by: R. Moar, P. Geo	Lot:	
	From: 2010-05-09	Description date: 2010-05-12
	To: 2010-05-10	

**Collar**

Azimuth: 180.00°  
 Dip: -45.00°  
 Length: 102.00 m

UTM

East	325 902.06
North	5 511 305.23
Elevation	284.39

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; DDH surveyed with SX Blue GPS; 6 m of casing left in place.  
 Composite assay results with interval value greater than 0.40% V2O5 - Maximum dilution width 1m at 0.30% V2O5:  
 7.05-8.13: 40.15% Fe2O3, 4.95% TiO2, 0.27% V (0.48% V2O5 equivalent) over 1.08 m.

Core size: NQ core	Cemented: No	Stored: Yes
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## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	4.25	OV Overburden 6 m of casing left in place								
4.25	102.00	I3A; I3I; I3H; I3G Gabbro; Anorthositic gabbro; Gabbroic anorthosite; Anorthosite Strongly heterogeneous unit comprises an interlayered sequence varying from a coarse-grained (5-7cm) CL+ gabbro to a gabbroic anorthosite with minor amount of anorthosite forming decimetric to metric wide layers; overall MG content varying from 5-7%; lithological contacts are generally oriented at 62° CA; Tr of disseminated PY and PO; weakly fractured unit (25-35°); excellent core recovery	5.80	7.05	H644108	1.25	14.41	1.68	0.09	0.16
7.05	8.13	DIOL Disseminated iron oxide layer Heavily disseminated (10-25%) vanadiferous MG mineralization associated with well foliated (46° CA), strongly CL+ and SR+ medium-grained ferrogabbro	7.05	8.13	H644109	1.08	40.15	4.95	0.27	0.48
8.00	8.01	FO Foliation 59° Foliation oriented at 59° CA	8.13	9.38	H644110	1.25	19.95	1.98	0.11	0.20
9.07	9.29	DIOL Disseminated iron oxide layer Same as 7.05-8.13	9.38	10.63	H644111	1.25	19.61	2.15	0.12	0.21
14.68	19.38	DIOL Disseminated iron oxide layer Disseminated (5-10%) MG mineralization mainly associated with medium-grained (3 mm) gabbroic anorthosite; interlayered with pluricentimetric to decimetric wide medium-grained anorthosite and anorthositic gabbro layers; presence of MG-rich interlayers (<2 cm) oriented at 50-60° CA								
17.54	17.55	FO Foliation 47° Foliation oriented at 47° CA								
21.44	21.76	APH I2 Aphanitic intermediate rock	24.60	25.85	H644112	1.25	6.37	0.34	0.02	0.04

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Dark grey, aphanitic, intermediate rock; non magnetic unit; U/C at 36° CA; L/C at 40° CA	25.85	27.10	H644113	1.25	19.02	2.50	0.10	0.18
			27.10	28.35	H644114	1.25	18.21	1.83	0.08	0.14
			28.35	29.60	H644115	1.25	21.04	1.39	0.07	0.12
			29.60	30.85	H644116	1.25	33.13	4.25	0.20	0.36
30.10	30.41	DIOL <b>Disseminated iron oxide layer</b> 20-25% MG; strongly CL+ and SR+; contacts oriented at 65° CA	30.85	32.10	H644117	1.25	19.88	0.97	0.05	0.09
			32.10	33.48	H644118	1.38	16.94	0.95	0.05	0.09
33.48	43.15	DIOL <b>Disseminated iron oxide layer</b> Disseminated (5-10%) iron oxide mineralization associated with a strongly CL+ and fairly SR+ and EP+ coarse-grained (5 mm) gabbro; semi-massive (40% MG) layer oriented at 56° CA intersected at 30.10-30.39; foliation oriented at 53° CA; Tr of disseminated SF (PO ±CP); few fractures at 28° and 43° CA	33.48	34.73	H644119	1.25	21.77	1.30	0.07	0.12
			34.73	35.98	H644120	1.25	16.69	1.03	0.06	0.11
			35.98	37.23	H644121	1.25	15.70	1.06	0.06	0.11
37.00	37.01	FO <b>Foliation 47°</b> Foliation oriented at 47° CA	37.23	38.48	H644122	1.25	16.23	1.16	0.06	0.11
			38.48	39.73	H644123	1.25	17.34	1.20	0.06	0.11
			39.73	40.98	H644124	1.25	16.56	1.54	0.08	0.14
			40.98	42.23	H644126	1.25	18.63	1.76	0.08	0.14
			42.23	43.15	H644127	0.92	17.06	1.22	0.06	0.11
			43.15	44.40	H644128	1.25	7.75	0.81	0.04	0.07
44.60	44.61	FO <b>Foliation 60°</b> Foliation oriented at 60° CA								
47.71	47.85	I2I; MG <b>Quartziferous diorite; Medium-grained</b> Grey, massive, equigranular, medium-grained (1 mm) quartziferous diorite dykelet; composed of mostly composed of sudeal whitish PG, 20% interstitial QZ and 15% BO; contacts oriented at 48° CA								
55.74	55.75	FO <b>Foliation 55°</b> Foliation oriented at 55° CA	61.00	62.25	H644129	1.25	12.32	1.09	0.05	0.09
61.20	61.21	FO <b>Foliation 62°</b>	62.25	63.25	H644130	1.00	26.62	3.69	0.17	0.30

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
62.65	62.81	Foliation oriented at 62° CA SMIOL <b>Semi-massive iron oxide layer</b> Semi-massive (30% MG) layer with contacts oriented at 62° CA; Tr-1% PY	63.25	64.50	H644131	1.25	10.11	0.65	0.04	0.07
71.00	72.83	SZ <b>Shear zone</b> Shear zone oriented at 58° CA; CB+; minor amount of CP has been observed at 72 m; fairly to strongly broken core								
76.00	76.78	DIOL <b>Disseminated iron oxide layer</b> Disseminated (5-10%) MG mineralization associated with a strongly SR, CL+ and sheared (68° CA) layer; Tr of disseminated PY								
78.30	78.84	SZ <b>Shear zone 73°</b> Shear zone oriented at 73° CA								
79.83	80.02	DIOL <b>Disseminated iron oxide layer</b> Disseminated (10%) MG mineralization associated with a dark green, medium-grained, CL+ melanocratic gabbro; PY forming very thin irregular stringers								
80.11	80.43	DIOL <b>Disseminated iron oxide layer</b> Same as 79.83-80.02								
83.50	83.51	FO <b>Foliation 64°</b> Foliation oriented at 64° CA								
97.23	97.45	APH I2 <b>Aphanitic intermediate rock</b> As previously described; U/C oriented at 67° CA; L/C oriented at 60° CA								
97.52	98.10	APH I2 <b>Aphanitic intermediate rock</b> As previously described; fracture at 22° CA; U/C oriented at 75° CA; L/C oriented at 65° CA								
98.67	99.00	APH I2 <b>Aphanitic intermediate rock</b>								

# Apella Resources Inc.

Description		Assay						
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
100.11	100.33	As previously described; U/C fractured; L/C oriented at 67° CA APH I2 <b>Aphanitic intermediate rock</b> As previously described; microfractured and slightly EP+; contacts are fractured						
102.00		End of DDH Number of samples: 23 Number of QAQC samples: 1 Total sampled length: 28.13						

## Apella Resources Inc.

**DDH: MA-10-39**

Claims title: CDC 109867

Section:

Township:

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P.Geo

From: 2010-05-12

Description date: 2010-05-13

To: 2010-05-13

**Collar**

Azimuth: 180.00°  
 Dip: -45.00°  
 Length: 99.00 m

**UTM**

East	327 100.82
North	5 511 134.64
Elevation	274.91

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	75.00		-45.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; DDH surveyed with SX Blue GPS; 12 m of casing left in place.  
 Composite assay results with interval value greater than 0.50% V2O5 - Maximum dilution width 1m at 0.40% V2O5:  
 69.55-72.88: 52.22% Fe2O3, 8.14% TiO2, 0.52% V (0.93% V2O5 equivalent) over 3.33 m.

Core size: NQ core Cemented: No Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	11.75	OV Overburden 12 m of casing left in place								
11.75	13.43	I3A; MG <b>Gabbro; Medium-grained</b> Grey and green, medium-grained (3 mm) gabbro composed of 60% subedral light grey PG and 40% CL+ mafic minerals as intergrowth material; very low MG content; interlayered (13.10- 13.32) with strongly CL+ pegmatitic gabbro with PG forming cumulates ranging from 1 to 1.5 cm) and associated with 7% MG								
13.43	34.54	I3H; CG <b>Gabbroic anorthosite; Coarse-grained</b> Light grey and green with speckled aspect, poorly to weakly foliated (50-60° CA), coarse-grained (5 mm) gabbroic anorthosite; composed of 80-90% light grey subedral PG and 10-20% CL+ mafic minerals filling interstices; PG locally EP+; MG content varies from 1-5%; rock weakly to moderately magnetic; presence of coarse-grained gabbroic intervals (<15 cm); moderately to weakly fractured unit at 30°, 45° and 52° CA; crosscutted by medium-grained (2 mm) tonalitic dyke								
21.33	21.51	SZ <b>Shear zone 42°</b> Shear zone oriented at 42° CA								
22.53	23.32	I1D; MG <b>Tonalite; Medium-grained</b> Grey, weakly foliated (50° CA), medium-grained (2 mm) tonalite dyke; composed of an assemblage of light grey PG, QZ and 10% finer-grainer BO and CL; U/C oriented at 70° CA; L/C oriented at 43° CA								
24.39	25.04	I1D; MG <b>Tonalite; Medium-grained</b> Same as 22.53-23.32; U/C oriented at 26° CA; L/C oriented at 30° CA								
26.30	26.31	FO <b>Foliation 50°</b>								

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
34.54	35.62	<p>Foliation oriented at 50° CA</p> <p>I3G; MG</p> <p><b>Anorthosite; Medium-grained</b></p> <p>Greenish grey, weakly foliated (45°), medium-grained (3 mm) anorthosite; mainly composed of subedral PG , &lt;10% CL and minor amount of EP; Tr of MG filling interstices; gradational contact with the overlying unit; L/C oriented at 40° CA</p>							
35.62	43.58	<p>I3A; I3H; I3G; CG</p> <p><b>Gabbro; Gabbroic anorthosite; Anorthosite; Coarse-grained</b></p> <p>Heterogeneous unit comprises grey and green with speckled aspect, coarse-grained (5 mm) gabbro composed of equal amount of subedral PG, CL+ mafic minerals and 5% disseminated iron oxides; with coarse-grained gabbroic anorthosite and anorthosite forming pluridecimeteric wide layers intersected between 40.79 and 41.56; weakly fractured</p>							
35.90	36.34	<p>APH I3</p> <p><b>Aphanitic mafic rock</b></p> <p>Dark greenish grey, weakly foliated , aphanitic to very fine-grained rock mafic rock; sharp contacts oriented at 70° CA</p>							
36.53	36.79	<p>APH I3</p> <p><b>Aphanitic mafic rock</b></p> <p>Same as 35.90-36.34; U/C at 78° CA; L/C oriented at 71° CA</p>							
36.92	37.77	<p>APH I3</p> <p><b>Aphanitic mafic rock</b></p> <p>Same as 36.53-36.79; U/C oriented at 70° CA; L/C oriented at 55° CA</p>							
43.58	54.55	<p>I3I; CG</p> <p><b>Anorthositic gabbro; Coarse-grained</b></p> <p>Grey and green, weakly foliated (55° CA), coarse-grained (5 mm) anorthositic gabbro composed of 70% subedral PG and 30% CL+ mafic minerals as intergrowth material; &lt;5% disseminated MG; interlayered with a coarse-grained anorthosite layer with contacts oriented at 35° CA and intersected form 44.90 and 45.42; moderately</p>							



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
44.75	44.76	fractured unit at 33° and 47° CA; gradational contact with the underlying unit FO <b>Foliation 43°</b> Foliation oriented at 43° CA								
49.64	49.68	FO <b>Foliation 48°</b> Foliation oriented at 48° CA								
53.11	54.55	I1D; MG <b>Tonalite; Medium-grained</b> Same as 22.53-23.32; U/C oriented at 37° CA; L/C oriented at 29° CA								
54.55	63.94	I3A; CG; VCG <b>Gabbro; Coarse-grained; Very coarse-grained</b> Coarse-grained to very coarse-grained (0.5-1 cm) gabbro composed of 40% light grey PG forming subbedral cumulates and 60% green CL+ mafic minerals as intercumulates material; 10-15% MG; Tr-1% disseminated PY; interlayered with few PG-rich, anorthositic layers (<10 cm); moderately to strongly CL+; fractures oriented at 30° CA	54.55	55.80	171652	1.25	21.47	2.22	0.12	0.21
55.72	55.80	I1D; MG <b>Tonalite; Medium-grained</b>	55.80	57.05	171653	1.25	22.31	2.20	0.12	0.21
		As previously described; contacts oriented at 68° CA	57.05	58.30	171654	1.25	18.51	0.98	0.06	0.11
			58.30	59.55	171655	1.25	17.77	1.05	0.06	0.11
			59.55	60.80	171656	1.25	20.55	1.64	0.08	0.14
			60.80	62.05	171657	1.25	22.13	0.81	0.05	0.09
			62.05	63.30	171658	1.25	20.25	1.06	0.06	0.11
			63.30	64.55	171659	1.25	16.24	0.57	0.03	0.05
63.45	63.89	CL+ <b>Chloritization</b> Strongly CL+ interval								
63.94	68.41	I3G; I3H; I3I; I3A; CG; VCG <b>Anorthosite; Gabbroic anorthosite; Anorthositic gabbro; Gabbro; Coarse-grained; Very coarse-grained</b> Heterogeneous unit comprises mainly coarse-grained (5-10 mm) gabbroic anorthosite composed of 85% subbedral PG cumulates and 15% CL+ mafic minerals	64.55	65.80	171660	1.25	9.38	0.80	0.05	0.09
			65.80	67.05	171661	1.25	14.30	0.76	0.05	0.09
			67.05	68.30	171662	1.25	11.69	0.55	0.04	0.07
			68.30	69.55	171663	1.25	24.76	2.38	0.15	0.27

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
68.41	70.40	as intergrowth material; interlayered with pluricentimetric to decimetric wide, coarse-grained anorthosite and CL+ gabbro layers with contacts varying from 25 to 50° CA; weakly fractured unit DIOL; CG <b>Disseminated iron oxide layer;</b> <b>Coarse-grained</b> Disseminated (5-15%) iron oxides mineralization associated with dark green, medium-grained (3-5 mm), CL+ and locally SR+ gabbro; locally deformed, sheared and CL+; fractured U/C; L/C sheared and oriented at 57° CA	69.55	70.40	171664	0.85	29.66	4.16	0.24	0.43
70.40	72.88	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Disseminated to massive vanadiferous MG mineralization; upper section (70.40-71.81) consists of massive (70-90%) MG - magnetite - with strongly CL+ and SR+ anedral silicates forming 2-7 mm grains; Tr of disseminated PY-PO; the lower section (71.81-72.88) shows an alternance of disseminated (<5%) MG mineralization and massive (80-90%) iron oxides layers (2-5 cm); magmatic layering oriented at 53° CA; upper section is fairly fractured with CB filing fractures oriented at 35° and 70° CA; U/C oriented at 65° CA; L/C oriented at 56° CA	70.40	71.65	171665	1.25	71.63	11.81	0.79	1.41
			71.65	72.88	171666	1.23	48.09	7.16	0.45	0.80
72.09	72.29	I3A; FG <b>Gabbro; Fine-grained</b> Greenish grey, massive, fine-grained (1 mm) gabbro; non magnetic unit; sharp contacts; U/C oriented at 42° CA; L/C oriented at 58° CA								
72.50	72.51	ML <b>Magmatic layering 53°</b> Magmatic layering oriented at 53° CA								
72.88	80.84	I3A; DEF; SHR <b>Gabbro; Deformed; Sheared</b> Pale grey and green, well foliated (65-70° CA), deformed and sheared, medium-grained gabbro; composed of equal amount of moderately to strongly deformed light grey PG and CL+ mafic minerals;	72.88	74.13	171667	1.25	16.93	1.95	0.12	0.21
			74.13	75.38	171668	1.25	15.02	1.41	0.07	0.12

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
74.30	74.31	<p>original texture is obliterated; low MG content; moderately fractured; crosscutted by metric wide, fine-grained granitic / aplitic injections associated with a CL+ and CB+ of mafic units</p> <p>FO <b>Foliation 48°</b> Foliation oriented at 48° CA</p>	75.38	76.63	171669	1.25	15.88	1.77	0.10	0.18
76.93	78.26	<p>I1B <b>Granite</b> Very pale rose, massive, fine-grained (1 mm) granitic / aplitic injection; composed of an assemblage of QZ, FP, MV and minor amount of EP; U/C oriented at 25° CA and crosscutted by a CB vein (0.5-1 cm) oriented at low angle to CA; L/C oriented at 45° CA</p>								
78.26	79.55	<p>SZ <b>Shear zone 71°</b> Moderately CB+ shear zone oriented at 71° CA</p>								
79.22	79.55	<p>I1B; MG <b>Granite; Medium-grained</b> 3 medium-grained granitic dykelets (5-14 cm) oriented at 78° CA and associated with a strong CB+ of host rock</p>								
80.25	80.26	<p>FO <b>Foliation 55°</b> Foliation oriented at 55° CA</p>								
80.84	99.00	<p>I3I; I3A; MG <b>Anorthositic gabbro; Gabbro; Medium-grained</b> Heterogeneous unit comprises interlayered medium-grained (3-5 mm) anorthositic gabbro and CL+ melanocratic gabbro forming pluricentimetric to plurimetric wide layers; anorthositic gabbro is whitish and green, exhibits a speckled aspect and composed of 75% subedral PG and 25% CL+ mafic; the gabbro is dark green, strongly CL+ and associated with 5-7% disseminated MG; weakly mineralized unit; intersected by fine-grained to medium-grained aplitic / granitic dykes (7-80 cm along CA); and greenish grey, weakly foliated (75° CA) very fine-grained</p>								

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
86.50	86.51	FO intermediate dyke; locally sheared and CB+; moderately fractured at 25°, 50° and 60° CA <b>Foliation 68°</b> Foliation oriented at 68° CA							
87.29	87.39	I1B; MG <b>Granite; Medium-grained</b> Medium-grained granitic dykelet oriented at 47° CA							
89.08	89.87	I1B; FG <b>Granite; Fine-grained</b> Fine to medium-grained granitic dyke crosscutted by a 5 cm wide QZ vein oriented at 62° CA; U/C undulating from 45° to sub-parallel to CA; L/C oriented at 60° CA							
90.20	90.58	I1B; MG <b>Granite; Medium-grained</b> Medium-grained granitic dyke; U/C oriented at 7° CA; L/C oriented at 55° CA							
90.73	91.91	APH I2 <b>Aphanitic intermediate rock</b> Greenish grey, weakly foliated (77° CA), very fine-grained intermediate rock; CL aligned along foliation; non magnetic; fracture at 20° CA; sharp contacts; U/C oriented at 70° CA; L/C oriented at 75° CA							
91.91	92.00	I1B; MG <b>Granite; Medium-grained</b> As previously described							
92.75	92.76	FO <b>Foliation 60°</b> Foliation oriented at 60° CA							
94.55	95.15	I1B; FG <b>Granite; Fine-grained</b> As previously described							
95.51	96.30	I1B; FG <b>Granite; Fine-grained</b> As previously described; U/C oriented at 60° CA; L/C oriented at 25° CA							

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
97.02	97.30	I1F Aplite Aplitic injection crosscutted by CB vein (min tw 2.5 cm) oriented at 25° CA							
99.00    End of DDH Number of samples: 18 Number of QAQC samples: 0 Total sampled length: 22.08									

# Apella Resources Inc.

**DDH: MA-11-40**

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-28

Description date: 2011-04-30

To: 2011-04-30

## Collar

### UTM

Azimuth: 178.78°  
 Dip: -51.36°  
 Length: 150.00 m

East	325 501.69
North	5 511 625.72
Elevation	288.62

## Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-52.00°	No

Type	Depth	Azimuth	Dip	Invalid

## Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc;  
 Composite assay results with interval value greater than 0.30% V2O5  
 108.66-109.94: 26.05% Fe<sub>2</sub>O<sub>3</sub>, 4.04% TiO<sub>2</sub>, 0.17% V (0.30% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.28 m.

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	79.22	OV <b>Overburden</b> 81 m of NW casing left in hole								
79.22	128.22	I3A <b>Gabbro</b> Heterogeneous unit comprises dark grey and greenish beige, weakly foliated, medium to coarse-grained (3-5 mm) gabbro composed of 60% subedral PG and 40% CL+ mafic minerals as intergrowth material; PG are locally EP+; overall very low MG content (2-3%); <1% PY; interlayered with a metric wide, pegmatitic gabbro with MG forming irregular plurimillimetric wide patches with CL (85.23-86.25); and a medium-grained (2 mm) gabbroic anorthosite layer (89.36-91.15); few heavily disseminated to massive (15-50%) iron oxides layers (1-5 cm) oriented at 60° CA were encountered between 98.00-99.20 and 106.73-109.55; upper section (79.22-82.00) is strongly CL+, sheared and weathered with very poor rock recovery; fairly fractured unit (35°-40°, 60° CA)								
87.80	88.57	SZ <b>Shear zone 75°</b> Shear zone oriented at 70-80° CA; CL+ and CB+	93.00	94.25	K360539	1.25	19.88	1.95	0.07	0.12
			94.25	95.50	K360540	1.25	17.04	1.88	0.07	0.12
			95.50	96.75	K360541	1.25	14.73	1.64	0.06	0.11
			96.75	98.00	K360542	1.25	22.26	3.20	0.12	0.21
96.95	97.75	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA; CL+ and injected by few CB stringers (<0.5 cm)	98.00	99.25	K360543	1.25	26.14	4.12	0.15	0.27
98.35	98.69	APH I2 <b>Aphanitic intermediate dyke</b> Dark grey, aphanitic intermediate dyke; Tr of disseminated PY; contacts are fractured								
99.00	99.01	ML <b>Magmatic layering 65°</b> Magmatic layering oriented at 65° CA	99.25	100.50	K360544	1.25	20.93	3.02	0.11	0.20
			100.50	101.75	K360545	1.25	16.65	2.05	0.08	0.14
			101.75	103.00	K360546	1.25	10.28	0.86	0.03	0.05
102.00	102.17	SZ <b>Shear zone 50°</b> Shear zone oriented at 50° CA								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
102.17	106.16	I2; FG; MAS; FO	104.91	106.16	K360547	1.25	9.11	0.81	0.03	0.05
		<b>Intermediate dyke; Fine-grained;</b>	106.16	107.41	K360548	1.25	22.62	3.37	0.15	0.27
		<b>Massive; Foliated</b>	107.41	108.66	K360549	1.25	24.29	3.73	0.16	0.29
Medium grey to greenish grey, massive to weakly foliated (60° CA) very fine to medium-grained (0.5-2 mm) intermediate dyke; 25-30% mafic minerals (CL); Tr-1% PY; lower section is finer-grained, greenish grey and CL+; pinkish to reddish hue resulting from HM+; contacts are fractured										
108.45	108.46	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	108.66	109.94	K360551	1.28	26.05	4.04	0.17	0.30
109.94	116.57	I2; FG; APH	109.94	111.19	K360552	1.25	7.45	0.73	0.02	0.04
		<b>Intermediate dyke; Fine-grained;</b> <b>Aphanitic</b>	111.19	112.44	K360553	1.25	7.69	0.75	0.02	0.04
Same as 102.17-106.16; fine-grained (1 mm); PG are slightly EP+; with fairly CB+ intervals; lower section is dark grey, with gradational contact from a finer-grained to an aphanitic texture; U/C is fractured; L/C oriented at 50° CA										
119.07	119.91	I2 <b>Intermediate dyke</b> Same as 109.94-116.57; U/C oriented at 60° CA; L/C oriented at 70° CA								
121.02	121.82	I2; FG; APH <b>Intermediate dyke; Fine-grained;</b> <b>Aphanitic</b> Same as 109.94-116.57; with gradational lower contact from finer-grained to aphanitic; U/C oriented at 50° CA; L/C oriented at 70° CA								
123.74	123.92	I2; APH <b>Intermediate dyke; Aphanitic</b> Dark grey, aphanitic intermediate dyke; U/C oriented at 55° CA; L/C oriented at 40° CA								
126.46	126.81	SZ <b>Shear zone 70°</b>								



# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
128.22	150.00	<p>Shear zone oriented at 70° CA</p> <p>I3I; I3A; CG</p> <p><b>Anorthositic gabbro; Gabbro;</b></p> <p><b>Coarse-grained</b></p> <p>Fairly homogeneous unit comprises light beige and dark green with speckled aspect, coarse-grained (5 mm) mesocratic to leucocratic unit (gabbro-anorthositic gabbro); weakly developed foliation oriented at 55° CA; composed of 50-70% light beige subedral PG and 30-50% dark green CL+ mafic minerals as intercumulate material; &lt;2% MG; Tr of disseminated PY; interlayered with &lt;1% dark green, medium-grained melanocratic gabbro layers ranging from 4-10 cm; intersected by few pluridecimeteric wide medium-grained tonalite dyke and fine-grained diorite dykes; weakly fractured unit (20° &amp; 40° CA); excellent core recovery</p>							
131.42	131.45	<p>I1D; MG</p> <p><b>Tonalite; Medium-grained</b></p> <p>Medium-grained tonalite dykelet with contacts oriented at 45° CA</p>							
136.19	136.32	<p>I1D; MG</p> <p><b>Tonalite; Medium-grained</b></p> <p>Medium-grained tonalite dykelet; U/C oriented at 60° CA; L/C is fractured</p>							
136.98	137.71	<p>I1D; POR</p> <p><b>Tonalite; Porphyritic</b></p> <p>Grey, porphyritic tonalite dyke; weakly foliated (70° CA); composed of 20% subedral whitish PG phenocrysts (1-5 mm) set in a fine-grained quartzofeldspathic groundmass; 10% BO±CL; U/C oriented at 70° CA; L/C oriented at 55° CA</p>							
140.10	140.95	<p>I2J; FG</p> <p><b>Diorite; Fine-grained</b></p> <p>Dark grey, massive, fine-grained (0.5-1 mm) diorite dyke; composed of equal amount of subedral PG and finer-grained mafic minerals (BO-CL); présence of subedral PG phenocrysts (2 mm); U/C oriented at 50° CA; L/C oriented at 70° CA</p>							

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
144.46	144.56	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dike with contacts oriented at 50° CA							
144.82	148.70	I1D; MG <b>Tonalite; Medium-grained</b> 80% medium-grained tonalite dyke crosscutting anorthositic gabbro; U/C oriented at 20° CA; L/C oriented at 80° CA							
150.00 End of DDH Number of samples: 14 Number of QAQC samples: 1 Total sampled length: 17.53									

# Apella Resources Inc.

**DDH: MA-11-41**

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-26

Description date: 2011-04-28

To: 2011-04-28

**Collar**

Azimuth: 180.00°  
 Dip: -50.00°  
 Length: 150.00 m

**UTM**

East	325 501.90
North	5 511 572.97
Elevation	287.95

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc

Core size: NQ core

Cemented: No

Stored: Yes

Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	80.20	OV <b>Overburden</b> 81 m of NW casing pulled out									
80.20	95.00	I3A; MG; CG <b>Gabbro; Medium-grained; Coarse-grained</b> Grey and dark green, massive, medium to coarse-grained (4-10 mm) gabbro; composed of equal amount of subedral PG and dark green CL+ mafic minerals as intergrowth material; weakly to moderately magnetic with 3-5% disseminated iron oxides; moderately to strongly CL+; PG are locally EP+; 1-5% PY; strongly fractured (35°, 45-50° and 0-15° CA) with CL filling and intervals of strongly broken core; RQD is 28% (poor); interlayered with a CL+ pegmatitic gabbro with MG forming irregular centimetric patches as intercumulate material; L/C is fractured and grinded	80.20	81.45	K360503	1.25	18.60	1.44	0.05	0.09	
			81.45	82.70	K360504	1.25	17.79	1.86	0.07	0.12	
			82.70	83.95	K360505	1.25	19.69	2.59	0.09	0.16	
			83.95	85.20	K360506	1.25	18.60	1.87	0.08	0.14	
			85.20	86.45	K360507	1.25	18.25	1.41	0.06	0.11	
			86.45	87.70	K360508	1.25	17.42	1.60	0.07	0.12	
			87.70	88.95	K360509	1.25	16.39	1.72	0.07	0.12	
			88.95	90.20	K360510	1.25	18.41	2.05	0.08	0.14	
			90.20	91.45	K360511	1.25	16.37	2.29	0.09	0.16	
90.58	92.12	I3A; PEG; CU <b>Gabbro; Pegmatitic; Cumulate</b> CL+ pegmatitic gabbro with EP+ subedral PG cumulates varying from 1.5-4 cm; CL±MG (up to 5%) forming irregular pluricentimetric masses as intercumulate material; 1-2% PY	91.45	92.70	K360512	1.25	20.50	2.14	0.09	0.16	
			92.70	93.95	K360513	1.25	21.38	2.68	0.10	0.18	
			93.95	95.00	K360514	1.05	17.71	1.57	0.06	0.11	
95.00	120.93	I3G; I3H; CG <b>Anorthosite; Gabbroic anorthosite; Coarse-grained</b> Greenish beige and dark green, massive, coarse-grained leucocratic unit (gabbroic anorthosite-anorthosite); composed of 80-90% subedral PG, 10-20% CL+ mafic minerals as intergrowth material with minor amount (1-2%) of anedral purplish apatite; salmon rose alteration resulting from HM+?; increasing of mafic minerals content at depth; MG content is very low (<1%); Tr of disseminated PY; moderately fractured unit; intersected by very fine to fine-grained (0.25-1 mm) intermediate dyke	95.00	96.25	K360515	1.25	8.00	0.77	0.03	0.05	
			96.25	97.50	K360516	1.25	6.33	0.79	0.04	0.07	
			97.50	98.75	K360517	1.25	5.15	0.55	0.02	0.04	
101.00	103.00	I2 <b>Intermediate dyke</b> Grey, massive, fine-grained (0.50 mm)									

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
106.67	110.21	intermediate (diorite) dyke; U/C oriented at 5° CA; L/C oriented at 30° CA I3A; MAS; FG <b>Gabbro; Massive; Fine-grained</b> Greenish grey, massive, fine-grained (1 mm) CL+ microgabbro; composed of 40% PG and 60% strongy CL+ mafic minerals; non magnetic unit; weakly fractured at 40° CA; U/C is sheared at 65° CA; L/C oriented at 50° CA								
106.67	107.00	SZ <b>Shear zone 65°</b> Shear zone oriented at 65° CA; CL+ and CB+; 2% PY; deformed QZ veins (2 cm)								
111.03	113.25	I2; MAS; FG <b>Intermediate dyke; Massive; Fine-grained</b> Medium grey, massive, fine-grained (0.5 mm) intermediate dyke; Tr of PY; U/C oriented at 60° CA; L/C oriented at 25° CA								
117.73	118.63	I2; MAS; FG <b>Intermediate dyke; Massive; Fine-grained</b> Same as 111.03-113.25; contacts are fractured								
120.93	150.00	I3A; I3I; I3H; I3G; MG; CG <b>Gabbro; Anorthositic gabbro; Gabbroic anorthosite; Anorthosite; Medium-grained; Coarse-grained</b> Heterogeneous unit comprises 75% medium-grained (2-5 mm) gabbro and 25% coarser-grained leucocratic unit ranging from anorthositic gabbro to anorthosite; leucocratic units occurs mainly between 134.82 and 142.93; overall very low iron oxides content (<2-5%); disseminated (5-10%) iron oxides mineralization associated with dark greenish grey, medium-grained, CL+ melanocratic gabbro, forming (7%) layers (3-30 cm) oriented at 50°-60° CA, were encountered sporadically; weakly to moderately fractured (40°, 60° CA); excellent core recovery	121.00	122.50	K360518	1.50	14.85	1.45	0.06	0.11
			122.50	124.00	K360519	1.50	12.70	1.17	0.05	0.09
123.13	123.37	I1D; MG								

# Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
	<b>Tonalite; Medium-grained</b> Pale grey to pinkish, massive, equigranular, medium-grained (3 mm) HM+ tonalitic dykelet; composed of 65% subedral PG, 25% interstitial QZ and <10% CL; U/C oriented at 50°CA; L/C oriented at 60° CA									
123.61	123.70	I1D; MG	124.00	125.50	K360520	1.50	16.95	1.86	0.08	0.14
		<b>Tonalite; Medium-grained</b> Same as 123.13-123.37; contacts are oriented at 20° CA	125.50	127.00	K360521	1.50	7.97	0.70	0.03	0.05
125.62	126.31	I1D; MG								
		<b>Tonalite; Medium-grained</b> Same as 123.13-123.37; 15% finer-grained mafic minerals (BO±CL); weakly foliated (55° CA); L/C contact with HM stains on FP; U/C oriented at 60° CA; L/C oriented at 45° CA								
126.31	127.02	I3H; MG; CG	127.00	128.50	K360522	1.50	17.62	1.52	0.06	0.11
		<b>Gabbroic anorthosite; Medium-grained; Coarse-grained</b>	128.50	130.00	K360523	1.50	17.80	1.08	0.05	0.09
		Medium to coarse-grained (5-10 mm) gabbroic anorthosite composed of 80-90% subedral PG and 10-20% CL+ mafic minerals; Tr of PY; lower section is EP+; L/C oriented at 50° CA	130.00	131.50	K360524	1.50	18.63	0.64	0.03	0.05
			131.50	133.00	K360526	1.50	20.39	1.72	0.07	0.12
			133.00	134.50	K360527	1.50	19.57	2.41	0.10	0.18
			134.50	136.00	K360528	1.50	14.43	1.50	0.07	0.12
135.05	135.52	I3H; MG	136.00	137.50	K360529	1.50	16.35	1.15	0.05	0.09
		<b>Gabbroic anorthosite; Medium-grained</b> Medium-grained gabbroic anorthosite layer; PG are partilally EP+; 0.5-1% PY; contacts oriented at 50° CA								
136.31	136.61	I3G; MG	137.50	139.00	K360530	1.50	9.69	0.59	0.03	0.05
		<b>Anorthosite; Medium-grained</b> Medium-grained (4 mm) anorthosite layer	139.00	140.50	K360531	1.50	10.63	0.63	0.03	0.05
			140.50	142.00	K360532	1.50	9.67	0.64	0.03	0.05
140.91	142.23	I3H; MG	142.00	143.50	K360533	1.50	8.89	0.57	0.03	0.05
		<b>Gabbroic anorthosite; Medium-grained</b> Medium-grained (3-5 mm) gabbroic anorthosite layer; CL+ mafic minerals are more or less oriented at 50°-60° CA; contacts oriented at 50° CA								
142.23	142.66	I3G; MG								
		<b>Anorthosite; Medium-grained</b>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
142.66	142.93	Medium-grained (2 mm) weakly EP+ anorthosite layer with sharp contacts oriented at 50° CA								
		I3H; MG	143.50	145.00	K360534	1.50	13.05	0.90	0.04	0.07
		<b>Gabbroic anorthosite; Medium-grained</b>	145.00	146.50	K360535	1.50	18.13	1.36	0.06	0.11
		Same as 140.91-142.23; L/C oriented at 60° CA								
146.10	147.71	I3A; CG; VCG	146.50	148.00	K360536	1.50	14.60	1.52	0.06	0.11
		<b>Gabbro; Coarse-grained; Very coarse-grained</b>	148.00	149.00	K360537	1.00	13.53	1.22	0.05	0.09
		Coarse to very coarse-grained gabbro with subedral PG cumulates varying from 5-10 mm; PG are weakly EP+; <5% MG with Tr amount of PY	149.00	150.00	K360538	1.00	12.23	0.74	0.03	0.05
149.63	150.00	I3G; CG								
		<b>Anorthosite; Coarse-grained</b>								
		Coarse-grained (5 mm) anorthosite layer; with pale rose to reddish alteration resulting from HM+; U/C trending at 50° CA								
150.00	End of DDH Number of samples: 35 Number of QAQC samples: 1 Total sampled length: 47.55									

## Apella Resources Inc.

**DDH: MA-11-42**

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-20

Description date: 2011-04-27

To: 2011-04-22

**Collar**

UTM

Azimuth: 180.00°

Dip: -50.00°

Length: 150.00 m

East 325 500.00

North 5 511 525.00

Elevation 285.00

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N;

Composite assay results with interval value greater than 0.50% V2O5:

132.38-133.88: 62.63% Fe2O3, 10.55% TIO2, 0.53% V (0.95% V2O5 equivalent) over 1.50 m.

Core size: NQ core

Cemented: No

Stored: Yes



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	73.77	OV Overburden 75 m of NW casing pulled out								
73.77	104.19	I3H; I3I; I3A; CG <b>Gabbroic anorthosite; Anorthositic gabbro; Gabbro; Coarse-grained</b> Heterogeneous unit comprises weakly foliated (60° CA), coarse-grained (5-7 mm) gabbroic to anorthositic rock forming plurimetric wide layers; composed of variable amount of subedral PG and 10-50% CL+ mafic minerals as intergrowth material; leucocratic units are dominant lithologies; up to 1% anedral apatite; weakly to strongly EP+; very low MG content; Tr of disseminated PY; interlayered with few (<5%) dark green, CL+, medium-grained melanocratic gabbro forming <50 cm layers associated with disseminated iron oxides (<10%); crosscutted by HM+, medium-grained, decimetric wide, felsic dykes; and greenish grey, plurimetric wide, microporphyritic intermediate dykes								
78.10	79.40	EP+ <b>Epidotization</b> Strongly EP+ interval	83.42	83.92	K360474	0.50	11.12	0.45	0.03	0.05
83.63	83.73	VEI;0.1;Qz Cc Ep;;50°;Cp01; <b>Vein 0.1 Quartz Calcite Epidote 50° Chalcopyrite 1%</b> QZ-CB-EP vein (0.10 m) with 1% CP								
86.16	86.25	I1D; MG <b>Tonalite; Medium-grained</b> Light grey to pale rose; massive, equigranular, medium-grained (1 mm) felsic / tonalitic dyke; mainly composed of whitish subedral PG and anedral QZ; minor amount of EP and CL; pale rose to reddish alteration resulting from HM; contacts oriented at 35° CA								
86.47	86.53	I1D; MG <b>Tonalite; Medium-grained</b> Same as 86.16-86.25; U/C oriented at 40° CA; L/C oriented at 65° CA								
88.04	88.14	I1D; MG								

# Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
89.12	90.00	<p><b>Tonalite; Medium-grained</b> Same as 86.16-86.25; contacts oriented at 40° CA</p> <p>I1D; MG</p> <p><b>Tonalite; Medium-grained</b> Same as 86.16-86.25; following CA at very low angle</p>							
90.43	90.49	<p>VEI;0.06;Qz;;5°;;</p> <p><b>Vein 0.06 Quartz 5°</b> Irregular whistish QZ vein (1-6 cm) with contacts oriented at 5° CA</p>							
91.16	91.35	<p>VEI;0.03;Qz;;15°;;</p> <p><b>Vein 0.03 Quartz 15°</b> QZ vein (tw 3 cm) oriented at 15° CA and followed from 91.16 to 91.35; EP+ and CL+ walrocks</p>							
92.00	93.09	<p>I2; MPOR</p> <p><b>Intermediate dyke; Microporphyrict</b> Greenish grey, microporphyrict intermediate dyke; up to 5% subedral PG microphenocrysts (0.5-1 mm) set in a very fine-grained EP+ intermediate groudmass; intersected by 1% thin QZ stringers; exhibits locally a brecciated aspect; U/C oriented at 5° CA; L/C oriented at 60° CA</p>							
93.16	93.51	<p>I2; MPOR</p> <p><b>Intermediate dyke; Microporphyrict</b> Same as 92.00-93.09; U/C oriented at 55° CA; L/C oriented at 50° CA</p>							
93.74	102.91	<p>I2; MPOR</p> <p><b>Intermediate dyke; Microporphyrict</b> Same as 92.00-93.09; EP+; with fine-grained intervals; intersected by &lt;1% CB±QZ veins (&lt;1 cm) and stringers oriented at 30° and 60° CA; up to 2% PY forming euedral grains (5 mm); moderately fractured at 20°, 25° and 40° CA; U/C is fractured, shared and CL+; L/C oriented at 40° CA</p>							
102.91	102.97	<p>VEI;0.04;Qz Cc;;40°;;</p> <p><b>Vein 0.04 Quartz Calcite 40°</b></p>							

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
104.19	150.00	<p>QZ-CC vein (tw 4 cm) oriented at 40° CA</p> <p>I3A; I3I; I3H; MG; CG</p> <p><b>Gabbro; Anorthositic gabbro; Gabbroic anorthosite; Medium-grained; Coarse-grained</b></p> <p>Heterogeneous unit comprises 85% medium-grained to coarse-grained (5-10 mm) gabbro and 15% coarse-grained to very coarse-grained (5-15 mm) leucocratic unit varying from an anorthositic gabbro to a gabbroic anorthosite; few pluricentimetric to pluridecimetetric wide anorthosite layers were encountered (e.g 114.27-114.42, 145.60-145.87, 149.10-150.00); altered and deformed anorthositic layers are getting more abundant between 145.57-150.00 - transition zone to an anorthositic unit; disseminated (5-15%) iron oxides mineralization intersected between 107.23 and 113.00; approximately 5% semi-massive to massive iron oxides layers encountered at 117.30-117.45, 117.58-118.03, 121.43-121.97 &amp; 132.38-133.88; intersected by few medium-grained tonalitic dykelets and plurimetric wide aphanitic intermediate-mafic dykes; moderately to fairly fractured unit (35°-40°CA)</p>	105.25	106.25	K360476	1.00	6.95	0.33	0.02	0.04
105.43	105.90	<p>VEI;;Qz Cc;;;;</p> <p><b>Vein Quartz Calcite</b></p> <p>Fractured QZ±CB vein followed from 105.43 to 105.90</p>	106.25	107.50	K360477	1.25	9.61	0.85	0.04	0.07
			107.50	108.75	K360478	1.25	17.78	1.58	0.07	0.12
			108.75	110.00	K360479	1.25	20.74	1.66	0.08	0.14
			110.00	111.25	K360480	1.25	27.73	4.19	0.19	0.34
			111.25	112.50	K360481	1.25	20.01	2.64	0.10	0.18
			112.50	113.75	K360482	1.25	23.39	2.88	0.12	0.21
			113.75	115.00	K360483	1.25	14.34	0.99	0.04	0.07
			115.00	116.25	K360484	1.25	13.80	1.03	0.04	0.07
			116.25	117.50	K360485	1.25	19.02	2.22	0.09	0.16
117.30	117.45	<p>DIOL; MIOL</p> <p><b>Disseminated iron oxide layer; Massive iron oxide layer</b></p> <p>Disseminated to massive iron oxide layer with 15-90% MG; U/C oriented at 70° CA; L/C oriented at 50° CA</p>								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
117.45	117.58	APH I3 <b>Aphanitic mafic dyke</b> Dark greenish grey, aphanitic mafic dyke; non magnetic; strongly fractured	117.50	118.75	K360486	1.25	20.52	2.22	0.10	0.18
117.58	118.03	SMIOL <b>Semi-massive iron oxide layer</b> Semi-massive iron oxide layer with 30-40% MG; contacts are fractured								
118.03	118.38	APH I3 <b>Aphanitic mafic dyke</b> Same as 117.45-117.58; strongly fractured								
118.38	118.51	DIOL <b>Disseminated iron oxide layer</b> Disseminated iron oxide layer with 15% MG; 2% PY								
118.51	121.43	APH I3 <b>Aphanitic mafic dyke</b> Same as 117.45-117.58; strongly fractured at 30° CA; lower section with strongly broken core interval from 121.00-121.43	118.75	120.00	K360487	1.25	9.40	0.66	0.02	0.04
			120.00	121.25	K360488	1.25	8.11	0.84	0.02	0.04
			121.25	122.50	K360489	1.25	32.02	5.95	0.27	0.48
121.43	121.97	MIOL <b>Massive iron oxide layer</b> Massive iron oxide layer with 90% MG; up to 5% PY; contacts are fractured	122.50	123.75	K360490	1.25	10.72	1.05	0.05	0.09
			123.75	125.00	K360491	1.25	11.16	1.08	0.05	0.09
			125.00	126.25	K360492	1.25	13.78	1.02	0.04	0.07
			126.25	127.50	K360493	1.25	14.61	1.19	0.06	0.11
			127.50	128.75	K360494	1.25	12.94	1.32	0.06	0.11
127.88	128.17	I1D; MG <b>Tonalite; Medium-grained</b> 90% medium-grained felsic / tonalitic injection; U/C oriented at 55° CA; L/C oriented at 10° CA								
128.75	131.22	APH I3 <b>Aphanitic mafic dyke</b> Medium-grey, massive and locally schistosed, deformed, fine-grained (0.5-1 mm) mafic dyke; Tr of disseminated PY; U/C oriented at 30° CA; L/C is strongly deformed and weakly mineralized with CP	128.75	130.00	K360495	1.25	7.28	0.63	0.02	0.04
			130.00	131.25	K360496	1.25	7.28	0.66	0.02	0.04
			131.25	132.38	K360497	1.13	25.42	2.95	0.14	0.25
132.38	133.88	MIOL <b>Massive iron oxide layer</b> Massive iron oxide layer with 50-90% MG;	132.38	133.88	K360498	1.50	62.63	10.55	0.53	0.95
			133.88	135.13	K360499	1.25	11.39	1.16	0.05	0.09

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		silicates are strongly altered with CL and SR; strongly fractured (30° & 45° CA) with interval of strongly broken core; CL & PY filling fractures								
134.50	134.51	FO	135.13	136.38	K360501	1.25	13.26	1.50	0.07	0.12
		<b>Foliation 55°</b>	136.38	137.63	K360502	1.25	13.71	1.38	0.06	0.11
		Weakly developed foliation oriented at 55° CA								
137.26	138.67	I2								
		<b>Intermediate dyke</b>								
		Medium-grey, massive, very fine-grained intermediate dyke; U/C oriented at 20° CA; L/C undulating from 15° to 20° CA								
138.92	139.82	I2								
		<b>Intermediate dyke</b>								
		Same as 137.26-138.67; U/C oriented at 20° CA; L/C oriented at 40° CA								
140.68	140.71	VEI;0.025;Qz;;40°;; <b>Vein 0.025 Quartz 40°</b>								
		QZ vein (tw 2.5 cm) oriented at 40° CA; strongly EP+ and CL+ wallrocks								
140.97	141.12	VEI;0.06;Qz;;;; <b>Vein 0.06 Quartz</b>								
		QZ vein (tw 6 cm); U/C oriented at 10° CA; L/C oriented at 35° CA; wallrocks are strongly CL+ and EP+								
142.03	142.12	VEI;0.04;Qz;;30°;; <b>Vein 0.04 Quartz 30°</b>								
		QZ vein (tw 4 cm) oriented at 30° CA; wallrocks are strongly CL+ and EP+								
142.91	142.93	VEI;0.02;Qz;;50°;; <b>Vein 0.02 Quartz 50°</b>								
		QZ vein (tw 2 cm) oriented at 50° CA; wallrocks are CL+ and EP+								
144.00	144.52	SZ								
		<b>Shear zone 70°</b>								
		CL+ shear zone oriented at 70° CA;								
144.52	144.91	APH I2								
		<b>Aphanitic intermediate dyke</b>								
		Dark greenish grey, aphanitic intermediate dyke; U/C oriented at 80° CA; L/C fractured;								

## Apella Resources Inc.

Description		Assay						
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
144.85	144.89	host rock is CL+ and sheared VEI;0.035;Qz;;70°;; <b>Vein 0.035 Quartz 70°</b> QZ vein (tw 3.5 cm) oriented at 70° CA; strongly CL+ wallrocks						
144.91	145.32	SZ <b>Shear zone 70°</b> CL+ shear zone oriented at 70° CA						
148.53	148.58	VEI;0.04;Qz;;;Py; <b>Vein 0.04 Quartz Pyrite</b> QZ vein (tw 4 cm) weakly mineralized with PY; irregular contacts trending at 65° CA; wallrocks are strongly CL+						
148.66	148.71	VEI;0.04;Qz;;;; <b>Vein 0.04 Quartz</b> QZ vein (tw 4 cm) with irregularly oriented contacts						
150.00	End of DDH Number of samples: 27 Number of QAQC samples: 2 Total sampled length: 32.88							

# Apella Resources Inc.

**DDH: MA-11-43**

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-10

Description date: 2011-04-11

To: 2011-04-12

## Collar

Azimuth: 182.02°  
Dip: -51.06°  
Length: 150.00 m

## UTM

East	325 600.23
North	5 511 582.72
Elevation	285.88

## Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid
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## Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc;  
Composite assay results with interval value greater than 0.50% V2O5:  
20.97-22.22: 42.80% Fe2O3, 8.16% TIO2, 0.28% V (0.50% V2O5 equivalent) over 1.25 m  
115.77-117.02: 52.58% Fe2O3, 7.64% TIO2, 0.33% V (0.59% V2O5 equivalent) over 1.25 m.

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	17.72	OV Overburden 18 m of NW casing left in place								
17.72	20.97	I3I; I3A; CG <b>Anorthositic gabbro; Gabbro; Coarse-grained</b> Heterogeneous coarse-grained (5-10 mm) mesocratic unit (anorthositic gabbro-gabbro); composed of 25-40% dark green CL+ AM and 60-75% light grey to whitish subedral PG; very low iron oxides content; LM filling fractures; lower contact is sheared (60° CA)	17.72	18.47	K360227	0.75	17.92	2.75	0.07	0.13
			18.47	19.72	K360228	1.25	11.41	1.37	0.04	0.07
			19.72	20.97	K360229	1.25	12.82	1.74	0.05	0.09
20.33	21.00	SZ <b>Shear zone 65°</b> Shear zone oriented at 65° CA								
20.97	27.87	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heterogeneous iron oxides mineralization forming disseminated, semi-massive to massive (5-75%) layers associated to greenish grey, medium-grained (1-2 mm) ferrogabbro - composed of variable amount of iron oxides, PG, SR and CL; massive iron oxides layers with strong CL and SR alteration encountered between 21.22-21.50 and 23.35-24.00; Tr amount of disseminated SF (PO-PY); magmatic layering (30°-50° CA) well defined by variation of iron oxides content; fairly fractured at 10°, 50° and 60° CA; intersected by a medium-grained tonalite dyke; U/C oriented at 60° CA; L/C oriented at 50° CA	20.97	22.22	K360230	1.25	42.80	8.16	0.28	0.50
21.22	21.50	MIOL <b>Massive iron oxide layer</b> 50-80% MG	22.22	23.47	K360231	1.25	28.70	4.22	0.14	0.25
23.35	24.00	MIOL <b>Massive iron oxide layer</b> 50-60% MG	23.47	24.72	K360232	1.25	43.68	7.85	0.27	0.48
			24.72	26.41	K360233	1.69	22.92	3.11	0.12	0.21
26.41	27.31	I1D; MG <b>Tonalite; Medium-grained</b> Grey, massive, equigranular, medium-grained (1-2 mm) tonalite; composed of subedral	26.41	27.31	K360234	0.90	4.58	0.41	0.01	0.02
			27.31	27.87	K360235	0.56	25.33	3.64	0.12	0.21



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
27.87	34.68	whitish PG, anedral QZ and 10% finer-grained BO; weakly foliated; weakly fractured unit; U/C oriented at 65° CA; L/C oriented at 55° CA I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Heterogeneous unit comprises mainly of coarse-grained (5 mm), fairly massive, anorthositic gabbro composed of 70-80% subedral PG and 20-30% CL+ mafic minerals; very low iron oxides content; Tr of disseminated PY; interlayered with <5% dark greenish grey, medium-grained (2 mm) ferrogabbro forming pluricentimetric layers oriented at 40°-50° CA and associated with heavily disseminated (20-25%) iron oxides	27.87	29.12	K360236	1.25	9.77	1.00	0.04	0.07
			29.12	30.37	K360237	1.25	10.71	1.23	0.04	0.07
			30.37	31.62	K360238	1.25	20.17	3.30	0.10	0.18
			31.62	32.87	K360239	1.25	15.24	1.98	0.06	0.11
			32.87	34.68	K360240	1.81	12.52	1.63	0.06	0.11
34.68	46.00	I3A; CG; I3AMG; MG <b>Gabbro; Coarse-grained; Ferrogabbro; Medium-grained</b> Heterogeneous unit composed of 85% of weakly foliated (40° CA), coarse-grained (5 mm) gabbro weakly mineralized (2-5%) with iron oxides; interlayered with 15% dark greenish grey, medium-grained (2-4 mm) ferrogabbro forming heavily disseminated (10-25%) iron oxides layers varying from 0.2 to 1.0 m with contacts oriented at 50° CA; moderately fractured unit	34.68	35.93	K360241	1.25	26.89	4.11	0.15	0.27
35.80	36.25	APH I2; MPOR <b>Aphanitic intermediate dyke; Microporphyritic</b> Dark grey, microporphyritic intermediate dyke; 5% subedral PG microphenocrysts (1-2 mm); non magnetic unit; contacts are fractured	35.93	37.18	K360242	1.25	16.90	2.23	0.08	0.14
			37.18	38.43	K360243	1.25	19.88	2.50	0.10	0.18
38.43	39.51	DIOL <b>Disseminated iron oxide layer</b> 10-20% MG	38.43	39.68	K360244	1.25	25.34	3.63	0.14	0.25
			39.68	40.93	K360245	1.25	22.13	3.27	0.12	0.21
40.58	41.07	DIOL <b>Disseminated iron oxide layer</b> 10-20% MG	40.93	42.18	K360246	1.25	14.84	1.85	0.07	0.13
			42.18	43.43	K360247	1.25	16.12	1.99	0.07	0.13
			43.43	44.68	K360248	1.25	15.24	1.29	0.06	0.11
			44.68	46.00	K360249	1.32	19.13	2.04	0.08	0.14
46.00	129.65	I3I; I3A; CG; CU	46.00	47.25	K360251	1.25	14.84	1.61	0.06	0.11

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		<b>Anorthositic gabbro; Gabbro; Coarse-grained; Cumulate</b>	47.25	48.50	K360252	1.25	14.26	1.57	0.06	0.11
		Grey and green with speckled aspect, weakly foliated (50° CA), coarse-grained, mesocratic unit (anorthositic gabbro-gabbro); composed of 60-70% light grey PG forming subedral cumulates (5-7 mm), 30-40% green AM as intercumulates material and <2% disseminated iron oxides; increasing of mafic minerals content at depth; interlayered with dark greenish grey, weakly foliated, medium-grained (2 mm) ferrogabbro associated with heavily disseminated to semi-massive iron oxides mineralization, mostly encountered between 99.00 and 118.25, and forming pluridecimeteric to plurimetric wide layers; locally EP+; crosscutted by dark grey, microporphyritic, intermediate dykes, medium-grained to aplitic, granitic dykes and grey to pinkish, medium-grained tonalite dykes; moderately fractured with intervals of strongly broken core (56.50-57.75 & 58.10-58.55)	48.50	49.75	K360253	1.25	12.04	1.74	0.06	0.11
49.66	50.70	<b>I1B; MG; APL Granite; Medium-grained; Aplitic</b> Pale rose, weakly foliated (20° CA), folded, medium-grained (2 mm) to aplitic granitic dyke; U/C oriented at 25° CA; L/C oriented at 50° CA								
61.13	61.71	<b>APH I2; MPOR Aphanitic intermediate dyke; Microporphyritic</b> Dark grey, microporphyritic intermediate dyke; up to 7% subedral PG microphenocrysts (1-2 mm); non magnetic unit; U/C oriented at 45° CA and crosscutted by a CB vein (2 cm); L/C is fractured								
65.27	66.10	<b>I1B; MG; APL Granite; Medium-grained; Aplitic</b> Same as 49.66-50.70; HM staining of FP; fractures oriented at 35°-40° CA; U/C oriented at 65° CA; L/C oriented at 50° CA								
70.64	70.67	<b>SZ</b>								

# Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
77.19	77.62	<b>Shear zone 55°</b> Shear zone oriented at 55° CA; 2% PY I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dyke; U/C oriented at 60° CA; L/C oriented at 55° CA							
81.33	82.05	SZ <b>Shear zone 65°</b> Shear zone oriented at 65° CA							
83.35	83.56	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dyke; U/C oriented at 30° CA; L/C oriented at 25° CA							
83.85	84.32	86.74	87.99	K360254	1.25	13.86	1.37	0.06	0.11
		87.99	89.24	K360255	1.25	12.27	1.41	0.05	0.09
		Moderately to strongly EP+							
89.24	91.00	89.24	90.24	K360256	1.00	17.12	2.66	0.12	0.21
		90.24	91.00	K360257	0.76	19.47	3.21	0.12	0.21
		91.00	92.25	K360258	1.25	14.25	2.18	0.08	0.14
		92.25	93.50	K360259	1.25	7.00	0.72	0.03	0.05
92.33	92.42	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dyke; contacts oriented at 70° CA							
92.49	93.10	93.50	94.75	K360260	1.25	15.77	1.90	0.07	0.13
		94.75	96.00	K360261	1.25	11.27	1.51	0.05	0.09
		96.00	97.25	K360262	1.25	13.39	1.93	0.06	0.11
		97.25	98.50	K360263	1.25	17.51	1.84	0.08	0.14
		98.50	99.75	K360264	1.25	26.31	2.87	0.12	0.21
99.00	99.62	99.75	101.00	K360265	1.25	15.85	1.83	0.07	0.13
		101.00	102.25	K360266	1.25	21.75	2.83	0.11	0.20
		<b>Disseminated iron oxide layer;</b> <b>Semi-massive iron oxide layer;</b> <b>Massive iron oxide layer</b> Disseminated to massive (10-60%) iron oxides mineralization associated with a medium-grained SR+ and CL+ ferrogabbro; 0.5% PY; weakly HM+; contacts oriented at 60° CA							

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
101.43	101.48	APH I2 <b>Aphanitic intermediate dyke</b> Dark grey, aphanitic, intermediate dyke; contacts oriented at 70° CA								
101.96	102.03	APH I2 <b>Aphanitic intermediate dyke</b> As previously described; contacts oriented at 70° CA	102.25	103.50	K360267	1.25	18.57	2.28	0.08	0.14
			103.50	105.00	K360268	1.50	27.61	3.76	0.13	0.23
103.68	103.87	SMIOL <b>Semi-massive iron oxide layer</b> Semi-massive (40%) iron oxides mineralization associated with a medium-grained SR+ and CL+ ferrogabbro; contacts oriented at 50° CA								
104.71	105.60	DIOL; SMIOL <b>Disseminated iron oxide layer;</b> <b>Semi-massive iron oxide layer</b> Disseminated to semi-massive (up to 40%) iron oxides mineralization associated with a medium-grained SR+ and CL+ ferrogabbro; 0.5% PY; contacts oriented at 50° CA	105.00	106.50	K360269	1.50	29.72	3.78	0.15	0.27
106.35	106.41	SZ <b>Shear zone 50°</b> Shear zone oriented at 50° CA	106.50	107.75	K360270	1.25	12.19	1.29	0.05	0.09
			107.75	109.00	K360271	1.25	10.64	1.06	0.04	0.07
108.43	108.51	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dyke; U/C oriented at 30° CA; L/C oriented at 50° CA	109.00	110.33	K360272	1.33	10.13	1.23	0.05	0.09
109.85	110.33	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dyke; U/C oriented at 55° CA; L/C oriented at 30° CA	110.33	111.92	K360273	1.59	25.38	2.20	0.09	0.16
111.33	111.92	DIOL <b>Disseminated iron oxide layer</b> Heavily disseminated (10-15%) iron oxides mineralization associated with a medium-grained SR+ and CL+ ferrogabbro; dark green strongly CL+ mafic minerals; U/C oriented at 50° CA; L/C oriented at 45° CA								
111.92	113.27	I1D; MG <b>Tonalite; Medium-grained</b>	111.92	113.27	K360274	1.35	2.45	0.13	<0.01	0.00

# Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
113.27	118.23	Medium-grained tonalite dyke; U/C oriented at 45° CA; L/C oriented at 50° CA	113.27	114.52	K360276	1.25	29.37	2.83	0.11	0.20
		DIOL; SMIOL; MIOL								
		<b>Disseminated iron oxide layer;</b>								
		<b>Semi-massive iron oxide layer;</b>								
		114.52	115.77	K360277	1.25	26.95	2.94	0.12	0.21	
		115.77	117.02	K360278	1.25	52.58	7.64	0.33	0.59	
		117.02	118.27	K360279	1.25	30.44	2.74	0.11	0.20	
		Disseminated to massive (10-75%) iron oxides mineralization associated with a medium-grained ferrogabbro; massive iron oxides layers (5-25 cm) are strongly SR+ and CL+; CL+ AM pseudomorph after PX; magmatic layering oriented at 50° CA; Tr-1% PY; moderately fractured (10° et 50° CA); U/C oriented at 50° CA; L/C oriented at 55° CA								
118.23	118.25	I1D; MG	118.27	119.52	K360280	1.25	13.96	1.64	0.06	0.11
		<b>Tonalite; Medium-grained</b>								
		Medium-grained tonalite dykelet with contacts oriented at 55° CA								
118.35	118.47	I1D; MG	119.52	120.77	K360281	1.25	18.60	2.41	0.09	0.16
		<b>Tonalite; Medium-grained</b>	120.77	122.02	K360282	1.25	14.24	1.68	0.06	0.11
		Medium-grained tonalite dyke; contacts oriented at 80° CA								
121.16	121.31	I1D; MG	122.02	123.27	K360283	1.25	18.82	2.63	0.10	0.18
		<b>Tonalite; Medium-grained</b>								
		Medium-grained tonalite dyke; contacts oriented at 80° CA								
123.00	123.16	SMIOL								
		<b>Semi-massive iron oxide layer</b>								
		Semi-massive (30%) iron oxides layer; fractured contacts								
123.16	123.67	I1D; MG	123.27	124.52	K360284	1.25	15.80	2.36	0.08	0.14
		<b>Tonalite; Medium-grained</b>								
		Medium-grained tonalite dyke; contacts oriented at 60° CA								
124.24	124.32	I1D; MG								
		<b>Tonalite; Medium-grained</b>								
		Medium-grained tonalite dyke; contacts oriented at 50° CA								
124.32	124.49	SMIOL	124.52	125.77	K360285	1.25	23.28	3.79	0.14	0.25
		<b>Semi-massive iron oxide layer</b>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
127.46	128.27	Semi-massive (40%) iron oxides layer; L/C oriented at 50° CA SZ Shear zone 65° Shear zone oriented at 65° CA	125.77	127.02	K360286	1.25	16.00	1.69	0.07	0.13
129.10	129.65	APH I2 Aphanitic intermediate dyke 20° Medium grey, very fine-grained, intermediate dyke; contacts oriented at 20° CA								
129.65	134.63	I3G; I3H; CG Anorthosite; Gabbroic anorthosite; Coarse-grained Very pale green to whitish, weakly foliated, very coarse-grained leucocratic unit (anorthosite-gabbroic anorthosite); composed of 85-95% subedral PG cumulates (0.5-1 cm) and 5-15% dark green CL+ mafic minerals; weakly EP+; salmon rose alteration of FP; presence anedral purplish apatite observed at 132.70 m; absence of iron oxides; Tr of PY; affected by minor pluricentimetric shear zones oriented at 60° et 80° CA; intersected by few QZ veins (0.5-1 cm) oriented at 30° and at very low angle to CA; moderately fractured at 15° and 30° CA	133.38	134.63	K360287	1.25	7.03	0.66	0.03	0.05
134.63	150.00	I3H; I3A; CG Gabbroic anorthosite; Gabbro; Coarse-grained Strongly heterogeneous unit comprises coarse-grained mesocratic unit (gabbro-anorthositic gabbro) which locally exhibits a well developed cumulate texture; interlayered with 15% disseminated to semi-massive iron oxides layers varying from 0.16 to 1.04 m and averaging 0.60 m; moderately to strongly fractured (25°, 40° and 50°) with intervals of broken core (139.32-139.42, 141.09-141.40, 145.20-145.30, 146.45-146.84); lower section (141.40-150) is sheared and characterized by a pervasive EP+ alteration with CB injection forming irregular veins (<3 cm) and stringers	134.63	135.88	K360288	1.25	15.22	1.37	0.05	0.09
135.76	136.27	SMIOL Semi-massive iron oxide layer	135.88	137.13	K360289	1.25	29.45	5.48	0.21	0.37

# Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
136.91	137.07	Semi-massive (40-50%) iron oxides layer associated with dark greyish green CL+ medium-grained ferrogabbro; U/C oriented at 70° CA; L/C oriented at 60° CA								
		<b>SMIOL</b>	137.13	138.38	K360290	1.25	13.09	1.25	0.04	0.07
		<b>Semi-massive iron oxide layer</b>	138.38	139.63	K360291	1.25	19.93	2.71	0.09	0.16
		Same as 135.76-136.27; 40-50% MG; broken core								
139.26	139.88	<b>DIOL</b>	139.63	140.88	K360292	1.25	19.88	2.60	0.09	0.16
		<b>Disseminated iron oxide layer</b>	140.88	142.13	K360293	1.25	29.10	5.05	0.18	0.32
		Disseminated (10-15%) iron oxides layer associated with a dark green, medium-grained, strongly CL+ ferrogabbro; strongly fractured at 25° and 50° CA; U/C oriented at 40° CA; L/C oriented at 50° CA								
141.10	141.40	<b>DIOL; SMIOL; MIOL</b>								
		<b>Disseminated iron oxide layer;</b>								
		<b>Semi-massive iron oxide layer;</b>								
		<b>Massive iron oxide layer</b>								
		Same as 139.26-139.88; with heavily disseminated to massive (15-60%) iron oxides mineralization; strongly broken core with CL alteration; Tr-1% PY								
141.40	150.00	<b>EP+; CB+</b>	142.13	143.38	K360294	1.25	19.19	3.17	0.10	0.18
		<b>Epidotization ; Carbonatization</b>								
		Moderately to strongly EP+; CB forming irregular veins (<3 cm) and stringers								
142.96	143.75	<b>DIOL</b>	143.38	144.63	K360295	1.25	25.08	4.00	0.14	0.25
		<b>Disseminated iron oxide layer</b>	144.63	145.88	K360296	1.25	12.05	0.99	0.05	0.09
		Heavily disseminated (15-20%) iron oxides mineralization associated with a dark green CL+, well foliated and sheared (50° CA) ferrogabbro injected by 5% CB±PY vein (3 cm) and stringers								
147.96	148.00	<b>FZ</b>								
		<b>Fault zone</b>								
		Fault zone; reddish brown sandy to silty material								

# Apella Resources Inc.

150.00 End of DDH  
Number of samples: 68  
Number of QAQC samples: 2  
Total sampled length: 84.81



## Apella Resources Inc.

**DDH: MA-11-44**

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-18

Description date: 2011-04-19

To: 2011-04-20

Collar

UTM

Azimuth: 181.48°

East 325 550.33

Dip: -51.32°

North 5 511 642.72

Length: 153.00 m

Elevation 288.62

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-54.00°	No

Type	Depth	Azimuth	Dip	Invalid
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Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc;

Composite assay results with interval value greater than 0.50% V2O5:

62.31-68.56: 52.37% Fe2O3, 8.69% TIO2, 0.30% V (0.53% V2O5 equivalent) over 6.25 m

77.98-81.73: 47.96% Fe2O3, 9.02% TIO2, 0.28% V (0.50% V2O5 equivalent) over 3.75 m

90.66-95.30: 48.72% Fe2O3, 9.52% TIO2, 0.30% V (0.53% V2O5 equivalent) over 4.64 m

95.93-109.68: 52.32% Fe2O3, 10.07% TIO2, 0.31% V (0.55% V2O5 equivalent) over 13.75 m

117.75-119.00: 48.28% Fe2O3, 8.21% TIO2, 0.32% V (0.57% V2O5 equivalent) over 1.25 m

128.65-134.55: 51.35% Fe2O3, 9.15% TIO2, 0.37% V (0.66% V2O5 equivalent) over 5.90 m

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

135.80-137.05: 36.32% Fe<sub>2</sub>O<sub>3</sub>, 6.30% TiO<sub>2</sub>, 0.28% V (0.50% V<sub>2</sub>O<sub>5</sub> equivalent) over 1.25 m

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	23.26	OV <b>Overburden</b> 24 m of NW casing left in place								
23.26	24.10	I3A; MG <b>Gabbro; Medium-grained</b> Greenish grey, massive, equigranular, medium-grained (2 mm) gabbro; Tr of disseminated SF	23.26	24.10	K360362	0.84	18.71	0.48	0.02	0.04
24.10	29.94	DIOL <b>Disseminated iron oxide layer</b> Disseminated to heavily disseminated (up to 10%) iron oxides associated with a coarse-grained (5 mm), moderately SR+ and CL+ ferrogabbro; Tr-1% PY; weakly fractured	24.10	25.35	K360363	1.25	23.75	1.57	0.05	0.09
			25.35	26.60	K360364	1.25	29.36	3.36	0.10	0.18
			26.60	27.85	K360365	1.25	19.17	1.94	0.05	0.09
			27.85	29.10	K360366	1.25	21.06	3.05	0.08	0.14
			29.10	29.94	K360367	0.84	22.22	3.44	0.09	0.16
29.94	39.09	I3AMG; MG; I3I; CG <b>Ferrogabbro; Medium-grained; Anorthositic gabbro; Coarse-grained</b> Heterogeneous unit comprises interlayered medium-grained to coarse-grained (5-10 mm) anorthositic gabbro (75%) forming pluridecimeteric wide layers; and medium-grained ferrogabbro (25%) associated with disseminated (<10%) iron oxides mineralization or forming irregular plurimillimetric to centimeteric masses; locally sheared and intersected by a dark grey, microporphyritic intermediate dyke; transition with the underlying unit	29.94	31.19	K360368	1.25	17.59	2.28	0.06	0.11
			31.19	32.44	K360369	1.25	15.00	1.06	0.03	0.05
			32.44	33.69	K360370	1.25	19.07	2.49	0.07	0.13
			33.69	34.61	K360371	0.92	22.15	2.65	0.08	0.14
34.61	35.17	APH I2; POR <b>Aphanitic intermediate dyke; Porphyritic</b> Dark grey, porphyritic intermediate dyke; 1% anedral FP (1-5 mm) phenocrysts set in an aphanitic intermediate groundmass; with pluricentimeteric wide, sheared intervals; few QZ veins (<1 cm) and stringers oriented at 75° CA; U/C oriented at 65° CA; L/C oriented at 75° CA	34.61	35.17	K360372	0.56	8.31	0.71	0.02	0.04
			35.17	36.42	K360373	1.25	20.30	2.33	0.07	0.13
			36.42	37.67	K360374	1.25	14.20	2.02	0.05	0.09
			37.67	39.09	K360376	1.42	12.17	1.55	0.03	0.05
37.85	38.09	SZ <b>Shear zone 55°</b> Shear zone oriented at 55° CA; possibly mylonitized								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
38.09	38.17	I1D; MG <b>Tonalite; Medium-grained</b> Grey to pinkish, medium-grained tonalitic dykelet; contacts oriented at 50° CA								
38.59	39.08	SZ <b>Shear zone 80°</b> Shear zone oriented at 80° CA; section possibly mylonitized								
39.09	45.11	I3I; I3H; CG; I3G; VCG <b>Anorthositic gabbro; Gabbroic anorthosite; Coarse-grained; Anorthosite; Very coarse-grained</b> Heterogeneous, coarse-grained, leucocratic unit (anorthositic gabbro-gabbroic anorthosite); composed of 70-85% subedral PG and 15-30% CL+ mafic minerals as intergrowth material; overall very low (<3%) iron oxides content; <1% PY; interlayered with a pluridecimeteric wide anorthosite layer with well developed cumulate texture; moderately fractured unit (50° et 30° CA); L/C is sheared and oriented at 40° CA	39.09	40.34	K360377	1.25	10.30	0.90	0.03	0.05
			40.34	41.59	K360378	1.25	10.75	0.97	0.03	0.05
			41.59	42.84	K360379	1.25	10.29	1.41	0.03	0.05
42.57	42.87	I3G; PEG; CU <b>Anorthosite; Pegmatitic; Cumulate</b> Light beige and green, massive, pegmatitic anorthosite; composed of >90% PG cumulates (1-5 cm); 10% CL and MG (5%) forming plurimillimetric masses as intercumulate materia	42.84	44.09	K360380	1.25	8.34	0.99	0.02	0.04
43.19	43.58	I3G; PEG; CU <b>Anorthosite; Pegmatitic; Cumulate</b> Light beige to pinkish (weakly HM+), massive, pegmatitic anorthosite; composed of >90% PG cumulates (1-5 cm); 10% CL as intercumulate material	44.09	45.11	K360381	1.02	9.42	1.25	0.03	0.05
44.95	45.40	SZ <b>Shear zone 35°</b> Shear zone oriented at 35° CA								
45.11	52.05	I3A; MG <b>Gabbro; Medium-grained</b> Greenish grey and dark green with speckled aspect, massive, medium-grained (3-5 mm) gabbro;	45.11	46.36	K360382	1.25	22.50	3.42	0.11	0.20
			46.36	47.61	K360383	1.25	20.00	3.17	0.11	0.20
			47.61	48.86	K360384	1.25	18.74	2.62	0.09	0.16

## Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
52.05	55.26	composed of equal amount of subedral PG and CL+ mafic minerals as intergrowth material; 3-7% MG; presence of CC stringers (3 mm) oriented at 20° CA; fairly fractured (20°, 70°-80° CA) and CL+ with interval of broken core (50.52-50.75)	48.86	50.11	K360385	1.25	16.13	2.42	0.08	0.14
			50.11	51.36	K360386	1.25	22.95	3.62	0.12	0.21
			51.36	52.05	K360387	0.69	24.21	4.56	0.13	0.23
		<b>DIOL</b>	52.05	53.30	K360388	1.25	34.90	5.54	0.20	0.36
		<b>Disseminated iron oxide layer</b>	53.30	54.55	K360389	1.25	17.73	2.95	0.08	0.14
		Disseminated to heavily disseminated (5-25%) MG associated with a medium-grained (3-5 mm) CL+ ferrogabbro; interlayered with a pluridecimeter wide, coarse to very coarse-grained (5-15 mm) anorthositic gabbro with well developed cumulate texture; Tr of disseminated PY or forming irregular, plurimillimetric wide, masses or stringers (3-5 mm) oriented at 20° CA (52.95); strongly fractured (20°, 40°; L/C is sheared and oriented at 35° CA	54.55	55.26	K360390	0.71	28.51	8.61	0.27	0.48
55.26	61.06	<b>I3A; MG</b>	55.26	56.51	K360391	1.25	19.23	2.69	0.07	0.13
		<b>Gabbro; Medium-grained</b>	56.51	57.76	K360392	1.25	14.60	2.60	0.07	0.13
		Fairly homogeneous unit comprises medium-grained (5 mm) gabbro composed of equal amount of subedral PG and dark green CL+ mafic minerals;	57.76	59.01	K360393	1.25	15.26	2.20	0.07	0.13
		3-5% disseminated iron oxides; upper section (55.26-56.71) is CL+ and EP with CC forming pluricentimeter wide masses; L/C is sheared (60° CA); weakly fractured	59.01	60.26	K360394	1.25	15.45	2.35	0.07	0.13
			60.26	61.06	K360395	0.80	17.81	2.68	0.08	0.14
61.06	133.30	<b>DIOL; SMIOL; MIOL</b>	61.06	62.31	K360396	1.25	45.97	5.83	0.22	0.39
		<b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b>	62.31	63.56	K360397	1.25	51.05	6.39	0.25	0.45
		Disseminated, semi-massive to massive (10-75%) iron oxides zones associated with strongly altered medium-grained (1-2 mm) ferrogabbro - composed of variable amount of iron oxides, CL and SR; overall semi-massive (35-50%) iron oxides mineralization; Tr-1% disseminated PY or forming stringers (2-3 mm) oriented at 30° CA; weakly mineralized intervals intersected between 111.22-114.20, 115.48-116.50, 120.25-128.65; strongly fractured (30°, 45°, 55° and at very low angle to CA); umerous CL+ intervals with strongly broken core and very poor rock recovery (66.00-66.58, 67.85-69.00, 74.85-79.35, 84.08-84.76, 87.32-89.35 & 89.60-91.00, 93.85-102.20,	63.56	64.81	K360398	1.25	53.33	9.05	0.34	0.61

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
104.55-110.85 & 113.90-126.50); medium-grained (2 mm) and very coarse-grained, CL+ and EP+, pegmatitic gabbro weakly mineralized with iron oxides intersected between 84.08 and 85.66; crosscutted by, plurimetric wide, medium-grained tonalitic dyke; RQD is poor (40%) between 61.06-92.00; very poor (13%) between 92.00-110.85; fair (55%) between 110.85-115.30; very poor (14%) between 115.30-127.45; and poor (46%) between 127.45-133.30 ; overall the RQD is averaged to 30% (poor)										
64.50	64.51	ML <b>Magmatic layering 30°</b> Magmatic layering oriented at 30° CA	64.81	66.06	K360399	1.25	48.20	7.38	0.28	0.50
			66.06	67.31	K360401	1.25	52.16	9.33	0.29	0.52
			67.31	68.56	K360402	1.25	57.13	11.31	0.33	0.59
67.50	67.51	ML <b>Magmatic layering 40°</b> Magmatic layering oriented at 40° CA	68.56	69.35	K360403	0.79	39.00	8.30	0.21	0.37
69.00	69.50	CL+90 <b>Chloritization 90</b> Strongly CL+ (>90%) alteration zone								
69.35	74.23	I1D; MG <b>Tonalite; Medium-grained</b> Pale grey to pinkish, massive, equigranular, medium-grained (1-2 mm) tonalite dyke; fairly fractured (30-35° & 55° CA) with CL filling; upper section is strongly CL+; CC filing fractures; few QZ stringers (1-3 mm) trending at 30-35° CA; contacts are fractured	69.35	70.85	K360404	1.50	5.92	0.52	<0.01	0.00
			70.85	72.35	K360405	1.50	7.16	0.76	0.01	0.02
			72.35	73.35	K360406	1.00	7.48	0.86	0.01	0.02
			73.35	74.23	K360407	0.88	7.65	0.83	0.01	0.02
			74.23	75.48	K360408	1.25	36.71	7.24	0.24	0.43
			75.48	76.73	K360409	1.25	39.40	7.53	0.23	0.41
			76.73	77.98	K360410	1.25	42.06	7.48	0.22	0.39
			77.98	79.23	K360411	1.25	46.75	8.86	0.28	0.50
			79.23	80.48	K360412	1.25	47.94	9.00	0.28	0.50
			80.48	81.73	K360413	1.25	49.19	9.19	0.28	0.50
			81.73	83.06	K360414	1.33	44.71	8.56	0.26	0.46
81.80	81.81	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA								
83.06	84.08	I1D; MG <b>Tonalite; Medium-grained</b> Same as 70.35-74.23; U/C oriented at 25° CA;	83.06	84.08	K360415	1.02	3.94	0.29	<0.01	0.00
			84.08	84.83	K360416	0.75	23.22	3.88	0.09	0.16

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		L/C is fractured	84.83	85.66	K360417	0.83	24.16	3.43	0.09	0.16
			85.66	86.91	K360418	1.25	41.55	8.53	0.26	0.46
			86.91	88.16	K360419	1.25	40.34	8.32	0.24	0.43
87.10	87.11	ML	88.16	89.41	K360420	1.25	27.16	6.87	0.18	0.32
		<b>Magmatic layering 25°</b>	89.41	90.66	K360421	1.25	38.00	6.89	0.21	0.37
		Magmatic layering oriented at 25° CA	90.66	91.91	K360422	1.25	43.46	7.87	0.24	0.43
			91.91	93.16	K360423	1.25	56.12	11.73	0.37	0.66
			93.16	94.41	K360424	1.25	46.70	9.12	0.28	0.50
			94.41	95.30	K360426	0.89	48.57	9.29	0.29	0.52
95.30	95.93	CNR	95.93	97.18	K360427	1.25	47.05	8.83	0.26	0.46
		<b>Core not recuperated</b>	97.18	98.43	K360428	1.25	53.02	10.14	0.29	0.52
		Core not recuperated	98.43	99.68	K360429	1.25	55.78	11.08	0.33	0.59
			99.68	100.93	K360430	1.25	58.65	11.61	0.36	0.64
			100.93	102.18	K360431	1.25	62.05	12.15	0.40	0.71
			102.18	103.43	K360432	1.25	56.50	11.16	0.34	0.61
			103.43	104.68	K360433	1.25	45.46	8.02	0.24	0.43
			104.68	105.93	K360434	1.25	48.40	8.92	0.28	0.50
			105.93	107.18	K360435	1.25	53.28	10.41	0.32	0.57
			107.18	108.43	K360436	1.25	46.45	8.70	0.27	0.48
			108.43	109.68	K360437	1.25	48.88	9.73	0.30	0.54
109.00	110.25	I1D; POR	109.68	111.22	K360438	1.54	25.91	5.48	0.15	0.27
		<b>Tonalite; Porphyritic</b>								
		As previously described; with 20% PG subedral phenocrysts (1-2 mm); CL+; contacts are fractured								
111.22	114.20	FZ; SZ	111.22	112.72	K360439	1.50	26.61	2.43	0.09	0.16
		<b>Fault zone; Shear zone</b>	112.72	114.20	K360440	1.48	24.08	2.88	0.11	0.20
		Strongly fractured fault / shear zone affecting a sequence of mesocratic gabbro; very low iron oxides content; non magnetic unit; strongly CL+; crumbly CL+ material between 111.22-111.50	114.20	115.48	K360441	1.28	34.19	6.25	0.22	0.39
115.48	116.50	I3G; VCG	115.48	116.50	K360442	1.02	11.02	1.61	0.05	0.09
		<b>Anorthosite; Very coarse-grained</b>	116.50	117.75	K360443	1.25	27.98	4.31	0.17	0.30
		Very coarse-grained anorthosite layers; CL+ and strongly EP+; low iron oxides content;	117.75	119.00	K360444	1.25	48.28	8.21	0.32	0.57

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
117.90	117.91	fractured ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	119.00	120.25	K360445	1.25	32.96	5.63	0.20	0.36
120.25	123.00	I3I; MG <b>Anorthositic gabbro; Medium-grained</b> Medium-grained (3 mm) CL+ anorthositic gabbro; strongly fractured; very low iron oxides content; contacts are fractured	120.25	121.50	K360446	1.25	15.37	1.73	0.07	0.12
			121.50	122.75	K360447	1.25	16.42	2.16	0.09	0.16
			122.75	124.00	K360448	1.25	21.94	3.40	0.14	0.25
123.00	128.65	DIOL <b>Disseminated iron oxide layer</b> Disseminated (<15%) iron oxides mineralization associated with a medium-grained (3 mm) gabbro; CL+ with strongly EP+ intervals; <10% semi-massive MG forming centimetric to decimetric wide layers oriented at 60° CA	124.00	125.25	K360449	1.25	21.27	4.18	0.16	0.29
			125.25	126.50	K360451	1.25	28.47	4.68	0.19	0.34
			126.50	127.75	K360452	1.25	29.49	4.18	0.17	0.30
			127.75	128.65	K360453	0.90	32.33	4.55	0.19	0.34
128.00	128.01	ML <b>Magmatic layering 60°</b> Magmatic layering oriented at 60° CA	128.65	129.90	K360454	1.25	56.47	10.30	0.44	0.79
129.17	129.18	ML <b>Magmatic layering 60°</b> Magmatic layering oriented at 60° CA	129.90	131.15	K360455	1.25	57.02	10.79	0.42	0.75
			131.15	132.40	K360456	1.25	47.90	8.41	0.33	0.59
			132.40	133.30	K360457	0.90	54.76	9.94	0.40	0.71
133.30	153.00	I3A; I3I; I3H; I3G; MG; CG <b>Gabbro; Anorthositic gabbro; Gabbroic anorthosite; Anorthosite; Medium-grained; Coarse-grained</b> Heterogeneous unit comprises 70% medium-grained to coarse-grained (5-10 mm) gabbro and 20% coarse-grained to very coarse-grained (5-15 mm) leucocratic unit varying from an anorthositic gabbro to a gabbroic anorthosite; few anorthosite layers with well developed cumulate texture were intersected (137.65-137.71, 138.31-138.37, 140.11-140.46); very coarse-grained (1 cm) gabbroic anorthosite intersected between 151.27-152.21; 10% heavily disseminated to semi-massive (15-40%) iron oxides layers (1-70 cm) mostly located in the upper section; crosscutted by few decimetric to pluridecimetric wide, medium-grained, tonalite dykes; moderately to weakly fractured unit (25°-30°, 50°-55° CA); RQD is	133.30	134.55	K360458	1.25	41.54	6.52	0.26	0.46
			134.55	135.80	K360459	1.25	28.66	4.57	0.18	0.32
			135.80	137.05	K360460	1.25	36.32	6.30	0.28	0.50



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
135.92	136.03	excellent I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C oriented at 70° CA; L/C oriented at 65° CA	137.05	138.30	K360461	1.25	11.91	1.64	0.06	0.11
137.95	138.18	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C oriented at 70° CA; L/C oriented at 65° CA	138.30	139.55	K360462	1.25	15.81	2.09	0.08	0.14
			139.55	140.80	K360463	1.25	16.72	2.44	0.09	0.16
			140.80	142.05	K360464	1.25	21.96	2.69	0.12	0.21
			142.05	143.30	K360465	1.25	16.12	1.42	0.07	0.12
142.22	142.93	I3AMG; DIOL; MG <b>Ferrogabbro; Disseminated iron oxide layer; Medium-grained</b> Medium-grained (2 mm) SR+ ferrogabbro associated with 15% iron oxides; presence of HM; Tr of PY; U/C oriented at 45° CA; L/C oriented at 50° CA	143.30	144.55	K360466	1.25	17.97	1.36	0.07	0.12
			144.55	145.80	K360467	1.25	12.00	1.14	0.05	0.09
			145.80	147.05	K360468	1.25	12.47	1.06	0.05	0.09
146.41	146.43	ML <b>Magmatic layering 40°</b> Magmatic layering oriented at 40° CA	147.05	148.30	K360469	1.25	15.27	1.29	0.06	0.11
			148.30	149.55	K360470	1.25	24.47	1.86	0.08	0.14
			149.55	150.80	K360471	1.25	13.00	1.91	0.08	0.14
			150.80	152.05	K360472	1.25	8.93	1.04	0.04	0.07
			152.05	153.00	K360473	0.95	9.93	0.91	0.04	0.07
153.00	End of DDH Number of samples: 108 Number of QAQC samples: 4 Total sampled length: 129.11									

# Apella Resources Inc.

**DDH: MA-11-45**

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-15

Description date: 2011-04-18

To: 2011-04-18

**Collar**

UTM

Azimuth: 180.00°

Dip: -50.00°

Length: 77.42 m

East 325 549.40

North 5 511 591.79

Elevation 288.09

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc; 57 m of NW casing; casing broke at 45 m and hole was abandoned hole at 77.42 m

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	56.17	OV Overburden 57 m of NW casing; casing broke at 45 m; 12 m of casing stuck in hole								
56.17	77.42	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Light beige and dark green, weakly foliated (50° CA) coarse-grained unit ranging from an anorthositic gabbro to a gabbro; composed of 60-80% subedral, locally EP+, PG, 20-40% CL+ mafic minerals as intergrowth material and minor amount of anedral purplish apatite; increasing of mafic minerals content at depth; MG content is very low (<1-2%); fairly fractured unit (25°, 40°, 50° CA); intersected by pluricentimetric to pluridecimetric, medium-grained tonalite dykes; affected by minor shear zones								
57.47	58.60	I1D; MG <b>Tonalite; Medium-grained</b> Grey to pinkish, massive, equigranular, medium-grained (1 mm) tonalite dyke; fractures à 30°-35° CA; contacts are fractured								
57.96	58.10	SZ <b>Shear zone 65°</b> Shear zone oriented at 65° CA; slightly EP+								
66.36	66.46	SZ <b>Shear zone 80°</b> Shear zone oriented at 80° CA; EP+								
66.68	66.77	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA								
69.35	69.43	I1D; MG <b>Tonalite; Medium-grained</b> Same as 57.47-58.60; contacts oriented at 50° CA								
69.40	69.70	SZ <b>Shear zone 60°</b> Shear zone oriented at 60° CA; EP+								
70.00	70.26	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA	70.21	71.46	K360359	1.25	10.38	1.61	0.06	0.11
			71.46	72.46	K360360	1.00	20.06	2.53	0.08	0.14

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
71.77	72.18	DIOL Disseminated iron oxide layer Disseminated to heavily disseminated (5-20%) iron oxides associated to a dark green, medium-grained melanocratic gabbro	72.46	73.71	K360361	1.25	10.72	1.16	0.04	0.07
72.90	72.94	I1D; MG <b>Tonalite; Medium-grained</b> Same as 57.47-58.60: contacts oriented at 65° CA								
74.05	75.53	I1D; MG <b>Tonalite; Medium-grained</b> Same as 57.47-58.60; fractures oriented at 20°, 35° and 70° CA; L/C is strongly EP+ and injected by 2 QZ stringers (2 mm) oriented at 40° and 80° CA; U/C oriented at 60° CA; L/C oriented at 55° CA								
77.42	End of DDH Number of samples: 3 Number of QAQC samples: 0 Total sampled length: 3.50									

# Apella Resources Inc.

DDH: MA-11-46

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-13

Description date: 2011-04-14

To: 2011-04-15

## Collar

Azimuth: 179.68°  
Dip: -49.72°  
Length: 150.00 m

## UTM

East	325 549.76
North	5 511 540.75
Elevation	285.86

## Down hole survey

Type	Depth	Azimuth	Dip	Invalid

Type	Depth	Azimuth	Dip	Invalid

## Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc.;  
Composite assay results with interval value greater than 0.40% V2O5:  
72.80-74.05: 35.69% Fe2O3, 5.87% TiO2, 0.23% V (0.41% V2O5 equivalent) over 1.25 m

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	42.00	OV Overburden 42 m of NW casing left in place								
42.00	49.85	I1B; MG <b>Granite; Medium-grained</b> Boulders?; section with pieces (2-25 cm) of core and intervals of fine to coarse gravel material; pale grey to pink, massive, medium-grained (2 mm) tonalitic / granitic rock; composed of 65% subedral whitish PG, 25% anedral QZ, 10% finer-grained BO and CL; pinkish to reddish alteration on PG (HM+) and pale green EP+								
49.85	69.05	I3A; CG; I3I; CG <b>Gabbro; Coarse-grained; Anorthositic gabbro; Coarse-grained</b> Heterogeneous unit comprises interlayered coarse-grained gabbro and anorthositic gabbro forming pluridecimetric to plurimetric wide layers; few coarse-grained anorthosite, pluricentimetric to decimetric wide, layers generally oriented at 50° CA; Tr-2% iron oxides; weakly to moderately fractured (15° & 40° CA); crosscutted by a grey, aphanitic, intermediate and medium-grained tonalitic dykes								
54.62	55.22	I1D; SHR; MG <b>Tonalite; Sheared; Medium-grained</b> Pale grey to pinkish, sheared (50° CA), medium-grained (2 mm) tonalitic dyke; mostly composed of FP and 7-10% mafic minerals (BO±CL) contacts oriented at 55° CA								
55.22	55.50	APH I2 <b>Aphanitic intermediate dyke</b> Dark grey aphanitic intermediate dyke; fracture oriented at 35° CA; U/C oriented at 55° CA; L/C oriented at 60° CA								
56.25	56.32	APH I2 <b>Aphanitic intermediate dyke</b> Same as 55.22-55.50; contacts oriented at 40° CA	66.55	67.80	K360336	1.25	10.27	1.29	0.04	0.07
			67.80	69.05	K360337	1.25	9.58	1.08	0.04	0.07
69.05	83.44	I3A; MG; CG <b>Gabbro; Medium-grained; Coarse-grained</b>	69.05	70.30	K360338	1.25	17.67	1.17	0.04	0.07
			70.30	71.55	K360339	1.25	15.00	1.74	0.06	0.11

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Heterogeneous unit comprises 90% medium to coarse-grained (3-5 mm) gabbro weakly mineralized with iron oxides interlayered with 5% medium-grained, CL+, melanocratic gabbro forming pluricentimetric to pluridecimeteric wide metric layers intersected between 72.50 and 73.66 and associated with disseminated, semi-massive to massive iron oxides	71.55	72.80	K360340	1.25	30.16	3.48	0.13	0.23
72.50	73.14	DIOL <b>Disseminated iron oxide layer</b> Disseminated to heavily disseminated (10-25%) iron oxides layers; magnetite layer intersected from 72.96 to 73.14; CL+; Tr-3% PY; magmatic layering oriented at 60° CA	72.80	74.05	K360341	1.25	35.69	5.87	0.23	0.41
73.60	73.66	MIOL <b>Massive iron oxide layer</b> Massive (>80%) iron oxides layer - magnetite -; oriented at 70° CA	74.05	75.30	K360342	1.25	14.58	1.64	0.07	0.13
			75.30	76.55	K360343	1.25	17.77	2.27	0.10	0.18
			76.55	77.80	K360344	1.25	15.89	1.57	0.07	0.13
			77.80	79.05	K360345	1.25	12.87	1.09	0.05	0.09
77.93	78.26	APH I2; MPOR <b>Aphanitic intermediate dyke;</b> <b>Microporphyrritic</b> Same as 55.22-55.50; <1% anedral FP microphenocrysts (0.5-1 mm); contacts oriented at 55° CA								
83.44	135.62	I3I; I3H; MG <b>Anorthositic gabbro; Gabbroic anorthosite;</b> <b>Medium-grained</b> Fairly homogeneous unit; weakly foliated (55° CA) medium-grained to coarse-grained (3-10 mm) leucocratic unit (anorthositic gabbro-gabbroic anorthosite); fault zone encountered between 103.55 to 112.00 with intervals of strongly broken core and decimeteric wide, CL+, crumbly intervals; alteration zone with EP extending from 100.84 to 118.29; very low iron oxides content; few medium to very coarse-grained anorthosite layers with few blebs of CP (0.5-1 cm) were observed between 127.11-127.19, 127.38-127.80, 127.96-128.10 and 135.19-135.60; weakly to moderately fractured (30°, 40°-50°, 65° CA)								

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
94.33	95.05	I2; VFG <b>Intermediate dyke; Very fine-grained</b> Grey, massive, very fine-grained intermediate dyke; fractured; U/C oriented 30° CA; L/C is fractured							
100.28	103.95	I2; APH; VFG <b>Intermediate dyke; Aphanitic; Very fine-grained</b> Grey, massive, aphanitic to very fine-grained intermediate dyke; intersected by 1-3% thin QZ stringers trending at 30°-40° CA; weakly EP+; crosscutted by a medium-grained altered tonalitic dyke (101.80-102.42); Tr of finely disseminated PY; U/C oriented at 70° CA; L/C is fractured and faulted							
100.84	118.29	EP+ <b>Epidotization</b> Weakly to moderately EP+ section; fairly to strongly fractured							
103.55	103.70	FZ <b>Fault zone</b> Greenish grey, non cohesive granular material; CL+							
105.87	106.38	FZ <b>Fault zone</b> Broken core with intervals of greenish grey, non cohesive granular material; CL+							
110.46	111.00	FZ <b>Fault zone</b> Broken core with intervals of greenish grey, non cohesive granular material; CL+							
114.05	114.14	I1D; POR <b>Tonalite; Porphyritic</b> Porphyritic tonalite composed of 25% subedral PG phenocrysts (2 mm) with pink salmon alteration (HM+) set in a fine-grained (1 mm) groundmass; contacts oriented at 20°CA							
114.14	117.02	I1D; POR <b>Tonalite; Porphyritic</b> Same as 114.05-114.14; 3% QZ veins (1 cm)							



# Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
118.27	118.86								
118.81	118.82								
119.62	119.99								
120.36	120.68	123.00	124.00	K360346	1.00	13.49	0.82	0.04	0.07
123.05	123.20								
123.75	123.87	127.05	128.10	K360347	1.05	9.43	1.06	0.03	0.05
127.10	127.51								
134.36	134.89	135.50	137.00	K360348	1.50	20.72	2.50	0.12	0.21

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
135.62	150.00	I3A; MG <b>Gabbro; Medium-grained</b> Weakly foliated, medium to coarse-grained (3-10 mm) gabbro; 2-3% iron oxides; <10% dark green, medium-grained, CL+, melanocratic layers (2-30 cm) oriented at 50°-60° CA and associated with disseminated to heavily disseminated (10-20%) iron oxides	137.00	138.50	K360349	1.50	12.50	1.13	0.05	0.09
			138.50	140.00	K360351	1.50	14.52	1.20	0.06	0.11
			140.00	141.50	K360352	1.50	11.16	0.96	0.05	0.09
			141.50	143.00	K360353	1.50	15.29	1.23	0.06	0.11
			143.00	144.50	K360354	1.50	16.74	1.35	0.06	0.11
			144.50	146.00	K360355	1.50	13.50	1.08	0.05	0.09
			146.00	147.50	K360356	1.50	25.37	3.27	0.14	0.25
			147.50	149.00	K360357	1.50	13.58	1.32	0.05	0.09
148.31	149.00	I2; APH; FG <b>Intermediate dyke; Aphanitic; Fine-grained</b> Grey, foliated (40° CA), aphanitic to fine-grained (1 mm) intermediate dyke; U/C oriented at 60° CA; L/C oriented at 40° CA	149.00	150.00	K360358	1.00	9.29	0.65	0.03	0.05
150.00	End of DDH Number of samples: 22 Number of QAQC samples: 1 Total sampled length: 29.05									

# Apella Resources Inc.

**DDH: MA-11-47**

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagani

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-12

Description date: 2011-04-13

To: 2011-04-13

Collar

Azimuth: 176.32°  
 Dip: -47.26°  
 Length: 150.00 m

UTM

East	325 549.34
North	5 511 494.75
Elevation	285.82

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc..

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	36.00	OV Overburden 36 m of NW casing left in place								
36.00	58.71	I3G; I3H; I3I; MG; CG <b>Anorthosite; Gabbroic anorthosite; Anorthositic gabbro; Medium-grained; Coarse-grained</b> Heterogeneous medium to coarse-grained leucocratic unit (anorthosite-anorthositic gabbro); variable amount (5-30%) mafic minerals; PG forming subbedral cumulates (5-10%); very low iron oxides content; Tr of disseminated PY; sheared; intersected by pluridecimeteric, porphyritic diorite dyke; moderately fractured (40° CA)								
37.70	38.20	SZ <b>Shear zone 50°</b> Fairly CB+ shear zone oriented at 50° CA								
41.69	41.87	SZ <b>Shear zone 50°</b> Shear zone oriented at 50° CA								
43.26	43.34	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA								
44.66	45.04	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA								
48.20	50.28	I2J; POR <b>Diorite; Porphyritic</b> Dark grey, porphyritic diorite; composed of 5-10% subbedral PG phenocrysts (1-2 mm) set in a fine-grained intermediate groundmass mainly composed of PG and 25% mafic minerals (CL± BO); with intervals of medium-grained tonalitic sections (10 cm); Tr of finely disseminated PY; contacts oriented at 60° CA								
51.65	51.70	VEI;0.05;Qz Cb;60°;Gn Py; <b>Vein 0.05 Quartz Carbonate 60° Galène Pyrite</b> QZ-CB vein (tw 5 cm) with Tr of PY and GA; oriented at 60° CA	54.96	56.21	K360297	1.25	6.83	0.69	0.04	0.07
			56.21	57.46	K360298	1.25	7.46	0.85	0.03	0.05

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
57.20	57.86	I2J; POR <b>Diorite; Porphyritic</b> Same as 48.20-50.28; with coarse-grained PG phenocrysts (15%) (1-2 mm); U/C oriented at 55° CA; L/C oriented at 70° CA	57.46	58.71	K360299	1.25	6.53	0.71	0.03	0.05
58.71	59.90	DIOL <b>Disseminated iron oxide layer</b> Disseminated to heavily disseminated (10-25%) iron oxides mineralization hosted in a massive, medium-grained (2-4 mm) ferrogabbro; SR+ PG; weakly defined magmatic layering oriented at 50° CA; sharp contacts; weakly fractured (15° and 30° CA); U/C oriented at 50° CA; L/C oriented at 55° CA	58.71	59.90	K360301	1.19	26.37	3.52	0.16	0.29
59.90	60.78	I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Coarse-grained anorthositic gabbro; 1% iron oxides	59.90	60.78	K360302	0.88	11.17	1.13	0.05	0.09
60.78	66.26	DIOL <b>Disseminated iron oxide layer</b> Same as 58.71-59.90; 10-15% iron oxides; with a semi-massive to massive (30-50%) iron oxides, decimetric wide, layers oriented at 50° CA; <1% disseminated PY; sharp contacts oriented at 50° CA	60.78	62.03	K360303	1.25	26.64	3.56	0.16	0.29
			62.03	63.28	K360304	1.25	21.72	2.66	0.11	0.20
			63.28	64.53	K360305	1.25	22.93	2.84	0.13	0.23
			64.53	65.53	K360306	1.00	23.17	2.89	0.13	0.23
			65.53	66.26	K360307	0.73	20.86	2.54	0.11	0.20
66.26	74.61	I3I; I3H; I3A; CG <b>Anorthositic gabbro; Gabbroic anorthosite; Gabbro; Coarse-grained</b> Fairly homogeneous coarse-grained unit varying from a gabbro to a gabbroic anorthosite with variable amount (15-40%) mafic minerals; weakly developed foliation oriented at 50° CA; very low iron oxides content; weakly fractured unit (20° & 45° CA); L/C oriented at 50° CA	66.26	67.51	K360308	1.25	7.95	0.85	0.04	0.07
			67.51	68.76	K360309	1.25	8.37	0.98	0.05	0.09
			68.76	70.01	K360310	1.25	6.91	0.69	0.03	0.05
			70.01	71.51	K360311	1.50	8.57	1.01	0.04	0.07
			71.51	73.01	K360312	1.50	8.81	1.02	0.04	0.07
			73.01	74.61	K360313	1.60	9.46	1.14	0.05	0.09
74.61	83.75	I3A; CG <b>Gabbro; Coarse-grained</b> Coarse-grained (5 mm), weakly foliated gabbro gabbro; composed of equal amount of dark green mafic minerals and subedral light grey to whitish subedral PG; low iron oxides content; <10% dark greenish grey, coarse-grained, CL+ melanocratic gabbro forming pluricentimetric to pluridecimetric layers oriented at 50° CA and associated with a	74.61	75.86	K360314	1.25	14.07	1.59	0.07	0.13
			75.86	77.11	K360315	1.25	10.10	1.09	0.05	0.09
			77.11	78.36	K360316	1.25	12.33	1.22	0.06	0.11
			78.36	79.61	K360317	1.25	16.93	1.61	0.07	0.13
			79.61	80.86	K360318	1.25	12.11	1.11	0.05	0.09
			80.86	82.11	K360319	1.25	12.92	1.10	0.05	0.09
			82.11	83.75	K360320	1.64	15.00	0.88	0.04	0.07

## Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
83.75	112.83	disseminated (10-15%) iron oxides content; presence of few coarse-grained, pluridecimeter wide, anorthosite interlayers, with pink salmon alteration (HM), oriented at 55° CA and intersected between 76.95-77.15 and 81.96-82.49 I3H; I3I; MG <b>Gabbroic anorthosite; Anorthositic gabbro; Medium-grained</b> Heterogeneous unit comprises light beige and dark green with speckled aspect, medium-grained (2-5 mm) leucocratic unit (gabbroic anorthosite-anorthositic gabbro; composed of 75-90% subedral PG and 10-25% dark green CL+ AM as intergrowth material; weakly foliated (50° CA); Tr amount of iron oxides; interlayered with a coarse-grained (5 mm) gabbro layer intersected from 87.38-88.70; moderately fractured (20°, 35° and 50° CA); lower section (97.30-112.83) is weakly to moderately EP+, moderately to strongly CL+ microfractured, sheared with locally a brecciated aspect (pluridecimeter wide fault zones) with intervals of strongly broken core	83.75	85.00	K360321	1.25	4.80	0.23	0.02	0.04
			85.00	86.50	K360322	1.50	7.23	0.65	0.03	0.05
			86.50	88.00	K360323	1.50	6.83	0.64	0.03	0.05
101.70	102.00	FZ <b>Fault zone</b> Broken core; CL+; brecciated aspect	103.50	104.75	K360324	1.25	7.82	0.41	0.02	0.04
			104.75	106.00	K360326	1.25	10.23	0.48	0.03	0.05
104.84	109.91	FZ <b>Fault zone</b> Fault zone affecting gabbroic anorthosite interlayered with strongly CL+ melanocratic gabbro associated with disseminated iron oxides; intervals of strongly broken core; moderately to strongly CL+; non cohesive with granular and brecciated aspect; Tr-15% iron oxides	106.00	107.25	K360327	1.25	19.71	2.78	0.12	0.21
			107.25	108.50	K360328	1.25	23.24	2.33	0.10	0.18
			108.50	109.91	K360329	1.41	15.88	1.62	0.07	0.13
109.91	110.81	APH I2 <b>Aphanitic intermediate dyke</b> Grey, massive, fine-grained (1 mm) intermediate dyke; Tr-0.5% PY; U/C fractured; L/C oriented at 55° CA	109.91	110.81	K360330	0.90	9.29	0.84	0.03	0.05
110.81	112.00	MEL I3A; MG	110.81	112.00	K360331	1.19	25.67	1.22	0.06	0.11

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
112.00	113.83	<p><b>Melanocratic gabbro; Medium-grained</b> Dark green, medium-grained, strongly CL+ melanocratic gabbro; 5% iron oxides; 1% PY; L/C oriented at 55° CA</p> <p>APH I2 <b>Aphanitic intermediate dyke</b> Medium grey, massive, very fine-grained (0.5 mm) intermediate dyke; L/C oriented at 65° CA</p>	112.00	113.00	K360332	1.00	7.48	0.51	0.02	0.04
112.83	137.26	<p>I3G; MG; CG <b>Anorthosite; Medium-grained; Coarse-grained</b> Homogeneous unit comprises greenish white, massive, medium to coarse-grained (2-5 mm) anorthosite composed of 90% subedral PG and &lt;10% mafic minerals (CL); Tr-3 % of purplish anedral apatite forming irregular masses (3 mm); Tr amount of iron oxides; Tr of PY; coarse-grained anorthositic gabbro intersected between 122.81-124.06; intersected by a pluridecimeteric wide, microporphyric intermediate dyke; weakly fractured unit (40° &amp; 60° CA)</p>	113.00	114.00	K360333	1.00	2.62	0.19	0.01	0.02
128.57	129.01	<p>APH I2; MPOR <b>Aphanitic intermediate dyke; Microporphyritic</b> Dark grey, microporphyritic intermediate dyke; presence of whitish anedral (1-5 mm) FP microphenocrysts set in an aphanitic intermediate groundmass; U/C oriented at 70° CA; L/C oriented at 75° CA</p>								
137.26	149.24	<p>I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Homogeneous unit; whitish and dark green with speckled aspect, coarse to very coarse-grained (0.5-1 cm) anorthositic gabbro composed of 75% subedral PG cumulates and 25% dark green CL+ mafic minerals as intercumulate material; &lt;1% iron oxides; &lt;1% disseminated SF; up to 10% apatite forming irregular masses (5-7 mm) intersected between 140.13-140.90; weakly fractured unit (20° &amp; 50° CA)</p>	140.00	141.00	K360334	1.00	6.96	0.80	0.02	0.04
			147.00	148.00	K360335	1.00	8.35	0.74	0.03	0.05

# Apella Resources Inc.

Description			Assay						
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)
149.24	150.00	I3G; CG Anorthosite, Coarse-grained Same as 112.83-137.26							
150.00    End of DDH Number of samples: 37 Number of QAQC samples: 2 Total sampled length: 45.54									



## Apella Resources Inc.

**DDH: MA-11-48**

Claims title: CDC 109864

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-09

Description date: 2011-04-10

To: 2011-04-10

**Collar**

UTM

Azimuth: 180.00°

Dip: -50.00°

Length: 150.00 m

East	325 599.59
North	5 511 532.93
Elevation	285.26

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-52.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc.;

Composite assay results with interval value greater than 0.30% V2O5:

48.15-49.15: 32.18% Fe2O3, 4.55% TIO2, 0.19% V (0.34% V2O5 equivalent) over 1.00 m;

69.05-71.55: 26.75% Fe2O3, 4.39% TIO2, 0.18% V (0.31% V2O5 equivalent) over 2.50 m;

77.80-78.95: 29.30% Fe2O3, 4.63% TIO2, 0.20% V (0.36% V2O5 equivalent) over 1.15 m.

Core size: NQ core

Cemented: No

Stored: Yes

## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	36.00	OV <b>Overburden</b> 36 m of NW casing pulled out									
36.00	51.76	I3A; CG; CU <b>Gabbro; Coarse-grained; Cumulate</b> Heterogeneous unit comprises interlayered, pluridecimeteric to plurimetric wide layers, medium to coarse-grained (3-5 mm) gabbro and pegmatitic gabbro with well developed cumulate (1-2 cm) texture; contacts are gradationnal; composed of equal amount of subedral PG and CL+ AM as intergrowth material; disseminated iron oxides content with MG forming plurimillimetric to pluricentimetric masses within the cumulate unit; Tr of disseminated PY; presence of few disseminated to heavily disseminated (10-25%) iron oxides layers (2-70 cm) associated with SR+ and CL+ ferrogabbro; magmatic layering oriented at 50° CA; moderately to fairly fractured	36.00	37.30	K360188	1.30	14.24	1.51	0.06	0.11	
			37.30	38.55	K360189	1.25	16.52	2.67	0.08	0.14	
			38.55	39.80	K360190	1.25	13.97	1.63	0.05	0.09	
			39.80	40.80	K360191	1.00	17.56	2.46	0.08	0.14	
			40.80	41.95	K360192	1.15	14.37	1.78	0.07	0.13	
41.95	42.23	DIOL <b>Disseminated iron oxide layer</b> Disseminated (15%) iron oxides layers; U/C oriented at 60° CA; L/C oriented at 70° CA	41.95	43.42	K360193	1.47	17.40	2.11	0.08	0.14	
42.23	42.83	I3A; CU <b>Gabbro; Cumulate</b> Up to 10% iron oxides forming irregular, plurimillimetric to centimetric masses									
43.42	44.15	DIOL <b>Disseminated iron oxide layer</b> Heavily disseminated (25%) iron oxides layer associated with a SR+ and CL+ ferrogabbro; contacts oriented at 40° CA	43.42	44.67	K360194	1.25	31.77	3.42	0.14	0.25	
			44.67	45.92	K360195	1.25	24.56	2.57	0.10	0.18	
			45.92	47.17	K360196	1.25	17.93	2.09	0.08	0.14	
			47.17	48.15	K360197	0.98	25.18	2.62	0.10	0.18	
48.15	48.73	DIOL; SMIOL <b>Disseminated iron oxide layer;</b> <b>Semi-massive iron oxide layer</b> Heavily disseminated to semi-massive (10-40%) iron oxides layer associated with SR+ and CL+ ferrogabbro; plurimillimetric masses of PY filling fractures (15° CA); contacts oriented at 50° CA	48.15	49.15	K360198	1.00	32.18	4.55	0.19	0.34	
			49.15	50.40	K360199	1.25	17.92	1.44	0.06	0.11	
			50.40	51.76	K360201	1.36	21.10	2.33	0.09	0.16	

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
51.76	79.05	I3A; MG; CG	51.76	53.01	K360202	1.25	16.50	1.61	0.07	0.13
		<b>Gabbro; Medium-grained; Coarse-grained</b>	53.01	54.26	K360203	1.25	15.66	1.43	0.06	0.11
		Fairly homogeneous unit comprises medium to coarse-grained (3-5 mm) gabbro; composed of equal of subedral whitish PG and dark green CL+ AM as intergrowth material; overall 3-5% disseminated iron oxides; interlayered with pluridecimeteric to metric wide, medium-grained to coarse-grained gabbroic anorthosite intervals (60.30-60.62 & 67.14-68.47); crosscutted by few centimeteric to pluridecimeteric wide, medium-grained tonalite and dark grey aphanitic dykes	54.26	55.51	K360204	1.25	17.43	1.82	0.08	0.14
57.75	58.23	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained (2 mm) tonalite dyke; U/C oriented at 70° CA; L/C oriented at 40° CA								
58.23	58.26	APH I2 <b>Aphanitic intermediate rock</b> Dark grey, aphanitic intermediate dyke; U/C oriented at 40° CA; L/C oriented 60° CA								
62.13	62.17	APH I2 <b>Aphanitic intermediate rock</b> Same as 58.23-58.29; contacts oriented at 70° CA								
62.47	62.69	APH I2	63.05	64.30	K360205	1.25	17.64	1.89	0.08	0.14
		<b>Aphanitic intermediate rock</b> Same as 58.23-58.26; U/C at 60° CA; L/C at 30° CA	64.30	65.55	K360206	1.25	18.87	2.23	0.09	0.16
65.55	66.00	DIOL	65.55	66.80	K360207	1.25	19.53	2.40	0.09	0.16
		<b>Disseminated iron oxide layer</b>	66.80	68.05	K360208	1.25	8.07	0.61	0.03	0.05
		Heavily disseminated (10-30%) iron oxides layer	68.05	69.05	K360209	1.00	21.15	3.15	0.12	0.21
69.05	69.49	DIOL	69.05	70.30	K360210	1.25	21.87	3.40	0.13	0.23
		<b>Disseminated iron oxide layer</b> Heavily disseminated (25-30%) iron oxides layer with contacts oriented at 50° CA								
69.74	71.10	DIOL; SMIOL	70.30	71.55	K360211	1.25	31.64	5.39	0.22	0.39
		<b>Disseminated iron oxide layer;</b>	71.55	72.80	K360212	1.25	18.16	1.47	0.06	0.11
		<b>Semi-massive iron oxide layer</b> Heavily disseminated to semi-massive	72.80	74.05	K360213	1.25	12.75	1.24	0.05	0.09

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
76.96	78.95	(10-40%) iron oxides mineralization; magmatic layering oriented at 50° CA; U/C oriented at 50°; L/C oriented at 50° CA	74.05	75.30	K360214	1.25	16.49	2.09	0.07	0.13
			75.30	76.55	K360215	1.25	14.93	1.78	0.06	0.11
			76.55	77.80	K360216	1.25	20.65	3.49	0.12	0.21
		<b>DIOL; SMIOL</b>	77.80	78.95	K360217	1.15	29.30	4.63	0.20	0.36
		<b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b>	78.95	80.20	K360218	1.25	11.60	1.63	0.07	0.13
79.05	83.91	Heavily disseminated to semi-massive (10-40%) iron oxides mineralization; strongly broken core intervals; sheared (65° CA) and injected by thin CB stringers	80.20	81.45	K360219	1.25	10.92	1.41	0.06	0.11
		<b>I3I; I3H; I3G; SHR; DEF Anorthositic gabbro; Gabbroic anorthosite; Anorthosite; Sheared; Deformed</b>	81.45	82.70	K360220	1.25	8.88	1.02	0.04	0.07
83.91	96.32	Heterogeneous unit comprises deformed and cataclased rocks ranging from an anorthositic gabbro to an anorthosite; sheared (40° CA); pinkish alteration of PG; overall very low iron oxides content; U/C is strongly sheared (55° CA), strongly CB+ and injected of veins (1 cm) and thin stringers of CB; fairly fractured unit; U/C is fractured; L/C oriented at 40° CA								
		<b>I3A; I3I; MG Gabbro; Anorthositic gabbro; Medium-grained</b>								
94.82	94.89	Heterogeneous unit comprises mainly medium-grained to coarse-grained (2-5 mm) gabbro composed of equal amount of dark green CL+ mafic minerals and grey subedral PG; Tr-2% disseminated PY; 3-5% iron oxides; overall weakly mineralized unit; interlayered with few medium-grained (2 mm) anorthositic gabbro forming pluridecimeteric to metric wide layers with contact generally oriented at 40° CA; moderately fractured (30° & 50° CA)								
		<b>I1D; MG Tonalite; Medium-grained</b>								
94.91	95.86	Medium-grained tonalitic dykelet; contacts oriented at 40° CA								
		<b>I2J; EQU; FG Diorite; Equigranular; Fine-grained</b>								
		Medium grey, massive, equigranular,								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
96.32	102.55	<p>fine-grained (1 mm) diorite dyke mainly composed of light grey PG and 20% mafic minerals (CL±BO); intersected by a medium-grained tonalite dyke (17 cm) oriented at 40° CA; U/C oriented at 30° CA; L/C oriented at 60° CA</p> <p>I3I; I3H; VCG; CU</p> <p><b>Anorthositic gabbro; Gabbroic anorthosite; Very coarse-grained; Cumulate</b></p> <p>Medium grey, very coarse-grained leucocratic unit (anorthositic gabbro-gabbroic anorthosite); composed of 70-85% of grey subedral (1 cm) PG and 15-25% CL-SR as intercumulate material; 5-10% MG; Tr-5% PO±PY±CP forming irregular masses (1-5 mm)</p>	96.32	97.57	K360221	1.25	20.18	1.46	0.06	0.11
			97.57	98.82	K360222	1.25	17.74	0.80	0.02	0.04
			98.82	100.07	K360223	1.25	25.01	2.91	0.12	0.21
			100.07	101.32	K360224	1.25	21.20	1.02	0.04	0.07
			101.32	102.55	K360226	1.23	16.98	1.42	0.05	0.09
102.55	109.81	<p>I3H; MG</p> <p><b>Gabbroic anorthosite; Medium-grained</b></p> <p>Homogeneous unit; medium-grained (2-3 mm) gabbroic anorthosite composed of 85% subedral PG and 15% mafic minerals; Tr-1% SF (PO-PY±CP); Tr-1% disseminated MG; U/C is more or less gradationnal; increase of mafic minerals content close to the lower contact; L/C oriented at 35° CA</p>								
109.81	131.00	<p>I3A; MG; I3I; MG; I3H; CG</p> <p><b>Gabbro; Medium-grained; Anorthositic gabbro; Medium-grained; Gabbroic anorthosite; Coarse-grained</b></p> <p>Heterogeneous unit comprises interlayered medium-grained gabbro (50%), anorthositic gabbro (25%) and coarse-grained gabbroic anorthosite (25%) forming pluridecimeteric to metric layers; medium-grained gabbro is generally associated with a low iron content (3-7%) and is weakly foliated (50-55° CA); weakly to moderately fractured unit (50° and 20° CA); intersected by a medium-grained tonalite dyke</p>								
118.40	118.68	<p>I1D; MG</p> <p><b>Tonalite; Medium-grained</b></p> <p>Medium-grained tonalite dyke with contacts oriented at 55° CA</p>								
131.00	134.29	APH I2								

# Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
134.29	136.03	<p><b>Aphanitic intermediate dyke</b> Dark grey, aphanitic to very fine-grained intermediate dyke; composed of an assemblage of PG, CL and BO; presence of whitish anedral PG microphenocrysts (1-2 mm); fractures oriented at 30° and 60° CA; U/C grinded; L/C oriented at 50° CA and intersected by a 3.5 cm (tw) QZ vein</p> <p>I3A; CG</p> <p><b>Gabbro; Coarse-grained</b> Coarse-grained (7 mm) gabbro composed of equal amount of subedral pale grey PG and dark green CL+ mafic minerals; EP+ PG; Tr amount of MG; L/C oriented at 40° CA</p>							
136.03	150.00	<p>I3I; CG</p> <p><b>Anorthositic gabbro; Coarse-grained</b> Coarse-grained (5 mm) anorthositic gabbro composed of 25% of dark green CL+ mafic minerals and 75% moderately to fairly EP+ subedral PG; absence of iron oxides; intersected by medium-grained tonalitic dykes with salmon alteration (HM+) of FP and aphanitic to fine-grained intermediate rock forming plurimetric wide dykes</p>							
136.03	139.83	<p>I1D</p> <p><b>Tonalite</b> Medium-grained tonalite dyke with pink salmon stains (HM+) of FP; fractures oriented at 25° et 40° CA; U/C oriented 40° CA; L/C is fractured, sheared and brecciated;</p>							
142.10	142.90	<p>APH I2; POR</p> <p><b>Aphanitic intermediate dyke; Porphyritic</b> Pale grey with greenish hue, aphanitic to very fine-grained intermediate dyke; presence of anedral phenocrysts (1-2 mm) of PG; U/C oriented at 75° CA; L/C oriented at 50° CA</p>							
143.28	145.92	<p>APH I2; MPOR</p> <p><b>Aphanitic intermediate dyke; Microporphyritic</b> Same as 142.10-142.90; EP+ and HM+ along fractures oriented at 30° and 40° CA; 1-2% QZ</p>							

# Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
146.12	149.84								
stringers oriented at 15° and 60° CA; U/C oriented at 50° CA; L/C oriented at 70° CA MG I2 <b>Medium-grained intermediate dyke</b> Same as 143.28-145.92; coarser-grained; PG weakly SR+; mafic minerals are CL+; U/C oriented at 70° CA; L/C oriented at 50° CA									
150.00	End of DDH Number of samples: 37 Number of QAQC samples: 2 Total sampled length: 45.39								





# Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	13.75	OV Overburden 15 m of NW casing left in place									
13.75	39.60	I3I; MG <b>Anorthositic gabbro; Medium-grained</b> Heterogeneous unit comprises dark green and pale grey with speckled aspect, anorthositic gabbro; composed of 70-75% pale grey PG cumulates (2-8 mm) and 25-30% dark green CL+ AM as intergrowth material; low (<3%) iron oxides content; <1% disseminated PY; interlayered with few pluridecimeter to metric wide layers with well developed cumulate texture and MG (5-10%) mineralization forming plurimillimetric to pluricentimeter masses; presence of medium-grained gabbro forming pluridecimeter wide layers and associated with a disseminated MG content; intersected by few centimeter to pluridecimeter granitic / tonalitic dykes; moderately fractured (45° and 55°-60° CA); excellent core recovery									
16.20	17.60	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Anorthositic gabbro with well developed pegmatitic texture; PG forming suberal cumulates (1-2 cm); dark green CL forming intercumulate material; 3-5% MG									
26.98	27.20	I1B; FG <b>Granite; Fine-grained</b> Fine-grained (1 mm) granitic injection; contacts with host rock are sheared; U/C oriented at 60° CA; L/C oriented at 90° CA	28.25	29.50	K360117	1.25	13.84	1.80	0.05	0.09	
			29.50	30.75	K360118	1.25	13.22	2.00	0.05	0.09	
			30.75	32.00	K360119	1.25	15.22	2.31	0.06	0.11	
32.00	33.00	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Same as 16.20-17.60; up to 10% MG; up to 3% PO-PY±CP forming irregular plurimillimetric masses	32.00	33.00	K360120	1.00	15.57	2.18	0.06	0.11	
			33.00	34.25	K360121	1.25	14.86	2.08	0.05	0.09	
			34.25	35.50	K360122	1.25	12.38	1.36	0.04	0.07	
			35.50	36.75	K360123	1.25	13.85	1.82	0.06	0.11	
36.75	37.89	I3A; MG <b>Gabbro; Medium-grained</b> Medium-grained gabbro associated with 7% disseminated MG; intersected by a	36.75	38.00	K360124	1.25	15.77	2.20	0.07	0.13	
			38.00	39.60	K360126	1.60	12.58	1.61	0.05	0.09	

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
39.60	41.20	medium-grained granitic / tonalitic injection with contacts oriented at 40°-45° CA DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Disseminated to semi-massive (10-40%) MG mineralization associated with greenish grey, medium-grained (1-2 mm), deformed and CL+ ferrogabbro; PY forming thin stringers undulating at 20-25° CA; strongly CL+ intervals; U/C oriented at 30° CA; L/C oriented at 65° CA	39.60	41.20	K360127	1.60	36.31	6.69	0.24	0.43
41.20	44.97	I3I; MG <b>Anorthositic gabbro; Medium-grained</b> Same as 13.75-39.60; Tr-5% MG	41.20	42.45	K360128	1.25	10.54	1.45	0.04	0.07
			42.45	43.70	K360129	1.25	9.93	1.56	0.04	0.07
			43.70	44.97	K360130	1.27	12.17	1.68	0.04	0.07
44.97	55.62	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heavily disseminated, semi-massive to massive (15-80%) MG mineralization associated with medium-grained (1-2 mm) altered ferrogabbro; composed of variable amount of iron oxides, SR and CL; Tr amount of disseminated SF; interlayered with <10% massive MG (>80%) layers - magnetitite - varying from 2 to 17 cm; magmatic layering (50° CA) is well defined by variation of iron oxides content; variation of iron oxides content (normal-graded layers) indicates stratigraphic top to the north; the upper contact is sheared (80° CA); moderately fractured at 15°, 30° and 70° CA with CL-PY filling; excellent core recovery; U/C fractured; L/C oriented at 55° CA	44.97	46.22	K360131	1.25	41.47	7.09	0.24	0.43
			46.22	47.47	K360132	1.25	54.05	10.35	0.35	0.62
			47.47	48.72	K360133	1.25	52.62	10.13	0.30	0.54
48.10	48.11	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	48.72	49.97	K360134	1.25	43.49	7.52	0.24	0.43
			49.97	51.22	K360135	1.25	56.98	11.74	0.37	0.66
50.19	50.20	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	51.22	52.47	K360136	1.25	46.81	9.08	0.28	0.50
			52.47	53.72	K360137	1.25	40.97	7.30	0.24	0.43
			53.72	54.97	K360138	1.25	47.87	9.04	0.30	0.54
			54.97	55.62	K360139	0.65	49.06	10.43	0.34	0.61

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
55.62	76.39	I3I; MG <b>Anorthositic gabbro; Medium-grained</b> Fairly homogeneous unit comprises pale grey and dark green with speckled aspect, coarse-grained (5 mm) anorthositic gabbro; composed of 70% pale grey subedral PG cumulates and 30% dark green AM as intergrowth material; very low iron oxides content; Tr of disseminated PY; minor granitic injection forming centimetric wide dykelets; interlayered with few medium-grained, melanocratic gabbro with disseminated (5-10%) MG forming pluricentimetric to decimetric wide layers oriented at 30°-50° CA; moderately fractured (30°, 50° and 70° CA); excellent core recovery; L/C contact is sheared, CL+ and possibly faulted	55.62	56.87	K360140	1.25	15.93	1.50	0.05	0.09
			56.87	58.12	K360141	1.25	18.24	2.18	0.07	0.13
			58.12	59.37	K360142	1.25	12.38	1.60	0.05	0.09
59.37	59.89	VEI;0.07;Qz;;70°;Py03; <b>Vein 0.07 Quartz 70° Pyrite 3%</b> 15% QZ veins (tw 2.5-7 cm) weakly mineralized with PY (3%); up to 5% PY on wallrocks; veins oriented at 40° and 70° CA	59.37	59.92	K360143	0.55	10.65	1.63	0.05	0.09
			59.92	61.17	K360144	1.25	11.30	1.58	0.05	0.09
76.39	83.30	I1D; MG <b>Tonalite; Medium-grained</b> Homogeneous unit; grey, massive, equigranular, medium-grained (1-2 mm) tonalite; composed of subedral whitish PG, anedral QZ and 15-20% finer-grained BO; poorly developed foliation; weakly fractured unit; U/C oriented at 40° CA; L/C oriented at 25° CA								
83.30	90.95	I3H; CU <b>Gabbroic anorthosite; Cumulate</b> Gabbroic anorthosite composed of 80-85% slightly subedral EP+ PG cumulates (5-10 mm) and 15-20% dark green mafic minerals as intercumulate material; low (2-3%) iron oxides content; L/C is irregularly oriented at 30° CA; intersected by pluricentimetric to pluridecimetric wide, medium-grained tonalitic and granitic dykes; lower contact (89.31-90.95) hosts a medium-grained (2 mm) ferrogabbro layers oriented at 40° CA and associated with a disseminated (5-7%) MG content								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
85.00	85.74	I1B; CG <b>Granite; Coarse-grained</b> Pale rose, coarse-grained (0.5-1 cm) granitic dykes; composed of an assemblage of PG, K FP, QZ and BO; well developed graphic texture; fractures oriented at 30° and 40° CA; U/C oriented at 30° CA; L/C oriented at 10° CA	87.20	88.45	K360145	1.25	7.44	0.79	0.02	0.04
87.43	88.02	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dyke; as previously described; U/C oriented at 45° CA; L/C oriented at 55° CA	88.45	89.70	K360146	1.25	12.24	1.43	0.05	0.09
			89.70	90.95	K360147	1.25	16.60	2.16	0.08	0.14
90.95	103.16	DIOL; SMIOL <b>Disseminated iron oxide layer; Semi-massive iron oxide layer</b> Disseminated to semi-massive (10-30%) iron oxides mineralization associated with a medium-grained (3 mm) ferrogabbro; interlayered with 10%, pluricentimetric to decimetric wide, medium-grained gabbro weakly mineralized with MG; magmatic layering oriented at 45° CA; weakly to moderately fractured unit (25° & 35° CA); L/C oriented at 40° CA	90.95	92.20	K360148	1.25	26.15	3.77	0.16	0.29
			92.20	93.45	K360149	1.25	25.62	3.63	0.15	0.27
			93.45	94.70	K360151	1.25	29.28	4.57	0.19	0.34
			94.70	95.95	K360152	1.25	21.86	3.17	0.13	0.23
			95.95	97.20	K360153	1.25	21.70	2.56	0.10	0.18
			97.20	98.45	K360154	1.25	15.81	1.62	0.07	0.13
			98.45	99.70	K360155	1.25	20.57	2.39	0.11	0.20
			99.70	100.95	K360156	1.25	19.52	2.40	0.10	0.18
			100.95	102.20	K360157	1.25	29.97	4.46	0.20	0.36
103.16	105.32	I1D; MG <b>Tonalite; Medium-grained</b> Same as 76.39-83.30; L/C oriented at 60° CA	102.20	103.16	K360158	0.96	27.53	3.74	0.15	0.27
			103.16	104.41	K360159	1.25	4.02	0.35	<0.01	0.00
			104.41	105.66	K360160	1.25	8.87	1.09	0.03	0.05
105.32	127.45	I3I; I3A; CG <b>Anorthositic gabbro; Gabbro; Coarse-grained</b> Heterogeneous unit comprises coarse-grained (5 mm), poorly foliated, gabbro to anorthositic gabbro composed of 60-75% subedral slightly PG cumulate and 25-40% CL+ mafic minerals as intercumulate material; very low MG content; interlayered with <5%, pluridentimetric to decimetric wide, dark green, medium-grained (2 mm), melanocratic gabbro associated with heavily disseminated to semi-massive MG; melanocratic layers are generally oriented at 60° CA; weakly fractured; crosscutted by	105.66	106.91	K360161	1.25	10.59	1.68	0.05	0.09

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
106.53	106.75	few, pluricentimetric to decimetric wide, medium-grained granitic and tonalitic dykes I1B; MG <b>Granite; Medium-grained</b> Medium-grained granitic dyke with sheared contacts oriented at 45° CA	106.91	108.16	K360162	1.25	11.33	1.70	0.06	0.11
107.87	107.91	I1B; MG <b>Granite; Medium-grained</b> Medium-grained granitic dyke with contacts oriented at 50° CA	108.16	109.41	K360163	1.25	16.83	1.27	0.05	0.09
108.53	109.46	MEL I3A; MG <b>Melanocratic gabbro; Medium-grained</b> Medium-grained melanocratic gabbro; 3% iron oxides; 0.5-1% PY; contacts oriented at 40° CA	109.41	110.66	K360164	1.25	20.41	3.22	0.12	0.21
110.34	110.53	APH I3 <b>Aphanitic mafic rock</b> Dark grey aphanitic mafic dyke with contacts oriented at 50° CA	110.66	111.91	K360165	1.25	13.42	1.91	0.07	0.13
111.20	111.32	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalite dyke with contacts oriented at 50° CA								
113.90	114.00	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalitic injection with contacts oriented at 70° CA	123.70	124.95	K360166	1.25	13.28	1.47	0.05	0.09
			124.95	126.20	K360167	1.25	19.16	2.25	0.08	0.14
126.00	126.55	APH I3 <b>Aphanitic mafic rock</b> Aphanitic to very fine-grained mafic dyke; moderately magnetic; Tr amount of MG and PY; U/C oriented at 40° CA; L/C oriented at 50° CA	126.20	127.45	K360168	1.25	19.91	3.26	0.11	0.20
127.45	138.22	DIOL <b>Disseminated iron oxide layer</b> Disseminated to heavily disseminated (10-20%) iron oxides mineralization associated with a medium-grained (3 mm) ferrogabbro; 5-10% pluricentimetric to pluridecimetric (<30 cm) semi-massive MG layers (30-50%) oriented at 45°-50° CA; weakly fractured unit (15°, 25°, 35° et	127.45	128.70	K360169	1.25	23.21	2.37	0.10	0.18
			128.70	129.95	K360170	1.25	20.94	2.83	0.11	0.20

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
40° CA with CL filling)										
129.89	129.91	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	129.95	131.20	K360171	1.25	23.78	3.31	0.13	0.23
			131.20	132.45	K360172	1.25	29.99	4.25	0.19	0.34
			132.45	133.70	K360173	1.25	26.12	3.67	0.16	0.29
			133.70	134.95	K360174	1.25	24.11	3.28	0.14	0.25
			134.95	136.20	K360176	1.25	26.93	3.50	0.14	0.25
			136.20	137.45	K360177	1.25	26.21	3.73	0.15	0.27
			137.45	138.22	K360178	0.77	27.78	4.06	0.17	0.30
137.65	137.70	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 80° CA								
138.22	150.00	I3A; I3I; CU <b>Gabbro; Anorthositic gabbro; Cumulate</b> Fairly heterogeneous unit comprises medium-grained (2-3 mm) gabbro interlayered with anorthositic gabbro forming pluridecimeteric to plurimetric wide layers; well developed cumulate texture with 5-7% MG forming irregular plurimillimetric to centimeteric masses as intercumulate material; intersected by few pluricentimeteric to decimeteric wide, medium-grained tonalitic dykelets; and dark grey, aphanitic, mafic dykes; moderately to weakly fractured	138.22	139.47	K360179	1.25	16.49	1.70	0.07	0.13
			139.47	140.72	K360180	1.25	17.65	2.12	0.08	0.14
			140.72	141.97	K360181	1.25	11.62	1.46	0.05	0.09
141.43	141.48	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 60° and 70° CA								
141.62	141.73	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; contacts oriented at 60° CA								
141.73	142.00	APH I3 <b>Aphanitic mafic rock</b> As previously described; U/C oriented at 60° CA; L/C oriented at 50° CA	141.97	143.22	K360182	1.25	17.54	2.33	0.07	0.13
			143.22	144.47	K360183	1.25	15.94	1.94	0.06	0.11
			144.47	145.72	K360184	1.25	14.47	1.86	0.06	0.11
			145.72	146.97	K360185	1.25	17.08	2.14	0.06	0.11
146.52	146.70	APH I3 <b>Aphanitic mafic rock</b> As previously described; U/C at 60° CA; L/C	146.97	148.22	K360186	1.25	20.24	2.91	0.10	0.18

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
147.33	147.49	oriented at 35° CA MIOL <b>Massive iron oxide layer</b> 75% MG forming pluricentimetric masses; 5% PY	148.22	150.00	K360187	1.78	21.05	3.07	0.12	0.21
149.69	149.87	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; U/C oriented at 50° CA; L/C oriented at 25° CA								
150.00	End of DDH Number of samples: 68 Number of QAQC samples: 3 Total sampled length: 83.93									

# Apella Resources Inc.

**DDH: MA-11-50**

Claims title: CL 5276826

Section:

Township: ISLE DIEU

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P.Geo

From: 2011-05-04

Description date: 2011-05-06

To: 2011-05-06

**Collar**

Azimuth: 210.00°  
 Dip: -50.00°  
 Length: 150.00 m

**UTM**

East	314 810.00
North	5 513 810.00
Elevation	286.19

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; drill site located with SX Blue GPS; presence of water in hole

Core size: NQ core

Cemented: No

Stored: Yes



## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	4.85	OV <b>Overburden</b> 6 m of NW casing left in hole									
4.85	82.00	MG MEL I3A; MAS; MG <b>Magnetite melanocratic gabbro; Massive; Medium-grained</b> Homogeneous unit comprises dark grey to greenish grey, massive, medium-grained (1-2 mm) magnetite melanocratic gabbro; composed of 10-40% PG and 70-80% dark green mafic minerals (AM); Tr of disseminated PY; moderately magnetic unit with disseminated MG content 5-10%; any massive iron oxides layers were observed; interlayered with few (<5%) medium-grained mesocratic gabbro forming pluricentimetric to metric wide layers which wider layers were encountered between 7.35-8.55 (with a 10 cm wide strongly EP+ anorthosite layer oriented at 55° CA; intersected by 0.5-1% CB stringers (<1 cm) mainly oriented at 20°, 30°-35° and 70° CA; weakly fractured unit (35°, 40°, 50° CA); contact with the lower unit is gradational	6.00	7.00	K360703	1.00	22.40	3.44	0.04	0.07	
			7.00	8.50	K360704	1.50	12.88	2.05	0.02	0.04	
			8.50	10.00	K360674	1.50	14.75	2.24	0.02	0.04	
			10.00	11.50	K360676	1.50	19.42	3.01	0.02	0.04	
			11.50	13.00	K360705	1.50	22.95	3.18	0.01	0.02	
			13.00	14.50	K360706	1.50	22.76	2.45	<0.01	0.00	
			14.50	16.00	K360707	1.50	20.31	2.39	<0.01	0.00	
			16.00	17.50	K360708	1.50	16.98	2.03	<0.01	0.00	
			17.50	18.50	K360709	1.00	16.98	1.99	<0.01	0.00	
			18.50	20.00	K360677	1.50	20.41	2.29	0.01	0.02	
			20.00	21.50	K360678	1.50	21.91	2.45	0.01	0.02	
22.62	26.56	SZ <b>Shear zone 40°</b> Pale grey, foliated, fine-grained (1 mm) leucocratic rock interpreted as a shear zone oriented at 40° CA; mainly composed of FP with minor amount of CL: intersected by 1% thin CB stringers oriented at 25°, 40° & 50° CA	28.50	30.00	K360679	1.50	23.01	2.99	0.01	0.02	
			30.00	31.50	K360680	1.50	23.38	2.94	0.01	0.02	
			31.50	33.00	K360681	1.50	22.70	2.67	0.01	0.02	
			33.00	34.50	K360682	1.50	21.51	2.70	0.01	0.02	
			34.50	36.00	K360683	1.50	24.36	3.16	0.01	0.02	
			38.50	40.00	K360684	1.50	19.42	2.18	0.01	0.02	
			40.00	41.50	K360685	1.50	19.91	2.29	0.01	0.02	
			48.50	50.00	K360686	1.50	21.29	3.45	0.01	0.02	
			50.00	51.50	K360687	1.50	20.05	3.48	<0.01	0.00	
			56.00	56.75	K360688	0.75					
56.25	56.70	Py15 <b>Pyrite 15%</b> 5-15% PY over 0.45 m; QZ-CB alteration zone or strongly deformed vein (7 cm)	58.50	60.00	K360689	1.50	19.93	3.21	<0.01	0.00	
			60.00	61.50	K360690	1.50	24.83	4.10	<0.01	0.00	
62.75	67.06	I2; POR <b>Intermediate dyke; Porphyritic</b> Dark grey, porphyritic intermediate dyke; up to	68.50	70.00	K360691	1.50	25.06	4.29	<0.01	0.00	
			70.00	71.50	K360692	1.50	26.62	4.51	<0.01	0.00	

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
73.74	73.76	10% anedral FP phenocrysts (2-4 mm) set in a fine-grained (1 mm) intermediate groundmass; up to 5% PY forming irregular plurimillimetric masses; U/C oriented at 40° CA; L/C oriented at 50° CA with microstockwerk of CB stringers VEI;0.02;Qz Cc;;50°;Py10; <b>Vein 0.02 Quartz Calcite 50° Pyrite 10%</b> QZ-CC vein (2 cm) with up to 10% fine-grained PY on wallrocks; oriented at 50° CA								
77.65	79.30	STR;0.004;Cb;;70°;; <b>Stringer 0.004 Carbonate 70°</b> 2% CB stringers (<4 mm) trending at 70° CA	78.50	80.00	K360693	1.50	23.54	4.32	<0.01	0.00
			80.00	81.50	K360694	1.50	24.31	4.63	0.01	0.02
82.00	150.00	[MG] I3A; MAS; MG <b>Magnetite-bearing gabbro; Massive; Medium-grained</b> Homogeneous, massive, medium-grained (1-2 mm) magnetite-bearing gabbro composed of 30-40% PG, 50-60% ferromagnesian minerals and <5% iron oxides; weakly magnetic unit; Tr of disseminated PY; <1% CB veins(<2 cm) and stringers; weakly fractured unit (35°-40° CA); presence of few QZ-CB forming stringers (<1 cm) oriented at low angle to CA with EP+ on wallrocks								
84.43	84.44	STR;0.01;Cc;;15°;; <b>Stringer 0.01 Calcite 15°</b> CC vein (1cm) oriented at 15° CA	88.50	90.00	K360695	1.50	24.46	4.34	0.01	0.02
			90.00	91.50	K360696	1.50	25.26	4.71	0.01	0.02
			97.50	99.00	K360697	1.50	24.88	5.04	0.01	0.02
			99.00	100.50	K360698	1.50	24.36	4.93	0.02	0.04
100.50	102.43	I2; FG <b>Intermediate dyke; Fine-grained</b> Greenish grey, massive, fine-grained (0.5 mm) intermediate dyke; contacts oriented at 70° CA								
102.66	102.68	VEI;0.02;Cc;;30°;; <b>Vein 0.02 Calcite 30°</b> CC vein (2 cm) oriented at 30° CA	108.50	110.00	K360699	1.50	24.59	5.70	0.01	0.02
			110.00	111.50	K360701	1.50	23.27	4.86	0.01	0.02
			118.50	120.00	K360702	1.50	22.57	4.40	0.01	0.02
			120.00	121.50	K360710	1.50	22.86	4.30	0.01	0.02
			128.50	130.00	K360711	1.50	20.01	3.98	0.01	0.02
			130.00	131.50	K360712	1.50	20.55	3.90	0.01	0.02

## Apella Resources Inc.

Description	Assay							
	From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
	133.55	134.00	K360713	0.45				
	138.50	140.00	K360714	1.50	21.95	4.14	0.02	0.04
	140.00	141.50	K360715	1.50	21.77	4.29	0.02	0.04
	148.50	150.00	K360716	1.50	17.38	2.67	0.02	0.04
150.00    End of DDH Number of samples: 41 Number of QAQC samples: 2 Total sampled length: 58.70								

Apella Resources Inc.

DDH: MA-11-51

Claims title: CL 5275176

Section:

Township: ISLE DIEU

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-05-06

Description date: 2011-05-07

To: 2011-05-07

Collar

UTM

Azimuth: 210.00°  
Dip: -50.00°  
Length: 174.00 m

East	315 600.00
North	5 513 140.00
Elevation	284.67

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	174.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid
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Description

UTM NAD 83 - Zone 18N; drill site located with SX Blue GPS

Core size: NQ core      Cemented: No      Stored: Yes

Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	3.00	OV <b>Overburden</b> 3 m of NW casing left in place									
3.00	19.39	[MG] I3A; MG <b>Magnetite-bearing gabbro; Medium-grained</b> Pale grey to whitish and dark green, weakly foliated (55° CA), medium-grained (2 mm) MG-bearing gabbro; composed of equal amount of PG and dark green CL+ mafic minerals and <10% disseminated MG; weakly EP+; Tr of disseminated PY; weakly fractured (25-30°, 50-60° CA); lower section (15.30-19.39) is finer-grained, deformed and intersected by 5% irregular CB veins (<1 cm) and stringers trending at 50°-60° CA; interlayered with a foliated, strongly deformed, fine-grained, apatite-bearing? leucocratic interval (17.92-18.88); gradational contact with the underlying unit	3.00	4.50	K360717	1.50	14.11	2.12	0.04	0.07	
			4.50	6.00	K360718	1.50	13.72	2.00	0.04	0.07	
			6.00	7.50	K360719	1.50	15.46	2.26	0.04	0.07	
			7.50	9.00	K360720	1.50	14.59	2.13	0.04	0.07	
			9.00	10.50	K360721	1.50	18.17	2.62	0.05	0.09	
			10.50	12.00	K360722	1.50	16.25	2.37	0.05	0.09	
			12.00	13.50	K360723	1.50	15.86	2.36	0.05	0.09	
			13.50	15.00	K360724	1.50	17.64	2.48	0.05	0.09	
			15.00	16.50	K360726	1.50	19.48	2.78	0.06	0.11	
			16.50	18.00	K360727	1.50	20.55	2.99	0.07	0.13	
			18.00	19.39	K360728	1.39	18.23	2.98	0.07	0.13	
19.39	112.97	MG I3A; MG; DIOL <b>Magnetite gabbro; Medium-grained; Disseminated iron oxide layer</b> Homogeneous, pale grey and dark green, weakly foliated (55°-60° CA), medium-grained (3-5 mm) magnetite gabbro; composed of 50% subedral PG, 30-40% CL+ mafic minerals and 10-20% iron oxides as intergrowth material; EP and CL are the alteration product; homogeneous heavily disseminated iron oxides content which increases at depth; few pluricentimetric wide, dark green MG melacocratic layers were locally observed (e.g 33.85-33.92, 34.09-34.13); based on few melanocratic layers observed, magmatic layering is oriented at 60° CA; variation of iron oxides content at 109.15-109.45 (normal-graded layer) indicates a stratigraphic top to the N-NE; Tr of disseminated PY or formig few semi-massive to massive PY stringers with CB oriented at 30°, 50° and 70° CA (33.64, 33.80, 70.36, 70.88); crosscutted by a fine-grained, plurimetric wide, intermediate dyke; weakly fractured unit (10-15° and 40-50° CA) with CL filing; excellent core recovery; RQD >95%; the lower contact (111.13-112.97) with the underlying unit is	19.39	20.89	K360729	1.50	29.56	6.06	0.15	0.27	
			20.89	22.39	K360730	1.50	29.49	6.35	0.16	0.29	
			22.39	23.89	K360731	1.50	28.71	6.09	0.16	0.29	
			23.89	25.39	K360732	1.50	28.77	6.22	0.16	0.29	
			25.39	26.89	K360733	1.50	30.14	6.48	0.17	0.30	
			26.89	28.39	K360734	1.50	28.20	5.98	0.16	0.29	
			28.39	29.89	K360735	1.50	28.90	5.93	0.16	0.29	
			29.89	31.39	K360736	1.50	30.71	5.91	0.16	0.29	
			31.39	32.89	K360737	1.50	33.07	6.39	0.17	0.30	
			32.89	34.39	K360738	1.50	32.71	6.20	0.17	0.30	
			34.39	35.89	K360739	1.50	34.76	6.80	0.19	0.34	
			35.89	37.39	K360740	1.50	35.24	6.85	0.20	0.36	
			37.39	38.89	K360741	1.50	33.17	6.29	0.19	0.34	
			38.89	40.39	K360742	1.50	35.04	6.66	0.20	0.36	
			40.39	41.89	K360743	1.50	32.94	6.29	0.19	0.34	
			41.89	43.39	K360744	1.50	35.16	6.59	0.20	0.36	
			43.39	44.89	K360745	1.50	35.45	6.41	0.20	0.36	
			44.89	46.39	K360746	1.50	35.27	6.71	0.22	0.39	
			46.39	47.89	K360747	1.50	34.88	6.45	0.22	0.39	

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		gradational and shows interlayered, pluridimetric wide, coarse-grained leucocratic EP+ with dark green, melanocratic MG-bearing melanocratic gabbro	47.89	49.39	K360748	1.50	38.15	7.33	0.25	0.45
			49.39	50.19	K360749	0.80	35.77	6.75	0.24	0.43
50.19	53.84	I3; FG	50.19	51.69	K360751	1.50	7.90	0.78	0.02	0.04
		<b>Mafic rock; Fine-grained</b>	51.69	52.69	K360752	1.00	8.09	0.76	0.02	0.04
		Grey, massive, fine-grained (0.25-0.5 mm) mafic sill; presence of altered FP and CL forming anedral phenocrysts (1-2 mm);	52.69	53.84	K360753	1.15	7.51	0.66	0.02	0.04
		Tr-0.5% finely disseminated PY; <1% CB±HM stringers oriented at 20-30°, 40-50°; non magnetic unit; U/C oriented at 38° CA; L/C oriented at 55° CA	53.84	55.34	K360754	1.50	38.93	7.73	0.28	0.50
			55.34	56.84	K360755	1.50	38.49	7.51	0.27	0.48
			56.84	58.34	K360756	1.50	39.86	7.97	0.29	0.52
			58.34	59.58	K360757	1.24	35.00	6.78	0.24	0.43
59.32	59.60	FA	59.58	60.13	K360758	0.55	41.99	7.96	0.27	0.48
		<b>Fold axis 85°</b>								
		Minor fold axis oriented at 85° CA								
59.66	59.70	VEI;0.03;Cc;;45°;Py40;								
		<b>Vein 0.03 Calcite 45° Pyrite 40%</b>								
		PY-CC deformed vein (3 cm) oriented at 45° CA; 40% PY; hosted in a 0.25 m shear zone oriented at 40° CA								
59.96	60.02	VEI;;Qz Cc;;65°;Py30;	60.13	61.63	K360759	1.50	40.75	7.91	0.29	0.52
		<b>Vein Quartz Calcite 65° Pyrite 30%</b>	61.63	63.13	K360760	1.50	36.42	7.11	0.26	0.46
		QZ±CC vein (tw 5 cm) with 30% PY; oriented at 65° CA	63.13	64.63	K360761	1.50	34.90	6.84	0.25	0.45
			64.63	66.13	K360762	1.50	37.21	7.25	0.27	0.48
			66.13	67.63	K360763	1.50	37.08	7.06	0.27	0.48
			67.63	69.13	K360764	1.50	37.97	7.08	0.27	0.48
			69.13	70.63	K360765	1.50	34.81	6.53	0.26	0.46
			70.63	72.13	K360766	1.50	33.64	6.17	0.24	0.43
			72.13	73.63	K360767	1.50	29.46	5.32	0.21	0.37
			73.63	75.13	K360768	1.50	31.98	5.66	0.22	0.39
			75.13	76.63	K360769	1.50	30.50	5.52	0.22	0.39
			76.63	78.13	K360770	1.50	32.00	5.72	0.23	0.41
			78.13	79.63	K360771	1.50	29.33	5.00	0.21	0.37
			79.63	81.13	K360772	1.50	30.33	5.00	0.21	0.37
			81.13	82.63	K360773	1.50	29.09	4.92	0.20	0.36
			82.63	84.13	K360774	1.50	27.38	4.64	0.19	0.34
			84.13	85.63	K360776	1.50	26.84	4.46	0.19	0.34

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
93.10	94.08	SMIOL; MIOL <b>Semi-massive iron oxide layer;</b> <b>Massive iron oxide layer</b> Semi-massive to massive (30-75%) iron oxides mineralization; 1% PY; with strong local EP and CL alteration; U/C is gradational; L/C oriented at 50° CA	85.63	87.13	K360777	1.50	27.10	4.54	0.19	0.34
			87.13	88.63	K360778	1.50	28.29	4.22	0.18	0.32
			88.63	90.13	K360779	1.50	28.94	4.76	0.20	0.36
			90.13	91.63	K360780	1.50	27.31	4.75	0.20	0.36
			91.63	93.13	K360781	1.50	36.71	6.79	0.29	0.52
			93.13	94.63	K360782	1.50	48.51	9.58	0.42	0.75
			94.63	96.13	K360783	1.50	35.37	6.80	0.28	0.50
			96.13	97.63	K360784	1.50	30.50	5.57	0.23	0.41
			97.63	99.13	K360785	1.50	31.75	5.72	0.25	0.45
			99.13	100.63	K360786	1.50	34.57	6.57	0.28	0.50
100.07	107.12	ML <b>Magmatic layering 50°</b> Dark green MG melanocratic layer oriented at 50° CA	100.63	102.13	K360787	1.50	35.06	6.51	0.29	0.52
			102.13	103.63	K360788	1.50	38.41	7.23	0.32	0.57
			103.63	105.13	K360789	1.50	35.16	6.50	0.29	0.52
			105.13	106.63	K360790	1.50	34.23	6.04	0.28	0.50
			106.63	108.13	K360791	1.50	29.80	5.01	0.23	0.41
			108.13	109.63	K360792	1.50	30.49	5.47	0.25	0.45
			109.63	111.13	K360793	1.50	30.58	4.99	0.22	0.39
			111.13	112.13	K360794	1.00	13.54	2.81	0.08	0.14
112.13	112.97	K360795	0.84	17.85	2.80	0.10	0.18			
112.88	112.93	VEI;0.05;Cc;;60°;; <b>Vein 0.05 Calcite 60°</b> CC vein (5 cm) oriented at 60° CA								
112.97	118.62	I3I; VCG; PEG <b>Anorthositic gabbro; Very coarse-grained;</b> <b>Pegmatitic</b> Heterogeneous unit comprises 85% very coarse-grained, pegmatitic anorthositic gabbro composed of 75% subedral PG cumulates (1-2.5 cm) and 20% dark green ferromagnesian minerals and 5% iron oxides as intercumulate material; PG are locally EP+; Tr-1% PY; interlayered with 15% medium-grained (2 mm) gabbro associated with 5-15% iron oxides and forming decimetric to pluridecimetric wide layers oriented at 60°-70° CA; gradational contact with the underlying unit	112.97	114.47	K360796	1.50	13.56	1.88	0.08	0.14
			114.47	115.97	K360797	1.50	15.75	2.45	0.09	0.16
			115.97	117.47	K360798	1.50	16.09	2.59	0.09	0.16
			117.47	118.62	K360799	1.15	13.95	2.68	0.09	0.16

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
118.62	120.76	I3A; MG	118.62	119.62	K360801	1.00	25.09	4.09	0.17	0.30
		<b>Gabbro; Medium-grained</b> Medium to coarse-grained (3-5 mm) gabbro; 5-10% disseminated iron oxides; Tr of PY; L/C oriented at 70° CA	119.62	120.76	K360802	1.14	11.16	0.43	0.02	0.04
120.76	122.14	I3G; MG <b>Anorthosite; Medium-grained</b> Grey, massive, medium-grained (2 mm) anorthosite; <5% mafic minerals; Tr amount of purplish anedral apatite; presence of thin (3 mm) shear zones oriented at 70° CA; L/C oriented at 70° CA								
122.14	125.55	[MG] I3A; MG; CG <b>Magnetite-bearing gabbro; Medium-grained; Coarse-grained</b> Heterogeneous medium to coarse-grained (2-10 mm) gabbro; interlayered with minor amount medium-grained, decimetric wide, leucocratic intervals; PG are locally EP; iron oxide content varying from Tr amount to 10%	124.05	125.55	K360803	1.50	17.12	2.13	0.10	0.18
125.55	146.38	MG I3A; MAS; MG; DIOL	125.55	127.05	K360804	1.50	21.71	3.15	0.15	0.27
		<b>Magnetite gabbro; Massive; Medium-grained; Disseminated iron oxide layer</b> Same as 19.39-112.97; with homogeneous disseminated (10%) iron oxides content; Tr of disseminated PY; based on a semi-massive iron oxides layer intersected between 129.77-129.88, magmatic layering oriented at 60° CA; weakly fractured unit ( 30° & 40° CA); <1% CB stringers (<1 cm) oriented at 25° and 40° mostly observed between (125.55 and 128.00); L/C oriented at 50° CA	127.05	128.55	K360805	1.50	23.37	3.82	0.18	0.32
127.50	127.58	VEI;0.08;Cc Qz;;45°;; <b>Vein 0.08 Calcite Quartz 45°</b> CC-QZ vein (tw 8 cm) oriented at 45° CA	128.55	130.05	K360806	1.50	27.53	4.33	0.21	0.37
			130.05	131.55	K360807	1.50	23.10	3.26	0.16	0.29
			131.55	133.05	K360808	1.50	22.42	3.20	0.16	0.29
			133.05	134.55	K360809	1.50	20.62	2.87	0.14	0.25
			134.55	136.05	K360810	1.50	20.56	2.96	0.15	0.27
			136.05	137.55	K360811	1.50	22.83	3.13	0.16	0.29
			137.55	139.05	K360812	1.50	24.70	3.63	0.18	0.32
			139.05	140.55	K360813	1.50	23.81	3.61	0.18	0.32



## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
145.13	145.45	I2; MAS; APH <b>Intermediate dyke; Massive; Aphanitic</b> Greenish grey, massive, aphanitic intermediate dyke; Tr of disseminated PY; presence of thin CB stringers oriented at 40° CA; U/C oriented 75° CA; L/C oriented at 70° CA	140.55	142.05	K360814	1.50	25.04	3.74	0.19	0.34
			142.05	143.55	K360815	1.50	23.18	3.22	0.16	0.29
			143.55	145.05	K360816	1.50	23.02	3.07	0.16	0.29
			145.05	146.38	K360817	1.33	22.52	3.06	0.15	0.27
146.38	155.36	I3G; MG; CG; PEG <b>Anorthosite; Medium-grained; Coarse-grained; Pegmatitic</b> Pale beige with greenish hue, very medium-grained to pegmatitic anorthosite; composed of >90% subedral PG forming irregular masses and <10% anedral ferromagnesian minerals and anedral purplish apatite as intercumulate material; up to 2% EP; PG are locally microfissured (30° CA) with CL filling; Tr of disseminated PY; intersected by 2 pluricentimetric wide, medium-grained aphanitic dykelets oriented at 50° CA and intersected between 150.61-150.84; few CB veins (1 cm) and stringers oriented at 10°, 35° and 70°; weakly fractured unit; contacts are irregularly oriented	146.38	147.88	K360818	1.50	6.70	0.66	0.03	0.05
146.66	146.80	[MG] I3A; MG <b>Magnetite-bearing gabbro; Medium-grained</b> As previously described; U/C oriented at 70° CA; L/C oriented at 50° CA								
152.67	152.70	SZ <b>Shear zone 20°</b> Shear zone oriented at 20° CA	153.86	155.36	K360819	1.50	5.35	0.49	0.02	0.04
155.36	174.00	MG I3A; MAS; MG; DIOL <b>Magnetite gabbro; Massive; Medium-grained; Disseminated iron oxide layer</b> Same as 125.55-143.38	155.36	156.86	K360820	1.50	22.02	2.80	0.15	0.27
			156.86	158.36	K360821	1.50	22.65	3.07	0.16	0.29
158.24	158.43	I2; MAS; APH	158.36	159.86	K360822	1.50	24.71	3.40	0.18	0.32

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		<b>Intermediate dyke; Massive; Aphanitic</b> Same as 145.13-145.45; EP+; contacts oriented at 40° CA	159.86	161.36	K360823	1.50	20.52	2.66	0.14	0.25
			161.36	162.86	K360824	1.50	23.73	2.99	0.16	0.29
			162.86	164.36	K360826	1.50	26.81	3.86	0.21	0.37
			164.36	165.86	K360827	1.50	23.14	3.12	0.16	0.29
			165.86	167.36	K360828	1.50	21.83	2.95	0.16	0.29
			167.36	168.36	K360829	1.00	23.69	3.33	0.18	0.32
			168.36	169.14	K360830	0.78	23.23	3.39	0.18	0.32
			169.14	170.64	K360831	1.50	21.01	3.21	0.15	0.27
169.31	174.00	CB+; CL+ <b>Carbonatization; Chloritization</b> Alteration zone with CB and CL affecting leucocratic and mesocratic unit; up to 3% CB veins (<2 cm) and stringers associated with strong CL+ of host rock; up to 10% very pale chamois beige, microfissured, anedral (1-2 mm) possible scapolite associated with anedral purplish apatite; original texture is obliterated								
174.00	End of DDH Number of samples: 110 Number of QAQC samples: 5 Total sampled length: 158.37									

# Apella Resources Inc.

**DDH: MA-11-52**

Claims title: CL 5275809

Section:

Township: ISLE DIEU

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-05-08

Description date: 2011-05-09

To: 2011-05-09

**Collar**

Azimuth: 210.00°  
 Dip: -50.00°  
 Length: 147.00 m

**UTM**

East	316 700.00
North	5 512 400.00
Elevation	275.25

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	147.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; drill site located with SX Blue GPS

Core size: NQ core

Cemented: No

Stored: Yes

## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	5.28	OV Overburden 6 m of NW casing left in place; bedrock intersected at 12'									
5.28	60.48	MG I3A; MG; DIOL <b>Magnetite gabbro; Medium-grained; Disseminated iron oxide layer</b> Homogeneous, pale grey and dark green, weakly foliated (55°-60° CA), medium-grained (2-5 mm) magnetite gabbro; composed of 40-50% subedral PG, 30-40% CL+ mafic minerals and 10-15% iron oxides as intergrowth material; homogeneous heavily disseminated iron oxides; variation from semi-massive to disseminated of iron oxides at 58.00-58.53 (normal graded layer) indicates stratigraphic top to the N-NE; few pluridecimeter wide, semi-massive (30-50%) iron oxides layers were observed (25.48-25.64 & 58.23-58.58); Tr of disseminated PY; intersected by few CC stringers oriented at 25°, 45°; crosscutted by a fine-grained, decimeter wide, intermediate dyke; weakly fractured unit (20°, 30° & 40-45°CA); CL-CB-EP alteration associated with fractures oriented at 20° and 30° CA; excellent core recovery; RQD >90%; gradational contact from a mesocratic to a melanocratic unit	5.28	6.30	K360832	1.02	33.55	6.36	0.14	0.25	
			6.30	7.80	K360833	1.50	32.39	6.54	0.15	0.27	
			7.80	9.30	K360834	1.50	32.99	7.59	0.18	0.32	
			9.30	10.80	K360835	1.50	32.01	7.21	0.19	0.34	
			10.80	12.30	K360836	1.50	32.42	6.80	0.18	0.32	
			12.30	13.80	K360837	1.50	35.58	6.77	0.19	0.34	
			13.80	15.30	K360838	1.50	37.28	7.05	0.21	0.37	
			15.30	16.80	K360839	1.50	34.91	6.84	0.19	0.34	
			16.80	18.30	K360840	1.50	37.22	7.14	0.21	0.37	
			18.30	19.80	K360841	1.50	36.28	7.05	0.22	0.39	
			19.80	21.30	K360842	1.50	37.84	7.33	0.24	0.43	
			21.30	22.80	K360843	1.50	41.54	8.19	0.28	0.50	
			22.80	24.30	K360844	1.50	40.87	8.18	0.28	0.50	
			24.30	25.80	K360845	1.50	40.61	8.06	0.29	0.52	
			25.80	27.30	K360846	1.50	40.53	7.96	0.29	0.52	
			27.30	28.80	K360847	1.50	37.92	7.65	0.28	0.50	
			28.80	30.30	K360848	1.50	40.01	7.88	0.30	0.54	
			30.30	31.80	K360849	1.50	37.51	7.16	0.27	0.48	
			31.80	33.30	K360851	1.50	36.13	6.88	0.26	0.46	
			33.30	34.80	K360852	1.50	33.42	6.34	0.24	0.43	
			34.80	36.30	K360853	1.50	32.58	5.90	0.23	0.41	
			36.30	37.80	K360854	1.50	30.52	5.49	0.22	0.39	
			37.80	39.30	K360855	1.50	29.84	5.07	0.21	0.37	
			39.30	40.80	K360856	1.50	29.99	4.92	0.20	0.36	
			40.80	42.30	K360857	1.50	27.85	4.71	0.20	0.36	
			42.30	43.80	K360858	1.50	27.23	4.25	0.18	0.32	
			43.80	45.30	K360859	1.50	26.39	4.24	0.18	0.32	
			45.30	46.80	K360860	1.50	28.16	4.17	0.18	0.32	
			46.80	48.30	K360861	1.50	26.93	4.26	0.19	0.34	
			48.30	49.80	K360862	1.50	30.46	5.30	0.23	0.41	

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
48.78	48.88	I2; APH <b>Intermediate dyke; Aphanitic</b> Dark grey to greenish grey, aphanitic intermediate dyke; sharp contacts oriented at 50° CA	49.80	51.30	K360863	1.50	46.46	9.18	0.41	0.73
			51.30	52.80	K360864	1.50	37.69	7.14	0.32	0.57
			52.80	54.30	K360865	1.50	38.42	7.32	0.31	0.55
			54.30	55.80	K360866	1.50	38.83	7.22	0.31	0.55
			55.80	57.30	K360867	1.50	39.02	7.20	0.32	0.57
			57.30	58.80	K360868	1.50	38.14	7.14	0.31	0.55
58.23	58.58	SMIOL <b>Semi-massive iron oxide layer</b> 40-50% vanadiferous MG; lower contact is sheared								
58.57	58.61	SZ <b>Shear zone 40°</b> Minor shear zone oriented 40° CA	58.80	60.48	K360869	1.68	37.71	6.94	0.32	0.57
60.48	112.79	MG I3A; I3I; I3G; MG; CG <b>Magnetite gabbro; Anorthositic gabbro; Anorthosite; Medium-grained; Coarse-grained</b> Heterogeneous unit comprises 95% medium-grained (3 mm) magnetite gabbro weakly mineralized (5-10%) iron oxides; interlayered with 5% coarse-grained (5-10 mm) leucocratic (anorthositic gabbro-anorthosite), pluricentimetric to pluridecimeter wide layers, oriented at 40°-50° CA; few pluricentimetric wide, semi-massive to massive (40-75%) iron oxides layers oriented at 40°-60° CA were locally observed (98.60-98.63, 99.93-99.96, 100.25-100.28, 106.20-106.28, 107.06-107.12 & 107.18-107.27); <1% CB stringers (<1 cm) oriented at 30° CA; weakly fractured unit (20° and 40° CA); L/C is gradational with the underlying unit	60.48	61.98	K360870	1.50	13.72	2.25	0.09	0.16
			61.98	63.48	K360871	1.50	21.98	3.52	0.18	0.32
62.09	62.56	I2; APH <b>Intermediate dyke; Aphanitic</b> As previously described; U/C is EP+, weakly PY+ (2-3%) and oriented at 10° CA; L/C oriented at 60° CA	63.48	64.98	K360872	1.50	25.67	4.15	0.19	0.34
			64.98	66.48	K360873	1.50	18.13	2.44	0.10	0.18
			66.48	67.98	K360874	1.50	18.57	2.48	0.11	0.20
79.06	79.74	I2; FG <b>Intermediate dyke; Fine-grained</b> Greenish grey, massive, fine-grained (0.5-1 mm) intermediate dyke; U/C is irregularly	95.25	96.75	K360876	1.50	23.83	3.59	0.18	0.32
			96.75	98.25	K360877	1.50	25.46	3.92	0.20	0.36
			98.25	99.75	K360878	1.50	21.47	3.30	0.16	0.29

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		oriented; L/C oriented at 40° CA	99.75	101.25	K360879	1.50	26.45	4.04	0.21	0.37
			101.25	102.75	K360880	1.50	14.68	2.13	0.10	0.18
			102.75	104.25	K360881	1.50	28.13	4.06	0.22	0.39
			104.25	105.75	K360882	1.50	26.36	3.90	0.21	0.37
			105.75	107.25	K360883	1.50	26.84	4.41	0.22	0.39
			107.25	108.75	K360884	1.50	26.78	3.98	0.22	0.39
			108.75	110.25	K360885	1.50	26.95	4.07	0.22	0.39
			110.25	111.75	K360886	1.50	19.78	2.93	0.15	0.27
112.79	126.75	I3A; I3H; I3G; MG <b>Gabbro; Gabbroic anorthosite; Anorthosite; Medium-grained</b> Heterogeneous mesocratic and leucocratic units which consist of 65% medium-grained (1-2 mm) weakly foliated (60° CA) gabbro, 15% greenish beige, medium-grained, anorthosite layers; and 25% medium-grained (1-2 mm) gabbroic anorthosite; very low iron oxides content; shear zones oriented at 55° CA; few QZ veins (2-8 cm) oriented at 80° were observed; weakly fractured								
126.75	132.31	I3A; SHR <b>Gabbro; Sheared</b> Medium grey to dark green, thinly foliated (20°-30° CA), strongly deformed, sheared mafic rock; alteration with CL and possible TC/SR; 5% injected by deformed CC veins (<1 cm) and stringers; moderately magnetic with 5% MG; Tr of disseminated PY-PO±CP	126.75	127.75	K360887	1.00	27.14	1.04	0.07	0.13
			127.75	128.75	K360888	1.00	26.47	0.43	0.03	0.05
			128.75	129.75	K360889	1.00	28.03	0.58	0.03	0.05
			129.75	130.75	K360890	1.00	25.37	0.67	0.03	0.05
132.31	135.16	I3A; MG <b>Gabbro; Medium-grained</b> Medium-grained (2 mm), weakly foliated (40° CA) gabbro; deformed; absence of iron oxides								
135.16	138.08	I3A; SHR <b>Gabbro; Sheared</b> Same as 126.75-132.31; moderately to strongly deformed; foliation varying from 30° to 50° CA								
138.08	147.00	I3A; MG <b>Gabbro; Medium-grained</b> Medium-grained (2 mm), weakly foliated (25°-40° CA) gabbro; deformed; absence of iron oxides;								

# Apella Resources Inc.

Description	Assay							
	From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
intersected by 2 decimetric to metric wide, grey, porphyritic intermediate dykes intersected at 142.21-142.40 & 143.92-144.84; interlayered with a CL+, MG-bearing melanocratic deformed gabbro encountered between 145.66-146.51								
147.00    End of DDH Number of samples: 57 Number of QAQC samples: 2 Total sampled length: 83.20								





# Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	20.80	OV <b>Overburden</b> 21 m of NW casing left in place									
20.80	71.27	MG I3A; MAS; MG <b>Magnetite gabbro; Massive; Medium-grained</b> Fairly homogeneous unit comprises dark grey to greenish grey, massive, medium-grained (1-2 mm) magnetite melanocratic to mesocratic gabbro; composed of 20-40% PG and 50-70% dark green mafic minerals (AM); moderately magnetic unit with disseminated to heavily disseminated iron oxides content (5-15%); Tr of disseminated PY; locally deformed; any massive iron oxides layers were encountered; intersected by few pluricentimetric wide (<2 cm) CB veins and stringers locally and weakly mineralized with SF; weakly fractured unit (30°, 40 and 50° CA)	20.80	22.30	K360891	1.50	22.31	3.54	0.07	0.13	
21.51	21.54	VEI;0.02;Cc;;25°; <b>Vein 0.02 Calcite 25°</b> CC vein (2 cm) oriented at 25° CA	22.30	23.80	K360892	1.50	23.91	3.75	0.08	0.14	
			23.80	25.30	K360893	1.50	28.53	4.90	0.10	0.18	
			25.30	26.80	K360894	1.50	25.47	4.40	0.09	0.16	
26.24	26.70	VEI;;Cc;;;; <b>Vein Calcite</b> 10% deformed CC veins (<1 cm) and stringers oriented at 40° and 60° CA	26.80	28.30	K360895	1.50	27.29	4.92	0.10	0.18	
			28.30	29.80	K360896	1.50	31.35	5.99	0.13	0.23	
			29.80	31.30	K360897	1.50	31.19	6.71	0.17	0.30	
			31.30	32.80	K360898	1.50	30.73	6.42	0.17	0.30	
			32.80	34.30	K360899	1.50	33.48	6.57	0.18	0.32	
			34.30	35.80	K360901	1.50	34.18	6.73	0.19	0.34	
			35.80	37.30	K360902	1.50	35.04	6.99	0.20	0.36	
			37.30	38.80	K360903	1.50	34.75	6.71	0.21	0.37	
			38.80	40.30	K360904	1.50	37.17	7.37	0.24	0.43	
			40.30	41.80	K360905	1.50	37.53	7.56	0.26	0.46	
40.35	40.42	VEI;0.01;Cc;;25°; <b>Vein 0.01 Calcite 25°</b> CC vein (1 cm) and stringers oriented at 25° CA	41.80	43.30	K360906	1.50	38.01	7.62	0.25	0.45	
			43.30	44.80	K360907	1.50	39.56	8.07	0.28	0.50	
			44.80	46.30	K360908	1.50	38.81	7.83	0.28	0.50	
			46.30	47.80	K360909	1.50	33.43	6.67	0.24	0.43	
46.35	48.60	DZ <b>Deformation zone 10°</b>	47.80	49.30	K360910	1.50	35.33	7.04	0.26	0.46	
			49.30	50.80	K360911	1.50	33.28	6.57	0.24	0.43	

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		Deformation zone (fold) with foliation oriented at 10° CA; crosscutted by deformed CB-PY (up to 10%) veins (<1 cm) and stringers oriented along S1; moderately CL+	50.80	52.30	K360912	1.50	33.02	6.10	0.25	0.45
			52.30	53.80	K360913	1.50	31.27	5.87	0.23	0.41
			53.80	55.30	K360914	1.50	32.01	5.83	0.24	0.43
			55.30	56.80	K360915	1.50	31.08	5.51	0.23	0.41
			56.80	58.30	K360916	1.50	30.07	5.32	0.22	0.39
			58.30	59.80	K360917	1.50	29.92	5.09	0.21	0.37
			59.80	61.30	K360918	1.50	28.41	5.02	0.21	0.37
			61.30	62.80	K360919	1.50	35.69	6.63	0.28	0.50
62.05	62.37	STR;;Cc;;70°;Py; <b>Stringer Calcite 70° Pyrite</b> 5% CB veins (<2 cm) and PY stringers oriented at 70° CA	62.80	64.30	K360920	1.50	34.01	6.51	0.27	0.48
63.90	63.92	VEI;0.02;Cc Ep;;55°;Py Po; <b>Vein 0.02 Calcite Épidote 55° Pyrite Pyrrhotine</b> CB-EP vein (2 cm) oriented at 55° CA; Tr amount of PY and PO	64.30	65.80	K360921	1.50	27.62	5.02	0.20	0.36
			65.80	67.30	K360922	1.50	30.61	5.26	0.23	0.41
			67.30	68.80	K360923	1.50	23.15	3.83	0.16	0.29
			68.80	70.30	K360924	1.50	23.70	3.59	0.16	0.29
			70.30	71.80	K360926	1.50	23.59	4.02	0.18	0.32
71.27	139.20	MG I3A; MG; [MG] I3A; CG <b>Magnetite gabbro; Medium-grained; Magnetite-bearing gabbro; Coarse-grained</b> Heterogeneous unit comprises 60%, massive, medium-grained magnetite gabbro associated with homogeneous heavily disseminated (10-20%) MG; interlayered with 40%, pluridimetric to metric wide, coarse-grained (5-10 mm) gabbro characterized by a lower iron oxides content (5-10%) and medium to coarse-grained (2-5 mm) leucocratic units (gabbroic anorthosite & anorthosite) becoming more abundant after 127.29; weakly developed foliation; locally sheared and injected by CB stringers; weakly fractured unit (20°, 30°, 50°)	71.80	73.30	K360927	1.50	16.01	2.34	0.10	0.18
			73.30	74.80	K360928	1.50	16.81	2.05	0.09	0.16
			74.80	76.30	K360929	1.50	20.05	3.17	0.14	0.25
			76.30	77.80	K360930	1.50	21.57	3.11	0.15	0.27
			77.80	79.30	K360931	1.50	20.44	2.90	0.13	0.23
			79.30	80.80	K360932	1.50	20.84	2.91	0.13	0.23
			80.80	82.30	K360933	1.50	21.34	3.03	0.14	0.25
			82.30	83.80	K360934	1.50	19.89	2.89	0.14	0.25
82.79	83.61	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA; 5% deformed CC stringers; CL+	83.80	85.30	K360935	1.50	21.51	3.06	0.15	0.27
			85.30	86.80	K360936	1.50	19.57	2.46	0.12	0.21
			86.80	88.30	K360937	1.50	24.40	3.40	0.17	0.30
			88.30	89.80	K360938	1.50	25.20	3.94	0.20	0.36
			89.80	91.30	K360939	1.50	21.99	2.79	0.15	0.27

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
91.92	92.04	SZ <b>Shear zone 25°</b> Shear zone oriented at 25° CA; alteration with CL and EP; with CB stringer	91.30	92.80	K360940	1.50	35.93	5.94	0.30	0.54
			92.80	94.30	K360941	1.50	29.89	4.68	0.24	0.43
			94.30	95.80	K360942	1.50	24.49	3.43	0.18	0.32
			95.80	97.30	K360943	1.50	34.75	5.64	0.30	0.54
			97.30	98.80	K360944	1.50	22.21	2.82	0.15	0.27
			98.80	100.30	K360945	1.50	35.54	5.58	0.30	0.54
			100.30	101.80	K360946	1.50	31.52	4.82	0.26	0.46
101.24	101.28	SZ <b>Shear zone 25°</b> Shear zone oriented at 25° CA; alteration with CL and EP; with CB stringer	101.80	103.30	K360947	1.50	24.91	3.46	0.18	0.32
102.43	102.58	I2; APH <b>Intermediate dyke; Aphanitic</b> Dark greenish grey, massive, aphanitic intermediate dyke; sharp contacts; U/C oriented at 20° CA; L/C oriented at 30° CA	103.30	104.80	K360948	1.50	19.83	2.34	0.13	0.23
104.28	106.88	SZ <b>Shear zone 55°</b> Shear zone with foliation varying from 55° to 60° CA; 3% CB veins and stringers oriented at 55° and 70° CA; Tr-1% disseminated PY	104.80	106.30	K360949	1.50	24.97	3.82	0.20	0.36
			106.30	106.75	K360951	0.45	16.04	2.64	0.13	0.23
106.42	106.59	VEI;;Qz;;70°;Py01; <b>Vein Quartz 70° Pyrite 1%</b> QZ vein (17 cm) with 1% PY; oriented at 70° CA; 3% fine-grained PY on wallrocks	106.75	108.25	K360952	1.50	21.83	3.38	0.18	0.32
			108.25	109.75	K360953	1.50	15.47	2.37	0.11	0.20
			109.75	111.25	K360954	1.50	27.05	4.21	0.22	0.39
110.23	110.25	VEI;0.02;;;80°;Py95 Cp01; <b>Vein 0.02 80° Pyrite 95% Chalcopyrite 1%</b> Massive PY±CP vein (2 cm) oriented at 80° CA; up to 15% PY forming centimetric masses on upper wallrock	111.25	112.75	K360955	1.50	27.21	4.36	0.23	0.41
			112.75	114.25	K360956	1.50	22.61	3.66	0.19	0.34
			114.25	115.75	K360957	1.50	10.98	1.52	0.10	0.18
			115.75	117.25	K360958	1.50	28.76	4.78	0.24	0.43
			117.25	118.75	K360959	1.50	28.13	4.31	0.21	0.37
117.47	119.70	SZ <b>Shear zone 60°</b> Slightly sheared (60° CA) magnetite gabbro; 2-3% deformed CB veins (<1 cm) and stringers; massive PY stringer (5-10 mm) oriented at 70° CA (opposite to S1)	118.75	120.25	K360960	1.50	24.13	4.23	0.17	0.30
			120.25	121.75	K360961	1.50	29.14	4.45	0.23	0.41
			121.75	123.25	K360962	1.50	36.69	5.92	0.32	0.57
			123.25	124.75	K360963	1.50	31.34	4.73	0.25	0.45
			124.75	126.25	K360964	1.50	30.95	5.01	0.25	0.45
			126.25	127.75	K360965	1.50	23.14	3.77	0.20	0.36

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
127.71	127.76	EP+; Sil <b>Epidotization; Silicification</b> SI+ and EP+ alteration zone; oriented at 40° CA	127.75	129.25	K360966	1.50	22.20	3.38	0.18	0.32
			129.25	130.75	K360967	1.50	17.04	2.78	0.14	0.25
			130.75	132.25	K360968	1.50	28.06	4.41	0.24	0.43
135.24	135.57	EP+; Sil <b>Epidotization; Silicification</b> 3 centimetric to pluricentimetric wide alteration zones with EP and SI; trending at 40° CA								
135.75	135.76	VEI;0.01;0.01°;Py95; <b>Vein 0.01 0.01° Pyrite 95%</b> Massive PY vein (1 cm) oriented at 70° CA; 15% PY on wallrock								
139.20	150.00	I3G; MG <b>Anorthosite; Medium-grained</b> Heterogeneous unit comprises 60% medium-grained anorthosite; interlayered with 40% decimetric to pluridecimetric, medium-grained, weakly to strongly CB+, associated with pale beige alteration product of PG (possible scapolite); sub-layers associated with 5-10% disseminated PY (e.g. 139.35-139.77, 141.40-141.52, 142.04-142.63, 144.68-145.59; crosscutted by centimetric to pluricentimetric wide, QZ±CB veins locally mineralized with PY; lower section is strongly deformed, sheared with argillitic and CL alteration	139.20	139.95	K360969	0.75				
139.29	139.83	VEI;0.05;Qz Cc;70°;Py; <b>Vein 0.05 Quartz Calcite 70° Pyrite</b> 4 QZ±CC vein (1-5 cm) oriented at 70° CA; Tr-5% PY; up to 10% PY on wallrocks	142.00	142.60	K360970	0.60				
142.08	142.14	VEI;0.02;Qz Cc;40°;Py20 Cp; <b>Vein 0.02 Quartz Calcite 40° Pyrite</b> <b>20% Chalcopyrite</b> QZ-CC vein (2 cm) oriented at 40° CA; 20% PY±CP								
142.49	142.50	VEI;0.01;Cc;50°;Py30; <b>Vein 0.01 Calcite 50° Pyrite 30%</b> CC vein (1 cm) associated with 30% PY; oriented at 50° CA	146.50	147.30	K360971	0.80				
146.59	146.66	VEI;0.05;Qz;; <b>Vein 0.05 Quartz</b>								

## Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
146.87	146.91	147.30	148.00	K360972	0.70				
147.76	147.84								
148.44	150.00								
150.00	End of DDH Number of samples: 79 Number of QAQC samples: 3 Total sampled length: 114.30								

## Apella Resources Inc.

<b>DDH:</b> MA-11-54	Claims title: CL 5275981	Section:
	Township: COMPORTE	Level:
	Range:	Work place: Matagami
Drilled by: Chibougamau Diamond Drilling Ltd	Lot:	
Described by: R. Moar, P. Geo	From: 2011-05-11	Description date: 2011-05-12
	To: 2011-05-12	

**Collar**

Azimuth: 210.00°  
 Dip: -50.00°  
 Length: 150.00 m

UTM

East	318 600.00
North	5 511 020.00
Elevation	268.01

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid
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**Description**

UTM NAD 83 - Zone 18N; drill site located with SX Blue GPS

Core size: NQ core	Cemented: No	Stored: Yes
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## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	9.00	OV Overburden 9 m of NW casing left in place									
9.00	46.10	MG MEL I3A; MAS; MG; DIOL <b>Magnetite melanocratic gabbro; Massive; Medium-grained; Disseminated iron oxide layer</b> Homogeneous unit comprises, dark greenish grey, fairly massive with weakly developed foliation (60° CA), medium-grained (2 mm) magnetite melanocratic gabbro; composed of 30% subedral PG, 60% CL+ mafic minerals and disseminated to heavily disseminated (10-20%) iron oxides as intergrowth material; strongly magnetic; Tr of disseminated PY; any massive iron oxides layers were encountered; intersected by <1-5% CC stringers oriented at 50°-60° CA; weakly fractured unit (10-15° and 30° and CA); excellent core recovery; RQD >90%; the lower section (39.61-46.10) is coarser-grained and mesocratic	9.48	10.30	K360973	0.82	34.13	6.50	0.20	0.36	
			10.30	11.80	K360974	1.50	34.05	6.60	0.21	0.37	
			11.80	13.30	K360976	1.50	37.20	7.45	0.24	0.43	
			13.30	14.80	K360977	1.50	37.55	7.68	0.25	0.45	
			14.80	16.30	K360978	1.50	37.15	7.45	0.25	0.45	
			16.30	17.80	K360979	1.50	35.41	7.46	0.25	0.45	
			17.80	19.30	K360980	1.50	39.97	8.18	0.28	0.50	
			19.30	20.80	K360981	1.50	38.36	7.60	0.28	0.50	
			20.80	22.30	K360982	1.50	38.40	7.62	0.28	0.50	
			22.30	23.80	K360983	1.50	39.43	7.75	0.29	0.52	
			23.80	25.30	K360984	1.50	35.82	6.84	0.26	0.46	
			25.30	26.80	K360985	1.50	33.83	6.32	0.25	0.45	
			26.80	28.30	K360986	1.50	30.73	5.61	0.22	0.39	
			28.30	29.80	K360987	1.50	30.74	5.47	0.21	0.37	
			29.80	31.30	K360988	1.50	31.69	5.63	0.23	0.41	
			31.30	32.80	K360989	1.50	31.07	5.52	0.23	0.41	
			32.80	34.30	K360990	1.50	30.13	5.23	0.22	0.39	
			34.30	35.80	K360991	1.50	29.42	5.26	0.22	0.39	
			35.80	37.30	K360992	1.50	28.04	5.00	0.21	0.37	
			37.30	38.55	K360993	1.25	37.25	6.95	0.29	0.52	
			38.55	39.16	K360994	0.61	31.12	5.74	0.24	0.43	
			39.16	39.61	K360995	0.45	23.37	3.45	0.14	0.25	
39.30	39.38	VEI;0.06;Cc;;70°;; <b>Vein 0.06 Calcite 70°</b> CC vein (6 cm) oriented at 70° CA; 3% PY on uper wallrock									
39.38	39.48	VEI;0.1;Qz;;70°;Py20; <b>Vein 0.1 Quartz 70° Pyrite 20%</b> QZ vein (10 cm) oriented at 70° CA; 20% PY forming centimetric to pluricentimetric masses									
39.48	39.49	VEI;0.01;Cc;;70°;Py; <b>Vein 0.01 Calcite 70° Pyrite</b>	39.61	41.11	K360996	1.50	29.31	5.32	0.23	0.41	
			41.11	42.61	K360997	1.50	27.96	4.93	0.20	0.36	

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
		CC vein (1 cm) with Tr amount of PY; oriented at 70° CA; 2% PY on lower wallrock	42.61	44.11	K360998	1.50	27.67	4.67	0.19	0.34
			44.11	45.61	K360999	1.50	29.96	5.31	0.23	0.41
			45.61	47.11	K361001	1.50	22.23	3.59	0.16	0.29
46.10	61.51	MG I3A; MG; SHR	47.11	48.61	K361002	1.50	18.66	2.35	0.10	0.18
		<b>Magnetite gabbro; Medium-grained; Sheared</b>	48.61	50.11	K361003	1.50	24.75	2.83	0.15	0.27
		Greenish grey, medium-grained (2 mm), moderately to well foliated (60° CA), deformed and sheared magnetite gabbro associated with a disseminated iron oxides content (5-10%); moderately to strongly CB+; injected by 5-7% CC veins (<2.5 cm) and stringers oriented at 60° and 30° CA; Tr-1% PY	50.11	51.61	K361004	1.50	24.77	3.55	0.16	0.29
61.51	135.72	MG I3A; MG; I3G; I3H; I3I; MG <b>Magnetite gabbro; Medium-grained; Anorthosite; Gabbroic anorthosite; Anorthositic gabbro; Medium-grained</b> Heterogeneous unit comprises 80% medium-grained magnetite gabbro associated with a disseminated (<10%) iron oxides content; and 20% medium to coarse-grained leucocratic units (anorthosite-anorthositic gabbro), forming pluricentimetric to plurimetric wide layers; contacts are gradationnal or sharp and oriented at 60-70° CA; leucocratic units are locally weakly EP+ (95.88-97.59 & 101.42-101.67 & 101.96-102.10) and injected by <1% QZ±CB±PY stringers oriented at 40°, 60° and 80° CA; locally deformed (92.59-95.80); overall weakly fractured unit (30°, 40°, 60° CA); crosscutted by pluridecimetric wide, porphyritic intermediate dykes; presence of plurimillimetric shear zones oriented at 35-40° CA and 60° CA; excellent core recovery; L/C oriented at 55° CA								
77.75	79.72	SZ <b>Shear zone 40°</b> Deformation / shear zone oriented at 40° CA; CL+ and CB+; 0.5-10% PY								
85.91	86.73	I2; VFG <b>Intermediate dyke; Very fine-grained</b> Greenish grey, massive, very fine-grained (0.25 mm) intermediate dyke; fractures oriented at 10-20° and 40-50° CA with CB and reddish								



## Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
99.90	100.51	brown HM+ in fractures; contacts are sharp; U/C undulating from 70° to 90° CA; L/C undulating from 50° to 70° AC VEI;0.1;Qz Cc;;75°;; <b>Vein 0.1 Quartz Calcite 75°</b> 50% QZ and/or CB veins (<10 cm) and stringers oriented at 75° CA; hosted in strongly CL+ shear zone								
102.13	102.14	VEI;0.01;Cc;;15°;; <b>Vein 0.01 Calcite 15°</b> CC vein (1 cm) oriented at 15° CA								
103.87	105.95	SZ <b>Shear zone 60°</b> Strongly CL+ shear zone affecting mafic unit; oriented at 60° CA; <1% PY forming plurimillimetric to centimetric masses; weakly to moderately CB+; upt o 10% MG	106.00	107.50	K361005	1.50	26.77	4.26	0.21	0.37
106.25	113.50	MG MEL I3A; MG; DIOL	107.50	109.00	K361006	1.50	26.96	4.31	0.21	0.37
		<b>Magnetite melanocratic gabbro;</b>	109.00	110.50	K361007	1.50	18.33	2.11	0.11	0.20
		<b>Medium-grained; Disseminated iron oxide layer</b>	110.50	112.00	K361008	1.50	25.48	3.88	0.19	0.34
		Dark greenish grey, medium-grained melanocratic gabbro associated with 5-10% MG	112.00	113.50	K361009	1.50	27.38	3.92	0.21	0.37
113.50	117.06	I2; POR	113.50	115.00	K361010	1.50	5.67	0.49	0.01	0.02
		<b>Intermediate dyke; Porphyritic</b> Greenish grey, porphyritic intermediate dyke; composed of 10% svedral whitish PG phenocrysts (1-2 mm) set in a very fine-grained intermediate groudmass; Tr of PY; non magnetic unit; <1% QZ stringers (<1 cm) oriented at 40° CA and locally mineralized with CP (106.77); U/C oriented at 70° CA; L/C oriented at 25° CA	117.00	118.50	K361011	1.50	27.61	4.19	0.22	0.39
117.06	121.71	MG MEL I3A; MG; DIOL	118.50	120.00	K361012	1.50	23.69	3.34	0.18	0.32
		<b>Magnetite melanocratic gabbro;</b>	120.00	121.50	K361013	1.50	24.31	3.81	0.20	0.36
		<b>Medium-grained; Disseminated iron oxide layer</b>	121.50	123.00	K361014	1.50	17.77	2.52	0.14	0.25
		Same as 106.25-113.50; with few pluricentimetric wide leucocratic layers oriented	123.00	124.50	K361015	1.50	14.72	2.19	0.12	0.21

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
124.14	125.89	at 60° CA MG I3A; MG; DIOL <b>Magnetite gabbro; Medium-grained; Disseminated iron oxide layer</b> Medium-grained magnetite gabbro; 5-10% iron oxides	124.50	126.00	K361016	1.50	35.72	5.47	0.31	0.55
			126.00	127.50	K361017	1.50	17.10	2.20	0.12	0.21
132.27	133.22	SZ; FZ <b>Shear zone; Fault zone</b> Shear zone with contorted foliation trending at 60° CA; minor faulted intervals with brecciated aspect								
135.72	150.00	I3G; MG <b>Anorthosite; Medium-grained</b> Heterogeneous unit comprises >90% beige to greenish beige, fairly massive, medium-grained (5 mm) leucocratic unit varying from an anorthosite to a gabbroic anorthosite; <10% finer-grained, weakly foliated (50-60° CA), locally sheared and CB+, gabbroic interlayers varying from 0.17 to 0.54 m and associated with a very low iron oxides content; weakly fractured unit (25° & 40° CA)	140.79	141.19	K361018	0.40				
140.86	141.05	VEI;0.18;Qz Cc;;80°;; <b>Vein 0.18 Quartz Calcite 80°</b> QZ-CB vein (0.18 m along CA); with strong argillic alteration on wallrock; presence of apple-green and white, soft phyllosilicates; lower wallrock is strongly altered with crumbly aspect; absence of visible SF								
141.23	143.26	VEI;0.03;Cc;;80°;; <b>Vein 0.03 Calcite 80°</b> Whitish to pale rose CC vein (3 cm) oriented at 80° CA								
147.84	147.86	VEI;0.02;Cc;;60°;; <b>Vein 0.02 Calcite 60°</b> CC vein (2 cm) oriented at 60° CA								
150.00	End of DDH Number of samples: 44 Number of QAQC samples: 2 Total sampled length: 62.03									

# Apella Resources Inc.

**DDH: MA-11-55**

Claims title: CDC 2195490

Section:

Township: COMPORTE

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-05-12

Description date: 2011-05-14

To: 2011-05-13

**Collar**

Azimuth: 210.00°  
 Dip: -50.00°  
 Length: 150.00 m

**UTM**

East	319 390.00
North	5 510 620.00
Elevation	264.59

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; drill site located with SX Blue GPS

Core size: NQ core

Cemented: No

Stored: Yes

## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	18.00	OV <b>Overburden</b> 18 m of NW casing left in hole									
18.00	51.00	MG I3A; MAS; EQU; MG <b>Magnetite gabbro; Massive; Equigranular; Medium-grained</b> Homogeneous unit comprises, dark greenish grey, fairly massive with weakly developed foliation (60-70° CA), medium-grained (2-3 mm) magnetite melanocratic to mesocratic gabbro; composed of 20-50% subedral PG, 45-75% CL+ mafic minerals and disseminated (5-10%) iron oxides as intergrowth material; moderately to strongly magnetic; Tr of disseminated PY; any massive iron oxides layers were encountered; intersected by <1% CC stringers oriented at 20-25° and 50-60° CA with slight EP+ of host rock; weakly fractured unit (20-30° and 40-50° CA); excellent core recovery; RQD >90%	33.00	34.50	K361019	1.50	25.98	4.18	0.09	0.16	
			34.50	36.00	K361020	1.50	31.16	5.79	0.12	0.21	
			36.00	37.50	K361021	1.50	30.51	5.81	0.12	0.21	
			37.50	39.00	K361022	1.50	32.48	6.26	0.13	0.23	
			39.00	40.50	K361023	1.50	31.89	6.73	0.16	0.29	
			40.50	42.00	K361024	1.50	30.29	6.62	0.17	0.30	
			42.00	43.50	K361026	1.50	29.84	6.59	0.17	0.30	
			43.50	45.00	K361027	1.50	30.65	6.84	0.18	0.32	
			45.00	46.50	K361028	1.50	27.75	5.85	0.16	0.29	
			46.50	48.00	K361029	1.50	29.40	5.83	0.16	0.29	
			48.00	49.50	K361030	1.50	32.37	5.99	0.17	0.30	
			49.50	51.00	K361031	1.50	32.72	6.36	0.19	0.34	
51.00	62.00	I2; VFG <b>Intermediate dyke; Very fine-grained</b> Greenish grey, massive, very fine-grained (0.5-1 mm) intermediate - diorite - dyke; fractures oriented at 15°, 50-60° and 70° CA with CB filling; contacts are sharp; U/C oriented at 35° CA; L/C oriented at 45° CA	54.00	55.00	K361032	1.00	5.45	0.44	0.01	0.02	
62.00	73.94	MG MEL I3A; FO; SHR; DIOL <b>Magnetite melanocratic gabbro; Foliated; Sheared; Disseminated iron oxide layer</b> Dark greenish grey, medium-grained (2 mm), moderately to well foliated (25° CA), locally sheared, magnetite melanocratic gabbro associated with a heavily disseminated iron oxides content (10-15%); mafic minerals are CL+ and PG locally EP+; Tr of disseminated PY; 1% CC veins (<1 cm) and stringers oriented at 10°, 40°, 60° and 70° CA; weakly fractured (25-30° CA); the lower contact is based on the first occurrence of a medium-grained anorthosite layer	62.00	63.50	K361033	1.50	36.76	7.23	0.26	0.46	
			63.50	65.00	K361034	1.50	32.73	6.14	0.25	0.45	
64.13	64.97	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA; CL+ and	65.00	66.50	K361035	1.50	24.83	4.06	0.20	0.36	

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
65.66	66.28	strongly CB+; 5% vein (<5 cm) and CC stringers oriented at 70-80° CA; Tr-5% PY SZ <b>Shear zone 60°</b> Same as 64.13-64.97; foliation oriented at 60° CA	66.50	68.00	K361037	1.50	27.77	4.67	0.21	0.37
			68.00	69.50	K361038	1.50	31.52	5.07	0.23	0.41
			69.50	70.00	K361039	0.50	30.35	4.84	0.23	0.41
69.68	69.71	VEI;0.03;Qz Cl Cc;;70°;Py25; <b>Vein 0.03 Quartz Chlorite Calcite 70°</b> <b>Pyrite 25%</b> QZ-CL±CC vein (tw 3 cm) oriented at 70° CA; 25% PY forming plurimillimetric to pluricentimetric wide masses								
70.00	70.01	FO <b>Foliation 25°</b> Foliation oriented at 25° CA	70.00	71.50	K361040	1.50	32.47	5.54	0.25	0.45
			71.50	73.00	K361041	1.50	29.01	5.20	0.22	0.39
73.00	73.01	FO <b>Foliation 50°</b> Foliation oriented at 50° CA	73.00	74.50	K361042	1.50	33.32	5.87	0.26	0.46
73.94	108.08	MG I3A; MG; I3G; I3H <b>Magnetite gabbro; Medium-grained; Anorthosite; Gabbroic anorthosite</b> Heterogeneous unit comprises 80% medium-grained magnetite gabbro generally associated with a disseminated (7-10%) iron oxides content; and 20% medium to coarse-grained leucocratic units (anorthosite-anorthositic gabbro), forming pluricentimetric to plurimetric wide layers; contacts are generally gradationnal or sharp and oriented at 60-70° CA; interlayered with few, pluridentimetric to pluridecimetric wide, semi-massive to massive iron oxides layers; for testing purposes only selected mineralized portions were assayed; moderately fractured unit (20-25° & 40°CA); crosscutted by a porphyritic intermediate dyke intersected between 94.59-95.35; L/C is gradational								
73.94	74.17	I3G; MG <b>Anorthosite; Medium-grained</b> Medium-grained (1 mm) anorthosite layer; U/C oriented at 50° CA; L/C oriented at 30° CA								
74.17	74.37	SMIOL; MIOL								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
74.30	74.31	<b>Semi-massive iron oxide layer;</b> <b>Massive iron oxide layer</b> 30-50% iron oxides; mafic minerals are CL+; 1% PY; gradational contact with heavily disseminated iron oxides; foliation oriented at 45° CA FO <b>Foliation 35°</b> Foliation oriented at 35° CA	74.50	76.00	K361043	1.50	11.97	2.17	0.10	0.18
74.67	75.32	I3G; MG <b>Anorthosite; Medium-grained</b> Medium-grained (3 mm) anorthosite layer; U/C trending at 65° CA; L/C oriented at 80° CA	76.00	77.50	K361044	1.50	22.28	3.38	0.18	0.32
			77.50	79.00	K361045	1.50	23.98	3.50	0.19	0.34
			79.00	80.50	K361046	1.50	25.57	3.89	0.22	0.39
79.06	79.11	MIOL <b>Massive iron oxide layer</b> 50% iron oxides; contacts are oriented at 65° CA	80.50	82.00	K361047	1.50	23.56	3.54	0.22	0.39
84.00	84.01	FO <b>Foliation 45°</b> Foliation oriented at 45° CA								
89.15	89.19	MIOL <b>Massive iron oxide layer</b> 50% iron oxides; contacts oriented at 70° CA								
89.16	89.19	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA								
90.56	91.20	I3H; MG; CG <b>Gabbroic anorthosite; Medium-grained;</b> <b>Coarse-grained</b> Medium to coarse-grained (3-10 mm) gabbroic anorthosite layer; U/C is gradational; L/C is irregularly oriented								
91.91	92.51	I3G; CG <b>Anorthosite; Coarse-grained</b> Coarse-grained (5-10 mm) anorthosite layer; contacts are irregularly oriented								
94.59	95.35	I2; POR <b>Intermediate dyke; Porphyritic</b> Intermediate porphyritic dyke; composed of 5-10% (0.5-2 mm) of PG and QZ phenocrysts	98.50	100.00	K361048	1.50	40.71	6.78	0.34	0.61

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
98.75	98.76	and pale green and dark ferromagnesian minerals; anedral bluish QZ was also observed; pink salmon stains of FP; greenish grey intermediate matrix; Tr of PY; U/C undulating at very low angle to CA (sub-parallel to 10° CA); L/C oriented at 50° CA FO <b>Foliation 45°</b> Foliation oriented at 45° CA								
99.09	99.41	MIOL <b>Massive iron oxide layer</b> >75% iron oxides; 1-5% PY; contacts oriented at 50° CA	100.00	101.50	K361049	1.50	27.77	4.62	0.23	0.41
101.15	101.40	MIOL <b>Massive iron oxide layer</b> 50-75% iron oxides; strongly CL+ mafic minerals; Tr-1% PY; U/C oriented at 60° CA; L/C oriented at 70° CA								
101.18	101.39	ML <b>Magmatic layering 70°</b> Magmatic layering oriented at 70° CA	101.50	103.00	K361051	1.50	29.89	4.96	0.26	0.46
			103.00	104.50	K361052	1.50	31.45	5.43	0.26	0.46
108.08	150.00	I3G; I3H; I3I; I3A <b>Anorthosite; Gabbroic anorthosite; Anorthositic gabbro; Gabbro</b> Strongly heterogeneous unit comprises >95% pale beige and green, massive to wealy foliated (50° CA), medium-grained to coarse-grained (5-10 mm) leucocratic units (anorthosite-anorthositic gabbro); and <5% dark green, medium-grained, locally sheared and CB+, gabbro forming pluridecimeter wide interlayers associated to a very low iron oxides content; contacts between lithological units are sharp or gradational and generally oriented at 60-70° CA; crosscutted by centimetric to pluridecimeter wide, QZ-CB veins locally mineralized with PY; few fault zones encountered between 125.63-125.76; moderately to weakly fractured unit (15°, 45° & 55° CA)	110.82	111.31	K361053	0.49				
110.87	110.88	STR;0.005;Qz;;70°;Py10; Stringer 0.005 Quartz 70° Pyrite 10%								

## Apella Resources Inc.

Description		Assay							
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
111.04	111.11	QZ stringer (0.5 cm) oriented at 70° CA; 10% PY VEI;0.07;Qz Cc;;70°;; <b>Vein 0.07 Quartz Calcite 70°</b> QZ-CC vein (7 cm) oriented at 70° CA							
111.34	111.35	121.55	122.20	K361054	0.65				
		STR;0.01;Qz;;90°;Py01; <b>Stringer 0.01 Quartz 90° Pyrite 1%</b> Deformed QZ stringer (1 cm) weakly mineralized with PY; oriented at 90° CA							
121.71	121.81	122.20	122.60	K361055	0.40				
		VEI;0.1;Qz Cc;;;; <b>Vein 0.1 Quartz Calcite</b> QZ-CB vein crosscutting a deformed, medium-grained gabbro; 5% PY on upper wallrock; contact are irregularly oriented							
122.33	122.51	124.86	125.86	K361056	1.00				
		VEI;;Qz Cc;;45°;Cp; <b>Vein Quartz Calcite 45° Chalcopyrite</b> QZ-CC vein (18 cm along CA); Tr of CP; contacts oriented at 45° CA							
125.63	125.76	125.86	126.73	K361057	0.87				
		SZ; FZ <b>Shear zone; Fault zone</b> Shear zone / fault zone; brecciated and crumbly aspect; argillic alteration; contacts oriented at 60° CA							
125.92	126.55	VEI;0.62;Qz Cc;;;; <b>Vein 0.62 Quartz Calcite</b> QZ-CC vein (0.62 m along CA); no visible mineralization; U/C oriented at 25° CA; L/C is irregularly oriented at undulating along CA; alteration with CL and apple-green, soft phyllosilicates (possible fuchsite)							
127.75	128.01	SZ <b>Shear zone 65°</b> Shear zone oriented at 65° CA; CL+ ; injected by 10% deformed CC stringers and a QZ-CB vein (3.5 cm); Tr-1% PY							
128.10	128.21	SZ <b>Shear zone 60°</b> Same as 127.75-128.01							



# Apella Resources Inc.

150.00 End of DDH  
Number of samples: 36  
Number of QAQC samples: 1  
Total sampled length: 48.41

**Apella Resources Inc.**

DDH: **MA-11-56**

Claims title: CDC 2148876

Section:

Township: LOZEAU

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P.Geo

From: 2011-05-02

Description date: 2011-05-03

To: 2011-05-03

Collar

Azimuth: 180.00°  
Dip: -70.00°  
Length: 150.00 m

UTM

East	321 950.00
North	5 513 170.00
Elevation	299.75

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-70.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; drill site located with SX Blue GPS

Core size: NQ core

Cemented: No

Stored: Yes

## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	5.17	OV Overburden 6 m of NW casing left in hole									
5.17	150.00	I3A; MG; MAG <b>Gabbro; Medium-grained; Magnetic</b> Fairly homogeneous unit comprises light beige to grey and dark green, weakly foliated, medium-grained (2 mm) mesocratic to melanocratic gabbro composed of 30-50% subedral PG and 50-70% dark green mafic minerals (AM) as intergrowth material; Tr of disseminated PY; overall MG content varies from 2-7%; moderately magnetic unit; heavily disseminated (10-20%) iron oxides mineralization forming pluricentimetric to metric wide layers (10-15%) were encountered between 5.17 and 43.21 m and 90.20-101.00; a magnetite layer was intersected between 92.75-93.00; mafic minerals content decreases locally (anorthositic gabbro-gabbroic anorthosite) with few decimetric wide. medium-grained strongly EP+ anorthosite layers (43.31-46.81, 77.48-83.40); few pluricentimetric to decimetric wide QZ veins occur sporadically (e.g. 9.54-9.66, 16.19-16.27, 22.02-22.05, 57.18-57.24, 97.06-97.13 & 105.73-105.92, 108.24-108.31, 117.94-97, 137.12-137.17, 137.36-137.38, 137.48-137.50) and are generally oriented at 65°-80° CA; leucocratic unit are generally strongly EP+; weakly fractured unit (10-15°, 50° CA)	5.17	6.67	K360631	1.50	22.37	3.70	0.07	0.12	
			6.67	8.17	K360632	1.50	20.04	3.29	0.06	0.11	
			8.17	9.67	K360633	1.50	21.99	3.74	0.08	0.14	
			9.67	11.17	K360634	1.50	24.38	4.07	0.08	0.14	
			11.17	12.67	K360635	1.50	22.69	3.59	0.07	0.12	
			12.67	14.17	K360636	1.50	24.78	4.37	0.08	0.14	
			14.17	15.67	K360637	1.50	28.10	5.89	0.12	0.21	
14.74	14.75	FO <b>Foliation 60°</b> Foliation oriented at 60° CA	15.67	17.17	K360638	1.50	16.92	2.30	0.05	0.09	
			17.17	18.67	K360639	1.50	22.43	3.93	0.09	0.16	
			18.67	20.17	K360640	1.50	26.46	5.05	0.11	0.20	
			20.17	21.67	K360641	1.50	20.66	3.54	0.08	0.14	
			21.67	23.17	K360642	1.50	23.78	4.04	0.09	0.16	
			23.17	24.67	K360643	1.50	20.93	3.98	0.09	0.16	
			24.67	26.17	K360644	1.50	19.30	3.87	0.08	0.14	
			26.17	27.67	K360645	1.50	23.52	3.93	0.10	0.18	
			27.67	29.17	K360646	1.50	23.81	4.95	0.10	0.18	
			29.17	30.67	K360647	1.50	20.57	3.09	0.07	0.12	

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
30.08	30.09	FO	30.67	32.17	K360648	1.50	21.43	3.27	0.07	0.12
		<b>Foliation 55°</b> Foliation oriented at 55° CA	32.17	33.67	K360649	1.50	21.41	3.63	0.08	0.14
33.28	33.29	FO	33.67	35.17	K360651	1.50	18.50	2.81	0.06	0.11
		<b>Foliation 60°</b> Foliation oriented at 60° CA	35.17	36.67	K360652	1.50	19.04	3.02	0.04	0.07
			36.67	38.17	K360653	1.50	17.56	1.60	0.04	0.07
			38.17	39.67	K360654	1.50	13.95	1.50	0.04	0.07
			39.67	41.17	K360655	1.50	13.03	1.28	0.03	0.05
			41.17	42.67	K360656	1.50	10.35	1.17	0.02	0.04
41.90	42.00	EP+ <b>Epidotization</b> Strongly EP+ medium-grained anorthosite layer; 1% purplish anedral apatite								
48.90	49.07	EP+ <b>Epidotization</b> Strongly EP+ medium-grained anorthosite layer; 1% purplish anedral apatite; contacts oriented at 60° CA	55.55	56.00	K360657	0.45				
55.79	55.80	STR;0.005;;;70°;Po Py; <b>Stringer 0.005 70° Pyrrhotine Pyrite</b> PO-PY stringer (0.5 mm) oriented at 70° CA								
57.34	57.35	FO <b>Foliation 10°</b> Foliation oriented at 10° CA								
70.00	70.01	FO <b>Foliation 55°</b> Foliation oriented at 55° CA								
73.77	90.06	EP+ <b>Epidotization</b> 50% weakly to strongly EP+ intervals; with few medium-grained, decimetric wide, strongly EP+ anorthosite layer (e.g. 78.19-78.32, 79.12-79.21)	80.68	81.78	K360658	1.10	9.11	0.64	0.02	0.04
80.87	81.59	APH I3	86.45	87.70	K360659	1.25	20.81	3.03	0.08	0.14
		<b>Aphanitic mafic dyke</b> Dark green, aphanitic mafic dyke; up to 5% eudral (1-5 mm) PY; EP+; contacts are strongly altered with QZ-EP-CB-CL±PY±HM	87.70	88.95	K360660	1.25	17.18	1.90	0.05	0.09

## Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
88.40	88.41	FO	88.95	90.20	K360661	1.25	16.96	2.19	0.06	0.11	
		<b>Foliation 35°</b>	90.20	91.45	K360662	1.25	33.22	4.02	0.11	0.20	
		Foliation oriented at 35° CA	91.45	92.70	K360663	1.25	21.67	2.86	0.07	0.12	
92.00	92.01	FO	92.70	93.95	K360664	1.25	29.33	5.12	0.15	0.27	
		<b>Foliation 40°</b>									
92.96	93.00	MIOL	93.95	95.20	K360665	1.25	14.80	1.29	0.03	0.05	
		<b>Massive iron oxide layer</b>	95.20	96.45	K360666	1.25	15.47	2.54	0.07	0.12	
95.73	96.08	<b>Shear zone 50°</b> Shear zone oriented at 50° CA	Massive iron oxides layer - magnetite; U/C oriented at 40° CA; L/C oriented at 35° CA								
			SZ	96.45	97.70	K360667	1.25	25.27	4.05	0.11	0.20
				97.70	98.95	K360668	1.25	24.54	3.54	0.09	0.16
				98.95	100.20	K360669	1.25	23.24	3.02	0.08	0.14
				100.20	101.45	K360670	1.25	22.09	2.40	0.06	0.11
102.80	103.33	EP+; HM+ <b>Epidotization; Hematization</b> Moderately to strongly EP+ and HM+; presence of thin CB stringers; microfissured		101.45	102.70	K360671	1.25	18.77	2.88	0.08	0.14
				105.50	106.00	K360672	0.50				
105.73	105.92	<b>Vein 0.17 Quartz Carbonate 60°</b> QZ-CB vein (tw 0.17 cm) oriented at 60° CA; up to 5% PY forming masses (0.5-1 cm)									
106.75	108.56	EP+ <b>Epidotization</b> Moderately to strongly EP+; QZ vein (6 cm) intersected at 108.25-108.31 and oriented at 60° CA									
110.64	110.65	FO <b>Foliation 55°</b> Foliation oriented at 55° CA									
116.88	117.40	APH I3 <b>Aphanitic mafic dyke</b> Dark greenish grey, aphanitic to very fine-grained mafic dyke; up to 2% subbedral (1-3 mm) PY; U/C is fractured; L/C oriented at 70° CA									

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
119.65	150.00	EP+; HM+ <b>Epidotization; Hematization</b> 30% moderately to strongly EP+, pluricentimetric to pluridecimetric wide intervals; pinkish salmon HM stains on PG; <5% strongly EP+ anorthositic interlayers (<20 cm); HM-CL-EP-CB alteration zone with pitted core surface (presence of water?) intersected at 120.20	137.00	137.55	K360673	0.55				
137.11	137.51	VEI;;Qz;;;; <b>Vein Quartz</b> 3 QZ veins (1-4 cm) oriented at 55°-75° CA which 2 crosscutting a strongly EP+ section; Tr of PY on wallrocks								
150.00 End of DDH Number of samples: 42 Number of QAQC samples: 1 Total sampled length: 56.35										

# Apella Resources Inc.

**DDH: MA-11-57**

Claims title: CDC 109864

Section:

Township: LOZEAU

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-05

Description date: 2011-04-06

To: 2011-04-07

Collar

UTM

Azimuth: 172.35°

East 325 648.31

Dip: -49.05°

North 5 511 776.38

Length: 150.00 m

Elevation 284.16

Down hole survey

Type	Depth	Azimuth	Dip	Invalid
Acid	150.00		-51.00°	No

Type	Depth	Azimuth	Dip	Invalid

Description

UTM NAD 83 - Zone 18N; Surveyed by Corriveau J.L. & Associés Inc

Core size: NQ core

Cemented: No

Stored: Yes

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
0.00	10.21	OV <b>Overburden</b> 12 m of NW casing left in place								
10.21	150.00	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Heterogeneous unit; comprises dark green and beige with speckled aspect, anorthositic gabbro; cumulate texture; composed of 70-75% pale grey PG cumulates (5-10 mm) and 20-30% dark green CL+ AM as intergrowth material; 5-7% MG; moderately magnetic unit; Tr-1% PY; few massive iron oxides layers ranging from 2-26 cm were observed between 17.10-36.70; magmatic layering is generally oriented at 65° CA; interlayered with plurimetric wide gabbroic anorthosite layers characterized by a well developed cumulate texture and associated with heavily disseminated to semi-massive MG mineralization; intersected by few dark grey aphanitic to fine-grained, intermediate dykes; moderately to weakly fractured (20° and 40° CA with CL filling); excellent core recovery	10.21	11.46	K360001	1.25	19.34	2.71	0.07	0.13
			11.46	12.71	K360002	1.25	21.33	3.05	0.08	0.14
			12.71	13.96	K360003	1.25	22.17	2.95	0.08	0.14
			13.96	15.21	K360004	1.25	19.73	2.85	0.08	0.14
			15.21	16.46	K360005	1.25	20.65	3.04	0.09	0.16
			16.46	17.71	K360006	1.25	37.14	7.48	0.25	0.45
10.21	16.88	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Anorthositic gabbro characterized by a well developed pegmatitic texture with PG forming suberal cumulates ranging from 1 to 3 cm; slightly EP+ PG; dark green CL forming pluricentimetric patches as intercumulate material; 5-10% MG; Tr-1% PY±CP; lower contact is sheared								
17.10	18.66	DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer;</b> <b>Semi-massive iron oxide layer;</b> <b>Massive iron oxide layer</b> Disseminated, semi-massive to massive iron oxides layer; 5-50% MG; U/C is sheared and CL+; L/C oriented at 80° AC	17.71	18.96	K360007	1.25	29.48	5.67	0.18	0.32
18.66	19.63	APH I2 <b>Aphanitic intermediate rock</b> Dark grey, massive, aphanitic intermediate	18.96	20.21	K360008	1.25	12.81	1.75	0.04	0.07
			20.21	21.46	K360009	1.25	13.63	1.58	0.05	0.09
			21.46	22.71	K360010	1.25	13.75	1.77	0.06	0.11



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
24.05	25.57	dyke with anedral PG microphenocrysts (0.5-1 mm); U/C at 80° AC; L/C oriented at 50° AC	22.71	23.96	K360011	1.25	20.98	2.88	0.10	0.18
			23.96	25.21	K360012	1.25	41.04	7.45	0.25	0.45
		DIOL; SMIOL; MIOL <b>Disseminated iron oxide layer;</b> <b>Semi-massive iron oxide layer;</b> <b>Massive iron oxide layer</b> Same as 17.10-18.6; magmatic layering oriented at 60° AC	25.21	26.46	K360013	1.25	32.94	5.85	0.15	0.27
25.57	30.23	I3I; CU	26.46	27.71	K360014	1.25	24.92	4.75	0.06	0.11
		<b>Anorthositic gabbro; Cumulate</b>	27.71	28.96	K360015	1.25	22.82	3.14	0.05	0.09
		Same as 10.21-16.88; up to 10% MG forming intercumulate material; Tr of PY	28.96	30.21	K360016	1.25	29.45	5.27	0.13	0.23
			30.21	31.46	K360017	1.25	30.06	5.36	0.17	0.30
			31.46	32.71	K360018	1.25	30.08	5.43	0.17	0.30
			32.71	33.96	K360019	1.25	22.49	3.95	0.12	0.21
			33.96	35.21	K360020	1.25	23.56	4.41	0.13	0.23
			35.21	36.46	K360021	1.25	44.20	8.62	0.32	0.57
35.29	36.70	DIOL; MIOL	36.46	37.71	K360022	1.25	23.48	4.07	0.13	0.23
		<b>Disseminated iron oxide layer; Massive iron oxide layer</b>	37.71	38.96	K360023	1.25	16.30	2.12	0.06	0.11
		30% massive (50-90%) iron oxides mineralization forming pluricentimetric to decimetric wide layers; magmatic layering varying from 60° to 70° CA	38.96	40.21	K360024	1.25	17.07	2.26	0.07	0.13
			40.21	41.46	K360026	1.25	21.51	2.68	0.10	0.18
			41.46	42.71	K360027	1.25	19.12	2.33	0.09	0.16
			42.71	43.96	K360028	1.25	13.65	1.60	0.06	0.11
			43.96	45.21	K360029	1.25	26.85	4.37	0.17	0.30
			45.21	46.46	K360030	1.25	18.64	3.18	0.10	0.18
			46.46	47.71	K360031	1.25	17.04	2.90	0.09	0.16
			47.71	48.96	K360032	1.25	16.39	2.87	0.08	0.14
			48.96	50.21	K360033	1.25	17.52	2.73	0.08	0.14
			50.21	51.46	K360034	1.25	17.05	2.79	0.08	0.14
			51.46	52.71	K360035	1.25	16.30	2.84	0.08	0.14
	52.71	53.96	K360036	1.25	17.11	2.97	0.08	0.14		
	53.96	55.21	K360037	1.25	18.54	2.78	0.08	0.14		
	55.21	56.46	K360038	1.25	17.61	3.39	0.08	0.14		
	56.46	57.71	K360039	1.25	20.53	3.33	0.09	0.16		
	57.71	58.96	K360040	1.25	18.49	2.85	0.08	0.14		

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
35.29	35.35	ML <b>Magmatic layering 65°</b> Magmatic layering oriented at 65° CA								
58.10	61.70	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Same as 10.21-16.88; 5-10% MG forming irregular centimetric to pluricentimetric masses as intercumulate material; Tr-1% PY	58.96	60.21	K360041	1.25	21.27	3.71	0.07	0.13
			60.21	61.70	K360042	1.49	22.45	4.01	0.07	0.13
61.70	62.75	APH I2 <b>Aphanitic intermediate rock</b> Medium-grey, aphanitic to fine-grained intermediate dyke; foliation oriented at 25° AC; deformed and weakly BO+; U/C oriented at 25° CA; L/C oriented at 20° AC	61.70	62.75	K360043	1.05	5.50	0.54	0.01	0.02
			62.75	63.77	K360044	1.02	24.50	4.12	0.07	0.13
63.77	68.16	APH I2 <b>Aphanitic intermediate rock</b> Same as 61.70-62.75; U/C oriented at 15° CA; L/C oriented at 80° CA	63.77	65.02	K360045	1.25	7.43	0.75	0.02	0.04
			65.02	66.52	K360046	1.50	8.50	0.83	0.02	0.04
			66.52	68.16	K360047	1.64	5.07	0.51	0.01	0.02
			68.16	69.41	K360048	1.25	25.02	3.57	0.12	0.21
			69.41	70.66	K360049	1.25	20.13	2.75	0.10	0.18
			70.66	71.91	K360051	1.25	16.13	2.08	0.08	0.14
			71.91	73.16	K360052	1.25	19.06	2.86	0.09	0.16
			73.16	74.41	K360053	1.25	17.59	3.07	0.09	0.16
			74.41	75.66	K360054	1.25	19.71	3.44	0.09	0.16
			75.66	76.91	K360055	1.25	20.49	3.23	0.09	0.16
			76.91	78.16	K360056	1.25	18.42	2.75	0.08	0.14
			78.16	79.41	K360057	1.25	31.13	5.46	0.18	0.32
			79.41	80.66	K360058	1.25	22.89	3.90	0.12	0.21
			80.66	81.91	K360059	1.25	13.69	1.84	0.06	0.11
			81.91	83.16	K360060	1.25	13.90	2.05	0.06	0.11
			83.16	84.42	K360061	1.26	13.41	1.96	0.06	0.11
84.42	85.40	I2; FG <b>Intermediate dyke; Fine-grained</b> Grey, massive, fine-grained (0.5-1 mm) intermediate dykes; Tr of finely disseminated PY; U/C oriented at 90° CA; L/C oriented at 85° AC	84.42	85.40	K360062	0.98	7.59	0.86	0.02	0.04
			85.40	86.65	K360063	1.25	12.40	1.57	0.05	0.09
			86.65	87.90	K360064	1.25	19.70	3.25	0.09	0.16

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
87.00	89.35	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Same as 10.2+16.88; 5-10% MG forming irregular centimetric to pluricentimetric masses as intercumulate material; Tr-1% PY	87.90	89.15	K360065	1.25	26.20	3.82	0.11	0.20
			89.15	90.40	K360066	1.25	18.20	2.84	0.08	0.14
			90.40	91.65	K360067	1.25	15.00	2.35	0.07	0.13
			91.65	92.90	K360068	1.25	13.92	1.79	0.06	0.11
			92.90	94.15	K360069	1.25	14.21	2.05	0.06	0.11
			94.15	95.40	K360070	1.25	12.38	1.72	0.05	0.09
			95.40	96.65	K360071	1.25	13.29	1.83	0.06	0.11
			96.65	97.90	K360072	1.25	16.98	2.66	0.08	0.14
			97.90	99.15	K360073	1.25	16.96	2.59	0.07	0.13
			99.15	100.40	K360074	1.25	17.66	2.31	0.07	0.13
			100.40	101.65	K360076	1.25	17.22	2.83	0.07	0.13
101.38	103.21	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Same as 10.2+16.88; up to 30% MG forming irregular centimetric to pluricentimetric masses; Tr-1% PY	101.65	102.90	K360077	1.25	40.50	8.60	0.24	0.43
			102.90	104.15	K360078	1.25	17.39	3.28	0.08	0.14
			104.15	105.40	K360079	1.25	15.50	2.14	0.06	0.11
			105.40	106.65	K360080	1.25	14.22	2.50	0.07	0.13
105.41	110.50	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Same as 10.2+16.88; 5-30% MG forming irregular centimetric to pluricentimetric masses; Tr-1% PY	106.65	107.90	K360081	1.25	20.69	3.63	0.10	0.18
			107.90	109.15	K360082	1.25	34.22	6.90	0.20	0.36
			109.15	110.40	K360083	1.25	19.31	2.65	0.07	0.13
			110.40	111.65	K360084	1.25	16.28	2.72	0.07	0.13
111.57	118.45	I3I; CU <b>Anorthositic gabbro; Cumulate</b> Same as 10.2+16.88; 5-15% MG forming irregular centimetric to pluricentimetric masses; Tr-1% PY	111.65	112.90	K360085	1.25	17.05	3.02	0.08	0.14
			112.90	114.15	K360086	1.25	16.91	3.00	0.07	0.13
			114.15	115.40	K360087	1.25	14.97	2.21	0.06	0.11
			115.40	116.65	K360088	1.25	18.04	2.44	0.06	0.11
			116.65	117.90	K360089	1.25	11.32	1.63	0.05	0.09
			117.90	119.15	K360090	1.25	12.27	1.51	0.04	0.07
			119.15	120.40	K360091	1.25	14.65	2.34	0.06	0.11
			120.40	121.56	K360092	1.16	16.90	2.58	0.06	0.11
121.56	124.47	APH I2; POR <b>Aphanitic intermediate rock; Porphyritic</b> Dark greenish grey, porphyritic intermediate dyke; presence of anedral PG phenocrysts (2-5 mm); <1% thin CB stringers oriented at 50-55° CA; intersected by few centimetric wide QZ veins; contacts are sub-perpendicular to	121.56	123.06	K360093	1.50	8.66	0.79	0.02	0.04
			123.06	124.47	K360094	1.41	8.12	0.66	0.02	0.04
			124.47	125.47	K360095	1.00	13.68	2.14	0.06	0.11
			125.47	126.33	K360096	0.86	10.15	1.68	0.04	0.07

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
126.33	127.53	CA APH I2; POR <b>Aphanitic intermediate rock; Porphyritic</b> Same as 121.56-124.47; contacts oriented at 70° CA	126.33	127.53	K360097	1.20	8.14	0.70	0.02	0.04
			127.53	128.78	K360098	1.25	13.62	2.40	0.06	0.11
			128.78	130.03	K360099	1.25	13.95	2.19	0.06	0.11
			130.03	131.28	K360101	1.25	10.88	1.27	0.04	0.07
			131.28	132.53	K360102	1.25	13.10	1.54	0.04	0.07
			132.53	133.78	K360103	1.25	13.52	1.84	0.05	0.09
			133.78	135.03	K360104	1.25	15.73	2.00	0.06	0.11
			135.03	136.28	K360105	1.25	14.28	1.80	0.06	0.11
			136.28	137.53	K360106	1.25	12.28	1.41	0.05	0.09
			137.53	138.78	K360107	1.25	12.88	1.79	0.05	0.09
			138.78	140.03	K360108	1.25	14.20	1.85	0.05	0.09
			140.03	141.28	K360109	1.25	12.36	1.67	0.05	0.09
141.15	141.71	I3I; CU <b>Anorthositic gabbro; Cumulate</b> As previously described; 3-10% MG forming irregular plurimilimetric to pluricentimetric masses; Tr-1% PY	141.28	142.53	K360110	1.25	13.58	1.87	0.05	0.09
			142.53	143.78	K360111	1.25	14.58	2.21	0.05	0.09
			143.78	145.03	K360112	1.25	14.11	2.25	0.05	0.09
			145.03	146.28	K360113	1.25	15.27	2.35	0.06	0.11
			146.28	147.53	K360114	1.25	16.20	2.54	0.06	0.11
147.05	147.25	I3I; CU <b>Anorthositic gabbro; Cumulate</b> As previously described; 5% MG forming irregular pluricentimetric masses; 1% PY	147.53	148.78	K360115	1.25	21.36	3.64	0.08	0.14
147.72	148.31	I3I; CU <b>Anorthositic gabbro; Cumulate</b> As previously described; up to 15% MG forming irregular pluricentimetric masses; Tr-1% PY	148.78	150.00	K360116	1.22	17.03	2.68	0.06	0.11
150.00	End of DDH Number of samples: 112 Number of QAQC samples: 4 Total sampled length: 139.79									

# Apella Resources Inc.

**DDH: MA-11-58**

Claims title: CDC 109864

Section:

Township: LOZEAU

Level:

Range:

Work place: Matagami

Drilled by: Chibougamau Diamond Drilling Ltd

Lot:

Described by: R. Moar, P. Geo

From: 2011-04-30

Description date: 2011-05-01

To: 2011-05-01

**Collar**

UTM

Azimuth: 180.00°

Dip: -50.00°

Length: 169.00 m

East 325 600.00

North 5 511 683.00

Elevation 285.00

**Down hole survey**

Type	Depth	Azimuth	Dip	Invalid

Type	Depth	Azimuth	Dip	Invalid

**Description**

UTM NAD 83 - Zone 18N; drill site located with SX Blue GPS

Core size: NQ core

Cemented: No

Stored: Yes

Apella Resources Inc.

Description			Assay								
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
0.00	21.59	OV Overburden 24 m of NW casing left in place									
21.59	49.00	MEL I3A; I3A; CG; VCG <b>Melanocratic gabbro; Gabbro; Coarse-grained; Very coarse-grained</b> Heterogeneous unit comprises 70% dark grey, medium-grained (2-5 mm) melanocratic gabbro forming pluridecimeteric to plurimetric wide layers associated with disseminated (3-10%) iron oxides mineralization; interlayered with coarser-grained (5-10 mm) gabbro composed of equal amount of light beige subdral PG, forming locally pluricentimeteric masses, and dark green ferromagnesian minerals as intergrowth material; MG content within coarse-grained gabbro is generally low (<5%); possible altered PX as intercumulate material were observed between 47.65-48.86; Tr of disseminated PY; weakly to moderately fractured unit (20°, 30°, 50° CA)	21.59	22.84	K360554	1.25	21.86	2.68	0.09	0.16	
			22.84	24.09	K360555	1.25	19.66	2.27	0.08	0.14	
			24.09	25.34	K360556	1.25	18.40	3.21	0.09	0.16	
			25.34	26.59	K360557	1.25	19.44	2.56	0.08	0.14	
			26.59	27.84	K360558	1.25	19.58	3.00	0.09	0.16	
			27.84	29.09	K360559	1.25	21.44	2.75	0.08	0.14	
28.92	29.66	I1D; FG <b>Tonalite; Fine-grained</b> Grey, weakly foliated (60° CA), fine-grained (0.5-1 mm) tonalitic dyke; composed of 75% subdral whitish PG, 25% interstitial QZ and <10% finer-grained ferromagnesian minerals (BO-CL); PG are locally EP+; lower section is sheared; contacts oriented at 50° CA	29.09	30.34	K360560	1.25	12.62	1.79	0.06	0.11	
			30.34	31.59	K360561	1.25	18.61	3.54	0.10	0.18	
			31.59	32.84	K360562	1.25	13.26	1.84	0.05	0.09	
			32.84	34.09	K360563	1.25	18.37	2.20	0.07	0.12	
			34.09	35.34	K360564	1.25	21.60	2.72	0.10	0.18	
			35.34	36.59	K360565	1.25	18.52	2.38	0.08	0.14	
			36.59	37.84	K360566	1.25	20.38	2.95	0.09	0.16	
			37.84	39.09	K360567	1.25	24.52	2.13	0.07	0.12	
			39.09	40.34	K360568	1.25	20.53	1.34	0.04	0.07	
			40.34	41.59	K360569	1.25	19.62	2.70	0.08	0.14	
			41.59	42.84	K360570	1.25	23.85	3.86	0.12	0.21	
			42.84	44.09	K360571	1.25	22.24	2.87	0.08	0.14	
			44.09	45.34	K360572	1.25	18.02	2.47	0.07	0.12	
			45.34	46.59	K360573	1.25	16.86	1.79	0.05	0.09	
			46.59	47.84	K360574	1.25	21.73	1.44	0.05	0.09	
			47.84	49.09	K360576	1.25	21.87	1.98	0.06	0.11	

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
49.00	70.84	I3A; CG; DEF; SHR <b>Gabbro; Coarse-grained; Deformed; Sheared</b> Deformation zone affecting pale beige and dark green, coarse-grained gabbro weakly mineralized with iron oxides (<5%); affected by numerous, pluridecimeteric to plurimeteric wide, shear zones; crosscutted by a plurimeteric wide, medium-grained tonalite dyke	49.09	50.34	K360577	1.25	17.79	2.57	0.07	0.12
			50.34	51.59	K360578	1.25	16.04	2.35	0.07	0.12
			51.59	52.84	K360579	1.25	12.88	1.96	0.06	0.11
			52.84	54.09	K360580	1.25	20.03	2.77	0.09	0.16
			54.09	55.30	K360581	1.21	15.46	1.96	0.06	0.11
55.30	57.83	I1D; MG <b>Tonalite; Medium-grained</b> Pale grey to salmon pink, massive, medium-grained (2 mm) tonalitic dyke; mainly composed of subdral PG and 20% interstitial QZ; 5% finer-grained ferromagnesian minerals; exhibits locally a graphic texture; Tr of PY; pink salmon HM stains on FP; slightly EP+ along fractures oriented at 30° CA; U/C oriented at 20° CA; L/C oriented at 80° CA								
57.83	58.55	M25 <b>Mylonite</b> Dark grey, strongly mylonitized gabbro; 1% anedral (1-5 mm) whitish FP phenocrysts set in an aphanitic mafic groundmass; non magnetic; U/C oriented at 80° CA; L/C oriented at 72° CA								
58.55	63.48	SZ <b>Shear zone 70°</b> Shear zone oriented at 70° CA; upper portion is SI+; Tr of PY±CP; intersected by 85% QZ veins	61.25	62.25	K360582	1.00	7.55	1.11	0.02	0.04
61.80	63.07	VEI;;Qz;;;; <b>Vein Quartz</b> 85% pluricentimeteric to pluridecimeteric QZ veins oriented sub-perpendicular to CA; no visible mineralization	62.25	63.15	K360583	0.90	4.09	0.38	0.01	0.02
63.48	64.96	M25 <b>Mylonite</b> Same as 57.83-58.55; 2 CC stringers (5-10 mm) oriented at 20° and 70 CA close to the lower contact; U/C oriented at 85° CA; L/C is								

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
66.78	68.28	sheared, CB+ and oriented at 70° CA; I3I; CG <b>Anorthositic gabbro; Coarse-grained</b> Coarse-grained (5 mm) anorthositic gabbro; <1% iron oxides; Tr of disseminated PY; presence of anedral purplish apatite								
68.29	69.00	SZ <b>Shear zone 60°</b> Shear zone oriented at 60° A								
69.38	69.48	I1B; I1D; MG <b>Granite; Tonalite; Medium-grained</b> Medium-grained tonalitic / granitic dykelet with contats oriented at 25° CA								
70.84	84.28	I3A; I3I; CG <b>Gabbro; Anorthositic gabbro;</b> <b>Coarse-grained</b> Fairly homogeneous unit comprises light beige and dark green with speckled aspect, coarse-grained (5-10 mm) mesocratic to leucocratic unit (gabbro-anorthositic gabbro); composed of 50-70% light beige subedral PG and 30-50% dark green mafic minerals as intercumulate material; PG forming locally irregular pluricentimetric masses; increasing of mafic minerals content a depth; <2% MG; Tr of disseminated PY; weakly fractured unit (20°, 30° & 40° CA); excellent core recovery	80.53	81.78	K360584	1.25	14.07	2.17	0.06	0.11
			81.78	83.03	K360585	1.25	13.47	1.85	0.05	0.09
			83.03	84.28	K360586	1.25	12.30	1.60	0.04	0.07
83.92	84.08	I1D; MG <b>Tonalite; Medium-grained</b> As previously described; slight pink salmon alteration - HM- on fractures oriented at 30° and 50° CA; U/C oriented at 72° CA; L/C oriented at 50° A								
84.28	86.72	DIOL <b>Disseminated iron oxide layer</b> Disseminated iron oxides mineralization associated with a massive, medium-grained (2 mm) gabbro; composed of 10% iron oxides and equal amount of grey PG and dark green CL+ mafic minerals; Tr of disseminated PY; weakly fractured (40° and 50° CA); U/C oriented at 50° CA; L/C oriented is fractured and	84.28	85.53	K360587	1.25	26.39	3.55	0.13	0.23
			85.53	86.72	K360588	1.19	25.31	4.05	0.14	0.25



# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
86.72	93.53	grinded I3A; PEG; CU <b>Gabbro; Pegmatitic; Cumulate</b> Dark green and pale grey to beige, pegmatitic gabbro; composed of 30% subedral PG cumulates (1-3 cm) and 70% dark green CL+ mafic minerals forming centimetric to pluricentimetric patches and 5-7% MG as intercumulates material; interlayered with 2 decimetric to pluridecimetric wide massive iron oxides layers; Tr-1% PY; L/C oriented at 20° CA and intersected by a medium-grained tonalite dyle	86.72	87.97	K360589	1.25	19.75	2.79	0.08	0.14
			87.97	89.22	K360590	1.25	20.41	2.77	0.08	0.14
			89.22	90.47	K360591	1.25	18.17	1.93	0.06	0.11
			90.47	91.72	K360592	1.25	43.15	8.21	0.23	0.41
91.13	91.62	MIOL <b>Massive iron oxide layer</b> 80% magnetite layers separated by dark green CL+ and deformed layers; CB filling fractures; Tr-5% PY; U/C oriented at 60° A; L/C oriented at 65° CA	91.72	92.72	K360593	1.00	30.94	5.43	0.17	0.30
91.91	92.11	MIOL <b>Massive iron oxide layer</b> Same as 91.13-91.62; U/C oriented at 60° CA; L/C oriented at 50° A	92.72	93.73	K360594	1.01	21.08	3.11	0.09	0.16
93.53	103.43	I3A; CG; SHR <b>Gabbro; Coarse-grained; Sheared</b> Strongly sheared (50°-60° CA), coarse-grained gabbro weakly mineralized with iron oxides; PG cumulates forming locally irregular, decimetric wide, masses; intersected by several medium-grained, locally deformed, pluridecimetric wide, tonalitic dykes; L/C is sheared and oriented at 50° CA								
93.73	94.70	I1D; MG <b>Tonalite; Medium-grained</b> Medium-grained tonalitic dyke; pinkish stains on FP resulting from HM; fractures oriented at 40°-50° CA; U/C oriented at 20° CA; L/C oriented at 40° CA								
94.70	100.00	SZ <b>Shear zone 55°</b> Shear zone oriented at 50°-60° CA								
95.20	95.24	I1D; MG <b>Tonalite; Medium-grained</b>								

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
95.43	96.39	Medium-grained tonalitic dykelet with contacts oriented at 40° CA I1D; MG <b>Tonalite; Medium-grained</b> Same as 93.73-94.70; U/C oriented at 50° CA; L/C oriented at 45° CA								
96.93	97.03	I1D; MG <b>Tonalite; Medium-grained</b> Same as 93.73-94.70; U/C oriented at 40° CA; L/C deformed and trending at 70° CA								
97.97	98.44	I1D; MG; DEF <b>Tonalite; Medium-grained; Deformed</b> Same as 93.73-94.70; deformed; U/C oriented at 70° CA; L/C oriented at 40° CA								
98.64	98.73	I1D; SHR <b>Tonalite; Sheared</b> Same as 93.73-94.70; sheared (60° CA); contacts oriented at 60° CA								
102.40	103.43	I1D; CG <b>Tonalite; Coarse-grained</b> Coarse-grained (5 mm) tonalitic dyke; well developed graphic texture; strongly fractured; intersected by a QZ vein (1-2 cm) oriented at 20° CA								
103.43	108.75	I3H; PEG; CU <b>Gabbroic anorthosite; Pegmatitic; Cumulate</b> Fairly homogeneous pegmatitic and leucocratic unit with developed cumulate texture; gabbroic anorthosite composed of 80-85% whitish to beige subedral PG cumulates (1-2 cm) and 15-20% dark green CL+ mafic minerals as intercumulate material; PG locally EP+ (104.75 & 109.72); Tr amount of PY; overall very low iron oxides but irregular centimetric to pluricentimetric masses were sporadically observed (e.g. 104.58, 106.20, 107.65, 108.40 & 108.70; 15-20%); interlayered with 2 coarse-grained anorthosite layers intersected between 104.15-104.45 & 107.00-107.48; weakly fractured unit								
108.75	117.55	I3A; CG	115.05	116.30	K360595	1.25	18.70	4.31	0.09	0.16

# Apella Resources Inc.

Description		Assay								
		From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)	
		<b>Gabbro; Coarse-grained</b> Light beige and dark green with speckled aspect, massive; coarse-grained (5 mm) gabbro composed of 50-60 % subedral PG cumulates and 40-50% ferromagnesian minerals as intercumulate material; PG are locally EP+; Tr of disseminated PY; very low iron oxides content (2-3%); lower section (116.24-117.55) is PG-rich and exhibits a well developed cumulate texture with subedral microfractured PG varying from 1-3 cm; intersected by few medium-grained tonalitic dykelets (2 cm) oriented at 20° CA; moderately fractured (20° and 50° CA)	116.30	117.55	K360596	1.25	14.20	2.59	0.06	0.11
117.55	120.80	I3A; CG <b>Gabbro; Coarse-grained</b> Same as 108.75-117.55; finer-grained (3 mm); with fair amount of mafic minerals content; 2-3% iron oxides; L/C oriented at 70° CA	117.55	118.80	K360597	1.25	18.70	2.37	0.07	0.13
			118.80	120.05	K360598	1.25	20.18	3.09	0.09	0.16
			120.05	121.30	K360599	1.25	24.21	4.68	0.13	0.23
120.80	121.86	I3H <b>Gabbroic anorthosite</b> Coarse-grained, massive, leucocratic unit; gabbroic anorthosite composed of 85% subedral to eudral PG cumulates and 15% dark green ferromagnesian minerals; minor amount of iron oxides; Tr of PY; L/C oriented at 55° CA	121.30	122.55	K360601	1.25	18.25	2.78	0.07	0.13
121.86	123.24	I3A; CG <b>Gabbro; Coarse-grained</b> Medium grey, massive, coarse-grained (5 mm) gabbro associated with disseminated (3-7%) iron oxides mineralization; composed of 60% light grey PG and 40% ferromagnesian minerals; alteration with EP and CL; Tr of PY; fractures oriented at 45° & 60° CA	122.55	123.24	K360602	0.69	18.70	2.29	0.07	0.13
123.24	149.00	DIOL; SMIOI; MIOI <b>Disseminated iron oxide layer; Semi-massive iron oxide layer; Massive iron oxide layer</b> Heavily disseminated to massive (15-60%) vanadiferous MG mineralization interlayered with few pluricentimetric to decimetric wide magnetite (>90%) layers intersected at 131.87-131.92, 132.09-132.23 &	123.24	124.49	K360603	1.25	41.88	5.50	0.19	0.34

# Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
132.40-132.45; associated with strongly altered medium-grained (2-3mm) ferrogabbro composed of variable amount of iron oxides and strongly altered silicated with CL and SR; overall 25-30% iron oxides; Tr-1% PY; weakly mineralized intervals were intersected between 138.55-139.40, 140.50-141.67 & 144.45-145.70; magmatic layering varies from 50°-60° CA; variation of iron oxides content (normal graded layer e.g. 134.50) indicates a stratigraphic top to the north; moderately to strongly fractured (10°-20°, 40°-50° CA); CL filling fractures; brittle shear zones / microfault were locally observed (e.g. 131.22, 136.65); CL+ with strongly broken core or crumbly/granular intervals; overall the RQD is 45% (poor); contacts are fractured										
124.40	124.41	ML <b>Magmatic layering 40°</b> Magmatic layering oriented at 40° CA	124.49	125.74	K360604	1.25	46.71	6.08	0.24	0.43
			125.74	126.99	K360605	1.25	39.33	5.17	0.20	0.36
			126.99	128.24	K360606	1.25	37.97	4.30	0.17	0.30
128.00	128.01	ML <b>Magmatic layering 55°</b> Magmatic layering oriented at 55° CA	128.24	129.49	K360607	1.25	51.01	8.86	0.33	0.59
			129.49	130.74	K360608	1.25	60.63	11.51	0.42	0.75
			130.74	131.99	K360609	1.25	52.98	7.80	0.31	0.55
			131.99	133.24	K360610	1.25	52.73	9.25	0.36	0.64
132.29	132.30	ML <b>Magmatic layering 60°</b> Magmatic layering oriented at 60° CA	133.24	134.49	K360611	1.25	51.47	9.28	0.33	0.59
			134.49	135.74	K360612	1.25	45.48	7.60	0.24	0.43
			135.74	136.99	K360613	1.25	36.68	5.92	0.19	0.34
135.80	135.81	ML <b>Magmatic layering 60°</b> Magmatic layering oriented at 60° CA								
136.60	136.65	SZ <b>Shear zone 40°</b> Brittle shear zones / microfault oriented at 40° CA; presence of thin stringers of CB-PY	136.99	138.24	K360614	1.25	38.01	6.58	0.20	0.36
			138.24	139.49	K360615	1.25	30.78	4.87	0.16	0.29
			139.49	140.74	K360616	1.25	42.17	7.94	0.26	0.46
			140.74	141.99	K360617	1.25	33.58	5.55	0.19	0.34
141.82	142.15	FZ <b>Fault zone</b> Strongly CL+ with strongly broken core with granular to crumbly intervals	141.99	143.24	K360618	1.25	26.96	3.91	0.15	0.27
			143.24	144.49	K360619	1.25	39.16	7.27	0.26	0.46
			144.49	145.74	K360620	1.25	19.18	2.29	0.09	0.16
			145.74	146.99	K360621	1.25	40.13	7.35	0.27	0.48

## Apella Resources Inc.

Description			Assay							
			From	To	Number	Length	Fe2O3 (%)	TiO2 (%)	V (%)	V2O5 (%)
145.80	145.81	ML <b>Magmatic layering 50°</b> Magmatic layering oriented at 50° CA	146.99	148.24	K360622	1.25	36.21	6.34	0.24	0.43
			148.24	149.00	K360623	0.76	31.24	5.91	0.21	0.37
149.00	155.85	I3I; CG; FR <b>Anorthositic gabbro; Coarse-grained; Fractured</b> Coarse grained (5 mm) anorthositic gabbro composed of 70-75% subedral PG and 25-30% dark green CL+ mafic minerals as intergrowth material; 1-2% anedral purplish apatite; Tr of disseminated PY; very low iron oxides content; strongly fractured (30-35° CA); CB filling fractures; L/C oriented at 30° CA	149.00	150.25	K360624	1.25	24.65	2.90	0.11	0.20
149.45	149.65	FZ <b>Fault zone</b> Same as 141.82-142.15	150.25	151.50	K360626	1.25	15.33	1.04	0.04	0.07
			151.50	152.75	K360627	1.25	12.71	1.36	0.04	0.07
			152.75	154.00	K360628	1.25	15.63	1.52	0.06	0.11
			154.00	155.25	K360629	1.25	14.63	1.70	0.06	0.11
			155.25	156.50	K360630	1.25	13.10	0.85	0.03	0.05
155.85	169.00	I3H; CG; FR; SHR <b>Gabbroic anorthosite; Coarse-grained; Fractured; Sheared</b> Greenish beige, coarse-grained (5 mm) gabbroic anorthosite composed of 80-85% subedral PG and 15-20% dark green CL+ mafic minerals; 1-2% anedral purplish apatite; PG are locally EP+; Tr of disseminated PY; absence of iron oxides; fairly fractured unit (40°-50° and 60° CA) with intervals of broken core; affected by pluridecimeteric wide fault zones; strongly sheared intervals (e.g. 151.50-151.75); intersected by few pluridecimeteric wide, medium-grained, tonalitic dykes (<25 cm)								
156.15	156.75	FZ <b>Fault zone</b> Dark green, strongly CL+ fault zone; crumbly material; U/C oriented at 15° CA								
162.95	163.22	FZ <b>Fault zone</b> Strongly CL+ fault zone; schistosed aspect								

# Apella Resources Inc.

169.00 End of DDH  
Number of samples: 74  
Number of QAQC samples: 3  
Total sampled length: 90.26

**CERTIFICATES OF ANALYSIS**



# ALS Chemex

**EXCELLENCE EN ANALYSE CHIMIQUE**

ALS Canada Ltd.

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SUITE 1600  
543 GRANVILLE STREET  
VANCOUVER BC V6C 1X8

Page: 1  
Finalisée date: 2-MARS-2010  
Compte: PET

## CERTIFICAT TM10015994

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 133 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 10-FEVR-2010.

Les résultats sont transmis à:

DON FORAN

ROGER MOAR

PAT OBRIEN

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
Au-AA24	Au 50 g FA fini AA	AAS

A: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
SUITE 1600  
543 GRANVILLE STREET  
VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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Page: 2 - A

Nombre total de pages: 5 (A - B)

Finalisée date: 2-MARS-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE TM10015994

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA24	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	Au ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %
113404		4.48		43.21	19.56	15.45	10.37	3.19	2.71	0.17	0.02	2.64	0.15	0.194	0.02	<0.01
113405		3.34		26.77	8.34	41.29	7.08	5.57	0.69	0.08	0.05	8.13	0.27	0.059	<0.01	0.02
113406		3.69		44.47	20.04	14.14	10.93	3.14	2.77	0.17	0.01	2.46	0.16	0.185	0.01	<0.01
113407		3.71		45.29	19.05	13.89	11.41	3.71	2.57	0.20	0.01	2.19	0.16	0.160	0.02	<0.01
113408		2.34		51.64	16.26	13.36	7.19	3.24	3.40	0.22	0.01	1.81	0.16	0.098	0.02	<0.01
113409		3.84		29.14	8.69	41.80	4.11	10.82	0.70	0.07	0.03	5.74	0.35	0.031	<0.01	0.01
113410		2.92		39.03	15.38	23.98	8.41	5.69	1.93	0.13	0.03	3.72	0.24	0.135	0.01	0.01
113411		3.26		37.38	10.49	29.16	6.91	9.99	1.14	0.11	0.02	3.09	0.28	0.029	0.01	<0.01
113412		4.22		38.30	18.04	24.08	9.37	5.26	1.93	0.16	0.03	3.50	0.19	0.039	0.01	<0.01
113413		3.27		39.52	13.15	23.88	9.73	6.60	1.62	0.15	0.03	3.49	0.24	0.036	0.01	<0.01
113414		3.06		33.97	11.54	30.82	7.78	6.57	1.09	0.12	0.04	5.02	0.26	0.061	0.01	0.01
113415		3.80		43.97	18.06	14.36	10.99	4.25	2.50	0.23	0.01	2.10	0.16	0.155	0.01	0.01
113416		3.79		42.91	18.16	15.93	10.88	3.62	2.52	0.30	0.01	2.79	0.17	0.213	0.02	0.01
113417		4.13		45.69	19.47	12.24	11.97	4.13	2.59	0.22	0.02	1.73	0.15	0.044	0.02	<0.01
113418		3.53		45.59	17.69	13.76	12.13	5.06	2.25	0.14	0.01	1.89	0.17	0.033	0.01	<0.01
113419		3.81		45.75	18.14	13.50	11.36	4.18	2.58	0.18	0.01	1.97	0.16	0.072	0.02	<0.01
113420		3.56		43.76	16.91	18.05	11.36	5.25	2.20	0.22	0.01	2.35	0.20	0.140	0.01	<0.01
113421		2.93		45.00	14.42	16.18	12.11	7.06	1.86	0.18	0.01	1.72	0.20	0.044	0.01	<0.01
113422		3.39		37.70	12.70	25.88	10.38	5.82	1.37	0.26	0.03	4.58	0.23	0.038	0.01	0.01
113423		3.63		43.51	17.41	16.25	10.64	4.83	2.52	0.46	0.02	2.30	0.17	0.047	0.02	0.01
113424		3.22		40.90	16.21	18.33	10.76	5.15	2.11	0.26	0.02	2.73	0.18	0.031	0.02	<0.01
113425		0.57		96.56	0.63	0.79	0.59	0.14	0.15	0.02	<0.01	0.03	0.01	0.010	0.02	<0.01
113426		3.02		45.53	19.95	12.05	11.65	4.10	2.60	0.18	0.01	1.59	0.14	0.043	0.02	<0.01
113427		3.85		44.93	18.11	13.44	11.71	5.02	2.25	0.17	0.01	1.64	0.15	0.025	0.01	<0.01
113428		3.78		41.96	17.19	17.59	10.66	4.96	1.96	0.28	0.02	2.69	0.18	0.029	0.02	<0.01
113429		3.81		45.80	14.88	13.94	11.45	6.83	2.40	0.43	0.02	1.62	0.18	0.035	0.03	<0.01
113430		3.44		45.53	11.02	17.49	11.64	8.73	1.68	0.24	0.02	2.04	0.23	0.034	0.02	<0.01
113431		3.45		51.02	12.75	11.50	10.42	7.50	2.59	0.31	0.02	0.91	0.18	0.036	0.02	<0.01
113432		2.95		49.68	21.22	8.84	10.00	2.64	3.85	0.41	0.02	1.20	0.10	0.039	0.03	0.01
113433		4.60		44.01	16.31	14.65	12.04	6.08	2.29	0.20	0.02	1.70	0.18	0.030	0.01	<0.01
113434		3.32		43.64	20.85	13.22	11.73	3.26	2.82	0.22	0.03	1.91	0.13	0.052	0.02	<0.01
113435		3.10		45.58	14.21	14.47	13.04	7.22	1.73	0.20	0.03	1.59	0.20	0.022	0.01	<0.01
113436		3.08		42.92	15.65	16.13	11.62	6.08	2.07	0.19	0.03	2.13	0.18	0.025	0.01	<0.01
113437		3.60		44.84	12.13	17.11	11.68	8.42	1.54	0.14	0.02	1.68	0.23	0.023	0.01	<0.01
113438		3.88		48.72	11.24	13.37	12.05	9.05	1.79	0.11	0.01	0.79	0.23	0.022	0.01	<0.01
113439		2.97		41.88	11.51	20.74	10.77	8.07	1.40	0.11	0.03	2.59	0.23	0.022	0.01	<0.01
113440		4.16		48.79	9.15	15.62	13.21	10.81	1.19	0.05	0.01	0.87	0.28	0.035	0.01	<0.01
113441		3.36		44.06	20.40	14.92	10.68	4.03	2.55	0.10	0.04	2.07	0.14	0.045	0.01	<0.01
113442		3.84		44.82	13.83	16.51	11.75	7.52	1.76	0.12	0.03	1.69	0.21	0.022	0.01	<0.01
113443		3.54		46.54	14.24	14.57	12.81	7.87	1.74	0.05	0.02	1.34	0.21	0.020	0.01	<0.01



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Page: 2 - B  
Nombre total de pages: 5 (A - B)  
Finalisée date: 2-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE TM10015994

Description échantillon	Méthode élément unités L.D.	ME-XRF08	ME-XRF06	V-XRF10
		LOI	Total	V
		%	%	%
		0.01	0.01	0.01
113404		0.96	98.64	0.09
113405		-0.10	98.24	0.34
113406		1.61	100.10	0.07
113407		1.22	99.88	0.07
113408		1.17	98.68	0.05
113409		-0.17	99.11	0.23
113410		1.11	99.81	0.11
113411		0.83	99.44	0.14
113412		0.65	99.57	0.15
113413		0.80	99.26	0.14
113414		1.35	98.63	0.18
113415		1.71	98.51	0.07
113416		1.41	98.94	0.08
113417		1.57	100.05	0.08
113418		1.29	100.05	0.06
113419		0.82	98.74	0.06
113420		1.36	99.82	0.08
113421		1.29	100.10	0.09
113422		0.63	99.63	0.18
113423		1.55	99.73	0.10
113424		1.92	98.62	0.12
113425		0.21	99.16	0.01
113426		1.01	98.86	0.07
113427		1.42	98.89	0.08
113428		1.38	98.91	0.11
113429		2.07	99.68	0.09
113430		1.42	100.10	0.11
113431		1.48	98.73	0.06
113432		1.94	99.98	0.07
113433		2.16	99.68	0.09
113434		1.86	99.73	0.09
113435		1.57	99.87	0.09
113436		1.58	98.61	0.11
113437		1.29	99.10	0.10
113438		1.22	98.61	0.06
113439		0.95	98.31	0.13
113440		-0.32	99.70	0.06
113441		0.46	99.51	0.10
113442		1.10	99.37	0.10
113443		0.12	99.54	0.08



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Page: 3 - A

Nombre total de pages: 5 (A - B)

Finalisée date: 2-MARS-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE TM10015994

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA24	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	
		Poids reçu kg	Au ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %
		0.02	0.005	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01
113444		3.49		48.09	16.86	11.01	13.15	6.60	2.11	0.09	0.02	0.87	0.17	0.018	0.01	<0.01
113445		3.49		47.92	20.96	8.08	12.52	4.03	2.81	0.10	0.01	0.79	0.11	0.023	0.02	<0.01
113446		3.55		45.68	21.91	11.09	11.16	3.56	2.78	0.10	0.02	1.38	0.12	0.041	0.02	<0.01
113447		3.58		48.07	20.78	10.67	10.85	4.35	2.73	0.14	0.01	0.94	0.13	0.037	0.01	<0.01
113448		3.61		46.21	18.43	12.52	11.74	5.52	2.33	0.07	0.02	1.24	0.16	0.031	0.02	<0.01
113449		3.62		47.12	19.75	11.46	11.83	4.95	2.56	0.07	0.02	1.19	0.14	0.031	0.02	<0.01
113450		3.57		42.78	18.60	17.17	11.17	4.98	2.35	0.07	0.04	2.60	0.16	0.033	0.02	<0.01
113451		3.36		47.54	22.25	9.61	11.65	3.82	2.91	0.09	0.01	1.01	0.11	0.037	0.02	<0.01
113452		2.49		45.33	17.70	13.28	11.29	5.32	2.24	0.43	0.02	1.69	0.16	0.025	0.02	<0.01
113453		2.52		38.98	8.80	25.99	11.17	8.55	0.75	0.08	0.03	4.01	0.27	0.019	0.01	<0.01
113454		3.66		45.60	16.88	13.84	10.98	5.85	2.31	0.43	0.02	1.74	0.17	0.030	0.02	<0.01
113455		3.41		47.03	14.81	14.73	11.59	6.22	1.88	0.21	0.02	1.75	0.18	0.020	0.01	<0.01
113456		4.14		41.64	9.20	20.36	10.81	8.10	1.45	0.17	0.03	2.94	0.21	0.023	0.01	0.01
113457		3.59		45.11	18.43	12.52	10.29	4.44	3.01	0.49	0.02	1.55	0.14	0.033	0.02	0.01
113459		3.41		47.39	23.21	9.06	10.26	2.62	3.19	0.25	0.04	1.22	0.09	0.056	0.02	<0.01
113460		3.80		43.14	15.33	18.61	9.34	5.95	2.18	0.38	0.05	2.60	0.18	0.041	0.01	<0.01
113461		3.29		43.59	19.78	13.52	10.75	4.02	2.67	0.23	0.04	1.83	0.13	0.034	0.02	<0.01
113462		3.52		42.00	19.70	16.71	10.17	4.27	2.45	0.38	0.05	2.46	0.15	0.030	0.02	<0.01
113463		3.15		31.61	6.84	36.84	4.48	9.69	1.12	0.08	0.05	5.18	0.30	0.037	0.01	<0.01
113464		2.88		23.04	3.32	44.38	5.13	10.74	0.19	0.07	0.02	6.23	0.35	0.025	<0.01	0.01
113465		3.33		32.39	4.91	34.47	7.00	12.25	0.26	0.05	0.02	4.12	0.31	0.027	<0.01	0.01
113466		3.31		34.39	5.57	33.25	6.44	11.51	0.37	0.05	0.02	4.33	0.34	0.018	<0.01	<0.01
113467		3.14		35.03	10.22	30.56	7.61	8.63	1.21	0.19	0.02	4.50	0.27	0.022	0.01	0.01
113468		3.19		41.00	16.93	20.19	9.46	6.19	2.14	0.31	0.03	2.59	0.20	0.028	0.01	<0.01
113469		3.36		28.25	3.10	43.21	4.17	13.15	0.24	0.06	0.03	5.07	0.37	0.019	<0.01	0.01
113470		3.47		31.42	2.37	39.97	6.25	12.07	0.22	0.05	0.03	5.08	0.34	0.017	<0.01	0.01
113471		3.32		34.73	5.15	32.28	9.48	10.68	0.28	0.04	0.03	4.40	0.35	0.017	<0.01	<0.01
113472		3.05		36.03	5.36	31.25	9.79	10.45	0.51	0.07	0.03	4.27	0.30	0.018	<0.01	<0.01
113473		3.21		33.13	3.65	36.29	9.04	10.73	0.27	0.03	0.03	5.36	0.33	0.018	<0.01	<0.01
113474		3.20		29.65	3.12	40.02	7.39	11.01	0.27	0.03	0.06	6.90	0.32	0.017	<0.01	0.01
113475		3.50		27.78	3.53	42.10	7.38	9.27	0.29	0.04	0.05	7.16	0.31	0.017	<0.01	0.01
113476		3.62		29.32	4.87	39.55	8.07	9.04	0.43	0.07	0.04	6.71	0.31	0.018	<0.01	0.01
113477		3.30		34.26	9.31	28.68	10.32	7.64	1.53	0.26	0.03	4.35	0.25	0.037	0.01	0.02
113478		3.78		28.00	3.58	42.63	8.54	9.27	0.23	0.03	0.04	7.75	0.32	0.016	<0.01	0.02
113479		4.26		18.36	2.99	55.11	4.85	8.04	0.14	0.02	0.05	10.38	0.33	0.018	<0.01	0.02
113480		3.15		37.73	14.47	25.79	8.61	6.67	1.64	0.19	0.06	3.87	0.21	0.051	0.01	<0.01
113481		3.15		32.02	12.93	33.09	5.68	8.48	1.15	0.30	0.07	4.24	0.26	0.026	0.01	0.01
113482		3.53		23.33	1.97	49.35	1.94	14.00	0.11	0.03	0.04	6.17	0.36	0.016	<0.01	0.01
113483		3.29		28.39	3.85	45.07	2.28	11.75	0.77	0.06	0.04	6.25	0.32	0.017	<0.01	0.01
113484		3.27		31.07	4.81	40.08	2.83	13.66	0.80	0.11	0.03	4.96	0.34	0.029	<0.01	0.01



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Page: 3 - B  
Nombre total de pages: 5 (A - B)  
Finalisée date: 2-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE TM10015994

Description échantillon	Méthode élément unités L.D.	ME-XRF08	ME-XRF08	V-XRF10
		LOI %	Total %	V %
113444		0.95	99.94	0.06
113445		0.94	98.30	0.05
113446		0.60	98.45	0.07
113447		0.42	98.93	0.06
113448		0.02	98.30	0.07
113449		0.26	99.39	0.07
113450		-0.18	99.77	0.13
113451		0.31	99.37	0.06
113452		1.58	99.08	0.09
113453		0.48	99.12	0.19
113454		1.33	99.20	0.09
113455		1.29	99.75	0.10
113456		3.73	98.68	0.13
113457		2.11	98.17	0.08
113459		0.85	98.25	0.06
113460		1.07	98.89	0.12
113461		1.58	98.19	0.08
113462		1.60	100.00	0.10
113463		2.36	98.39	0.20
113464		4.63	98.14	0.20
113465		2.75	98.57	0.15
113466		0.59	98.88	0.16
113467		0.76	99.05	0.17
113468		0.94	100.00	0.11
113469		0.92	98.59	0.21
113470		0.53	98.35	0.22
113471		1.09	98.52	0.20
113472		0.45	98.53	0.19
113473		-0.10	98.78	0.23
113474		0.57	99.37	0.28
113475		0.68	98.62	0.29
113476		0.21	98.65	0.28
113477		3.15	99.83	0.17
113478		-0.43	100.00	0.29
113479		-1.18	99.12	0.38
113480		0.56	99.86	0.15
113481		1.63	99.90	0.18
113482		1.90	99.22	0.28
113483		0.67	99.48	0.30
113484		0.84	99.58	0.22



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Page: 4 - A

Nombre total de pages: 5 (A - B)

Finalisée date: 2-MARS-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE TM10015994

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA24	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	Au ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %
		0.02	0.005	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
113485		3.34		25.20	2.01	49.04	1.17	14.98	0.09	0.02	0.04	6.37	0.39	0.017	<0.01	0.01
113486		2.84		20.77	2.25	53.59	0.96	13.59	0.09	0.02	0.06	7.74	0.37	0.016	<0.01	0.01
113487		4.18		6.26	3.02	70.03	0.08	6.00	0.10	0.02	0.04	15.16	0.34	0.014	<0.01	0.03
113488		4.47		5.12	3.35	70.96	0.32	5.11	0.11	0.02	0.04	15.92	0.34	0.013	<0.01	0.03
113489		4.06		14.09	3.09	60.05	3.99	6.30	0.13	0.02	0.03	13.08	0.34	0.016	<0.01	0.02
113490		4.28		14.47	3.21	59.71	3.98	6.26	0.15	0.02	0.04	12.97	0.34	0.014	<0.01	0.03
113491		4.02		17.33	3.08	56.30	4.81	6.76	0.16	0.02	0.03	11.83	0.33	0.016	<0.01	0.03
113492		0.34		97.25	0.27	1.30	0.22	0.15	0.16	0.02	<0.01	0.15	0.01	0.011	0.01	<0.01
113493		4.01		15.15	3.12	58.75	4.45	5.92	0.15	0.02	0.04	12.19	0.32	0.016	<0.01	0.02
113494		3.96		13.80	3.08	60.35	3.86	5.78	0.14	0.02	0.04	12.76	0.32	0.015	<0.01	0.03
113495		4.30		13.59	3.21	60.48	3.61	5.88	0.14	0.02	0.03	13.31	0.33	0.016	<0.01	0.03
113496		4.08		12.00	3.12	62.83	2.71	5.68	0.14	0.02	0.03	13.69	0.32	0.016	<0.01	0.03
113497		3.73		15.20	3.04	59.14	4.32	6.37	0.15	0.02	0.03	12.26	0.32	0.016	<0.01	0.03
113498		4.05		14.67	3.05	60.03	3.82	6.19	0.13	0.02	0.03	12.45	0.33	0.014	<0.01	0.02
113499		4.13		18.13	3.49	55.17	5.01	7.02	0.16	0.02	0.03	10.55	0.32	0.015	<0.01	0.03
113500		3.42		33.32	6.24	35.89	8.52	9.36	0.63	0.05	0.02	5.56	0.32	0.020	<0.01	0.01
113551		3.55		24.07	3.42	48.49	6.15	8.22	0.22	0.03	0.03	9.35	0.32	0.014	<0.01	0.02
113552		4.70		19.84	3.28	53.63	5.34	7.38	0.19	0.02	0.03	10.66	0.33	0.014	<0.01	0.02
113553		3.34		23.20	4.92	49.00	5.95	7.27	0.36	0.04	0.03	8.93	0.31	0.015	<0.01	0.02
113554		3.77		25.47	6.30	44.93	6.46	7.13	0.47	0.06	0.03	8.29	0.31	0.030	<0.01	0.02
113555		3.35		33.67	6.52	34.59	8.92	8.75	0.58	0.06	0.02	5.24	0.30	0.023	<0.01	0.01
113556		3.93		26.46	4.98	43.54	7.48	7.93	0.36	0.04	0.03	8.22	0.32	0.016	<0.01	0.01
113557		3.82		26.35	4.66	45.74	6.25	8.31	0.38	0.03	0.02	7.86	0.31	0.015	<0.01	0.02
113558		3.87		25.64	4.28	47.04	5.98	8.39	0.34	0.03	0.03	8.16	0.33	0.015	<0.01	0.01
113559		3.93		27.39	5.39	43.50	7.61	7.91	0.46	0.03	0.02	7.69	0.30	0.018	<0.01	0.01
113560		3.70		27.26	6.59	43.05	7.64	7.16	0.61	0.04	0.03	7.66	0.28	0.014	<0.01	0.02
113561		3.05		34.86	8.38	32.65	10.36	7.56	0.88	0.05	0.02	4.81	0.26	0.014	<0.01	<0.01
113562		3.67		32.87	7.48	34.68	9.74	8.78	0.71	0.04	0.03	5.57	0.28	0.018	<0.01	<0.01
113563		3.50		34.22	8.21	32.88	10.09	7.35	0.93	0.03	0.03	5.24	0.26	0.014	<0.01	0.01
113564		3.14		34.28	7.52	32.95	10.37	7.90	0.85	0.03	0.02	5.25	0.28	0.015	<0.01	0.01
113565		3.91		29.10	5.28	40.50	8.56	7.93	0.51	0.04	0.03	6.69	0.29	0.014	<0.01	0.01
113566		3.61		32.59	6.10	35.56	9.33	8.56	0.50	0.05	0.03	5.60	0.29	0.015	<0.01	0.01
113567		0.60		96.90	0.26	0.68	0.17	0.13	0.18	0.02	<0.01	0.05	0.01	0.011	0.01	<0.01
113568		3.45		32.66	5.51	36.81	8.44	8.49	0.66	0.08	0.02	5.82	0.29	0.015	<0.01	0.01
113569		3.52		36.83	6.89	32.44	9.00	9.38	0.77	0.03	0.02	4.07	0.30	0.014	0.01	0.01
113570		3.92		23.17	5.89	48.09	5.38	6.91	0.53	0.03	0.04	8.73	0.30	0.014	<0.01	0.02
113571		3.12		37.94	8.96	27.48	10.70	8.09	1.01	0.06	0.02	4.20	0.26	0.014	0.01	<0.01
113572		3.76		27.06	8.25	41.68	7.60	6.30	0.79	0.05	0.04	7.30	0.26	0.014	<0.01	0.01
113573		3.24		38.00	11.46	26.47	10.35	7.29	1.36	0.10	0.03	4.33	0.24	0.015	0.01	0.01
113574		3.35		42.45	11.61	20.64	11.34	8.12	1.42	0.09	0.02	2.44	0.24	0.015	0.01	<0.01



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Page: 4 - B  
Nombre total de pages: 5 (A - B)  
Finalisée date: 2-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE TM10015994

Description échantillon	Méthode élément unités L.D.	ME-XRF06	ME-XRF06	V-XRF10
		LOI %	Total %	V %
113485		0.49	99.82	0.26
113486		0.23	99.69	0.30
113487		-1.26	99.83	0.46
113488		-1.64	99.69	0.45
113489		-1.26	99.89	0.38
113490		-1.28	99.91	0.40
113491		-1.28	99.21	0.38
113492		0.08	99.63	0.02
113493		-1.25	98.89	0.41
113494		-0.98	99.03	0.42
113495		-0.83	99.81	0.39
113496		-0.74	99.84	0.40
113497		-1.23	99.66	0.38
113498		-0.95	99.81	0.41
113499		-0.90	99.04	0.39
113500		-0.06	99.87	0.22
113551		-0.34	99.99	0.33
113552		-0.74	99.99	0.36
113553		-0.46	99.58	0.34
113554		0.03	99.53	0.31
113555		0.78	99.47	0.21
113556		0.40	99.79	0.29
113557		-0.63	99.31	0.30
113558		-0.35	99.89	0.31
113559		-0.55	99.78	0.30
113560		-0.51	99.85	0.31
113561		0.15	100.00	0.21
113562		-0.17	100.05	0.24
113563		-0.75	98.51	0.23
113564		-0.62	98.85	0.23
113565		-0.40	98.55	0.28
113566		-0.05	98.58	0.24
113567		0.12	98.54	0.01
113568		-0.36	98.45	0.25
113569		-0.10	99.66	0.19
113570		-0.80	98.29	0.36
113571		-0.14	98.60	0.18
113572		-0.59	98.76	0.33
113573		0.17	99.83	0.19
113574		0.39	98.78	0.13





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Page: 5 - B  
Nombre total de pages: 5 (A - B)  
Finalisée date: 2-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE TM10015994

Description échantillon	Méthode élément unités L.D.	ME-XRF06	ME-XRF06	V-XRF10
		LOI %	Total %	V %
113575		-0.43	98.66	0.27
113576		-0.49	98.22	0.39
113577		-0.49	98.34	0.29
113578		0.03	98.25	0.29
113579		0.34	98.49	0.22
113580		-1.18	99.36	0.37
113581		-0.30	98.46	0.38
113582		0.54	98.48	0.06
113583		0.29	98.68	0.14
113584		1.08	99.72	0.07
113585		0.75	99.03	0.07
113586		1.94	98.69	0.08
113458				





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Page: 1  
Finalized Date: 2-MAR-2010  
Account: PET

## CERTIFICATE TM10015994

Project: IT  
P.O. No.:  
This report is for 133 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 10-FEB-2010.  
The following have access to data associated with this certificate:

DON FORAN	ROGER MOAR	PAT OBRIEN
-----------	------------	------------

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
V-XRF10	Fusion XRF - V Ore Grade	XRF
Au-AA24	Au 50g FA AA finish	AAS

To: APELLA RESOURCES INC.  
ATTN: DON FORAN  
SUITE 1600  
543 GRANVILLE STREET  
VANCOUVER BC V6C 1X8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 5 (A - B)  
Finalized Date: 2-MAR-2010  
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## CERTIFICATE OF ANALYSIS TM10015994

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA24	ME-XRF08	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Recvd Wt. kg	Au ppm	SIO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %
113404		4.48		43.21	19.56	15.45	10.37	3.19	2.71	0.17	0.02	2.64	0.15	0.194	0.02	<0.01
113405		3.34		26.77	8.34	41.29	7.08	5.57	0.69	0.08	0.05	8.13	0.27	0.059	<0.01	0.02
113406		3.69		44.47	20.04	14.14	10.93	3.14	2.77	0.17	0.01	2.46	0.16	0.185	0.01	<0.01
113407		3.71		45.29	19.05	13.89	11.41	3.71	2.57	0.20	0.01	2.19	0.16	0.160	0.02	<0.01
113408		2.34		51.64	16.26	13.36	7.19	3.24	3.40	0.22	0.01	1.91	0.16	0.098	0.02	<0.01
113409		3.84		29.14	6.69	41.80	4.11	10.62	0.70	0.07	0.03	5.74	0.35	0.031	<0.01	0.01
113410		2.92		39.03	15.38	23.98	8.41	5.69	1.93	0.13	0.03	3.72	0.24	0.135	0.01	0.01
113411		3.26		37.38	10.49	29.16	6.91	9.99	1.14	0.11	0.02	3.09	0.28	0.029	0.01	<0.01
113412		4.22		38.30	16.04	24.08	9.37	5.26	1.93	0.16	0.03	3.50	0.19	0.039	0.01	<0.01
113413		3.27		39.52	13.15	23.88	9.73	6.60	1.62	0.15	0.03	3.49	0.24	0.036	0.01	<0.01
113414		3.06		33.97	11.54	30.82	7.78	6.57	1.09	0.12	0.04	5.02	0.26	0.061	0.01	0.01
113415		3.80		43.87	18.06	14.36	10.99	4.25	2.50	0.23	0.01	2.10	0.16	0.155	0.01	0.01
113416		3.79		42.91	18.16	15.93	10.88	3.62	2.52	0.30	0.01	2.79	0.17	0.213	0.02	0.01
113417		4.13		45.89	19.47	12.24	11.97	4.13	2.59	0.22	0.02	1.73	0.15	0.044	0.02	<0.01
113418		3.53		45.59	17.69	13.76	12.13	5.06	2.25	0.14	0.01	1.89	0.17	0.033	0.01	<0.01
113419		3.81		45.75	18.14	13.50	11.36	4.18	2.58	0.18	0.01	1.97	0.16	0.072	0.02	<0.01
113420		3.56		43.76	16.91	16.05	11.36	5.25	2.20	0.22	0.01	2.35	0.20	0.140	0.01	<0.01
113421		2.93		45.00	14.42	16.18	12.11	7.06	1.86	0.18	0.01	1.72	0.20	0.044	0.01	<0.01
113422		3.39		37.70	12.70	25.88	10.38	5.82	1.37	0.26	0.03	4.58	0.23	0.038	0.01	0.01
113423		3.63		43.51	17.41	16.25	10.64	4.83	2.52	0.46	0.02	2.30	0.17	0.047	0.02	0.01
113424		3.22		40.90	16.21	18.33	10.76	5.15	2.11	0.26	0.02	2.73	0.18	0.031	0.02	<0.01
113425		0.57		96.56	0.63	0.79	0.59	0.14	0.15	0.02	<0.01	0.03	0.01	0.010	0.02	<0.01
113426		3.02		45.53	19.95	12.05	11.65	4.10	2.60	0.18	0.01	1.59	0.14	0.043	0.02	<0.01
113427		3.85		44.93	18.11	13.44	11.71	5.02	2.25	0.17	0.01	1.64	0.15	0.025	0.01	<0.01
113428		3.78		41.96	17.19	17.59	10.66	4.96	1.96	0.28	0.02	2.69	0.18	0.029	0.02	<0.01
113429		3.81		45.80	14.88	13.94	11.45	6.83	2.40	0.43	0.02	1.62	0.18	0.035	0.03	<0.01
113430		3.44		45.53	11.02	17.49	11.64	8.73	1.68	0.24	0.02	2.04	0.23	0.034	0.02	<0.01
113431		3.45		51.02	12.75	11.50	10.42	7.50	2.59	0.31	0.02	0.91	0.18	0.036	0.02	<0.01
113432		2.95		49.68	21.22	8.84	10.00	2.64	3.85	0.41	0.02	1.20	0.10	0.039	0.03	0.01
113433		4.60		44.01	16.31	14.65	12.04	6.08	2.29	0.20	0.02	1.70	0.18	0.030	0.01	<0.01
113434		3.32		43.64	20.85	13.22	11.73	3.26	2.82	0.22	0.03	1.91	0.13	0.052	0.02	<0.01
113435		3.10		45.58	14.21	14.47	13.04	7.22	1.73	0.20	0.03	1.59	0.20	0.022	0.01	<0.01
113436		3.08		42.92	15.65	16.13	11.62	6.06	2.07	0.19	0.03	2.13	0.18	0.025	0.01	<0.01
113437		3.60		44.84	12.13	17.11	11.66	8.42	1.54	0.14	0.02	1.68	0.23	0.023	0.01	<0.01
113438		3.88		48.72	11.24	13.37	12.05	9.05	1.79	0.11	0.01	0.79	0.23	0.022	0.01	<0.01
113439		2.97		41.88	11.51	20.74	10.77	8.07	1.40	0.11	0.03	2.59	0.23	0.022	0.01	<0.01
113440		4.16		48.79	9.15	15.62	13.21	10.81	1.19	0.05	0.01	0.87	0.28	0.035	0.01	<0.01
113441		3.36		44.06	20.40	14.92	10.68	4.03	2.55	0.10	0.04	2.07	0.14	0.045	0.01	<0.01
113442		3.84		44.82	13.83	16.51	11.75	7.52	1.76	0.12	0.03	1.69	0.21	0.022	0.01	<0.01
113443		3.54		46.54	14.24	14.57	12.81	7.87	1.74	0.05	0.02	1.34	0.21	0.020	0.01	<0.01



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Page: 2 - B  
 Total # Pages: 5 (A - B)  
 Finalized Date: 2-MAR-2010  
 Account: PET

Project: IT

**CERTIFICATE OF ANALYSIS TM10015994**

Sample Description	Method Analyte Units LOR	ME-XRF06	ME-XRF06	V-XRF10
		LOI %	Total %	V %
		0.01	0.01	0.01
113404		0.96	98.64	0.09
113405		-0.10	98.24	0.34
113406		1.61	100.10	0.07
113407		1.22	99.88	0.07
113408		1.17	98.68	0.05
113409		-0.17	99.11	0.23
113410		1.11	99.81	0.11
113411		0.83	99.44	0.14
113412		0.65	99.57	0.15
113413		0.80	99.28	0.14
113414		1.35	98.63	0.18
113415		1.71	98.51	0.07
113418		1.41	98.94	0.08
113417		1.57	100.05	0.08
113418		1.29	100.05	0.08
113419		0.82	98.74	0.06
113420		1.38	99.82	0.08
113421		1.29	100.10	0.09
113422		0.63	99.63	0.18
113423		1.55	99.73	0.10
113424		1.92	98.62	0.12
113425		0.21	99.16	0.01
113426		1.01	98.86	0.07
113427		1.42	98.89	0.08
113428		1.38	98.91	0.11
113429		2.07	99.68	0.09
113430		1.42	100.10	0.11
113431		1.48	98.73	0.06
113432		1.94	99.98	0.07
113433		2.16	99.68	0.09
113434		1.86	99.73	0.09
113435		1.57	99.87	0.09
113436		1.58	98.61	0.11
113437		1.29	99.10	0.10
113438		1.22	98.61	0.06
113439		0.95	98.31	0.13
113440		-0.32	99.70	0.06
113441		0.46	99.51	0.10
113442		1.10	99.37	0.10
113443		0.12	99.54	0.08



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Page: 3 - A

Total # Pages: 5 (A - B)

Finalized Date: 2-MAR-2010

Account: PET

Project: IT

## CERTIFICATE OF ANALYSIS TM10015994

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA24	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Recvd Wt. kg	Au ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %
		0.02	0.005	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
113444		3.49		48.09	18.86	11.01	13.15	6.60	2.11	0.09	0.02	0.87	0.17	0.018	0.01	<0.01
113445		3.49		47.92	20.96	8.06	12.52	4.03	2.81	0.10	0.01	0.79	0.11	0.023	0.02	<0.01
113446		3.55		45.68	21.91	11.09	11.16	3.56	2.78	0.10	0.02	1.38	0.12	0.041	0.02	<0.01
113447		3.56		48.07	20.78	10.67	10.65	4.35	2.73	0.14	0.01	0.94	0.13	0.037	0.01	<0.01
113448		3.81		46.21	18.43	12.52	11.74	5.52	2.33	0.07	0.02	1.24	0.16	0.031	0.02	<0.01
113449		3.62		47.12	19.75	11.46	11.83	4.95	2.56	0.07	0.02	1.19	0.14	0.031	0.02	<0.01
113450		3.57		42.76	18.80	17.17	11.17	4.98	2.35	0.07	0.04	2.60	0.16	0.033	0.02	<0.01
113451		3.36		47.54	22.25	9.61	11.65	3.82	2.91	0.09	0.01	1.01	0.11	0.037	0.02	<0.01
113452		2.49		45.33	17.70	13.28	11.29	5.32	2.24	0.43	0.02	1.69	0.16	0.025	0.02	<0.01
113453		2.52		38.96	8.80	25.99	11.17	8.55	0.75	0.08	0.03	4.01	0.27	0.019	0.01	<0.01
113454		3.66		45.60	16.88	13.84	10.98	5.85	2.31	0.43	0.02	1.74	0.17	0.030	0.02	<0.01
113455		3.41		47.03	14.81	14.73	11.59	6.22	1.88	0.21	0.02	1.75	0.18	0.020	0.01	<0.01
113456		4.14		41.64	9.20	20.36	10.81	8.10	1.45	0.17	0.03	2.94	0.21	0.023	0.01	0.01
113457		3.59		45.11	18.43	12.52	10.29	4.44	3.01	0.49	0.02	1.55	0.14	0.033	0.02	0.01
113459		3.41		47.39	23.21	9.06	10.26	2.62	3.19	0.25	0.04	1.22	0.09	0.056	0.02	<0.01
113460		3.80		43.14	15.33	18.61	9.34	5.95	2.18	0.38	0.05	2.60	0.18	0.041	0.01	<0.01
113461		3.29		43.59	19.78	13.52	10.75	4.02	2.67	0.23	0.04	1.83	0.13	0.034	0.02	<0.01
113462		3.52		42.00	19.70	16.71	10.17	4.27	2.45	0.38	0.05	2.46	0.15	0.030	0.02	<0.01
113463		3.15		31.81	6.84	36.64	4.48	9.69	1.12	0.08	0.05	5.18	0.30	0.037	0.01	<0.01
113464		2.86		23.04	3.32	44.38	5.13	10.74	0.19	0.07	0.02	6.23	0.35	0.025	<0.01	0.01
113465		3.33		32.39	4.91	34.47	7.00	12.25	0.26	0.05	0.02	4.12	0.31	0.027	<0.01	0.01
113466		3.31		34.39	5.57	33.25	8.44	11.51	0.37	0.05	0.02	4.33	0.34	0.018	<0.01	<0.01
113467		3.14		35.03	10.22	30.56	7.61	8.63	1.21	0.19	0.02	4.50	0.27	0.022	0.01	0.01
113468		3.19		41.00	16.93	20.19	9.46	6.19	2.14	0.31	0.03	2.59	0.20	0.028	0.01	<0.01
113469		3.36		28.25	3.10	43.21	4.17	13.15	0.24	0.06	0.03	5.07	0.37	0.019	<0.01	0.01
113470		3.47		31.42	2.37	39.97	6.25	12.07	0.22	0.05	0.03	5.08	0.34	0.017	<0.01	0.01
113471		3.32		34.73	5.15	32.28	9.48	10.68	0.28	0.04	0.03	4.40	0.35	0.017	<0.01	<0.01
113472		3.05		36.03	5.36	31.25	9.79	10.45	0.51	0.07	0.03	4.27	0.30	0.018	<0.01	<0.01
113473		3.21		33.13	3.65	38.29	9.04	10.73	0.27	0.03	0.03	5.36	0.33	0.018	<0.01	<0.01
113474		3.20		29.65	3.12	40.02	7.39	11.01	0.27	0.03	0.06	6.90	0.32	0.017	<0.01	0.01
113475		3.50		27.78	3.53	42.10	7.38	9.27	0.29	0.04	0.05	7.16	0.31	0.017	<0.01	0.01
113476		3.62		29.32	4.87	39.55	8.07	9.04	0.43	0.07	0.04	6.71	0.31	0.018	<0.01	0.01
113477		3.30		34.26	9.31	28.68	10.32	7.64	1.53	0.26	0.03	4.35	0.25	0.037	0.01	0.02
113478		3.78		28.00	3.58	42.63	8.54	9.27	0.23	0.03	0.04	7.75	0.32	0.016	<0.01	0.02
113479		4.26		18.36	2.99	55.11	4.85	8.04	0.14	0.02	0.05	10.38	0.33	0.018	<0.01	0.02
113480		3.15		37.73	14.47	25.79	8.61	6.67	1.64	0.19	0.06	3.87	0.21	0.051	0.01	<0.01
113481		3.15		32.02	12.93	33.09	5.68	8.48	1.15	0.30	0.07	4.24	0.26	0.026	0.01	0.01
113482		3.53		23.33	1.97	49.35	1.94	14.00	0.11	0.03	0.04	6.17	0.36	0.018	<0.01	0.01
113483		3.29		28.39	3.85	45.07	2.28	11.75	0.77	0.06	0.04	6.25	0.32	0.017	<0.01	0.01
113484		3.27		31.07	4.81	40.08	2.83	13.66	0.80	0.11	0.03	4.96	0.34	0.029	<0.01	0.01



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Page: 3 - B  
Total # Pages: 5 (A - B)  
Finalized Date: 2-MAR-2010  
Account: PET

Project: IT

## CERTIFICATE OF ANALYSIS TM10015994

Sample Description	Method Analyte Units LOR	ME-XRF06	ME-XRF06	V-XRF10
		LOI %	Total %	V %
		0.01	0.01	0.01
113444		0.95	99.94	0.06
113445		0.94	98.30	0.05
113446		0.60	98.45	0.07
113447		0.42	98.93	0.06
113448		0.02	98.30	0.07
113449		0.26	99.39	0.07
113450		-0.18	99.77	0.13
113451		0.31	99.37	0.06
113452		1.58	99.08	0.09
113453		0.48	99.12	0.19
113454		1.33	99.20	0.09
113455		1.29	99.75	0.10
113456		3.73	98.68	0.13
113457		2.11	98.17	0.08
113459		0.85	98.25	0.08
113460		1.07	98.89	0.12
113461		1.58	98.19	0.08
113462		1.60	100.00	0.10
113463		2.36	98.39	0.20
113464		4.63	98.14	0.20
113465		2.75	98.57	0.15
113466		0.59	98.88	0.16
113467		0.76	99.05	0.17
113488		0.94	100.00	0.11
113469		0.92	98.59	0.21
113470		0.53	98.35	0.22
113471		1.09	98.52	0.20
113472		0.45	98.53	0.19
113473		-0.10	98.78	0.23
113474		0.57	99.37	0.28
113475		0.68	98.62	0.29
113476		0.21	98.65	0.28
113477		3.15	99.83	0.17
113478		-0.43	100.00	0.29
113479		-1.18	99.12	0.38
113480		0.56	99.86	0.15
113481		1.63	99.90	0.18
113482		1.90	99.22	0.28
113483		0.67	99.48	0.30
113484		0.84	99.58	0.22



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Page: 4 - A  
Total # Pages: 5 (A - B)  
Finalized Date: 2-MAR-2010  
Account: PET

Project: IT

## CERTIFICATE OF ANALYSIS TM10015994

Sample Description	Method	WEI-21	Au-AA24	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Recvd Wt.	Au	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO
	Units	kg	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.005	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01
113485		3.34		25.20	2.01	49.04	1.17	14.98	0.09	0.02	0.04	6.37	0.39	0.017	<0.01	0.01
113486		2.84		20.77	2.25	53.59	0.96	13.59	0.09	0.02	0.08	7.74	0.37	0.016	<0.01	0.01
113487		4.18		6.28	3.02	70.03	0.08	6.00	0.10	0.02	0.04	15.16	0.34	0.014	<0.01	0.03
113488		4.47		5.12	3.35	70.96	0.32	5.11	0.11	0.02	0.04	15.92	0.34	0.013	<0.01	0.03
113489		4.08		14.09	3.09	80.05	3.99	6.30	0.13	0.02	0.03	13.08	0.34	0.016	<0.01	0.02
113490		4.28		14.47	3.21	59.71	3.98	6.26	0.15	0.02	0.04	12.97	0.34	0.014	<0.01	0.03
113491		4.02		17.33	3.08	56.30	4.81	6.76	0.16	0.02	0.03	11.63	0.33	0.016	<0.01	0.03
113492		0.34		97.25	0.27	1.30	0.22	0.15	0.16	0.02	<0.01	0.15	0.01	0.011	0.01	<0.01
113493		4.01		15.15	3.12	58.75	4.45	5.92	0.15	0.02	0.04	12.19	0.32	0.016	<0.01	0.02
113494		3.96		13.60	3.08	60.35	3.86	5.78	0.14	0.02	0.04	12.76	0.32	0.015	<0.01	0.03
113495		4.30		13.59	3.21	60.48	3.61	5.88	0.14	0.02	0.03	13.31	0.33	0.016	<0.01	0.03
113496		4.08		12.00	3.12	62.83	2.71	5.68	0.14	0.02	0.03	13.89	0.32	0.016	<0.01	0.03
113497		3.73		15.20	3.04	59.14	4.32	6.37	0.15	0.02	0.03	12.26	0.32	0.016	<0.01	0.03
113498		4.05		14.67	3.05	80.03	3.82	6.19	0.13	0.02	0.03	12.45	0.33	0.014	<0.01	0.02
113499		4.13		18.13	3.49	55.17	5.01	7.02	0.16	0.02	0.03	10.55	0.32	0.015	<0.01	0.03
113500		3.42		33.32	6.24	35.89	8.52	9.36	0.63	0.05	0.02	5.56	0.32	0.020	<0.01	0.01
113551		3.55		24.07	3.42	48.49	6.15	8.22	0.22	0.03	0.03	9.35	0.32	0.014	<0.01	0.02
113552		4.70		19.84	3.28	53.63	5.34	7.38	0.19	0.02	0.03	10.88	0.33	0.014	<0.01	0.02
113553		3.34		23.20	4.92	49.00	5.95	7.27	0.36	0.04	0.03	8.93	0.31	0.015	<0.01	0.02
113554		3.77		25.47	6.30	44.93	6.46	7.13	0.47	0.08	0.03	8.29	0.31	0.030	<0.01	0.02
113555		3.35		33.87	6.52	34.59	8.92	8.75	0.58	0.06	0.02	5.24	0.30	0.023	<0.01	0.01
113556		3.93		26.46	4.98	43.54	7.48	7.93	0.36	0.04	0.03	8.22	0.32	0.016	<0.01	0.01
113557		3.82		26.35	4.66	45.74	6.25	8.31	0.38	0.03	0.02	7.86	0.31	0.015	<0.01	0.02
113558		3.87		25.64	4.28	47.04	5.98	8.39	0.34	0.03	0.03	8.16	0.33	0.015	<0.01	0.01
113559		3.93		27.39	5.39	43.50	7.61	7.91	0.46	0.03	0.02	7.69	0.30	0.018	<0.01	0.01
113560		3.70		27.26	6.59	43.05	7.64	7.16	0.61	0.04	0.03	7.66	0.28	0.014	<0.01	0.02
113561		3.05		34.86	8.38	32.65	10.36	7.56	0.88	0.05	0.02	4.81	0.26	0.014	<0.01	<0.01
113562		3.67		32.87	7.48	34.68	9.74	8.78	0.71	0.04	0.03	5.57	0.28	0.018	<0.01	<0.01
113563		3.50		34.22	8.21	32.88	10.09	7.35	0.93	0.03	0.03	5.24	0.26	0.014	<0.01	0.01
113564		3.14		34.28	7.52	32.95	10.37	7.90	0.85	0.03	0.02	5.25	0.28	0.015	<0.01	0.01
113565		3.91		29.10	5.28	40.50	8.56	7.93	0.51	0.04	0.03	6.69	0.29	0.014	<0.01	0.01
113566		3.61		32.59	6.10	35.56	9.33	8.56	0.50	0.05	0.03	5.60	0.29	0.015	<0.01	0.01
113567		0.60		96.90	0.26	0.68	0.17	0.13	0.18	0.02	<0.01	0.05	0.01	0.011	0.01	<0.01
113568		3.45		32.66	5.51	36.81	8.44	8.49	0.66	0.08	0.02	5.82	0.29	0.015	<0.01	0.01
113569		3.52		36.83	6.89	32.44	9.00	9.38	0.77	0.03	0.02	4.07	0.30	0.014	0.01	0.01
113570		3.92		23.17	5.89	48.09	5.38	6.91	0.53	0.03	0.04	8.73	0.30	0.014	<0.01	0.02
113571		3.12		37.94	8.96	27.48	10.70	8.09	1.01	0.06	0.02	4.20	0.26	0.014	0.01	<0.01
113572		3.76		27.06	8.25	41.68	7.60	6.30	0.79	0.05	0.04	7.30	0.26	0.014	<0.01	0.01
113573		3.24		38.00	11.46	26.47	10.35	7.29	1.36	0.10	0.03	4.33	0.24	0.015	0.01	0.01
113574		3.35		42.45	11.61	20.64	11.34	8.12	1.42	0.09	0.02	2.44	0.24	0.015	0.01	<0.01



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Page: 4 - B  
Total # Pages: 5 (A - B)  
Finalized Date: 2-MAR-2010  
Account: PET

Project: IT

## CERTIFICATE OF ANALYSIS TM10015994

Sample Description	Method Analyte Units LOR	ME-XRF06	ME-XRF06	V-XRF10
		LOI %	Total %	V %
113485		0.49	99.82	0.26
113486		0.23	99.69	0.30
113487		-1.26	99.83	0.46
113488		-1.64	99.69	0.45
113489		-1.26	99.89	0.38
113490		-1.28	99.91	0.40
113491		-1.28	99.21	0.38
113492		0.08	99.63	0.02
113493		-1.25	98.89	0.41
113494		-0.96	99.03	0.42
113495		-0.83	99.81	0.39
113496		-0.74	99.84	0.40
113497		-1.23	99.66	0.38
113498		-0.95	99.81	0.41
113499		-0.90	99.04	0.39
113500		-0.06	99.87	0.22
113551		-0.34	99.99	0.33
113552		-0.74	99.99	0.36
113553		-0.46	99.58	0.34
113554		0.03	99.53	0.31
113555		0.78	99.47	0.21
113556		0.40	99.79	0.29
113557		-0.63	99.31	0.30
113558		-0.35	99.89	0.31
113559		-0.55	99.78	0.30
113560		-0.51	99.85	0.31
113561		0.15	100.00	0.21
113562		-0.17	100.05	0.24
113563		-0.75	98.51	0.23
113564		-0.62	98.85	0.23
113565		-0.40	98.55	0.28
113566		-0.05	98.58	0.24
113567		0.12	98.54	0.01
113568		-0.36	98.45	0.25
113569		-0.10	99.66	0.19
113570		-0.80	98.29	0.36
113571		-0.14	98.60	0.18
113572		-0.59	98.78	0.33
113573		0.17	99.83	0.19
113574		0.39	98.78	0.13







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Page: 5 - B  
 Total # Pages: 5 (A - B)  
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 Account: PET

Project: IT

**CERTIFICATE OF ANALYSIS TM10015994**

Sample Description	Method Analyte Units LOR	ME-XRF06	ME-XRF06	V-XRF10
		LOI %	Total %	V %
		0.01	0.01	0.01
113575		-0.43	98.66	0.27
113576		-0.49	98.22	0.39
113577		-0.49	98.34	0.29
113578		0.03	98.25	0.29
113579		0.34	98.49	0.22
113580		-1.18	99.36	0.37
113581		-0.30	98.46	0.38
113582		0.54	98.48	0.06
113583		0.29	98.68	0.14
113584		1.08	99.72	0.07
113585		0.75	99.03	0.07
113586		1.94	98.69	0.08
113458				



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À: APELLA RESOURCES INC.  
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Page: 1  
Finalisée date: 5-MARS-2010  
Compte: PET

## CERTIFICAT VO10016741

Projet: IT  
 Bon de commande #:  
 Ce rapport s'applique aux 107 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 15-FEVR-2010.  
 Les résultats sont transmis à:

DON FORAN	ROGER MOAR	PAT O BRIEN
-----------	------------	-------------

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
PUL-21	Pulvériser échantillon entier
BAG-01	Entreposage pulp de ref.
CRU-31	Granulation - 70 % <2 mm

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
Au-AA24	Au 50 g FA fini AA	AAS
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES
ME-XRF06	Roche totale - XRF	XRF

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
SUITE 1600  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

**Signature:**

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Nombre total de pages: 4 (A - B)  
Finalisée date: 5-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10016741

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
113501		5.13	30.74	2.74	43.45	2.01	12.19	0.44	0.05	0.03	5.52	0.34	0.014	0.01	<0.01	1.68
113502		4.01	49.39	14.38	11.91	8.14	5.95	4.12	0.71	0.01	1.19	0.18	0.281	0.09	0.04	1.75
113503		2.01	14.50	3.36	59.87	3.17	5.23	0.20	0.05	0.04	12.17	0.33	0.020	0.01	<0.01	-0.49
113504		3.50	49.75	15.11	11.84	8.64	6.16	3.93	0.73	0.02	1.06	0.16	0.311	0.09	0.04	1.96
113505		3.71	49.14	15.36	12.09	8.82	6.14	3.67	0.76	0.02	1.24	0.17	0.230	0.07	0.06	1.78
113506		1.28	35.51	4.46	38.94	7.02	6.59	0.36	0.17	0.03	6.84	0.27	0.018	0.01	<0.01	0.17
113507		1.84	30.35	5.26	39.43	8.04	7.81	0.40	0.12	0.03	6.59	0.32	0.015	0.01	<0.01	0.11
113508		4.07	49.05	14.40	12.65	9.31	6.59	3.85	0.49	0.02	1.23	0.17	0.290	0.08	0.02	1.58
113509		3.84	24.82	4.44	47.25	6.07	7.71	0.31	0.06	0.04	8.22	0.32	0.016	0.01	<0.01	0.21
113510		2.98	37.95	9.68	27.10	11.17	7.28	1.12	0.13	0.02	4.00	0.25	0.014	0.02	<0.01	-0.34
113511		3.51	37.64	9.44	29.05	11.20	7.51	1.13	0.04	0.03	4.41	0.26	0.014	0.02	<0.01	-0.94
113512		3.09	40.67	13.70	22.62	11.60	5.87	1.69	0.07	0.02	3.38	0.21	0.015	0.02	<0.01	-0.16
113513		3.08	35.51	10.62	29.85	10.74	6.26	1.07	0.09	0.03	4.85	0.24	0.015	0.02	<0.01	0.23
113514		3.82	35.12	9.44	31.16	10.87	7.11	1.04	0.04	0.03	4.97	0.26	0.015	0.02	<0.01	-0.39
113515		3.68	31.25	7.03	36.90	9.51	7.14	0.61	0.06	0.03	6.22	0.28	0.013	0.02	<0.01	-0.37
113516		3.49	35.10	8.01	32.60	10.02	7.29	0.83	0.16	0.03	5.32	0.28	0.013	0.01	<0.01	0.07
113517		3.31	38.38	7.44	31.20	9.86	8.55	0.84	0.07	0.02	4.84	0.29	0.013	0.01	<0.01	-0.57
113518		3.47	42.23	8.49	23.98	10.75	9.50	1.00	0.06	0.02	2.81	0.29	0.013	0.01	<0.01	-0.37
113519		3.32	29.34	6.58	41.04	7.50	7.98	0.62	0.05	0.03	6.84	0.32	0.012	0.02	<0.01	-0.44
113520		3.26	34.03	7.33	34.00	9.83	7.99	0.74	0.07	0.02	5.13	0.28	0.012	0.01	<0.01	0.06
113521		3.49	28.29	7.88	40.32	8.19	6.42	0.81	0.05	0.03	7.23	0.27	0.013	0.01	<0.01	-1.14
113522		3.36	41.12	12.26	22.59	11.43	7.23	1.45	0.06	0.02	3.13	0.23	0.015	0.02	<0.01	-0.04
113523		2.91	43.57	17.92	16.22	11.43	4.77	2.23	0.23	0.02	2.21	0.16	0.020	0.02	<0.01	0.92
113524		3.11	48.02	14.12	15.55	12.65	7.48	1.73	0.10	0.02	1.46	0.21	0.019	0.02	<0.01	0.26
113525		3.48	43.66	15.71	16.97	11.84	5.74	1.92	0.11	0.02	2.03	0.18	0.016	0.02	<0.01	0.33
113526		3.20	60.20	16.41	7.64	6.51	2.52	3.89	0.37	0.01	0.84	0.11	0.224	0.03	0.01	0.77
113527		3.15	58.59	16.47	8.21	6.72	2.61	3.95	0.26	0.01	0.92	0.11	0.205	0.02	0.01	0.70
113528		1.77														
113529		4.35	41.10	12.55	22.20	11.63	7.53	1.33	0.06	0.05	2.58	0.22	0.016	0.02	<0.01	0.28
113530		2.43	45.82	20.41	11.06	11.54	5.20	2.42	0.08	0.03	0.80	0.13	0.019	0.02	<0.01	1.00
113531		2.35	45.77	20.82	11.22	11.23	5.21	2.45	0.08	0.02	0.70	0.13	0.021	0.02	<0.01	1.02
113532		0.58	98.35	0.47	0.59	0.12	0.14	0.17	0.01	<0.01	<0.01	0.01	0.010	0.01	<0.01	0.10
113533		3.59	44.05	15.94	15.80	10.73	6.34	2.11	0.16	0.02	1.65	0.19	0.016	0.02	<0.01	2.50
113534		3.07	41.82	16.23	17.26	10.67	5.52	1.76	0.22	0.03	2.07	0.19	0.029	0.02	<0.01	2.44
113535		2.29	33.61	5.66	35.53	5.32	12.28	0.43	0.07	0.03	3.58	0.34	0.029	0.01	<0.01	2.41
113536		1.73	36.33	10.15	26.68	5.53	11.86	0.94	0.15	0.03	2.33	0.29	0.036	0.01	<0.01	2.94
113537		3.14	22.70	4.27	49.46	1.56	11.13	0.25	0.05	0.04	6.20	0.36	0.021	0.01	<0.01	3.11
113538		3.32	15.46	2.47	58.27	1.55	9.56	0.11	0.02	0.04	9.85	0.39	0.016	<0.01	0.02	1.17
113539		3.99	16.05	2.90	57.40	2.21	8.24	0.12	0.02	0.04	11.08	0.34	0.015	<0.01	0.02	0.49
113540		3.83	14.25	2.83	80.10	1.67	8.35	0.11	0.02	0.05	11.29	0.35	0.015	<0.01	0.02	0.35



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Page: 2 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 5-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10016741

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	Au-AA24	ME-ICP61	ME-ICP61
		Total %	V %	Au ppm	Cu ppm	Ni ppm
113501		99.22	0.24			
113502		98.14	0.05			
113503		98.46	0.42			
113504		99.81	0.05			
113505		99.55	0.05			
113506		98.39	0.27	0.034		
113507		98.46	0.29			
113508		99.74	0.05			
113509		99.47	0.36			
113510		98.39	0.19			
113511		99.80	0.21			
113512		99.71	0.18			
113513		99.52	0.21			
113514		99.68	0.23			
113515		98.69	0.27			
113516		99.74	0.23			
113517		98.55	0.21			
113518		98.77	0.14			
113519		99.89	0.31			
113520		99.51	0.23			
113521		98.38	0.31			
113522		99.52	0.15			
113523		99.73	0.11			
113524		99.64	0.08			
113525		98.55	0.10			
113526		99.52	0.03			
113527		98.78	0.03			
113528				<0.005	963	213
113529		99.57	0.15			
113530		98.53	0.06			
113531		98.70	0.05			
113532		99.98	0.01			
113533		99.53	0.09			
113534		98.27	0.10			
113535		99.50	0.17			
113536		99.29	0.10			
113537		99.17	0.28			
113538		98.91	0.32			
113539		98.92	0.35			
113540		99.40	0.41			



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Page: 3 - A

Nombre total de pages: 4 (A - B)

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Projet: IT

## CERTIFICAT D'ANALYSE VO10016741

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
113541		3.55	28.60	6.07	40.08	4.38	11.76	0.44	0.03	0.05	5.17	0.30	0.020	<0.01	<0.01	2.23
113542		3.51	32.25	9.62	34.97	6.44	9.78	0.99	0.10	0.06	4.82	0.29	0.025	0.01	<0.01	0.51
113543		3.48	29.53	5.42	40.50	6.32	10.89	0.44	0.05	0.07	5.99	0.32	0.018	<0.01	0.01	0.28
113544		2.84	51.21	14.02	16.10	6.57	4.10	4.17	0.27	0.01	2.21	0.21	0.213	0.02	0.01	0.67
113545		3.35	21.12	8.99	48.44	5.06	5.09	0.70	0.06	0.07	9.32	0.27	0.022	<0.01	0.02	-0.33
113546		3.19	44.00	13.90	18.56	10.29	8.37	1.67	0.14	0.04	1.85	0.24	0.025	0.01	<0.01	0.96
113547		3.07	30.54	10.50	34.85	6.69	7.60	1.05	0.08	0.11	5.80	0.28	0.021	0.01	0.01	1.50
113548		2.95	30.13	9.25	35.95	5.90	9.30	1.02	0.09	0.05	5.72	0.28	0.022	<0.01	0.01	2.02
113549		3.03	38.17	11.28	25.66	7.70	10.61	1.02	0.08	0.02	2.69	0.27	0.027	0.01	<0.01	2.10
113550		2.33	15.07	5.76	57.80	2.20	6.42	0.37	0.05	0.05	11.17	0.32	0.017	<0.01	0.02	0.40
113587		3.93	44.07	17.99	15.66	11.15	5.17	2.24	0.37	0.05	2.17	0.15	0.025	0.02	<0.01	1.04
113588		3.53	48.08	19.86	13.23	9.22	4.00	3.00	0.70	0.04	1.80	0.13	0.034	0.02	0.01	1.80
113589		3.02	27.16	2.18	44.21	1.24	16.27	0.10	0.04	0.02	4.97	0.38	0.028	<0.01	0.01	3.20
113590		3.13	24.99	2.68	47.78	1.50	13.18	0.10	0.02	0.03	6.54	0.32	0.022	<0.01	0.01	2.74
113591		3.41	25.74	3.10	46.19	5.58	9.98	0.18	0.04	0.02	8.30	0.33	0.021	<0.01	0.01	0.04
113592		2.96	26.31	2.91	44.63	6.20	11.47	0.15	0.03	0.02	7.42	0.34	0.021	<0.01	0.02	0.36
113593		2.74	28.60	2.69	42.75	5.86	11.88	0.16	0.06	0.02	6.81	0.36	0.023	<0.01	0.01	0.60
113594		1.86	75.02	13.20	2.81	0.79	0.68	6.54	0.11	<0.01	0.11	0.04	0.020	0.01	<0.01	0.57
113595		4.79	26.77	2.85	44.80	5.51	11.49	0.19	0.04	0.02	7.19	0.35	0.019	<0.01	0.02	0.42
113596		2.70	54.47	14.50	13.20	6.98	3.69	3.71	0.40	0.01	1.72	0.19	0.239	0.03	<0.01	0.66
113597		3.64	55.28	15.04	12.41	6.84	3.42	3.75	0.48	0.01	1.59	0.17	0.217	0.02	0.02	0.49
113598		3.91	32.66	5.19	37.91	7.07	7.82	0.86	0.14	0.04	6.96	0.30	0.030	<0.01	0.01	-0.13
113599		2.96	39.36	7.97	30.78	4.72	9.84	1.73	0.19	0.03	4.09	0.27	0.048	0.01	0.01	0.86
113600		3.61	25.19	2.14	48.06	2.63	13.24	0.12	0.03	0.03	6.63	0.37	0.016	<0.01	0.01	1.34
113601		2.18	43.02	20.50	14.18	10.15	4.40	2.92	0.28	0.01	1.62	0.13	0.018	0.02	<0.01	2.72
113602		2.21	42.11	21.55	14.05	11.88	3.21	1.91	0.23	0.01	0.66	0.09	0.022	0.02	<0.01	3.58
113603		3.14	7.18	3.56	67.34	1.12	4.51	0.16	0.02	0.05	15.89	0.32	0.012	<0.01	0.03	-1.40
113604		3.00	8.60	3.39	66.50	1.98	5.01	0.12	0.02	0.05	14.79	0.32	0.014	<0.01	0.03	-0.93
113605		3.92	7.87	3.31	66.77	1.92	4.39	0.11	0.03	0.06	14.40	0.29	0.013	<0.01	0.03	-0.04
113606		4.71	10.53	4.18	61.88	3.26	4.60	0.17	0.02	0.05	12.95	0.29	0.014	<0.01	0.03	0.52
113607		3.37	38.74	11.48	25.56	10.44	7.45	1.29	0.12	0.03	3.74	0.23	0.018	0.01	<0.01	0.76
113608		3.33	33.42	9.17	33.70	8.99	7.80	0.90	0.06	0.04	5.28	0.25	0.017	<0.01	<0.01	0.16
113609		2.98	43.77	14.65	16.85	12.42	6.74	1.78	0.15	0.02	2.18	0.19	0.020	0.01	<0.01	1.02
113610		3.23	42.53	13.01	19.82	12.26	6.83	1.55	0.12	0.03	2.59	0.21	0.014	0.02	<0.01	0.72
113611		3.29	37.17	11.75	26.94	10.97	6.16	1.30	0.10	0.03	4.13	0.22	0.014	0.02	<0.01	0.48
113612		3.28	38.11	13.06	25.36	11.07	5.80	1.44	0.14	0.05	3.83	0.21	0.015	0.02	<0.01	0.65
113613		3.33	40.92	17.63	18.45	11.22	3.93	2.12	0.27	0.03	2.80	0.15	0.018	0.02	<0.01	1.00
113614		3.00	38.88	12.77	26.38	10.70	5.81	1.37	0.13	0.04	3.98	0.21	0.014	0.02	<0.01	0.55
113615		3.06	38.11	12.98	25.44	11.20	5.94	1.44	0.15	0.04	3.91	0.21	0.015	0.02	<0.01	0.62
113616		3.23	44.33	11.12	22.31	9.10	5.92	1.90	0.28	0.04	3.48	0.20	0.019	0.02	0.01	0.85



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Page: 3 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 5-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10016741

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	Au-AA24	ME-ICP61	ME-ICP61
		Total %	V %	Au ppm	Cu ppm	Ni ppm
113541		99.14	0.23			
113542		99.86	0.21			
113543		99.83	0.28			
113544		99.78	0.07			
113545		98.83	0.37			
113546		100.05	0.09			
113547		99.03	0.27			
113548		99.74	0.26			
113549		99.62	0.12			
113550		99.65	0.44			
113587		100.10	0.11			
113588		99.92	0.09			
113589		99.80	0.20			
113590		99.91	0.21			
113591		99.54	0.22			
113592		99.88	0.21			
113593		99.82	0.20			
113594		99.89	0.01			
113595		99.47	0.22			
113596		99.80	0.04			
113597		99.74	0.04			
113598		98.86	0.26			
113599		99.91	0.17			
113600		99.81	0.28			
113601		99.98	0.07			
113602		99.31	0.04		4670	280
113603		98.78	0.51			
113604		99.89	0.49			
113605		99.14	0.53			
113606		98.48	0.48			
113607		99.87	0.19			
113608		99.80	0.27			
113609		99.81	0.11			
113610		99.70	0.14			
113611		99.28	0.22			
113612		99.75	0.21			
113613		98.57	0.15			
113614		98.85	0.22			
113615		100.05	0.21			
113616		99.56	0.18			



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Page: 4 - A

Nombre total de pages: 4 (A - B)

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Compte: PET

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## CERTIFICAT D'ANALYSE VO10016741

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
113617		3.02	43.23	9.19	20.95	11.49	9.20	0.99	0.19	0.02	2.14	0.26	0.022	0.01	<0.01	1.01
113618		3.19	36.33	12.90	24.43	10.49	6.15	1.44	0.26	0.03	3.71	0.21	0.013	0.02	<0.01	0.61
113619		3.48	30.61	7.82	37.75	8.57	7.21	0.82	0.11	0.04	6.36	0.28	0.013	0.01	<0.01	-0.32
113620		0.69	96.72	0.46	0.80	0.16	0.18	0.15	0.02	0.01	0.03	0.01	0.009	0.01	<0.01	0.12
113621		3.32	42.19	8.00	24.95	9.50	7.91	1.30	0.21	0.02	3.64	0.26	0.013	0.01	<0.01	0.33
113622		2.81	53.76	14.14	11.54	9.01	5.09	3.46	0.31	0.01	1.06	0.15	0.022	0.02	0.01	1.16
113623		2.04	42.86	13.17	19.82	11.22	6.89	1.57	0.38	0.02	2.51	0.22	0.015	0.02	0.01	1.05
113624		3.10	37.22	8.97	28.30	11.10	7.56	0.86	0.14	0.03	4.22	0.26	0.014	0.02	<0.01	1.15
113625		3.47	30.47	6.72	37.69	8.93	7.35	0.54	0.10	0.04	6.28	0.28	0.015	0.01	<0.01	0.12
113626		4.16	16.69	6.14	55.71	4.85	4.82	0.39	0.09	0.08	10.62	0.30	0.012	0.01	<0.01	-1.07
113627		3.93	36.29	12.13	28.46	9.14	5.55	1.59	0.48	0.05	4.75	0.23	0.014	0.02	0.01	0.92
113628		3.13	51.20	15.97	12.49	9.42	4.05	2.98	0.37	0.02	1.56	0.13	0.015	0.02	0.01	1.36
113629		3.55	23.83	8.89	44.34	6.25	5.98	0.61	0.08	0.08	7.55	0.26	0.014	0.01	<0.01	0.33
113630		2.82	42.92	17.48	15.21	11.79	5.33	1.83	0.47	0.03	1.79	0.16	0.020	0.02	0.01	1.61
113631		3.61	39.94	16.78	19.49	10.54	4.80	1.74	0.48	0.03	2.59	0.16	0.021	0.02	0.01	1.70
113632		3.46	44.92	21.74	12.74	11.07	2.37	2.91	0.36	0.04	1.93	0.10	0.020	0.02	0.01	1.71
113633		3.12	32.16	14.33	29.58	10.49	4.03	1.16	0.14	0.06	5.21	0.20	0.016	0.02	<0.01	0.97
113634		2.70	44.48	20.38	13.23	11.89	3.54	2.60	0.14	0.02	1.61	0.12	0.022	0.02	<0.01	1.74
113635		3.85	43.85	20.98	13.74	11.99	3.13	2.49	0.17	0.02	2.03	0.12	0.019	0.02	<0.01	1.28
113636		2.88	40.37	14.95	21.78	11.14	6.35	1.58	0.09	0.05	2.82	0.20	0.015	0.02	<0.01	0.21
113637		3.32	38.16	12.79	24.46	10.80	6.68	1.24	0.08	0.05	3.27	0.20	0.014	0.02	<0.01	0.54
113638		2.64	41.76	16.05	18.20	11.37	5.72	1.65	0.23	0.04	2.30	0.18	0.022	0.02	<0.01	1.16
113639		3.75	41.31	19.32	18.20	10.46	4.61	2.21	0.13	0.07	2.36	0.16	0.021	0.02	<0.01	0.70
113640		4.84	22.88	9.36	46.48	5.67	5.78	0.54	0.08	0.10	7.77	0.27	0.015	0.02	<0.01	0.41
113641		3.28	40.39	12.84	21.39	10.78	7.21	0.99	0.09	0.02	1.85	0.20	0.018	0.02	<0.01	2.49
113642		3.30	43.85	12.88	17.69	11.26	7.47	1.43	0.22	0.01	1.70	0.21	0.018	0.02	<0.01	1.72
113643		2.77	45.32	11.71	17.85	8.67	10.17	1.02	0.13	0.01	0.95	0.23	0.016	0.01	<0.01	2.21



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Page: 4 - B

Nombre total de pages: 4 (A - B)

Finalisée date: 5-MARS-2010

Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO10016741**

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	Au-AA24	ME-JCP61	ME-JCP61
		Total	V	Au	Cu	Ni
		%	%	ppm	ppm	ppm
113617		98.71	0.12			
113618		98.59	0.18			
113619		99.27	0.29			
113620		98.67	0.01			
113621		98.34	0.17			
113622		99.74	0.07			
113623		99.75	0.13			
113624		99.84	0.20			
113625		98.55	0.29			
113626		98.64	0.51			
113627		99.63	0.23			
113628		99.59	0.09			
113629		98.22	0.40			
113630		98.66	0.11			
113631		98.30	0.14			
113632		99.95	0.11			
113633		98.36	0.27			
113634		99.80	0.09			
113635		99.85	0.11			
113636		99.57	0.16			
113637		98.30	0.18			
113638		98.70	0.14			
113639		99.57	0.13			
113640		99.37	0.43			
113641		98.29	0.12			
113642		98.48	0.10			
113643		98.30	0.06			





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Page: 1  
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Compte: PET

## CERTIFICAT VO10020144

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 6 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23-FEVR-2010.

Les résultats sont transmis à:

DON FORAN

ROGER MOAR

PAT O BRIEN

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
BAG-01	Entreposage pulp de ref.
PUL-21	Pulvériser échantillon entier

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50 g FA fini AA	AAS

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
SUITE 1600  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

**EXCELLENCE EN ANALYSE CHIMIQUE**

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Page: 2 - A

Nombre total de pages: 2 (A)

Finalisée date: 5-MARS-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10020144

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA24
		Poids reçu kg 0.02	Au ppm 0.005
113941		1.04	<0.005
113942		1.26	<0.005
113943		1.21	<0.005
113944		1.25	<0.005
113945		1.12	<0.005
113950		1.86	<0.005



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Finalisée date: 8-MARS-2010  
Compte: PET

## CERTIFICAT VO10019370

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 96 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-FEV-2010.

Les résultats sont transmis à:

DON FORAN

ROGER MOAR

PAT O BRIEN

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
PGM-ICP24	Pt, Pd et Au 50 g FA ICP	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF

A: APELLA RESOURCES INC.  
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Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Nombre total de pages: 4 (A - B)  
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## CERTIFICAT D'ANALYSE VO10019370

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
113763		3.12	53.14	17.61	9.32	9.27	3.33	2.86	0.69	0.01	1.02	0.12	0.039	0.02	0.02	1.09
113764		2.75	58.22	16.64	7.75	7.54	2.55	3.36	0.58	0.01	0.74	0.10	0.054	0.02	0.02	0.80
113765		2.49	27.50	11.57	38.28	5.89	5.79	1.14	0.22	0.07	6.27	0.24	0.054	0.02	<0.01	1.35
113766		2.65	42.60	22.36	14.32	10.53	3.21	2.51	0.39	0.02	1.84	0.13	0.115	0.03	0.01	1.68
113767		3.07	34.81	11.58	30.41	7.76	7.69	1.22	0.10	0.05	3.90	0.25	0.028	0.02	<0.01	0.30
113768		3.09	31.07	7.51	38.96	6.46	10.52	0.59	0.04	0.03	4.49	0.31	0.022	0.01	<0.01	0.98
113769		3.53	30.23	6.50	38.78	5.60	12.15	0.36	0.04	0.03	4.36	0.33	0.022	0.01	<0.01	1.30
113770		3.23	28.97	4.16	41.06	4.85	13.05	0.16	0.02	0.03	4.46	0.32	0.018	0.01	<0.01	1.86
113771		2.94	36.09	11.80	26.91	7.98	8.26	0.96	0.19	0.03	3.28	0.27	0.036	0.02	<0.01	2.69
113772		3.30	33.79	10.89	30.66	6.99	9.07	0.85	0.15	0.04	3.44	0.26	0.034	0.01	<0.01	1.89
113773		3.05	34.14	12.33	30.04	6.88	8.99	0.89	0.16	0.04	3.30	0.27	0.023	0.01	<0.01	2.21
113774		3.60	32.72	10.33	32.13	6.28	9.78	0.71	0.12	0.04	3.88	0.28	0.034	0.01	<0.01	2.12
113775		2.89	38.59	9.06	25.89	7.34	11.48	1.08	0.12	0.04	2.42	0.23	0.067	0.01	<0.01	2.64
113776		2.55	33.08	9.37	29.69	5.82	10.99	0.76	0.12	0.04	3.08	0.30	0.039	0.01	<0.01	5.14
113777		3.13	30.92	8.88	35.10	5.93	10.06	0.67	0.08	0.04	4.15	0.30	0.023	0.01	<0.01	1.99
113778		3.42	25.35	5.19	45.40	4.37	10.91	0.38	0.03	0.05	6.22	0.34	0.019	0.01	<0.01	1.17
113779		3.40	27.22	5.16	42.69	4.43	12.12	0.37	0.03	0.04	5.20	0.35	0.020	0.01	0.01	1.71
113780		3.39	25.44	5.71	44.23	4.27	10.37	0.40	0.04	0.04	6.22	0.33	0.018	0.01	<0.01	1.07
113781		2.99	39.15	13.17	23.92	10.28	7.06	1.50	0.20	0.03	3.31	0.23	0.057	0.02	<0.01	0.98
113782		3.57	33.04	7.75	34.46	8.65	10.92	0.80	0.04	0.04	3.98	0.30	0.021	0.01	<0.01	0.78
113783		3.40	26.54	4.11	45.45	4.55	12.12	0.33	0.02	0.05	5.84	0.36	0.016	0.01	<0.01	-0.95
113784		3.15	29.06	5.60	41.91	5.40	11.56	0.51	0.03	0.04	5.08	0.34	0.016	0.01	<0.01	-0.93
113785		0.63	96.96	0.31	0.54	0.06	0.17	0.11	0.01	<0.01	0.03	0.01	0.009	0.01	<0.01	0.14
113786		3.83	27.11	5.32	43.61	4.85	11.27	0.42	0.02	0.05	5.68	0.34	0.016	0.01	<0.01	-0.49
113787		3.50	30.05	6.71	39.46	5.26	10.92	0.50	0.03	0.04	4.83	0.32	0.019	0.01	<0.01	0.26
113788		2.87	26.22	5.54	44.51	4.90	10.52	0.46	0.03	0.05	6.08	0.34	0.017	0.01	<0.01	-0.55
113789		2.77	44.58	17.41	14.69	11.82	4.86	2.07	0.10	0.02	1.85	0.17	0.032	0.02	<0.01	0.60
113790		3.16	44.21	16.67	15.85	12.00	5.27	1.94	0.11	0.01	2.04	0.18	0.038	0.02	<0.01	0.84
113791		4.46	42.00	15.54	18.34	11.49	5.48	1.59	0.09	0.02	2.43	0.19	0.032	0.02	<0.01	1.05
113792		3.39	29.00	12.70	37.70	6.91	5.94	1.06	0.08	0.05	6.10	0.26	0.042	0.02	<0.01	0.01
113793		2.40	10.72	6.11	63.63	1.77	4.10	0.35	0.03	0.08	12.58	0.31	0.018	0.01	<0.01	-1.51
113794		4.70	6.59	4.35	69.83	0.92	4.10	0.14	0.02	0.09	13.76	0.32	0.017	0.01	<0.01	-1.76
113795		1.96	31.64	10.90	35.46	6.55	7.32	0.82	0.09	0.06	5.21	0.26	0.028	0.01	<0.01	0.15
113796		2.51	22.21	6.24	49.27	5.24	7.32	0.40	0.05	0.11	8.49	0.31	0.017	0.01	<0.01	-0.40
113797		3.13	39.91	16.99	20.25	10.22	4.22	1.89	0.28	0.03	3.16	0.17	0.029	0.02	<0.01	1.04
113798		3.06	39.59	17.49	20.19	9.91	4.13	2.01	0.34	0.03	3.22	0.17	0.033	0.02	<0.01	1.12
113799		2.79	40.00	17.80	19.40	10.21	5.22	1.93	0.61	0.02	2.81	0.18	0.037	0.02	0.01	1.76
113800		2.96	43.07	15.43	18.34	9.67	6.79	2.19	0.53	0.03	2.31	0.21	0.030	0.01	0.01	1.26
113801		3.28	43.75	13.72	18.17	10.51	7.23	1.56	0.40	0.02	2.22	0.23	0.087	0.02	<0.01	1.47
113802		2.91	44.00	17.18	16.02	10.35	5.87	2.17	0.45	0.01	1.91	0.20	0.090	0.02	<0.01	1.70



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Page: 2 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 8-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10019370

Description échantillon	Méthode élément unités L.D.	ME-XRF05	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24
		Total %	V %	Au ppm	Pt ppm	Pd ppm
113763		98.54	0.05			
113764		98.37	0.04			
113765		98.39	0.28			
113766		99.74	0.08			
113767		98.11	0.17			
113768		98.39	0.21			
113769		99.72	0.21			
113770		98.78	0.21			
113771		98.51	0.14			
113772		98.08	0.16			
113773		99.09	0.16			
113774		98.44	0.18			
113775		98.77	0.12			
113776		98.42	0.14			
113777		98.16	0.19			
113778		99.44	0.29			
113779		99.35	0.25			
113780		98.15	0.30			
113781		99.91	0.15			
113782		98.59	0.19			
113783		98.45	0.28			
113784		98.63	0.24			
113785		98.35	0.01			
113786		98.18	0.27			
113787		98.41	0.23			
113788		98.12	0.28			
113789		98.22	0.09			
113790		99.18	0.10			
113791		98.27	0.11			
113792		99.87	0.27			
113793		98.19	0.58			
113794		98.38	0.68			
113795		98.50	0.23			
113796		99.26	0.41			
113797		98.21	0.14			
113798		98.26	0.14			
113799		100.00	0.12			
113800		99.88	0.11			
113801		99.38	0.10	<0.001	<0.005	<0.001
113802		99.97	0.09			



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Page: 3 - A

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Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10019370

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément unités L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
113803		2.95	42.96	14.77	19.37	10.39	6.40	1.63	0.16	0.01	2.79	0.22	0.038	0.01	<0.01	0.91
113804		3.19	44.75	16.83	16.99	9.82	6.07	2.06	0.20	0.01	2.15	0.21	0.047	0.02	<0.01	0.82
113805		3.11	44.23	15.23	17.79	9.65	6.45	1.85	0.33	0.01	2.25	0.22	0.049	0.01	<0.01	1.23
113806		2.80	43.00	16.52	17.74	10.58	6.02	1.86	0.21	0.02	2.40	0.20	0.038	0.01	<0.01	1.12
113807		3.00	44.75	17.81	14.84	10.69	4.77	2.06	0.23	0.01	2.09	0.18	0.077	0.02	<0.01	1.83
113808		3.51	43.63	14.77	18.46	9.85	6.78	1.79	0.23	0.02	2.34	0.21	0.042	0.02	<0.01	1.42
113809		3.05	39.91	12.82	24.11	8.76	7.07	1.34	0.14	0.02	3.51	0.25	0.033	0.01	<0.01	1.25
113810		3.28	40.77	13.11	22.69	8.67	6.93	1.55	0.17	0.02	3.04	0.23	0.032	0.01	<0.01	1.80
113811		3.05	43.06	15.31	19.01	9.74	6.86	1.83	0.17	0.02	2.36	0.21	0.042	0.01	<0.01	1.26
113812		2.84	44.10	12.68	19.12	10.79	7.46	1.63	0.15	0.02	2.56	0.23	0.043	0.01	<0.01	1.14
113813		3.15	40.58	12.92	22.82	10.09	6.53	1.47	0.13	0.02	3.64	0.23	0.038	0.01	0.01	0.65
113814		3.28	43.69	17.45	15.45	11.71	5.43	2.04	0.23	0.01	2.00	0.19	0.099	0.02	<0.01	1.62
113815		2.98	46.49	15.82	14.83	11.13	6.35	1.90	0.19	0.01	1.75	0.20	0.047	0.02	<0.01	1.10
113816		2.79	51.55	16.06	13.04	8.99	4.02	2.83	0.32	0.01	1.81	0.17	0.184	0.03	0.01	1.04
113817		2.69	49.01	14.27	9.37	10.53	8.57	3.07	0.50	0.05	1.10	0.13	0.239	0.07	0.01	2.10
113818		3.18	46.48	14.80	11.42	10.84	8.00	3.12	0.45	0.04	1.30	0.14	0.234	0.08	0.01	2.94
113819		2.90	39.30	14.82	23.45	8.73	5.01	2.00	0.32	0.05	3.92	0.20	0.053	0.01	0.01	1.23
113820		2.69	42.33	15.81	19.64	9.34	5.47	1.85	0.28	0.03	2.84	0.20	0.108	0.02	0.01	1.38
113821		2.69	39.00	15.89	23.77	8.98	5.43	1.64	0.21	0.04	3.50	0.21	0.036	0.02	0.01	1.19
113822		2.60	39.11	15.58	23.65	8.54	5.69	1.56	0.18	0.03	3.21	0.20	0.034	0.01	0.01	1.37
113823		3.58	11.36	6.63	62.18	2.42	4.04	0.24	0.03	0.07	12.58	0.28	0.019	<0.01	0.03	-1.05
113824		4.31	13.21	7.79	58.34	3.25	3.67	0.26	0.04	0.07	11.80	0.27	0.018	<0.01	0.03	-0.63
113825		4.36	5.13	4.02	71.20	0.92	3.67	0.12	0.02	0.07	14.85	0.31	0.012	<0.01	0.03	-1.97
113826		0.91	96.18	0.92	1.10	0.35	0.22	0.39	0.03	<0.01	0.12	0.02	0.011	0.01	<0.01	0.29
113827		4.33	8.54	4.72	65.90	2.36	3.78	0.13	0.02	0.07	13.40	0.29	0.014	<0.01	0.03	-0.57
113828		3.60	15.79	7.37	56.06	3.31	4.21	0.35	0.07	0.07	11.21	0.27	0.022	<0.01	0.03	-0.59
113829		3.22	33.17	11.09	31.80	7.69	6.91	1.02	0.14	0.04	5.35	0.23	0.047	0.02	0.01	1.12
113830		2.45	37.99	11.23	25.04	10.42	7.38	0.98	0.24	0.03	3.87	0.23	0.016	0.01	<0.01	1.53
113831		2.48	66.42	15.23	4.66	4.53	1.68	4.06	0.61	0.01	0.44	0.07	0.091	0.03	0.01	1.28
113832		2.64	68.50	14.93	4.23	3.60	1.16	4.35	0.69	0.01	0.41	0.06	0.109	0.02	0.01	1.68
113833		2.70	60.51	16.32	6.20	5.94	2.36	3.94	0.61	0.01	0.62	0.09	0.135	0.03	0.01	2.66
113834		2.88	59.63	16.79	7.23	5.94	2.73	4.02	0.51	0.01	0.70	0.10	0.163	0.03	0.01	1.81
113835		3.47	36.73	11.67	30.61	7.17	5.16	1.32	0.12	0.05	5.61	0.21	0.052	0.01	0.01	1.15
113836		3.62	15.41	4.76	57.83	3.63	5.56	0.24	0.04	0.05	11.05	0.29	0.015	<0.01	0.03	-0.07
113837		3.51	18.87	5.88	52.46	4.35	6.34	0.34	0.05	0.05	9.86	0.29	0.017	<0.01	0.03	-0.31
113838		3.67	27.70	7.82	41.92	6.01	6.07	0.82	0.07	0.04	7.41	0.25	0.039	<0.01	0.02	1.35
113839		3.54	25.65	8.45	44.00	5.50	6.28	0.95	0.06	0.06	8.07	0.26	0.051	<0.01	0.02	0.51
113840		3.09	35.79	11.95	28.02	9.15	7.92	0.78	0.14	0.06	4.64	0.23	0.084	0.01	0.01	1.08
113841		3.85	14.50	6.21	58.34	3.82	4.71	0.27	0.04	0.07	11.48	0.28	0.013	<0.01	0.03	-0.89
113842		3.58	27.52	7.88	41.03	6.55	6.89	0.51	0.08	0.05	7.05	0.28	0.017	<0.01	0.01	0.88



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Page: 3 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 8-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10019370

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24
		Total %	V %	Au ppm	Pt ppm	Pd ppm
113803		99.66	0.11			
113804		99.98	0.09			
113805		99.31	0.10			
113806		99.72	0.11			
113807		99.35	0.08			
113808		99.56	0.09	<0.001	<0.005	0.001
113809		99.22	0.14	0.001	<0.005	0.001
113810		99.03	0.13			
113811		99.89	0.11			
113812		99.94	0.11			
113813		99.14	0.14			
113814		99.93	0.08			
113815		99.83	0.08			
113816		100.05	0.05			
113817		99.02	0.05			
113818		99.85	0.06			
113819		99.11	0.16			
113820		99.29	0.12			
113821		99.92	0.16			
113822		99.17	0.15			
113823		98.83	0.55			
113824		98.11	0.51			
113825		98.37	0.63			
113826		99.63	0.02			
113827		98.68	0.58			
113828		98.17	0.49			
113829		98.64	0.24			
113830		98.97	0.19			
113831		99.11	0.02			
113832		99.75	0.02			
113833		99.42	0.03			
113834		99.48	0.03			
113835		99.87	0.23			
113836		98.82	0.48			
113837		98.22	0.41			
113838		99.53	0.31			
113839		99.87	0.34			
113840		99.85	0.19			
113841		98.87	0.51			
113842		98.74	0.31			



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Page: 4 - A  
Nombre total de pages: 4 (A - B)  
Finalisée date: 8-MARS-2010  
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Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
113843		3.78	15.57	6.27	56.31	3.75	4.75	0.37	0.06	0.07	10.97	0.28	0.015	<0.01	0.03	-0.34
113844		2.82	31.25	11.37	34.58	7.70	5.67	1.18	0.15	0.05	6.26	0.24	0.025	<0.01	0.02	0.39
113845		3.43	32.37	11.94	31.86	8.33	6.21	1.18	0.17	0.08	5.30	0.22	0.024	0.01	0.01	1.00
113846		3.11	22.54	8.01	46.52	6.46	5.91	0.48	0.08	0.14	8.62	0.27	0.015	<0.01	0.02	-0.04
113847		2.86	40.77	16.29	20.15	9.68	5.80	1.79	0.21	0.05	2.71	0.19	0.031	0.01	<0.01	1.65
113848		3.07	49.71	16.35	12.78	9.24	5.69	2.83	0.23	0.02	1.19	0.16	0.079	0.02	<0.01	1.32
113849		3.52	41.27	16.88	12.37	11.77	4.98	2.05	0.75	0.03	1.11	0.14	0.070	0.02	<0.01	8.11
113850		2.79	46.73	20.03	11.18	11.26	5.14	2.40	0.19	0.03	0.95	0.14	0.040	0.02	<0.01	1.85
113851		3.52	44.57	17.44	15.29	10.79	6.45	2.07	0.14	0.04	1.63	0.18	0.031	0.01	<0.01	1.21
113852		3.11	44.59	16.50	15.08	11.52	6.60	1.79	0.13	0.03	1.64	0.19	0.028	0.01	<0.01	1.53
113853		2.88	45.67	20.55	11.48	10.99	4.35	2.57	0.20	0.02	1.33	0.14	0.033	0.02	<0.01	2.01
113854		2.81	44.59	17.15	16.32	10.85	5.68	2.10	0.11	0.01	2.01	0.18	0.035	0.01	<0.01	0.75
113855		2.41	42.39	14.76	19.24	11.17	5.41	1.77	0.12	0.02	3.21	0.21	0.152	0.01	<0.01	0.71
113856		2.56	39.05	12.88	23.67	10.63	6.38	1.20	0.11	0.02	3.90	0.22	0.026	0.01	0.01	0.93
113857		2.66	42.10	13.87	20.50	10.14	6.51	1.69	0.17	0.02	3.17	0.22	0.083	0.01	0.01	0.87
113858		1.85	47.43	14.20	15.05	11.15	6.42	1.91	0.25	0.01	1.77	0.19	0.085	0.02	<0.01	1.38





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Page: 4 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 8-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10019370

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24
		Total	V	Au	Pt	Pd
		%	%	ppm	ppm	ppm
113843		98.09	0.49			
113844		98.88	0.28			
113845		98.70	0.26			
113846		99.02	0.45			
113847		99.33	0.13			
113848		99.62	0.07			
113849		99.54	0.06			
113850		99.95	0.06			
113851		99.85	0.09			
113852		99.64	0.09			
113853		99.35	0.07			
113854		99.80	0.08			
113855		99.17	0.10	<0.001	<0.005	0.001
113856		99.04	0.15			
113857		99.36	0.12			
113858		99.87	0.07	<0.001	<0.005	0.001



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ALS Canada Ltd.

2103 Dollarton Hwy  
North Vancouver BC V7H 0A7

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À: APELLA RESOURCES INC.  
SUITE 1600  
543 GRANVILLE STREET  
VANCOUVER BC V6C 1X8

Page: 1  
Finalisée date: 8-MARS-2010  
Compte: PET

## CERTIFICAT VO10017743

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 119 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17-FEVR-2010.

Les résultats sont transmis à:

DON FORAN

ROGER MOAR

PAT O BRIEN

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
PUL-QC	Test concassage QC
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
PGM-ICP24	Pt, Pd et Au 50 g FA ICP	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

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## CERTIFICAT D'ANALYSE VO10017743

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
113644		2.99	45.33	19.36	12.73	11.48	4.69	2.45	0.22	0.03	1.54	0.15	0.042	0.02	<0.01	1.37
113645		2.84	45.48	19.17	13.28	11.40	4.77	2.30	0.28	0.03	1.64	0.15	0.025	0.02	<0.01	1.60
113646		2.73	43.51	17.66	15.44	10.84	6.06	2.13	0.39	0.03	1.63	0.18	0.023	0.01	0.01	2.19
113647		3.00	40.86	17.21	18.62	10.02	6.06	2.11	0.41	0.05	2.42	0.18	0.024	0.01	0.01	1.78
113648		3.55	41.53	15.64	19.39	9.92	6.66	1.89	0.41	0.05	2.57	0.19	0.019	0.01	0.01	1.51
113649		2.40	37.00	15.93	19.23	11.13	4.55	1.69	0.60	0.03	3.20	0.17	0.021	0.01	0.01	6.44
113650		4.27	7.02	3.36	68.03	2.27	4.24	0.11	0.02	0.04	14.97	0.30	0.012	<0.01	0.03	-0.41
113651		4.69	5.19	3.32	70.33	1.11	4.06	0.11	0.02	0.05	15.49	0.32	0.013	<0.01	0.04	-1.86
113652		3.49	9.49	3.43	65.30	2.59	4.89	0.13	0.02	0.05	13.64	0.30	0.012	<0.01	0.03	-1.29
113653		2.69	38.50	15.10	20.73	11.77	5.82	1.30	0.17	0.02	1.68	0.21	0.016	0.02	<0.01	4.18
113654		3.84	24.73	6.29	46.02	6.84	7.01	0.42	0.06	0.05	8.59	0.29	0.014	<0.01	0.02	-0.39
113655		4.30	14.60	4.19	58.71	3.68	5.89	0.20	0.02	0.04	11.82	0.30	0.012	<0.01	0.03	-1.11
113656		3.85	15.52	3.96	58.02	3.74	6.06	0.23	0.02	0.04	11.28	0.30	0.014	<0.01	0.03	-0.83
113657		1.74	22.33	5.05	49.10	6.01	6.97	0.33	0.04	0.03	8.96	0.30	0.014	<0.01	0.02	-0.35
113658		3.38	34.53	9.85	31.72	9.65	7.26	1.01	0.12	0.03	5.07	0.25	0.015	<0.01	0.01	0.37
113659		3.18	33.20	8.49	33.84	9.96	7.70	0.88	0.09	0.03	5.34	0.26	0.015	<0.01	0.01	-0.18
113660		3.23	37.29	12.25	26.02	10.99	6.67	1.36	0.17	0.03	4.28	0.22	0.015	0.01	0.01	0.50
113661		3.31	36.59	10.52	29.42	9.83	6.19	0.97	0.18	0.03	4.32	0.23	0.025	<0.01	0.01	1.32
113662		3.81	23.13	5.96	48.86	6.15	6.29	0.41	0.08	0.05	9.22	0.29	0.014	<0.01	0.02	-0.38
113663		1.69	30.31	5.75	39.46	7.74	8.52	0.47	0.09	0.03	6.55	0.29	0.013	<0.01	0.01	0.10
113664		4.24	9.55	3.94	66.42	1.90	4.81	0.16	0.03	0.06	13.75	0.31	0.014	<0.01	0.03	-1.55
113665		3.94	14.67	5.34	58.98	3.91	5.24	0.24	0.05	0.06	12.48	0.30	0.014	<0.01	0.02	-1.26
113666		2.78	73.50	13.56	2.85	2.32	0.63	4.52	1.09	<0.01	0.23	0.04	0.038	0.02	0.03	0.72
113667		3.32	45.80	18.75	13.36	10.38	4.65	2.76	0.56	0.03	1.48	0.15	0.023	0.02	0.01	1.80
113668		2.98	37.74	15.11	23.82	10.38	5.48	1.61	0.36	0.05	3.74	0.18	0.017	0.01	0.01	1.33
113669		2.72	40.41	15.82	21.15	10.86	5.43	1.83	0.29	0.04	3.07	0.17	0.021	0.01	0.01	0.72
113670		3.14	42.55	16.43	17.77	11.67	5.98	1.95	0.19	0.03	2.52	0.18	0.020	0.01	<0.01	0.66
113671		3.11	43.27	13.02	18.34	12.38	7.90	1.56	0.16	0.04	2.24	0.21	0.019	0.01	<0.01	0.81
113672		2.86	40.72	18.79	19.08	10.42	3.85	2.34	0.27	0.06	3.15	0.15	0.018	0.01	<0.01	0.98
113673		2.64	47.00	23.51	8.29	11.91	3.01	3.04	0.38	0.02	0.94	0.10	0.021	0.02	<0.01	1.72
113674		3.35	44.38	17.39	14.71	11.73	5.13	2.32	0.19	0.03	1.59	0.15	0.022	0.02	<0.01	2.31
113675		0.42	97.32	0.35	0.74	0.12	0.13	0.25	0.03	<0.01	0.02	0.01	0.012	0.01	<0.01	0.07
113676		1.27	21.82	3.01	52.23	5.11	7.12	0.16	0.03	0.04	10.18	0.36	0.018	<0.01	0.02	-0.48
113677		3.43	22.09	3.44	51.74	5.40	6.90	0.21	0.03	0.05	10.08	0.35	0.017	<0.01	0.02	-0.41
113678		1.89	37.33	6.70	34.74	6.43	5.53	0.53	0.03	0.04	6.40	0.25	0.031	<0.01	0.01	1.31
113679		2.83	54.00	12.26	14.68	8.74	3.80	1.55	0.08	0.01	2.46	0.11	0.062	0.02	<0.01	2.18
113680		1.70														
113681		3.02	44.68	18.88	14.14	11.18	5.16	2.37	0.21	0.02	1.72	0.16	0.032	0.01	<0.01	1.46
113682		3.28	36.18	12.18	28.78	8.74	6.70	1.24	0.11	0.08	4.81	0.24	0.021	0.01	0.01	0.49
113683		2.95	43.50	14.68	17.47	11.37	6.65	1.76	0.17	0.03	2.25	0.20	0.031	0.01	<0.01	1.60



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Page: 2 - B  
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Finalisée date: 8-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10017743

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24
		Total %	V %	Au ppm	Pt ppm	Pd ppm
113644		99.42	0.08			
113645		100.10	0.08			
113646		99.90	0.09			
113647		99.76	0.13			
113648		99.61	0.14			
113649		100.00	0.12			
113650		100.00	0.48			
113651		98.17	0.52			
113652		98.59	0.51			
113653		99.50	0.09			
113654		99.94	0.35			
113655		98.37	0.46			
113656		98.37	0.45			
113657		98.81	0.36			
113658		99.88	0.23			
113659		99.64	0.25			
113660		99.81	0.21			
113661		99.64	0.20			
113662		100.10	0.39			
113663		99.35	0.28			
113664		99.42	0.58			
113665		100.05	0.51			
113666		99.55	0.02			
113667		99.77	0.08			
113668		99.86	0.19			
113669		99.84	0.17			
113670		99.96	0.14			
113671		99.96	0.12			
113672		99.85	0.16			
113673		99.96	0.06			
113674		99.95	0.10			
113675		99.06	0.01			
113676		99.60	0.40			
113677		99.91	0.39			
113678		99.34	0.26			
113679		99.96	0.10			
113680				<0.001	<0.005	<0.001
113681		100.00	0.09			
113682		99.59	0.22			
113683		99.72	0.11			



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Page: 3 - A

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## CERTIFICAT D'ANALYSE VO10017743

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément	Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BeO	LOI
	unités	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	L.D.	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
113684		2.61	41.19	17.02	18.16	11.40	5.40	1.79	0.13	0.04	2.33	0.18	0.025	0.01	<0.01	1.91
113685		3.48	41.41	17.76	18.38	10.89	5.17	1.94	0.16	0.05	2.44	0.17	0.032	0.01	<0.01	1.45
113686		3.03	41.99	16.31	17.67	11.28	6.32	1.85	0.16	0.03	2.30	0.20	0.022	0.01	<0.01	1.84
113687		3.47	38.76	14.19	24.52	8.53	7.45	1.53	0.23	0.04	3.44	0.23	0.021	0.01	0.01	0.89
113688		3.18	24.05	2.90	48.43	1.78	12.79	0.14	0.02	0.04	6.11	0.33	0.020	<0.01	0.01	2.22
113689		3.84	18.87	5.72	52.76	3.54	7.79	0.30	0.05	0.06	9.45	0.30	0.016	<0.01	0.02	-0.03
113690		3.22	47.75	12.40	20.82	5.70	5.15	3.35	0.26	0.02	2.89	0.22	0.183	0.01	0.01	1.01
113691		3.39	28.79	5.87	40.24	4.18	12.27	0.36	0.08	0.03	5.01	0.32	0.022	<0.01	0.01	2.28
113692		1.40	35.03	14.29	23.84	9.47	8.62	0.70	0.19	0.02	3.06	0.28	0.026	0.02	0.01	4.39
113693		3.53	23.79	5.19	46.55	6.17	7.15	0.42	0.07	0.04	8.43	0.30	0.015	<0.01	0.02	0.80
113694		3.60	21.73	4.65	50.21	5.35	6.47	0.49	0.08	0.04	9.37	0.30	0.014	<0.01	0.02	1.17
113695		3.82	24.33	5.72	47.39	5.98	7.09	0.45	0.07	0.03	8.53	0.30	0.014	<0.01	0.02	-0.04
113696		3.85	27.10	5.78	43.83	7.21	7.80	0.40	0.04	0.04	7.56	0.30	0.014	<0.01	0.01	-0.17
113697		3.72	18.13	4.48	54.60	4.74	6.25	0.30	0.02	0.04	10.50	0.31	0.014	<0.01	0.03	-0.78
113698		3.58	25.84	6.22	45.04	6.58	7.42	0.47	0.03	0.03	8.24	0.30	0.017	<0.01	0.01	-0.37
113699		3.73	27.49	6.04	42.65	7.91	7.43	0.57	0.03	0.03	7.39	0.29	0.015	<0.01	0.02	-0.69
113700		3.40	33.67	8.21	33.85	8.96	7.24	0.99	0.12	0.03	5.42	0.25	0.014	<0.01	0.01	0.58
113701		3.57	29.71	8.30	38.45	8.61	6.76	0.75	0.06	0.04	6.83	0.26	0.015	0.01	0.01	0.08
113702		3.95	24.33	6.04	45.63	7.36	6.68	0.43	0.03	0.04	8.44	0.28	0.013	<0.01	0.02	-0.58
113703		3.46	16.19	4.06	57.52	3.67	6.34	0.18	0.02	0.05	11.36	0.31	0.012	<0.01	0.02	-0.85
113704		3.70	11.44	4.32	62.96	2.58	4.67	0.19	0.02	0.06	13.09	0.31	0.013	<0.01	0.03	-1.01
113705		2.85	43.07	16.24	16.87	11.19	6.13	1.91	0.18	0.02	2.40	0.19	0.016	0.01	<0.01	1.52
113706		2.90	45.60	20.06	11.68	11.24	4.84	2.82	0.19	0.03	1.31	0.13	0.019	0.02	<0.01	1.82
113707		2.84	41.02	19.17	17.18	11.06	4.38	2.34	0.10	0.05	2.65	0.16	0.023	0.01	<0.01	1.71
113708		2.94	46.50	22.03	9.26	12.37	3.70	2.68	0.08	0.02	0.97	0.11	0.021	0.01	<0.01	1.99
113709		3.21	44.75	19.43	12.43	12.45	4.57	2.28	0.09	0.03	1.55	0.14	0.019	0.02	<0.01	2.09
113710		2.71	47.27	20.02	10.11	12.46	4.58	2.54	0.11	0.02	1.16	0.13	0.024	0.01	<0.01	1.61
113711		2.42	45.29	21.40	10.57	12.23	3.91	2.67	0.11	0.03	1.33	0.12	0.024	0.02	<0.01	1.77
113712		3.44	43.26	17.78	16.03	11.34	4.91	2.25	0.10	0.05	2.30	0.16	0.018	0.02	<0.01	1.38
113713		3.11	45.26	17.82	15.01	11.35	4.70	2.32	0.10	0.05	2.13	0.14	0.020	0.02	<0.01	0.99
113714		2.94	44.42	22.03	12.16	11.81	2.96	2.83	0.11	0.05	1.86	0.11	0.022	0.02	<0.01	1.53
113715		3.10	41.04	17.47	19.07	11.02	5.35	2.05	0.10	0.05	2.63	0.16	0.023	0.01	<0.01	0.91
113716		2.89	45.08	15.85	14.83	12.20	6.93	1.80	0.09	0.04	1.50	0.18	0.016	0.01	<0.01	1.43
113717		1.91	45.33	15.62	17.46	9.73	5.16	1.97	0.45	0.03	2.66	0.18	0.037	0.02	0.01	1.22
113718		3.32	28.35	7.71	40.76	7.43	7.01	0.53	0.09	0.06	7.57	0.27	0.027	<0.01	0.02	0.11
113719		3.92	19.60	5.07	52.49	5.18	6.40	0.29	0.04	0.06	10.40	0.29	0.015	<0.01	0.02	-0.62
113720		0.57	97.94	0.32	0.75	0.12	0.12	0.21	0.02	<0.01	0.05	0.01	0.012	0.01	<0.01	0.11
113721		3.79	11.58	3.95	62.83	2.82	5.23	0.14	0.02	0.07	12.92	0.31	0.013	<0.01	0.03	-1.39
113722		3.62	15.70	4.66	53.99	4.91	5.23	0.18	0.08	0.07	11.02	0.29	0.014	<0.01	0.02	2.31
113723		3.74	20.67	4.89	53.52	3.16	4.37	0.47	0.04	0.06	10.85	0.27	0.018	<0.01	0.02	-0.16



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SUITE 1600  
543 GRANVILLE STREET  
VANCOUVER BC V6C 1X8

Page: 3 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 8-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10017743

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24
		Total %	V %	Au ppm	Pt ppm	Pd ppm
		0.01	0.01	0.001	0.005	0.001
113684		99.59	0.12			
113685		99.86	0.13			
113686		99.88	0.12			
113687		99.85	0.17			
113688		98.84	0.30			
113689		98.84	0.40			
113690		99.77	0.09			
113691		99.44	0.18			
113692		99.94	0.12			
113693		98.74	0.34			
113694		99.89	0.38			
113695		99.89	0.35			
113698		99.91	0.31			
113697		98.62	0.42			
113698		99.83	0.33			
113699		99.17	0.31			
113700		99.35	0.25			
113701		99.87	0.30			
113702		98.71	0.36			
113703		98.88	0.48			
113704		98.66	0.53			
113705		99.75	0.11			
113706		99.76	0.07			
113707		99.86	0.13			
113708		99.74	0.06			
113709		98.84	0.09			
113710		100.05	0.07			
113711		99.47	0.07			
113712		99.59	0.12			
113713		99.91	0.12			
113714		99.91	0.10			
113715		99.89	0.14			
113716		99.95	0.09			
113717		99.87	0.11			
113718		99.93	0.32			
113719		99.23	0.45			
113720		99.67	0.01			
113721		98.51	0.56			
113722		98.47	0.48			
113723		98.16	0.47			



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À: APELLA RESOURCES INC.

SUITE 1600

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Page: 4 - A

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## CERTIFICAT D'ANALYSE VO10017743

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
113724		3.68	28.49	7.14	40.86	7.09	6.49	0.43	0.09	0.04	7.82	0.29	0.059	<0.01	0.02	0.34
113725		3.43	24.03	6.75	45.32	7.04	6.16	0.32	0.06	0.05	8.98	0.27	0.019	<0.01	0.02	-0.33
113726		3.84	17.02	4.26	56.05	4.70	6.28	0.17	0.03	0.07	10.90	0.31	0.017	<0.01	0.03	-0.93
113727		4.11	14.98	3.92	58.79	4.04	6.17	0.16	0.02	0.08	11.22	0.31	0.016	<0.01	0.02	-0.96
113728		1.94	12.75	4.91	62.00	2.23	5.97	0.17	0.03	0.10	12.08	0.31	0.015	<0.01	0.03	-0.54
113729		3.38	29.27	9.48	37.72	8.06	6.64	0.52	0.14	0.06	6.44	0.26	0.024	<0.01	0.01	1.14
113730		3.45	29.06	9.22	38.88	6.83	7.17	0.78	0.18	0.06	6.84	0.27	0.028	<0.01	0.02	0.61
113731		3.31	35.32	11.90	29.20	9.20	7.33	1.17	0.21	0.04	4.79	0.24	0.031	0.01	0.01	0.47
113732		2.96	44.43	16.78	16.59	10.70	5.51	2.22	0.32	0.01	2.28	0.19	0.044	0.02	<0.01	0.89
113733		3.17	42.68	14.34	19.75	10.44	6.84	1.77	0.27	0.02	2.49	0.22	0.040	0.01	0.01	0.95
113734		3.39	39.02	11.99	24.15	10.51	7.07	1.21	0.13	0.03	3.66	0.23	0.033	0.01	<0.01	0.94
113735		3.07	38.84	12.16	20.01	14.61	6.77	0.83	0.07	0.02	2.03	0.22	0.028	0.01	<0.01	4.10
113736		2.94	41.08	13.04	21.61	10.80	6.82	1.56	0.31	0.03	3.13	0.22	0.080	0.01	0.01	1.08
113737		3.17	42.52	14.52	18.51	11.03	6.25	1.84	0.58	0.02	2.72	0.20	0.023	0.01	0.01	1.39
113738		3.02	44.48	17.16	14.65	11.36	4.48	2.18	0.66	0.02	2.25	0.17	0.033	0.02	0.01	2.17
113739		2.95	43.48	14.47	17.81	11.05	5.87	1.64	0.37	0.03	2.64	0.19	0.044	0.01	<0.01	2.39
113740		3.15	42.31	14.60	19.01	10.42	6.36	1.83	0.38	0.03	2.64	0.21	0.032	0.01	0.01	1.76
113741		1.52	34.72	13.73	29.02	7.87	5.25	1.59	0.53	0.09	5.15	0.21	0.034	0.01	0.02	0.96
113742		2.56	69.24	14.97	3.95	3.89	1.04	4.22	0.63	0.01	0.40	0.06	0.094	0.03	0.02	1.22
113743		3.14	46.47	17.86	14.04	10.68	5.00	2.33	0.22	0.03	1.81	0.16	0.062	0.02	<0.01	1.21
113744		3.34	43.28	17.77	16.00	10.88	5.65	2.15	0.20	0.03	1.97	0.18	0.041	0.01	<0.01	1.55
113745		2.84	50.47	19.59	9.84	10.03	3.27	3.03	0.30	0.02	1.29	0.12	0.060	0.02	0.01	1.94
113746		4.06	43.39	14.27	19.91	9.59	7.04	1.73	0.18	0.03	2.30	0.22	0.063	0.01	<0.01	0.99
113747		3.09	44.73	11.87	17.42	12.79	8.92	1.24	0.10	0.02	1.62	0.24	0.028	0.01	<0.01	1.03
113748		3.25	44.22	15.07	15.91	12.43	7.10	1.88	0.16	0.03	1.77	0.20	0.026	0.01	<0.01	1.27
113749		2.54	47.66	10.55	14.35	13.62	9.61	1.28	0.12	0.02	0.95	0.23	0.023	0.01	<0.01	1.42
113750		2.80	47.00	13.19	14.91	12.45	7.55	1.35	0.17	0.02	1.40	0.21	0.026	0.01	<0.01	1.60
113751		2.98	40.89	12.16	22.85	10.17	7.16	1.33	0.33	0.04	3.30	0.23	0.032	0.01	0.01	1.15
113752		2.97	59.00	13.81	9.75	6.93	4.23	3.22	0.40	0.01	0.95	0.14	0.083	0.01	0.01	1.37
113753		3.38	42.08	11.00	22.09	10.95	7.28	1.19	0.22	0.02	3.10	0.27	0.088	0.01	<0.01	1.17
113754		3.12	44.50	13.10	18.45	11.34	7.25	1.67	0.17	0.03	2.23	0.22	0.064	0.01	<0.01	0.89
113755		3.08	41.28	11.97	22.86	10.30	7.64	1.34	0.13	0.04	3.09	0.24	0.069	0.01	<0.01	0.64
113756		3.04	46.26	13.93	18.07	9.53	5.46	2.18	0.20	0.03	2.73	0.19	0.042	0.01	0.01	0.86
113757		2.94	44.14	16.76	16.91	10.95	5.62	2.04	0.23	0.02	2.08	0.19	0.055	0.02	<0.01	1.03
113758		3.10	43.32	16.55	18.57	10.24	5.45	2.02	0.12	0.02	2.60	0.19	0.059	0.02	<0.01	0.34
113759		3.01	44.20	19.64	14.59	10.77	4.65	2.39	0.32	0.01	1.69	0.15	0.062	0.01	<0.01	1.15
113760		2.97	45.61	19.43	12.84	11.38	4.82	2.34	0.19	0.01	1.50	0.15	0.027	0.02	<0.01	1.18
113761		3.04	43.07	17.62	15.99	12.26	5.00	1.58	0.14	0.03	2.14	0.18	0.033	0.02	<0.01	1.73
113762		4.06	43.77	16.28	17.49	10.70	6.01	1.86	0.19	0.03	2.21	0.19	0.031	0.01	<0.01	0.96



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À: APELLA RESOURCES INC.  
SUITE 1600  
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Page: 4 - B  
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Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10017743

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24
		Total %	V %	Au ppm	Pt ppm	Pd ppm
113724		99.16	0.29			
113725		98.67	0.37			
113726		98.90	0.49			
113727		98.76	0.53			
113728		100.05	0.57			
113729		99.76	0.28			
113730		99.94	0.29			
113731		99.93	0.21			
113732		99.99	0.09			
113733		99.83	0.10			
113734		99.97	0.15			
113735		99.70	0.10			
113736		99.78	0.13			
113737		99.63	0.12			
113738		99.64	0.08			
113739		99.98	0.11			
113740		99.59	0.12			
113741		99.18	0.22			
113742		99.76	0.02			
113743		99.89	0.07			
113744		99.72	0.09			
113745		100.00	0.06			
113746		99.72	0.10			
113747		100.00	0.09			
113748		99.87	0.09			
113749		99.84	0.07			
113750		99.89	0.07			
113751		99.47	0.13			
113752		99.90	0.05			
113753		99.46	0.10			
113754		99.92	0.10			
113755		99.60	0.14			
113756		99.50	0.12			
113757		100.05	0.09			
113758		99.49	0.11			
113759		99.64	0.08			
113760		99.48	0.07			
113761		99.79	0.10			
113762		99.75	0.10			





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Page: 1  
Finalisée date: 16-MARS-2010  
Compte: PET

## CERTIFICAT VO10020143

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 86 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23-FEVR-2010.

Les résultats sont transmis à:

DON FORAN

ROGER MOAR

PAT O BRIEN

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um


## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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543 GRANVILLE STREET  
VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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## CERTIFICAT D'ANALYSE VO10020143

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
113859		3.67	58.52	14.45	8.47	6.62	4.01	3.50	0.19	0.03	0.74	0.13	0.175	0.03	0.01	2.22
113860		3.13	29.03	7.80	42.38	4.43	4.50	1.32	0.14	0.06	8.11	0.24	0.060	0.02	<0.01	0.11
113861		3.66	20.76	5.27	51.89	5.25	5.82	0.30	0.05	0.05	9.54	0.30	0.017	0.01	<0.01	-0.18
113862		3.83	31.24	10.78	34.85	7.74	5.97	0.53	0.18	0.05	5.81	0.25	0.026	0.02	<0.01	1.29
113863		3.58	32.14	8.67	36.86	6.18	7.55	0.45	0.13	0.06	5.82	0.29	0.032	0.01	<0.01	0.65
113864		3.51	12.39	4.52	62.43	1.74	6.08	0.12	0.02	0.08	11.39	0.33	0.015	0.01	<0.01	-0.46
113865		0.90	87.93	0.31	0.75	0.15	0.16	0.06	<0.01	<0.01	0.09	0.01	0.009	0.01	<0.01	0.13
113866		3.67	11.73	3.31	64.19	2.05	5.60	0.10	0.02	0.06	11.99	0.33	0.014	0.01	<0.01	-1.13
113867		4.34	16.16	4.80	57.89	3.99	5.40	0.16	0.03	0.05	10.79	0.31	0.018	0.01	<0.01	-0.53
113868		3.86	10.43	3.38	65.70	2.60	4.85	0.10	0.01	0.07	12.87	0.33	0.013	0.01	<0.01	-1.29
113869		3.72	17.07	4.46	58.16	3.56	5.65	0.14	0.02	0.06	11.08	0.31	0.016	0.01	<0.01	-0.60
113870		3.95	15.02	4.60	58.95	3.93	5.20	0.15	0.02	0.06	11.43	0.31	0.015	0.01	<0.01	-0.70
113871		4.86	26.80	8.87	43.78	6.04	5.16	0.66	0.08	0.04	8.61	0.28	0.020	0.01	<0.01	-0.27
113872		2.75	43.01	9.76	22.95	9.77	7.36	1.25	0.18	0.01	2.96	0.28	0.233	0.02	<0.01	0.63
113873		3.51	31.18	9.95	35.87	8.19	5.88	0.88	0.11	0.04	6.65	0.26	0.035	0.02	<0.01	0.21
113874		3.24	26.40	8.30	42.44	6.07	6.79	0.63	0.06	0.06	7.49	0.29	0.036	0.02	<0.01	0.52
113875		2.95	37.31	12.14	26.25	9.73	6.78	1.24	0.15	0.03	3.81	0.24	0.044	0.02	<0.01	0.74
113876		3.06	42.67	14.53	18.19	10.60	6.33	1.88	0.27	0.02	2.18	0.21	0.027	0.02	0.01	1.99
113877		3.27	39.16	11.51	25.27	9.44	7.11	1.24	0.18	0.03	3.54	0.24	0.028	0.02	<0.01	1.11
113878		3.06	35.23	11.84	31.51	9.12	7.99	0.76	0.05	0.03	4.61	0.27	0.018	0.01	<0.01	0.52
113879		3.05	34.78	9.29	31.48	9.48	7.02	0.89	0.11	0.04	5.13	0.26	0.017	0.02	<0.01	0.44
113880		3.44	38.15	13.18	23.40	10.84	5.85	1.39	0.25	0.03	3.71	0.22	0.026	0.02	<0.01	1.97
113881		3.33	37.48	11.52	26.61	10.06	6.17	1.47	0.31	0.05	4.28	0.23	0.024	0.02	<0.01	0.71
113882		2.74	43.35	16.79	16.04	11.88	4.24	2.23	0.31	0.02	2.21	0.18	0.087	0.03	<0.01	1.43
113883		2.92	43.96	18.57	13.79	10.99	3.90	2.56	0.32	0.01	2.09	0.15	0.058	0.03	0.01	1.72
113884		3.87	43.28	12.22	20.77	10.96	5.71	1.29	0.24	0.03	3.05	0.22	0.029	0.02	<0.01	1.44
113885		3.42	66.19	14.20	5.80	5.05	1.59	3.93	0.43	0.01	0.61	0.08	0.156	0.02	0.01	1.15
113886		3.06	43.91	14.55	18.18	8.91	5.04	2.32	0.41	0.02	2.99	0.20	0.056	0.02	0.01	2.44
113887		3.17	42.43	10.54	20.67	10.42	6.28	1.30	0.25	0.02	3.00	0.24	0.204	0.02	<0.01	2.99
113888		2.96	45.41	11.52	20.14	9.09	5.13	1.97	0.19	0.01	3.19	0.23	0.490	0.02	<0.01	1.55
113889		2.99	46.99	13.64	14.92	11.30	6.40	1.88	0.20	0.01	1.36	0.20	0.059	0.02	<0.01	1.54
113890		2.76	43.44	16.30	17.30	10.95	4.87	2.04	0.19	0.02	2.61	0.19	0.055	0.02	<0.01	0.88
113891		3.18	44.86	16.64	14.87	10.83	5.48	2.16	0.19	0.01	1.70	0.18	0.040	0.02	<0.01	1.16
113892		2.94	44.66	17.15	15.83	10.60	5.38	2.23	0.19	0.01	1.92	0.19	0.047	0.02	<0.01	0.91
113893		2.80	42.86	16.67	17.39	10.33	4.54	2.30	0.32	0.02	2.70	0.18	0.069	0.02	<0.01	1.11
113894		3.47	38.95	13.60	23.17	9.65	6.61	1.55	0.23	0.03	3.13	0.23	0.049	0.02	<0.01	1.41
113895		3.35	39.78	11.72	24.01	9.83	6.87	1.23	0.25	0.03	3.78	0.24	0.065	0.01	0.01	0.71
113896		2.93	41.26	13.75	20.91	10.32	7.10	1.37	0.22	0.02	2.80	0.23	0.074	0.01	<0.01	0.68
113897		3.53	27.11	5.13	43.25	3.33	11.99	0.23	0.04	0.03	5.31	0.34	0.027	<0.01	<0.01	1.64
113898		3.10	22.72	3.60	48.75	2.47	12.17	0.12	0.02	0.04	6.52	0.36	0.021	<0.01	0.01	1.57



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Page: 2 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 16-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10020143

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	ME-ICP61	ME-ICP61
		Total %	V %	Cu ppm	Ni ppm
113859		99.08	0.03		
113860		98.19	0.33		
113861		99.07	0.41		
113862		98.83	0.25		
113863		98.84	0.25		
113864		98.65	0.56		
113865		99.60	0.01		
113866		98.27	0.56		
113867		99.08	0.45		
113868		99.17	0.50		
113869		99.94	0.49		
113870		99.00	0.50		
113871		98.18	0.29		
113872		98.42	0.09		
113873		99.38	0.24		
113874		99.10	0.31		
113875		98.48	0.16		
113876		99.02	0.09		
113877		98.88	0.14		
113878		99.07	0.20		
113879		98.95	0.23		
113880		99.04	0.16		
113881		98.93	0.18		
113882		98.59	0.08		
113883		98.16	0.07		
113884		99.26	0.13		
113885		99.23	0.02		
113886		99.06	0.10		
113887		98.36	0.09		
113888		98.94	0.09		
113889		98.52	0.06		
113890		98.87	0.09		
113891		98.15	0.07		
113892		99.15	0.07		
113893		98.52	0.09		
113894		98.62	0.10		
113895		98.53	0.14		
113896		98.74	0.11		
113897		98.43	0.25		
113898		98.36	0.33		



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Page: 3 - A

Nombre total de pages: 4 (A - B)

Finalisée date: 16-MARS-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10020143

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
113899		3.38	21.25	4.32	51.04	3.72	9.19	0.20	0.03	0.07	8.19	0.33	0.019	<0.01	0.02	0.31
113900		0.54	98.04	0.12	0.76	0.13	0.17	0.12	0.02	0.01	0.20	0.01	0.010	0.02	<0.01	0.20
113901		3.07	31.04	8.06	37.46	6.04	8.94	0.86	0.10	0.03	5.37	0.28	0.037	<0.01	0.01	0.49
113902		4.23	41.61	20.59	15.63	10.11	5.55	2.04	0.46	0.02	1.75	0.18	0.060	0.03	<0.01	1.78
113903		3.63	20.11	3.16	52.89	5.21	7.99	0.18	0.02	0.05	9.42	0.32	0.016	<0.01	0.02	-0.47
113904		3.46	21.09	3.09	51.83	5.66	7.61	0.19	0.03	0.04	9.81	0.32	0.019	<0.01	0.02	-0.74
113905		3.81	23.78	2.96	47.88	6.83	8.57	0.18	0.02	0.03	8.87	0.32	0.020	<0.01	0.02	-0.54
113906		3.59	27.10	3.38	45.28	6.96	8.46	0.26	0.04	0.04	8.47	0.30	0.018	<0.01	0.01	-0.41
113907		3.46	20.75	3.85	50.84	5.67	7.67	0.18	0.03	0.04	10.05	0.31	0.017	<0.01	0.02	-0.46
113908		3.82	16.76	6.65	54.41	4.65	5.19	0.32	0.09	0.04	11.09	0.28	0.018	<0.01	0.02	-0.76
113909		3.94	21.08	4.35	51.30	5.32	6.62	0.29	0.06	0.04	10.02	0.30	0.016	<0.01	0.02	-0.75
113910		0.66	98.25	0.16	0.61	0.10	0.12	0.16	0.02	<0.01	0.10	0.01	0.011	0.01	<0.01	0.08
113911		3.59	13.60	3.05	80.88	3.21	5.89	0.18	0.04	0.05	12.68	0.33	0.015	<0.01	0.03	-1.26
113912		3.64	18.93	2.98	54.06	5.46	6.87	0.27	0.04	0.06	11.12	0.31	0.014	<0.01	0.03	-0.56
113913		2.13	19.11	4.00	54.53	3.86	6.71	0.44	0.05	0.05	10.59	0.32	0.024	<0.01	0.02	-0.86
113914		2.69	57.56	19.37	7.07	5.14	1.54	7.45	0.22	0.01	0.75	0.08	0.142	0.02	<0.01	0.31
113915		3.05	22.58	4.25	50.50	4.88	5.86	0.43	0.14	0.05	10.74	0.31	0.022	<0.01	0.02	-1.03
113916		3.17	19.90	2.95	54.41	4.77	6.53	0.23	0.04	0.05	10.98	0.32	0.017	<0.01	0.02	-1.40
113917		3.92	24.99	3.30	48.15	5.23	6.57	0.31	0.09	0.04	9.91	0.29	0.014	<0.01	0.02	-0.72
113918		4.04	24.19	3.14	48.00	5.14	7.07	0.33	0.07	0.04	9.79	0.30	0.015	<0.01	0.02	-0.94
113919		3.27	33.88	7.27	37.68	5.73	5.01	1.62	0.22	0.03	7.89	0.26	0.037	<0.01	0.02	-0.40
113920		3.00	35.80	5.82	34.53	6.51	7.78	0.74	0.14	0.02	5.87	0.25	0.028	<0.01	0.01	0.79
113921		3.65	25.11	7.62	45.71	5.25	5.79	0.64	0.20	0.05	8.98	0.28	0.023	<0.01	0.02	-0.33
113922		3.36	16.27	2.96	57.22	4.51	6.67	0.15	0.03	0.05	11.56	0.33	0.015	<0.01	0.02	-1.04
113923		3.66	21.81	2.84	50.77	6.27	8.04	0.17	0.03	0.05	9.94	0.34	0.015	<0.01	0.02	-0.85
113924		4.23	15.05	2.98	59.14	3.56	6.34	0.16	0.03	0.05	11.85	0.34	0.017	<0.01	0.02	-1.13
113925		3.48	26.08	2.66	45.51	7.68	9.05	0.17	0.03	0.03	7.76	0.32	0.017	<0.01	0.02	-0.57
113926		3.62	22.01	2.78	50.43	6.54	7.72	0.16	0.02	0.04	9.66	0.32	0.017	<0.01	0.02	-0.76
113927		3.93	25.58	3.23	45.95	7.41	7.98	0.25	0.04	0.04	8.44	0.30	0.018	<0.01	0.02	-0.50
113928		3.86	16.32	2.88	57.81	4.64	6.38	0.16	0.02	0.06	11.50	0.33	0.013	<0.01	0.02	-1.22
113929		2.47	69.64	14.87	3.86	3.71	0.98	3.92	0.75	0.01	0.46	0.05	0.088	0.02	0.01	0.80
113930		2.53	70.05	14.60	4.07	3.80	1.03	4.11	0.71	0.01	0.45	0.05	0.090	0.03	0.02	0.71
113931		4.12	18.76	3.55	55.43	4.31	6.04	0.40	0.09	0.05	11.15	0.31	0.017	<0.01	0.02	-1.05
113932		3.08	26.56	4.25	44.90	6.53	7.33	0.44	0.08	0.04	8.77	0.29	0.018	<0.01	0.02	-0.20
113933		3.48	23.51	3.45	48.57	6.40	7.34	0.28	0.06	0.04	9.57	0.29	0.014	<0.01	0.02	-0.46
113934		4.47	23.35	3.56	48.83	6.33	7.06	0.29	0.06	0.04	9.71	0.30	0.014	<0.01	0.02	-0.51
113935		2.85	41.23	12.00	20.80	9.96	7.57	1.44	0.30	0.02	3.09	0.21	0.028	0.01	<0.01	1.78
113936		3.44	41.50	15.21	18.99	9.46	6.11	1.74	0.35	0.02	2.41	0.18	0.035	0.02	<0.01	2.27
113937		2.73	63.91	13.53	6.91	5.51	2.79	3.57	0.35	0.01	0.74	0.08	0.056	0.02	<0.01	1.06
113938		2.39	70.70	14.71	3.55	3.74	0.99	4.27	0.47	0.01	0.36	0.05	0.085	0.02	0.01	0.85



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Page: 3 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 16-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10020143

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	ME-ICP61	ME-ICP61
		Total %	V %	Cu ppm	Ni ppm
113899		98.69	0.39		
113900		99.60	0.01		
113901		98.51	0.24		
113902		99.80	0.08		
113903		98.91	0.40		
113904		98.78	0.36		
113905		98.94	0.34		
113906		99.91	0.30		
113907		98.97	0.36		
113908		98.77	0.39		
113909		98.67	0.36		
113910		99.64	0.01		
113911		98.48	0.45		
113912		99.58	0.42		
113913		98.84	0.40		
113914		99.65	0.05		
113915		98.73	0.38		
113916		98.82	0.42		
113917		98.19	0.36		
113918		98.16	0.36		
113919		99.25	0.27		
113920		98.29	0.22		
113921		99.35	0.33		
113922		98.74	0.43		
113923		99.43	0.37		
113924		98.41	0.46		
113925		98.74	0.30		
113926		98.95	0.35		
113927		98.75	0.31		
113928		98.90	0.43		
113929		98.97	0.02		
113930		99.73	0.02		
113931		99.07	0.42		
113932		99.03	0.32		
113933		99.09	0.35		
113934		99.06	0.36		
113935		98.44	0.13		
113936		98.30	0.09	1425	232
113937		98.54	0.04		
113938		99.80	0.02		



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Page: 4 - A  
Nombre total de pages: 4 (A - B)  
Finalisée date: 16-MARS-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10020143

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0,02	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
113939		2,86	53,43	14,57	11,29	8,85	5,51	2,62	0,46	0,02	1,34	0,16	0,046	0,02	<0,01	1,67
113940		2,52	49,36	15,43	11,61	9,85	5,97	2,51	0,45	0,02	1,49	0,17	0,037	0,02	<0,01	1,96
113946		3,04	40,67	11,98	21,85	11,12	7,69	1,29	0,31	0,03	3,17	0,25	0,023	0,01	0,01	1,14
113947		3,55	38,74	8,58	26,44	10,76	9,21	0,78	0,09	0,04	4,00	0,30	0,018	<0,01	<0,01	0,72
113948		3,53	37,53	10,30	24,28	11,07	7,73	0,94	0,18	0,04	4,36	0,28	0,017	0,01	0,01	1,59
113949		2,97	41,83	7,58	23,39	11,58	10,21	0,79	0,14	0,05	2,97	0,28	0,016	0,01	<0,01	0,69



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Page: 4 - B

Nombre total de pages: 4 (A - B)

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Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10020143

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	ME-ICP61	ME-ICP61
		Total	V	Cu	Ni
		%	%	ppm	ppm
		0,01	0,01	1	1
113939		99.98	0.06		
113940		98.88	0.07		
113946		99.54	0.14		
113947		99.69	0.18		
113948		98.33	0.20		
113949		99.54	0.16		



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Page: 1  
Finalisée date: 1-JUIN-2010  
Compte: PET

## CERTIFICAT VO10065117

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 3 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25-MAI-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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Page: 2 - A

Nombre total de pages: 2 (A - B)

Finalisée date: 1-JUIN-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10065117

Description échantillon	Méthode élément unités L.D.	VWEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
1011949		2.06	24.54	6.98	46.48	5.50	6.90	0.69	0.05	0.09	8.14	0.30	0.026	0.01	<0.01	-0.58
1011950		2.82	10.78	2.81	65.91	1.92	5.35	0.10	0.02	0.07	12.55	0.35	0.017	0.01	<0.01	-0.87
1011951		1.73	21.34	2.92	52.02	5.12	7.91	0.10	0.02	0.05	9.91	0.37	0.021	0.01	<0.01	0.13



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Page: 2 - B  
Nombre total de pages: 2 (A - B)  
Finalisée date: 1-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10065117

Description échantillon	Méthode élément unités L.D.	ME-XRF08	V-XRF10
		Total	V
		%	%
		0.01	0.01
1011949		99.14	0.36
1011950		99.02	0.58
1011951		99.92	0.43



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Page: 1

Finalisée date: 2-JUIN-2010

Compte: PET

## CERTIFICAT VO10063001

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 50 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-MAI-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.

ATTN: ROGER MOAR


SUITE 1600

543 GRANVILLE STREET

VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

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À: APELLA RESOURCES INC.

SUITE 1600

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Page: 2 - A

Nombre total de pages: 3 (A - B)

Finalisée date: 2-JUIN-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10063001

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	
		Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	
113951		3.59	45.25	21.77	12.37	11.04	3.33	2.83	0.28	0.03	1.74	0.14	0.033	0.03	<0.01	0.78
113952		3.58	48.05	19.94	13.20	10.57	3.64	2.95	0.55	0.02	1.75	0.15	0.031	0.03	0.01	1.24
113953		3.88	47.00	18.29	14.14	10.00	3.77	3.30	0.37	0.02	1.87	0.16	0.037	0.03	<0.01	0.83
113954		3.25	37.36	13.04	25.69	8.64	5.88	1.85	0.34	0.06	3.95	0.22	0.158	0.04	<0.01	2.35
113955		2.24	54.89	12.50	15.85	5.41	2.82	3.23	0.30	0.04	2.51	0.13	0.080	0.02	<0.01	1.74
113956		3.80	43.23	15.91	17.59	10.89	5.31	2.02	0.54	0.02	2.41	0.20	0.077	0.03	0.01	1.65
113957		2.50	40.10	11.34	24.59	9.43	7.59	1.18	0.47	0.03	2.93	0.26	0.083	0.02	0.01	1.67
113958		2.53	40.23	12.75	23.87	9.19	5.87	1.59	0.52	0.03	3.11	0.22	0.038	0.02	<0.01	2.28
113959		3.49	41.00	16.48	18.91	9.64	4.83	2.29	0.74	0.03	2.71	0.18	0.053	0.02	0.01	2.90
113960		3.65	58.05	15.82	9.75	7.02	2.58	3.20	0.67	0.02	1.33	0.11	0.037	0.02	0.01	1.43
113961		3.62	47.43	18.10	15.14	9.26	4.80	2.51	0.58	0.03	1.91	0.17	0.032	0.02	0.01	1.70
113962		1.83	44.09	17.13	15.82	9.82	5.16	2.32	0.81	0.02	2.05	0.18	0.035	0.02	<0.01	2.52
113963		3.27	27.72	4.25	42.55	3.81	12.18	0.13	0.07	0.05	5.59	0.36	0.025	0.01	<0.01	2.91
113964		3.05	32.79	8.58	34.92	5.60	11.01	0.40	0.10	0.04	3.86	0.33	0.059	0.01	<0.01	1.73
113965		3.18	29.70	7.35	38.21	7.85	7.76	0.34	0.05	0.03	6.39	0.32	0.322	0.02	<0.01	0.63
113966		3.77	19.82	4.45	54.43	3.10	8.72	0.27	0.07	0.05	9.12	0.35	0.027	0.01	<0.01	-1.00
113967		4.04	30.11	6.28	40.46	4.77	11.00	0.53	0.10	0.04	4.87	0.33	0.025	0.01	<0.01	0.55
113968		2.77	36.10	15.02	23.13	7.02	9.80	0.99	0.19	0.02	2.89	0.35	0.048	0.02	<0.01	4.08
113969		2.97	29.21	7.84	40.44	4.40	9.43	0.72	0.14	0.05	5.79	0.31	0.028	0.02	<0.01	1.50
113970		3.49	23.40	3.86	50.25	2.48	11.68	0.24	0.04	0.06	6.68	0.36	0.020	0.01	<0.01	0.11
113971		3.55	22.22	4.81	52.47	2.84	9.65	0.35	0.06	0.07	7.91	0.36	0.028	0.01	<0.01	-0.49
113972		3.22	31.99	9.92	36.60	6.73	7.23	1.04	0.10	0.06	5.95	0.29	0.029	0.02	<0.01	0.18
113973		3.75	15.96	3.71	58.85	1.64	8.70	0.19	0.02	0.08	9.61	0.36	0.019	0.01	<0.01	-0.50
113974		3.94	17.33	3.32	58.31	2.40	9.69	0.17	0.02	0.06	9.09	0.38	0.017	0.01	<0.01	-1.13
113975		0.11	37.55	15.95	23.85	9.43	6.56	1.81	0.08	0.07	2.98	0.19	0.024	0.01	<0.01	0.76
113976		3.50	28.00	6.88	42.56	5.52	9.02	0.49	0.10	0.04	8.18	0.32	0.037	0.02	<0.01	0.62
113977		3.47	23.96	5.34	47.59	4.48	8.82	0.32	0.07	0.07	7.47	0.33	0.020	0.01	<0.01	0.82
113978		4.07	13.61	2.87	61.29	1.42	8.11	0.07	0.02	0.08	10.30	0.35	0.018	0.01	<0.01	0.13
113979		3.88	20.40	3.09	53.73	4.71	9.26	0.14	0.01	0.07	8.51	0.34	0.017	0.01	<0.01	-1.11
113980		2.89	28.65	5.53	40.13	7.46	8.97	0.25	0.04	0.06	8.14	0.31	0.018	0.01	<0.01	1.35
113981		2.68	38.37	13.98	15.30	12.82	4.35	1.73	0.67	0.02	1.79	0.16	0.056	0.02	0.01	10.35
113982		3.43	43.84	18.76	13.73	11.00	4.32	2.50	0.44	0.02	1.92	0.16	0.040	0.03	0.01	2.74
113983		3.57	39.03	14.69	23.53	10.19	5.44	1.66	0.22	0.06	3.59	0.20	0.020	0.02	<0.01	0.91
113984		3.81	38.52	17.70	21.92	10.02	3.90	1.98	0.31	0.06	3.54	0.17	0.029	0.03	<0.01	1.57
113985		3.47	47.35	21.29	9.54	12.07	3.14	2.58	0.34	0.01	0.98	0.12	0.056	0.03	<0.01	2.63
113986		3.54	46.25	22.26	9.22	12.21	3.79	2.51	0.47	0.01	0.81	0.12	0.032	0.03	0.01	2.01
113987		3.62	46.42	19.88	11.38	11.50	4.23	2.21	0.39	0.02	0.99	0.13	0.041	0.03	0.01	2.56
113988		3.57	46.70	21.06	10.37	11.88	3.34	2.24	0.29	0.01	1.03	0.12	0.055	0.03	0.01	2.75
113989		2.93	47.57	20.02	10.30	11.13	3.66	2.23	0.35	0.02	1.23	0.13	0.064	0.03	0.01	3.23
113990		3.05	41.07	10.07	27.08	7.29	6.17	1.15	0.12	0.02	3.62	0.22	0.042	0.02	<0.01	2.10



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Page: 2 - B  
Nombre total de pages: 3 (A - B)  
Finalisée date: 2-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10063001

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
113951		99.60	0.08
113952		100.15	0.08
113953		99.82	0.08
113954		99.58	0.16
113955		99.50	0.11
113956		99.69	0.09
113957		99.69	0.12
113958		99.50	0.15
113959		99.80	0.12
113960		100.05	0.07
113961		99.69	0.09
113962		99.78	0.09
113963		99.64	0.24
113964		99.43	0.17
113965		98.97	0.23
113966		99.42	0.37
113967		99.06	0.22
113968		99.75	0.12
113969		99.88	0.26
113970		98.96	0.31
113971		100.10	0.34
113972		100.15	0.24
113973		98.64	0.46
113974		99.65	0.43
113975		99.06	0.16
113976		99.76	0.27
113977		99.29	0.35
113978		98.27	0.52
113979		99.18	0.43
113980		98.92	0.31
113981		99.62	0.09
113982		99.51	0.09
113983		99.56	0.18
113984		99.75	0.17
113985		100.15	0.06
113986		99.73	0.05
113987		99.79	0.06
113988		99.88	0.06
113989		99.96	0.05
113990		98.98	0.17



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## CERTIFICAT D'ANALYSE VO10063001

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0,02	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
113991		3.22	44.06	10.72	24.92	7.55	5.24	1.43	0.13	0.02	3.24	0.21	0.047	0.02	<0.01	1.76
113992		3.41	33.00	9.58	33.56	9.73	6.62	0.52	0.07	0.03	5.32	0.26	0.015	0.02	<0.01	1.19
113993		3.29	28.02	8.63	38.16	8.09	5.84	0.33	0.05	0.03	6.48	0.25	0.032	0.02	<0.01	4.29
113994		3.37	22.79	5.96	44.53	6.79	4.96	0.03	0.01	0.04	8.32	0.25	0.023	0.02	<0.01	4.67
113995		3.54	18.94	7.18	50.84	4.48	4.61	0.23	0.04	0.06	9.51	0.26	0.022	0.01	<0.01	2.47
113996		3.71	17.31	7.33	55.62	4.00	4.30	0.34	0.05	0.08	10.71	0.28	0.019	0.02	<0.01	-0.36
113997		2.33	35.44	11.28	28.63	8.44	8.08	0.95	0.13	0.07	3.57	0.24	0.029	0.02	<0.01	2.43
113998		1.98	33.00	8.62	34.56	7.38	9.12	0.68	0.13	0.12	4.78	0.30	0.020	0.02	<0.01	1.23
113999		3.06	43.86	15.88	17.63	9.93	6.24	1.84	0.33	0.04	1.74	0.19	0.051	0.02	<0.01	1.83
114000		0.13	28.64	5.42	42.30	7.20	7.63	0.62	0.08	0.03	7.46	0.31	0.023	0.01	<0.01	-0.04



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Page: 3 - B

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## CERTIFICAT D'ANALYSE VO10063001

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total % 0.01	V % 0.01
113991		99.34	0.16
113992		99.92	0.24
113993		98.22	0.29
113994		98.39	0.35
113995		98.65	0.45
113996		99.68	0.51
113997		99.30	0.20
113998		99.97	0.25
113999		99.59	0.09
114000		99.69	0.25



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Page: 1  
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Compte: PET

## CERTIFICAT VO10063002

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 125 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-MAI-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre


## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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Page: 2 - A

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## CERTIFICAT D'ANALYSE VO10063002

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF08	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
171501		3.58	44.15	13.42	19.73	9.65	7.16	1.88	0.24	0.04	2.22	0.23	0.063	0.02	0.01	1.27
171502		3.85	45.09	15.84	15.78	10.93	6.39	1.80	0.33	0.02	1.46	0.19	0.060	0.02	0.01	1.74
171503		3.87	43.18	12.51	19.52	11.32	8.43	1.22	0.17	0.03	1.79	0.24	0.062	0.02	<0.01	1.36
171504		3.41	44.23	16.56	16.95	10.28	6.89	1.89	0.21	0.03	1.46	0.20	0.049	0.02	<0.01	1.10
171505		3.62	41.00	12.73	22.73	8.82	9.14	1.24	0.19	0.03	1.87	0.25	0.029	0.02	<0.01	1.64
171506		3.32	43.88	12.58	19.39	10.13	8.56	1.27	0.24	0.03	1.75	0.25	0.024	0.02	<0.01	1.66
171507		2.66	59.14	16.20	8.32	6.78	2.86	4.12	0.36	0.01	0.88	0.12	0.211	0.03	0.01	0.96
171508		3.98	41.45	12.75	22.11	9.85	7.93	1.33	0.24	0.03	2.37	0.24	0.027	0.02	<0.01	1.37
171509		3.32	42.68	13.26	20.34	9.65	7.78	1.46	0.27	0.03	2.03	0.23	0.025	0.02	<0.01	1.46
171510		2.81	43.77	19.57	15.52	10.59	3.05	2.56	0.38	0.04	2.55	0.14	0.030	0.03	<0.01	1.78
171511		3.04	38.45	14.52	24.20	10.04	5.36	1.46	0.19	0.06	3.64	0.21	0.077	0.02	<0.01	1.38
171512		3.46	39.06	11.60	25.26	10.22	7.63	1.17	0.19	0.04	3.21	0.25	0.047	0.02	<0.01	1.11
171513		3.07	39.42	12.84	24.56	9.37	7.93	1.33	0.18	0.03	2.84	0.25	0.047	0.02	<0.01	1.08
171514		2.79	51.34	18.68	10.66	9.19	2.89	3.23	0.39	0.01	1.37	0.13	0.030	0.02	<0.01	1.89
171515		3.06	41.00	16.20	20.01	10.72	5.83	1.77	0.41	0.03	2.71	0.19	0.036	0.02	<0.01	1.30
171516		3.03	43.85	17.71	15.95	11.06	4.78	2.04	0.42	0.03	2.14	0.16	0.032	0.02	<0.01	1.56
171517		2.84	58.82	15.86	9.89	7.36	3.42	3.90	0.29	0.02	1.06	0.13	0.023	0.02	<0.01	1.14
171518		2.94	40.36	14.17	22.21	10.06	6.99	1.46	0.22	0.04	2.66	0.21	0.033	0.02	<0.01	1.20
171519		3.33	38.81	12.41	27.35	9.00	8.01	1.22	0.25	0.06	3.46	0.25	0.030	0.02	<0.01	1.05
171520		3.09	43.93	17.78	14.89	11.09	5.06	2.16	0.40	0.02	1.69	0.16	0.038	0.03	<0.01	2.73
171521		3.09	48.02	16.77	14.95	9.80	4.83	2.35	0.49	0.02	1.56	0.17	0.037	0.02	<0.01	2.56
171522		3.22	32.63	9.30	35.64	6.99	9.25	0.81	0.09	0.08	4.78	0.29	0.027	0.02	<0.01	-0.16
171523		3.26	30.96	7.03	37.25	5.88	11.06	0.48	0.04	0.08	4.40	0.31	0.021	0.01	<0.01	1.42
171524		1.89	30.38	11.76	35.35	7.05	6.85	1.01	0.14	0.10	5.89	0.26	0.026	0.02	<0.01	1.07
171525		0.14	18.57	5.80	56.13	3.41	4.74	0.46	0.08	0.04	11.40	0.30	0.024	0.01	<0.01	0.39
171526		3.01	44.28	18.28	15.83	9.45	4.50	2.63	0.47	0.03	1.90	0.16	0.039	0.02	0.01	2.33
171527		2.66	39.35	15.77	22.61	8.76	5.68	1.93	0.37	0.04	3.11	0.20	0.040	0.02	<0.01	1.99
171528		3.02	44.01	15.79	18.23	10.41	5.37	2.17	0.29	0.03	2.46	0.20	0.051	0.02	<0.01	0.79
171529		2.98	44.70	18.06	14.94	11.65	4.61	2.16	0.23	0.03	1.95	0.17	0.036	0.02	<0.01	1.46
171530		3.11	40.22	16.31	21.38	10.47	5.35	1.87	0.22	0.05	3.03	0.20	0.029	0.03	<0.01	0.93
171531		2.87	42.88	19.91	15.71	11.70	3.14	2.18	0.31	0.04	2.67	0.14	0.033	0.03	<0.01	1.25
171532		3.09	40.91	16.96	20.72	8.73	5.62	1.93	0.29	0.03	2.53	0.20	0.031	0.02	<0.01	1.70
171533		3.21	42.02	17.15	19.44	8.58	6.01	1.95	0.53	0.03	1.97	0.21	0.051	0.02	<0.01	1.99
171534		2.84	47.15	17.30	13.35	10.94	4.77	2.21	0.51	0.02	1.78	0.17	0.038	0.02	0.01	1.49
171535		2.35	62.25	14.28	8.47	4.60	2.70	4.11	0.32	0.01	1.11	0.13	0.150	0.03	0.01	1.43
171536		3.18	36.00	9.59	30.00	5.84	12.47	0.74	0.19	0.03	2.60	0.31	0.044	0.02	0.01	2.22
171537		3.77	35.26	9.54	31.19	5.12	11.74	0.82	0.23	0.03	2.72	0.29	0.047	0.02	<0.01	2.39
171538		4.05	30.13	10.30	37.48	5.92	7.83	0.77	0.19	0.06	5.66	0.28	0.031	0.02	<0.01	1.31
171539		2.84	57.11	14.57	11.67	6.94	3.14	3.68	0.37	0.01	1.51	0.16	0.202	0.03	0.01	0.57
171540		3.35	56.24	14.87	11.95	7.02	3.19	3.58	0.46	0.01	1.51	0.17	0.211	0.03	0.01	0.63



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Page: 2 - B  
Nombre total de pages: 5 (A - B)  
Finalisée date: 2-JUIN-2010  
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Projet: IT

## CERTIFICAT D'ANALYSE VO10063002

Description échantillon	Méthode élément unités L.D.	ME-XRF08	V-XRF10
		Total %	V %
171501		100.10	0.11
171502		99.65	0.08
171503		99.86	0.09
171504		99.86	0.08
171505		99.69	0.10
171506		99.56	0.10
171507		99.99	0.03
171508		99.71	0.13
171509		99.24	0.11
171510		100.00	0.10
171511		99.61	0.15
171512		99.81	0.14
171513		99.70	0.13
171514		99.81	0.06
171515		100.05	0.14
171516		99.76	0.11
171517		99.92	0.08
171518		99.64	0.13
171519		99.92	0.18
171520		99.99	0.09
171521		99.58	0.09
171522		99.74	0.24
171523		98.94	0.23
171524		99.69	0.28
171525		99.36	0.36
171526		99.93	0.09
171527		99.88	0.15
171528		99.83	0.11
171529		100.00	0.09
171530		100.10	0.14
171531		99.99	0.11
171532		99.68	0.10
171533		99.95	0.08
171534		99.76	0.07
171535		99.59	0.03
171536		100.05	0.13
171537		99.39	0.13
171538		99.98	0.25
171539		99.97	0.04
171540		99.88	0.04



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Page: 3 - A

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Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10063002

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
171541		2.15	56.13	14.45	12.39	6.89	3.32	3.48	0.39	0.01	1.57	0.18	0.221	0.03	0.01	0.86
171542		2.50	55.62	14.38	12.87	8.11	3.65	3.51	0.32	0.01	1.51	0.19	0.213	0.02	<0.01	1.06
171543		3.66	14.04	2.53	61.42	1.32	8.64	0.08	0.02	0.08	10.29	0.35	0.019	0.01	<0.01	0.28
171544		3.15	30.18	8.29	37.28	4.98	10.56	0.46	0.15	0.05	4.66	0.30	0.027	0.01	<0.01	2.03
171545		3.40	26.91	8.45	42.00	4.70	9.23	0.46	0.13	0.07	8.16	0.31	0.034	0.02	<0.01	1.48
171546		3.22	36.77	12.07	28.86	8.28	7.00	1.00	0.24	0.04	4.01	0.26	0.040	0.02	<0.01	1.03
171547		3.60	21.58	3.35	52.80	2.81	10.48	0.09	0.02	0.05	7.81	0.34	0.018	0.01	<0.01	0.71
171548		2.90	40.55	8.40	29.44	5.87	6.95	1.30	0.13	0.03	3.98	0.23	0.062	0.01	<0.01	2.36
171549		2.57	26.57	4.24	46.05	5.95	8.49	0.40	0.08	0.07	7.50	0.32	0.023	0.01	<0.01	0.43
171550		0.56	71.13	15.43	1.87	2.20	0.84	5.80	1.60	<0.01	0.14	0.04	0.053	0.04	0.05	0.72
171551		2.12	56.83	14.38	11.79	6.69	3.02	3.43	0.35	0.01	1.48	0.16	0.211	0.03	0.01	1.64
171552		2.42	56.56	15.04	11.67	7.00	2.97	3.48	0.39	0.01	1.44	0.15	0.195	0.03	<0.01	1.03
171553		3.20	20.35	8.78	48.80	4.22	5.48	0.46	0.53	0.14	8.73	0.28	0.026	0.02	<0.01	0.70
171554		2.02	74.01	13.62	2.95	2.65	0.51	4.47	0.77	<0.01	0.19	0.03	0.039	0.02	0.02	0.71
171555		3.60	27.30	10.28	41.16	5.18	5.72	0.95	0.29	0.13	6.90	0.26	0.034	0.02	<0.01	0.60
171556		3.00	38.09	17.14	23.62	9.43	4.17	1.92	0.31	0.07	4.03	0.18	0.030	0.02	<0.01	0.88
171557		2.92	44.10	18.40	15.01	11.50	5.07	2.22	0.21	0.02	1.74	0.17	0.033	0.03	<0.01	1.31
171558		3.03	44.46	16.69	17.67	9.66	8.68	1.89	0.10	0.02	1.54	0.21	0.035	0.02	<0.01	0.80
171559		3.03	42.41	18.04	18.22	10.09	5.02	2.10	0.17	0.03	2.32	0.19	0.057	0.02	<0.01	1.10
171560		2.78	43.86	18.86	15.59	10.54	4.14	2.26	0.25	0.02	2.26	0.16	0.058	0.02	<0.01	1.82
171561		3.08	44.24	17.20	15.98	10.34	5.21	1.99	0.41	0.01	1.67	0.18	0.043	0.02	<0.01	2.51
171562		3.09	41.31	14.78	21.97	8.41	6.22	1.75	0.50	0.02	2.71	0.23	0.043	0.02	<0.01	1.58
171563		2.91	42.95	15.39	19.83	8.93	6.66	1.88	0.36	0.01	1.75	0.22	0.067	0.02	<0.01	1.61
171564		2.96	40.40	14.07	22.95	9.45	6.02	1.56	0.26	0.02	3.18	0.23	0.040	0.02	<0.01	1.37
171565		2.80	45.58	14.49	17.14	9.96	5.71	1.74	0.31	0.01	2.10	0.20	0.055	0.02	<0.01	2.38
171566		2.97	43.72	16.22	17.58	9.90	5.47	1.87	0.37	0.01	2.19	0.21	0.041	0.02	<0.01	1.62
171567		3.32	38.88	14.08	23.33	9.09	5.34	1.53	0.25	0.04	3.59	0.22	0.028	0.02	<0.01	1.95
171568		3.01	36.73	13.91	27.29	8.74	5.09	1.54	0.25	0.05	4.63	0.23	0.058	0.02	<0.01	1.30
171569		3.64	41.39	15.15	19.58	10.03	5.00	1.61	0.38	0.02	2.80	0.19	0.077	0.02	<0.01	2.87
171570		3.08	42.71	14.82	18.47	10.15	5.14	1.65	0.39	0.02	2.91	0.21	0.116	0.03	<0.01	2.72
171571		3.13	42.87	13.37	20.74	9.59	6.26	1.87	0.36	0.04	2.75	0.21	0.032	0.02	<0.01	1.75
171572		3.02	39.69	17.07	21.14	8.60	5.27	1.82	0.48	0.05	2.41	0.18	0.050	0.02	0.01	2.83
171573		2.68	45.34	21.11	12.18	9.72	3.41	2.66	0.48	0.01	0.85	0.12	0.031	0.03	0.01	3.47
171574		2.79	44.64	19.63	14.20	9.06	4.17	2.47	0.34	0.02	1.05	0.14	0.032	0.03	<0.01	3.63
171575		0.11	37.57	15.90	23.82	9.41	6.56	1.62	0.08	0.07	2.96	0.19	0.024	0.01	<0.01	0.77
171576		3.20	46.62	20.45	11.60	10.60	3.44	2.52	0.34	0.02	0.95	0.12	0.035	0.03	0.01	3.02
171577		2.74	58.30	17.03	7.62	6.33	2.63	3.69	0.49	0.01	0.72	0.09	0.108	0.02	0.01	3.13
171578		2.59	57.91	16.99	9.27	4.30	3.04	3.98	0.65	0.01	0.91	0.11	0.121	0.03	0.01	2.82
171579		2.87	15.91	4.83	59.34	3.06	5.00	0.28	0.06	0.05	11.39	0.35	0.021	0.02	<0.01	-0.43
171580		2.95	50.12	13.63	19.97	5.07	3.09	2.90	0.37	0.02	3.27	0.17	0.108	0.03	0.01	0.95



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Page: 3 - B  
Nombre total de pages: 5 (A - B)  
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Projet: IT

## CERTIFICAT D'ANALYSE VO10063002

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
171541		99.92	0.04
171542		99.46	0.04
171543		99.06	0.48
171544		98.98	0.21
171545		99.95	0.27
171546		99.41	0.17
171547		99.84	0.38
171548		99.32	0.19
171549		100.15	0.38
171550		99.91	0.01
171551		100.00	0.04
171552		99.97	0.04
171553		98.51	0.44
171554		99.99	0.02
171555		98.81	0.33
171556		99.89	0.17
171557		99.82	0.09
171558		99.78	0.08
171559		99.76	0.10
171560		99.85	0.10
171561		99.81	0.08
171562		99.54	0.12
171563		99.69	0.09
171564		99.57	0.14
171565		99.70	0.10
171566		99.22	0.10
171567		98.34	0.15
171568		99.83	0.19
171569		99.13	0.12
171570		99.33	0.10
171571		99.66	0.13
171572		99.62	0.12
171573		99.42	0.05
171574		99.41	0.06
171575		98.99	0.16
171576		99.75	0.05
171577		100.20	0.03
171578		99.94	0.04
171579		99.87	0.48
171580		99.69	0.13



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Page: 4 - A

Nombre total de pages: 5 (A - B)

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## CERTIFICAT D'ANALYSE VO10063002

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
171581		3.71	21.59	6.06	52.23	3.48	4.49	0.43	0.04	0.04	10.03	0.30	0.040	0.01	<0.01	0.34
171582		3.93	11.23	3.50	64.61	2.50	5.13	0.07	0.01	0.05	12.48	0.33	0.014	0.01	<0.01	-0.97
171583		3.59	20.23	5.01	53.49	5.09	6.74	0.34	0.03	0.04	9.32	0.31	0.016	0.02	<0.01	-0.41
171584		3.20	31.68	7.39	36.65	8.21	7.80	0.70	0.06	0.03	5.28	0.27	0.016	0.01	<0.01	0.88
171585		3.39	33.64	8.81	33.58	9.10	6.72	0.86	0.12	0.03	5.08	0.26	0.015	0.01	<0.01	1.04
171586		3.13	50.01	11.51	20.06	6.90	4.23	2.69	0.24	0.02	3.05	0.17	0.028	0.02	<0.01	0.84
171587		3.41	31.07	8.49	36.93	8.65	6.57	0.60	0.11	0.04	5.95	0.28	0.018	0.02	<0.01	0.82
171588		3.88	26.05	6.17	44.60	7.01	6.66	0.29	0.04	0.04	7.44	0.29	0.015	0.01	<0.01	0.23
171589		3.51	17.03	5.65	56.45	3.70	5.11	0.18	0.03	0.05	10.45	0.30	0.015	0.01	<0.01	-0.25
171590		2.60	19.18	7.55	48.42	5.40	5.09	0.31	0.06	0.07	9.53	0.30	0.021	0.01	<0.01	2.90
171591		3.09	37.67	13.99	18.57	10.61	5.47	0.98	0.18	0.03	2.56	0.20	0.034	0.02	<0.01	8.76
171592		3.03	35.39	10.36	23.59	9.94	8.71	0.40	0.08	0.05	2.07	0.21	0.019	0.01	<0.01	7.45
171593		2.93	41.36	16.21	20.21	8.42	6.38	1.74	0.23	0.05	2.07	0.21	0.035	0.02	<0.01	2.59
171594		2.73	43.07	17.23	17.51	9.45	6.09	1.95	0.27	0.02	1.15	0.18	0.034	0.02	<0.01	2.66
171595		3.04	46.13	14.27	14.69	11.89	6.94	1.64	0.37	0.02	1.31	0.20	0.067	0.02	0.01	2.18
171596		3.05	45.21	18.74	12.72	11.70	5.24	2.13	0.34	0.03	1.23	0.16	0.027	0.03	0.01	2.36
171597		2.91	44.49	14.10	15.88	12.76	6.83	1.38	0.13	0.03	1.71	0.20	0.024	0.02	<0.01	2.00
171598		3.30	40.82	11.90	22.76	8.77	9.58	1.12	0.10	0.03	1.78	0.28	0.023	0.02	<0.01	2.28
171599		2.23	44.43	17.32	14.92	10.69	5.89	1.96	0.16	0.02	1.35	0.17	0.034	0.03	<0.01	3.08
171600		0.12	28.69	5.43	42.39	7.20	7.84	0.62	0.08	0.02	7.46	0.31	0.023	0.01	<0.01	-0.04
171601		2.54	43.33	14.13	19.28	11.10	5.39	1.79	0.22	0.02	3.30	0.21	0.025	0.02	<0.01	1.08
171602		3.12	38.03	10.09	27.66	10.09	6.54	1.04	0.15	0.02	4.84	0.27	0.129	0.02	<0.01	0.55
171603		2.84	43.64	13.46	19.91	10.26	5.66	1.80	0.28	0.02	3.14	0.21	0.067	0.02	<0.01	1.07
171604		3.17	42.38	12.54	20.75	11.33	6.79	1.30	0.20	0.02	2.70	0.23	0.041	0.02	<0.01	1.75
171605		3.14	40.95	12.67	20.78	12.57	6.23	0.92	0.12	0.02	3.47	0.22	0.060	0.03	<0.01	1.84
171606		3.02	43.02	13.64	18.63	11.88	6.18	1.42	0.22	0.02	2.72	0.21	0.076	0.02	<0.01	1.76
171607		2.97	43.55	19.98	12.47	13.52	3.66	1.73	0.12	0.01	1.40	0.12	0.059	0.03	<0.01	3.14
171608		3.30	34.54	11.33	31.20	8.86	5.54	1.17	0.17	0.06	5.81	0.25	0.071	0.02	<0.01	0.38
171609		3.08	40.10	12.03	24.24	10.13	6.71	1.28	0.17	0.03	3.63	0.25	0.034	0.02	<0.01	1.01
171610		3.26	43.17	9.75	20.94	12.16	8.46	0.84	0.10	0.02	2.50	0.26	0.037	0.02	<0.01	1.17
171611		3.24	41.58	13.29	21.92	10.74	6.60	1.56	0.13	0.02	3.04	0.24	0.063	0.02	<0.01	0.89
171612		3.10	40.47	13.26	22.59	10.57	6.31	1.55	0.18	0.03	3.38	0.23	0.023	0.02	<0.01	1.22
171613		3.86	44.39	11.39	19.31	11.90	7.41	1.31	0.12	0.02	2.31	0.25	0.032	0.02	<0.01	0.94
171614		3.87	45.78	14.99	15.10	12.21	5.99	1.81	0.21	0.02	1.88	0.20	0.030	0.02	<0.01	1.55
171615		3.22	47.06	17.08	12.13	12.08	5.27	2.28	0.23	0.01	1.32	0.16	0.027	0.02	<0.01	2.31
171616		3.04	41.87	16.89	19.08	10.60	4.65	2.03	0.22	0.03	2.87	0.18	0.030	0.02	<0.01	1.52
171617		3.35	39.81	9.74	25.88	9.99	8.42	1.01	0.13	0.05	3.63	0.27	0.022	0.02	<0.01	0.69
171618		3.23	44.83	10.36	21.15	10.12	8.02	1.24	0.12	0.04	2.60	0.23	0.033	0.02	<0.01	0.90
171619		3.00	48.11	13.79	17.22	9.09	5.10	2.13	0.17	0.02	2.50	0.19	0.092	0.02	<0.01	1.54
171620		3.17	43.29	14.36	18.45	10.87	5.43	1.87	0.32	0.02	2.69	0.21	0.145	0.02	<0.01	1.50



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SUITE 1600

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Page: 4 - B

Nombre total de pages: 5 (A - B)

Finalisée date: 2-JUIN-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10063002

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
171581		99.07	0.41
171582		98.97	0.53
171583		100.20	0.42
171584		98.98	0.25
171585		99.27	0.24
171586		99.76	0.15
171587		99.52	0.28
171588		98.84	0.34
171589		98.73	0.47
171590		98.84	0.44
171591		99.07	0.13
171592		98.28	0.11
171593		99.52	0.10
171594		99.64	0.07
171595		99.74	0.07
171596		99.91	0.07
171597		99.56	0.10
171598		99.43	0.10
171599		100.05	0.07
171600		99.84	0.25
171601		99.89	0.11
171602		99.43	0.16
171603		99.54	0.11
171604		100.05	0.10
171605		99.88	0.12
171606		99.80	0.10
171607		99.79	0.06
171608		99.37	0.22
171609		99.63	0.14
171610		99.43	0.11
171611		99.89	0.12
171612		99.84	0.14
171613		99.40	0.10
171614		99.79	0.08
171615		99.98	0.07
171616		99.79	0.13
171617		99.65	0.17
171618		99.66	0.13
171619		99.98	0.11
171620		99.17	0.10



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Page: 5 - A

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## CERTIFICAT D'ANALYSE VO10063002

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	
		Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	
171621		1.86	54.29	15.12	13.26	7.39	3.29	2.79	0.35	0.02	1.90	0.13	0.126	0.03	0.01	1.24
171622		3.37	39.09	9.84	28.59	8.08	7.47	1.11	0.22	0.02	4.27	0.28	0.077	0.02	<0.01	0.81
171623		3.11	44.32	16.32	16.23	11.11	4.99	1.63	0.25	0.02	2.21	0.19	0.044	0.02	<0.01	2.08
171624		2.31	44.64	11.42	20.99	9.10	7.50	1.54	0.40	0.01	2.09	0.27	0.176	0.02	<0.01	1.26
171625		0.14	16.48	5.79	56.02	3.40	4.74	0.47	0.08	0.04	11.43	0.29	0.024	0.01	<0.01	0.39



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Page: 5 - B

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**CERTIFICAT D'ANALYSE VO10063002**

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total	V
		%	%
		0,01	0,01
171621		99,94	0,08
171622		99,88	0,16
171623		99,41	0,09
171624		99,42	0,08
171625		99,17	0,36





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Page: 1  
Finalisée date: 9-JUIN-2010  
Compte: PET

## CERTIFICAT VO10065118

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 90 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 25-MAI-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

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## CERTIFICAT D'ANALYSE VO10065118

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
171626		3.03	37.95	11.47	26.35	8.40	8.40	0.93	0.21	0.04	2.85	0.26	0.034	0.02	<0.01	2.26
171627		3.11	41.19	13.58	21.45	9.99	6.33	1.54	0.36	0.03	2.79	0.22	0.071	0.02	<0.01	1.63
171628		3.24	40.00	13.44	22.43	9.74	7.71	1.42	0.30	0.03	2.58	0.24	0.040	0.02	<0.01	2.00
171629		3.31	39.00	12.36	25.00	9.65	7.56	1.19	0.21	0.03	3.19	0.25	0.043	0.02	<0.01	1.58
171630		3.26	35.64	10.52	29.62	8.32	7.51	1.08	0.34	0.04	4.32	0.26	0.027	0.02	<0.01	1.43
171631		3.19	40.57	12.64	24.16	7.92	7.22	1.51	0.34	0.03	3.15	0.24	0.033	0.02	<0.01	2.17
171632		3.13	42.14	16.31	18.89	9.62	6.02	1.80	0.29	0.02	2.16	0.20	0.044	0.02	<0.01	1.83
171633		3.02	42.94	17.10	16.88	10.12	5.15	2.08	0.37	0.02	2.17	0.19	0.062	0.03	<0.01	1.94
171634		3.06	51.75	12.10	17.23	8.10	5.77	1.61	0.20	0.02	1.84	0.19	0.042	0.02	<0.01	1.34
171635		3.07	45.14	16.29	14.53	11.75	4.97	2.11	0.32	0.02	2.11	0.18	0.054	0.03	0.01	1.65
171636		3.02	45.53	16.38	14.98	11.60	4.74	1.99	0.28	0.01	2.18	0.17	0.083	0.02	<0.01	1.61
171637		3.09	44.28	14.78	17.10	11.47	5.38	1.71	0.21	0.02	2.73	0.20	0.062	0.02	<0.01	1.29
171638		3.45	47.00	15.53	14.42	11.40	5.19	1.99	0.28	0.01	1.94	0.19	0.056	0.02	<0.01	1.98
171639		3.04	43.03	19.89	15.62	10.45	3.62	2.58	0.36	0.02	2.80	0.16	0.079	0.03	<0.01	1.50
171640		3.11	44.20	15.38	18.29	9.75	6.56	1.99	0.24	0.02	2.12	0.23	0.051	0.02	<0.01	1.11
171641		2.50	52.32	19.54	8.74	9.21	3.48	3.25	0.32	0.01	0.59	0.11	0.132	0.03	<0.01	1.95
171642		3.38	47.62	19.51	12.43	9.40	3.08	3.18	0.28	0.02	1.74	0.13	0.051	0.02	<0.01	2.49
171643		3.03	39.62	20.01	16.26	10.76	2.59	2.13	0.26	0.05	4.41	0.20	0.107	0.03	<0.01	2.98
171644		2.89	47.59	18.41	12.34	10.56	4.64	2.47	0.28	0.01	1.45	0.17	0.042	0.03	<0.01	1.68
171645		2.98	48.21	19.28	11.90	9.74	3.83	3.00	0.40	0.01	1.85	0.16	0.091	0.03	0.01	1.49
171646		2.90	44.12	15.12	17.12	11.54	5.95	1.78	0.19	0.02	2.37	0.21	0.043	0.02	<0.01	1.57
171647		3.03	42.44	11.89	20.96	11.00	7.23	1.25	0.11	0.03	2.90	0.24	0.029	0.02	<0.01	1.15
171648		3.16	43.33	14.19	18.39	11.50	6.05	1.58	0.12	0.02	2.63	0.21	0.032	0.02	<0.01	1.26
171649		3.13	43.88	16.19	16.80	11.13	5.20	1.83	0.23	0.02	2.40	0.19	0.031	0.02	<0.01	1.69
171650		0.51	71.05	15.45	1.87	2.18	0.83	5.80	1.63	0.01	0.15	0.04	0.054	0.04	0.05	0.72
171651		2.86	45.45	18.19	12.03	12.48	5.02	2.06	0.34	0.02	1.68	0.17	0.069	0.03	0.01	2.29
171652		3.08	40.24	15.21	21.47	8.20	7.19	1.78	0.40	0.13	2.22	0.20	0.026	0.02	0.01	2.73
171653		2.62	38.38	15.39	22.31	8.75	7.71	1.52	0.27	0.12	2.20	0.22	0.028	0.02	<0.01	2.26
171654		3.32	41.75	16.28	18.51	8.90	8.38	1.64	0.20	0.03	0.98	0.21	0.031	0.02	<0.01	3.01
171655		2.98	42.79	15.57	17.77	9.69	8.03	1.46	0.32	0.02	1.05	0.20	0.030	0.02	<0.01	2.78
171656		3.01	39.18	15.85	20.55	8.76	7.86	1.38	0.24	0.03	1.64	0.23	0.028	0.02	<0.01	3.04
171657		3.05	40.37	12.93	22.13	7.71	10.91	1.01	0.28	0.02	0.81	0.24	0.033	0.02	0.01	3.46
171658		2.97	40.18	15.85	20.25	8.14	9.11	1.34	0.35	0.02	1.06	0.24	0.050	0.02	<0.01	3.69
171659		2.78	39.36	19.15	16.24	7.80	9.38	1.50	0.45	0.01	0.57	0.19	0.044	0.02	<0.01	4.57
171660		3.02	47.20	20.14	9.38	12.11	4.58	2.74	0.59	0.02	0.80	0.14	0.051	0.03	<0.01	2.28
171661		2.95	45.02	15.23	14.30	11.08	8.21	1.36	0.54	0.02	0.76	0.21	0.052	0.02	<0.01	2.74
171662		2.93	46.24	17.52	11.69	9.99	6.67	2.39	0.74	0.01	0.55	0.15	0.026	0.03	0.02	3.70
171663		3.31	35.83	13.07	24.76	7.27	8.66	1.22	0.44	0.13	2.38	0.20	0.069	0.02	0.01	4.62
171664		2.30	33.03	13.95	29.66	6.87	6.38	0.86	0.51	0.18	4.16	0.23	0.039	0.02	<0.01	3.02
171665		3.85	5.55	3.65	71.63	0.60	5.43	0.04	0.04	0.24	11.81	0.32	0.014	0.01	<0.01	-0.70



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Page: 2 - B

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## CERTIFICAT D'ANALYSE VO10065118

Description échantillon	Méthode élément unités L.D.	ME-XRF08	V-XRF10
		Total %	V %
		0.01	0.01
171626		99.16	0.12
171627		99.20	0.12
171628		99.96	0.12
171629		100.10	0.14
171630		99.12	0.19
171631		100.00	0.14
171632		99.35	0.09
171633		99.04	0.09
171634		100.20	0.08
171635		99.15	0.08
171636		99.59	0.08
171637		99.25	0.10
171638		100.00	0.07
171639		99.94	0.10
171640		99.97	0.09
171641		99.68	0.04
171642		99.96	0.08
171643		99.41	0.16
171644		99.66	0.07
171645		99.99	0.07
171646		100.05	0.09
171647		99.25	0.12
171648		99.34	0.10
171649		99.42	0.09
171650		99.87	0.01
171651		99.84	0.07
171652		99.83	0.12
171653		99.18	0.12
171654		99.94	0.06
171655		99.74	0.06
171656		99.81	0.08
171657		99.93	0.05
171658		100.10	0.06
171659		99.29	0.03
171660		100.05	0.05
171661		99.55	0.05
171662		99.72	0.04
171663		99.68	0.15
171664		99.91	0.24
171665		99.64	0.79



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Page: 3 - A

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## CERTIFICAT D'ANALYSE VO10065118

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
171666		3.54	23.14	7.15	48.09	3.74	7.41	0.34	0.09	0.24	7.16	0.28	0.061	0.02	<0.01	1.55
171667		2.73	40.05	20.87	16.93	9.57	4.29	1.82	1.14	0.07	1.95	0.14	0.033	0.03	0.01	3.18
171668		3.03	42.21	20.20	15.02	9.82	5.21	1.76	0.64	0.04	1.41	0.14	0.029	0.02	<0.01	3.27
171669		2.92	43.28	17.59	15.88	7.28	5.37	2.21	1.26	0.07	1.77	0.14	0.056	0.02	0.01	4.89
171670		3.10	44.65	17.81	15.50	10.04	4.43	2.57	0.43	0.01	1.86	0.18	0.165	0.03	<0.01	2.08
171671		3.14	42.42	14.65	19.28	10.21	8.11	1.92	0.33	0.01	2.65	0.22	0.066	0.03	0.01	1.71
171672		2.75	45.06	19.10	12.72	10.66	3.93	2.82	0.50	0.01	1.58	0.14	0.067	0.03	0.01	3.16
171673		2.92	44.46	16.53	15.91	10.79	5.05	2.22	0.40	0.01	2.36	0.19	0.133	0.03	0.01	2.10
171674		2.64	42.11	15.46	18.45	11.27	4.78	1.84	0.27	0.02	2.87	0.19	0.061	0.02	<0.01	2.07
171675		0.11	37.62	15.95	24.00	9.42	6.55	1.61	0.08	0.08	2.95	0.19	0.024	0.02	<0.01	0.82
171678		2.82	44.63	16.37	14.82	12.24	4.57	2.03	0.23	0.01	2.15	0.17	0.056	0.03	<0.01	2.50
171677		2.97	45.43	19.55	12.28	11.08	4.32	2.81	0.49	0.01	1.74	0.15	0.027	0.02	0.01	1.78
171678		3.25	38.73	16.38	22.85	9.46	4.25	2.04	0.41	0.05	4.08	0.20	0.042	0.03	<0.01	1.50
171679		3.08	41.25	18.74	17.08	11.16	3.90	2.20	0.39	0.02	2.95	0.19	0.039	0.03	<0.01	2.18
171680		2.96	43.49	17.16	15.92	10.55	5.20	1.97	0.45	0.01	1.85	0.17	0.054	0.03	<0.01	2.77
171681		3.11	41.22	16.61	18.74	10.29	5.90	1.88	0.33	0.02	2.31	0.20	0.036	0.03	<0.01	2.40
171682		2.44	39.13	14.81	22.87	9.87	5.93	1.56	0.26	0.04	3.47	0.21	0.024	0.02	<0.01	1.59
171683		2.68	32.01	11.82	32.98	7.91	6.90	0.84	0.11	0.08	5.22	0.27	0.021	0.02	<0.01	1.80
171684		3.10	22.89	3.60	49.83	5.26	8.90	0.22	0.02	0.06	8.17	0.33	0.019	0.01	<0.01	-0.46
171685		2.94	18.82	3.85	54.63	4.64	5.98	0.21	0.07	0.05	10.76	0.34	0.016	0.01	0.01	-0.68
171686		2.67	31.62	5.89	35.03	10.39	8.55	0.36	0.05	0.04	5.83	0.26	0.018	0.02	<0.01	2.06
171687		3.28	30.01	6.33	38.40	9.36	7.30	0.35	0.03	0.05	6.67	0.28	0.020	0.02	<0.01	0.60
171688		3.31	29.30	7.04	39.76	8.37	7.21	0.47	0.07	0.04	6.97	0.28	0.021	0.01	<0.01	0.52
171689		2.98	46.00	10.83	22.27	9.45	4.70	1.26	0.12	0.03	3.57	0.19	0.023	0.02	<0.01	1.62
171690		3.35	39.05	10.68	24.36	12.23	7.65	0.74	0.12	0.02	3.45	0.26	0.118	0.02	<0.01	1.30
171691		2.97	40.48	11.25	22.36	12.04	8.05	0.91	0.10	0.02	2.36	0.24	0.023	0.02	<0.01	1.71
171692		3.04	43.03	16.08	17.71	11.04	5.65	1.85	0.44	0.02	2.27	0.20	0.033	0.02	0.01	1.26
171693		3.11	41.34	10.45	22.42	12.08	7.93	1.04	0.19	0.03	3.16	0.25	0.024	0.02	<0.01	0.82
171694		3.10	34.20	9.61	30.69	11.13	7.39	0.60	0.08	0.04	4.89	0.25	0.020	0.02	<0.01	1.15
171695		3.41	35.80	11.23	28.95	9.76	6.96	0.93	0.17	0.04	4.39	0.25	0.112	0.02	<0.01	1.02
171696		2.99	36.61	11.27	26.03	11.10	6.66	1.02	0.25	0.04	4.11	0.23	0.026	0.02	<0.01	1.86
171697		3.22	70.50	14.31	3.99	3.09	0.94	4.87	0.39	<0.01	0.37	0.05	0.080	0.02	0.01	1.50
171698		1.71	57.20	11.78	16.22	4.68	2.28	3.16	0.37	0.02	2.78	0.13	0.072	0.02	0.01	0.86
171699		2.88	42.34	17.68	17.37	10.95	4.47	2.18	0.53	0.03	2.73	0.17	0.026	0.03	0.01	1.31
171700		0.14	28.67	5.43	42.53	7.18	7.62	0.62	0.08	0.02	7.48	0.31	0.023	0.01	<0.01	-0.07
171701		3.21	41.81	16.28	18.88	10.96	4.91	1.62	0.42	0.03	2.89	0.18	0.027	0.03	<0.01	1.08
171702		2.24	38.43	10.33	26.96	10.06	8.23	1.05	0.19	0.05	3.81	0.25	0.021	0.02	<0.01	0.54
171703		3.93	69.00	15.21	4.22	4.51	0.99	4.14	0.57	0.01	0.40	0.06	0.095	0.03	0.02	0.79
171704		3.20	43.69	10.99	18.94	12.87	8.23	0.99	0.26	0.02	2.26	0.23	0.018	0.02	<0.01	1.16
171705		3.06	43.09	13.58	17.85	12.10	6.88	1.36	0.33	0.02	2.33	0.21	0.021	0.02	<0.01	1.54



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Page: 3 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 9-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10065118

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
171666		99.27	0.45
171667		99.67	0.12
171668		99.78	0.07
171669		99.63	0.10
171670		99.76	0.07
171671		99.59	0.10
171672		99.77	0.08
171673		100.20	0.09
171674		99.41	0.11
171675		99.32	0.16
171676		99.81	0.08
171677		99.70	0.07
171678		100.00	0.15
171679		100.10	0.10
171680		99.63	0.07
171681		99.96	0.10
171682		99.58	0.15
171683		99.96	0.23
171684		98.84	0.39
171685		98.70	0.52
171686		100.10	0.27
171687		99.40	0.31
171688		100.10	0.30
171689		100.10	0.16
171690		100.00	0.14
171691		99.56	0.11
171692		99.62	0.10
171693		99.75	0.14
171694		100.05	0.22
171695		99.64	0.18
171696		99.23	0.18
171697		100.15	0.02
171698		99.58	0.12
171699		99.82	0.12
171700		99.92	0.25
171701		99.31	0.13
171702		99.95	0.17
171703		100.05	0.02
171704		99.68	0.11
171705		99.33	0.11



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Page: 4 - A  
Nombre total de pages: 4 (A - B)  
Finalisée date: 9-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10065118

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
171706		3.03	45.39	17.66	13.18	11.63	4.74	2.32	0.43	0.02	1.64	0.16	0.033	0.04	0.01	2.25
171707		2.83	36.01	10.18	29.27	8.84	7.24	1.08	0.16	0.05	4.63	0.26	0.024	0.02	<0.01	1.49
171708		3.10	41.33	12.94	20.10	11.80	7.54	1.13	0.14	0.03	2.49	0.23	0.021	0.03	<0.01	2.34
171709		3.05	42.62	10.35	20.83	10.92	9.20	1.08	0.26	0.04	2.21	0.26	0.024	0.02	<0.01	1.43
171710		3.14	46.28	18.84	12.01	11.62	5.44	2.28	0.65	0.02	1.13	0.16	0.034	0.04	0.02	1.82
171711		3.08	41.90	15.00	18.95	10.39	6.71	1.48	0.33	0.03	2.27	0.21	0.032	0.03	0.01	2.21
171712		2.98	49.69	12.37	17.89	7.30	5.93	2.27	0.20	0.03	2.16	0.19	0.025	0.02	<0.01	1.12
171713		2.94	57.60	14.40	10.30	7.52	3.89	3.49	0.31	0.02	1.12	0.12	0.030	0.04	0.01	1.10
171714		3.17	40.50	13.93	22.58	9.85	7.27	1.43	0.38	0.04	2.82	0.23	0.030	0.03	0.01	0.89
171715		2.81	44.71	15.98	15.22	11.68	6.28	1.83	0.38	0.02	1.71	0.19	0.027	0.03	0.01	1.50



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Page: 4 - B

Nombre total de pages: 4 (A - B)

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Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10065118

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total	V
		%	%
171706		99.50	0.08
171707		99.26	0.19
171708		100.15	0.12
171709		99.24	0.11
171710		100.15	0.07
171711		99.55	0.11
171712		99.19	0.11
171713		99.94	0.06
171714		99.98	0.14
171715		99.57	0.09



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Page: 1  
Finalisée date: 10-JUIN-2010  
Compte: PET

## CERTIFICAT VO10067852

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 132 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-MAI-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
SUITE 1600  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





# ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

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Page: 2 - A  
Nombre total de pages: 5 (A - B)  
Finalisée date: 10-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10067852

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
171716		3.11	40.78	11.60	22.18	11.66	8.17	0.93	0.17	0.04	2.61	0.24	0.020	0.02	<0.01	1.24
171717		3.49	36.00	9.92	26.82	10.44	8.02	0.87	0.16	0.07	3.90	0.26	0.019	0.02	<0.01	1.09
171718		2.77	40.02	18.36	20.29	10.45	3.50	2.17	0.34	0.05	3.58	0.17	0.031	0.03	0.01	0.87
171719		3.03	40.74	14.35	22.09	9.44	5.63	1.92	0.37	0.05	3.31	0.20	0.028	0.02	<0.01	1.49
171720		3.54	39.19	16.71	22.16	10.07	3.92	1.97	0.35	0.05	4.00	0.19	0.025	0.03	<0.01	0.57
171721		2.92	43.64	17.56	15.28	11.58	4.75	2.09	0.46	0.02	2.29	0.18	0.045	0.03	0.01	1.65
171722		2.79	56.27	17.04	8.81	7.85	3.16	3.45	0.40	0.01	0.77	0.11	0.056	0.03	0.01	1.68
171723		3.11	42.09	16.41	18.67	10.21	5.29	2.08	0.48	0.02	2.64	0.19	0.037	0.03	0.01	1.62
171724		3.06	43.00	16.58	16.70	11.58	5.15	1.98	0.37	0.02	2.03	0.18	0.069	0.03	0.01	2.36
171725		0.14	16.54	5.82	56.22	3.40	4.74	0.47	0.08	0.04	11.41	0.30	0.024	0.01	<0.01	0.39
171726		2.84	46.00	19.88	12.63	9.73	4.08	2.99	0.53	0.02	1.43	0.14	0.036	0.04	0.01	2.14
171727		2.13	63.47	15.27	6.27	6.48	1.68	3.62	0.25	0.01	0.65	0.06	0.076	0.03	<0.01	2.29
171728		2.71	43.49	19.79	13.95	9.97	4.28	2.68	0.56	0.02	1.78	0.14	0.031	0.03	0.02	3.40
171729		3.15	43.26	20.31	14.71	9.24	3.95	2.79	0.60	0.03	1.97	0.16	0.038	0.04	0.01	2.59
171730		3.12	36.47	11.74	28.07	8.88	6.64	1.10	0.16	0.08	4.17	0.27	0.032	0.02	<0.01	1.45
171731		3.29	38.37	13.16	24.09	9.05	7.39	1.33	0.12	0.05	3.17	0.25	0.035	0.01	<0.01	2.67
171732		2.85	39.28	13.95	24.01	7.46	7.19	1.80	0.16	0.02	2.82	0.24	0.040	0.02	<0.01	2.21
171733		2.95	46.45	18.68	12.91	10.83	4.31	2.63	0.52	0.01	1.72	0.16	0.066	0.03	0.01	1.46
171734		2.96	44.80	17.04	15.39	11.08	5.49	2.24	0.46	0.01	1.65	0.19	0.058	0.03	0.01	1.60
171735		3.07	43.46	14.36	19.17	10.31	6.40	1.86	0.34	0.01	2.53	0.23	0.046	0.03	0.01	1.33
171736		1.79	41.64	13.94	21.62	9.79	6.41	1.64	0.33	0.02	2.95	0.24	0.036	0.02	<0.01	1.05
171737		2.92	43.24	16.23	16.68	10.51	5.25	2.03	0.51	0.04	2.23	0.19	0.025	0.03	0.01	2.21
171738		2.89	43.56	17.42	16.02	9.53	4.70	2.71	0.46	0.03	2.14	0.17	0.035	0.02	0.01	2.98
171739		3.37	40.72	17.27	19.60	9.57	4.33	2.05	0.63	0.06	3.05	0.19	0.036	0.03	0.01	1.86
171740		2.83	44.10	18.41	14.28	9.81	5.18	2.51	0.70	0.02	1.60	0.17	0.030	0.03	0.02	2.87
171741		2.78	43.62	14.62	17.13	11.11	7.08	1.74	0.42	0.02	2.12	0.20	0.022	0.02	0.01	2.02
171742		3.20	33.87	9.36	32.70	8.36	7.77	0.98	0.22	0.06	4.90	0.27	0.019	0.01	<0.01	0.37
171743		3.37	34.36	10.48	31.12	8.07	7.72	0.99	0.18	0.07	4.66	0.26	0.018	0.02	<0.01	0.92
171744		2.40	26.97	6.86	43.30	5.36	8.13	0.56	0.08	0.10	6.91	0.30	0.019	0.01	<0.01	0.33
171745		3.22	43.16	16.10	17.80	10.88	5.26	1.99	0.32	0.02	2.21	0.19	0.032	0.02	<0.01	1.79
171746		2.89	54.00	16.68	11.94	7.24	3.00	3.53	0.45	0.02	1.50	0.13	0.044	0.03	0.01	1.56
171747		2.83	49.00	12.06	18.72	7.64	6.11	2.28	0.29	0.02	2.33	0.23	0.046	0.02	0.01	1.36
171748		3.06	44.62	14.90	16.69	9.64	6.12	2.19	0.47	0.02	1.86	0.20	0.155	0.02	0.01	2.74
171749		3.15	42.37	13.46	20.93	9.60	6.96	1.67	0.27	0.02	2.31	0.24	0.067	0.02	<0.01	1.28
171750		0.55	71.00	15.32	1.87	2.18	0.82	5.75	1.63	<0.01	0.14	0.04	0.053	0.04	0.05	0.43
1011901		2.97	40.76	12.19	23.59	9.63	7.23	1.39	0.18	0.02	2.96	0.26	0.054	0.02	<0.01	1.13
1011902		2.99	44.29	16.50	17.61	9.22	5.74	2.43	0.23	0.01	1.87	0.20	0.055	0.02	<0.01	1.60
1011903		3.05	43.19	17.06	17.28	10.60	5.68	2.13	0.35	0.02	1.93	0.20	0.066	0.03	0.01	1.52
1011904		3.66	41.62	13.44	21.54	9.52	6.39	1.66	0.23	0.02	2.82	0.24	0.061	0.02	<0.01	1.46
1011905		3.02	67.13	15.10	5.01	4.58	1.00	4.34	0.28	0.01	0.46	0.05	0.084	0.02	0.01	1.54



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Page: 2 - B  
Nombre total de pages: 5 (A - B)  
Finalisée date: 10-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10067852

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
171716		99.67	0.14
171717		99.58	0.19
171718		99.87	0.15
171719		99.64	0.15
171720		99.23	0.16
171721		99.59	0.09
171722		99.84	0.04
171723		99.78	0.12
171724		100.05	0.10
171725		99.45	0.35
171726		99.66	0.07
171727		100.15	0.03
171728		100.15	0.08
171729		99.69	0.09
171730		99.08	0.20
171731		99.69	0.13
171732		99.20	0.12
171733		99.77	0.08
171734		100.05	0.08
171735		100.10	0.10
171736		99.69	0.13
171737		99.17	0.11
171738		99.79	0.10
171739		99.40	0.14
171740		99.72	0.08
171741		100.15	0.10
171742		98.89	0.24
171743		98.86	0.22
171744		98.93	0.33
171745		99.78	0.10
171746		100.10	0.07
171747		100.10	0.10
171748		99.64	0.08
171749		99.21	0.10
171750		99.33	0.02
1011901		99.42	0.12
1011902		99.79	0.08
1011903		100.05	0.09
1011904		99.01	0.12
1011905		99.61	0.02



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Page: 3 - A

Nombre total de pages: 5 (A - B)

Finalisée date: 10-JUIN-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10067852

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
1011906		3.09	44.96	16.28	16.13	10.29	5.23	2.27	0.39	0.01	1.82	0.20	0.075	0.03	0.01	1.84
1011907		3.29	42.03	14.17	19.97	10.74	6.26	1.57	0.24	0.02	2.56	0.22	0.045	0.02	<0.01	1.58
1011908		3.30	43.50	15.52	18.47	10.42	6.43	1.89	0.22	0.02	1.85	0.21	0.043	0.02	<0.01	1.37
1011909		3.28	39.00	15.06	24.33	9.65	5.41	1.72	0.16	0.04	3.63	0.22	0.037	0.02	<0.01	0.91
1011910		3.41	29.38	13.18	37.40	6.85	4.24	1.31	0.14	0.08	6.67	0.23	0.032	0.02	<0.01	-0.18
1011911		3.24	39.48	17.18	23.01	8.89	4.96	1.94	0.17	0.05	3.27	0.19	0.029	0.02	<0.01	0.33
1011912		3.19	38.00	11.80	29.04	7.31	7.74	1.29	0.15	0.04	3.73	0.30	0.114	0.02	<0.01	0.77
1011913		2.20	30.37	9.22	38.86	6.23	6.48	1.00	0.17	0.08	6.58	0.28	0.041	0.02	<0.01	0.21
1011914		2.09	39.90	18.12	20.87	9.87	3.13	2.29	0.31	0.03	3.81	0.20	0.363	0.03	<0.01	1.17
1011915		1.98	70.00	14.49	4.79	3.66	0.95	4.61	0.30	0.01	0.44	0.06	0.081	0.03	0.02	0.72
1011916		3.71	27.99	6.75	42.31	5.64	7.65	0.79	0.11	0.06	6.55	0.29	0.032	0.02	<0.01	0.44
1011917		3.26	34.82	12.20	28.15	8.76	6.25	1.80	0.14	0.04	4.20	0.23	0.028	0.02	<0.01	2.51
1011918		3.65	24.92	3.27	47.74	5.83	9.49	0.12	0.02	0.06	7.34	0.34	0.017	0.01	<0.01	0.24
1011919		3.37	34.67	7.99	32.98	7.72	7.44	0.89	0.11	0.05	4.86	0.26	0.023	0.01	<0.01	2.08
1011920		3.56	34.61	12.01	30.99	8.34	5.13	1.27	0.25	0.06	5.48	0.24	0.050	0.02	<0.01	1.54
1011921		1.76	41.22	13.21	23.79	8.09	4.97	2.38	0.31	0.04	3.85	0.21	0.022	0.02	<0.01	1.64
1011922		2.31	32.61	10.81	38.04	4.08	3.52	1.83	0.19	0.09	7.19	0.22	0.022	0.02	<0.01	0.61
1011923		3.12	43.88	17.12	16.41	10.34	4.61	2.47	0.37	0.02	2.31	0.18	0.038	0.03	0.01	1.63
1011924		3.18	45.10	18.02	13.56	12.49	4.23	2.28	0.31	0.02	1.82	0.17	0.078	0.03	0.01	1.99
1011925		2.90	44.10	16.20	16.55	10.62	4.98	2.41	0.24	0.02	2.07	0.18	0.040	0.02	<0.01	2.14
1011926		2.81	43.22	16.76	18.53	10.06	5.52	2.44	0.29	0.02	2.00	0.19	0.028	0.03	<0.01	2.97
1011927		3.13	45.00	18.77	13.33	11.50	4.56	2.38	0.38	0.01	1.71	0.17	0.027	0.03	0.01	2.32
1011928		3.11	43.39	14.14	20.05	8.42	6.87	1.79	0.29	0.01	2.21	0.25	0.032	0.02	<0.01	1.90
1011929		2.09	43.90	11.85	21.35	7.06	9.54	1.33	0.20	0.01	1.70	0.30	0.027	0.02	<0.01	2.07
1011930		2.71	44.57	14.36	19.48	8.49	7.06	1.66	0.20	0.01	1.78	0.24	0.032	0.02	<0.01	1.60
1011931		2.48	40.55	14.36	24.33	7.53	6.62	1.59	0.16	0.02	3.13	0.24	0.020	0.02	<0.01	1.47
1011932		3.03	43.19	14.42	19.31	9.83	7.04	1.67	0.26	0.02	2.11	0.23	0.029	0.03	<0.01	1.99
1011933		3.20	42.13	12.04	22.30	9.70	7.42	1.19	0.20	0.02	2.68	0.26	0.046	0.02	<0.01	1.66
1011934		3.35	42.83	13.79	20.36	9.72	6.25	1.52	0.26	0.01	2.29	0.23	0.055	0.02	<0.01	1.84
1011935		0.12	37.45	16.01	23.95	9.45	6.60	1.60	0.08	0.07	2.98	0.18	0.025	0.02	<0.01	0.75
1011936		3.28	44.83	12.92	11.67	9.60	8.68	3.16	0.19	0.03	1.73	0.13	0.293	0.07	0.01	5.15
1011937		3.41	30.28	8.10	36.07	8.17	7.57	0.52	0.10	0.04	5.30	0.26	0.017	0.08	<0.01	3.12
1011938		3.22	37.92	11.98	24.56	10.12	6.09	1.20	0.27	0.03	3.52	0.21	0.019	0.02	<0.01	2.94
1011939		3.24	40.60	14.94	20.72	10.99	5.22	1.80	0.44	0.03	3.11	0.19	0.018	0.03	0.01	1.51
1011940		3.43	39.89	16.04	20.43	10.86	4.46	1.88	0.46	0.03	3.16	0.17	0.018	0.03	0.01	1.65
1011941		3.55	32.64	10.59	33.64	9.54	5.85	0.85	0.19	0.05	5.55	0.24	0.017	0.03	<0.01	0.88
1011942		2.97	43.90	12.04	20.27	9.34	6.94	2.27	0.33	0.03	3.05	0.18	0.138	0.07	0.01	1.67
1011943		3.59	35.77	13.42	26.68	10.42	6.10	1.36	0.29	0.05	4.21	0.22	0.041	0.05	<0.01	1.51
1011944		3.35	42.68	14.42	18.15	11.99	6.45	1.46	0.31	0.03	2.19	0.19	0.020	0.03	<0.01	1.87
1011945		3.25	33.84	10.20	32.62	8.70	6.10	0.86	0.15	0.06	5.12	0.23	0.018	0.02	<0.01	0.99



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Page: 3 - B  
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Projet: IT

## CERTIFICAT D'ANALYSE VO10067852

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1011906		99.53	0.08
1011907		99.40	0.12
1011908		99.97	0.09
1011909		100.20	0.16
1011910		99.35	0.31
1011911		99.52	0.15
1011912		100.10	0.18
1011913		99.54	0.27
1011914		100.10	0.13
1011915		100.15	0.02
1011918		98.62	0.31
1011917		99.15	0.19
1011918		99.39	0.36
1011919		99.08	0.24
1011920		100.20	0.23
1011921		99.76	0.18
1011922		99.22	0.36
1011923		99.41	0.11
1011924		100.10	0.09
1011925		99.58	0.10
1011926		100.05	0.09
1011927		100.20	0.07
1011928		99.38	0.10
1011929		99.36	0.08
1011930		99.50	0.09
1011931		100.05	0.15
1011932		100.15	0.10
1011933		99.66	0.11
1011934		99.18	0.10
1011935		99.18	0.16
1011936		98.46	0.07
1011937		99.60	0.28
1011938		98.88	0.18
1011939		99.60	0.16
1011940		99.09	0.17
1011941		100.05	0.28
1011942		100.25	0.15
1011943		100.10	0.22
1011944		99.79	0.13
1011945		98.90	0.29



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Page: 4 - A

Nombre total de pages: 5 (A - B)

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## CERTIFICAT D'ANALYSE VO10067852

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
1011946		3.24	40.22	12.02	20.21	10.01	7.90	1.68	0.29	0.05	2.85	0.18	0.122	0.07	<0.01	3.48
1011947		3.42	45.33	15.20	14.42	12.24	7.87	1.49	0.30	0.03	1.07	0.20	0.020	0.03	0.01	1.84
1011948		3.02	46.00	19.45	11.22	11.55	5.35	2.41	0.45	0.02	1.01	0.15	0.019	0.03	0.01	2.34
1011952		0.14	28.65	5.45	42.45	7.19	7.63	0.61	0.08	0.02	7.43	0.31	0.024	0.01	<0.01	-0.03
1011953		3.25	37.79	13.16	25.02	9.73	5.75	1.49	0.22	0.02	4.15	0.23	0.026	0.02	<0.01	1.56
1011954		2.63	40.70	16.35	20.04	10.54	4.90	1.75	0.28	0.01	2.51	0.20	0.027	0.02	<0.01	2.31
1011955		3.54	35.78	8.48	28.39	10.33	8.12	0.65	0.07	0.03	4.60	0.27	0.017	<0.01	0.03	2.03
1011956		3.43	39.00	6.96	25.52	12.20	9.18	0.63	0.07	0.02	3.36	0.29	0.016	0.01	<0.01	2.87
1011957		2.69	39.00	11.71	25.41	10.43	7.34	1.33	0.14	0.03	3.61	0.25	0.020	0.02	<0.01	0.87
1011958		4.13	44.71	12.40	19.45	10.89	6.33	2.12	0.16	0.02	2.35	0.27	0.217	0.02	<0.01	1.01
1011959		3.50	41.46	6.11	25.65	11.69	10.14	0.67	0.05	0.03	3.23	0.30	0.022	0.01	<0.01	0.34
1011960		3.16	37.41	9.78	28.20	10.56	7.27	0.98	0.08	0.04	4.47	0.26	0.020	0.02	<0.01	0.46
1011961		2.56	34.62	8.23	33.16	10.06	8.64	0.53	0.05	0.04	5.32	0.30	0.016	0.01	<0.01	0.16
1011962		2.68	47.00	16.59	13.94	9.78	4.77	3.08	0.39	0.02	1.73	0.16	0.056	0.03	0.01	2.39
1011963		3.07	41.51	14.87	21.49	9.26	5.12	2.38	0.30	0.03	3.16	0.20	0.041	0.02	<0.01	1.48
1011964		2.75	45.86	13.96	19.78	7.57	4.39	2.49	0.29	0.04	3.13	0.19	0.034	0.02	<0.01	1.75
1011965		3.18	51.00	14.70	14.08	9.23	4.98	2.62	0.40	0.02	1.58	0.17	0.056	0.02	0.01	1.32
1011966		2.96	42.21	14.39	21.67	9.22	6.10	1.95	0.30	0.03	2.98	0.21	0.048	0.02	<0.01	0.72
1011967		2.13	42.27	16.13	18.57	10.89	5.37	2.09	0.37	0.03	2.77	0.20	0.038	0.03	0.01	1.19
1011968		1.99	31.29	11.54	35.38	7.76	5.00	1.29	0.20	0.06	6.69	0.24	0.031	0.02	<0.01	0.02
1011969		3.00	45.71	16.62	14.81	10.59	5.16	2.33	0.42	0.02	1.78	0.18	0.039	0.02	0.01	1.83
1011970		2.66	44.35	14.75	18.43	10.01	5.82	2.36	0.33	0.02	2.37	0.24	0.152	0.03	0.01	1.17
1011971		3.11	41.25	15.57	20.37	9.77	6.22	1.88	0.41	0.03	2.69	0.20	0.022	0.02	0.01	1.32
1011972		3.55	34.69	12.21	30.15	8.67	6.28	1.27	0.20	0.06	4.89	0.24	0.022	0.02	<0.01	0.39
1011973		2.97	43.77	16.48	16.84	10.73	6.05	2.00	0.27	0.03	1.97	0.18	0.021	0.02	<0.01	1.10
1011974		2.90	46.19	20.89	11.18	11.11	3.73	2.84	0.42	0.02	1.42	0.12	0.024	0.03	0.01	2.09
1011975		0.14	16.50	5.81	56.11	3.41	4.75	0.47	0.08	0.04	11.40	0.30	0.024	0.01	<0.01	0.35
1011976		2.37	43.15	19.63	14.95	9.30	4.10	2.92	0.40	0.04	2.20	0.16	0.028	0.03	<0.01	3.04
1011977		3.15	39.49	17.66	20.12	9.59	3.82	2.26	0.48	0.05	3.36	0.19	0.033	0.03	0.01	2.02
1011978		2.93	38.38	12.53	25.63	8.22	6.94	1.47	0.26	0.05	3.30	0.25	0.025	0.02	<0.01	1.99
1011979		2.96	57.10	15.10	10.68	6.29	2.73	3.49	0.40	0.02	1.36	0.11	0.054	0.02	0.01	1.62
1011980		3.06	44.00	16.78	13.79	9.51	3.92	3.13	0.54	0.02	1.85	0.15	0.029	0.02	0.01	6.34
1011981		2.64	57.34	15.55	8.22	6.17	2.50	4.44	0.53	0.02	1.01	0.10	0.040	0.02	0.01	4.17
1011982		2.83	43.51	17.31	15.44	9.15	5.46	2.46	0.40	0.03	1.99	0.18	0.030	0.03	<0.01	3.44
1011983		3.19	18.83	4.29	53.95	2.87	8.28	0.07	0.02	0.07	8.58	0.32	0.021	0.01	<0.01	1.28
1011984		3.40	20.69	3.05	53.11	3.81	9.61	0.06	0.01	0.05	8.45	0.29	0.018	0.02	<0.01	0.95
1011985		3.45	19.93	4.60	52.08	3.08	8.62	0.10	0.03	0.05	8.65	0.33	0.017	0.01	<0.01	1.01
1011986		3.89	17.18	2.76	57.70	3.00	8.82	0.06	0.01	0.06	9.41	0.35	0.016	0.01	<0.01	0.34
1011987		3.72	21.22	3.24	52.68	5.13	8.51	0.10	0.02	0.07	8.67	0.34	0.016	0.01	<0.01	0.05
1011988		3.55	26.81	4.01	44.91	6.27	9.17	0.16	0.04	0.06	6.61	0.31	0.018	0.01	<0.01	0.65



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Page: 4 - B  
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Projet: IT

## CERTIFICAT D'ANALYSE VO10067852

Description échantillon	Méthode élément unités L.D.	ME-XRF08	V-XRF10
		Total %	V %
1011946		99.08	0.16
1011947		100.05	0.07
1011948		100.00	0.07
1011952		99.84	0.25
1011953		99.17	0.16
1011954		99.65	0.10
1011955		98.78	0.19
1011956		99.94	0.16
1011957		100.15	0.17
1011958		99.95	0.08
1011959		99.71	0.17
1011960		99.54	0.21
1011961		99.13	0.26
1011962		99.94	0.07
1011963		99.89	0.14
1011964		99.50	0.13
1011965		100.15	0.08
1011966		99.86	0.13
1011967		99.95	0.13
1011968		99.52	0.30
1011969		99.52	0.08
1011970		100.05	0.09
1011971		99.76	0.13
1011972		99.10	0.23
1011973		99.47	0.10
1011974		100.05	0.08
1011975		99.26	0.36
1011976		99.95	0.10
1011977		99.10	0.15
1011978		99.06	0.15
1011979		98.99	0.07
1011980		100.10	0.09
1011981		100.10	0.05
1011982		99.43	0.09
1011983		98.58	0.39
1011984		100.10	0.34
1011985		98.51	0.37
1011986		99.71	0.41
1011987		100.05	0.42
1011988		99.02	0.32



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Page: 5 - A  
Nombre total de pages: 5 (A - B)  
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Projet: IT

## CERTIFICAT D'ANALYSE VO10067852

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
1011989		3.57	30.57	4.88	41.62	5.73	8.07	0.56	0.09	0.05	6.22	0.30	0.019	0.01	<0.01	0.63
1011990		3.01	22.01	3.55	51.10	5.20	7.57	0.10	0.04	0.07	8.94	0.33	0.016	0.01	<0.01	0.23
1011991		3.35	15.13	4.67	59.44	2.47	5.01	0.07	0.04	0.08	11.15	0.33	0.018	0.01	<0.01	0.38
1011992		3.79	9.50	3.91	67.23	1.44	4.97	0.06	0.02	0.13	12.85	0.34	0.015	0.01	<0.01	-0.76
1011993		2.10	8.54	3.74	68.44	1.89	4.13	0.05	0.02	0.17	13.03	0.33	0.014	0.01	<0.01	-0.72
1011994		2.00	8.55	4.46	67.19	1.51	3.93	0.04	0.02	0.17	12.66	0.37	0.017	0.01	<0.01	-0.45
1011995		1.78	17.98	6.50	51.33	4.70	5.02	0.11	0.04	0.16	10.36	0.34	0.023	0.02	<0.01	1.99
1011998		3.20	43.32	13.98	12.07	16.06	8.53	0.82	0.07	0.04	0.96	0.13	0.206	0.11	0.01	3.56
1011997		3.14	44.42	20.11	11.33	12.90	3.93	2.93	0.08	0.02	1.04	0.11	0.028	0.07	<0.01	2.74
1011998		2.97	44.00	17.60	13.66	12.24	5.55	2.22	0.12	0.02	1.51	0.17	0.026	0.05	<0.01	2.64
1011999		2.96	42.23	15.76	17.82	10.66	5.75	1.40	0.16	0.02	2.35	0.20	0.021	0.04	<0.01	3.09
1012000		0.60	70.55	15.25	1.87	2.22	0.81	5.78	1.59	<0.01	0.13	0.04	0.052	0.04	0.05	0.64



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Page: 5 - B  
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Projet: IT

## CERTIFICAT D'ANALYSE VO10067852

Description échantillon	Méthode élément unités L.D.	ME-XRF08	V-XRF10
		Total %	V %
1011989		98.75	0.30
1011990		99.16	0.41
1011991		98.79	0.49
1011992		99.72	0.59
1011993		99.65	0.67
1011994		98.48	0.67
1011995		98.56	0.52
1011996		99.86	0.06
1011997		99.71	0.06
1011998		100.05	0.09
1011999		99.50	0.12
1012000		99.03	0.01





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Page: 1  
Finalisée date: 14-JUIN-2010  
Compte: PET

## CERTIFICAT VO10071563

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 78 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3-JUIN-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

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## CERTIFICAT D'ANALYSE VO10071563

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément unités L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SO %	BaO %	LOI %
1049501		3.29	39.86	14.06	21.20	9.25	6.84	1.52	0.20	0.04	2.49	0.21	0.020	0.03	<0.01	2.94
1049502		3.15	44.18	15.72	15.74	11.03	6.25	1.59	0.19	0.02	1.69	0.19	0.027	0.04	<0.01	2.94
1049503		3.12	45.18	16.51	15.64	11.28	4.89	2.21	0.28	0.01	2.12	0.19	0.095	0.02	<0.01	1.06
1049504		3.12	45.00	16.58	15.54	11.80	5.09	2.20	0.28	0.01	2.09	0.18	0.044	0.03	<0.01	1.09
1049505		2.99	46.74	20.03	11.33	11.33	3.59	2.74	0.54	0.01	1.54	0.14	0.167	0.03	0.01	1.90
1049506		3.01	45.56	18.80	13.33	10.53	4.03	2.60	0.31	0.01	2.00	0.16	0.076	0.03	<0.01	2.14
1049507		2.73	43.66	16.79	13.84	11.69	4.39	2.40	0.47	0.01	1.37	0.16	0.067	0.02	0.01	4.08
1049508		2.64	35.34	8.19	33.12	7.20	9.55	0.72	0.14	0.03	3.97	0.31	0.076	0.02	<0.01	1.32
1049509		3.21	34.92	9.39	32.33	7.60	8.45	0.71	0.12	0.04	4.52	0.31	0.030	0.01	<0.01	1.24
1049510		2.98	30.58	6.46	39.88	4.63	11.26	0.31	0.08	0.03	3.86	0.26	0.042	0.01	<0.01	2.47
1049511		3.11	23.02	3.14	51.89	4.69	8.45	0.10	0.02	0.05	8.20	0.31	0.020	0.01	<0.01	0.30
1049512		3.01	29.12	6.11	40.14	5.98	9.36	0.27	0.05	0.03	5.88	0.30	0.025	0.01	<0.01	1.64
1049513		2.93	30.94	6.06	37.93	6.85	9.64	0.28	0.03	0.03	5.70	0.30	0.020	0.01	<0.01	1.56
1049514		3.22	30.99	7.73	36.88	6.84	8.70	0.55	0.08	0.03	5.55	0.28	0.026	0.01	<0.01	1.30
1049515		3.39	31.16	9.25	35.75	6.76	9.05	0.75	0.11	0.03	5.18	0.28	0.026	0.02	<0.01	1.63
1049516		3.24	36.00	10.13	29.09	8.38	9.41	0.72	0.10	0.02	3.65	0.28	0.023	0.02	<0.01	1.97
1049517		3.41	26.78	5.26	43.38	5.28	10.00	0.34	0.03	0.04	6.46	0.33	0.019	0.01	<0.01	1.24
1049518		4.05	23.59	5.48	48.35	5.34	7.50	0.34	0.05	0.04	7.76	0.32	0.022	0.01	<0.01	0.28
1049519		3.83	11.56	4.19	63.92	1.99	5.60	0.11	0.02	0.06	11.91	0.33	0.018	0.01	<0.01	-0.65
1049520		2.99	12.63	3.17	63.75	2.43	5.94	0.10	0.02	0.05	12.12	0.34	0.016	0.01	<0.01	-0.84
1049521		1.66	11.14	3.01	65.15	2.52	4.89	0.08	0.02	0.04	13.58	0.35	0.018	0.02	<0.01	-1.11
1049522		2.57	71.21	13.56	5.13	2.53	1.05	4.29	0.27	<0.01	0.31	0.05	0.059	0.02	<0.01	1.41
1049523		2.98	63.56	13.89	8.49	4.64	1.91	3.90	0.46	0.01	1.18	0.10	0.110	0.02	0.01	1.06
1049524		2.63	63.65	15.42	6.71	5.36	1.90	4.04	0.56	0.01	0.80	0.10	0.178	0.03	0.01	1.12
1049525		0.12	37.48	15.95	23.80	9.42	6.55	1.61	0.08	0.07	2.95	0.19	0.025	0.01	<0.01	0.82
1049526		2.73	64.94	15.39	6.27	5.07	1.69	4.16	0.60	0.01	0.70	0.09	0.160	0.03	0.02	1.08
1049527		1.40	68.31	15.26	4.33	4.12	1.00	4.60	0.49	0.01	0.39	0.06	0.094	0.03	0.02	0.99
1049528		3.45	32.29	7.29	35.34	8.95	7.78	0.62	0.08	0.04	5.82	0.29	0.020	0.02	<0.01	0.70
1049529		3.29	27.23	7.68	41.26	7.96	6.19	0.47	0.07	0.04	7.81	0.29	0.017	0.02	<0.01	0.08
1049530		3.35	33.02	10.25	33.64	8.88	6.19	0.95	0.23	0.03	5.71	0.25	0.024	0.02	<0.01	0.37
1049531		2.87	37.21	8.82	28.83	9.77	7.99	0.91	0.20	0.02	4.77	0.27	0.020	0.02	<0.01	1.27
1049532		2.74	36.66	7.11	29.16	10.34	8.99	0.49	0.09	0.02	4.89	0.28	0.020	0.01	<0.01	1.76
1049533		3.22	42.45	13.24	20.08	11.18	6.04	1.56	0.26	0.01	2.86	0.23	0.080	0.02	<0.01	1.30
1049534		3.84	30.44	3.96	40.54	8.95	8.91	0.31	0.03	0.03	6.95	0.33	0.042	0.02	<0.01	-0.36
1049535		3.54	28.94	8.02	39.39	8.09	6.11	0.78	0.15	0.04	7.42	0.27	0.025	0.02	<0.01	-0.19
1049536		3.29	37.81	15.03	25.71	9.25	4.40	1.77	0.32	0.03	4.38	0.20	0.036	0.02	<0.01	1.22
1049537		3.04	46.00	19.62	12.87	10.44	3.76	2.83	0.69	0.01	1.84	0.15	0.064	0.03	0.02	1.76
1049538		3.03	33.64	10.30	31.11	9.06	6.60	0.83	0.15	0.04	5.87	0.27	0.026	0.02	<0.01	1.26
1049539		3.18	44.30	15.44	16.01	10.61	5.44	2.35	0.36	0.02	2.26	0.19	0.025	0.02	0.01	2.44
1049540		2.67	45.59	20.43	11.76	9.06	3.54	3.65	0.39	0.03	1.42	0.12	0.027	0.03	<0.01	3.35



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Page: 2 - B  
Nombre total de pages: 3 (A - B)  
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## CERTIFICAT D'ANALYSE VO10071563

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1049501		98.66	0.14
1049502		99.61	0.09
1049503		99.48	0.09
1049504		99.93	0.09
1049505		100.10	0.06
1049506		99.57	0.07
1049507		98.95	0.06
1049508		99.98	0.16
1049509		99.67	0.19
1049510		99.88	0.18
1049511		100.20	0.38
1049512		98.91	0.27
1049513		99.35	0.26
1049514		98.96	0.25
1049515		100.00	0.23
1049516		99.79	0.18
1049517		99.17	0.30
1049518		99.08	0.37
1049519		99.06	0.56
1049520		99.72	0.53
1049521		99.69	0.48
1049522		99.90	0.02
1049523		99.34	0.04
1049524		99.88	0.03
1049525		98.96	0.16
1049526		100.20	0.02
1049527		99.70	0.02
1049528		99.23	0.23
1049529		99.10	0.31
1049530		99.57	0.22
1049531		100.10	0.20
1049532		99.82	0.20
1049533		99.31	0.10
1049534		100.15	0.26
1049535		99.06	0.29
1049536		100.20	0.18
1049537		100.10	0.07
1049538		99.16	0.23
1049539		99.47	0.09
1049540		99.40	0.08



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Page: 3 - A

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Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SO %	BaO %	LOI %
1049541		2.73	38.13	14.25	22.88	9.06	6.85	1.40	0.27	0.05	3.45	0.28	0.033	0.02	<0.01	3.12
1049542		2.26	39.70	14.75	22.21	7.50	7.90	1.60	0.35	0.03	2.54	0.24	0.031	0.02	<0.01	3.16
1049543		2.49	23.55	6.66	45.15	4.00	8.64	0.14	0.03	0.04	6.43	0.28	0.029	0.01	<0.01	3.65
1049544		2.76	10.85	2.87	65.53	2.49	5.24	0.06	0.02	0.06	12.81	0.35	0.015	0.01	<0.01	-0.43
1049545		2.42	36.21	12.10	27.46	6.58	9.00	1.35	0.12	0.02	2.84	0.23	0.034	0.02	<0.01	3.09
1049546		2.58	38.70	10.42	25.46	7.59	8.20	1.74	0.16	0.03	3.82	0.22	0.036	0.02	<0.01	2.61
1049547		2.14	29.05	4.62	40.74	5.70	11.65	0.17	0.03	0.04	5.58	0.28	0.017	0.01	<0.01	1.60
1049548		3.58	27.41	3.89	46.48	5.03	8.48	0.50	0.04	0.05	7.59	0.31	0.017	0.01	<0.01	0.26
1049549		2.97	35.27	5.46	38.51	4.41	6.75	1.33	0.07	0.04	6.37	0.25	0.021	0.01	<0.01	0.47
1049550		0.11	28.51	5.44	42.37	7.18	7.62	0.62	0.08	0.02	7.45	0.31	0.023	0.01	<0.01	-0.02
1049551		3.41	28.09	3.78	43.10	6.48	9.74	0.15	0.03	0.05	6.39	0.31	0.018	0.01	<0.01	0.89
1049552		3.72	24.85	3.05	47.71	6.85	9.05	0.10	0.02	0.06	7.74	0.32	0.016	0.01	<0.01	0.32
1049553		2.10	32.28	10.18	34.55	7.33	6.02	1.15	0.09	0.04	5.29	0.23	0.027	0.02	<0.01	2.83
1049554		2.60	18.02	5.61	54.06	4.17	4.20	0.48	0.05	0.12	10.55	0.30	0.032	0.01	<0.01	1.19
1049555		2.87	54.81	14.25	13.60	6.29	3.26	3.65	0.16	0.02	1.74	0.12	0.028	0.02	<0.01	2.32
1049556		2.92	74.37	13.57	2.27	2.23	0.53	5.58	0.25	<0.01	0.16	0.03	0.042	0.01	<0.01	1.05
1049557		2.54	58.13	16.44	8.89	6.64	2.53	3.84	0.47	0.01	0.79	0.09	0.036	0.02	0.01	1.74
1049558		3.10	48.03	18.57	13.43	8.22	3.41	2.80	0.61	0.01	1.01	0.12	0.038	0.02	0.01	2.79
1049559		3.06	49.31	18.63	12.90	8.66	3.11	3.03	0.44	0.01	1.07	0.12	0.039	0.03	0.01	2.55
1049560		2.74	44.26	19.11	15.17	10.16	4.10	2.43	0.44	0.01	1.32	0.15	0.039	0.02	0.01	2.67
1049561		3.48	24.82	4.38	46.71	3.34	11.29	0.16	0.03	0.04	6.18	0.34	0.018	0.01	<0.01	2.60
1049562		3.26	22.48	5.92	47.93	3.47	9.96	0.10	0.02	0.04	6.46	0.35	0.021	0.01	<0.01	2.26
1049563		2.82	42.12	20.48	15.28	9.57	3.42	2.59	0.44	0.02	1.78	0.14	0.024	0.03	<0.01	3.12
1049564		2.68	39.63	14.89	22.51	9.94	5.20	1.58	0.30	0.02	3.12	0.20	0.023	0.02	<0.01	1.96
1049565		4.11	6.60	4.13	70.02	0.98	4.26	0.05	0.01	0.05	14.13	0.32	0.016	0.02	<0.01	-0.58
1049566		4.59	7.24	3.46	89.12	1.97	4.14	0.05	0.01	0.05	14.80	0.34	0.017	0.02	<0.01	-1.49
1049567		4.26	14.63	4.19	59.56	3.72	5.48	0.14	0.02	0.05	11.68	0.32	0.015	0.01	<0.01	-0.74
1049568		3.09	36.64	13.12	27.03	9.32	5.74	1.55	0.23	0.03	4.00	0.22	0.017	0.02	<0.01	1.08
1049569		3.44	36.70	7.57	31.15	9.26	8.27	0.84	0.13	0.03	4.55	0.28	0.019	0.02	<0.01	0.60
1049570		4.60	23.36	5.71	48.22	6.19	6.82	0.25	0.02	0.04	8.85	0.31	0.015	0.02	<0.01	0.31
1049571		3.64	32.92	8.48	34.85	8.94	7.67	0.66	0.05	0.03	5.13	0.27	0.016	0.02	<0.01	0.92
1049572		3.26	39.05	12.19	24.43	10.91	6.41	1.34	0.11	0.03	3.22	0.21	0.016	0.02	<0.01	1.36
1049573		3.36	36.02	12.01	27.97	10.24	5.65	1.30	0.09	0.03	4.28	0.21	0.015	0.02	<0.01	1.12
1049574		2.61	32.92	9.09	33.41	9.64	6.78	0.64	0.06	0.04	5.17	0.26	0.014	0.02	<0.01	1.34
1049575		0.13	16.54	5.83	56.16	3.38	4.74	0.47	0.08	0.04	11.42	0.30	0.024	0.01	<0.01	0.42
1049576		1.72	44.27	6.80	21.96	12.29	10.61	0.65	0.04	0.02	1.79	0.28	0.015	0.01	<0.01	1.05
1049577		4.25	14.94	4.96	59.86	3.52	5.19	0.19	0.02	0.07	11.65	0.33	0.014	0.02	<0.01	-0.68
1049578		2.94	42.31	18.58	15.97	10.85	4.94	1.88	0.25	0.02	1.16	0.14	0.020	0.03	<0.01	3.07



# ALS Chemex

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À: APELLA RESOURCES INC.  
SUITE 1600  
543 GRANVILLE STREET  
VANCOUVER BC V6C 1X8

Page: 3 - B  
Nombre total de pages: 3 (A - B)  
Finalisée date: 14-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10071563

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1049541		99.80	0.16
1049542		100.05	0.12
1049543		98.61	0.27
1049544		99.87	0.40
1049545		99.05	0.11
1049546		99.00	0.16
1049547		99.48	0.23
1049548		100.05	0.33
1049549		98.96	0.28
1049550		99.63	0.25
1049551		99.03	0.30
1049552		100.10	0.36
1049553		100.05	0.24
1049554		98.79	0.48
1049555		100.25	0.08
1049556		100.10	0.01
1049557		99.64	0.04
1049558		99.08	0.05
1049559		99.90	0.05
1049560		99.89	0.06
1049561		99.91	0.29
1049562		99.02	0.29
1049563		99.01	0.08
1049564		99.39	0.13
1049565		100.00	0.51
1049566		99.72	0.51
1049567		99.08	0.45
1049568		99.00	0.19
1049569		99.41	0.20
1049570		100.10	0.36
1049571		99.95	0.25
1049572		99.30	0.18
1049573		98.96	0.22
1049574		99.38	0.26
1049575		99.42	0.36
1049576		99.79	0.10
1049577		100.10	0.55
1049578		99.22	0.08



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Page: 1  
Finalisée date: 14-JUIN-2010  
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## CERTIFICAT VO10071564

Projet: IT  
 Bon de commande #:  
 Ce rapport s'applique aux 84 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3-JUIN-2010.  
 Les résultats sont transmis à:

CHRISTIAN DEROSIER	DON FORAN	ROGER MOAR
--------------------	-----------	------------

PRÉPARATION ÉCHANTILLONS	
CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES		
CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Nombre total de pages: 4 (A - B)

Finalisée date: 14-JUIN-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10071564

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément	Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	unités	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	L.D.	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
1049579		2.98	45.06	18.46	13.59	11.84	4.84	2.24	0.31	0.02	1.07	0.14	0.018	0.03	<0.01	2.48
1049580		3.24	44.84	17.92	13.23	11.90	5.02	2.12	0.45	0.02	1.21	0.14	0.019	0.03	0.01	2.46
1049581		3.03	44.09	14.00	16.67	11.96	6.62	1.58	0.29	0.02	1.65	0.19	0.027	0.02	<0.01	2.05
1049582		3.02	43.31	21.70	13.08	11.07	2.26	2.91	0.36	0.03	1.68	0.11	0.021	0.03	<0.01	2.96
1049583		3.25	42.22	13.90	17.72	11.91	6.65	1.48	0.30	0.04	2.03	0.18	0.017	0.02	<0.01	2.57
1049584		3.13	43.01	12.40	18.83	11.55	8.07	1.22	0.31	0.04	1.86	0.21	0.022	0.02	0.01	2.11
1049585		3.09	38.71	16.30	20.74	11.26	4.93	1.84	0.30	0.05	2.81	0.18	0.022	0.03	0.01	2.74
1049586		3.18	35.70	9.54	29.11	10.33	7.83	0.68	0.18	0.05	4.27	0.25	0.015	0.02	<0.01	1.23
1049587		3.50	41.09	10.36	22.34	11.16	8.90	0.92	0.26	0.03	2.31	0.25	0.015	0.02	<0.01	2.23
1049588		2.11	33.10	6.52	34.35	6.78	12.28	0.19	0.04	0.02	3.60	0.33	0.026	0.01	<0.01	2.09
1049589		1.53	40.52	16.14	20.84	8.84	6.23	1.92	0.35	0.03	2.47	0.21	0.030	0.02	<0.01	1.80
1049590		2.00	56.50	16.90	11.10	6.11	2.59	3.86	0.21	0.02	1.30	0.11	0.070	0.02	<0.01	1.27
1049591		3.50	32.29	12.37	33.53	5.89	6.65	1.27	0.16	0.05	5.11	0.23	0.027	0.02	<0.01	1.39
1049592		3.52	23.66	11.45	44.19	5.18	4.87	0.94	0.10	0.09	8.16	0.25	0.022	0.02	<0.01	-0.04
1049593		3.95	23.87	12.51	43.96	5.66	4.02	0.85	0.11	0.09	8.24	0.24	0.020	0.02	<0.01	-0.47
1049594		3.67	25.37	7.27	44.12	7.30	6.57	0.39	0.08	0.06	8.06	0.29	0.022	0.02	<0.01	-0.44
1049595		3.91	18.59	3.11	55.65	5.09	7.39	0.08	0.01	0.06	10.40	0.34	0.022	0.02	<0.01	-0.83
1049596		3.90	15.81	2.68	58.50	3.76	7.54	0.05	0.01	0.06	10.66	0.35	0.015	0.01	<0.01	-0.41
1049597		4.23	18.18	2.43	56.40	3.96	8.38	0.05	0.01	0.05	10.59	0.36	0.016	0.01	<0.01	-0.37
1049598		3.89	18.60	2.64	56.50	4.15	7.25	0.07	0.01	0.04	10.96	0.32	0.015	0.01	<0.01	-0.50
1049599		3.77	18.69	2.85	55.07	4.72	6.72	0.12	0.03	0.04	10.84	0.34	0.016	0.01	<0.01	-0.31
1049600		0.67	70.17	15.16	2.78	2.26	0.89	5.51	1.40	<0.01	0.27	0.04	0.055	0.04	0.05	0.68
1049601		3.83	28.72	3.39	42.61	7.65	8.48	0.22	0.07	0.03	7.87	0.33	0.017	0.01	<0.01	0.68
1049602		3.62	24.08	3.39	47.06	7.14	7.36	0.14	0.04	0.03	9.01	0.33	0.015	0.01	<0.01	0.70
1049603		3.18	39.02	9.39	25.97	10.88	8.05	0.52	0.10	0.02	3.81	0.27	0.015	0.02	<0.01	1.27
1049604		3.74	17.70	3.47	56.70	4.13	5.98	0.12	0.02	0.05	11.51	0.36	0.014	0.01	<0.01	-0.89
1049605		3.35	34.99	9.51	28.20	11.33	7.15	0.32	0.08	0.02	4.75	0.25	0.021	0.02	<0.01	2.28
1049606		1.75	36.79	8.30	28.01	10.51	7.60	0.43	0.12	0.02	5.64	0.28	0.017	0.01	<0.01	1.42
1049607		2.96	43.25	19.75	15.06	11.26	3.84	2.36	0.29	0.02	1.97	0.15	0.033	0.03	<0.01	1.82
1049608		3.08	44.57	17.87	13.89	12.46	4.85	2.01	0.24	0.01	1.84	0.17	0.023	0.03	<0.01	1.80
1049609		3.04	44.27	15.43	16.57	11.76	5.47	2.03	0.25	0.01	2.34	0.18	0.046	0.03	<0.01	1.65
1049610		2.35	41.07	10.76	23.25	11.05	6.68	1.50	0.26	0.02	4.02	0.23	0.110	0.02	<0.01	1.08
1049611		1.37	76.10	12.87	1.99	1.29	0.24	6.18	0.10	<0.01	0.08	0.02	0.021	0.01	<0.01	0.52
1049612		3.12	42.72	14.82	18.30	11.20	5.62	1.71	0.46	0.02	2.77	0.19	0.025	0.02	<0.01	1.36
1049613		2.91	51.00	15.31	13.49	9.49	4.26	2.69	0.43	0.01	1.87	0.14	0.031	0.02	0.01	1.40
1049614		2.84	44.91	19.59	13.24	11.74	3.87	2.51	0.32	0.02	1.89	0.14	0.039	0.02	<0.01	1.36
1049615		2.48	38.33	14.64	24.44	9.47	5.55	1.66	0.30	0.04	3.87	0.21	0.026	0.02	<0.01	0.91
1049616		2.48	46.01	14.01	14.21	12.96	7.32	1.50	0.36	0.02	1.33	0.19	0.018	0.02	<0.01	1.58
1049617		2.99	45.40	16.24	14.51	12.65	5.73	1.82	0.19	0.02	1.66	0.18	0.046	0.02	<0.01	1.37
1049618		3.35	41.58	12.03	22.68	10.59	7.49	1.36	0.19	0.05	3.03	0.24	0.035	0.02	<0.01	0.98



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Page: 2 - B

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Projet: IT

## CERTIFICAT D'ANALYSE VO10071564

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1049579		100.10	0.08
1049580		99.38	0.08
1049581		99.18	0.09
1049582		99.53	0.09
1049583		99.05	0.12
1049584		99.66	0.11
1049585		99.92	0.16
1049586		99.21	0.24
1049587		99.90	0.14
1049588		99.34	0.18
1049589		99.40	0.12
1049590		100.05	0.07
1049591		98.98	0.24
1049592		98.97	0.39
1049593		99.11	0.40
1049594		99.10	0.38
1049595		99.93	0.43
1049596		99.03	0.37
1049597		100.10	0.43
1049598		100.05	0.40
1049599		99.14	0.36
1049600		99.32	0.01
1049601		100.10	0.28
1049602		99.30	0.31
1049603		99.33	0.15
1049604		99.16	0.45
1049605		98.92	0.18
1049606		99.14	0.19
1049607		99.84	0.08
1049608		99.57	0.08
1049609		100.05	0.09
1049610		100.05	0.15
1049611		99.42	0.01
1049612		99.22	0.12
1049613		100.15	0.09
1049614		99.65	0.09
1049615		99.47	0.15
1049616		99.53	0.08
1049617		99.84	0.08
1049618		100.25	0.14





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Page: 3 - A

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## CERTIFICAT D'ANALYSE VO10071564

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément	Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
L.D.	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
1049619		2.83	46.63	16.93	12.88	12.57	5.99	2.12	0.18	0.02	1.23	0.17	0.025	0.02	<0.01	1.28
1049620		3.18	42.44	18.49	17.68	10.67	4.56	2.35	0.16	0.03	2.51	0.16	0.027	0.02	<0.01	0.55
1049621		3.82	46.12	12.23	16.85	12.75	8.35	1.39	0.09	0.02	1.59	0.24	0.018	0.02	<0.01	0.40
1049622		2.95	45.76	20.34	11.82	11.21	3.64	2.77	0.35	0.02	1.52	0.14	0.066	0.03	<0.01	2.12
1049623		3.19	40.22	14.57	20.86	11.34	5.96	1.56	0.18	0.05	3.03	0.21	0.031	0.02	<0.01	1.92
1049624		3.24	43.41	13.00	18.31	12.49	7.48	1.45	0.17	0.02	2.18	0.23	0.025	0.02	<0.01	1.19
1049625		0.10	37.37	15.96	23.81	9.43	6.56	1.62	0.08	0.07	2.97	0.19	0.023	0.02	<0.01	0.77
1049626		3.03	43.04	11.83	18.94	12.05	7.01	1.34	0.20	0.03	2.41	0.21	0.018	0.02	<0.01	2.70
1049627		3.19	39.38	15.67	22.89	9.75	5.09	1.91	0.25	0.04	3.57	0.19	0.026	0.02	<0.01	0.80
1049628		2.77	45.25	17.55	14.91	10.00	4.58	2.71	0.39	0.02	1.80	0.16	0.034	0.02	<0.01	2.12
1049829		3.08	41.77	17.90	18.26	9.02	4.09	2.66	0.45	0.04	3.00	0.18	0.040	0.03	0.01	2.72
1049630		2.95	45.49	17.64	15.26	9.81	4.14	3.10	0.25	0.02	1.74	0.16	0.053	0.02	<0.01	2.04
1049631		3.00	42.56	16.19	18.09	11.09	5.60	1.93	0.22	0.03	2.44	0.19	0.023	0.02	<0.01	1.40
1049832		3.05	44.76	18.09	14.92	11.69	5.13	2.12	0.27	0.02	1.82	0.17	0.022	0.02	<0.01	1.16
1049833		3.48	29.62	7.68	39.88	5.81	9.10	0.58	0.10	0.05	5.74	0.32	0.022	0.02	<0.01	1.05
1049634		3.32	33.56	7.11	35.58	5.12	12.08	0.54	0.16	0.04	3.75	0.37	0.033	0.02	0.01	1.65
1049635		2.97	29.25	5.82	40.80	3.18	12.92	0.28	0.03	0.05	4.03	0.35	0.025	0.01	<0.01	2.30
1049636		3.48	17.57	2.44	56.43	1.11	10.79	0.06	0.01	0.04	8.25	0.34	0.021	0.01	<0.01	1.91
1049637		3.80	30.26	6.50	39.12	5.21	10.26	0.51	0.06	0.04	5.09	0.31	0.029	0.01	<0.01	1.81
1049638		3.47	27.39	6.09	43.93	5.14	9.43	0.35	0.05	0.06	6.27	0.31	0.022	0.01	<0.01	0.94
1049639		3.26	28.11	5.29	42.18	5.57	10.00	0.22	0.04	0.06	6.06	0.34	0.020	0.01	<0.01	1.30
1049640		3.22	30.12	5.12	39.87	7.25	9.39	0.34	0.04	0.06	6.12	0.32	0.018	0.01	<0.01	0.36
1049641		2.90	42.17	17.95	16.35	10.60	5.04	2.04	0.31	0.02	2.10	0.20	0.041	0.02	<0.01	3.07
1049642		3.16	44.00	15.89	18.57	7.90	7.39	2.17	0.34	0.02	1.25	0.23	0.055	0.02	0.01	2.36
1049643		2.96	42.20	11.26	22.75	7.32	9.92	1.11	0.14	0.03	1.97	0.30	0.023	0.01	<0.01	2.14
1049644		2.73	42.51	17.25	17.62	9.37	4.87	2.53	0.21	0.03	2.13	0.21	0.047	0.03	<0.01	2.89
1049645		3.14	36.99	13.08	26.32	7.33	7.73	1.33	0.15	0.03	3.00	0.24	0.042	0.02	<0.01	2.88
1049646		2.32	29.72	11.11	37.04	6.13	7.35	0.74	0.11	0.05	5.55	0.28	0.023	0.02	<0.01	1.72
1049647		2.44	40.14	16.46	21.30	9.31	5.42	2.04	0.29	0.02	2.89	0.20	0.044	0.03	<0.01	1.98
1049648		2.44	31.38	11.88	33.48	7.50	5.72	1.11	0.26	0.03	5.30	0.26	0.035	0.02	<0.01	2.10
1049649		2.88	28.34	7.97	39.10	6.10	5.71	1.10	0.09	0.03	7.05	0.26	0.063	0.01	<0.01	3.08
1049650		0.14	28.76	5.43	42.49	7.21	7.62	0.62	0.08	0.02	7.48	0.31	0.025	0.01	<0.01	-0.05
1049651		3.04	38.27	10.01	25.25	10.90	7.43	1.24	0.13	0.02	3.28	0.25	0.017	0.02	<0.01	2.93
1049652		2.46	45.90	10.63	17.69	11.83	9.56	1.36	0.14	0.02	1.56	0.27	0.019	0.02	<0.01	1.10
1049653		2.31	41.18	11.77	21.95	11.71	7.82	1.24	0.10	0.02	2.73	0.24	0.017	0.02	<0.01	1.04
1049654		3.69	26.96	5.13	44.50	7.66	7.98	0.30	0.03	0.04	7.06	0.32	0.015	0.01	<0.01	-0.25
1049655		2.88	43.59	15.59	17.44	11.66	5.39	2.09	0.20	0.02	2.14	0.18	0.019	0.02	<0.01	1.06
1049656		3.06	42.18	14.30	19.04	12.16	6.20	1.75	0.15	0.02	2.57	0.20	0.019	0.02	<0.01	1.09
1049657		3.22	38.67	14.83	23.69	10.75	4.76	1.83	0.10	0.03	3.84	0.19	0.019	0.02	<0.01	0.61
1049658		3.49	36.75	11.03	28.22	10.96	6.39	1.19	0.05	0.03	4.47	0.24	0.016	0.02	<0.01	0.36



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Page: 3 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 14-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10071564

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1049619		100.05	0.07
1049820		99.66	0.12
1049621		100.05	0.09
1049622		99.79	0.07
1049623		99.95	0.13
1049624		99.98	0.11
1049625		98.88	0.16
1049626		99.80	0.12
1049627		99.59	0.17
1049628		99.55	0.08
1049629		100.15	0.13
1049630		99.73	0.08
1049631		99.79	0.11
1049632		100.20	0.09
1049633		99.96	0.27
1049634		100.00	0.17
1049635		98.84	0.19
1049636		98.98	0.35
1049637		99.21	0.21
1049638		99.99	0.28
1049639		99.19	0.27
1049640		99.01	0.30
1049641		99.91	0.10
1049642		100.20	0.06
1049643		99.18	0.10
1049644		99.69	0.09
1049645		99.14	0.11
1049646		99.84	0.27
1049647		100.10	0.13
1049648		99.07	0.21
1049649		98.90	0.25
1049650		100.00	0.25
1049651		99.75	0.16
1049652		100.10	0.08
1049653		99.84	0.13
1049654		99.75	0.36
1049655		99.40	0.11
1049656		99.71	0.13
1049657		99.34	0.18
1049658		99.72	0.22



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Page: 4 - A

Nombre total de pages: 4 (A - B)

Finalisée date: 14-JUIN-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10071564

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1049659		3.35	34.01	9.22	32.48	10.20	6.53	0.92	0.05	0.04	5.29	0.25	0.014	0.02	<0.01	0.35
1049660		3.31	36.53	8.52	29.00	11.35	7.61	0.85	0.08	0.03	4.54	0.27	0.015	0.02	<0.01	0.51
1049661		3.41	37.22	10.69	28.28	10.93	7.26	1.24	0.04	0.04	4.33	0.25	0.016	0.02	<0.01	-0.61
1049662		3.36	46.62	8.71	18.23	13.20	10.26	1.05	0.03	0.02	1.58	0.27	0.014	0.02	<0.01	-0.12



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Page: 4 - B

Nombre total de pages: 4 (A - B)

Finalisée date: 14-JUIN-2010

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## CERTIFICAT D'ANALYSE VO10071564

Description échantillon	Méthode élément unités L.D.	ME-XRF05	V-XRF10
		Total	V
		%	%
1049659		99.37	0.25
1049660		99.32	0.22
1049661		99.70	0.21
1049662		99.88	0.10



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Page: 1  
Finalisée date: 29-JUIN-2010  
Compte: PET

## CERTIFICAT VO10078064

Projet: IT  
 Bon de commande #:  
 Ce rapport s'applique aux 75 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16-JUIN-2010.  
 Les résultats sont transmis à:

CHRISTIAN DEROSIER	DON FORAN	ROGER MOAR
--------------------	-----------	------------

## PRÉPARATION ÉCHANTILLONS


CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minéral de V	XRF
PGM-ICP24	Pt, Pd et Au 50 g FA ICP	ICP-AES
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:   
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

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## CERTIFICAT D'ANALYSE VO10078064

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément unités L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SO %	BaO %	LOI %
1049747		3.50	30.89	3.75	39.06	7.39	9.71	0.26	0.03	0.07	6.25	0.34	0.018	0.01	<0.01	0.54
1049748		3.30	38.81	2.03	33.83	6.39	12.95	0.14	0.02	0.02	3.98	0.40	0.027	0.01	<0.01	0.57
1049749		3.69	19.85	3.20	52.88	4.40	6.74	0.10	0.06	0.05	10.29	0.33	0.016	0.01	<0.01	1.26
1049750		0.11	28.42	5.44	42.27	7.18	7.63	0.62	0.08	0.03	7.43	0.31	0.022	0.01	<0.01	-0.04
1049751		3.36	24.40	3.90	45.52	5.14	7.02	0.44	0.09	0.04	8.54	0.30	0.021	0.01	<0.01	2.88
1049752		3.12	32.13	9.88	37.35	3.70	4.51	2.87	0.18	0.03	7.07	0.24	0.015	0.02	<0.01	0.59
1049753		3.85	23.55	2.73	48.43	7.58	7.66	0.14	0.02	0.04	9.26	0.35	0.018	0.01	<0.01	-0.89
1049754		3.83	22.07	2.51	50.60	6.92	7.12	0.13	0.03	0.04	8.73	0.33	0.016	0.01	<0.01	0.32
1049755		4.04	21.52	2.62	51.41	7.03	6.99	0.12	0.02	0.04	9.59	0.34	0.016	0.01	<0.01	-0.73
1049756		3.99	18.87	2.66	55.87	6.24	6.83	0.11	0.01	0.04	10.42	0.35	0.016	0.01	<0.01	-1.49
1049757		3.78	27.14	2.63	44.77	8.97	8.74	0.16	0.02	0.04	7.81	0.34	0.018	0.01	<0.01	-0.95
1049758		3.80	30.25	2.52	41.39	9.55	9.82	0.17	0.02	0.04	6.83	0.36	0.019	0.01	<0.01	-1.22
1049759		3.37	28.95	2.46	42.56	8.62	9.81	0.15	0.02	0.04	6.84	0.35	0.020	0.01	<0.01	-1.15
1049760		3.55	25.81	2.39	47.11	7.13	8.91	0.16	0.03	0.05	7.05	0.34	0.018	0.01	<0.01	0.42
1049761		3.84	30.89	2.92	40.65	8.90	10.25	0.22	0.05	0.04	6.30	0.36	0.022	0.01	<0.01	-0.49
1049762		3.27	33.90	3.30	35.53	9.40	11.06	0.19	0.04	0.03	4.61	0.33	0.023	0.01	<0.01	0.49
1049763		3.17	27.97	3.29	43.27	7.68	9.02	0.22	0.04	0.04	6.89	0.34	0.017	0.01	<0.01	0.27
1049764		3.89	33.11	4.86	36.10	8.59	9.48	0.47	0.12	0.03	5.42	0.34	0.020	0.01	<0.01	0.87
1049765		3.41	35.08	4.87	33.39	9.75	10.06	0.53	0.06	0.03	4.61	0.32	0.019	0.01	<0.01	0.19
1049766		3.29	38.02	6.24	28.97	10.46	9.57	0.78	0.19	0.02	3.78	0.31	0.017	0.01	<0.01	0.38
1049767		3.36	37.13	6.12	30.07	10.21	9.91	0.69	0.06	0.02	3.92	0.32	0.017	0.01	<0.01	0.22
1049768		3.59	38.08	6.04	29.63	10.93	10.12	0.61	0.06	0.03	3.85	0.32	0.018	0.02	<0.01	0.06
1049769		2.94	36.25	4.04	33.67	8.88	10.79	0.42	0.09	0.02	4.16	0.37	0.016	0.01	<0.01	1.15
1049770		3.38	31.61	2.83	39.56	7.35	12.11	0.28	0.05	0.03	4.99	0.37	0.018	0.01	<0.01	0.50
1049771		3.85	26.31	2.13	47.40	5.09	11.94	0.13	0.02	0.03	6.71	0.40	0.018	0.01	<0.01	-0.57
1049772		3.59	31.06	3.74	41.54	5.67	12.58	0.31	0.05	0.04	5.18	0.39	0.020	0.01	<0.01	-0.53
1049773		3.56	28.54	3.13	43.86	4.96	12.65	0.24	0.02	0.03	5.60	0.39	0.018	0.01	<0.01	-0.70
1049774		3.86	27.05	3.28	45.33	4.81	12.14	0.22	0.02	0.03	6.00	0.38	0.018	0.01	<0.01	-0.47
1049775		0.15	16.55	5.81	55.99	3.39	4.77	0.46	0.08	0.04	11.42	0.30	0.025	0.01	<0.01	0.44
1049776		3.77	30.89	3.35	40.65	6.52	12.10	0.27	0.03	0.03	5.20	0.37	0.018	0.01	<0.01	-0.43
1049777		3.00	34.52	5.03	34.59	7.91	11.32	0.42	0.08	0.02	4.11	0.34	0.020	0.01	<0.01	0.75
1049778		3.29	34.07	4.53	35.04	8.73	11.09	0.41	0.06	0.02	4.56	0.34	0.019	0.01	<0.01	0.21
1049779		3.50	30.75	3.95	39.84	7.23	11.30	0.22	0.03	0.02	5.43	0.36	0.019	0.01	<0.01	0.72
1049780		3.71	29.40	3.93	40.58	7.15	10.56	0.28	0.08	0.03	6.13	0.38	0.019	0.02	<0.01	1.37
1049781		3.28	31.61	5.39	35.35	7.84	10.66	0.31	0.10	0.02	4.67	0.35	0.020	0.01	<0.01	2.94
1049782		3.83	24.47	2.54	47.46	5.78	10.25	0.13	0.02	0.03	7.53	0.37	0.018	0.01	<0.01	-0.15
1049783		3.57	23.42	2.90	49.04	5.71	9.50	0.16	0.01	0.03	8.29	0.37	0.017	0.01	<0.01	-0.44
1049784		3.59	29.66	4.70	40.39	7.63	9.90	0.36	0.03	0.03	6.35	0.35	0.019	0.01	<0.01	-0.44
1049785		3.28	36.47	5.63	31.99	9.63	10.70	0.55	0.06	0.02	4.45	0.34	0.035	0.02	<0.01	0.04
1049786		3.62	34.04	4.80	35.61	8.76	11.03	0.47	0.07	0.02	4.92	0.35	0.021	0.02	<0.01	-0.17



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Page: 2 - B  
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Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-ICP61	ME-ICP61
		Total %	V %	Au ppm	Pt ppm	Pd ppm	Cu ppm	Ni ppm
1049747		98.30	0.21					
1049748		99.18	0.12					
1049749		99.18	0.28					
1049750		99.41	0.24					
1049751		98.30	0.24	0.001	<0.005	0.001	266	240
1049752		98.58	0.19					
1049753		98.88	0.27					
1049754		98.81	0.23	0.002	<0.005	0.001	652	330
1049755		98.97	0.26	0.001	<0.005	0.001	1280	294
1049756		99.93	0.31					
1049757		99.69	0.24					
1049758		99.75	0.21					
1049759		98.67	0.21					
1049760		99.43	0.23	0.001	<0.005	0.001	722	295
1049761		100.10	0.21					
1049762		98.91	0.18					
1049763		99.05	0.22	0.001	<0.005	0.001	1240	358
1049764		99.22	0.18					
1049765		98.92	0.17					
1049766		98.73	0.14					
1049767		98.70	0.15					
1049768		99.76	0.15					
1049769		99.87	0.15	0.002	<0.005	0.001	497	203
1049770		99.70	0.18					
1049771		99.62	0.21					
1049772		100.05	0.16					
1049773		98.75	0.18					
1049774		98.82	0.20					
1049775		99.29	0.35					
1049776		99.00	0.19					
1049777		99.12	0.14					
1049778		99.09	0.14					
1049779		99.89	0.17					
1049780		99.92	0.19					
1049781		99.27	0.15					
1049782		98.45	0.23					
1049783		99.02	0.25					
1049784		98.98	0.19					
1049785		99.93	0.13					
1049786		99.94	0.14					



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Page: 3 - A

Nombre total de pages: 3 (A - B)

Finalisée date: 29-JUIN-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10078064

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
1049787		3.57	32.00	3.37	38.93	7.90	11.41	0.26	0.04	0.02	5.57	0.38	0.021	0.01	<0.01	0.22
1049768		3.39	31.70	4.69	37.14	8.08	10.55	0.35	0.04	0.02	5.53	0.36	0.019	0.01	<0.01	0.58
1049789		3.67	33.00	2.82	37.70	8.92	11.49	0.20	0.02	0.02	5.38	0.37	0.023	0.01	<0.01	-0.58
1049790		3.84	25.49	2.25	47.50	6.79	10.34	0.10	0.01	0.03	8.21	0.39	0.017	0.01	<0.01	-1.05
1049791		3.56	26.69	2.34	45.96	7.15	10.35	0.10	0.02	0.03	7.59	0.37	0.018	0.01	<0.01	-0.59
1049792		4.10	16.40	2.18	57.58	2.52	9.27	0.04	0.01	0.03	9.78	0.37	0.017	0.01	<0.01	0.46
1049793		3.91	13.80	1.95	61.07	0.14	10.29	0.02	0.01	0.04	9.77	0.35	0.016	0.01	<0.01	1.49
1049794		3.45	20.95	1.64	53.12	0.67	13.23	0.04	0.01	0.03	6.65	0.37	0.025	0.01	<0.01	2.06
1049795		3.25	21.07	1.73	52.91	1.34	12.90	0.03	0.01	0.04	7.04	0.41	0.024	0.01	<0.01	1.19
1049796		3.66	27.90	3.07	44.06	3.58	13.69	0.09	0.02	0.03	4.88	0.40	0.021	0.01	<0.01	2.21
1049797		3.09	25.00	3.07	46.40	3.62	12.94	0.09	0.02	0.03	6.18	0.40	0.024	0.01	<0.01	2.24
1049798		3.25	25.66	1.35	46.73	2.27	14.59	0.02	0.01	0.02	5.03	0.41	0.026	0.01	<0.01	3.26
1049799		3.29	27.86	1.99	41.50	3.50	15.65	<0.01	0.01	0.02	2.86	0.33	0.029	0.01	<0.01	5.65
1049800		0.61	71.00	15.33	2.26	1.95	0.85	5.96	1.38	<0.01	0.17	0.04	0.050	0.04	0.05	0.84
1049801		2.90	27.34	2.64	43.78	3.23	13.62	0.02	0.01	0.03	4.60	0.32	0.038	0.01	<0.01	4.25
1049802		3.98	33.29	3.19	40.26	2.22	11.53	0.08	0.04	0.03	6.15	0.38	0.023	0.01	<0.01	2.15
1049803		3.22	38.92	12.38	22.50	8.98	9.08	0.93	0.34	0.02	1.64	0.24	0.071	0.01	<0.01	3.61
1049804		3.15	44.32	16.96	14.84	11.32	5.76	2.01	0.47	0.04	1.66	0.17	0.027	0.03	0.01	1.60
1049805		2.82	44.49	20.86	12.72	11.21	3.04	2.60	0.48	0.04	1.98	0.13	0.037	0.03	<0.01	1.68
1049806		2.90	45.39	18.54	12.91	11.65	4.57	2.31	0.40	0.02	1.56	0.15	0.030	0.03	<0.01	1.65
1049807		2.96	43.13	18.69	14.79	10.84	4.42	2.43	0.57	0.03	2.10	0.16	0.034	0.03	0.01	2.26
1049808		2.74	50.05	16.77	13.32	8.35	3.90	3.11	0.28	0.03	1.83	0.13	0.033	0.03	<0.01	2.25
1049809		2.95	43.95	17.72	15.32	11.28	4.73	2.15	0.38	0.03	2.19	0.16	0.035	0.03	<0.01	1.21
1049810		2.96	45.49	18.27	12.10	12.24	6.67	1.81	0.10	0.03	0.73	0.16	0.027	0.02	<0.01	1.71
1049811		2.96	41.21	17.12	18.36	11.96	6.28	1.76	0.07	0.06	2.25	0.18	0.022	0.03	<0.01	0.51
1049812		3.11	41.67	16.23	19.39	11.33	6.45	1.70	0.04	0.06	2.25	0.18	0.020	0.02	<0.01	-0.06
1049813		3.19	44.41	16.84	16.24	11.25	6.66	1.87	0.09	0.04	1.55	0.18	0.021	0.02	<0.01	0.40
1049814		2.73	44.98	17.02	13.66	12.37	6.36	1.81	0.18	0.03	1.22	0.17	0.019	0.02	<0.01	1.70
1049819		2.89	45.35	21.09	10.95	13.20	4.04	2.08	0.22	0.01	1.23	0.11	0.018	0.03	<0.01	1.21
1049820		3.02	44.51	19.08	13.52	13.47	5.21	1.91	0.07	0.01	1.50	0.14	0.018	0.02	<0.01	0.50
1049821		3.08	44.06	18.31	13.78	13.42	5.67	1.82	0.09	0.01	1.46	0.15	0.018	0.02	<0.01	1.13
1049822		3.00	40.65	17.27	19.55	11.96	4.97	1.69	0.06	0.02	2.70	0.15	0.016	0.02	<0.01	0.42
1049823		3.16	44.94	18.76	12.38	13.54	5.02	1.76	0.07	0.01	1.25	0.14	0.018	0.02	<0.01	1.49
1049824		3.07	45.48	17.42	12.56	13.36	5.89	1.58	0.11	0.01	1.20	0.15	0.021	0.02	<0.01	1.55
1049825		0.12	37.25	15.95	23.85	9.42	6.56	1.61	0.08	0.07	2.94	0.19	0.024	0.02	<0.01	0.82





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Page: 3 - B  
Nombre total de pages: 3 (A - B)  
Finalisée date: 29-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10078064

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-ICP61	ME-ICP61
		Total %	V %	Au ppm	Pt ppm	Pd ppm	Cu ppm	Ni ppm
1049787		100.15	0.15					
1049788		99.07	0.15					
1049789		99.37	0.13					
1049790		100.10	0.19					
1049791		100.05	0.20					
1049792		98.66	0.30					
1049793		98.95	0.33					
1049794		98.81	0.23					
1049795		98.69	0.22					
1049796		99.97	0.15					
1049797		100.00	0.18					
1049798		99.39	0.15					
1049799		99.41	0.10					
1049800		99.93	0.01					
1049801		99.88	0.14					
1049802		99.34	0.18					
1049803		98.73	0.06					
1049804		99.21	0.06					
1049805		99.29	0.07					
1049806		99.21	0.07					
1049807		99.49	0.08					
1049808		100.10	0.07					
1049809		99.18	0.08					
1049810		99.36	0.04					
1049811		99.81	0.11					
1049812		99.28	0.12					
1049813		99.58	0.08					
1049814		99.54	0.07					
1049819		99.54	0.07					
1049820		99.97	0.09					
1049821		99.95	0.08					
1049822		99.48	0.14					
1049823		99.40	0.08					
1049824		99.35	0.07					
1049825		98.79	0.16					



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Page: 1  
Finalisée date: 29-JUIN-2010  
Compte: PET

## CERTIFICAT VO10078063

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 84 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16-JUIN-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
PGM-ICP24	Pt, Pd et Au 50 g FA ICP	ICP-AES
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

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## CERTIFICAT D'ANALYSE VO10078063

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
1049663		2.95	46.60	10.00	16.88	12.05	9.67	1.25	0.12	0.02	1.39	0.27	0.026	0.02	<0.01	1.02
1049664		3.09	43.96	11.52	19.84	11.24	8.48	1.42	0.09	0.02	2.22	0.25	0.016	0.02	<0.01	0.26
1049665		3.53	37.16	12.40	26.81	10.38	6.05	1.35	0.13	0.04	3.90	0.23	0.016	0.02	<0.01	0.50
1049666		3.44	33.18	11.01	33.07	9.26	6.42	1.11	0.07	0.05	5.26	0.24	0.016	0.02	<0.01	0.30
1049667		3.06	39.00	12.67	23.83	11.01	6.95	1.40	0.11	0.03	3.30	0.22	0.076	0.03	<0.01	1.30
1049668		3.06	47.04	15.80	12.53	12.77	6.87	1.92	0.08	0.01	1.03	0.18	0.022	0.02	<0.01	0.93
1049669		3.02	45.70	17.87	13.61	12.27	5.48	2.23	0.13	0.02	1.47	0.16	0.020	0.03	<0.01	1.16
1049670		2.76	46.01	25.02	9.16	11.88	1.47	3.17	0.24	0.03	1.48	0.07	0.026	0.03	<0.01	1.20
1049671		3.30	47.53	18.03	15.58	8.55	2.50	3.00	0.52	0.04	2.61	0.11	0.021	0.02	<0.01	1.36
1049672		3.34	37.31	15.19	25.16	9.98	4.59	1.60	0.16	0.06	3.98	0.19	0.029	0.02	<0.01	0.46
1049673		2.40	37.63	16.60	24.60	9.86	3.65	1.93	0.08	0.03	4.01	0.17	0.072	0.02	<0.01	-0.01
1049674		2.58	36.03	16.04	26.64	9.77	3.94	1.77	0.11	0.05	4.49	0.17	0.018	0.02	<0.01	-0.01
1049675		0.12	16.61	5.79	56.15	3.38	4.75	0.47	0.09	0.04	11.44	0.30	0.025	0.01	<0.01	0.43
1049676		2.92	45.07	21.15	12.53	11.76	3.09	2.61	0.15	0.02	1.79	0.11	0.021	0.03	<0.01	0.98
1049677		3.10	45.59	14.60	14.55	12.79	6.96	1.58	0.16	0.03	1.46	0.19	0.025	0.02	<0.01	1.23
1049678		3.28	42.34	8.88	23.53	10.79	10.15	0.87	0.06	0.04	2.58	0.28	0.015	0.02	<0.01	0.57
1049679		3.18	43.26	10.28	21.18	11.37	9.61	1.10	0.09	0.03	2.24	0.27	0.022	0.02	<0.01	0.50
1049680		2.96	46.56	16.98	12.61	12.73	5.99	1.94	0.09	0.03	1.28	0.16	0.019	0.02	<0.01	1.31
1049681		3.06	47.01	14.88	13.63	12.21	8.03	1.72	0.10	0.02	1.03	0.21	0.017	0.02	<0.01	0.98
1049682		2.34	47.35	17.98	11.49	12.71	6.20	2.08	0.08	0.02	0.93	0.16	0.021	0.02	<0.01	0.83
1049683		3.63	27.45	4.95	43.61	8.51	7.46	0.44	0.02	0.03	7.62	0.31	0.014	0.02	<0.01	-0.80
1049684		3.35	30.20	6.10	39.13	9.03	7.31	0.67	0.03	0.03	6.74	0.29	0.022	0.02	<0.01	-0.58
1049685		3.44	29.62	5.80	39.77	8.88	7.42	0.53	0.04	0.03	6.79	0.30	0.017	0.01	<0.01	-0.31
1049686		3.19	27.77	4.13	42.82	8.53	7.64	0.42	0.05	0.03	7.52	0.31	0.014	0.01	<0.01	-0.39
1049687		3.32	34.85	6.85	32.73	10.50	7.90	0.73	0.05	0.02	4.97	0.28	0.014	0.02	<0.01	-0.06
1049688		3.17	38.45	10.41	25.89	11.81	7.30	0.85	0.07	0.02	3.68	0.26	0.014	0.02	<0.01	1.36
1049689		3.36	33.12	7.79	33.87	10.59	7.31	0.69	0.06	0.03	5.62	0.29	0.014	0.02	<0.01	0.26
1049690		3.34	29.83	5.70	38.95	9.47	7.43	0.38	0.04	0.03	6.52	0.30	0.014	0.01	<0.01	0.38
1049691		3.51	30.62	5.92	37.24	9.76	7.57	0.43	0.04	0.03	6.10	0.29	0.014	0.01	<0.01	1.53
1049692		4.06	32.59	9.77	33.43	9.45	6.29	0.76	0.09	0.03	5.14	0.26	0.015	0.02	<0.01	1.20
1049693		3.42	27.34	6.57	43.27	8.19	6.51	0.64	0.03	0.03	7.61	0.29	0.014	0.02	<0.01	-0.56
1049694		3.70	27.56	5.15	42.72	7.84	7.59	0.39	0.04	0.03	7.25	0.31	0.015	0.01	<0.01	-0.35
1049695		3.66	28.89	6.30	39.65	8.45	6.99	0.57	0.10	0.02	6.63	0.29	0.016	0.01	<0.01	0.77
1049696		3.82	20.98	3.94	52.15	6.00	6.67	0.26	0.02	0.03	9.73	0.33	0.015	0.01	<0.01	-1.09
1049697		3.53	26.02	4.46	46.02	6.86	7.64	0.41	0.06	0.03	7.69	0.32	0.015	0.01	<0.01	-0.58
1049698		3.97	23.49	3.76	49.47	5.39	7.12	0.33	0.19	0.03	9.01	0.34	0.014	0.01	<0.01	-0.24
1049699		3.43	29.89	5.48	41.02	7.11	7.20	0.79	0.15	0.03	7.12	0.31	0.015	0.01	<0.01	0.84
1049700		0.68	71.21	15.34	2.16	1.78	0.83	6.00	1.42	0.01	0.20	0.04	0.053	0.04	0.06	0.83
1049701		3.71	25.23	4.08	46.34	7.08	7.23	0.35	0.09	0.03	8.71	0.33	0.015	0.01	<0.01	-0.44
1049702		3.64	27.20	4.71	44.59	8.00	7.71	0.40	0.02	0.03	7.86	0.33	0.015	0.02	<0.01	-0.79



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Page: 2 - B  
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## CERTIFICAT D'ANALYSE VO10078063

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-ICP61	ME-ICP61
		Total %	V %	Au ppm	Pt ppm	Pd ppm	Cu ppm	Ni ppm
1049663		99.30	0.07					
1049664		99.34	0.10					
1049665		98.98	0.17					
1049666		99.99	0.23					
1049667		99.93	0.15					
1049668		99.21	0.06					
1049669		100.15	0.07					
1049670		99.77	0.07					
1049671		99.88	0.12					
1049672		98.72	0.18					
1049673		98.65	0.17					
1049674		99.04	0.21					
1049675		99.49	0.36					
1049676		99.31	0.08					
1049677		99.19	0.08					
1049678		100.10	0.13					
1049679		99.97	0.11					
1049680		99.72	0.07					
1049681		99.86	0.06					
1049682		99.88	0.05					
1049683		99.63	0.27					
1049684		98.98	0.24					
1049685		98.90	0.25					
1049686		98.85	0.28					
1049687		98.85	0.19					
1049688		100.15	0.15					
1049689		99.66	0.22					
1049690		99.05	0.24					
1049691		99.56	0.22					
1049692		99.04	0.19					
1049693		99.95	0.26					
1049694		98.55	0.26					
1049695		98.69	0.22	0.001	<0.005	0.001	738	303
1049696		99.04	0.32					
1049697		98.86	0.27	0.001	<0.005	0.001	830	304
1049698		98.91	0.30					
1049699		99.97	0.23	0.003	<0.005	<0.001	937	269
1049700		99.97	0.01					
1049701		99.05	0.28					
1049702		100.10	0.26					



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Page: 3 - A

Nombre total de pages: 4 (A - B)

Finalisée date: 29-JUIN-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10078063

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément unités L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
1049703		3,78	27,46	4,88	43,63	8,01	7,69	0,41	0,02	0,03	7,62	0,32	0,015	0,01	<0,01	-0,64
1049704		3,94	27,60	4,00	44,27	8,03	8,23	0,32	0,02	0,03	7,73	0,34	0,015	0,01	<0,01	-0,66
1049705		3,91	24,12	3,46	48,28	6,87	7,59	0,23	0,01	0,03	8,44	0,34	0,015	0,01	<0,01	-0,62
1049706		3,68	25,17	4,34	46,79	6,85	7,18	0,40	0,02	0,03	8,27	0,32	0,016	0,01	<0,01	-0,50
1049707		3,44	34,73	6,38	33,88	8,95	8,59	0,66	0,10	0,03	4,98	0,30	0,015	0,01	<0,01	0,27
1049708		3,59	29,88	6,05	39,75	8,24	7,74	0,61	0,05	0,03	6,60	0,31	0,014	0,01	<0,01	-0,46
1049709		3,09	36,82	9,66	28,34	9,97	7,42	1,03	0,22	0,02	3,84	0,27	0,015	0,02	<0,01	1,06
1049710		3,42	38,08	10,13	27,08	10,42	7,25	1,11	0,12	0,02	3,41	0,25	0,022	0,02	<0,01	1,02
1049711		3,80	24,60	3,70	47,54	6,71	8,03	0,26	0,02	0,03	7,93	0,33	0,015	0,01	<0,01	-0,17
1049712		3,56	25,02	5,23	46,58	6,80	7,27	0,40	0,07	0,03	7,84	0,32	0,015	0,01	<0,01	0,09
1049713		2,30	32,74	7,24	32,31	10,50	7,00	0,50	0,17	0,02	4,16	0,27	0,053	0,01	<0,01	3,73
1049714		2,72	17,45	3,29	56,60	4,26	6,14	0,26	0,05	0,04	10,86	0,33	0,023	0,01	<0,01	-0,38
1049715		2,74	53,42	14,07	13,16	7,75	3,27	4,60	0,27	0,01	1,59	0,19	0,216	0,02	<0,01	1,25
1049716		2,73	55,06	14,46	12,75	6,69	3,24	4,32	0,35	0,01	1,65	0,18	0,215	0,03	0,01	0,72
1049717		2,99	56,83	14,45	11,68	6,76	3,01	3,60	0,49	0,01	1,47	0,16	0,205	0,03	0,01	0,63
1049718		2,43	56,72	14,27	11,91	6,27	3,08	3,63	0,43	0,01	1,41	0,16	0,201	0,03	0,01	0,89
1049719		3,99	19,03	3,43	54,97	6,00	6,37	0,18	0,03	0,04	10,92	0,34	0,019	0,01	<0,01	-1,16
1049720		4,19	14,61	3,07	59,56	4,74	5,51	0,11	0,02	0,04	12,00	0,33	0,017	0,01	<0,01	-1,09
1049721		4,29	14,64	2,84	59,83	4,85	5,65	0,09	0,01	0,04	11,99	0,33	0,016	0,01	<0,01	-1,48
1049722		3,92	17,66	2,70	56,25	5,41	6,60	0,08	0,01	0,04	11,03	0,34	0,016	0,01	<0,01	-1,07
1049723		3,81	17,00	2,86	58,04	4,94	6,54	0,09	0,01	0,04	11,37	0,34	0,017	0,01	<0,01	-0,99
1049724		4,23	13,49	2,83	61,53	3,83	5,75	0,07	0,01	0,04	12,36	0,33	0,014	0,01	<0,01	-1,17
1049725		0,11	37,37	16,02	23,78	9,42	6,57	1,63	0,08	0,08	2,95	0,19	0,024	0,01	<0,01	0,84
1049726		4,43	14,48	2,87	60,16	4,09	6,10	0,08	0,02	0,04	12,10	0,34	0,015	0,01	<0,01	-1,15
1049727		4,04	10,30	2,93	66,12	2,58	5,18	0,06	0,02	0,04	14,14	0,35	0,015	0,01	<0,01	-1,47
1049728		4,09	12,32	2,87	63,04	3,48	5,73	0,08	0,02	0,04	13,36	0,36	0,016	0,02	<0,01	-1,33
1049729		4,28	3,73	2,97	73,24	0,41	4,08	0,04	0,01	0,04	15,92	0,36	0,014	0,01	<0,01	-1,74
1049730		3,74	10,77	3,04	62,06	2,04	5,70	0,06	0,02	0,04	15,10	0,40	0,017	0,01	<0,01	-0,11
1049731		3,83	12,59	3,01	62,02	2,43	5,36	0,15	0,03	0,04	13,50	0,35	0,015	0,01	<0,01	-0,39
1049732		4,33	9,04	2,88	66,86	1,79	4,52	0,06	0,01	0,04	14,61	0,35	0,014	0,01	<0,01	-1,15
1049733		3,89	13,24	2,82	62,45	3,31	5,78	0,09	0,02	0,05	12,83	0,35	0,015	0,01	<0,01	-0,74
1049734		4,14	13,31	2,92	61,51	3,05	6,38	0,08	0,02	0,04	12,91	0,36	0,015	0,02	<0,01	-0,73
1049735		4,29	3,66	2,88	73,24	0,11	3,84	0,06	0,01	0,04	16,10	0,39	0,014	0,01	<0,01	-1,53
1049736		4,31	6,93	2,61	68,68	0,22	5,85	0,03	0,01	0,03	14,76	0,41	0,014	0,01	<0,01	-0,43
1049737		3,51	17,05	1,93	55,86	0,58	12,13	0,02	0,01	0,05	8,73	0,37	0,016	0,01	<0,01	1,87
1049738		3,82	13,69	1,98	61,95	0,12	10,51	0,03	0,01	0,05	10,01	0,36	0,016	0,01	<0,01	1,21
1049739		2,98	8,64	2,58	68,50	0,24	7,02	0,04	0,01	0,06	12,85	0,36	0,015	0,02	<0,01	-0,66
1049740		3,89	16,42	2,07	58,58	0,95	10,47	0,04	0,01	0,04	9,38	0,37	0,015	0,01	<0,01	0,41
1049741		3,93	17,04	2,22	57,93	2,06	9,62	0,04	0,01	0,05	9,32	0,38	0,016	0,01	<0,01	0,09
1049742		3,45	27,15	2,19	45,15	4,53	11,74	0,10	0,02	0,03	6,15	0,35	0,019	0,01	<0,01	1,38



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Page: 3 - B  
Nombre total de pages: 4 (A - B)  
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Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10078063

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-ICP61	ME-ICP61
		Total %	V %	Au ppm	Pt ppm	Pd ppm	Cu ppm	Ni ppm
1049703		99.46	0.25				1	1
1049704		99.93	0.25					
1049705		98.77	0.28					
1049706		98.89	0.27					
1049707		98.89	0.17					
1049708		98.82	0.24					
1049709		98.68	0.13					
1049710		98.93	0.12					
1049711		99.00	0.30					
1049712		99.68	0.28					
1049713		98.70	0.15					
1049714		98.93	0.38					
1049715		99.81	0.03					
1049716		99.68	0.03					
1049717		99.33	0.03					
1049718		99.01	0.03					
1049719		100.15	0.32					
1049720		98.93	0.37	0.007	<0.005	0.001	883	317
1049721		98.82	0.36					
1049722		99.06	0.33					
1049723		100.25	0.34					
1049724		99.09	0.36					
1049725		98.97	0.16					
1049726		99.14	0.33					
1049727		100.30	0.36					
1049728		99.99	0.32					
1049729		99.09	0.39					
1049730		99.14	0.35					
1049731		99.11	0.35					
1049732		99.04	0.37					
1049733		100.25	0.31					
1049734		99.87	0.31					
1049735		98.83	0.38					
1049736		99.13	0.29					
1049737		98.63	0.24					
1049738		99.94	0.34					
1049739		99.86	0.45					
1049740		98.77	0.34					
1049741		98.77	0.36					
1049742		98.82	0.22					



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Page: 4 - A  
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Finalisée date: 29-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10078063

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
1049743		3.60	29.81	1.73	42.74	4.34	14.48	0.09	0.01	0.02	4.66	0.40	0.020	0.01	<0.01	1.69
1049744		3.45	27.02	1.85	45.49	4.38	14.12	0.07	0.01	0.03	5.30	0.40	0.017	0.01	<0.01	1.20
1049745		3.49	26.61	9.68	41.53	4.59	7.55	0.70	0.13	0.07	6.31	0.30	0.031	0.02	<0.01	1.25
1049746		3.28	32.94	14.71	29.40	8.11	4.73	1.43	0.19	0.08	4.93	0.26	0.022	0.02	<0.01	1.70



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Page: 4 - B  
Nombre total de pages: 4 (A - B)  
Finalisée date: 29-JUIN-2010  
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## CERTIFICAT D'ANALYSE VO10078063

Description échantillon	Méthode élément unités L.D.	ME-XRF08	V-XRF10	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-ICP61	ME-ICP61
		Total	V	Au	Pt	Pd	Cu	Ni
		%	%	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.001	0.005	0.001	1	1
1049743		100.00	0.17					
1049744		99.90	0.19					
1049745		98.76	0.25					
1049746		98.52	0.18					





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Compte: PET

## CERTIFICAT VO10078626

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16-JUIN-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
PUL-21	Pulvériser échantillon entier
BAG-01	Entreposage pulp de ref.

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50 g FA fini AA	AAS

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

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Page: 2 - A  
Nombre total de pages: 2 (A)  
Finalisée date: 30-JUIN-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10078626

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA24
		Poids reçu kg 0.02	Au ppm 0.005
1049815		0.86	<0.005
1049816		1.12	<0.005
1049817		1.04	<0.005
1049818		1.09	<0.005
1049826		1.61	<0.005
1049827		1.25	0.083
1049828		2.34	<0.005
1049829		1.12	0.777
1049830		1.65	<0.005



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Page: 1  
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## CERTIFICAT VO10079524

Projet: IT  
Bon de commande #:  
Ce rapport s'applique à 1 échantillon de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18-JUIN-2010.  
Les résultats sont transmis à:

CHRISTIAN DEROSIER	DON FORAN	ROGER MOAR
--------------------	-----------	------------

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
PUL-21	Pulvériser échantillon entier

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50 g FA fini AA	AAS

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
SUITE 1600  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Nombre total de pages: 2 (A)

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## CERTIFICAT D'ANALYSE VO10079524

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA24 Au ppm 0.005
1049990		1.83	<0.005



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Page: 1  
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## CERTIFICAT VO10081635

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 130 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-JUIN-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF

À: APELLA RESOURCES INC.  
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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

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## CERTIFICAT D'ANALYSE VO10081635

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
H644001		2.09	36.72	9.02	28.68	7.37	10.61	0.81	0.18	0.02	3.25	0.32	0.023	0.02	<0.01	2.38
H644002		3.04	43.99	17.87	15.37	11.30	4.81	2.32	0.14	0.04	2.10	0.16	0.031	0.02	<0.01	0.72
H644004		3.33	32.87	2.33	37.75	2.56	16.18	0.14	0.03	0.02	2.59	0.40	0.026	0.01	<0.01	3.74
H644005		3.48	26.88	1.41	46.64	1.00	16.62	0.04	0.01	0.03	3.96	0.41	0.026	0.01	<0.01	1.42
H644006		3.97	20.91	1.63	53.66	1.00	13.81	0.04	0.02	0.04	6.53	0.40	0.025	0.01	<0.01	0.35
H644007		3.42	29.08	2.14	43.24	5.13	12.58	0.19	0.08	0.03	5.70	0.39	0.020	0.01	<0.01	0.96
H644008		3.65	31.08	1.89	41.76	4.76	15.39	0.17	0.03	0.02	4.05	0.40	0.035	0.01	<0.01	0.38
H644009		3.12	37.93	6.15	29.83	8.14	13.62	0.51	0.11	0.02	2.32	0.33	0.025	0.02	<0.01	1.16
H644010		3.74	30.18	4.19	39.96	6.20	12.29	0.37	0.06	0.02	4.99	0.35	0.020	0.01	<0.01	0.06
H644011		3.30	35.40	7.90	30.80	7.40	10.95	0.84	0.20	0.02	3.40	0.30	0.019	0.02	<0.01	1.49
H644012		3.78	25.89	2.58	47.28	4.45	12.50	0.20	0.03	0.04	6.43	0.38	0.020	0.01	<0.01	-0.14
H644013		3.63	34.88	3.61	34.57	10.38	10.98	0.31	0.03	0.03	4.95	0.34	0.018	0.01	<0.01	-0.26
H644014		3.34	34.14	3.61	35.36	9.94	10.50	0.31	0.03	0.03	5.17	0.34	0.018	0.01	<0.01	-0.82
H644015		3.37	32.56	3.64	37.16	9.66	10.26	0.32	0.03	0.04	5.78	0.34	0.018	0.01	<0.01	-0.92
H644016		2.95	30.13	2.83	40.30	8.13	10.50	0.23	0.03	0.06	5.99	0.35	0.018	0.01	<0.01	0.05
H644017		3.32	35.40	11.01	29.86	8.79	7.18	1.27	0.12	0.06	4.43	0.25	0.024	0.02	<0.01	0.30
H644018		3.09	37.54	18.01	24.22	8.99	3.90	2.35	0.20	0.06	3.73	0.18	0.038	0.03	<0.01	0.96
H644019		1.99	38.27	21.19	19.63	10.15	2.62	2.04	0.22	0.06	3.12	0.16	0.057	0.03	<0.01	1.76
H644020		4.01	17.52	2.18	59.29	0.89	11.55	0.05	0.01	0.08	8.78	0.40	0.027	0.02	<0.01	-0.64
H644021		4.09	11.84	2.93	66.09	0.80	8.25	0.05	0.01	0.07	10.94	0.38	0.015	0.01	<0.01	-1.28
H644022		3.93	19.14	2.74	55.18	4.11	8.96	0.10	0.01	0.04	8.43	0.36	0.017	0.01	<0.01	-0.49
H644023		3.58	25.54	3.76	47.20	7.79	7.97	0.24	0.02	0.03	7.73	0.33	0.015	0.01	<0.01	-0.86
H644024		2.10	32.66	4.61	38.39	8.99	9.37	0.42	0.02	0.03	5.43	0.33	0.015	0.01	<0.01	-0.57
H644025		0.11	37.34	16.02	23.80	9.42	6.54	1.61	0.08	0.08	2.95	0.19	0.025	0.02	<0.01	0.79
H644026		2.17	32.76	6.30	36.58	8.62	8.59	0.59	0.03	0.03	5.46	0.31	0.015	0.01	<0.01	-0.52
H644027		2.42	38.31	9.45	27.14	9.92	8.21	0.95	0.10	0.02	3.82	0.26	0.016	0.01	<0.01	0.48
H644028		2.80	36.19	7.33	30.92	9.59	8.39	0.86	0.14	0.03	4.75	0.28	0.016	0.01	<0.01	0.15
H644029		3.13	42.92	13.43	19.00	11.44	7.21	1.83	0.18	0.02	2.16	0.22	0.016	0.02	<0.01	1.02
H644030		3.15	42.81	10.24	20.89	11.54	8.55	1.44	0.16	0.02	2.22	0.24	0.016	0.02	<0.01	0.84
H644031		3.04	36.53	9.22	26.53	9.76	7.17	1.25	0.11	0.02	3.85	0.25	0.017	0.02	<0.01	4.77
H644032		3.02	41.70	11.28	22.67	10.38	7.09	1.69	0.15	0.02	3.11	0.24	0.021	0.02	<0.01	0.55
H644033		3.25	43.47	12.63	19.73	10.58	6.79	2.01	0.13	0.02	2.47	0.22	0.025	0.02	<0.01	0.77
H644034		3.02	45.53	12.87	17.32	11.67	7.86	1.63	0.13	0.02	1.73	0.23	0.018	0.02	<0.01	1.02
H644035		2.99	44.74	16.52	16.00	11.19	5.46	2.38	0.22	0.01	1.89	0.19	0.027	0.03	<0.01	1.38
H644036		1.95	41.26	9.73	22.90	11.10	8.32	0.94	0.08	0.02	2.87	0.27	0.016	0.02	<0.01	1.26
H644037		3.06	31.98	6.02	37.28	9.26	8.01	0.56	0.03	0.03	5.92	0.30	0.015	0.01	<0.01	-0.49
H644038		3.37	28.66	4.12	43.73	7.64	8.84	0.26	0.02	0.03	7.07	0.34	0.014	0.01	<0.01	-0.73
H644039		3.49	37.39	6.59	27.71	11.72	8.84	0.63	0.11	0.02	3.88	0.29	0.016	0.01	<0.01	1.73
H644040		3.11	39.38	8.89	26.91	11.02	8.24	0.95	0.12	0.02	3.69	0.27	0.015	0.02	<0.01	0.49
H644041		3.41	39.25	9.29	25.74	12.16	8.24	0.85	0.08	0.02	3.50	0.26	0.016	0.02	<0.01	0.61



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Page: 2 - B  
Nombre total de pages: 5 (A - B)  
Finalisée date: 8-JUIL-2010  
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Projet: IT

## CERTIFICAT D'ANALYSE VO10081635

Description échantillon	Méthode élément unités L.D.	ME-XRF08	V-XRF10
		Total %	V %
H644001		99.40	0.14
H644002		98.87	0.09
H644004		98.65	0.11
H644005		98.46	0.16
H644006		98.42	0.24
H644007		99.54	0.17
H644008		99.98	0.14
H644009		100.15	0.08
H644010		98.71	0.15
H644011		98.73	0.11
H644012		99.67	0.21
H644013		99.85	0.17
H644014		98.64	0.18
H644015		98.89	0.20
H644016		98.62	0.21
H644017		98.71	0.16
H644018		100.20	0.13
H644019		99.30	0.11
H644020		100.15	0.35
H644021		100.10	0.52
H644022		98.60	0.37
H644023		99.77	0.30
H644024		99.70	0.22
H644025		98.87	0.16
H644026		98.77	0.22
H644027		98.69	0.16
H644028		98.64	0.19
H644029		99.46	0.09
H644030		98.98	0.10
H644031		99.49	0.17
H644032		98.91	0.13
H644033		98.85	0.11
H644034		100.05	0.08
H644035		100.05	0.08
H644036		98.77	0.11
H644037		98.93	0.22
H644038		100.00	0.26
H644039		98.94	0.16
H644040		100.00	0.15
H644041		100.05	0.16



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Page: 3 - A

Nombre total de pages: 5 (A - B)

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## CERTIFICAT D'ANALYSE VO10081635

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
H644042		3.03	38.82	10.06	25.46	11.80	7.22	0.93	0.08	0.02	3.65	0.24	0.019	0.02	<0.01	0.64
H644043		3.51	35.15	9.48	30.12	10.54	6.86	1.03	0.11	0.03	4.91	0.25	0.015	0.02	<0.01	0.30
H644044		2.82	35.35	7.76	31.28	10.38	7.84	0.86	0.12	0.03	4.95	0.28	0.015	0.01	<0.01	0.11
H644045		3.12	34.58	7.76	32.78	10.29	7.66	0.70	0.07	0.03	5.35	0.28	0.015	0.02	<0.01	0.03
H644046		3.08	41.94	11.17	21.64	11.49	7.55	1.34	0.11	0.02	2.93	0.24	0.016	0.02	<0.01	0.52
H644047		3.08	43.88	11.57	19.25	11.69	7.93	1.38	0.12	0.02	2.31	0.24	0.016	0.02	<0.01	0.67
H644048		2.34	44.23	14.00	17.22	11.61	6.62	1.74	0.16	0.01	2.11	0.21	0.017	0.02	<0.01	1.00
H644049		2.05	45.07	10.61	18.44	11.80	8.74	1.28	0.13	0.02	1.86	0.26	0.016	0.02	<0.01	0.78
H644050		0.12	28.33	5.52	42.49	7.18	7.61	0.62	0.08	0.03	7.43	0.32	0.023	0.01	<0.01	-0.01
H644051		3.42	36.46	3.31	34.81	9.10	11.21	0.27	0.01	0.03	4.82	0.37	0.017	0.01	<0.01	-1.12
H644052		3.27	40.61	10.44	25.71	10.23	8.20	1.19	0.05	0.03	3.44	0.27	0.017	0.02	<0.01	-0.13
H644053		3.64	29.81	8.26	39.83	7.40	7.32	0.68	0.05	0.04	6.47	0.29	0.016	0.02	<0.01	-0.11
H644054		3.09	43.47	10.08	20.30	12.41	9.35	1.10	0.04	0.02	2.19	0.26	0.015	0.02	<0.01	0.73
H644055		3.42	38.69	10.56	25.58	11.23	7.23	1.00	0.07	0.02	3.85	0.25	0.015	0.02	<0.01	0.70
H644056		3.38	36.70	11.21	28.08	9.67	6.15	1.45	0.17	0.03	4.55	0.23	0.018	0.02	<0.01	0.19
H644057		3.36	38.59	10.60	26.48	10.51	7.40	1.12	0.09	0.03	3.92	0.25	0.019	0.02	<0.01	0.60
H644058		3.00	44.32	12.39	18.52	11.38	7.89	1.47	0.08	0.02	2.06	0.23	0.020	0.02	<0.01	0.59
H644059		2.63	30.55	8.94	37.56	7.88	6.49	0.98	0.08	0.04	6.16	0.26	0.016	0.02	<0.01	-0.22
H644060		3.09	45.98	17.92	12.30	12.39	5.17	2.18	0.12	0.01	1.05	0.15	0.020	0.02	<0.01	1.45
H644061		3.40	45.62	19.33	12.31	11.89	4.78	2.41	0.17	0.02	1.27	0.14	0.027	0.02	<0.01	0.95
H644062		3.40	45.25	22.98	12.45	10.96	3.05	2.94	0.19	0.03	1.59	0.11	0.028	0.03	<0.01	0.58
H644063		4.05	43.33	13.01	17.76	12.26	8.45	1.27	0.10	0.02	1.63	0.22	0.020	0.02	<0.01	1.10
H644064		3.71	42.52	11.55	20.17	12.45	8.67	1.19	0.09	0.01	2.15	0.23	0.021	0.02	<0.01	0.85
H644065		3.50	46.28	11.82	15.33	14.37	9.21	1.26	0.04	0.01	1.26	0.23	0.019	0.02	<0.01	0.26
H644066		3.44	45.14	15.86	14.95	11.71	8.51	1.77	0.07	0.01	0.92	0.21	0.017	0.02	<0.01	0.97
H644067		2.84	43.33	14.44	18.77	11.72	6.55	1.65	0.05	0.02	2.27	0.20	0.030	0.02	<0.01	-0.13
H644068		3.56	42.51	15.62	18.77	10.32	7.38	1.74	0.10	0.01	1.78	0.20	0.029	0.02	<0.01	1.41
H644069		3.62	45.00	20.80	12.22	11.04	4.68	2.51	0.17	0.01	1.01	0.14	0.036	0.02	<0.01	1.46
H644070		3.42	46.27	22.33	10.06	12.36	3.39	2.64	0.12	0.02	1.12	0.11	0.032	0.03	<0.01	0.81
H644071		2.36	47.14	23.41	8.71	12.52	3.15	2.76	0.08	0.01	0.88	0.10	0.030	0.03	<0.01	0.66
H644072		2.18	47.74	22.69	9.02	12.25	3.42	2.89	0.18	0.01	0.88	0.11	0.036	0.03	<0.01	0.96
H644073		1.87	55.49	14.32	12.82	7.27	3.20	3.13	0.51	0.01	1.68	0.18	0.236	0.03	0.01	0.27
H644074		2.71	47.29	23.18	7.04	12.16	3.18	3.15	0.42	0.01	0.50	0.09	0.033	0.03	<0.01	2.49
H644075		0.11	16.63	5.81	56.20	3.42	4.72	0.46	0.08	0.04	11.42	0.30	0.024	0.01	<0.01	0.39
H644076		1.96	38.46	7.76	26.80	10.83	9.94	0.61	0.09	0.04	3.19	0.30	0.017	0.01	<0.01	0.98
H644077		3.09	46.34	19.84	11.10	12.00	4.91	2.68	0.26	0.01	1.02	0.14	0.023	0.03	<0.01	1.47
H644078		2.97	44.00	21.35	10.88	12.16	5.38	2.78	0.36	0.02	0.89	0.13	0.018	0.03	<0.01	2.05
H644079		3.04	38.22	10.96	24.27	10.23	9.26	0.83	0.11	0.05	2.47	0.24	0.018	0.02	<0.01	1.88
H644080		3.27	26.57	7.31	41.44	3.97	11.36	0.18	0.02	0.08	4.35	0.32	0.018	0.01	<0.01	2.88
H644081		3.35	37.58	10.44	26.91	9.56	8.89	1.13	0.18	0.04	2.89	0.25	0.017	0.02	<0.01	1.63





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Page: 3 - B  
Nombre total de pages: 5 (A - B)  
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## CERTIFICAT D'ANALYSE VO10081635

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
		0.01	0.01
H644042		98.96	0.16
H644043		98.81	0.20
H644044		98.97	0.19
H644045		99.55	0.20
H644046		98.98	0.12
H644047		99.09	0.10
H644048		98.95	0.09
H644049		99.01	0.09
H644050		99.63	0.24
H644051		99.29	0.20
H644052		100.05	0.14
H644053		100.05	0.27
H644054		99.99	0.10
H644055		99.21	0.15
H644056		98.46	0.18
H644057		99.62	0.16
H644058		98.99	0.09
H644059		98.75	0.26
H644060		98.76	0.05
H644061		98.94	0.06
H644062		100.20	0.07
H644063		99.19	0.08
H644064		99.92	0.10
H644065		100.10	0.07
H644066		100.15	0.05
H644067		98.92	0.11
H644068		99.89	0.08
H644069		99.10	0.05
H644070		99.28	0.05
H644071		99.48	0.05
H644072		100.20	0.04
H644073		99.15	0.03
H644074		99.57	0.04
H644075		99.51	0.35
H644076		99.03	0.18
H644077		99.83	0.06
H644078		100.05	0.06
H644079		98.55	0.14
H644080		98.50	0.25
H644081		99.54	0.17



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Page: 4 - A

Nombre total de pages: 5 (A - B)

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Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
H644082		3.01	43.75	15.88	15.68	10.44	6.53	1.96	0.56	0.02	1.44	0.19	0.020	0.03	<0.01	2.19
H644083		3.05	44.09	16.97	14.98	11.11	5.79	1.95	0.55	0.02	1.56	0.17	0.028	0.03	<0.01	1.65
H644084		3.14	41.58	5.70	23.42	12.39	11.87	0.51	0.07	0.02	1.98	0.28	0.021	0.01	<0.01	1.05
H644085		3.54	34.50	2.79	35.61	11.17	10.87	0.17	0.01	0.03	4.22	0.31	0.018	0.01	<0.01	0.09
H644086		3.61	31.31	3.51	37.76	9.11	10.40	0.13	0.01	0.03	4.67	0.29	0.015	0.01	<0.01	0.97
H644087		3.49	35.34	2.96	33.26	11.28	10.84	0.16	0.01	0.02	3.71	0.27	0.016	0.01	<0.01	0.70
H644088		3.63	27.92	3.34	43.52	9.01	9.25	0.13	0.01	0.03	5.90	0.32	0.014	0.01	<0.01	0.50
H644089		3.17	31.02	5.45	36.57	8.60	10.53	0.24	0.04	0.03	4.53	0.30	0.015	0.01	<0.01	1.37
H644090		2.98	46.05	22.50	8.09	10.81	3.82	2.84	0.89	<0.01	0.65	0.10	0.026	0.03	<0.01	3.07
H644091		2.43	46.80	22.42	8.71	10.32	3.65	2.95	1.16	0.01	0.73	0.11	0.029	0.04	0.01	3.09
H644092		3.44	43.13	18.19	14.75	10.52	5.95	2.09	0.65	0.01	1.52	0.19	0.021	0.03	<0.01	2.62
H644093		2.84	47.10	22.88	7.44	10.28	3.30	3.28	1.06	<0.01	0.70	0.10	0.024	0.04	0.01	2.94
H644094		3.62	44.46	19.25	12.12	12.12	4.96	2.13	0.54	0.01	1.23	0.15	0.021	0.03	<0.01	2.28
H644095		3.46	46.33	21.04	9.56	10.97	3.37	3.50	0.31	0.01	0.98	0.10	0.024	0.04	<0.01	2.99
H644096		3.55	43.91	19.53	13.74	11.36	4.72	2.38	0.50	0.01	1.49	0.14	0.023	0.03	<0.01	2.19
H644097		3.62	42.66	18.89	14.99	11.73	4.30	2.19	0.51	0.01	1.82	0.14	0.021	0.03	<0.01	2.04
H644098		3.58	43.14	18.99	15.36	11.70	4.08	2.20	0.59	0.01	1.81	0.14	0.021	0.03	<0.01	2.15
H644099		3.51	46.00	22.98	8.37	12.40	3.12	2.83	0.74	0.01	0.87	0.10	0.022	0.03	<0.01	2.54
H644100		0.72	71.75	14.94	1.62	2.01	0.72	5.45	1.56	0.01	0.10	0.03	0.052	0.04	0.06	0.56
H644101		3.55	46.34	22.31	8.32	12.44	3.13	2.86	0.78	0.01	0.89	0.10	0.023	0.03	0.01	3.00
H644102		3.89	40.68	16.54	18.95	11.55	4.94	1.84	0.47	0.02	2.50	0.17	0.018	0.03	<0.01	1.93
H644103		3.85	44.43	18.32	12.77	12.54	4.86	1.98	0.57	0.01	1.41	0.14	0.018	0.03	<0.01	2.13
H644104		3.55	45.49	21.53	9.59	12.40	3.37	2.37	0.96	0.01	1.08	0.10	0.020	0.03	0.01	2.48
H644105		3.57	40.69	17.78	17.75	11.52	4.34	1.80	1.09	0.02	2.29	0.16	0.017	0.03	0.01	2.60
H644106		3.78	40.97	14.97	20.27	9.98	5.66	1.91	0.76	0.02	2.60	0.21	0.047	0.03	0.01	1.74
H644107		3.54	33.34	13.08	19.69	10.86	7.74	1.74	0.73	0.02	2.76	0.16	0.018	0.02	0.01	9.36
H644108		2.41	43.01	21.73	14.41	10.80	4.12	2.31	0.21	0.08	1.68	0.13	0.019	0.03	<0.01	1.38
H644109		3.00	26.24	9.61	40.15	4.51	9.29	0.41	0.05	0.32	4.95	0.27	0.018	0.01	<0.01	2.20
H644110		3.03	38.79	18.00	19.95	9.08	6.59	1.46	0.20	0.11	1.98	0.16	0.026	0.02	<0.01	2.50
H644111		2.95	38.38	18.62	19.61	9.05	5.83	1.61	0.38	0.12	2.15	0.16	0.021	0.02	<0.01	2.77
H644112		2.90	47.47	25.95	6.37	12.25	2.51	3.03	0.11	0.01	0.34	0.07	0.029	0.03	<0.01	1.28
H644113		3.10	40.66	19.30	19.02	10.34	4.28	1.98	0.11	0.11	2.50	0.15	0.064	0.02	<0.01	1.39
H644114		2.95	40.54	19.73	18.21	9.67	5.40	2.08	0.12	0.09	1.83	0.16	0.037	0.02	<0.01	1.25
H644115		3.11	40.47	15.79	21.04	8.89	8.64	1.37	0.08	0.07	1.39	0.21	0.031	0.02	<0.01	2.03
H644116		3.11	31.30	13.42	33.13	7.23	7.62	1.04	0.06	0.26	4.25	0.24	0.033	0.02	<0.01	1.31
H644117		3.16	40.88	16.55	19.88	8.55	9.25	1.52	0.08	0.05	0.97	0.20	0.022	0.02	<0.01	1.96
H644118		3.33	42.47	17.29	16.94	9.89	7.79	1.60	0.09	0.04	0.85	0.19	0.028	0.02	<0.01	2.35
H644119		3.13	39.26	14.89	21.77	7.90	10.15	1.04	0.06	0.07	1.30	0.23	0.023	0.02	<0.01	2.12
H644120		2.95	41.54	20.23	16.69	9.77	6.45	1.85	0.07	0.05	1.03	0.16	0.022	0.02	<0.01	1.03
H644121		2.88	42.38	20.13	15.70	10.14	6.40	1.91	0.07	0.06	1.06	0.16	0.025	0.02	<0.01	0.68



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Page: 4 - B  
Nombre total de pages: 5 (A - B)  
Finalisée date: 8-JUIL-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10081635

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
H644082		98.69	0.08
H644083		98.90	0.09
H644084		98.90	0.13
H644085		99.79	0.27
H644086		98.21	0.29
H644087		98.58	0.24
H644088		99.96	0.38
H644089		98.69	0.27
H644090		98.89	0.04
H644091		100.00	0.05
H644092		99.68	0.09
H644093		99.15	0.04
H644094		99.30	0.07
H644095		99.22	0.05
H644096		100.05	0.09
H644097		99.33	0.11
H644098		100.25	0.11
H644099		100.00	0.05
H644100		98.90	<0.01
H644101		100.25	0.05
H644102		99.63	0.14
H644103		99.20	0.08
H644104		99.44	0.06
H644105		100.10	0.13
H644106		99.17	0.15
H644107		99.53	0.16
H644108		99.91	0.09
H644109		98.02	0.27
H644110		98.87	0.11
H644111		98.72	0.12
H644112		99.45	0.02
H644113		99.93	0.10
H644114		99.14	0.08
H644115		100.05	0.07
H644116		99.92	0.20
H644117		99.94	0.05
H644118		99.65	0.05
H644119		98.83	0.07
H644120		98.91	0.06
H644121		98.73	0.06



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Page: 5 - A

Nombre total de pages: 5 (A - B)

Finalisée date: 8-JUIL-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10081635

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cl2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
H644122		3.07	41.98	19.80	16.23	10.01	6.43	1.89	0.09	0.06	1.16	0.16	0.029	0.02	<0.01	1.00
H644123		3.06	42.30	19.01	17.34	10.07	7.20	1.85	0.09	0.07	1.20	0.18	0.024	0.02	<0.01	0.65
H644124		2.89	41.49	20.99	16.56	10.29	5.45	1.99	0.10	0.09	1.54	0.14	0.024	0.02	<0.01	0.62
H644125		0.16	37.25	16.02	23.80	9.42	6.56	1.62	0.08	0.08	2.95	0.19	0.025	0.02	<0.01	0.78
H644126		3.00	40.23	19.27	18.63	9.93	6.14	1.93	0.15	0.08	1.76	0.17	0.030	0.02	<0.01	1.31
H644127		2.04	41.54	18.68	17.06	10.13	7.13	1.82	0.22	0.05	1.22	0.18	0.028	0.02	<0.01	1.83
H644128		2.91	46.42	24.16	7.75	11.77	2.61	2.89	0.21	0.02	0.81	0.09	0.033	0.03	0.02	2.33
H644129		2.65	44.40	21.19	12.32	11.19	4.71	2.21	0.21	0.03	1.09	0.13	0.030	0.02	<0.01	1.64
H644130		2.44	35.06	17.46	26.62	8.77	4.73	1.54	0.15	0.16	3.69	0.18	0.026	0.02	<0.01	1.34
H644131		2.90	45.76	21.64	10.11	12.63	4.33	2.40	0.19	0.03	0.65	0.12	0.048	0.02	<0.01	2.11



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Page: 5 - B  
Nombre total de pages: 5 (A - B)  
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## CERTIFICAT D'ANALYSE VO10081635

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total	V
		%	%
		0.01	0.01
H644122		98.86	0.06
H644123		100.00	0.06
H644124		99.30	0.08
H644125		98.80	0.15
H644126		99.65	0.08
H644127		99.91	0.06
H644128		99.14	0.04
H644129		99.18	0.05
H644130		99.75	0.17
H644131		100.05	0.04



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Page: 1  
Finalisée date: 12-JUIL-2010  
Compte: PET

## CERTIFICAT VO10079523

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 169 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18-JUIN-2010.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V-XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

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Page: 2 - A

Nombre total de pages: 6 (A - B)

Finalisée date: 12-JUIL-2010

Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément unités L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cl2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
1049831		2.94	44.46	19.55	13.86	10.41	4.38	2.69	0.45	0.03	1.65	0.15	0.041	0.03	<0.01	1.92
1049832		2.93	43.55	22.62	12.66	10.95	2.84	3.08	0.56	0.03	1.78	0.12	0.049	0.03	<0.01	1.61
1049833		3.02	43.75	15.99	15.10	11.29	6.02	2.36	0.30	0.02	1.68	0.18	0.031	0.02	<0.01	1.61
1049834		2.70	52.73	14.92	11.90	5.74	3.55	4.72	0.28	0.01	1.45	0.16	0.129	0.02	<0.01	3.18
1049835		2.70	53.34	14.07	13.47	5.90	3.49	4.10	0.35	0.01	1.66	0.18	0.208	0.02	<0.01	1.71
1049836		3.33	29.06	4.10	38.60	7.92	9.71	0.18	0.07	0.03	6.17	0.33	0.020	0.01	<0.01	3.12
1049837		2.98	32.36	3.81	35.92	7.51	11.64	0.15	0.08	0.03	4.25	0.30	0.020	0.01	<0.01	4.07
1049838		3.49	24.74	3.12	45.50	5.03	11.12	0.07	0.03	0.04	6.01	0.33	0.018	0.01	<0.01	3.15
1049839		3.24	33.40	5.65	34.68	6.40	10.01	0.82	0.09	0.03	4.14	0.35	0.018	0.01	<0.01	2.57
1049840		3.26	31.46	4.17	38.23	7.02	10.07	0.27	0.09	0.03	5.27	0.35	0.016	0.01	<0.01	1.66
1049841		3.37	39.98	6.91	26.71	9.10	9.12	1.77	0.12	0.02	3.40	0.27	0.016	0.02	<0.01	1.19
1049842		3.35	36.12	4.92	32.04	9.78	10.33	0.53	0.07	0.03	4.29	0.31	0.022	0.01	<0.01	0.73
1049843		3.50	33.43	3.22	36.69	9.55	10.86	0.25	0.03	0.03	5.24	0.35	0.018	0.01	<0.01	0.11
1049844		3.45	34.78	3.64	35.68	9.06	10.23	0.36	0.10	0.03	5.04	0.34	0.026	0.01	<0.01	0.53
1049845		3.70	28.82	2.52	41.98	8.34	9.48	0.14	0.03	0.04	7.09	0.34	0.016	0.01	<0.01	-0.13
1049846		3.12	38.27	6.87	28.51	8.73	8.60	1.26	0.15	0.03	4.20	0.29	0.060	0.01	<0.01	1.41
1049847		3.71	27.07	3.59	44.38	7.45	7.88	0.56	0.07	0.04	7.84	0.32	0.021	0.01	<0.01	-0.33
1049848		2.86	28.32	7.22	41.18	6.89	7.03	0.45	0.13	0.04	6.75	0.31	0.056	0.02	<0.01	1.39
1049849		1.66	52.00	17.75	10.97	6.00	4.21	5.65	0.44	0.01	0.99	0.16	0.232	0.03	0.01	1.53
1049850		0.12	28.35	5.45	42.45	7.22	7.67	0.62	0.08	0.03	7.44	0.31	0.023	0.01	<0.01	-0.03
1049851		1.99	52.39	17.28	10.65	6.01	4.33	4.60	0.45	0.01	0.89	0.16	0.201	0.03	<0.01	1.60
1049852		3.41	25.04	1.99	48.28	2.03	13.03	0.06	0.02	0.04	6.36	0.36	0.018	0.01	<0.01	2.32
1049853		3.25	28.61	3.31	43.37	1.79	12.57	0.26	0.08	0.03	5.36	0.35	0.038	0.01	<0.01	2.46
1049854		1.98	23.74	2.29	50.76	0.62	13.01	0.04	0.07	0.04	6.57	0.35	0.018	0.01	<0.01	2.44
1049855		2.60	57.31	14.85	11.77	4.85	4.16	3.14	0.57	0.01	1.08	0.17	0.193	0.02	0.01	1.93
1049856		2.79	59.56	15.78	7.85	6.10	3.03	3.90	0.44	0.01	0.94	0.13	0.203	0.03	<0.01	0.91
1049857		3.28	59.98	15.99	7.32	5.99	2.64	3.81	0.57	0.01	0.79	0.11	0.201	0.03	0.01	1.00
1049858		3.54	60.32	15.41	6.31	5.88	4.58	4.52	0.52	0.02	0.62	0.10	0.146	0.04	0.01	1.51
1049859		3.33	60.01	16.40	7.62	6.61	2.58	3.87	0.59	0.01	0.84	0.11	0.219	0.03	0.01	1.00
1049860		1.98	60.59	16.34	7.90	6.42	2.50	3.74	0.50	0.01	0.85	0.11	0.224	0.03	0.01	0.66
1049861		3.12	33.31	6.09	35.56	7.79	7.83	0.63	0.10	0.02	6.43	0.29	0.037	0.01	<0.01	0.63
1049862		3.61	19.74	2.75	53.32	5.82	6.75	0.12	0.02	0.03	10.20	0.34	0.016	0.01	<0.01	-0.80
1049863		2.76	59.37	16.21	8.30	6.23	2.71	4.45	0.42	0.01	0.85	0.12	0.221	0.02	0.01	0.90
1049864		3.37	59.96	15.82	7.52	5.70	2.40	4.51	0.52	0.01	0.83	0.11	0.213	0.02	<0.01	1.04
1049865		2.92	58.54	16.20	8.31	6.51	2.57	5.10	0.40	0.01	0.83	0.11	0.217	0.03	0.01	0.99
1049866		3.44	32.24	5.62	37.40	9.10	8.26	0.45	0.10	0.02	6.01	0.31	0.016	0.02	<0.01	0.24
1049867		3.40	29.26	5.37	40.26	8.15	7.39	0.43	0.13	0.03	6.73	0.31	0.016	0.01	<0.01	0.12
1049868		3.91	24.51	4.42	47.53	6.68	7.16	0.31	0.06	0.04	8.30	0.32	0.015	0.01	<0.01	-0.68
1049869		3.67	23.49	3.50	49.86	5.80	7.82	0.22	0.02	0.04	8.44	0.34	0.015	0.01	<0.01	-0.70
1049870		3.96	28.49	5.24	42.72	7.33	8.22	0.48	0.10	0.03	7.02	0.33	0.015	0.02	<0.01	-0.10



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Page: 2 - B  
Nombre total de pages: 6 (A - B)  
Finalisée date: 12-JUIL-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1049831		99.62	0.07
1049832		99.88	0.07
1049833		98.36	0.08
1049834		98.79	0.04
1049835		98.51	0.03
1049836		99.31	0.17
1049837		100.15	0.14
1049838		99.17	0.22
1049839		98.16	0.15
1049840		98.65	0.18
1049841		98.63	0.13
1049842		99.19	0.16
1049843		99.78	0.18
1049844		99.83	0.17
1049845		98.67	0.23
1049846		98.39	0.13
1049847		98.90	0.24
1049848		98.78	0.20
1049849		99.99	0.02
1049850		99.63	0.25
1049851		98.60	0.03
1049852		99.55	0.25
1049853		98.23	0.20
1049854		99.95	0.24
1049855		100.05	0.03
1049856		98.89	0.02
1049857		98.45	0.02
1049858		99.98	0.02
1049859		99.90	0.02
1049860		99.88	0.02
1049861		98.73	0.19
1049862		98.31	0.31
1049863		99.82	0.02
1049864		98.65	0.02
1049865		99.82	0.02
1049866		99.78	0.21
1049867		98.20	0.23
1049868		98.68	0.27
1049869		98.87	0.28
1049870		99.89	0.24





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Page: 3 - A

Nombre total de pages: 6 (A - B)

Finalisée date: 12-JUIL-2010

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Projet: IT

## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément unités L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
1049871		4.06	21.47	3.86	51.92	6.38	6.98	0.26	0.04	0.03	9.56	0.33	0.015	0.02	<0.01	-0.96
1049872		3.85	29.23	6.73	39.54	8.66	6.83	0.65	0.06	0.03	6.47	0.28	0.014	0.01	<0.01	-0.15
1049873		3.50	34.36	8.23	31.79	10.41	7.19	0.69	0.09	0.03	4.70	0.27	0.015	0.02	<0.01	1.02
1049874		3.57	29.46	5.18	39.40	8.92	7.32	0.40	0.08	0.03	6.80	0.29	0.015	0.01	<0.01	0.48
1049875		0.11	16.55	5.80	56.17	3.36	4.72	0.47	0.08	0.04	11.41	0.30	0.024	0.01	<0.01	0.45
1049876		3.19	32.57	5.97	36.38	10.17	7.90	0.53	0.06	0.03	5.71	0.29	0.015	0.01	<0.01	0.05
1049877		3.80	31.77	5.95	37.24	9.52	7.54	0.50	0.12	0.03	6.25	0.30	0.016	0.01	<0.01	0.36
1049878		3.49	26.51	4.37	43.95	8.05	7.38	0.32	0.04	0.03	7.77	0.31	0.014	0.01	<0.01	-0.40
1049879		3.62	32.39	6.34	36.03	9.41	8.01	0.61	0.04	0.03	5.76	0.30	0.014	0.01	<0.01	-0.37
1049880		3.42	34.84	7.64	31.80	9.21	7.73	0.72	0.14	0.03	4.60	0.28	0.014	0.01	<0.01	1.69
1049881		4.35	17.83	5.36	54.88	4.30	5.17	0.43	0.11	0.04	10.53	0.30	0.014	0.01	<0.01	-0.52
1049882		3.33	32.07	10.31	34.67	9.19	6.47	1.12	0.13	0.03	5.85	0.26	0.015	0.02	<0.01	-0.24
1049883		3.20	39.77	9.77	26.28	10.90	8.19	1.07	0.08	0.02	3.45	0.26	0.014	0.02	<0.01	0.13
1049884		4.15	23.67	8.67	45.88	6.17	4.98	0.86	0.10	0.04	8.42	0.26	0.015	0.02	<0.01	-0.44
1049885		3.21	36.07	9.94	28.81	10.48	7.20	0.95	0.08	0.02	3.74	0.24	0.016	0.02	<0.01	0.76
1049886		2.98	40.26	13.77	21.43	11.20	5.89	1.59	0.08	0.02	3.14	0.20	0.016	0.02	<0.01	0.81
1049887		3.37	34.86	9.26	32.39	10.43	7.30	0.99	0.03	0.03	5.01	0.26	0.015	0.02	<0.01	-0.56
1049888		3.23	40.75	14.33	22.01	11.90	6.13	1.62	0.04	0.03	3.26	0.20	0.017	0.02	<0.01	-0.41
1049889		3.11	41.67	15.46	20.39	10.28	6.96	1.80	0.04	0.03	2.26	0.20	0.020	0.02	<0.01	-0.62
1049890		1.59	44.88	20.63	13.14	11.11	4.83	2.44	0.07	0.03	1.22	0.14	0.022	0.02	<0.01	0.05
1049891		2.95	45.84	23.59	9.45	11.33	3.28	2.82	0.35	0.01	0.76	0.10	0.045	0.03	<0.01	1.63
1049892		2.85	46.73	23.11	9.04	11.15	2.64	3.03	0.55	0.02	0.94	0.10	0.033	0.03	0.01	1.78
1049893		2.80	45.09	21.73	10.94	12.59	3.90	2.48	0.36	0.02	1.07	0.12	0.021	0.03	0.01	1.60
1049894		3.08	60.34	17.10	6.78	7.27	2.27	3.20	1.53	0.01	0.64	0.08	0.022	0.02	0.03	0.81
1049895		3.00	46.47	20.79	10.57	12.03	3.71	2.43	0.38	0.02	1.08	0.12	0.021	0.02	<0.01	1.26
1049896		2.80	40.62	12.78	21.44	11.65	6.86	1.31	0.20	0.04	2.76	0.21	0.017	0.02	<0.01	0.94
1049897		2.90	45.58	17.44	14.81	11.44	3.60	2.06	0.15	0.03	1.99	0.14	0.023	0.02	<0.01	1.62
1049898		2.91	46.08	24.29	8.90	11.93	1.79	3.05	0.21	0.02	1.28	0.08	0.032	0.03	<0.01	1.30
1049899		3.10	45.15	12.27	16.83	12.60	8.11	1.26	0.17	0.03	1.60	0.23	0.017	0.02	<0.01	1.08
1049900		0.53	71.00	15.34	1.83	2.16	0.82	5.76	1.59	<0.01	0.13	0.04	0.051	0.04	0.05	0.61
1049901		3.01	45.17	9.56	18.26	11.95	9.68	1.05	0.11	0.02	1.50	0.26	0.017	0.02	<0.01	0.88
1049902		3.58	45.69	20.48	11.14	11.67	4.09	2.46	0.36	0.03	1.04	0.13	0.018	0.03	<0.01	1.82
1049903		2.91	46.31	16.36	11.68	13.24	6.97	1.98	0.31	0.02	0.82	0.18	0.017	0.03	0.01	1.99
1049904		3.04	46.46	16.95	12.09	12.29	6.59	1.90	0.28	0.02	0.91	0.17	0.019	0.02	0.01	1.18
1049905		2.98	46.35	19.42	10.57	11.78	4.80	2.47	0.56	0.02	0.95	0.14	0.020	0.03	0.02	2.02
1049906		2.87	47.62	22.48	7.84	11.81	2.43	3.52	0.35	0.01	0.96	0.10	0.045	0.03	<0.01	2.01
1049907		2.39	41.30	15.26	19.31	10.50	5.33	2.12	0.45	0.02	2.66	0.18	0.024	0.02	<0.01	1.68
1049908		2.90	45.59	18.34	13.03	11.89	4.25	2.76	0.24	0.01	1.77	0.15	0.021	0.03	<0.01	1.54
1049909		2.99	43.40	16.41	18.03	10.86	4.85	2.46	0.23	0.01	2.56	0.19	0.030	0.02	<0.01	1.03
1049910		3.03	46.92	19.97	11.70	10.77	3.45	2.69	0.30	0.01	1.36	0.14	0.064	0.03	<0.01	1.58



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Page: 3 - B

Nombre total de pages: 6 (A - B)

Finalisée date: 12-JUIL-2010

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## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1049871		99.90	0.32
1049872		98.37	0.24
1049873		98.81	0.18
1049874		98.38	0.24
1049875		99.39	0.35
1049876		99.69	0.22
1049877		99.60	0.23
1049878		98.35	0.27
1049879		98.57	0.21
1049880		98.70	0.17
1049881		98.46	0.39
1049882		99.89	0.22
1049883		99.95	0.13
1049884		98.64	0.33
1049885		98.32	0.16
1049886		98.42	0.13
1049887		100.05	0.21
1049888		99.90	0.14
1049889		98.51	0.09
1049890		98.58	0.06
1049891		99.24	0.03
1049892		99.16	0.04
1049893		99.96	0.06
1049894		100.10	0.03
1049895		98.90	0.05
1049896		98.84	0.13
1049897		98.90	0.09
1049898		98.99	0.06
1049899		99.36	0.08
1049900		99.44	0.01
1049901		98.48	0.08
1049902		98.96	0.05
1049903		99.91	0.05
1049904		98.89	0.05
1049905		99.15	0.05
1049906		99.20	0.04
1049907		98.86	0.11
1049908		99.61	0.08
1049909		100.10	0.09
1049910		98.98	0.05



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Page: 4 - A

Nombre total de pages: 6 (A - B)

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## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
1049911		3.41	27.92	5.33	41.69	7.41	8.24	0.34	0.25	0.03	6.72	0.30	0.028	0.01	<0.01	0.61
1049912		2.87	46.68	22.38	10.66	10.15	2.28	3.17	0.51	0.01	0.62	0.11	0.084	0.03	<0.01	2.64
1049913		1.79	46.38	28.17	3.24	12.75	0.91	3.14	1.29	<0.01	0.16	0.04	0.031	0.03	0.01	3.57
1049914		2.39	46.00	22.90	10.40	10.31	2.06	3.38	0.42	0.01	0.98	0.11	0.064	0.03	0.01	3.23
1049915		3.38	46.76	21.26	11.18	10.25	2.98	3.40	0.41	0.01	1.28	0.14	0.059	0.03	<0.01	2.07
1049916		2.27	51.84	14.21	8.80	9.36	8.32	3.98	0.25	0.06	0.47	0.15	0.133	0.05	<0.01	1.20
1049917		2.58	47.16	21.85	9.25	10.66	2.47	3.69	0.54	0.01	1.17	0.11	0.050	0.03	<0.01	2.13
1049918		3.02	45.38	21.62	11.37	11.12	2.28	3.12	0.35	0.01	1.73	0.11	0.051	0.03	<0.01	1.81
1049919		3.09	40.23	13.45	20.52	11.82	5.56	1.71	0.30	0.02	3.13	0.22	0.028	0.02	<0.01	1.70
1049920		3.37	35.39	11.67	27.33	11.46	5.71	1.14	0.20	0.03	4.43	0.24	0.032	0.03	<0.01	1.61
1049921		3.29	40.10	13.99	20.29	11.86	5.74	1.86	0.25	0.02	2.75	0.21	0.035	0.02	<0.01	1.30
1049922		3.02	42.61	12.14	18.97	12.37	7.46	1.34	0.23	0.01	2.01	0.24	0.038	0.02	<0.01	1.38
1049923		3.39	41.09	12.81	20.21	12.38	6.84	1.24	0.19	0.01	2.48	0.23	0.035	0.02	<0.01	1.36
1049924		3.20	41.53	11.72	21.05	11.52	8.00	1.11	0.25	0.02	2.37	0.25	0.029	0.02	<0.01	1.11
1049925		0.14	37.31	16.05	23.70	9.41	6.57	1.61	0.08	0.07	2.98	0.18	0.025	0.02	<0.01	0.77
1049926		3.43	39.00	7.33	27.94	9.04	10.47	1.16	0.16	0.02	2.98	0.30	0.027	0.02	<0.01	1.55
1049927		3.24	34.06	5.74	33.00	7.57	10.83	0.26	0.06	0.03	4.01	0.34	0.021	0.01	<0.01	2.62
1049928		3.21	23.52	2.33	50.46	3.21	10.69	0.08	0.02	0.03	6.90	0.38	0.017	0.01	<0.01	1.11
1049929		3.56	26.47	2.45	46.38	5.30	10.23	0.19	0.09	0.02	6.27	0.37	0.017	0.01	<0.01	0.63
1049930		3.98	26.52	2.04	47.42	5.23	11.12	0.12	0.04	0.02	5.64	0.37	0.021	0.01	<0.01	1.03
1049931		3.60	27.02	2.32	46.22	5.90	10.99	0.14	0.03	0.03	6.18	0.36	0.022	0.01	<0.01	0.56
1049932		3.64	32.65	2.70	39.74	7.35	10.81	0.28	0.10	0.02	5.26	0.35	0.019	0.01	<0.01	0.46
1049933		3.44	27.58	2.56	44.96	6.00	11.12	0.15	0.02	0.04	5.98	0.35	0.019	0.01	<0.01	0.21
1049934		3.51	30.18	3.22	41.12	6.13	11.75	0.26	0.10	0.04	5.53	0.36	0.025	0.01	<0.01	0.87
1049935		3.76	33.07	2.10	38.65	7.60	12.74	0.16	0.02	0.04	4.37	0.35	0.028	0.01	<0.01	0.63
1049936		2.21	35.30	3.82	33.52	9.63	11.96	0.35	0.05	0.04	3.78	0.33	0.023	0.01	<0.01	0.37
1049937		2.89	41.26	18.10	17.88	10.27	4.82	2.22	0.48	0.02	2.31	0.18	0.035	0.03	<0.01	1.95
1049938		3.17	35.43	17.04	25.14	8.50	4.73	1.77	0.40	0.05	3.66	0.19	0.034	0.02	<0.01	1.40
1049939		3.34	33.72	14.49	29.38	7.49	6.48	1.36	0.15	0.05	4.02	0.22	0.029	0.02	<0.01	1.45
1049940		3.10	38.22	18.76	21.20	9.87	4.37	2.39	0.20	0.05	3.04	0.16	0.036	0.03	<0.01	1.42
1049941		3.17	37.23	19.53	21.71	10.25	2.85	2.31	0.17	0.10	3.77	0.15	0.039	0.03	<0.01	1.62
1049942		3.05	38.09	19.37	21.36	10.29	2.98	2.03	0.18	0.11	3.58	0.15	0.037	0.03	<0.01	0.76
1049943		3.20	35.87	15.78	24.28	8.96	5.33	1.78	0.27	0.11	3.31	0.20	0.032	0.02	<0.01	2.57
1049944		2.99	45.87	20.00	10.77	12.10	5.10	2.38	0.27	0.02	0.65	0.14	0.031	0.03	<0.01	2.57
1049945		3.11	46.26	19.04	10.96	11.36	3.86	3.14	0.35	0.01	1.46	0.12	0.024	0.03	<0.01	2.05
1049946		3.53	47.10	18.95	10.59	12.93	4.03	2.84	0.23	0.01	1.23	0.14	0.022	0.03	<0.01	1.81
1049947		2.49	43.25	15.65	16.95	12.04	5.16	2.28	0.18	0.01	2.41	0.18	0.022	0.03	<0.01	1.53
1049948		3.02	45.29	18.86	13.17	11.60	3.85	2.85	0.20	0.01	1.83	0.14	0.028	0.03	<0.01	1.81
1049949		2.77	49.29	20.23	8.64	8.43	4.32	3.91	0.71	0.02	0.37	0.14	0.028	0.03	<0.01	2.14
1049950		0.14	28.81	5.49	42.44	7.21	7.62	0.62	0.08	0.03	7.48	0.31	0.023	0.01	<0.01	0.03



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Page: 4 - B  
Nombre total de pages: 6 (A - B)  
Finalisée date: 12-JUIL-2010  
Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1049911		98.88	0.24
1049912		99.32	0.03
1049913		99.72	0.02
1049914		99.89	0.04
1049915		99.83	0.05
1049916		98.81	0.03
1049917		99.12	0.05
1049918		98.98	0.07
1049919		98.71	0.13
1049920		99.27	0.19
1049921		98.42	0.12
1049922		98.83	0.09
1049923		98.90	0.11
1049924		98.97	0.10
1049925		98.78	0.16
1049926		99.99	0.12
1049927		98.55	0.16
1049928		98.75	0.30
1049929		98.42	0.25
1049930		99.59	0.25
1049931		99.78	0.26
1049932		99.75	0.23
1049933		98.99	0.28
1049934		99.60	0.26
1049935		99.77	0.20
1049936		99.19	0.17
1049937		99.56	0.10
1049938		98.36	0.15
1049939		98.85	0.17
1049940		99.75	0.14
1049941		99.75	0.15
1049942		98.96	0.14
1049943		98.50	0.13
1049944		99.93	0.04
1049945		98.67	0.07
1049946		99.91	0.06
1049947		99.70	0.11
1049948		99.66	0.08
1049949		98.26	0.02
1049950		99.97	0.24



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## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
1049951		2.99	43.80	18.77	16.53	8.59	3.07	3.19	0.50	0.01	2.70	0.15	0.032	0.03	<0.01	1.49
1049952		3.02	31.37	17.64	30.75	7.05	1.68	2.35	0.63	0.06	6.73	0.17	0.037	0.03	<0.01	1.32
1049953		2.79	41.21	22.03	16.27	9.17	1.14	3.65	0.57	0.03	3.29	0.10	0.032	0.04	<0.01	1.92
1049954		2.55	35.44	19.03	25.59	7.73	1.40	2.73	0.43	0.06	5.35	0.14	0.031	0.03	<0.01	0.94
1049955		3.12	23.75	13.71	42.60	5.26	1.62	1.58	0.44	0.09	9.27	0.20	0.024	0.02	<0.01	0.12
1049956		2.14	44.92	23.57	11.17	9.16	1.11	4.04	0.60	0.02	2.10	0.08	0.049	0.04	<0.01	2.34
1049957		2.33	40.50	20.53	17.24	9.13	1.37	3.56	0.38	0.03	3.55	0.11	0.043	0.04	<0.01	2.20
1049958		2.86	48.30	24.88	6.39	10.99	1.22	4.06	0.48	0.01	0.92	0.07	0.051	0.04	<0.01	2.38
1049959		2.93	47.81	22.82	8.37	11.18	2.38	3.59	0.38	0.01	1.17	0.10	0.053	0.04	<0.01	2.22
1049960		3.14	42.54	13.99	19.29	11.44	6.33	2.06	0.24	0.01	2.51	0.21	0.020	0.02	<0.01	1.10
1049961		2.71	39.36	10.36	25.12	10.54	7.43	1.44	0.19	0.02	3.66	0.25	0.018	0.02	<0.01	0.85
1049962		3.20	40.64	13.07	21.72	11.53	6.45	1.74	0.28	0.02	3.19	0.22	0.017	0.02	<0.01	1.08
1049963		3.16	45.38	13.52	16.28	12.40	6.97	1.74	0.23	0.01	1.97	0.21	0.020	0.02	<0.01	1.14
1049964		3.09	45.94	13.98	14.69	12.53	6.14	2.03	0.27	0.01	1.59	0.20	0.234	0.02	<0.01	1.42
1049965		3.16	46.19	12.45	15.20	12.98	7.25	1.83	0.23	0.01	1.58	0.22	0.026	0.02	<0.01	1.18
1049966		3.10	44.78	12.69	16.93	12.14	7.30	1.76	0.34	0.01	1.72	0.22	0.022	0.02	<0.01	1.16
1049967		3.05	44.23	11.20	19.10	11.70	7.66	1.51	0.26	0.01	2.16	0.24	0.021	0.02	<0.01	0.76
1049968		3.07	43.93	15.92	16.05	11.06	5.28	2.30	0.49	0.01	1.95	0.18	0.029	0.02	<0.01	1.83
1049969		3.36	34.78	3.29	36.63	8.79	10.78	0.26	0.03	0.02	5.03	0.36	0.021	0.01	<0.01	0.26
1049970		3.78	34.75	3.90	34.15	9.98	10.68	0.36	0.05	0.02	4.52	0.35	0.054	0.01	<0.01	1.03
1049971		3.29	32.42	3.38	37.10	8.95	10.80	0.21	0.04	0.02	4.90	0.36	0.100	0.01	<0.01	0.70
1049972		3.55	31.42	2.93	39.58	8.26	11.46	0.14	0.02	0.03	5.29	0.38	0.017	0.01	<0.01	0.37
1049973		3.47	28.51	2.67	44.05	6.59	11.15	0.11	0.02	0.04	5.82	0.37	0.016	0.01	<0.01	0.57
1049974		3.70	32.26	2.71	38.65	7.43	11.89	0.11	0.02	0.04	4.52	0.35	0.017	0.01	<0.01	0.76
1049975		0.15	16.46	5.83	56.17	3.38	4.74	0.46	0.08	0.04	11.42	0.29	0.024	0.01	<0.01	0.34
1049976		3.51	34.50	3.12	36.42	7.74	12.45	0.11	0.02	0.02	4.15	0.34	0.018	0.01	<0.01	1.01
1049977		3.35	35.36	3.24	35.21	7.76	13.10	0.11	0.02	0.02	3.64	0.31	0.019	0.01	<0.01	1.24
1049978		3.66	26.50	2.50	45.79	5.12	11.18	0.05	0.01	0.03	6.18	0.36	0.016	0.01	<0.01	0.90
1049979		3.48	32.66	2.63	38.05	7.54	11.49	0.09	0.01	0.03	4.62	0.33	0.016	0.01	<0.01	0.94
1049980		3.57	29.78	2.85	41.58	6.49	11.30	0.05	0.01	0.03	5.35	0.33	0.017	0.01	<0.01	1.02
1049981		3.53	29.48	4.40	40.54	6.55	10.62	0.04	0.01	0.03	5.33	0.33	0.017	0.01	<0.01	1.47
1049982		3.27	27.67	6.68	39.04	8.33	7.92	0.04	0.01	0.03	5.99	0.30	0.019	0.02	<0.01	2.52
1049983		3.23	32.32	5.47	36.36	6.64	10.48	0.10	0.02	0.04	4.44	0.32	0.017	0.01	<0.01	2.13
1049984		3.63	28.75	3.55	42.22	6.41	10.61	0.09	0.03	0.03	5.70	0.36	0.017	0.01	<0.01	1.26
1049985		3.45	35.49	7.40	30.94	8.92	10.49	0.23	0.07	0.02	3.34	0.33	0.018	0.02	<0.01	2.46
1049986		3.15	35.44	6.08	31.99	8.15	11.40	0.18	0.02	0.02	3.52	0.33	0.018	0.01	<0.01	2.37
1049987		3.36	31.89	4.49	38.52	8.27	9.65	0.23	0.02	0.03	5.34	0.33	0.016	0.01	<0.01	0.93
1049988		2.14	32.15	4.21	37.81	9.00	9.22	0.37	0.05	0.04	5.59	0.32	0.015	0.01	<0.01	1.04
1049989		1.87	28.86	5.10	33.43	12.20	8.57	0.10	0.01	0.03	4.61	0.26	0.016	0.01	<0.01	5.97
1049991		3.59	25.19	2.95	43.94	7.36	9.54	0.06	0.03	0.04	6.25	0.35	0.016	0.01	<0.01	2.62



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Page: 5 - B  
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Compte: PET

Projet: IT

## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total %	V %
1049951		98.87	0.09
1049952		99.82	0.24
1049953		99.46	0.12
1049954		98.90	0.20
1049955		98.68	0.35
1049956		99.20	0.08
1049957		98.69	0.13
1049958		99.79	0.04
1049959		100.15	0.04
1049960		99.77	0.10
1049961		99.25	0.13
1049962		99.97	0.12
1049963		99.90	0.08
1049964		99.05	0.07
1049965		99.16	0.07
1049966		99.10	0.08
1049967		98.88	0.10
1049968		99.06	0.08
1049969		100.25	0.19
1049970		99.86	0.19
1049971		98.99	0.21
1049972		99.90	0.23
1049973		99.93	0.26
1049974		98.76	0.20
1049975		99.25	0.35
1049976		99.91	0.18
1049977		100.05	0.16
1049978		98.64	0.27
1049979		98.40	0.20
1049980		98.81	0.24
1049981		98.83	0.24
1049982		98.56	0.26
1049983		98.34	0.19
1049984		99.04	0.24
1049985		99.72	0.14
1049986		99.53	0.15
1049987		99.73	0.22
1049988		99.83	0.24
1049989		99.17	0.21
1049991		98.34	0.27



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Page: 6 - A  
Nombre total de pages: 6 (A - B)  
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## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1049992		3.41	27.92	2.90	42.93	6.27	11.07	0.06	0.01	0.03	5.37	0.35	0.016	0.01	<0.01	1.29
1049993		3.01	33.46	7.68	32.42	6.76	10.96	0.08	0.01	0.03	3.71	0.29	0.022	0.01	<0.01	3.00
1049994		3.19	35.00	8.98	30.05	8.13	9.51	0.39	0.07	0.03	3.92	0.29	0.022	0.02	<0.01	2.51
1049995		3.30	33.45	9.04	32.37	9.17	8.80	0.49	0.07	0.04	4.24	0.32	0.024	0.02	<0.01	1.62
1049996		3.44	25.69	3.42	46.40	6.87	9.10	0.14	0.02	0.05	7.13	0.38	0.014	0.01	<0.01	0.05
1049997		3.85	30.69	6.11	37.48	8.68	9.47	0.24	0.02	0.04	5.31	0.32	0.017	0.02	<0.01	1.25
1049998		1.87	36.52	6.05	30.37	10.69	10.12	0.52	0.03	0.03	3.93	0.32	0.016	0.01	<0.01	0.90
1049999		2.03	37.33	4.83	30.20	11.73	9.86	0.54	0.04	0.03	4.22	0.33	0.015	0.01	<0.01	0.62
1050000		0.57	70.84	15.35	1.85	2.21	0.81	5.76	1.62	<0.01	0.14	0.04	0.051	0.04	0.05	0.51



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Page: 6 - B

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## CERTIFICAT D'ANALYSE VO10079523

Description échantillon	Méthode élément unités L.D.	ME-XRF06	V-XRF10
		Total	V
		%	%
		0.01	0.01
1049992		98.22	0.25
1049993		98.43	0.17
1049994		98.91	0.19
1049995		99.64	0.20
1049996		99.28	0.32
1049997		99.64	0.25
1049998		99.51	0.20
1049999		99.76	0.19
1050000		99.27	0.01





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Page: 1  
Finalisée date: 12- MAI- 2011  
Compte: PET

**CERTIFICAT TM11064859**

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 112 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AVRIL- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM
V- XRF10	XRF de Fusion- le Degré de Minéral de V	XRF

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
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**CERTIFICAT D'ANALYSE TM11064859**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	
K360101		2.89	46.81	19.35	10.88	11.19	4.02	2.59	0.22	<0.01	1.27	0.13	0.048	0.02	<0.01	1.91
K360102		2.89	45.70	17.91	13.10	11.08	4.48	2.30	0.18	<0.01	1.54	0.16	0.107	0.02	<0.01	1.48
K360103		2.89	45.10	17.93	13.52	11.24	4.44	2.31	0.15	<0.01	1.84	0.16	0.053	0.02	0.01	1.38
K360104		3.25	44.47	16.01	15.73	10.90	5.51	2.09	0.14	<0.01	2.00	0.19	0.053	0.02	<0.01	1.21
K360105		2.90	45.39	17.02	14.28	11.41	5.41	2.18	0.11	<0.01	1.80	0.17	0.045	0.02	<0.01	0.83
K360106		2.90	46.18	18.09	12.28	11.32	4.90	2.43	0.13	<0.01	1.41	0.15	0.066	0.02	<0.01	1.27
K360107		2.99	45.36	18.97	12.88	11.26	4.06	2.49	0.15	<0.01	1.79	0.15	0.103	0.02	<0.01	1.14
K360108		2.92	45.10	16.30	14.20	11.56	5.21	2.07	0.15	<0.01	1.85	0.17	0.058	0.02	<0.01	1.42
K360109		3.12	45.92	18.33	12.36	11.04	4.47	2.52	0.23	<0.01	1.67	0.15	0.049	0.03	0.01	1.58
K360110		2.92	45.64	17.44	13.58	11.33	4.36	2.36	0.16	<0.01	1.87	0.16	0.024	0.02	<0.01	1.59
K360111		3.08	44.44	17.19	14.58	11.10	4.33	2.35	0.19	<0.01	2.21	0.17	0.116	0.02	<0.01	1.42
K360112		2.93	44.52	17.36	14.11	10.86	4.27	2.48	0.21	<0.01	2.25	0.16	0.033	0.02	0.01	1.93
K360113		3.08	44.11	16.60	15.27	10.92	4.77	2.22	0.18	<0.01	2.35	0.17	0.032	0.02	0.01	1.80
K360114		2.80	44.38	15.80	16.20	10.79	4.90	2.18	0.24	<0.01	2.54	0.19	0.038	0.02	<0.01	1.12
K360115		2.85	41.87	12.78	21.36	10.37	5.71	1.72	0.13	<0.01	3.64	0.23	0.202	0.02	0.01	0.73
K360116		2.42	43.78	15.33	17.03	10.79	5.22	2.10	0.15	<0.01	2.68	0.20	0.039	0.02	0.01	1.08
K360117		2.95	44.91	17.96	13.84	10.28	4.70	2.60	0.28	<0.01	1.80	0.16	0.033	0.03	0.01	1.47
K360118		2.99	45.16	18.06	13.22	11.02	4.32	2.44	0.26	<0.01	2.00	0.16	0.034	0.02	<0.01	1.51
K360119		2.91	44.23	17.59	15.22	10.32	4.20	2.42	0.22	<0.01	2.31	0.17	0.059	0.02	0.01	1.63
K360120		2.38	44.86	15.81	15.57	10.22	5.10	2.35	0.21	<0.01	2.18	0.18	0.055	0.02	0.01	1.74
K360121		2.82	44.38	16.81	14.86	10.97	4.42	2.03	0.20	<0.01	2.08	0.17	0.077	0.02	<0.01	2.27
K360122		3.23	46.79	17.34	12.38	11.02	4.75	2.46	0.30	<0.01	1.36	0.16	0.050	0.02	0.01	1.70
K360123		2.92	45.51	14.67	13.85	11.24	5.79	2.04	0.24	0.01	1.82	0.18	0.028	0.02	0.01	2.90
K360124		3.09	45.09	17.18	15.77	9.20	5.04	2.77	0.35	<0.01	2.20	0.18	0.024	0.03	0.01	0.84
K360125		0.11	16.58	5.84	56.22	3.38	4.75	0.46	0.09	0.04	11.45	0.30	0.023	0.01	0.01	0.35
K360126		3.48	44.60	20.05	12.58	10.67	3.97	2.77	0.33	<0.01	1.61	0.14	0.046	0.02	0.01	1.62
K360127		4.33	29.21	9.33	36.31	7.80	6.51	0.44	0.10	0.03	6.69	0.29	0.030	<0.01	0.01	1.64
K360128		2.75	44.85	19.33	10.54	13.36	3.38	1.84	0.18	<0.01	1.45	0.11	0.048	0.02	<0.01	3.26
K360129		2.69	46.37	18.35	9.93	14.00	3.07	1.36	0.22	<0.01	1.56	0.11	0.042	0.02	<0.01	3.30
K360130		3.03	44.71	19.29	12.17	11.08	3.98	2.33	0.38	<0.01	1.68	0.14	0.065	0.02	0.01	2.61
K360131		3.50	27.73	5.93	41.47	6.53	8.21	0.35	0.08	0.04	7.09	0.28	0.018	0.01	0.01	0.88
K360132		3.90	19.21	2.88	54.05	5.57	7.49	0.10	0.02	0.05	10.35	0.32	0.015	0.01	0.01	-0.88
K360133		3.95	19.37	4.40	52.62	5.66	7.13	0.15	0.03	0.04	10.13	0.31	0.017	0.01	0.01	-0.69
K360134		3.59	27.02	4.06	43.49	7.88	8.81	0.18	0.02	0.03	7.52	0.30	0.038	<0.01	0.01	0.07
K360135		3.32	16.72	3.10	56.98	4.40	6.76	0.13	0.03	0.06	11.74	0.34	0.046	0.01	0.02	-0.91
K360136		3.86	24.35	2.97	46.81	7.84	8.38	0.16	0.02	0.04	9.08	0.32	0.016	0.01	0.02	-0.76
K360137		3.67	27.47	5.14	40.97	8.03	8.01	0.25	0.02	0.04	7.30	0.30	0.016	<0.01	0.01	0.64
K360138		4.22	23.78	3.12	47.87	8.04	7.93	0.16	0.02	0.05	9.04	0.31	0.014	0.01	0.01	-0.83
K360139		1.73	21.51	3.28	49.06	6.69	7.12	0.16	0.03	0.05	10.43	0.32	0.013	0.01	0.01	-0.23
K360140		2.99	43.43	16.82	15.93	10.23	5.59	1.88	0.38	<0.01	1.50	0.15	0.023	0.02	0.01	2.68



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Page: 2 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 12- MAI- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE TM11064859**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360101		98.45	0.04
K360102		98.05	0.04
K360103		98.14	0.05
K360104		98.31	0.06
K360105		98.67	0.06
K360106		98.25	0.05
K360107		98.37	0.05
K360108		98.10	0.05
K360109		98.35	0.05
K360110		98.54	0.05
K360111		98.11	0.05
K360112		98.21	0.05
K360113		98.45	0.06
K360114		98.39	0.06
K360115		98.77	0.08
K360116		98.43	0.06
K360117		98.07	0.05
K360118		98.21	0.05
K360119		98.40	0.06
K360120		98.30	0.06
K360121		98.29	0.05
K360122		98.33	0.04
K360123		98.31	0.06
K360124		98.68	0.07
K360125		99.51	0.36
K360126		98.42	0.05
K360127		98.39	0.24
K360128		98.37	0.04
K360129		98.33	0.04
K360130		98.46	0.04
K360131		98.63	0.24
K360132		99.19	0.35
K360133		99.19	0.30
K360134		99.44	0.24
K360135		99.42	0.37
K360136		99.25	0.28
K360137		98.19	0.24
K360138		99.52	0.30
K360139		98.45	0.34
K360140		98.64	0.05



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Page: 3 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 12- MAI- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE TM11064859**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360141		3.04	41.81	16.17	18.24	9.49	5.12	1.83	0.30	0.01	2.18	0.17	0.030	0.02	0.01	3.02
K360142		2.72	44.00	21.91	12.38	10.45	2.67	3.33	0.17	<0.01	1.60	0.11	0.050	0.03	0.01	3.10
K360143		1.11	47.91	17.41	10.65	14.04	2.55	0.25	0.12	0.01	1.63	0.09	0.040	0.01	<0.01	4.27
K360144		2.87	44.28	21.98	11.30	10.69	2.64	2.89	0.59	<0.01	1.58	0.11	0.054	0.03	0.02	2.29
K360145		2.62	56.98	17.31	7.44	6.97	2.45	3.38	0.53	<0.01	0.79	0.09	0.067	0.02	0.01	2.34
K360146		3.00	44.36	16.76	12.24	12.31	5.48	2.24	1.09	0.01	1.43	0.15	0.034	0.02	0.02	3.28
K360147		2.98	43.22	14.50	16.60	12.18	6.56	1.54	0.32	0.02	2.16	0.19	0.036	0.02	0.01	1.51
K360148		3.16	38.58	9.84	26.15	10.68	8.04	1.01	0.12	0.04	3.77	0.24	0.018	0.01	0.01	0.03
K360149		3.19	38.50	9.19	25.62	11.29	9.02	0.89	0.13	0.03	3.63	0.25	0.019	0.02	0.02	0.71
K360150		0.09	28.39	5.45	42.35	7.18	7.63	0.62	0.09	0.03	7.49	0.30	0.022	0.01	0.01	0.02
K360151		3.54	36.35	8.19	29.28	10.36	7.95	0.68	0.08	0.05	4.57	0.25	0.017	0.01	0.01	0.45
K360152		2.92	40.92	12.37	21.86	10.59	6.39	1.47	0.28	0.03	3.17	0.20	0.021	0.01	0.01	0.84
K360153		3.06	41.65	11.94	21.70	11.19	8.09	1.30	0.20	0.03	2.56	0.24	0.024	0.02	0.01	0.82
K360154		2.90	45.14	13.22	15.81	12.28	7.44	1.51	0.19	0.02	1.62	0.20	0.020	0.01	0.01	1.04
K360155		2.72	43.20	9.51	20.57	11.93	8.47	1.03	0.13	0.03	2.39	0.23	0.017	0.01	0.01	1.07
K360156		3.22	43.03	11.42	19.52	12.85	7.88	1.12	0.18	0.03	2.40	0.23	0.045	0.02	0.01	1.15
K360157		3.18	36.01	7.45	29.97	10.89	8.68	0.59	0.08	0.07	4.46	0.27	0.013	0.01	0.01	0.67
K360158		1.65	37.13	9.73	27.53	9.22	8.70	0.96	0.25	0.06	3.74	0.26	0.020	0.01	0.01	0.79
K360159		2.55	68.00	14.75	4.02	4.10	1.00	4.10	0.44	<0.01	0.35	0.04	0.086	0.02	0.01	1.45
K360160		2.75	60.25	15.16	8.87	5.62	2.47	3.55	0.39	<0.01	1.09	0.09	0.072	0.03	0.01	1.74
K360161		2.80	51.63	18.36	10.59	8.12	2.58	3.74	0.57	0.01	1.68	0.11	0.047	0.03	0.02	1.79
K360162		3.41	47.85	19.23	11.33	9.82	2.79	2.92	0.59	0.01	1.70	0.11	0.028	0.03	0.02	1.94
K360163		3.05	46.38	10.01	16.83	11.85	8.91	1.20	0.21	0.01	1.27	0.23	0.032	0.01	<0.01	1.41
K360164		2.96	41.78	13.75	20.41	9.03	5.86	2.20	0.46	0.05	3.22	0.21	0.056	0.03	0.01	1.41
K360165		2.94	46.27	18.23	13.42	10.52	4.18	2.69	0.49	0.02	1.91	0.14	0.030	0.03	0.02	1.93
K360166		3.14	45.43	18.00	13.28	11.27	5.03	2.30	0.21	0.01	1.47	0.16	0.038	0.02	0.01	1.51
K360167		2.99	43.58	14.54	19.16	9.81	5.87	1.88	0.14	0.02	2.25	0.21	0.099	0.02	<0.01	0.81
K360168		3.06	40.88	17.32	19.91	10.04	3.54	2.25	0.19	0.06	3.26	0.17	0.081	0.02	0.01	0.81
K360169		3.08	41.75	9.93	23.21	10.47	9.71	1.03	0.09	0.04	2.37	0.28	0.082	0.02	0.01	0.68
K360170		3.00	41.42	14.75	20.94	10.46	6.22	1.68	0.06	0.04	2.83	0.19	0.025	0.02	<0.01	-0.21
K360171		3.58	40.39	10.19	23.78	11.06	8.10	1.10	0.06	0.03	3.31	0.23	0.018	0.02	0.01	0.02
K360172		3.00	36.18	8.22	29.99	9.82	8.31	0.79	0.08	0.05	4.25	0.26	0.018	0.01	0.01	0.21
K360173		3.20	38.35	13.73	26.12	9.64	6.69	1.54	0.08	0.06	3.67	0.21	0.029	0.02	0.01	-0.15
K360174		3.04	39.25	14.19	24.11	9.37	6.73	1.70	0.14	0.06	3.28	0.21	0.026	0.02	0.01	0.18
K360175		0.11	37.28	15.95	23.81	9.41	6.55	1.61	0.08	0.08	2.95	0.18	0.023	0.01	<0.01	0.82
K360176		3.10	37.02	11.70	26.93	8.71	8.07	1.18	0.13	0.07	3.50	0.24	0.019	0.01	0.01	0.55
K360177		2.93	37.66	12.23	26.21	9.51	7.51	1.36	0.09	0.08	3.73	0.23	0.017	0.02	0.01	0.13
K360178		1.86	37.94	12.12	27.78	8.12	6.92	1.48	0.24	0.10	4.06	0.23	0.022	0.02	0.01	0.79
K360179		2.94	43.35	16.09	16.49	10.78	6.15	1.78	0.18	0.02	1.70	0.18	0.026	0.02	0.01	1.47
K360180		2.64	41.91	16.26	17.65	9.89	5.17	1.95	0.35	0.01	2.12	0.18	0.046	0.02	0.01	2.66



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Page: 3 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 12- MAI- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE TM11064859**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
K360141		98.39	0.07
K360142		99.80	0.05
K360143		98.98	0.05
K360144		98.44	0.05
K360145		98.37	0.02
K360146		99.42	0.05
K360147		98.87	0.08
K360148		98.54	0.16
K360149		99.32	0.15
K360150		99.59	0.25
K360151		98.25	0.19
K360152		98.16	0.13
K360153		99.77	0.10
K360154		98.51	0.07
K360155		98.60	0.11
K360156		99.88	0.10
K360157		99.18	0.20
K360158		98.41	0.15
K360159		98.36	<0.01
K360160		99.34	0.03
K360161		99.27	0.05
K360162		98.37	0.06
K360163		98.36	0.05
K360164		98.47	0.12
K360165		99.88	0.07
K360166		98.74	0.05
K360167		98.39	0.08
K360168		98.53	0.11
K360169		99.67	0.10
K360170		98.42	0.11
K360171		98.31	0.13
K360172		98.19	0.19
K360173		100.00	0.16
K360174		99.28	0.14
K360175		98.76	0.16
K360176		98.13	0.14
K360177		98.78	0.15
K360178		99.83	0.17
K360179		98.24	0.07
K360180		98.23	0.08



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Page: 4 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 12- MAI- 2011  
 Compte: PET

Projet: IT

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Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360181		2.56	49.41	17.56	11.62	10.49	3.94	2.45	0.34	<0.01	1.46	0.14	0.050	0.02	0.02	2.49
K360182		3.46	43.89	15.65	17.54	9.55	5.99	2.16	0.31	0.01	2.33	0.21	0.037	0.02	0.01	1.72
K360183		2.93	44.51	16.38	15.94	10.07	5.31	2.17	0.38	<0.01	1.94	0.18	0.082	0.02	0.01	1.90
K360184		2.81	44.98	17.98	14.47	11.22	4.89	2.15	0.47	<0.01	1.86	0.17	0.055	0.03	0.02	1.72
K360185		3.06	43.67	14.80	17.08	10.90	5.65	1.83	0.39	0.01	2.14	0.21	0.157	0.02	0.01	1.51
K360186		3.10	40.71	18.44	20.24	8.92	4.38	2.28	0.52	0.05	2.91	0.18	0.035	0.03	0.02	1.30
K360187		4.24	41.61	14.81	21.05	9.00	5.21	1.76	0.33	0.04	3.07	0.18	0.024	0.01	0.01	1.08
K360188		2.32	44.92	16.89	14.24	11.14	5.09	2.25	0.29	0.01	1.51	0.17	0.054	0.02	0.01	1.63
K360189		2.63	43.47	18.83	16.52	10.13	3.53	2.73	0.33	0.02	2.67	0.16	0.088	0.03	0.01	1.48
K360190		2.84	45.13	17.54	13.97	11.07	4.59	2.50	0.32	<0.01	1.63	0.17	0.321	0.02	0.01	1.93
K360191		2.05	41.70	18.56	17.56	7.92	4.00	2.75	0.34	0.02	2.46	0.17	0.101	0.02	0.01	2.75
K360192		2.22	44.25	17.59	14.37	10.90	4.54	2.29	0.28	0.01	1.78	0.16	0.040	0.02	0.01	2.57
K360193		3.58	42.88	16.96	17.40	8.75	5.24	2.23	0.36	0.02	2.11	0.18	0.076	0.02	0.01	2.29
K360194		2.98	34.88	9.32	31.77	5.76	10.02	0.73	0.11	0.05	3.42	0.26	0.031	0.01	0.01	2.10
K360195		3.01	38.13	14.42	24.56	7.50	7.19	1.26	0.15	0.02	2.57	0.21	0.026	0.02	<0.01	2.12
K360196		3.00	41.46	18.03	17.93	8.95	4.86	2.16	0.31	0.01	2.09	0.18	0.027	0.02	0.01	2.18
K360197		2.26	35.27	15.42	25.18	8.44	8.15	0.97	0.14	0.02	2.62	0.21	0.032	0.01	0.01	3.49
K360198		2.97	32.93	10.99	32.18	7.28	7.57	1.02	0.17	0.05	4.55	0.25	0.018	0.01	0.01	1.23
K360199		2.88	41.54	17.32	17.92	8.73	6.99	1.83	0.27	<0.01	1.44	0.18	0.031	0.02	0.01	2.09
K360200		0.45	66.77	15.10	3.20	3.12	2.88	4.72	1.78	0.02	0.22	0.05	0.100	0.05	0.06	1.13
K360201		3.19	40.48	15.70	21.10	8.38	6.53	1.76	0.24	0.02	2.33	0.20	0.030	0.02	0.01	1.67
K360202		3.07	45.03	12.48	16.50	12.32	7.80	1.46	0.17	0.03	1.61	0.22	0.028	0.02	0.01	1.43
K360203		3.11	44.89	13.14	15.66	11.93	7.58	1.58	0.21	0.01	1.43	0.21	0.020	0.01	<0.01	1.43
K360204		3.08	43.82	13.02	17.43	11.50	7.58	1.48	0.22	0.02	1.82	0.22	0.016	0.01	0.01	1.08
K360205		2.95	44.10	12.95	17.64	10.69	7.87	1.59	0.16	<0.01	1.89	0.23	0.013	0.01	0.01	1.09
K360206		3.06	43.74	13.65	18.87	10.57	7.63	1.77	0.21	<0.01	2.23	0.23	0.016	0.02	0.01	1.01
K360207		3.40	42.40	14.57	19.53	9.39	6.48	1.85	0.24	0.01	2.40	0.20	0.021	0.02	0.01	1.11
K360208		2.80	45.78	23.23	8.07	11.69	3.67	2.72	0.43	<0.01	0.61	0.08	0.022	0.02	0.01	2.32
K360209		2.18	39.18	17.40	21.15	9.23	4.59	2.09	0.25	0.03	3.15	0.18	0.042	0.02	0.01	1.32
K360210		3.26	38.97	17.65	21.87	9.43	4.37	2.04	0.24	0.03	3.40	0.18	0.032	0.02	0.01	1.19
K360211		3.13	32.21	14.74	31.64	7.95	4.99	1.54	0.18	0.07	5.39	0.25	0.026	0.02	0.01	0.62
K360212		3.40	44.57	13.48	18.16	9.39	8.18	1.74	0.27	0.01	1.47	0.23	0.030	0.02	0.01	1.69



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Page: 4 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 12- MAI- 2011  
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**CERTIFICAT D'ANALYSE TM11064859**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
K360181		99.99	0.05
K360182		99.44	0.07
K360183		98.90	0.06
K360184		100.00	0.06
K360185		98.38	0.06
K360186		100.00	0.10
K360187		98.19	0.12
K360188		98.21	0.06
K360189		100.00	0.08
K360190		99.20	0.05
K360191		98.35	0.08
K360192		98.80	0.07
K360193		98.51	0.08
K360194		98.47	0.14
K360195		98.18	0.10
K360196		98.21	0.08
K360197		99.96	0.10
K360198		98.26	0.19
K360199		98.36	0.06
K360200		99.20	<0.01
K360201		98.47	0.09
K360202		99.09	0.07
K360203		98.12	0.06
K360204		98.22	0.08
K360205		98.24	0.08
K360206		99.96	0.09
K360207		98.23	0.09
K360208		98.66	0.03
K360209		98.64	0.12
K360210		99.43	0.13
K360211		99.64	0.22
K360212		99.24	0.06



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Page: 1  
Finalisée date: 22- MAI- 2011  
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**CERTIFICAT TM11064858**

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Bon de commande #:

Ce rapport s'applique aux 100 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AVRIL- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um


**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM
V- XRF10	XRF de Fusion- le Degré de Minerai de V	XRF

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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Page: 2 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 22- MAI- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE TM11064858**

Description échantillon	Méthode	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
	élément unités L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360001		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
K360002		2.69	43.35	12.35	19.34	10.83	6.30	1.57	0.25	0.02	2.71	0.24	0.108	0.01	0.01	1.11
K360003		2.90	42.17	11.45	21.33	10.64	6.57	1.33	0.22	0.03	3.05	0.24	0.079	0.01	0.01	1.12
K360004		3.22	41.51	11.70	22.17	10.99	7.69	1.27	0.16	0.04	2.95	0.24	0.039	0.02	0.01	1.22
K360005		2.49	41.80	12.73	19.73	11.74	6.12	1.36	0.19	0.03	2.85	0.21	0.294	0.02	0.01	1.47
K360006		3.23	42.26	11.76	20.65	11.46	7.19	1.31	0.25	0.02	3.04	0.24	0.081	0.02	0.01	1.03
K360007		3.38	29.06	11.08	37.14	7.34	5.39	1.01	0.19	0.16	7.48	0.26	0.039	0.02	0.01	0.41
K360008		3.27	36.59	11.11	29.48	8.20	4.32	1.31	0.15	0.11	5.67	0.21	0.124	0.01	0.01	0.91
K360009		2.84	49.99	17.82	12.81	7.83	3.06	3.22	0.34	0.03	1.75	0.14	0.250	0.02	0.01	1.12
K360010		3.11	45.32	19.87	13.63	9.85	3.98	2.67	0.28	0.03	1.58	0.15	0.051	0.02	<0.01	0.87
K360011		2.90	44.37	19.33	13.75	11.99	4.16	2.47	0.35	0.04	1.77	0.16	0.045	0.02	0.01	1.13
K360012		3.39	40.76	14.87	20.98	9.33	6.04	1.73	0.24	0.08	2.88	0.22	0.039	0.02	0.01	1.85
K360013		3.38	27.43	9.09	41.04	5.25	6.59	0.54	0.11	0.21	7.45	0.30	0.066	0.01	0.01	0.25
K360014		3.50	34.26	10.43	32.94	8.12	6.18	0.97	0.14	0.09	5.85	0.30	0.368	0.02	0.01	0.17
K360015		3.44	37.38	10.99	24.92	9.83	4.89	1.51	0.09	<0.01	4.75	0.27	0.772	0.01	<0.01	-0.11
K360016		3.18	43.27	10.18	22.82	10.77	6.55	1.53	0.09	<0.01	3.14	0.30	0.620	0.01	0.01	0.11
K360017		3.33	36.85	10.55	29.45	9.35	5.59	1.38	0.09	0.05	5.27	0.27	0.084	0.01	0.01	0.00
K360018		3.43	35.77	10.06	30.06	10.16	6.64	0.98	0.09	0.07	5.36	0.26	0.045	0.02	0.01	0.24
K360019		3.16	34.12	12.48	30.08	8.71	5.18	1.28	0.13	0.08	5.43	0.24	0.043	0.01	0.01	0.85
K360020		3.15	39.31	14.88	22.49	10.37	4.97	1.72	0.19	0.05	3.95	0.20	0.064	0.02	0.01	0.94
K360021		3.04	38.01	14.96	23.56	10.50	4.77	1.49	0.14	0.05	4.41	0.20	0.041	0.02	0.01	0.67
K360022		3.44	24.18	9.15	44.20	6.34	5.43	0.63	0.09	0.16	8.62	0.27	0.026	0.01	0.01	-0.31
K360023		2.97	38.07	15.12	23.48	10.04	5.06	1.66	0.21	0.05	4.07	0.20	0.044	0.02	0.01	0.59
K360024		2.79	43.18	17.00	16.30	10.92	4.79	2.12	0.29	0.02	2.12	0.17	0.071	0.02	<0.01	1.52
K360025		3.02	43.51	16.00	17.07	11.28	5.81	1.87	0.19	0.02	2.26	0.19	0.040	0.02	0.01	1.62
K360026		0.12	37.46	15.96	23.80	9.40	6.56	1.58	0.08	0.08	2.96	0.18	0.023	0.01	<0.01	0.79
K360027		3.14	41.05	12.04	21.51	11.07	8.12	1.18	0.12	0.03	2.68	0.23	0.039	0.02	0.01	1.39
K360028		3.27	43.01	11.58	19.12	12.58	8.08	1.16	0.08	0.02	2.33	0.23	0.023	0.01	0.01	0.88
K360029		3.03	45.21	16.34	13.65	12.74	5.88	1.76	0.13	0.01	1.60	0.17	0.029	0.02	<0.01	0.91
K360030		3.12	37.44	9.68	26.85	11.15	7.74	0.96	0.08	0.04	4.37	0.24	0.019	0.01	0.01	0.41
K360031		3.20	41.49	16.47	18.64	11.34	5.27	1.79	0.12	0.03	3.18	0.17	0.026	0.02	0.01	0.79
K360032		3.11	42.43	17.17	17.04	11.59	4.26	1.91	0.13	0.02	2.90	0.16	0.036	0.02	<0.01	0.83
K360033		2.99	42.80	17.34	16.39	11.57	3.99	2.02	0.19	0.02	2.87	0.15	0.071	0.02	<0.01	0.99
K360034		3.18	42.36	15.87	17.52	11.50	5.77	2.03	0.20	0.02	2.73	0.19	0.051	0.02	0.01	1.42
K360035		2.88	43.32	15.26	17.05	11.44	4.98	1.85	0.16	0.02	2.79	0.18	0.092	0.01	<0.01	1.22
K360036		2.99	42.70	18.02	16.30	11.59	4.05	2.10	0.22	0.02	2.84	0.15	0.075	0.02	0.01	1.30
K360037		3.04	42.86	15.88	17.11	11.27	4.89	1.82	0.18	0.02	2.97	0.18	0.096	0.02	<0.01	1.19
K360038		3.13	43.17	15.12	18.54	10.22	5.13	1.77	0.24	0.02	2.78	0.18	0.063	0.01	<0.01	0.99
K360039		3.05	41.33	17.72	17.61	10.75	3.74	2.03	0.37	0.02	3.39	0.16	0.063	0.02	0.01	1.21
K360040		2.92	40.25	12.48	20.53	10.81	6.43	1.38	0.27	0.03	3.33	0.22	0.046	0.01	0.01	2.67
K360040		3.10	42.28	15.85	18.49	10.76	5.91	1.91	0.35	0.02	2.85	0.20	0.047	0.02	0.01	1.30

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.



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Page: 2 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 22- MAI- 2011  
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**CERTIFICAT D'ANALYSE TM11064858**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360001		98.20	0.07
K360002		98.24	0.08
K360003		100.00	0.08
K360004		98.55	0.08
K360005		99.32	0.09
K360006		99.59	0.25
K360007		98.20	0.18
K360008		98.36	0.04
K360009		98.31	0.05
K360010		99.60	0.06
K360011		99.05	0.10
K360012		98.34	0.25
K360013		99.85	0.15
K360014		95.30	0.06
K360015		99.39	0.05
K360016		98.95	0.13
K360017		99.76	0.17
K360018		98.65	0.17
K360019		99.16	0.12
K360020		98.83	0.13
K360021		98.81	0.32
K360022		98.62	0.13
K360023		98.51	0.06
K360024		99.89	0.07
K360025		98.90	0.16
K360026		99.48	0.10
K360027		99.11	0.09
K360028		98.45	0.06
K360029		99.00	0.17
K360030		99.34	0.10
K360031		98.50	0.09
K360032		98.42	0.08
K360033		99.69	0.08
K360034		98.38	0.08
K360035		99.40	0.08
K360036		98.49	0.08
K360037		98.24	0.08
K360038		98.42	0.08
K360039		98.46	0.09
K360040		100.00	0.08

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.



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Page: 3 - A  
 Nombre total de pages: 4 (A - B)  
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 Compte: PET

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**CERTIFICAT D'ANALYSE TM11064858**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360041		3.22	41.22	13.02	21.27	10.26	5.63	1.52	0.30	0.01	3.71	0.24	0.079	0.01	0.01	1.05
K360042		3.46	41.45	11.64	22.45	9.63	5.88	1.61	0.32	<0.01	4.01	0.26	0.251	0.01	0.01	0.64
K360043		2.29	59.08	16.16	5.50	6.52	5.28	4.48	0.20	0.02	0.54	0.07	0.097	0.03	0.01	1.43
K360044		2.03	40.57	9.10	24.50	9.62	7.22	1.21	0.30	<0.01	4.12	0.30	0.385	0.01	0.01	0.96
K360045		3.49	56.46	16.00	7.43	7.24	5.85	4.36	0.23	0.02	0.75	0.10	0.141	0.03	0.01	1.30
K360046		3.11	57.27	13.75	8.50	7.76	5.40	3.41	0.22	0.02	0.83	0.11	0.156	0.03	0.01	1.33
K360047		3.35	58.69	16.18	5.07	6.24	5.48	4.75	0.17	0.02	0.51	0.07	0.098	0.03	<0.01	1.76
K360048		3.00	40.81	7.39	25.02	10.29	8.55	1.03	0.22	0.02	3.57	0.25	0.057	0.01	0.01	0.90
K360049		3.10	41.70	13.90	20.13	10.20	5.83	1.96	0.33	0.02	2.75	0.21	0.031	0.01	0.01	1.28
K360050		0.10	28.45	5.46	42.25	7.16	7.59	0.62	0.09	0.02	7.44	0.31	0.022	0.01	<0.01	-0.02
K360051		3.02	43.92	16.45	16.13	11.89	5.68	1.83	0.33	0.01	2.08	0.17	0.024	0.02	0.01	1.33
K360052		3.01	41.71	15.31	19.06	10.70	5.46	1.92	0.34	0.02	2.86	0.19	0.031	0.01	0.01	0.76
K360053		3.15	42.88	16.53	17.59	11.97	4.97	1.93	0.15	0.02	3.07	0.18	0.052	0.02	0.01	0.56
K360054		3.07	41.31	15.37	19.71	11.66	4.90	1.81	0.09	0.03	3.44	0.19	0.157	0.02	0.01	0.15
K360055		3.20	41.35	13.57	20.49	10.97	5.99	1.55	0.15	0.02	3.23	0.22	0.175	0.01	<0.01	0.64
K360056		2.94	43.13	14.32	18.42	11.20	5.85	1.82	0.35	0.02	2.75	0.21	0.150	0.02	0.01	1.07
K360057		3.38	34.55	9.96	31.13	9.13	6.78	1.03	0.17	0.07	5.46	0.26	0.037	0.01	0.01	0.20
K360058		3.23	39.17	15.28	22.89	10.41	5.06	1.67	0.32	0.03	3.90	0.20	0.038	0.02	0.02	0.96
K360059		2.96	44.62	18.10	13.69	12.02	4.80	2.10	0.45	0.01	1.84	0.16	0.047	0.02	0.02	1.39
K360060		2.88	43.72	17.77	13.90	12.09	4.53	1.83	0.23	<0.01	2.05	0.16	0.043	0.02	<0.01	2.34
K360061		3.10	43.32	18.01	13.41	12.15	4.33	1.84	0.68	<0.01	1.96	0.16	0.050	0.03	0.02	2.30
K360062		2.19	50.45	15.17	7.59	8.93	5.26	5.04	0.07	<0.01	0.86	0.10	0.539	0.10	0.01	5.79
K360063		2.83	43.92	17.54	12.40	11.61	4.74	1.97	0.65	<0.01	1.57	0.15	0.050	0.03	0.03	3.45
K360064		3.09	41.60	13.69	19.70	11.00	6.01	1.42	0.35	0.01	3.25	0.22	0.317	0.02	0.01	1.36
K360065		3.15	39.61	7.63	26.20	10.54	8.11	0.75	0.16	0.01	3.82	0.30	0.295	0.01	<0.01	0.77
K360066		2.97	41.96	14.71	18.20	11.40	5.49	1.52	0.33	<0.01	2.84	0.20	0.046	0.02	0.01	1.66
K360067		2.97	43.68	18.20	15.00	11.69	4.57	2.14	0.29	0.01	2.35	0.17	0.045	0.02	0.01	1.69
K360068		2.98	44.85	17.11	13.92	11.58	4.85	2.15	0.23	<0.01	1.79	0.16	0.056	0.02	0.01	1.58
K360069		2.93	44.74	18.01	14.21	11.56	4.83	2.29	0.31	<0.01	2.05	0.17	0.051	0.02	0.01	1.24
K360070		2.97	44.57	18.22	12.38	12.45	4.05	2.14	0.25	<0.01	1.72	0.14	0.079	0.02	0.01	2.16
K360071		2.87	44.59	17.91	13.29	12.11	4.26	2.12	0.25	<0.01	1.83	0.15	0.088	0.02	0.01	1.85
K360072		3.06	43.95	15.56	16.98	11.73	5.36	1.82	0.18	<0.01	2.66	0.20	0.082	0.02	0.01	1.16
K360073		3.12	43.39	15.38	16.96	11.40	5.21	1.90	0.17	<0.01	2.59	0.19	0.040	0.01	<0.01	1.14
K360074		3.22	44.16	15.14	17.66	10.86	6.17	1.91	0.15	<0.01	2.31	0.20	0.052	0.02	0.01	1.36
K360075		0.10	16.52	5.84	56.16	3.42	4.80	0.46	0.09	0.04	11.45	0.30	0.023	0.01	0.01	0.37
K360076		3.02	43.42	16.43	17.22	11.04	4.53	2.10	0.13	<0.01	2.83	0.18	0.059	0.02	<0.01	0.57
K360077		3.55	28.55	6.79	40.50	8.01	6.39	0.59	0.08	0.05	8.60	0.30	0.045	0.01	0.01	-0.16
K360078		2.93	42.28	16.45	17.39	11.08	4.52	2.03	0.20	0.01	3.28	0.19	0.054	0.02	<0.01	1.67
K360079		3.04	44.75	16.28	15.50	11.23	5.63	2.04	0.14	<0.01	2.14	0.19	0.043	0.02	0.01	1.28
K360080		2.89	44.76	19.04	14.22	10.14	3.31	2.49	0.20	<0.01	2.50	0.14	0.048	0.02	<0.01	1.53

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.



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Page: 3 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 22- MAI- 2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE TM11064858

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360041		98.33	0.07
K360042		98.17	0.07
K360043		99.42	0.01
K360044		98.31	0.07
K360045		99.92	0.02
K360046		98.79	0.02
K360047		99.07	0.01
K360048		98.12	0.12
K360049		98.36	0.10
K360050		99.40	0.25
K360051		99.88	0.08
K360052		98.38	0.09
K360053		99.93	0.09
K360054		98.83	0.09
K360055		98.37	0.09
K360056		99.31	0.08
K360057		98.80	0.18
K360058		99.96	0.12
K360059		99.26	0.06
K360060		98.69	0.06
K360061		98.25	0.06
K360062		99.92	0.02
K360063		98.11	0.05
K360064		98.95	0.09
K360065		98.20	0.11
K360066		98.39	0.08
K360067		99.87	0.07
K360068		98.30	0.06
K360069		99.50	0.06
K360070		98.18	0.05
K360071		98.48	0.06
K360072		99.70	0.08
K360073		98.38	0.07
K360074		100.00	0.07
K360075		99.50	0.36
K360076		98.53	0.07
K360077		99.77	0.24
K360078		99.17	0.08
K360079		99.25	0.06
K360080		98.39	0.07

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Page: 4 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 22- MAI- 2011  
 Compte: PET

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**CERTIFICAT D'ANALYSE TM11064858**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
K360081		3.16	41.54	13.79	20.69	10.97	5.32	1.71	0.17	0.01	3.63	0.21	0.187	0.02	<0.01	0.68
K360082		3.50	33.18	8.26	34.22	8.72	6.91	0.87	0.08	0.04	6.90	0.29	0.033	0.01	0.01	0.04
K360083		3.24	43.66	11.93	19.31	11.23	6.95	1.48	0.14	<0.01	2.65	0.23	0.059	0.01	<0.01	0.98
K360084		2.76	43.64	16.42	16.28	12.01	4.98	2.00	0.16	<0.01	2.72	0.18	0.041	0.02	0.01	1.24
K360085		3.07	42.70	15.86	17.05	11.22	5.03	1.90	0.19	0.01	3.02	0.18	0.050	0.01	<0.01	1.19
K360086		3.10	43.13	16.97	16.91	11.39	4.59	2.20	0.18	<0.01	3.00	0.19	0.094	0.02	0.01	1.00
K360087		3.11	44.23	16.22	14.97	11.62	4.89	1.92	0.22	<0.01	2.21	0.18	0.052	0.01	<0.01	1.75
K360088		3.20	44.45	12.36	18.04	11.17	6.91	1.51	0.19	<0.01	2.44	0.23	0.074	0.01	0.01	1.31
K360089		2.66	46.70	19.80	11.32	11.69	3.85	2.66	0.23	<0.01	1.63	0.14	0.069	0.02	0.01	1.44
K360090		2.91	46.14	17.77	12.27	11.38	4.87	2.34	0.23	<0.01	1.51	0.16	0.044	0.02	0.01	1.44
K360091		2.92	45.04	17.73	14.65	11.20	4.80	2.20	0.27	<0.01	2.34	0.17	0.054	0.02	0.01	1.26
K360092		2.91	43.91	15.12	16.90	10.60	5.26	1.99	0.44	<0.01	2.58	0.20	0.098	0.01	0.01	1.25
K360093		3.06	56.67	14.11	8.66	6.35	3.86	3.71	0.35	0.03	0.79	0.11	0.150	0.01	0.01	3.52
K360094		3.00	57.26	14.57	8.12	6.56	3.92	3.51	0.42	0.02	0.66	0.11	0.170	0.02	0.01	4.33
K360095		2.55	45.29	17.90	13.68	11.63	4.49	1.85	0.38	<0.01	2.14	0.15	0.056	0.03	0.01	2.35
K360096		2.22	48.81	19.89	10.15	11.20	2.99	2.47	0.30	<0.01	1.68	0.12	0.058	0.03	0.01	2.10
K360097		2.41	60.07	14.95	8.14	6.62	3.93	3.53	0.19	0.02	0.70	0.12	0.180	0.02	0.01	1.26
K360098		2.63	44.60	17.98	13.62	11.08	4.27	2.14	0.38	0.01	2.40	0.16	0.059	0.02	0.01	2.15
K360099		2.99	43.85	17.53	13.95	11.01	4.62	2.16	0.26	<0.01	2.19	0.16	0.053	0.02	0.01	2.61
K360100		0.56	72.39	15.14	1.63	1.00	0.99	6.11	1.62	<0.01	0.12	0.03	0.052	0.02	0.05	0.87

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.



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Page: 4 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 22- MAI- 2011  
 Compte: PET

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**CERTIFICAT D'ANALYSE TM11064858**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360081		98.93	0.10
K360082		99.56	0.20
K360083		98.64	0.07
K360084		99.70	0.07
K360085		98.41	0.08
K360086		99.69	0.07
K360087		98.28	0.06
K360088		98.70	0.06
K360089		99.56	0.05
K360090		98.17	0.04
K360091		99.75	0.06
K360092		98.37	0.06
K360093		98.33	0.02
K360094		99.69	0.02
K360095		99.96	0.06
K360096		99.79	0.04
K360097		99.74	0.02
K360098		98.88	0.06
K360099		98.43	0.06
K360100		100.00	<0.01

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.



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Page: 1  
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**CERTIFICAT VO11068785**

Projet: IT  
Bon de commande #:  
Ce rapport s'applique aux 7 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22- AVRIL- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50 g FA fini AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
PGM- ICP24	Pt, Pd et Au 50 g FA ICP	ICP- AES

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature: *Nacera Amara*  
Nacera Amara, Laboratory Manager, Val d'Or



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Page: 2 - A  
 Nombre total de pages: 2 (A)  
 Finalisée date: 23- MAI- 2011  
 Compte: PET

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**CERTIFICAT D'ANALYSE VO11068785**

Description échantillon	Méthode élément unités L.D.	WEI- 21	PGM- ICP24	PGM- ICP24	PGM- ICP24	Au- AA24	ME- ICP61	ME- ICP61
		Poids reçu kg	Au ppm	Pt ppm	Pd ppm	Au ppm	Cu ppm	Ni ppm
K360221		2.75	0.003	<0.005	<0.001			
K360222		3.26	0.002	<0.005	<0.001			
K360223		3.12	0.002	<0.005	0.001			
K360224		3.01	0.001	<0.005	<0.001			
K360226		2.80	0.003	<0.005	0.001			
K360346		2.27				0.005		
K360347		2.16					552	64





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Page: 1  
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Compte: PET

**CERTIFICAT VO11068786**

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 96 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22- AVRIL- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
V- XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM

À: APELLA RESOURCES INC.  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Nombre total de pages: 4 (A - B)  
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**CERTIFICAT D'ANALYSE VO11068786**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360213		2.61	45.77	18.55	12.75	10.77	4.90	2.44	0.53	<0.01	1.24	0.15	0.065	0.02	0.01	2.16
K360214		2.92	42.31	16.89	16.49	11.43	4.40	1.93	0.36	<0.01	2.09	0.17	0.140	0.02	<0.01	2.00
K360215		2.84	44.24	16.48	14.93	10.68	5.15	2.21	0.44	<0.01	1.78	0.17	0.057	0.02	0.01	2.04
K360216		2.99	40.23	12.57	20.65	10.35	6.26	1.11	0.14	0.02	3.49	0.22	0.036	0.01	<0.01	3.00
K360217		2.74	35.30	9.07	29.30	9.59	6.46	0.84	0.09	0.04	4.63	0.25	0.018	0.01	<0.01	2.87
K360218		2.69	41.94	18.03	11.60	11.15	2.88	3.92	0.51	0.04	1.63	0.09	0.042	0.02	0.01	7.97
K360219		2.94	45.05	20.72	10.92	11.31	3.67	2.73	0.47	0.03	1.41	0.13	0.065	0.03	0.01	3.09
K360220		2.68	46.60	22.64	8.88	10.48	2.87	3.56	0.59	0.01	1.02	0.10	0.059	0.03	0.02	3.05
K360225		0.10	37.47	15.95	23.81	9.46	6.56	1.58	0.08	0.08	2.96	0.18	0.023	0.01	<0.01	0.77
K360227		1.75	43.95	14.54	17.92	10.69	6.03	1.85	0.29	0.02	2.75	0.21	0.090	0.02	0.01	0.57
K360228		2.56	45.64	19.86	11.41	11.70	3.58	2.55	0.42	<0.01	1.37	0.14	0.091	0.02	0.01	1.27
K360229		2.51	45.57	19.12	12.82	10.76	3.94	2.74	0.29	<0.01	1.74	0.15	0.056	0.02	<0.01	1.05
K360230		2.02	27.04	7.84	42.80	6.56	5.91	0.72	0.13	0.10	8.16	0.28	0.020	0.01	0.01	-0.13
K360231		2.31	36.28	7.87	28.70	10.81	8.49	0.43	0.12	0.04	4.22	0.25	0.017	0.01	<0.01	0.94
K360232		3.19	26.25	5.41	43.68	7.13	7.38	0.28	0.08	0.06	7.85	0.29	0.014	<0.01	<0.01	-0.27
K360233		3.98	39.65	11.72	22.92	10.97	7.07	1.09	0.24	0.02	3.11	0.23	0.029	0.01	0.01	1.03
K360234		2.02	67.93	14.06	4.58	4.13	1.33	4.03	0.30	<0.01	0.41	0.05	0.068	0.02	<0.01	1.21
K360235		1.21	38.45	10.09	25.33	9.35	8.22	1.18	0.24	0.03	3.64	0.25	0.018	0.01	0.01	1.30
K360236		2.80	46.51	18.82	9.77	12.98	3.59	2.41	0.44	<0.01	1.00	0.12	0.033	0.02	0.01	2.44
K360237		2.95	46.20	20.24	10.71	10.76	3.47	2.78	0.40	<0.01	1.23	0.11	0.037	0.02	0.01	2.35
K360238		3.04	39.85	16.43	20.17	10.30	4.29	1.94	0.38	0.03	3.30	0.18	0.035	0.02	0.01	1.20
K360239		2.78	43.57	16.50	15.24	13.38	4.32	1.76	0.14	0.01	1.98	0.18	0.106	0.03	<0.01	2.04
K360240		4.13	44.61	19.39	12.52	10.47	3.66	2.70	0.49	0.02	1.63	0.13	0.028	0.03	0.01	2.56
K360241		3.15	38.85	8.39	26.89	10.12	8.86	1.04	0.12	0.04	4.11	0.26	0.035	0.01	0.01	0.96
K360242		2.58	44.07	15.11	16.90	10.98	5.08	2.40	0.17	0.01	2.23	0.18	0.074	0.02	0.01	2.10
K360243		3.49	41.73	10.50	19.88	12.52	8.43	0.89	0.11	0.02	2.50	0.24	0.016	0.02	0.01	1.61
K360244		3.09	39.42	7.72	25.34	11.58	8.84	0.69	0.10	0.03	3.63	0.27	0.016	0.01	<0.01	0.49
K360245		3.00	39.96	12.17	22.13	10.87	6.96	1.43	0.24	0.03	3.27	0.22	0.045	0.01	<0.01	0.84
K360246		2.83	43.70	16.50	14.84	11.41	5.38	2.05	0.41	0.01	1.85	0.17	0.041	0.02	0.01	1.86
K360247		2.67	43.40	15.68	16.12	11.19	5.89	1.87	0.31	0.02	1.99	0.18	0.030	0.01	<0.01	1.46
K360248		3.48	45.82	11.61	15.24	12.80	8.58	1.27	0.13	0.01	1.29	0.21	0.022	0.01	<0.01	1.41
K360249		2.83	43.19	9.44	19.13	12.57	9.18	0.96	0.10	0.02	2.04	0.24	0.018	0.01	<0.01	1.21
K360250		0.08	28.65	5.46	42.21	7.18	7.66	0.62	0.08	0.03	7.45	0.31	0.022	0.01	0.01	-0.01
K360251		3.15	44.52	14.95	14.84	11.56	6.73	2.02	0.22	0.02	1.61	0.18	0.024	0.02	0.01	2.40
K360252		2.95	45.50	16.64	14.26	10.56	5.73	2.57	0.35	0.01	1.57	0.16	0.026	0.02	0.01	2.13
K360253		2.55	47.30	18.85	12.04	9.91	3.21	3.02	0.39	0.01	1.74	0.12	0.039	0.03	0.04	1.72
K360254		2.95	44.67	14.67	13.86	12.01	6.87	1.78	0.39	0.02	1.37	0.19	0.023	0.02	0.01	2.29
K360255		2.63	44.24	21.33	12.27	8.10	3.88	3.20	0.79	0.02	1.41	0.12	0.032	0.03	0.02	3.54
K360256		2.53	38.03	19.46	17.12	15.07	3.24	0.27	0.09	0.06	2.66	0.12	0.030	0.09	<0.01	3.54
K360257		1.77	36.31	18.26	19.47	12.98	3.90	0.08	0.02	0.07	3.21	0.17	0.029	0.07	<0.01	3.77



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Page: 2 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 6- JUIN- 2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE VO11068786

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total % 0.01	V % 0.01
K360213		99.36	0.05
K360214		98.24	0.07
K360215		98.21	0.06
K360216		98.08	0.12
K360217		98.48	0.20
K360218		99.83	0.07
K360219		99.63	0.06
K360220		99.90	0.04
K360225		98.94	0.15
K360227		98.93	0.07
K360228		98.06	0.04
K360229		98.27	0.05
K360230		99.45	0.28
K360231		98.18	0.14
K360232		98.16	0.27
K360233		98.10	0.12
K360234		98.10	0.01
K360235		98.12	0.12
K360236		98.13	0.04
K360237		98.32	0.04
K360238		98.12	0.10
K360239		99.26	0.06
K360240		98.25	0.06
K360241		99.70	0.15
K360242		99.33	0.08
K360243		98.47	0.10
K360244		98.14	0.14
K360245		98.18	0.12
K360246		98.25	0.07
K360247		98.16	0.07
K360248		98.41	0.06
K360249		98.11	0.08
K360250		99.68	0.25
K360251		99.09	0.06
K360252		99.55	0.06
K360253		98.42	0.06
K360254		98.18	0.06
K360255		98.99	0.05
K360256		99.78	0.12
K360257		98.35	0.12



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Page: 3 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 6- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11068786**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360258		3.10	43.80	19.64	14.25	9.53	3.55	2.62	0.74	0.05	2.18	0.14	0.028	0.03	0.02	2.62
K360260		2.98	42.32	18.75	15.77	9.71	4.66	2.21	0.68	0.03	1.90	0.16	0.026	0.02	0.01	1.90
K360259		2.61	61.53	15.12	7.00	5.34	2.47	4.13	0.42	<0.01	0.72	0.07	0.037	0.02	0.01	2.17
K360261		2.86	45.36	22.13	11.27	10.44	3.17	2.89	0.89	0.02	1.51	0.12	0.035	0.03	0.03	2.05
K360262		2.84	44.64	18.69	13.39	8.76	4.03	2.56	0.59	0.03	1.93	0.16	0.037	0.02	0.01	3.31
K360263		2.95	42.10	16.68	17.51	9.60	6.31	1.95	0.55	0.03	1.84	0.20	0.024	0.02	0.01	2.19
K360264		2.87	37.79	11.37	26.31	8.34	8.66	1.17	0.21	0.05	2.87	0.25	0.019	0.01	0.01	1.52
K360265		2.97	42.35	17.38	15.85	10.85	5.41	1.87	0.54	0.03	1.83	0.17	0.023	0.02	0.01	2.36
K360266		2.83	40.51	12.94	21.75	9.55	6.92	1.58	0.37	0.04	2.83	0.21	0.057	0.02	0.01	1.51
K360267		2.81	42.60	15.30	18.57	9.12	6.12	1.97	0.49	0.01	2.28	0.19	0.068	0.02	0.01	1.66
K360268		3.80	36.71	11.64	27.61	8.14	7.60	1.21	0.29	0.03	3.76	0.25	0.038	0.02	0.01	1.01
K360269		3.79	35.48	10.91	29.72	8.02	7.45	1.17	0.23	0.02	3.78	0.25	0.039	0.01	0.01	0.99
K360270		2.99	45.40	19.55	12.19	9.86	4.55	2.73	0.75	<0.01	1.29	0.13	0.056	0.03	0.02	2.61
K360271		2.96	46.70	19.43	10.64	10.41	4.36	2.93	0.58	<0.01	1.06	0.12	0.036	0.03	0.01	2.32
K360272		2.90	53.43	17.19	10.13	7.87	3.58	3.40	0.56	<0.01	1.23	0.12	0.034	0.02	0.02	1.64
K360273		3.90	38.60	11.22	25.38	7.04	10.32	1.14	0.26	0.02	2.20	0.25	0.022	0.01	<0.01	2.28
K360274		2.79	73.74	13.26	2.45	1.95	0.88	4.98	0.23	<0.01	0.13	0.03	0.032	0.01	<0.01	1.01
K360275		0.11	16.53	5.84	56.21	3.37	4.75	0.46	0.09	0.04	11.45	0.30	0.023	0.01	0.01	0.37
K360276		2.07	36.67	7.25	29.37	5.55	12.58	0.51	0.10	0.03	2.83	0.29	0.020	0.01	<0.01	3.17
K360277		3.14	36.26	12.38	26.95	6.93	8.62	1.25	0.35	0.04	2.94	0.26	0.026	0.01	0.01	2.06
K360278		3.55	20.17	4.71	52.58	2.12	9.18	0.24	0.04	0.10	7.64	0.35	0.016	0.01	0.01	1.04
K360279		2.81	37.49	7.97	30.44	3.99	11.41	0.30	0.06	0.02	2.74	0.25	0.021	0.01	<0.01	3.68
K360280		2.92	46.32	16.64	13.96	9.96	4.83	2.36	0.62	<0.01	1.64	0.17	0.034	0.02	0.01	1.64
K360281		3.22	40.96	17.50	18.60	9.27	4.97	2.07	0.57	0.01	2.41	0.17	0.035	0.02	0.01	1.70
K360282		2.79	47.25	16.55	14.24	9.79	4.68	2.61	0.49	<0.01	1.68	0.16	0.044	0.02	0.02	1.77
K360283		3.11	43.50	14.36	18.82	9.21	5.57	2.00	0.42	0.02	2.63	0.20	0.029	0.02	0.01	1.84
K360284		2.86	49.93	14.26	15.80	7.34	3.83	2.57	0.31	0.02	2.36	0.15	0.029	0.02	0.01	1.85
K360285		2.69	36.71	16.15	23.28	8.95	4.57	1.67	0.40	0.05	3.79	0.22	0.026	0.02	0.01	2.60
K360286		3.08	44.67	13.17	16.00	12.17	7.61	1.36	0.24	0.01	1.69	0.20	0.018	0.02	0.01	2.05
K360287		2.45	45.36	20.77	7.03	14.54	3.21	2.11	0.21	<0.01	0.66	0.08	0.030	0.02	<0.01	4.37
K360288		2.35	44.32	16.35	15.22	7.89	7.11	2.32	0.45	<0.01	1.37	0.19	0.030	0.02	0.01	3.41
K360289		3.45	32.17	15.06	29.45	7.34	4.12	1.68	0.36	0.03	5.48	0.32	0.059	0.02	0.01	2.47
K360290		2.74	43.57	18.55	13.09	10.41	4.32	2.50	0.63	<0.01	1.25	0.15	0.055	0.03	0.01	3.65
K360291		3.21	38.64	16.05	19.93	9.34	5.43	1.92	0.53	0.01	2.71	0.24	0.045	0.02	0.01	3.38
K360292		2.94	39.87	15.15	19.88	9.20	6.17	1.64	0.37	0.02	2.60	0.24	0.018	0.01	<0.01	3.04
K360293		3.06	32.50	14.08	29.10	8.09	4.51	1.09	0.16	0.03	5.05	0.34	0.032	0.02	<0.01	3.12
K360294		3.19	35.53	16.85	19.19	12.06	5.03	1.23	0.20	0.01	3.17	0.23	0.040	0.02	<0.01	6.22
K360295		2.98	37.38	8.21	25.08	10.32	9.57	0.42	0.07	0.04	4.00	0.37	0.021	0.01	<0.01	2.69
K360296		2.74	41.16	17.31	12.05	13.97	4.93	1.50	0.30	0.01	0.99	0.13	0.029	0.04	<0.01	5.90
K360297		2.83	48.59	22.46	6.83	12.22	3.09	3.12	0.17	<0.01	0.69	0.08	0.015	0.03	<0.01	2.10



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Page: 3 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 6-JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11068786**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360258		99.19	0.08
K360260		98.15	0.07
K360259		99.04	0.03
K360261		99.94	0.05
K360262		98.16	0.06
K360263		99.02	0.08
K360264		98.58	0.12
K360265		98.68	0.07
K360266		98.30	0.11
K360267		98.42	0.08
K360268		98.30	0.13
K360269		98.08	0.15
K360270		99.17	0.05
K360271		98.83	0.04
K360272		99.22	0.05
K360273		98.75	0.09
K360274		98.70	<0.01
K360275		99.45	0.36
K360276		98.38	0.11
K360277		98.08	0.12
K360278		98.20	0.33
K360279		98.38	0.11
K360280		98.20	0.06
K360281		98.30	0.09
K360282		99.30	0.06
K360283		98.62	0.10
K360284		98.47	0.08
K360285		98.44	0.14
K360286		99.21	0.07
K360287		98.39	0.03
K360288		98.69	0.05
K360289		98.58	0.21
K360290		98.21	0.04
K360291		98.27	0.09
K360292		98.22	0.09
K360293		98.12	0.18
K360294		99.78	0.10
K360295		98.18	0.14
K360296		98.32	0.05
K360297		99.40	0.04



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Page: 4 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 6- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11068786**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
K360298		2.94	51.83	19.92	7.46	10.48	2.93	3.05	0.16	<0.01	0.85	0.09	0.039	0.02	<0.01	2.38
K360299		3.09	54.23	20.57	6.53	9.60	2.27	3.40	0.23	<0.01	0.71	0.08	0.052	0.03	0.01	1.17
K360300		0.98	70.71	15.35	1.84	1.58	0.81	5.85	1.52	<0.01	0.13	0.03	0.055	0.03	0.05	0.83
K360301		2.61	39.44	8.18	26.37	10.74	8.85	0.86	0.04	0.04	3.52	0.26	0.015	0.01	<0.01	0.10
K360302		2.18	47.43	18.66	11.17	11.24	4.64	2.54	0.21	0.01	1.13	0.13	0.018	0.02	0.01	2.12
K360303		3.37	39.37	8.88	26.64	10.72	8.75	0.97	0.03	0.04	3.56	0.26	0.014	0.01	0.01	-0.09
K360304		3.10	42.71	11.93	21.72	11.06	8.23	1.42	0.04	0.03	2.66	0.24	0.016	0.02	<0.01	-0.12
K360305		3.18	41.85	10.40	22.93	10.78	8.62	1.23	0.03	0.04	2.84	0.24	0.015	0.01	<0.01	-0.48
K360306		3.08	40.37	10.93	23.17	10.51	8.31	1.19	0.06	0.05	2.89	0.24	0.013	0.01	<0.01	0.35
K360307		1.64	43.04	12.43	20.86	10.22	7.55	1.50	0.06	0.04	2.54	0.22	0.018	0.01	<0.01	0.00
K360308		2.62	49.44	21.02	7.95	10.87	3.19	3.07	0.17	<0.01	0.85	0.09	0.029	0.02	<0.01	1.88
K360309		3.07	47.36	21.45	8.37	11.75	3.16	2.81	0.14	<0.01	0.98	0.09	0.018	0.02	<0.01	2.06
K360310		2.66	48.07	22.81	6.91	11.58	2.34	3.09	0.08	<0.01	0.69	0.08	0.022	0.02	<0.01	2.75
K360311		3.82	46.51	22.35	8.57	11.23	2.91	2.90	0.12	<0.01	1.01	0.09	0.023	0.02	<0.01	2.56
K360312		3.43	47.14	22.03	8.81	11.61	3.16	2.84	0.15	<0.01	1.02	0.10	0.027	0.02	<0.01	1.51
K360313		3.75	45.97	21.14	9.46	11.89	3.48	2.68	0.14	<0.01	1.14	0.10	0.026	0.02	<0.01	2.05



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Page: 4 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 6- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11068786**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360298		99.21	0.03
K360299		98.87	0.03
K360300		98.78	<0.01
K360301		98.42	0.16
K360302		99.33	0.05
K360303		99.16	0.16
K360304		99.95	0.11
K360305		98.51	0.13
K360306		98.10	0.13
K360307		98.49	0.11
K360308		98.57	0.04
K360309		98.20	0.05
K360310		98.43	0.03
K360311		98.28	0.04
K360312		98.41	0.04
K360313		98.10	0.05



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Page: 1  
Finalisée date: 9- JUIN- 2011  
Compte: PET

**CERTIFICAT VO11083654**

Projet: IT  
Bon de commande #:  
Ce rapport s'applique aux 5 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- MAI- 2011.  
Les résultats sont transmis à:  
CHRISTIAN DEROSIER | DON FORAN | ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
FND- 03	Localiser rejet par analyse suppl.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50 g FA fini AA	AAS

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:



Colin Ramshaw, Vancouver Laboratory Manager





ALS Canada Ltd.  
 2103 Dollarton Hwy  
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Page: 2 - A  
 Nombre total de pages: 2 (A)  
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Projet: IT

**CERTIFICAT D'ANALYSE VO11083654**

Description échantillon	Méthode élément unités L.D.	WEI- 21	Au- AA24
		Poids reçu kg 0.02	Au ppm 0.005
K360658		2.38	<0.005
K360672		0.86	<0.005
K360673		1.30	<0.005
K360688		1.77	<0.005
K360713		1.13	<0.005

Commentaire: \*\*\*Sample K360658 is from VO11083652 Reject\*\*\*



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**CERTIFICAT VO11083655**

Projet: IT  
Bon de commande #: 1/1  
Ce rapport s'applique à 1 échantillon de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- MAI- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
PGM- ICP24	Pt, Pd et Au 50 g FA ICP	ICP- AES

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Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Nombre total de pages: 2 (A)  
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**CERTIFICAT D'ANALYSE VO11083655**

Description échantillon	Méthode élément unités L.D.	WEI- 21	PGM- ICP24	PGM- ICP24	PGM- ICP24
		Poids reçu kg 0.02	Au ppm 0.001	Pt ppm 0.005	Pd ppm 0.001
K360657		1.16	<0.001	<0.005	<0.001



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Page: 1  
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**CERTIFICATE VO11083655**

Project: IT  
P.O. No.: 1/1  
This report is for 1 Drill Core sample submitted to our lab in Val d'Or, QC, Canada on 12- MAY- 2011.

The following have access to data associated with this certificate:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP24	Pt, Pd, Au 50g FA ICP	ICP- AES

To: APELLA RESOURCES INC.  
ATTN: DON FORAN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A)  
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Project: IT

**CERTIFICATE OF ANALYSIS VO11083655**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	PGM- ICP24 Au ppm 0.001	PGM- ICP24 Pt ppm 0.005	PGM- ICP24 Pd ppm 0.001
K360657		1.16	<0.001	<0.005	<0.001



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**CERTIFICATE VO11083654**

Project: IT  
 P.O. No.:  
 This report is for 5 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 12- MAY- 2011.

The following have access to data associated with this certificate:

CHRISTIAN DEROSIER	DON FORAN	ROGER MOAR
--------------------	-----------	------------

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
FND- 03	Find Reject for Addn Analysis
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: APELLA RESOURCES INC.  
 ATTN: DON FORAN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: IT

**CERTIFICATE OF ANALYSIS VO11083654**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
K360658		2.38	<0.005
K360672		0.86	<0.005
K360673		1.30	<0.005
K360688		1.77	<0.005
K360713		1.13	<0.005

Comments: \*\*\*Sample K360658 is from VO11083652 Reject\*\*\*



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Compte: PET

**CERTIFICAT VO11068787**

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 125 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22- AVRIL- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
V- XRF10	XRF de Fusion- le Degré de Minéral de V	XRF
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM

À: APELLA RESOURCES INC.  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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**CERTIFICAT D'ANALYSE VO11068787**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360314		2.90	44.37	17.08	14.07	11.74	5.66	2.06	0.14	0.03	1.59	0.16	0.017	0.02	<0.01	1.19
K360315		2.83	46.84	20.40	10.10	12.63	4.40	2.37	0.15	0.02	1.09	0.12	0.018	0.03	0.01	1.79
K360316		2.51	45.64	19.67	12.33	11.49	5.17	2.45	0.21	0.03	1.22	0.14	0.019	0.02	0.01	1.80
K360317		3.09	43.21	15.91	16.93	9.98	6.82	1.80	0.15	0.05	1.61	0.18	0.019	0.02	<0.01	1.63
K360318		2.68	45.18	20.22	12.11	10.46	4.80	2.47	0.28	0.02	1.11	0.12	0.017	0.02	<0.01	1.71
K360319		2.72	44.45	17.81	12.92	9.07	5.53	2.55	0.38	0.04	1.10	0.13	0.017	0.02	<0.01	4.35
K360320		3.05	45.47	15.52	15.00	8.62	7.98	1.88	0.48	0.04	0.88	0.18	0.025	0.02	0.01	3.56
K360321		2.92	48.85	24.13	4.80	10.99	2.34	3.35	0.35	<0.01	0.23	0.06	0.022	0.03	<0.01	3.13
K360322		3.16	46.93	22.83	7.23	11.49	3.45	2.90	0.32	0.02	0.65	0.09	0.018	0.03	0.01	2.55
K360323		3.47	47.73	22.60	6.83	12.63	3.39	2.81	0.21	0.01	0.64	0.09	0.035	0.03	<0.01	2.54
K360324		3.32	48.99	19.35	7.82	11.22	4.05	2.42	0.07	0.02	0.41	0.09	0.021	0.03	<0.01	4.05
K360325		0.10	16.51	5.80	56.03	3.39	4.76	0.47	0.09	0.04	11.44	0.29	0.022	0.01	<0.01	0.42
K360326		2.77	42.82	18.05	10.23	12.85	6.85	0.70	0.28	0.04	0.48	0.12	0.020	0.02	<0.01	5.82
K360327		3.63	37.40	16.42	19.71	8.32	7.81	0.80	0.15	0.23	2.78	0.18	0.048	0.04	<0.01	5.35
K360328		2.80	33.82	15.15	23.24	7.02	10.09	0.49	0.06	0.19	2.33	0.22	0.033	0.03	<0.01	5.71
K360329		3.23	38.83	17.26	15.88	9.65	8.05	0.71	0.20	0.12	1.62	0.15	0.103	0.05	<0.01	5.61
K360330		2.26	48.00	14.63	9.29	9.88	10.30	2.74	0.22	0.06	0.84	0.13	0.430	0.13	0.01	3.35
K360331		2.58	36.21	11.86	25.67	5.82	13.55	0.63	0.13	0.07	1.22	0.25	0.021	0.02	<0.01	4.55
K360332		2.30	47.12	12.48	7.48	10.78	11.42	2.56	0.43	0.08	0.51	0.11	0.308	0.05	<0.01	4.97
K360333		2.19	47.51	27.22	2.82	9.69	0.96	3.02	3.24	<0.01	0.19	0.03	0.068	0.03	0.05	3.80
K360334		2.20	47.29	22.23	6.96	11.38	3.06	2.94	0.09	<0.01	0.80	0.08	0.081	0.02	<0.01	3.59
K360335		2.38	46.62	21.88	8.35	12.14	3.69	2.62	0.11	0.01	0.74	0.11	0.031	0.03	<0.01	3.29
K360336		3.07	44.31	20.20	10.27	10.92	3.50	2.91	0.72	<0.01	1.29	0.11	0.059	0.03	0.01	4.20
K360337		3.02	46.49	20.81	9.58	11.57	3.51	2.86	0.58	<0.01	1.08	0.12	0.045	0.03	0.01	2.34
K360338		2.97	44.07	14.82	17.67	7.73	7.93	1.69	0.32	<0.01	1.17	0.21	0.037	0.02	0.01	2.71
K360339		2.96	42.81	18.95	15.00	8.80	4.86	2.56	0.45	<0.01	1.74	0.16	0.025	0.02	0.01	3.00
K360340		2.90	35.75	11.51	30.16	6.36	9.21	0.90	0.16	0.03	3.48	0.28	0.031	0.01	0.01	2.11
K360341		3.11	29.67	12.09	35.69	6.19	5.47	1.20	0.26	0.05	5.87	0.23	0.035	0.01	0.01	1.42
K360342		2.83	43.02	20.58	14.58	9.20	4.06	3.03	0.45	0.04	1.64	0.13	0.016	0.03	0.01	2.50
K360343		2.80	41.45	17.85	17.77	10.48	5.26	1.96	0.40	0.05	2.27	0.16	0.020	0.02	0.01	2.18
K360344		3.05	43.31	15.64	15.89	11.57	6.23	1.67	0.25	0.02	1.57	0.18	0.018	0.02	<0.01	1.93
K360345		2.58	43.59	12.65	12.87	11.07	6.00	1.85	0.10	0.01	1.09	0.13	0.053	0.01	<0.01	8.73
K360348		3.84	39.26	16.29	20.72	9.64	6.44	1.51	0.31	0.10	2.50	0.20	0.026	0.03	0.01	2.93
K360349		3.37	43.81	20.68	12.50	10.98	4.96	2.08	0.45	0.03	1.13	0.13	0.023	0.03	0.01	3.18
K360350		0.09	28.46	5.48	42.39	7.19	7.64	0.63	0.09	0.02	7.43	0.31	0.022	0.01	<0.01	0.02
K360351		3.50	41.87	19.38	14.52	9.97	5.81	1.82	0.39	0.05	1.20	0.14	0.019	0.02	<0.01	3.14
K360352		3.40	45.18	20.59	11.16	11.85	5.07	2.15	0.37	0.05	0.96	0.12	0.020	0.03	0.01	2.75
K360353		3.70	42.64	17.80	15.29	10.48	6.80	1.75	0.31	0.08	1.23	0.16	0.023	0.02	<0.01	2.56
K360354		3.52	42.46	16.89	16.74	9.34	7.18	1.60	0.25	0.07	1.35	0.17	0.019	0.02	<0.01	2.88
K360355		3.48	43.60	20.15	13.50	9.91	5.89	2.25	0.32	0.06	1.08	0.13	0.018	0.02	0.01	2.99



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Page: 2 - B  
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Projet: IT

CERTIFICAT D'ANALYSE VO11068787

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360314		98.13	0.07
K360315		99.96	0.05
K360316		100.00	0.06
K360317		98.30	0.07
K360318		98.51	0.05
K360319		98.38	0.05
K360320		99.67	0.04
K360321		98.28	0.02
K360322		98.51	0.03
K360323		99.55	0.03
K360324		98.54	0.02
K360325		99.28	0.36
K360326		98.28	0.03
K360327		99.23	0.12
K360328		98.38	0.10
K360329		98.24	0.07
K360330		100.00	0.03
K360331		100.00	0.06
K360332		98.30	0.02
K360333		98.42	0.01
K360334		98.50	0.02
K360335		99.61	0.03
K360336		98.53	0.04
K360337		98.83	0.04
K360338		98.38	0.04
K360339		98.39	0.06
K360340		100.00	0.13
K360341		98.20	0.23
K360342		99.28	0.07
K360343		99.88	0.10
K360344		98.30	0.07
K360345		98.16	0.05
K360348		99.96	0.12
K360349		99.99	0.05
K360350		99.69	0.25
K360351		98.33	0.06
K360352		100.10	0.05
K360353		98.95	0.06
K360354		98.96	0.06
K360355		99.93	0.05



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Page: 3 - A  
 Nombre total de pages: 5 (A - B)  
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**CERTIFICAT D'ANALYSE VO11068787**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360356		3.56	34.80	16.02	25.37	8.03	6.30	1.37	0.22	0.26	3.27	0.19	0.021	0.02	0.01	2.61
K360357		3.33	46.48	17.53	13.58	8.80	6.15	2.89	0.25	0.08	1.32	0.14	0.054	0.03	0.01	2.71
K360358		2.17	45.76	21.87	9.29	9.85	4.16	2.71	0.53	0.02	0.65	0.10	0.032	0.04	0.01	3.61
K360359		2.76	45.49	18.24	10.38	14.62	2.99	1.13	0.15	0.03	1.61	0.09	0.029	0.02	<0.01	4.06
K360360		1.80	41.12	15.91	20.06	7.07	6.10	2.11	0.39	0.05	2.53	0.22	0.028	0.01	0.01	3.33
K360361		2.70	46.50	19.93	10.72	10.20	3.65	2.64	0.56	0.01	1.16	0.10	0.036	0.03	0.01	3.63
K360362		1.72	50.17	9.00	18.71	7.07	10.50	1.25	0.11	<0.01	0.48	0.33	0.032	0.01	<0.01	0.49
K360363		3.11	48.89	6.73	23.75	6.81	11.83	0.88	0.07	<0.01	1.57	0.37	0.059	0.01	<0.01	0.01
K360364		3.00	42.05	5.81	29.36	6.57	11.11	0.63	0.04	0.01	3.36	0.36	0.033	0.01	<0.01	-0.60
K360365		3.14	48.05	11.54	19.17	9.90	8.06	1.39	0.09	<0.01	1.94	0.27	0.032	0.01	<0.01	0.18
K360366		3.25	43.41	12.90	21.06	9.97	6.05	1.63	0.11	<0.01	3.05	0.23	0.033	0.02	<0.01	0.41
K360367		1.77	41.29	12.83	22.22	10.30	6.19	1.51	0.12	<0.01	3.44	0.24	0.024	0.02	<0.01	0.65
K360368		2.81	44.18	15.56	17.59	10.27	6.14	1.98	0.28	<0.01	2.28	0.22	0.033	0.02	0.01	1.31
K360369		2.65	47.78	12.16	15.00	10.82	7.59	1.58	0.23	<0.01	1.06	0.23	0.042	0.01	<0.01	1.88
K360370		2.58	43.60	14.19	19.07	8.47	6.23	2.01	0.23	<0.01	2.49	0.24	0.037	0.01	<0.01	1.97
K360371		2.17	43.41	11.15	22.15	8.75	7.65	1.26	0.33	<0.01	2.65	0.26	0.024	0.01	<0.01	1.35
K360372		1.16	59.75	14.11	8.31	7.15	3.41	3.25	0.24	0.01	0.71	0.12	0.154	0.02	<0.01	1.24
K360373		2.84	44.08	12.12	20.30	8.79	7.91	1.71	0.34	<0.01	2.33	0.26	0.044	0.02	0.01	2.10
K360374		2.84	44.98	18.32	14.20	9.50	3.81	2.45	0.59	<0.01	2.02	0.16	0.054	0.02	0.01	2.26
K360375		0.08	37.27	15.85	24.09	9.36	6.48	1.55	0.09	0.08	2.95	0.18	0.022	0.01	0.01	0.84
K360376		3.21	49.74	17.07	12.17	8.27	3.97	3.05	0.50	<0.01	1.55	0.15	0.093	0.02	0.01	2.38
K360377		2.82	47.77	18.88	10.30	10.53	4.31	2.68	0.77	<0.01	0.90	0.14	0.047	0.02	0.02	2.70
K360378		2.81	46.85	19.45	10.75	10.18	3.75	2.68	0.84	<0.01	0.97	0.12	0.038	0.02	0.02	2.95
K360379		2.77	45.88	21.71	10.29	9.93	2.25	3.11	1.00	<0.01	1.41	0.10	0.088	0.03	0.02	3.10
K360380		2.85	48.94	21.59	8.34	11.24	2.56	2.90	0.97	<0.01	0.99	0.09	0.165	0.03	0.02	2.77
K360381		2.18	47.25	20.65	9.42	10.01	2.89	3.11	0.97	<0.01	1.25	0.11	0.105	0.03	0.02	2.70
K360382		2.85	40.69	12.71	22.50	8.76	6.49	1.58	0.26	0.01	3.42	0.25	0.043	0.02	0.01	1.95
K360383		2.59	40.20	14.41	20.00	11.42	5.29	1.52	0.19	0.01	3.17	0.20	0.028	0.02	<0.01	2.08
K360384		2.97	42.08	15.88	18.74	10.22	5.19	2.18	0.25	0.02	2.62	0.19	0.028	0.02	0.01	2.65
K360385		2.46	43.97	14.56	16.13	12.72	4.15	0.96	0.09	<0.01	2.42	0.16	0.035	0.02	<0.01	3.25
K360386		2.94	38.15	14.32	22.95	10.30	5.09	0.80	0.11	0.01	3.62	0.21	0.027	0.01	<0.01	3.47
K360387		1.51	36.91	15.07	24.21	8.47	5.06	1.50	0.11	0.02	4.56	0.23	0.021	0.02	<0.01	3.04
K360388		2.13	29.80	10.78	34.90	6.24	7.34	0.42	0.06	0.06	5.54	0.29	0.028	0.01	<0.01	2.90
K360389		3.17	42.13	16.21	17.73	10.09	4.40	2.22	0.28	0.01	2.95	0.19	0.052	0.02	<0.01	2.47
K360390		1.76	30.06	12.79	28.51	7.94	6.09	0.51	0.12	0.06	8.61	0.39	0.024	0.01	<0.01	3.32
K360391		3.07	38.34	14.92	19.23	13.76	4.78	0.14	0.08	<0.01	2.69	0.19	0.064	0.05	<0.01	3.88
K360392		2.81	44.06	17.88	14.60	8.78	3.90	2.73	0.86	<0.01	2.60	0.16	0.048	0.03	0.02	3.01
K360393		2.99	44.17	17.35	15.26	10.89	4.91	2.21	0.67	<0.01	2.20	0.19	0.080	0.03	0.02	2.04
K360394		2.77	44.78	16.40	15.45	10.14	4.61	2.19	0.63	<0.01	2.35	0.18	0.041	0.02	0.01	1.79
K360395		1.84	42.02	15.91	17.81	9.86	5.57	2.13	0.63	0.01	2.68	0.21	0.045	0.02	0.02	1.88



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Page: 3 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 14- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11068787**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
K360356		98.49	0.14
K360357		100.00	0.05
K360358		98.62	0.03
K360359		98.84	0.06
K360360		98.93	0.08
K360361		99.18	0.04
K360362		98.16	0.02
K360363		98.98	0.05
K360364		98.74	0.10
K360365		98.63	0.05
K360366		98.87	0.08
K360367		98.84	0.09
K360368		99.87	0.06
K360369		98.38	0.03
K360370		98.55	0.07
K360371		98.99	0.08
K360372		98.47	0.02
K360373		100.00	0.07
K360374		98.37	0.05
K360375		98.78	0.16
K360376		98.98	0.03
K360377		99.06	0.03
K360378		98.62	0.03
K360379		98.93	0.03
K360380		98.60	0.02
K360381		98.52	0.03
K360382		98.68	0.11
K360383		98.55	0.11
K360384		100.05	0.09
K360385		98.46	0.08
K360386		99.07	0.12
K360387		99.22	0.13
K360388		98.36	0.20
K360389		98.75	0.08
K360390		98.43	0.27
K360391		98.11	0.07
K360392		98.69	0.07
K360393		100.00	0.07
K360394		98.59	0.07
K360395		98.79	0.08



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Page: 4 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 14- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11068787**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360396		3.05	25.74	3.84	45.97	4.73	11.13	0.11	0.03	0.03	5.83	0.28	0.030	0.01	0.01	1.58
K360397		3.37	22.94	2.64	51.05	3.95	10.62	0.06	0.02	0.04	6.39	0.26	0.021	0.01	0.01	1.12
K360398		2.99	20.08	3.18	53.33	4.20	9.02	0.07	0.02	0.06	9.05	0.33	0.018	0.01	0.01	0.40
K360399		3.16	23.25	4.11	48.20	4.61	9.88	0.10	0.02	0.04	7.38	0.31	0.016	0.01	0.01	0.76
K360400		0.38	70.72	15.08	2.22	2.23	0.85	5.44	1.36	<0.01	0.19	0.03	0.052	0.03	0.05	0.62
K360401		3.40	20.07	3.49	52.16	4.59	7.75	0.08	0.02	0.05	9.33	0.33	0.015	0.01	0.01	0.46
K360402		3.24	16.58	2.68	57.13	4.44	6.35	0.07	0.03	0.04	11.31	0.36	0.013	0.01	0.01	-0.08
K360403		2.31	26.72	7.40	39.00	5.20	8.06	0.15	0.08	0.02	8.30	0.31	0.045	0.01	0.01	3.15
K360404		2.79	66.04	14.11	5.92	3.10	1.87	4.40	0.31	0.01	0.52	0.05	0.120	0.01	<0.01	2.06
K360405		3.16	62.03	15.07	7.16	4.24	2.27	4.13	0.30	<0.01	0.76	0.06	0.189	0.01	<0.01	2.53
K360406		2.05	61.31	15.13	7.48	4.44	2.42	4.48	0.21	<0.01	0.86	0.07	0.207	0.01	<0.01	2.58
K360407		1.61	61.83	15.05	7.65	3.56	2.28	5.15	0.22	<0.01	0.83	0.08	0.204	0.01	<0.01	2.48
K360408		2.46	30.73	6.27	36.71	7.83	6.78	0.36	0.16	0.04	7.24	0.31	0.038	0.01	0.01	2.11
K360409		2.92	29.50	6.43	39.40	8.30	7.44	0.29	0.14	0.03	7.53	0.30	0.013	0.01	0.01	0.70
K360410		2.54	28.11	4.74	42.06	7.44	7.60	0.16	0.05	0.03	7.48	0.30	0.013	0.01	0.01	0.55
K360411		3.32	24.33	4.27	46.75	6.46	7.28	0.15	0.05	0.04	8.86	0.33	0.011	0.01	0.01	-0.08
K360412		3.71	24.75	3.09	47.94	6.83	7.62	0.19	0.05	0.04	9.00	0.33	0.014	0.01	0.01	-0.29
K360413		3.72	23.52	2.61	49.19	7.10	7.52	0.13	0.03	0.04	8.19	0.32	0.012	0.01	0.01	-0.56
K360414		3.82	27.15	3.99	44.71	7.11	7.83	0.28	0.06	0.03	8.56	0.33	0.016	0.01	0.01	-0.09
K360415		2.04	70.59	13.78	3.94	2.57	0.90	5.34	0.17	<0.01	0.29	0.03	0.073	0.01	<0.01	1.19
K360416		1.76	40.54	10.79	23.22	10.14	6.98	0.71	0.16	<0.01	3.88	0.30	0.102	0.02	<0.01	1.77
K360417		2.07	40.84	7.71	24.16	11.23	8.66	0.53	0.17	0.01	3.43	0.30	0.097	0.02	<0.01	1.38
K360418		3.23	29.00	2.87	41.55	8.18	7.60	0.23	0.07	0.03	8.53	0.33	0.013	0.01	0.01	0.29
K360419		2.52	27.56	2.73	40.34	10.25	7.07	0.20	0.10	0.04	8.32	0.30	0.012	0.01	0.01	1.69
K360420		2.16	39.74	6.70	27.16	8.03	6.66	1.36	0.17	0.02	6.87	0.33	0.034	0.01	0.02	1.44
K360421		2.76	33.32	3.36	38.00	8.32	7.95	0.30	0.10	0.03	6.89	0.31	0.013	0.01	0.01	-0.10
K360422		4.70	27.15	4.67	43.46	7.69	8.34	0.24	0.09	0.04	7.87	0.30	0.015	0.01	0.01	0.12
K360423		4.33	18.42	3.75	56.12	4.08	5.93	0.13	0.04	0.06	11.73	0.37	0.013	0.01	0.01	-0.64
K360424		2.77	22.67	4.78	46.70	5.94	6.50	0.16	0.07	0.04	9.12	0.31	0.013	0.01	0.01	2.26
K360425		0.10	37.45	15.91	23.67	9.42	6.55	1.57	0.07	0.07	2.92	0.17	0.022	0.02	<0.01	0.80
K360426		1.46	23.59	3.56	48.57	6.03	7.48	0.17	0.05	0.05	9.29	0.32	0.016	0.01	0.01	-0.40
K360427		2.46	22.75	6.33	47.05	5.94	6.79	0.22	0.07	0.04	8.83	0.31	0.018	0.01	0.01	0.15
K360428		3.17	19.98	3.52	53.02	5.07	6.76	0.14	0.04	0.04	10.14	0.33	0.013	0.01	0.01	-0.51
K360429		1.96	18.93	3.00	55.78	3.90	5.89	0.23	0.03	0.05	11.08	0.34	0.014	0.01	0.01	-1.08
K360430		2.83	15.86	2.69	58.65	4.02	6.07	0.08	0.02	0.05	11.61	0.34	0.012	0.01	0.01	-0.93
K360431		2.54	13.90	2.96	62.05	3.61	5.83	0.08	0.02	0.06	12.15	0.37	0.012	0.01	0.01	-1.06
K360432		2.16	18.20	2.57	56.50	4.99	6.36	0.09	0.02	0.05	11.16	0.33	0.012	0.01	0.01	-0.65
K360433		2.78	26.07	2.36	45.46	7.80	8.18	0.11	0.03	0.03	8.02	0.29	0.017	0.01	0.01	-0.10
K360434		2.65	24.66	2.44	48.40	6.46	7.22	0.11	0.05	0.03	8.92	0.30	0.012	0.01	0.01	0.05
K360435		2.08	20.69	2.60	53.28	5.58	6.67	0.11	0.03	0.05	10.41	0.33	0.012	0.01	0.01	-0.48



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Page: 4 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 14- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11068787**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360396		99.31	0.22
K360397		99.13	0.25
K360398		99.77	0.34
K360399		98.69	0.28
K360400		98.87	<0.01
K360401		98.35	0.29
K360402		98.94	0.33
K360403		98.46	0.21
K360404		98.52	<0.01
K360405		98.75	0.01
K360406		99.19	0.01
K360407		99.34	0.01
K360408		98.59	0.24
K360409		100.10	0.23
K360410		98.55	0.22
K360411		98.46	0.28
K360412		99.58	0.28
K360413		99.12	0.28
K360414		100.00	0.26
K360415		98.88	<0.01
K360416		98.61	0.09
K360417		98.53	0.09
K360418		98.71	0.26
K360419		98.63	0.24
K360420		98.54	0.18
K360421		98.51	0.21
K360422		100.00	0.24
K360423		100.05	0.37
K360424		98.57	0.28
K360425		98.65	0.15
K360426		98.75	0.29
K360427		98.51	0.26
K360428		98.55	0.29
K360429		98.18	0.33
K360430		98.49	0.36
K360431		100.00	0.40
K360432		99.65	0.34
K360433		98.28	0.24
K360434		98.67	0.28
K360435		99.30	0.32



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Page: 5 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 14- JUIN- 2011  
 Compte: PET

Projet: IT

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Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
K360436		2.80	25.20	2.63	46.45	7.13	8.29	0.13	0.03	0.03	8.70	0.31	0.015	0.01	0.01	-0.22
K360437		1.86	23.43	4.20	48.88	5.79	5.56	0.18	0.06	0.04	9.73	0.35	0.018	0.01	0.01	0.08
K360438		2.44	41.86	8.07	25.91	7.30	5.32	1.29	0.09	0.02	5.48	0.23	0.059	0.01	<0.01	2.60
K360439		3.37	34.89	13.49	26.61	9.29	6.57	0.12	0.04	0.01	2.43	0.16	0.045	0.04	<0.01	5.04
K360440		3.49	36.77	13.53	24.08	9.86	6.40	0.39	0.06	0.02	2.88	0.18	0.042	0.02	<0.01	4.14



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Page: 5 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 14- JUIN- 2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE VO11068787

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360436		98.72	0.27
K360437		98.33	0.30
K360438		98.23	0.15
K360439		98.74	0.09
K360440		98.38	0.11





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Page: 1  
Finalisée date: 15- JUIN- 2011  
Compte: PET

## CERTIFICAT VO11078884

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Bon de commande #:

Ce rapport s'applique aux 51 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 9- MAI- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre


## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V- XRF10	XRF de Fusion- le Degré de Mineral de V	XRF
Au- AA24	Au 50 g FA fini AA	AAS
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
SUITE 1600  
543 GRANVILLE STREET  
VANCOUVER BC V6C 1X8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11078884**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360584		3.08	44.28	17.98	14.07	11.46	4.00	2.23	0.25	<0.01	2.17	0.17	0.101	0.02	<0.01	1.66
K360585		3.26	44.77	18.09	13.47	11.75	4.04	2.01	0.37	<0.01	1.85	0.16	0.111	0.02	0.01	1.92
K360586		3.24	48.74	18.15	12.30	9.14	3.23	2.81	0.44	<0.01	1.60	0.13	0.075	0.02	0.01	1.70
K360587		3.14	36.88	13.06	26.39	8.80	7.30	1.16	0.23	0.01	3.55	0.25	0.019	0.01	<0.01	1.92
K360588		3.34	38.24	13.09	25.31	9.38	5.78	1.45	0.21	0.01	4.05	0.22	0.019	0.01	<0.01	0.42
K360589		3.24	42.02	13.49	19.75	10.56	6.03	1.83	0.29	<0.01	2.79	0.22	0.057	0.02	0.01	1.58
K360590		3.10	42.40	10.79	20.41	11.56	7.26	1.14	0.21	<0.01	2.77	0.25	0.096	0.01	<0.01	1.38
K360591		2.68	45.18	11.63	18.17	10.80	7.13	1.33	0.22	<0.01	1.93	0.24	0.073	0.01	<0.01	1.56
K360592		3.54	26.05	7.39	43.15	6.06	5.15	0.60	0.16	0.02	8.21	0.29	0.051	0.01	0.01	0.98
K360593		2.92	34.51	10.68	30.94	8.31	5.98	0.97	0.25	0.02	5.43	0.26	0.038	0.01	<0.01	1.01
K360594		2.46	41.87	11.72	21.08	10.18	6.93	1.45	0.31	0.01	3.11	0.24	0.085	0.02	0.01	2.44
K360595		2.66	39.75	16.75	18.70	9.32	3.56	2.16	0.30	0.01	4.31	0.22	0.208	0.02	<0.01	2.87
K360596		2.68	43.76	19.14	14.20	9.16	3.12	2.83	0.53	<0.01	2.59	0.16	0.075	0.02	0.01	2.90
K360597		3.00	43.39	14.82	18.70	10.19	6.23	1.95	0.44	0.01	2.37	0.23	0.036	0.02	0.01	1.49
K360598		3.46	41.44	14.01	20.18	9.93	6.01	1.76	0.30	0.01	3.09	0.24	0.053	0.01	<0.01	1.49
K360599		2.96	38.15	14.38	24.21	8.92	4.88	1.86	0.43	0.03	4.68	0.24	0.072	0.02	0.01	1.41
K360600		0.48	70.60	15.41	1.85	2.19	0.85	5.77	1.60	<0.01	0.16	0.03	0.053	0.03	0.05	0.48
K360601		2.68	40.79	17.26	18.25	7.28	5.80	2.16	0.66	<0.01	2.78	0.22	0.121	0.02	0.01	2.85
K360602		1.70	41.24	16.40	18.70	8.69	7.65	1.88	0.46	0.01	2.29	0.24	0.039	0.02	0.01	2.29
K360603		3.16	28.09	5.47	41.86	3.92	10.65	0.37	0.08	0.03	5.50	0.32	0.047	0.01	<0.01	2.34
K360604		3.50	25.50	3.70	46.71	2.65	11.26	0.21	0.04	0.03	6.08	0.35	0.035	0.01	<0.01	2.40
K360605		2.84	29.07	5.98	39.33	4.22	11.28	0.33	0.04	0.03	5.17	0.36	0.023	0.01	<0.01	2.60
K360606		3.28	30.87	6.18	37.97	4.85	11.49	0.45	0.06	0.03	4.30	0.30	0.020	0.01	<0.01	2.12
K360607		3.96	19.95	5.52	51.01	3.44	7.76	0.32	0.04	0.05	8.86	0.33	0.018	0.01	0.01	0.85
K360608		2.80	13.72	3.10	60.63	3.10	6.18	0.10	0.02	0.05	11.51	0.36	0.013	<0.01	0.01	-0.60
K360609		3.38	21.56	2.70	52.98	3.52	10.14	0.11	0.02	0.05	7.80	0.29	0.016	0.01	0.01	0.83
K360610		3.46	20.13	3.07	52.73	4.93	7.93	0.12	0.02	0.05	9.25	0.32	0.018	0.01	0.01	-0.29
K360611		3.36	20.61	3.41	51.47	5.63	7.49	0.16	0.02	0.04	9.28	0.32	0.015	0.01	0.01	-0.13
K360612		3.90	25.98	2.58	45.48	7.93	8.53	0.13	0.02	0.03	7.60	0.31	0.020	0.01	0.01	-0.01
K360613		3.10	30.88	6.77	36.68	8.25	9.05	0.46	0.05	0.03	5.92	0.28	0.017	0.01	<0.01	1.34
K360614		3.24	29.13	7.08	38.01	8.36	7.88	0.44	0.05	0.03	6.58	0.30	0.018	0.01	0.01	0.56
K360615		2.66	34.79	8.25	30.78	9.97	8.58	0.52	0.06	0.03	4.87	0.27	0.018	0.01	<0.01	0.89
K360616		2.10	27.66	4.64	42.17	7.97	7.17	0.44	0.07	0.05	7.94	0.31	0.017	0.01	0.01	-0.12
K360617		3.62	33.11	7.47	33.58	9.03	7.82	0.62	0.12	0.04	5.55	0.28	0.017	0.01	0.01	1.25
K360618		3.06	36.30	8.09	26.96	10.56	9.32	0.49	0.07	0.03	3.91	0.26	0.017	0.01	0.01	2.98
K360619		4.72	27.58	6.44	39.16	8.26	7.49	0.32	0.04	0.05	7.27	0.31	0.016	0.01	0.01	1.39
K360620		3.08	40.19	14.81	19.18	11.11	7.14	1.28	0.28	0.01	2.29	0.22	0.046	0.02	0.01	3.42
K360621		3.02	27.75	5.09	40.13	8.84	7.53	0.32	0.03	0.04	7.35	0.33	0.015	0.01	0.01	1.04
K360622		3.04	32.13	3.89	36.21	10.25	9.50	0.20	0.03	0.04	6.34	0.33	0.016	0.01	0.01	1.04
K360623		1.36	35.67	6.23	31.24	9.95	8.83	0.53	0.10	0.04	5.91	0.33	0.015	0.01	0.01	1.14



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Page: 2 - B  
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 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11078884**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10	Au- AA24
		Total %	V %	Au ppm
K360584		98.36	0.06	
K360585		98.57	0.05	
K360586		98.34	0.04	
K360587		99.59	0.13	
K360588		98.19	0.14	
K360589		98.44	0.08	
K360590		98.26	0.08	
K360591		98.27	0.06	
K360592		98.13	0.23	
K360593		98.41	0.17	
K360594		99.45	0.09	
K360595		98.18	0.09	
K360596		98.50	0.06	
K360597		98.88	0.07	
K360598		98.53	0.09	
K360599		99.29	0.13	
K360600		99.08	<0.01	
K360601		98.21	0.07	
K360602		99.92	0.07	
K360603		98.68	0.19	
K360604		98.98	0.24	
K360605		98.43	0.20	
K360606		98.85	0.17	
K360607		98.17	0.33	
K360608		98.19	0.42	
K360609		100.05	0.31	
K360610		98.29	0.36	
K360611		98.33	0.33	
K360612		98.62	0.24	
K360613		99.74	0.19	
K360614		98.46	0.20	
K360615		99.05	0.16	
K360616		98.32	0.26	
K360617		98.91	0.19	
K360618		100.00	0.15	
K360619		98.34	0.26	
K360620		100.00	0.09	
K360621		98.49	0.27	
K360622		98.98	0.24	
K360623		100.00	0.21	



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Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
K360624		2.02	36.62	11.22	24.65	10.50	8.97	0.38	0.06	0.02	2.90	0.26	0.023	0.02	<0.01	3.53
K360625		0.14	37.31	15.95	23.84	9.41	6.55	1.59	0.08	0.08	2.95	0.18	0.022	0.01	<0.01	0.79
K360626		2.72	41.24	16.24	15.33	12.06	6.79	1.26	0.18	<0.01	1.04	0.16	0.024	0.02	<0.01	4.19
K360627		3.04	43.83	18.01	12.71	10.94	5.48	2.39	0.28	<0.01	1.36	0.14	0.041	0.02	0.01	3.82
K360628		2.28	42.77	15.72	15.63	9.82	6.46	2.09	0.16	<0.01	1.52	0.19	0.036	0.01	<0.01	3.92
K360629		2.82	45.00	15.60	14.63	9.57	5.68	1.95	0.21	0.01	1.70	0.15	0.048	0.03	<0.01	4.58
K360630		2.52	47.79	14.19	13.10	8.99	4.66	1.87	0.23	<0.01	0.85	0.10	0.050	0.03	<0.01	6.72
K360474		1.12	39.08	14.44	11.12	15.78	7.25	1.16	0.15	0.04	0.45	0.15	0.015	0.03	0.01	10.35
K36476		Not Recvd														
K360582		2.46	74.57	5.92	7.55	2.53	2.84	0.88	0.10	<0.01	1.11	0.08	0.059	0.01	<0.01	2.71
K360583		2.62	87.02	3.63	4.09	0.51	1.40	0.58	0.05	<0.01	0.38	0.03	0.014	<0.01	<0.01	1.15



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**CERTIFICAT D'ANALYSE VO11078884**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10	Au- AA24
		Total %	V %	Au ppm
		0.01	0.01	0.005
K360624		99.15	0.11	
K360625		98.76	0.16	
K360626		98.54	0.04	
K360627		99.03	0.04	
K360628		98.34	0.06	
K360629		99.15	0.06	
K360630		98.58	0.03	
K360474		100.00	0.03	<0.005
K36476				
K360582		98.34	0.02	0.005
K360583		98.86	0.01	<0.005



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Page: 1  
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**CERTIFICAT VO11078883**

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 140 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 9- MAI- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
V- XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
Au- AA24	Au 50 g FA fini AA	AAS
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM

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Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICAT D'ANALYSE VO11078883**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360441		1.28	31.38	9.98	34.19	7.78	5.85	0.49	0.04	0.04	6.25	0.28	0.025	0.02	0.01	2.51
K360442		1.78	44.35	21.18	11.02	11.20	2.15	3.20	0.34	0.02	1.61	0.11	0.052	0.04	<0.01	3.43
K360443		1.64	35.55	9.14	27.98	8.34	6.89	0.45	0.05	0.04	4.31	0.22	0.018	0.01	<0.01	5.58
K360444		2.28	21.63	5.67	48.28	6.52	5.90	0.27	0.06	0.05	8.21	0.31	0.015	0.01	0.01	1.77
K360445		2.38	32.61	8.81	32.96	8.52	7.21	0.60	0.09	0.04	5.63	0.24	0.016	0.02	0.01	2.00
K360446		2.18	44.21	15.86	15.37	10.93	5.88	2.36	0.26	0.01	1.73	0.16	0.024	0.03	0.01	2.47
K360447		2.08	42.35	16.91	16.42	10.35	5.24	2.41	0.31	0.02	2.16	0.15	0.046	0.03	0.01	2.93
K360448		2.76	38.61	14.59	21.94	9.91	5.20	1.77	0.23	0.04	3.40	0.20	0.015	0.03	0.01	2.71
K360449		2.46	37.95	13.76	21.27	12.30	4.55	0.92	0.18	0.05	4.18	0.19	0.019	0.03	<0.01	3.27
K360450		0.12	28.48	5.40	42.48	7.09	7.65	0.55	0.09	0.02	7.52	0.30	0.021	0.01	0.01	-0.05
K360451		2.54	34.89	12.12	28.47	9.78	5.68	1.20	0.13	0.05	4.88	0.23	0.017	0.02	0.01	2.09
K360452		3.02	36.48	9.46	29.49	9.81	8.21	0.61	0.12	0.05	4.18	0.27	0.017	0.02	0.01	1.11
K360453		2.38	33.25	9.62	32.33	8.99	7.68	0.54	0.08	0.06	4.55	0.24	0.014	0.02	0.01	1.39
K360454		3.80	16.88	6.86	58.47	4.36	4.88	0.39	0.07	0.08	10.30	0.31	0.014	0.02	0.01	-0.41
K360455		3.10	15.71	5.13	57.02	4.37	5.29	0.21	0.04	0.07	10.79	0.30	0.013	0.01	<0.01	-0.35
K360456		2.66	21.96	8.14	47.90	5.61	4.96	0.58	0.12	0.06	8.41	0.27	0.016	0.01	0.01	0.43
K360457		1.94	17.62	6.27	54.76	4.35	4.92	0.37	0.07	0.08	9.94	0.31	0.015	0.01	0.01	-0.24
K360458		2.78	25.71	7.59	41.54	7.09	5.85	0.55	0.17	0.08	6.52	0.26	0.014	0.01	0.02	3.21
K360459		3.44	34.15	12.32	28.66	9.11	6.38	0.98	0.24	0.13	4.57	0.25	0.018	0.02	0.01	1.62
K360460		2.60	30.47	11.81	36.32	6.90	4.07	1.28	0.28	0.11	6.30	0.23	0.019	0.02	0.01	0.88
K360461		2.82	48.47	17.84	11.91	9.65	3.27	2.63	0.80	0.02	1.64	0.11	0.042	0.02	0.01	2.19
K360462		2.90	42.70	17.47	15.81	10.84	4.88	2.08	0.61	0.03	2.09	0.16	0.035	0.02	0.02	2.41
K360463		3.10	42.39	17.94	16.72	10.71	4.56	2.18	0.65	0.02	2.44	0.17	0.058	0.03	0.02	2.11
K360464		2.78	40.35	11.87	21.96	10.50	7.81	1.14	0.33	0.08	2.69	0.23	0.022	0.02	0.01	1.71
K360465		2.82	45.41	13.08	16.12	13.08	8.88	1.38	0.14	0.05	1.42	0.21	0.016	0.02	0.01	0.45
K360466		3.46	43.04	11.80	17.97	11.99	9.82	1.19	0.20	0.04	1.38	0.22	0.015	0.02	0.01	2.07
K360467		2.88	45.00	19.45	12.00	11.48	5.42	2.30	0.69	0.02	1.14	0.14	0.020	0.03	0.02	2.34
K360468		3.04	45.57	17.78	12.47	11.22	5.69	2.18	0.50	0.02	1.08	0.15	0.023	0.02	0.01	2.03
K360469		2.96	44.02	18.50	15.27	10.22	6.80	1.79	0.35	0.03	1.29	0.17	0.021	0.02	<0.01	1.99
K360470		3.24	38.44	11.58	24.47	7.37	10.40	0.94	0.19	0.07	1.86	0.26	0.019	0.01	<0.01	3.07
K360471		2.92	43.85	20.81	13.00	10.67	3.10	2.43	0.65	0.06	1.91	0.12	0.030	0.03	0.01	2.27
K360472		2.80	46.08	21.98	8.93	11.38	2.85	2.67	0.77	0.03	1.04	0.10	0.058	0.02	0.01	2.67
K360473		2.36	46.22	21.33	9.93	11.29	3.95	2.65	0.60	0.01	0.91	0.12	0.056	0.03	0.01	1.98
K360475		0.14	16.50	5.78	56.01	3.35	4.73	0.44	0.09	0.04	11.40	0.29	0.022	0.01	0.01	0.36
K360476		2.08	59.09	8.77	6.95	7.90	5.50	1.51	0.05	0.02	0.33	0.07	0.076	0.01	<0.01	8.70
K360477		2.80	42.28	17.43	9.61	10.60	5.76	2.85	0.88	0.02	0.85	0.11	0.085	0.04	0.02	8.38
K360478		2.88	41.89	14.33	17.78	10.18	7.47	0.76	0.25	0.06	1.58	0.19	0.019	0.03	<0.01	3.96
K360479		2.92	40.43	13.97	20.74	9.11	8.97	0.73	0.13	0.10	1.66	0.22	0.020	0.03	<0.01	3.45
K360480		2.88	34.40	14.02	27.73	8.96	6.06	0.64	0.13	0.31	4.19	0.26	0.018	0.03	0.01	3.25
K360481		3.22	40.00	14.89	20.01	9.48	6.88	1.20	0.33	0.16	2.64	0.19	0.033	0.03	0.01	3.06



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Page: 2 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 16- JUIN- 2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE VO11078883

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10	Au- AA24
		Total % 0.01	V % 0.01	Au ppm 0.005
K360441		98.63	0.22	
K360442		98.69	0.05	
K360443		98.55	0.17	
K360444		98.70	0.32	
K360445		98.76	0.20	
K360446		99.30	0.07	
K360447		99.34	0.09	
K360448		98.84	0.14	
K360449		98.87	0.16	
K360450		99.54	0.24	
K360451		99.36	0.19	
K360452		100.05	0.17	
K360453		98.75	0.19	
K360454		100.00	0.44	
K360455		98.61	0.42	
K360456		98.47	0.33	
K360457		98.48	0.40	
K360458		98.41	0.26	
K360459		98.46	0.18	
K360460		98.66	0.28	
K360461		98.41	0.06	
K360462		98.95	0.08	
K360463		100.00	0.09	
K360464		98.51	0.12	
K360465		100.05	0.07	
K360466		99.74	0.07	
K360467		100.05	0.05	
K360468		98.72	0.05	
K360469		98.47	0.06	
K360470		98.68	0.08	
K360471		98.74	0.08	
K360472		98.57	0.04	
K360473		99.09	0.04	
K360475		99.03	0.35	
K360476		98.97	0.02	0.008
K360477		98.90	0.04	
K360478		98.50	0.07	
K360479		99.56	0.08	
K360480		100.00	0.19	
K360481		98.92	0.10	





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Page: 3 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 16- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11078883**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360482		3.02	37.57	14.45	23.39	9.24	6.85	0.91	0.20	0.16	2.88	0.20	0.028	0.02	0.01	2.81
K360483		2.98	43.86	17.32	14.34	10.72	6.31	1.42	0.22	0.01	0.99	0.15	0.034	0.04	<0.01	3.50
K360484		3.10	43.79	16.22	13.80	10.54	7.56	1.83	0.37	0.02	1.03	0.16	0.050	0.03	0.01	3.21
K360485		3.00	41.80	13.33	19.02	9.74	7.93	1.41	0.39	0.10	2.22	0.20	0.068	0.04	0.01	2.49
K360486		3.18	39.74	8.61	20.52	10.90	12.95	0.72	0.22	0.12	2.22	0.21	0.297	0.08	<0.01	2.56
K360487		2.70	46.53	11.87	9.40	11.26	12.80	1.73	0.24	0.08	0.66	0.13	0.363	0.08	<0.01	3.47
K360488		2.58	47.91	14.35	8.11	9.59	10.15	3.28	0.37	0.06	0.64	0.11	0.433	0.10	0.01	3.00
K360489		3.20	30.40	11.57	32.02	9.15	5.57	0.52	0.07	0.13	5.95	0.30	0.099	0.04	0.01	2.74
K360490		2.88	44.83	20.91	10.72	9.50	4.21	3.06	0.40	0.05	1.05	0.09	0.033	0.04	0.01	3.74
K360491		2.80	43.90	21.14	11.16	10.55	4.19	2.42	0.58	0.08	1.08	0.11	0.029	0.03	0.01	3.29
K360492		2.96	44.16	16.20	13.78	11.81	7.32	1.57	0.42	0.04	1.02	0.17	0.018	0.02	0.01	2.35
K360493		2.84	44.86	14.28	14.61	11.44	7.45	0.88	0.12	0.02	1.19	0.16	0.016	0.03	<0.01	3.37
K360494		3.04	48.94	13.92	12.94	9.55	7.43	2.38	0.35	0.02	1.32	0.15	0.068	0.04	0.01	2.18
K360495		2.72	49.68	12.79	7.28	10.78	10.88	2.91	0.21	0.07	0.63	0.12	0.344	0.10	0.01	2.62
K360496		2.54	50.64	13.01	7.28	10.28	10.21	3.12	0.27	0.06	0.66	0.11	0.338	0.08	0.01	2.44
K360497		2.18	35.03	12.41	25.42	8.20	8.71	1.24	0.13	0.09	2.85	0.23	0.080	0.03	<0.01	3.96
K360498		3.50	11.68	4.80	62.63	2.20	5.36	0.09	0.02	0.21	10.55	0.54	0.015	0.01	0.01	0.54
K360499		3.18	43.41	21.45	11.39	11.55	4.58	2.83	0.23	0.04	1.18	0.10	0.028	0.06	0.01	3.25
K360500		0.40	70.19	15.12	2.04	2.36	0.95	5.32	1.42	<0.01	0.16	0.03	0.052	0.04	0.05	0.77
K360501		2.88	43.56	19.45	13.26	9.47	4.55	2.74	0.40	0.05	1.50	0.13	0.037	0.05	0.01	3.11
K360502		2.80	42.93	17.24	13.71	9.21	7.21	2.37	0.14	0.07	1.38	0.14	0.103	0.06	<0.01	3.94
K360503		1.86	46.31	12.25	18.60	8.74	6.27	2.23	0.19	<0.01	1.44	0.24	0.031	0.01	<0.01	2.27
K360504		2.80	44.99	11.97	17.79	9.11	7.48	1.97	0.17	0.01	1.86	0.22	0.028	0.02	0.01	2.84
K360505		2.06	43.41	11.95	19.69	9.47	7.38	1.78	0.28	0.02	2.59	0.27	0.039	0.02	0.01	1.94
K360506		1.76	44.00	11.99	18.60	10.27	7.22	1.37	0.15	<0.01	1.87	0.22	0.036	0.02	<0.01	3.05
K360507		3.16	43.89	12.48	18.25	9.51	8.12	1.67	0.23	<0.01	1.41	0.23	0.020	0.02	<0.01	2.78
K360508		2.44	43.16	13.36	17.42	11.79	6.81	1.09	0.15	0.01	1.60	0.22	0.021	0.01	<0.01	3.10
K360509		2.28	44.99	13.30	16.39	10.36	6.55	1.70	0.16	<0.01	1.72	0.19	0.031	0.02	<0.01	2.88
K360510		2.86	46.08	11.66	18.41	7.89	7.27	2.09	0.16	<0.01	2.05	0.23	0.026	0.01	<0.01	2.76
K360511		3.20	44.82	11.92	16.37	13.22	6.46	0.59	0.06	0.01	2.29	0.23	0.042	0.03	<0.01	2.23
K360512		2.52	44.36	9.96	20.50	9.09	8.88	1.43	0.15	0.01	2.14	0.27	0.054	0.01	<0.01	2.09
K360513		2.04	41.39	12.78	21.36	8.29	7.78	1.63	0.16	0.01	2.68	0.25	0.019	0.02	<0.01	2.85
K360514		2.22	46.02	12.12	17.71	8.57	8.26	1.74	0.32	<0.01	1.57	0.26	0.023	0.02	<0.01	1.96
K360515		2.52	54.15	18.40	8.00	7.64	3.37	4.18	0.43	<0.01	0.77	0.09	0.077	0.02	0.01	2.96
K360516		2.54	48.33	20.73	6.33	13.00	2.29	3.21	0.18	<0.01	0.79	0.06	0.023	0.01	<0.01	3.65
K360517		2.54	54.40	20.07	5.15	8.35	1.98	4.87	0.24	<0.01	0.55	0.06	0.039	0.02	<0.01	2.60
K360518		3.04	48.42	14.32	14.85	9.11	6.19	1.88	0.18	0.01	1.45	0.18	0.038	0.02	<0.01	2.66
K360519		2.24	55.39	12.42	12.70	6.04	4.88	2.78	0.17	<0.01	1.17	0.15	0.034	0.01	<0.01	2.49
K360520		3.38	43.08	15.74	16.95	11.54	6.25	1.46	0.19	0.02	1.68	0.19	0.019	0.02	0.01	2.67
K360521		4.04	56.08	17.28	7.97	7.86	2.79	3.20	0.36	<0.01	0.70	0.08	0.037	0.02	<0.01	2.19



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Page: 3 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 16- JUIN- 2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE VO11078883

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10	Au- AA24
		Total %	V %	Au ppm
K360482		98.73	0.12	
K360483		98.91	0.04	
K360484		98.63	0.04	
K360485		98.74	0.09	
K360486		99.16	0.10	
K360487		98.62	0.02	
K360488		98.32	0.02	
K360489		98.56	0.27	
K360490		98.63	0.05	
K360491		98.54	0.05	
K360492		98.89	0.04	
K360493		98.43	0.06	
K360494		99.30	0.06	
K360495		98.40	0.02	
K360496		98.51	0.02	
K360497		98.48	0.14	
K360498		98.65	0.53	
K360499		100.10	0.05	
K360500		98.50	<0.01	
K360501		98.31	0.07	
K360502		98.50	0.06	
K360503		98.59	0.05	
K360504		98.44	0.07	
K360505		98.84	0.09	
K360506		98.81	0.08	
K360507		98.61	0.06	
K360508		98.74	0.07	
K360509		98.29	0.07	
K360510		98.64	0.08	
K360511		98.27	0.09	
K360512		98.95	0.09	
K360513		99.22	0.10	
K360514		98.57	0.06	
K360515		100.10	0.03	
K360516		98.61	0.04	
K360517		98.31	0.02	
K360518		99.31	0.06	
K360519		98.24	0.05	
K360520		100.00	0.08	
K360521		98.58	0.03	



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Page: 4 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 16- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11078883**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360522		3.36	42.51	14.09	17.62	10.91	7.51	1.36	0.11	0.03	1.52	0.21	0.021	0.03	<0.01	2.90
K360523		3.46	45.88	12.16	17.80	7.80	9.41	1.80	0.26	0.01	1.08	0.25	0.027	0.02	<0.01	2.84
K360524		3.14	47.68	9.80	18.63	6.20	11.14	1.24	0.15	<0.01	0.64	0.29	0.089	0.01	<0.01	2.72
K360525		0.14	37.21	15.91	24.01	9.39	6.53	1.59	0.08	0.08	2.93	0.18	0.023	0.01	<0.01	0.82
K360526		3.10	44.30	11.15	20.39	8.78	9.24	1.35	0.22	0.02	1.72	0.28	0.020	0.02	0.01	2.28
K360527		3.70	41.81	12.83	19.57	10.73	7.10	1.43	0.22	0.02	2.41	0.21	0.014	0.02	<0.01	1.84
K360528		3.52	44.51	17.50	14.43	9.93	5.11	2.25	0.61	0.01	1.50	0.16	0.018	0.02	0.01	2.84
K360529		3.60	43.94	15.13	16.35	9.21	7.34	1.93	0.26	0.06	1.15	0.19	0.032	0.02	<0.01	3.17
K360530		3.22	46.06	20.55	9.69	11.22	4.84	2.30	0.44	0.03	0.59	0.12	0.021	0.03	<0.01	3.07
K360531		3.36	45.33	19.97	10.63	10.55	5.24	2.35	0.54	0.04	0.63	0.12	0.016	0.02	0.01	3.07
K360532		3.52	45.84	20.95	9.67	10.85	4.95	2.66	0.39	0.03	0.64	0.12	0.024	0.03	0.01	3.23
K360533		3.08	46.73	20.83	8.89	10.55	4.50	2.37	0.76	0.02	0.57	0.11	0.023	0.02	0.01	2.96
K360534		3.12	43.25	20.64	13.05	9.90	5.84	2.26	0.53	0.03	0.90	0.13	0.018	0.03	0.01	3.35
K360535		3.54	41.54	16.16	18.13	8.92	7.53	1.64	0.37	0.04	1.36	0.18	0.022	0.02	<0.01	2.75
K360536		3.44	44.50	16.36	14.60	10.05	6.31	1.93	0.16	<0.01	1.52	0.17	0.056	0.02	<0.01	2.96
K360537		2.20	43.83	17.98	13.53	9.69	5.40	1.82	0.25	0.01	1.22	0.14	0.037	0.02	<0.01	4.57
K360538		2.72	44.78	19.69	12.23	7.31	5.47	3.14	0.52	<0.01	0.74	0.12	0.038	0.03	<0.01	4.10
K360539		2.70	43.32	11.71	19.88	9.47	7.82	1.37	0.23	<0.01	1.95	0.24	0.026	0.02	<0.01	2.26
K360540		3.06	43.82	15.81	17.04	9.07	5.80	2.08	0.43	<0.01	1.86	0.19	0.029	0.02	0.01	2.27
K360541		2.30	43.28	18.44	14.73	12.10	4.16	1.95	0.31	<0.01	1.64	0.15	0.067	0.04	0.01	2.98
K360542		2.58	38.28	14.24	22.26	9.25	5.31	2.24	0.35	0.02	3.20	0.19	0.038	0.03	0.01	3.22
K360543		3.12	37.55	9.86	26.14	9.54	8.09	1.09	0.26	0.05	4.12	0.23	0.112	0.04	0.01	1.45
K360544		3.16	40.70	12.74	20.93	10.59	6.60	1.41	0.34	0.02	3.02	0.21	0.024	0.04	0.01	1.92
K360545		3.08	43.18	12.74	16.65	11.68	7.93	1.27	0.22	0.01	2.05	0.22	0.027	0.03	<0.01	2.34
K360546		2.62	48.58	13.30	10.28	10.11	10.16	2.74	0.40	0.05	0.86	0.15	0.222	0.06	0.01	2.59
K360547		2.66	46.92	12.02	9.11	12.28	11.24	1.83	0.16	0.09	0.81	0.13	0.404	0.09	<0.01	3.47
K360548		2.58	38.87	12.47	22.62	11.93	7.11	0.96	0.24	0.03	3.37	0.21	0.026	0.06	0.01	2.00
K360549		2.98	38.13	13.90	24.29	10.67	5.62	1.45	0.35	0.04	3.73	0.20	0.016	0.03	0.01	1.39
K360550		0.14	28.39	5.46	42.39	7.18	7.65	0.82	0.09	0.03	7.45	0.31	0.023	0.01	<0.01	-0.06
K360551		2.62	36.43	11.94	26.05	10.66	6.14	1.07	0.26	0.04	4.04	0.21	0.016	0.03	<0.01	1.32
K360552		2.86	50.55	14.71	7.45	8.79	6.59	3.79	0.53	0.04	0.73	0.10	0.491	0.21	0.03	2.56
K360553		2.62	49.87	13.97	7.69	9.59	8.89	3.35	0.79	0.05	0.75	0.10	0.453	0.17	0.03	2.74
K360554		3.10	40.40	12.00	21.86	10.37	7.66	1.24	0.25	0.03	2.68	0.23	0.030	0.02	<0.01	1.63
K360555		2.54	40.02	16.48	19.66	9.47	5.90	1.83	0.43	0.02	2.27	0.17	0.036	0.02	0.01	1.96
K360556		2.72	40.71	17.63	18.40	10.28	3.92	2.02	0.41	0.03	3.21	0.16	0.053	0.02	<0.01	1.60
K360557		2.82	41.49	14.49	19.44	9.87	6.30	1.62	0.32	0.02	2.58	0.20	0.060	0.02	<0.01	1.71
K360558		3.08	41.68	13.33	19.58	11.41	6.13	1.35	0.27	0.02	3.00	0.20	0.040	0.01	<0.01	1.50
K360559		3.10	43.87	10.31	21.44	9.62	7.75	1.24	0.27	0.01	2.75	0.25	0.073	0.01	0.01	1.13
K360560		2.94	55.34	14.39	12.62	5.75	3.11	3.50	0.44	0.03	1.79	0.11	0.024	0.01	0.01	1.43
K360561		3.06	40.07	19.64	18.61	9.58	2.62	2.45	0.60	0.06	3.54	0.14	0.076	0.02	0.01	1.65



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Page: 4 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 16-JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11078883**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10	Au- AA24
		Total % 0.01	V % 0.01	Au ppm 0.005
K360522		98.81	0.06	
K360523		99.14	0.05	
K360524		98.59	0.03	
K360525		98.77	0.16	
K360526		99.77	0.07	
K360527		98.21	0.10	
K360528		98.90	0.07	
K360529		98.78	0.05	
K360530		98.96	0.03	
K360531		98.52	0.03	
K360532		99.38	0.03	
K360533		98.34	0.03	
K360534		99.84	0.04	
K360535		98.66	0.06	
K360536		98.63	0.06	
K360537		98.50	0.05	
K360538		98.18	0.03	
K360539		98.30	0.07	
K360540		98.45	0.07	
K360541		99.85	0.08	
K360542		98.63	0.12	
K360543		98.54	0.15	
K360544		98.55	0.11	
K360545		98.36	0.08	
K360546		99.51	0.03	
K360547		98.55	0.03	
K360548		99.90	0.15	
K360549		99.81	0.16	
K360550		99.54	0.25	
K360551		98.21	0.17	
K360552		98.56	0.02	
K360553		98.45	0.02	
K360554		98.40	0.09	
K360555		98.27	0.08	
K360556		98.44	0.09	
K360557		98.10	0.08	
K360558		98.53	0.09	
K360559		98.74	0.08	
K360560		98.56	0.06	
K360561		99.07	0.10	



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Page: 5 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 16- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11078883**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
K360562		3.08	44.30	19.35	13.26	10.79	3.69	2.40	0.50	0.03	1.84	0.13	0.111	0.03	0.01	2.63
K360563		2.62	40.55	16.86	18.37	9.30	5.90	1.97	0.40	0.04	2.20	0.18	0.042	0.02	0.01	2.76
K360564		3.14	39.62	14.92	21.60	9.69	6.88	1.50	0.24	0.03	2.72	0.20	0.022	0.01	<0.01	0.79
K360565		3.20	42.63	16.16	18.52	10.82	5.99	1.84	0.28	0.02	2.38	0.19	0.038	0.02	0.01	1.24
K360566		2.96	41.68	13.33	20.38	11.63	6.87	1.21	0.16	0.03	2.95	0.23	0.048	0.02	0.01	1.43
K360567		3.46	40.25	8.82	24.52	9.48	10.90	0.70	0.09	0.02	2.13	0.28	0.043	0.01	<0.01	1.30
K360568		3.36	43.81	10.76	20.53	7.90	11.02	1.06	0.10	<0.01	1.34	0.28	0.033	0.01	<0.01	1.36
K360569		3.32	42.63	12.64	19.62	11.06	6.98	1.49	0.11	<0.01	2.70	0.23	0.024	0.01	<0.01	0.71
K360570		3.30	39.58	12.08	23.85	10.20	6.54	1.34	0.10	0.01	3.88	0.23	0.021	0.01	<0.01	0.57
K360571		3.22	42.23	10.05	22.24	10.18	8.45	1.15	0.12	0.01	2.87	0.27	0.031	0.01	<0.01	0.78
K360572		3.98	43.66	15.33	18.02	9.53	5.53	2.02	0.26	<0.01	2.47	0.20	0.040	0.02	<0.01	1.16
K360573		3.04	45.28	14.67	16.86	10.00	7.06	1.82	0.21	<0.01	1.79	0.23	0.051	0.02	0.01	1.47
K360574		3.08	45.51	8.95	21.73	7.68	10.42	0.97	0.09	<0.01	1.44	0.32	0.044	0.01	<0.01	1.43
K360575		0.14	16.38	5.80	56.02	3.38	4.78	0.48	0.08	0.04	11.44	0.30	0.023	0.01	<0.01	0.40
K360576		3.06	44.80	9.52	21.87	8.60	9.51	1.10	0.09	<0.01	1.98	0.31	0.042	0.01	<0.01	0.35
K360577		3.24	43.35	15.26	17.79	10.93	5.47	1.85	0.25	0.01	2.57	0.20	0.033	0.02	<0.01	1.30
K360578		3.26	43.51	16.29	16.04	11.18	5.04	1.94	0.24	<0.01	2.35	0.18	0.049	0.02	<0.01	1.60
K360579		3.30	44.48	18.55	12.88	11.57	3.90	2.07	0.33	<0.01	1.98	0.15	0.087	0.02	<0.01	2.18
K360580		3.22	43.09	13.01	20.03	10.81	6.74	1.41	0.30	<0.01	2.77	0.23	0.054	0.02	0.01	1.45
K360581		2.96	43.19	14.17	15.46	9.50	5.52	2.26	0.81	<0.01	1.96	0.19	0.041	0.01	0.01	8.52



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Page: 5 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 16- JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11078883**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10	Au- AA24
		Total %	V %	Au ppm
		0.01	0.01	0.005
K360562		99.06	0.05	
K360563		98.80	0.07	
K360564		98.22	0.10	
K360565		100.15	0.08	
K360566		99.98	0.09	
K360567		98.53	0.07	
K360568		98.21	0.04	
K360569		98.20	0.08	
K360570		98.39	0.12	
K360571		98.40	0.08	
K360572		98.24	0.07	
K360573		99.46	0.05	
K360574		98.59	0.05	
K360575		99.11	0.36	
K360576		98.17	0.06	
K360577		99.03	0.07	
K360578		98.43	0.07	
K360579		98.17	0.06	
K360580		99.92	0.09	
K360581		99.64	0.06	



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Page: 1  
Finalisée date: 21- JUIN- 2011  
Compte: PET

**CERTIFICAT TB11094838**

Projet: IT

Bon de commande #:

Ce rapport s'applique aux 76 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- MAI- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
V- XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Nombre total de pages: 3 (A - B)  
 Finalisée date: 21-JUIN-2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE TB11094838**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360973		2.11	30.19	13.03	34.13	6.89	4.41	0.81	0.03	0.01	6.50	0.22	0.013	0.02	<0.01	2.14
K360974		3.92	29.85	13.11	34.05	7.43	4.10	0.74	0.04	0.01	6.60	0.21	0.012	0.02	<0.01	2.18
K360975		0.13	16.56	5.80	56.00	3.40	4.75	0.46	0.09	0.04	11.42	0.30	0.025	0.01	<0.01	0.45
K360976		3.97	27.81	12.46	37.20	6.33	3.89	0.83	0.04	0.02	7.45	0.22	0.012	0.02	<0.01	1.88
K360977		4.10	27.07	12.62	37.55	6.18	3.23	1.13	0.04	0.02	7.68	0.21	0.012	0.02	<0.01	2.39
K360978		4.16	26.91	12.70	37.15	5.65	3.40	1.52	0.04	0.02	7.45	0.20	0.013	0.02	<0.01	3.09
K360979		4.20	26.27	11.37	35.41	8.03	3.31	1.43	0.04	0.02	7.46	0.20	0.011	0.02	0.01	4.89
K360980		4.01	25.60	11.30	39.97	6.17	3.75	1.03	0.04	0.02	8.18	0.23	0.011	0.02	<0.01	1.85
K360981		4.07	26.73	12.34	38.36	6.92	3.26	0.95	0.04	0.02	7.60	0.20	0.011	0.02	<0.01	1.79
K360982		4.05	26.38	12.02	38.40	6.88	3.31	0.76	0.04	0.02	7.62	0.21	0.011	0.02	<0.01	2.43
K360983		4.19	25.95	12.33	39.43	6.68	3.15	0.84	0.04	0.02	7.75	0.21	0.010	0.01	<0.01	1.80
K360984		4.03	28.75	12.39	35.82	7.57	3.78	0.78	0.04	0.03	6.84	0.20	0.011	0.02	<0.01	1.90
K360985		3.89	29.99	12.81	33.83	7.45	3.96	1.16	0.06	0.02	6.32	0.20	0.012	0.02	<0.01	2.67
K360986		3.67	28.79	11.97	30.73	8.33	4.03	1.63	0.04	0.02	5.61	0.19	0.010	0.01	<0.01	7.37
K360987		3.83	32.94	13.14	30.74	7.91	4.34	1.30	0.08	0.01	5.47	0.19	0.010	0.02	<0.01	1.94
K360988		4.08	32.82	12.68	31.69	8.59	4.70	1.13	0.07	0.02	5.63	0.20	0.010	0.02	<0.01	1.81
K360989		3.87	33.15	12.76	31.07	8.80	4.81	1.06	0.06	0.02	5.52	0.20	0.012	0.02	<0.01	1.89
K360990		3.91	32.28	13.46	30.13	7.91	5.38	1.24	0.05	0.02	5.23	0.19	0.012	0.02	<0.01	3.20
K360991		3.75	33.27	12.92	29.42	9.21	4.86	1.10	0.05	0.01	5.26	0.20	0.010	0.02	<0.01	2.35
K360992		3.83	34.81	13.31	28.04	9.48	4.86	1.07	0.05	0.02	5.00	0.19	0.011	0.02	<0.01	2.66
K360993		3.36	27.95	10.25	37.25	8.43	4.90	0.38	0.05	0.02	6.95	0.22	0.010	0.02	<0.01	2.05
K360994		1.66	31.50	14.31	31.12	6.41	4.23	1.80	0.17	0.02	5.74	0.18	0.011	0.02	0.01	3.66
K360995		1.04	30.41	8.42	23.37	16.24	1.94	1.55	0.08	0.02	3.45	0.15	0.012	0.01	<0.01	6.25
K360996		3.95	32.46	14.75	29.31	8.52	3.56	1.34	0.11	0.01	5.32	0.17	0.012	0.02	<0.01	2.79
K360997		3.65	33.42	14.52	27.96	8.41	4.21	1.03	0.06	0.01	4.93	0.18	0.011	0.02	<0.01	3.41
K360998		3.78	34.73	13.52	27.67	9.26	4.84	0.71	0.06	0.01	4.67	0.19	0.012	0.01	<0.01	2.48
K360999		3.81	32.16	13.86	29.96	9.15	3.82	0.72	0.06	0.02	5.31	0.18	0.011	0.02	<0.01	2.89
K361000		0.44	70.40	15.31	2.13	2.04	0.94	5.55	1.51	<0.01	0.19	0.03	0.052	0.03	0.05	0.86
K361001		3.43	34.24	13.96	22.23	9.40	4.26	2.06	0.11	0.01	3.59	0.15	0.011	0.01	<0.01	8.16
K361002		3.54	35.10	12.18	18.66	10.30	6.53	0.65	0.08	<0.01	2.35	0.15	0.010	0.01	<0.01	12.20
K361003		3.32	18.24	16.12	24.75	12.75	7.24	0.20	0.13	0.01	2.83	0.15	0.036	0.01	<0.01	16.00
K361004		3.66	25.22	16.12	24.77	9.88	5.96	1.15	0.09	0.01	3.55	0.13	0.010	0.01	<0.01	11.40
K361005		3.77	33.20	14.60	26.77	10.47	3.93	0.52	0.01	0.01	4.26	0.17	0.012	0.02	<0.01	4.20
K361006		3.91	34.55	14.32	26.96	9.94	4.50	0.79	0.03	0.01	4.31	0.17	0.016	0.02	<0.01	2.71
K361007		3.52	43.07	12.88	18.33	11.64	7.62	0.52	0.04	<0.01	2.11	0.17	0.011	0.02	<0.01	3.11
K361008		3.64	36.25	13.58	25.48	10.27	5.32	0.67	0.03	0.01	3.88	0.17	0.011	0.02	<0.01	2.55
K361009		3.81	35.60	12.18	27.38	10.74	6.42	0.29	0.03	0.01	3.92	0.20	0.011	0.02	<0.01	2.61
K361010		3.10	62.17	15.86	5.67	4.69	2.48	4.95	0.05	<0.01	0.49	0.07	0.103	0.02	<0.01	2.39
K361011		3.83	34.45	14.74	27.61	10.46	4.70	0.27	0.02	0.02	4.19	0.16	0.015	0.02	<0.01	3.26
K361012		3.52	36.82	14.60	23.69	10.74	4.98	0.29	0.02	0.01	3.34	0.16	0.011	0.02	<0.01	3.59

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.





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Page: 2 - B  
 Nombre total de pages: 3 (A - B)  
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 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE TB11094838

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360973		98.39	0.20
K360974		98.36	0.21
K360975		99.31	0.36
K360976		98.16	0.24
K360977		98.15	0.25
K360978		98.17	0.25
K360979		98.47	0.25
K360980		98.18	0.28
K360981		98.25	0.28
K360982		98.10	0.28
K360983		98.23	0.29
K360984		98.13	0.26
K360985		98.50	0.25
K360986		98.72	0.22
K360987		96.09	0.21
K360988		99.57	0.23
K360989		99.37	0.23
K360990		99.09	0.22
K360991		98.88	0.22
K360992		99.52	0.21
K360993		98.48	0.29
K360994		99.18	0.24
K360995		91.90	0.14
K360996		98.38	0.23
K360997		98.16	0.20
K360998		98.16	0.19
K360999		98.16	0.23
K361000		99.10	<0.01
K361001		98.19	0.16
K361002		98.22	0.10
K361003		98.47	0.15
K361004		98.30	0.16
K361005		98.17	0.21
K361006		98.33	0.21
K361007		99.52	0.11
K361008		98.24	0.19
K361009		99.40	0.21
K361010		98.93	0.01
K361011		99.92	0.22
K361012		98.27	0.18

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.



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Page: 3 - A  
 Nombre total de pages: 3 (A - B)  
 Finalisée date: 21-JUIN- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE TB11094838**

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg	ME- XRF06 SiO2 %	ME- XRF06 Al2O3 %	ME- XRF06 Fe2O3 %	ME- XRF06 CaO %	ME- XRF06 MgO %	ME- XRF06 Na2O %	ME- XRF06 K2O %	ME- XRF06 Cr2O3 %	ME- XRF06 TiO2 %	ME- XRF06 MnO %	ME- XRF06 P2O5 %	ME- XRF06 SrO %	ME- XRF06 BaO %	ME- XRF06 LOI %
K361013		3.72	33.28	17.81	24.31	10.32	3.15	1.65	0.08	0.01	3.81	0.14	0.013	0.02	<0.01	3.84
K361014		3.66	39.07	20.83	17.77	9.58	2.27	2.89	0.25	0.01	2.52	0.11	0.015	0.02	<0.01	3.21
K361015		3.48	41.66	21.40	14.72	10.62	2.02	3.04	0.18	<0.01	2.19	0.09	0.018	0.02	<0.01	2.55
K361016		3.98	27.67	14.48	35.72	8.48	3.17	0.72	0.02	0.03	5.47	0.17	0.012	0.02	<0.01	2.28
K361017		3.64	39.28	18.45	17.10	11.00	4.44	1.50	0.02	0.01	2.20	0.14	0.013	0.02	<0.01	4.01
K361019		3.83	37.69	12.10	25.98	9.24	7.18	1.37	0.10	<0.01	4.18	0.24	0.012	0.02	<0.01	1.59
K361020		3.53	33.29	12.79	31.16	6.40	6.38	1.50	0.21	0.01	5.79	0.24	0.012	0.02	<0.01	2.15
K361021		3.59	33.11	13.32	30.51	7.20	5.58	1.50	0.08	0.01	5.81	0.23	0.013	0.02	<0.01	2.24
K361022		3.86	30.43	12.58	32.48	6.83	5.60	1.17	0.07	0.01	6.26	0.24	0.013	0.01	<0.01	2.53
K361023		3.70	31.94	14.10	31.89	7.51	4.16	1.88	0.11	0.01	6.73	0.21	0.013	0.02	0.01	1.32
K361024		3.81	32.12	15.30	30.29	7.95	3.11	1.74	0.09	0.01	6.62	0.18	0.011	0.02	<0.01	1.56
K361025		0.12	37.15	15.97	23.82	9.48	6.53	1.62	0.09	0.08	2.82	0.18	0.023	0.02	<0.01	1.54
K361026		3.64	32.44	15.08	28.84	7.97	3.04	1.81	0.10	0.01	6.59	0.18	0.010	0.02	<0.01	1.33
K361027		3.89	31.97	15.86	30.85	7.86	2.73	1.81	0.11	0.01	6.84	0.17	0.010	0.02	0.01	1.88
K361028		3.48	33.84	14.86	27.75	8.19	3.11	1.81	0.07	0.01	5.85	0.17	0.012	0.02	<0.01	2.54
K361029		3.62	33.62	14.87	29.40	7.56	4.15	1.87	0.12	0.01	5.83	0.20	0.013	0.02	<0.01	1.68
K361030		3.91	31.82	13.10	32.37	6.63	4.98	1.55	0.07	0.02	5.99	0.22	0.012	0.01	<0.01	1.58
K361031		3.69	30.01	13.01	32.72	7.35	4.39	1.54	0.07	0.01	6.36	0.21	0.012	0.02	<0.01	2.47
K361032		2.10	63.58	15.69	5.45	5.29	2.34	4.24	0.26	<0.01	0.44	0.07	0.089	0.02	0.01	2.01
K361033		3.89	26.65	12.64	38.76	8.25	3.38	1.58	0.14	0.02	7.23	0.20	0.013	0.02	<0.01	3.29
K361034		3.62	27.32	12.41	32.73	7.77	3.36	1.82	0.05	0.02	6.14	0.18	0.012	0.01	<0.01	7.01
K361035		3.56	31.28	12.46	24.83	9.80	4.34	2.02	0.03	0.02	4.06	0.14	0.019	0.01	<0.01	9.48
K361037		3.88	33.13	13.78	27.77	8.95	4.22	1.27	0.04	0.01	4.67	0.17	0.010	0.01	<0.01	4.10
K361038		3.86	32.30	13.07	31.52	8.85	5.28	0.62	0.05	0.02	5.07	0.20	0.011	0.02	0.01	2.92
K361040		4.00	31.08	12.36	32.47	8.15	5.16	0.66	0.03	0.02	5.54	0.20	0.010	0.02	<0.01	2.93
K361041		4.12	33.95	13.06	29.01	9.16	4.54	0.88	0.05	0.01	5.20	0.18	0.011	0.02	<0.01	2.25
K361042		4.35	28.74	14.35	33.32	8.88	3.62	0.78	0.03	0.02	5.87	0.18	0.012	0.02	<0.01	2.61
K361043		3.90	40.87	22.47	11.97	11.67	1.81	3.09	0.56	0.01	2.17	0.06	0.018	0.02	<0.01	3.47
K361044		4.69	36.29	18.91	22.28	10.97	3.02	1.85	0.05	0.01	3.38	0.12	0.012	0.02	<0.01	2.87
K361045		3.41	34.27	18.03	23.98	9.98	2.61	2.02	0.15	0.01	3.50	0.12	0.021	0.02	<0.01	3.40
K361046		3.80	34.33	17.52	25.57	9.13	2.68	1.91	0.12	0.03	3.89	0.12	0.013	0.02	<0.01	2.86
K361047		3.58	35.15	18.14	23.56	11.52	2.50	1.53	0.08	0.02	3.54	0.13	0.015	0.03	<0.01	2.90
K361048		3.92	24.15	12.53	40.71	5.81	3.89	0.64	0.12	0.05	8.78	0.17	0.015	0.02	0.01	3.69
K361049		3.91	31.77	17.17	27.77	9.73	2.92	1.13	0.08	0.02	4.62	0.13	0.012	0.02	<0.01	3.09
K361051		4.24	30.34	16.86	29.89	9.18	2.34	1.37	0.05	0.03	4.86	0.13	0.012	0.02	<0.01	3.05
K361052		3.70	28.97	16.47	31.45	9.35	2.39	1.07	0.04	0.04	5.43	0.14	0.012	0.02	<0.01	2.92

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.



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Page: 3 - B  
 Nombre total de pages: 3 (A - B)  
 Finalisée date: 21- JUIN- 2011  
 Compte: PET

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**CERTIFICAT D'ANALYSE TB11094838**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total % 0.01	V % 0.01
K361013		98.44	0.20
K361014		98.33	0.14
K361015		98.51	0.12
K361016		98.24	0.31
K361017		98.17	0.12
K361019		99.70	0.09
K361020		99.94	0.12
K361021		99.62	0.12
K361022		98.22	0.13
K361023		99.70	0.16
K361024		99.01	0.17
K361025		99.43	0.16
K361026		98.39	0.17
K361027		99.52	0.18
K361028		98.23	0.16
K361029		99.34	0.16
K361030		98.31	0.17
K361031		98.17	0.19
K361032		99.49	0.01
K361033		98.17	0.26
K361034		98.84	0.25
K361035		98.48	0.20
K361037		98.13	0.21
K361038		99.94	0.23
K361040		98.63	0.25
K361041		98.32	0.22
K361042		98.43	0.26
K361043		98.19	0.10
K361044		99.79	0.18
K361045		98.11	0.19
K361046		98.19	0.22
K361047		99.12	0.22
K361048		98.59	0.34
K361049		98.47	0.23
K361051		98.24	0.26
K361052		98.30	0.26

Commentaire: ME- XRF06: Sample with low total was rechecked and confirmed.



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Page: 1  
Finalisée date: 21- JUIN- 2011  
Compte: PET

**CERTIFICAT TB11094839**

Projet: IT  
Bon de commande #:  
Ce rapport s'applique aux 12 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- MAI- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM
V- XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
Au- AA24	Au 50 g FA fini AA	AAS

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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Page: 2 - B  
 Nombre total de pages: 2 (A - B)  
 Finalisée date: 21-JUIN- 2011  
 Compte: PET

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**CERTIFICAT D'ANALYSE TB11094839**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	ME- XRF06	V- XRF10
		LOI %	Total %	V %
K360951 K360969 K360970 K360971 K360972		2.84	98.77	0.13
K361018 K361039 K361053 K361054 K361055		3.50	98.22	0.23
K361056 K361057				



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Page: 1  
 Finalized Date: 4- JUL- 2011  
 Account: PET

**CERTIFICATE VO11083652**

Project: IT  
 P.O. No.: 1/1  
 This report is for 78 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 12- MAY- 2011.

The following have access to data associated with this certificate:

CHRISTIAN DEROSIER	DON FORAN	ROGER MOAR
--------------------	-----------	------------

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um


**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
V- XRF10	Fusion XRF - V Ore Grade	XRF
ME- XRF06	Whole Rock Package - XRF	XRF
OA- GRA06	LOI for ME- XRF06	WST- SIM

To: APELLA RESOURCES INC.  
 ATTN: DON FORAN  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 3 (A - B)  
 Finalized Date: 4-JUL-2011  
 Account: PET

Project: IT

**CERTIFICATE OF ANALYSIS VO11083652**

Sample Description	Method Analyte Units LOR	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Recvd Wt. kg	SIO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360631		3.68	42.00	10.93	22.37	10.48	5.57	1.89	0.21	<0.01	3.70	0.25	0.053	0.01	<0.01	0.71
K360632		3.76	44.06	12.14	20.04	9.91	4.94	2.43	0.34	<0.01	3.29	0.22	0.056	0.02	<0.01	1.00
K360633		3.85	44.36	10.73	21.99	10.01	5.31	1.69	0.18	<0.01	3.74	0.24	0.053	0.01	<0.01	0.56
K360634		3.59	40.46	10.91	24.38	10.33	5.78	1.57	0.13	0.01	4.07	0.26	0.045	0.02	<0.01	0.35
K360635		4.48	41.66	12.05	22.69	9.81	5.71	1.87	0.16	<0.01	3.59	0.25	0.057	0.01	<0.01	0.48
K360636		4.02	39.45	12.59	24.78	8.61	4.53	2.38	0.31	<0.01	4.37	0.25	0.073	0.01	<0.01	0.83
K360637		3.96	36.16	13.95	28.10	7.82	3.32	2.63	0.39	0.01	5.89	0.23	0.057	0.02	0.01	0.97
K360638		3.59	47.49	12.34	16.92	10.15	5.24	2.32	0.31	<0.01	2.30	0.21	0.045	0.02	<0.01	2.02
K360639		3.75	41.08	13.78	22.43	9.69	4.62	2.37	0.25	<0.01	3.93	0.23	0.062	0.02	<0.01	1.25
K360640		3.95	37.48	12.63	26.46	8.91	4.30	1.87	0.16	<0.01	5.05	0.23	0.049	0.01	<0.01	1.26
K360641		3.45	41.83	14.64	20.66	9.70	3.89	2.32	0.22	<0.01	3.54	0.21	0.082	0.02	<0.01	1.21
K360642		4.26	40.08	12.34	23.78	9.32	4.48	2.37	0.33	<0.01	4.04	0.23	0.051	0.01	<0.01	1.15
K360643		3.59	40.60	16.57	20.93	8.99	2.77	3.35	0.52	<0.01	3.98	0.18	0.089	0.03	0.01	1.76
K360644		4.03	41.03	18.46	19.30	8.87	2.16	3.02	0.64	<0.01	3.87	0.18	0.095	0.02	<0.01	1.74
K360645		3.24	39.40	13.88	23.52	9.54	4.46	2.17	0.40	0.01	3.93	0.26	0.068	0.02	<0.01	2.17
K360646		3.44	38.40	14.45	23.81	8.53	3.39	3.03	0.41	0.01	4.95	0.23	0.114	0.03	<0.01	2.08
K360647		3.72	43.07	13.17	20.57	9.51	4.93	2.15	0.31	0.01	3.09	0.24	0.058	0.01	<0.01	1.15
K360648		3.88	41.65	13.23	21.43	9.90	4.69	2.17	0.37	<0.01	3.27	0.24	0.092	0.01	<0.01	1.19
K360649		3.51	41.79	14.18	21.41	9.82	3.98	2.53	0.37	<0.01	3.63	0.23	0.108	0.02	<0.01	1.51
K360650		0.10	28.36	5.44	41.97	7.15	7.60	0.62	0.09	0.02	7.43	0.31	0.022	0.01	<0.01	-0.02
K360651		3.42	43.19	15.46	18.50	8.29	4.39	3.13	0.35	<0.01	2.81	0.23	0.127	0.02	<0.01	1.87
K360652		3.62	43.27	12.35	19.04	9.31	4.94	2.63	0.26	<0.01	3.02	0.21	0.262	0.01	<0.01	2.97
K360653		3.69	45.20	13.50	17.56	9.42	6.11	2.11	0.34	<0.01	1.60	0.25	0.053	0.01	<0.01	2.10
K360654		3.70	46.71	16.27	13.95	10.29	4.74	2.74	0.29	<0.01	1.50	0.20	0.061	0.02	<0.01	1.54
K360655		3.54	47.17	17.02	13.03	10.56	4.49	2.81	0.26	<0.01	1.28	0.19	0.042	0.02	<0.01	1.48
K360656		3.46	47.25	18.98	10.35	10.79	2.64	3.34	0.27	<0.01	1.17	0.14	0.100	0.03	<0.01	2.25
K360658		2.38	51.30	15.29	9.11	8.94	4.02	5.01	0.17	0.01	0.64	0.10	0.051	0.02	<0.01	3.46
K360659		3.35	42.35	14.08	20.81	9.84	5.05	2.13	0.48	0.04	3.03	0.25	0.082	0.02	0.01	1.52
K360660		2.99	45.36	14.93	17.18	8.73	5.26	3.05	0.48	0.02	1.90	0.21	0.092	0.02	<0.01	2.15
K360661		2.88	45.36	14.97	16.96	9.02	5.25	2.99	0.20	0.01	2.19	0.21	0.068	0.02	<0.01	2.52
K360662		3.10	36.08	8.30	33.22	5.80	8.21	0.80	0.20	0.04	4.02	0.38	0.049	0.01	<0.01	1.24
K360663		2.88	41.62	15.57	21.67	7.64	4.86	1.96	0.41	0.02	2.86	0.23	0.058	0.02	<0.01	1.52
K360664		3.33	35.37	12.01	29.33	8.51	4.68	0.94	0.16	0.08	5.12	0.24	0.046	0.02	<0.01	1.76
K360665		2.77	45.54	15.61	14.80	9.60	5.64	2.39	0.37	<0.01	1.29	0.21	0.055	0.02	<0.01	2.77
K360666		2.95	44.27	17.37	15.47	8.99	3.61	2.85	0.44	0.01	2.54	0.16	0.048	0.02	<0.01	2.48
K360667		3.28	40.25	11.51	25.27	7.66	5.02	1.88	0.37	0.01	4.05	0.25	0.070	0.01	<0.01	1.99
K360668		3.20	39.94	12.18	24.54	7.92	5.45	1.45	0.42	0.01	3.54	0.26	0.081	0.01	<0.01	2.38
K360669		2.98	42.07	11.23	23.24	8.20	6.01	1.72	0.39	<0.01	3.02	0.27	0.088	0.01	<0.01	2.15
K360670		2.61	42.64	11.10	22.09	7.56	7.13	1.21	0.26	<0.01	2.40	0.29	0.098	0.01	<0.01	3.44
K360671		2.30	38.87	15.01	18.77	9.27	4.41	1.63	0.41	0.01	2.88	0.17	0.029	0.02	<0.01	6.68





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Page: 2 - B  
 Total # Pages: 3 (A - B)  
 Finalized Date: 4-JUL-2011  
 Account: PET

Project: IT

**CERTIFICATE OF ANALYSIS VO11083652**

Sample Description	Method Analyte Units LOR	ME- XRF06	V- XRF10
		Total %	V %
K360631		98.17	0.07
K360632		98.44	0.06
K360633		98.88	0.08
K360634		98.31	0.08
K360635		98.34	0.07
K360636		98.18	0.08
K360637		99.55	0.12
K360638		99.36	0.05
K360639		99.71	0.09
K360640		98.41	0.11
K360641		98.31	0.08
K360642		98.18	0.09
K360643		99.76	0.09
K360644		99.39	0.08
K360645		98.83	0.10
K360646		99.44	0.10
K360647		98.27	0.07
K360648		98.25	0.07
K360649		99.58	0.08
K360650		99.00	0.25
K360651		98.36	0.06
K360652		98.28	0.04
K360653		98.24	0.04
K360654		98.29	0.04
K360655		98.35	0.03
K360656		98.29	0.02
K360658		98.11	0.02
K360659		99.68	0.08
K360660		99.36	0.05
K360661		99.77	0.06
K360662		98.35	0.11
K360663		98.44	0.07
K360664		98.26	0.15
K360665		98.29	0.03
K360666		98.25	0.07
K360667		98.34	0.11
K360668		98.17	0.09
K360669		98.40	0.08
K360670		98.22	0.06
K360671		98.15	0.08



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Page: 3 - A  
 Total # Pages: 3 (A - B)  
 Finalized Date: 4-JUL-2011  
 Account: PET

Project: IT

**CERTIFICATE OF ANALYSIS VO11083652**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- XRF06 SiO2 %	ME- XRF06 Al2O3 %	ME- XRF06 Fe2O3 %	ME- XRF06 CaO %	ME- XRF06 MgO %	ME- XRF06 Na2O %	ME- XRF06 K2O %	ME- XRF06 Cr2O3 %	ME- XRF06 TiO2 %	ME- XRF06 MnO %	ME- XRF06 P2O5 %	ME- XRF06 SrO %	ME- XRF06 BaO %	ME- XRF06 LOI %
K360674		3.49	48.97	16.29	14.75	8.98	2.45	3.18	0.15	<0.01	2.24	0.19	0.047	0.03	<0.01	2.22
K360675		0.11	16.54	5.81	56.05	3.38	4.75	0.46	0.09	0.04	11.47	4.30	0.023	0.01	<0.01	0.38
K360676		3.80	43.22	14.52	19.42	10.11	3.52	2.31	0.14	<0.01	3.01	0.25	0.027	0.02	<0.01	1.62
K360677		3.67	41.92	14.78	20.41	9.32	3.49	2.32	0.09	<0.01	2.29	0.24	0.948	0.02	<0.01	2.47
K360678		3.51	39.02	12.82	21.91	8.95	3.85	1.57	0.08	<0.01	2.45	0.27	0.979	0.01	<0.01	6.29
K360679		3.53	42.48	13.13	23.01	10.05	4.51	1.92	0.11	<0.01	2.99	0.29	0.086	0.02	<0.01	1.14
K360680		3.59	41.05	12.43	23.38	9.66	4.18	1.75	0.14	<0.01	2.94	0.29	0.544	0.01	<0.01	1.98
K360681		3.81	40.49	13.67	22.70	9.20	3.95	2.01	0.15	<0.01	2.67	0.28	1.017	0.02	<0.01	2.16
K360682		3.68	41.09	14.28	21.51	9.46	3.73	2.32	0.22	<0.01	2.70	0.26	1.055	0.02	<0.01	1.60
K360683		3.78	39.41	12.80	24.36	9.30	4.13	2.08	0.21	<0.01	3.16	0.29	1.243	0.02	<0.01	1.22
K360684		3.69	45.67	12.91	19.42	8.98	2.76	3.28	0.20	<0.01	2.18	0.25	0.580	0.02	<0.01	2.20
K360685		3.58	42.26	11.24	19.91	10.66	2.90	2.26	0.13	<0.01	2.29	0.24	0.246	0.02	<0.01	6.04
K360686		4.44	42.60	13.36	21.29	9.45	3.62	2.36	0.30	<0.01	3.45	0.28	0.068	0.02	<0.01	1.37
K360687		3.65	42.61	13.75	20.05	9.87	3.44	2.41	0.30	<0.01	3.48	0.26	0.049	0.02	<0.01	1.96
K360689		3.78	45.76	13.13	19.93	7.61	3.49	3.00	0.47	<0.01	3.21	0.25	0.075	0.03	0.01	1.59
K360690		3.99	40.48	12.27	24.83	7.28	4.51	2.05	0.48	<0.01	4.10	0.31	0.056	0.02	0.01	1.86
K360691		3.64	40.06	12.10	25.06	7.37	4.75	1.86	0.45	<0.01	4.29	0.31	0.052	0.02	0.01	2.11
K360692		3.88	39.16	11.85	26.62	7.17	4.93	1.62	0.36	<0.01	4.51	0.32	0.050	0.02	0.01	1.61
K360693		3.65	38.97	11.66	23.54	7.47	4.92	1.80	0.19	<0.01	4.32	0.29	0.046	0.02	<0.01	5.04
K360694		4.06	39.52	11.92	24.31	7.99	5.06	1.99	0.26	<0.01	4.63	0.30	0.049	0.02	<0.01	2.30
K360695		3.79	38.74	11.21	24.46	8.93	4.93	1.67	0.15	<0.01	4.34	0.29	0.038	0.02	<0.01	3.39
K360696		3.79	39.32	11.58	25.26	7.79	4.99	1.78	0.23	<0.01	4.71	0.31	0.046	0.02	<0.01	2.31
K360697		3.83	39.93	12.25	24.88	8.26	5.19	1.77	0.22	<0.01	5.04	0.31	0.048	0.02	<0.01	1.65
K360698		3.97	40.34	12.25	24.36	8.16	5.24	1.78	0.29	<0.01	4.93	0.31	0.047	0.02	0.01	1.50
K360699		3.92	39.02	11.86	24.59	7.97	5.21	1.82	0.20	<0.01	5.70	0.31	0.044	0.01	<0.01	1.65
K360700		0.64	69.47	15.67	2.36	1.94	0.80	5.82	1.41	<0.01	0.26	0.03	0.058	0.04	0.04	1.04
K360701		3.87	40.07	11.77	23.27	8.43	5.42	1.92	0.19	<0.01	4.86	0.30	0.039	0.01	<0.01	1.88
K360702		3.83	40.97	11.93	22.57	9.18	5.56	1.76	0.18	<0.01	4.40	0.28	0.036	0.01	<0.01	1.33
K360703		2.40	40.72	12.03	22.40	10.62	4.02	1.61	0.08	<0.01	3.44	0.28	0.027	0.01	<0.01	3.31
K360704		3.23	46.99	19.22	12.88	9.47	1.90	3.55	0.12	<0.01	2.05	0.15	0.043	0.03	<0.01	1.82
K360705		3.55	42.63	12.35	22.95	9.67	4.27	1.71	0.12	<0.01	3.18	0.28	0.077	0.01	<0.01	1.20
K360706		3.69	41.07	14.84	22.76	8.46	3.82	2.18	0.09	<0.01	2.45	0.25	0.949	0.01	<0.01	1.33
K360707		3.50	41.76	15.99	20.31	8.78	3.54	2.47	0.06	<0.01	2.39	0.24	1.031	0.02	<0.01	1.63
K360708		3.54	44.01	17.78	16.98	9.39	2.99	2.75	0.07	<0.01	2.03	0.20	0.914	0.02	<0.01	1.10
K360709		2.31	43.88	17.68	16.98	9.02	3.06	2.77	0.08	<0.01	1.99	0.20	0.902	0.02	<0.01	1.73
K360710		3.73	40.21	11.90	22.86	8.84	5.80	1.72	0.14	<0.01	4.30	0.27	0.046	0.01	<0.01	2.18
K360711		3.80	41.64	12.08	20.01	10.49	5.10	2.10	0.16	<0.01	3.98	0.24	0.052	0.02	<0.01	2.55
K360712		3.71	41.96	12.44	20.55	9.72	5.58	2.03	0.15	<0.01	3.90	0.26	0.038	0.02	<0.01	3.07



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Page: 3 - B  
 Total # Pages: 3 (A - B)  
 Finalized Date: 4- JUL- 2011  
 Account: PET

Project: IT

CERTIFICATE OF ANALYSIS VO11083652

Sample Description	Method Analyte Units LOR	ME- XRF06	V- XRF10
		Total %	V %
K360674		99.48	0.02
K360675		99.30	0.36
K360676		98.16	0.02
K360677		98.29	0.01
K360678		98.19	0.01
K360679		99.73	0.01
K360680		98.35	0.01
K360681		98.30	0.01
K360682		98.23	0.01
K360683		98.21	0.01
K360684		98.44	0.01
K360685		98.18	0.01
K360686		98.15	0.01
K360687		98.19	<0.01
K360689		98.54	<0.01
K360690		98.25	<0.01
K360691		98.43	<0.01
K360692		98.22	<0.01
K360693		98.26	<0.01
K360694		98.34	0.01
K360695		98.15	0.01
K360696		98.34	0.01
K360697		99.57	0.01
K360698		99.22	0.02
K360699		98.38	0.01
K360700		98.94	<0.01
K360701		98.15	0.01
K360702		98.20	0.01
K360703		98.55	0.04
K360704		98.21	0.02
K360705		98.45	0.01
K360706		98.19	<0.01
K360707		98.19	<0.01
K360708		98.21	<0.01
K360709		98.30	<0.01
K360710		98.27	0.01
K360711		98.41	0.01
K360712		99.71	0.01



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Page: 1  
Finalisée date: 12- JUIL- 2011  
Compte: PET

### CERTIFICAT VO11083653

Projet: IT  
Bon de commande #: 1/1  
Ce rapport s'applique aux 151 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- MAI- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

### PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre


### PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
V- XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 12- JUIL- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11083653**

Description échantillon	Méthode	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
	élément	Poids reçu	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	unités	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	L.D.	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
K360714		3.82	41.73	11.19	21.95	10.61	5.31	1.61	0.12	<0.01	4.14	0.26	0.023	0.02	<0.01	1.32
K360715		3.78	39.96	11.23	21.77	10.70	5.69	1.66	0.09	<0.01	4.29	0.26	0.023	0.02	<0.01	2.44
K360716		3.51	44.47	15.22	17.38	9.69	4.20	2.62	0.15	<0.01	2.67	0.20	0.046	0.02	<0.01	1.85
K360717		2.54	44.43	18.90	14.11	10.79	4.13	3.00	0.09	<0.01	2.12	0.16	0.017	0.03	<0.01	2.14
K360718		3.56	45.43	17.65	13.72	10.44	3.92	2.74	0.08	<0.01	2.00	0.15	0.017	0.02	<0.01	1.96
K360719		3.50	43.30	17.20	15.46	10.52	4.48	2.66	0.07	<0.01	2.26	0.16	0.014	0.02	<0.01	2.31
K360720		3.78	44.80	17.46	14.59	10.27	4.19	2.62	0.11	<0.01	2.13	0.15	0.014	0.02	<0.01	1.99
K360721		3.77	42.45	15.73	18.17	10.48	5.41	2.18	0.09	<0.01	2.62	0.19	0.016	0.02	<0.01	1.70
K360722		3.61	41.79	16.47	16.25	10.34	4.86	2.50	0.10	<0.01	2.37	0.17	0.016	0.02	<0.01	3.16
K360723		3.72	43.53	17.26	15.86	10.80	4.83	2.63	0.11	<0.01	2.36	0.17	0.015	0.03	<0.01	2.35
K360724		3.86	42.24	16.59	17.64	9.82	5.35	2.71	0.12	<0.01	2.48	0.19	0.015	0.03	<0.01	2.74
K360725		0.13	37.50	15.87	24.01	9.50	6.56	1.59	0.08	0.08	2.95	0.18	0.023	0.02	<0.01	0.87
K360726		3.49	37.55	11.64	19.48	9.86	5.86	1.44	0.05	<0.01	2.78	0.21	0.014	0.01	<0.01	9.53
K360727		3.62	35.38	9.33	20.55	9.76	6.81	0.55	0.03	0.01	2.99	0.21	0.013	0.01	<0.01	13.00
K360728		3.10	30.70	9.21	18.23	13.16	5.25	1.11	0.12	<0.01	2.98	0.19	0.012	0.01	<0.01	17.60
K360729		3.66	31.06	13.54	29.56	7.22	3.84	1.92	0.15	0.01	6.06	0.19	0.016	0.01	<0.01	5.68
K360730		3.81	34.02	14.70	29.49	7.52	3.62	2.07	0.14	0.01	6.35	0.20	0.023	0.02	<0.01	2.03
K360731		3.92	34.20	14.51	28.71	7.80	3.27	1.83	0.12	0.01	6.09	0.19	0.016	0.02	<0.01	1.34
K360732		4.08	33.91	15.03	28.77	7.82	2.99	1.93	0.13	0.01	6.22	0.18	0.017	0.02	<0.01	1.63
K360733		3.92	32.70	15.71	30.14	7.80	3.23	2.01	0.12	0.01	6.48	0.19	0.019	0.02	<0.01	1.56
K360734		4.00	35.39	14.43	28.20	7.67	3.29	1.80	0.11	0.01	5.98	0.18	0.018	0.02	<0.01	1.40
K360735		3.98	33.63	14.36	28.90	7.90	3.64	1.71	0.15	0.01	5.93	0.19	0.016	0.02	<0.01	2.17
K360736		3.89	32.89	13.80	30.71	7.35	3.85	1.78	0.13	0.01	5.91	0.20	0.017	0.02	<0.01	1.54
K360737		3.84	30.68	13.16	33.07	6.78	4.52	1.55	0.17	0.01	6.39	0.22	0.017	0.02	<0.01	1.73
K360738		4.08	31.66	12.66	32.71	6.97	4.41	1.59	0.19	0.01	6.20	0.22	0.017	0.02	<0.01	2.05
K360739		4.14	30.13	12.66	34.76	6.70	4.62	1.50	0.16	0.01	6.80	0.23	0.018	0.02	<0.01	2.12
K360740		3.97	30.22	12.94	35.24	6.59	4.38	1.41	0.18	0.01	6.85	0.23	0.020	0.02	<0.01	1.42
K360741		4.19	31.72	13.25	33.17	6.82	4.35	1.47	0.16	0.01	6.29	0.21	0.020	0.02	<0.01	1.40
K360742		3.99	29.97	12.46	35.04	6.29	4.44	1.39	0.22	0.01	6.66	0.22	0.019	0.02	<0.01	1.62
K360743		3.84	30.81	13.26	32.94	6.68	4.28	1.67	0.26	0.01	6.29	0.21	0.020	0.02	0.01	2.04
K360744		4.04	30.29	12.91	35.16	6.72	4.67	1.49	0.28	0.01	6.59	0.23	0.019	0.02	<0.01	1.80
K360745		3.82	29.60	12.22	35.45	6.52	4.42	1.29	0.21	0.01	6.41	0.22	0.018	0.01	<0.01	2.05
K360746		4.01	30.11	12.68	35.27	6.31	4.22	1.29	0.17	0.01	6.71	0.22	0.018	0.01	<0.01	1.55
K360747		3.51	30.61	12.89	34.88	6.03	4.28	1.29	0.12	0.01	6.45	0.21	0.045	0.01	0.01	1.59
K360748		4.16	27.76	13.16	38.15	6.30	4.06	1.40	0.20	0.02	7.33	0.22	0.017	0.02	0.01	1.52
K360749		1.91	29.72	12.13	35.77	4.98	4.44	1.62	0.40	0.02	6.75	0.21	0.061	0.02	0.02	2.06
K360750		0.10	28.09	5.36	42.23	7.15	7.60	0.59	0.08	0.02	7.44	0.30	0.022	0.01	<0.01	0.04
K360751		3.34	50.09	13.08	7.90	9.77	7.99	4.78	0.23	0.07	0.78	0.11	0.497	0.10	0.02	3.38
K360752		2.20	49.99	13.03	8.09	9.00	8.24	4.68	0.18	0.07	0.76	0.11	0.455	0.09	0.14	3.45
K360753		2.96	50.05	12.54	7.51	10.08	9.28	4.51	0.24	0.10	0.66	0.11	0.491	0.08	0.02	3.44



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Page: 2 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 12-JUIL- 2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE VO11083653

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360714		98.27	0.02
K360715		98.12	0.02
K360716		98.52	0.02
K360717		99.91	0.04
K360718		98.12	0.04
K360719		98.45	0.04
K360720		98.35	0.04
K360721		99.05	0.05
K360722		98.04	0.05
K360723		99.94	0.05
K360724		99.92	0.05
K360725		99.23	0.16
K360726		98.41	0.06
K360727		98.63	0.07
K360728		98.57	0.07
K360729		99.26	0.15
K360730		100.20	0.16
K360731		98.09	0.16
K360732		98.66	0.16
K360733		100.00	0.17
K360734		98.49	0.16
K360735		98.62	0.16
K360736		98.20	0.16
K360737		98.32	0.17
K360738		98.70	0.17
K360739		99.73	0.19
K360740		99.51	0.20
K360741		98.89	0.19
K360742		98.36	0.20
K360743		98.50	0.19
K360744		100.20	0.20
K360745		98.43	0.20
K360746		98.57	0.22
K360747		98.43	0.22
K360748		100.15	0.25
K360749		98.20	0.24
K360750		98.94	0.24
K360751		98.79	0.02
K360752		98.28	0.02
K360753		99.11	0.02



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Page: 3 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 12-JUIL-2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11083653**

Description échantillon	Méthode élément unités L.D.	WEI- 21 Polds reçu kg	ME- XRF06 SiO2 %	ME- XRF06 Al2O3 %	ME- XRF06 Fe2O3 %	ME- XRF06 CaO %	ME- XRF06 MgO %	ME- XRF06 Na2O %	ME- XRF06 K2O %	ME- XRF06 Cr2O3 %	ME- XRF06 TiO2 %	ME- XRF06 MnO %	ME- XRF06 P2O5 %	ME- XRF06 SrO %	ME- XRF06 BaO %	ME- XRF06 LOI %
K360754		3.83	27.60	12.83	38.93	5.42	3.19	1.42	0.50	0.03	7.73	0.22	0.017	0.02	0.02	0.91
K360755		3.91	28.07	13.22	38.49	6.49	3.47	1.44	0.22	0.04	7.51	0.22	0.018	0.02	0.01	0.82
K360756		4.13	26.91	12.00	39.86	5.91	3.33	1.30	0.37	0.03	7.97	0.22	0.016	0.02	0.02	1.03
K360757		3.39	29.25	13.65	35.00	6.98	3.20	1.61	0.19	0.03	6.78	0.20	0.021	0.03	0.01	1.89
K360758		1.50	23.96	8.83	41.99	5.96	2.66	1.56	0.11	0.02	7.96	0.21	0.016	0.01	<0.01	5.01
K360759		4.27	25.94	11.49	40.75	5.94	3.26	1.18	0.31	0.02	7.91	0.23	0.016	0.02	0.01	1.16
K360760		3.91	28.56	12.62	36.42	6.97	3.21	1.33	0.27	0.02	7.11	0.20	0.014	0.02	<0.01	1.72
K360761		4.12	29.74	12.53	34.90	7.05	4.07	1.23	0.17	0.02	6.84	0.21	0.017	0.02	<0.01	1.62
K360762		3.97	28.54	12.36	37.21	6.95	3.33	1.19	0.15	0.02	7.25	0.20	0.014	0.01	<0.01	1.19
K360763		4.00	28.67	12.25	37.08	7.32	3.83	1.23	0.08	0.02	7.06	0.21	0.015	0.02	<0.01	1.32
K360764		4.00	28.66	11.72	37.97	7.11	3.66	1.21	0.07	0.02	7.08	0.21	0.013	0.01	<0.01	0.71
K360765		3.89	30.47	12.21	34.81	7.80	3.77	1.22	0.12	0.02	6.53	0.20	0.014	0.01	<0.01	1.35
K360766		3.78	31.01	12.32	33.64	7.75	4.10	1.36	0.16	0.02	6.17	0.22	0.015	0.02	<0.01	1.55
K360767		3.80	34.38	12.77	29.46	8.80	4.21	1.38	0.16	0.01	5.32	0.21	0.013	0.01	<0.01	1.70
K360768		3.66	32.90	12.33	31.98	8.13	4.19	1.22	0.12	0.01	5.66	0.22	0.012	0.01	<0.01	1.49
K360769		4.22	34.00	13.19	30.50	8.96	4.67	1.44	0.06	0.01	5.52	0.21	0.014	0.02	<0.01	0.93
K360770		3.89	32.94	12.24	32.00	8.49	4.58	1.25	0.05	0.02	5.72	0.21	0.013	0.01	<0.01	0.92
K360771		3.60	34.67	12.62	29.33	8.79	4.94	1.41	0.11	0.01	5.00	0.21	0.014	0.01	<0.01	1.41
K360772		3.71	34.00	12.00	30.33	8.87	5.03	1.34	0.08	0.01	5.00	0.21	0.012	0.01	<0.01	1.35
K360773		3.84	34.66	12.57	29.09	9.19	5.25	1.48	0.09	0.01	4.92	0.21	0.015	0.02	<0.01	1.74
K360774		3.64	35.10	12.38	27.38	9.68	4.94	1.28	0.08	0.01	4.64	0.19	0.014	0.02	<0.01	2.72
K360775		0.11	16.78	5.77	56.33	3.45	4.80	0.45	0.09	0.05	11.62	0.30	0.023	0.01	0.01	0.52
K360776		3.79	35.53	12.48	26.84	9.37	5.35	1.60	0.08	0.01	4.46	0.21	0.015	0.02	<0.01	2.30
K360777		4.20	35.89	13.67	27.10	9.26	5.14	1.75	0.07	0.01	4.54	0.20	0.015	0.02	<0.01	1.50
K360778		3.82	35.30	12.65	28.29	8.68	5.82	1.35	0.06	0.01	4.22	0.20	0.014	0.01	<0.01	1.79
K360779		3.85	33.93	12.79	28.94	9.16	4.86	1.42	0.07	0.01	4.76	0.19	0.013	0.01	<0.01	2.31
K360780		4.02	35.50	13.19	27.31	9.71	4.63	1.30	0.07	0.01	4.75	0.18	0.014	0.02	<0.01	2.00
K360781		3.70	27.35	10.64	36.71	8.74	4.25	0.61	0.05	0.02	6.79	0.20	0.012	0.02	<0.01	2.84
K360782		4.58	19.10	11.82	48.51	4.90	2.13	0.83	0.09	0.04	9.58	0.21	0.014	0.02	<0.01	1.74
K360783		3.76	28.28	15.29	35.37	6.97	2.31	1.69	0.07	0.02	6.80	0.17	0.015	0.02	<0.01	1.55
K360784		3.66	32.95	15.38	30.50	8.16	3.52	1.81	0.07	0.02	5.57	0.18	0.017	0.02	<0.01	1.47
K360785		3.82	31.91	14.69	31.75	7.81	3.13	1.58	0.07	0.02	5.72	0.17	0.016	0.02	<0.01	1.68
K360786		3.90	28.59	15.57	34.57	7.46	2.14	1.69	0.12	0.02	6.57	0.17	0.016	0.02	<0.01	2.22
K360787		3.82	28.84	14.67	35.06	7.26	2.46	1.54	0.12	0.02	6.51	0.17	0.016	0.02	<0.01	1.81
K360788		4.47	27.03	15.13	38.41	6.90	2.30	1.55	0.09	0.03	7.23	0.18	0.016	0.02	<0.01	1.33
K360789		3.84	27.37	14.92	35.16	7.67	2.23	1.45	0.06	0.02	6.50	0.17	0.016	0.01	<0.01	2.53
K360790		4.04	30.11	13.72	34.23	8.11	4.02	1.23	0.05	0.02	6.04	0.19	0.015	0.02	<0.01	2.36
K360791		4.13	32.26	15.64	29.80	8.44	2.91	1.65	0.09	0.01	5.01	0.16	0.017	0.02	<0.01	2.30
K360792		3.82	31.91	15.73	30.49	8.50	2.49	1.53	0.09	0.02	5.47	0.16	0.020	0.02	<0.01	1.98
K360793		3.81	32.69	11.90	30.58	9.19	5.48	0.96	0.11	0.02	4.99	0.22	0.020	0.01	<0.01	2.54



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Page: 3 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 12- JUIL- 2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE VO11083653

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
		0.01	0.01
K360754		98.63	0.28
K360755		100.05	0.27
K360756		98.98	0.29
K360757		98.83	0.24
K360758		98.30	0.27
K360759		98.23	0.29
K360760		98.47	0.26
K360761		98.42	0.25
K360762		98.42	0.27
K360763		99.11	0.27
K360764		98.45	0.27
K360765		98.53	0.26
K360766		98.34	0.24
K360767		98.43	0.21
K360768		98.27	0.22
K360769		99.52	0.22
K360770		98.44	0.23
K360771		98.52	0.21
K360772		98.24	0.21
K360773		99.25	0.20
K360774		98.43	0.19
K360775		100.20	0.36
K360776		98.26	0.19
K360777		99.16	0.19
K360778		98.39	0.18
K360779		98.46	0.20
K360780		98.68	0.20
K360781		98.24	0.29
K360782		98.99	0.42
K360783		98.56	0.28
K360784		99.66	0.23
K360785		98.56	0.25
K360786		99.16	0.28
K360787		98.50	0.29
K360788		100.20	0.32
K360789		98.11	0.29
K360790		100.10	0.28
K360791		98.30	0.23
K360792		98.40	0.25
K360793		98.71	0.22





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Page: 4 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 12-JUIL- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11083653**

Description échantillon	Méthode	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
	élément unités L.D.	Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
K360794		2.31	45.68	15.04	13.54	9.14	2.27	4.43	0.04	<0.01	2.81	0.11	0.291	0.01	<0.01	5.33
K360795		1.96	41.33	14.91	17.85	9.36	3.84	3.07	0.14	<0.01	2.80	0.17	0.080	0.01	<0.01	4.93
K360796		3.35	45.99	18.21	13.56	9.33	3.06	4.26	0.17	<0.01	1.88	0.13	0.242	0.02	<0.01	2.96
K360797		2.95	44.98	18.20	15.75	8.40	2.07	4.05	0.26	<0.01	2.45	0.11	0.100	0.02	<0.01	3.12
K360798		3.28	43.54	20.03	16.09	9.18	1.61	3.52	0.33	<0.01	2.59	0.11	0.159	0.02	<0.01	2.71
K360799		2.36	42.72	20.30	13.95	8.57	1.68	4.32	0.19	<0.01	2.68	0.11	0.053	0.03	<0.01	3.53
K360800		0.40	69.97	15.18	1.95	2.18	0.81	5.56	1.58	<0.01	0.15	0.03	0.057	0.03	0.04	0.95
K360801		2.36	37.40	15.94	25.09	6.91	3.32	2.14	0.27	0.01	4.09	0.19	0.070	0.02	<0.01	2.93
K360802		2.28	48.19	14.52	11.16	8.80	10.88	2.18	0.22	<0.01	0.43	0.15	0.038	0.01	<0.01	4.28
K360803		3.16	42.81	14.68	17.12	9.15	6.29	1.92	0.35	<0.01	2.13	0.16	0.020	0.02	<0.01	3.59
K360804		3.21	36.64	13.93	21.71	9.56	4.45	1.88	0.40	0.01	3.15	0.16	0.019	0.01	<0.01	6.59
K360805		3.16	34.08	14.45	23.37	9.82	4.26	1.82	0.22	0.01	3.82	0.16	0.017	0.02	<0.01	6.32
K360806		3.52	35.32	14.36	27.53	9.72	4.72	1.55	0.21	0.02	4.33	0.19	0.016	0.02	<0.01	2.12
K360807		3.44	38.78	13.70	23.10	10.20	5.92	1.49	0.17	0.01	3.26	0.19	0.018	0.02	<0.01	2.07
K360808		3.39	39.27	15.24	22.42	9.85	5.29	1.81	0.16	0.01	3.20	0.17	0.020	0.02	<0.01	2.43
K360809		3.32	38.64	14.94	20.62	10.48	5.18	2.02	0.19	0.01	2.87	0.16	0.021	0.02	<0.01	3.63
K360810		3.59	38.99	16.10	20.56	10.60	4.62	1.93	0.21	0.01	2.96	0.15	0.016	0.02	<0.01	2.97
K360811		3.36	39.31	13.74	22.83	9.93	5.80	1.43	0.13	0.01	3.13	0.18	0.017	0.01	<0.01	2.16
K360812		3.61	37.53	14.14	24.70	9.65	5.12	1.60	0.14	0.01	3.63	0.18	0.020	0.02	<0.01	2.30
K360813		3.43	37.97	15.06	23.81	9.09	4.33	1.76	0.15	0.01	3.61	0.17	0.020	0.02	<0.01	2.17
K360814		3.65	36.94	14.03	25.04	9.48	5.11	1.43	0.12	0.01	3.74	0.18	0.017	0.02	<0.01	2.53
K360815		3.50	38.94	13.37	23.18	10.86	6.39	1.36	0.10	0.01	3.22	0.19	0.015	0.02	<0.01	2.03
K360816		3.44	38.74	13.36	23.02	11.05	6.60	1.11	0.08	0.01	3.07	0.19	0.015	0.02	<0.01	2.77
K360817		2.93	38.94	13.26	22.52	10.11	6.30	1.48	0.06	0.01	3.06	0.19	0.081	0.02	<0.01	3.15
K360818		2.60	47.29	24.01	6.70	12.13	1.88	3.95	0.14	<0.01	0.66	0.07	0.049	0.03	<0.01	2.77
K360819		3.05	47.33	25.42	5.35	10.64	1.03	4.81	0.34	<0.01	0.49	0.05	0.061	0.02	<0.01	4.09
K360820		3.51	39.75	13.14	22.02	11.06	7.08	1.04	0.05	0.01	2.80	0.19	0.012	0.02	<0.01	2.20
K360821		3.60	38.64	14.47	22.65	10.22	5.29	1.28	0.06	0.01	3.07	0.16	0.042	0.02	<0.01	2.32
K360822		3.38	37.88	12.59	24.71	10.10	6.38	1.08	0.06	0.02	3.40	0.20	0.021	0.01	<0.01	2.07
K360823		3.22	40.39	14.00	20.52	11.00	6.36	1.25	0.06	0.01	2.66	0.17	0.013	0.02	<0.01	2.40
K360824		3.69	39.39	13.67	23.73	10.39	6.27	1.07	0.05	0.01	2.99	0.18	0.016	0.02	<0.01	0.48
K360825		0.12	37.30	16.00	23.70	9.35	6.49	1.60	0.08	0.07	2.93	0.18	0.022	0.01	<0.01	0.86
K360826		3.69	35.68	13.74	26.81	9.45	5.63	1.51	0.06	0.02	3.86	0.19	0.013	0.02	<0.01	1.91
K360827		3.60	38.77	13.50	23.14	11.01	6.37	1.17	0.04	0.01	3.12	0.18	0.016	0.02	<0.01	2.17
K360828		3.91	38.96	14.67	21.83	10.54	5.43	1.24	0.05	0.01	2.95	0.16	0.014	0.02	<0.01	2.57
K360829		2.57	37.20	14.72	23.69	10.36	5.28	1.26	0.05	0.01	3.33	0.17	0.014	0.02	<0.01	3.39
K360830		1.80	36.13	15.79	23.23	10.06	4.55	1.27	0.05	0.01	3.39	0.15	0.015	0.02	<0.01	5.11
K360831		3.31	34.07	15.78	21.01	8.53	3.63	2.26	0.24	0.01	3.21	0.11	0.016	0.01	<0.01	9.24
K360832		2.57	31.85	12.83	33.55	6.56	5.55	1.38	0.07	0.01	6.36	0.24	0.015	0.02	<0.01	1.61
K360833		3.40	32.17	13.49	32.39	7.25	4.75	1.57	0.07	0.01	6.54	0.22	0.013	0.02	<0.01	0.89



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Page: 4 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 12- JUIL- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11083653**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total % 0.01	V % 0.01
K360794		98.69	0.08
K360795		98.48	0.10
K360796		99.81	0.08
K360797		99.52	0.09
K360798		99.89	0.09
K360799		98.13	0.09
K360800		98.48	<0.01
K360801		98.37	0.17
K360802		98.85	0.02
K360803		98.24	0.10
K360804		98.51	0.15
K360805		98.37	0.18
K360806		100.10	0.21
K360807		98.92	0.16
K360808		99.89	0.16
K360809		98.78	0.14
K360810		99.14	0.15
K360811		98.67	0.16
K360812		99.04	0.18
K360813		98.16	0.18
K360814		98.65	0.19
K360815		99.68	0.16
K360816		100.05	0.16
K360817		99.19	0.15
K360818		99.67	0.03
K360819		99.62	0.02
K360820		99.37	0.15
K360821		98.23	0.16
K360822		98.52	0.18
K360823		98.85	0.14
K360824		98.27	0.16
K360825		98.59	0.15
K360826		98.89	0.21
K360827		99.52	0.16
K360828		98.43	0.16
K360829		99.49	0.18
K360830		99.78	0.18
K360831		98.11	0.15
K360832		100.05	0.14
K360833		99.38	0.15



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Page: 5 - A  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 12-JUIL-2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11083653**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360834		3.55	31.19	14.46	32.99	6.25	2.80	2.21	0.08	0.01	7.59	0.19	0.012	0.02	<0.01	1.30
K360835		3.61	31.88	15.30	32.01	7.21	2.49	1.88	0.08	0.01	7.21	0.18	0.012	0.02	<0.01	0.53
K360836		3.53	31.42	15.34	32.42	7.63	3.49	1.88	0.07	0.02	6.80	0.20	0.012	0.03	<0.01	0.78
K360837		3.68	29.88	12.92	35.58	6.18	4.44	1.45	0.05	0.01	6.77	0.22	0.013	0.01	<0.01	0.96
K360838		4.03	28.64	12.27	37.28	6.06	4.52	1.28	0.06	0.02	7.05	0.23	0.013	0.02	<0.01	1.16
K360839		3.86	29.97	12.64	34.91	7.31	4.40	1.34	0.07	0.01	6.84	0.22	0.013	0.02	<0.01	1.21
K360840		4.05	28.77	12.08	37.22	5.93	4.40	1.39	0.05	0.01	7.14	0.22	0.013	0.01	<0.01	1.51
K360841		3.57	29.57	12.04	36.28	6.24	4.31	1.28	0.05	0.01	7.05	0.22	0.013	0.01	<0.01	1.23
K360842		3.98	27.95	12.29	37.84	6.54	3.97	1.24	0.06	0.02	7.33	0.22	0.013	0.01	<0.01	0.96
K360843		3.94	25.73	11.94	41.54	5.71	3.60	1.14	0.05	0.02	8.19	0.22	0.012	0.01	<0.01	0.79
K360844		3.92	25.53	12.57	40.87	6.30	3.38	1.24	0.05	0.02	8.18	0.22	0.012	0.02	<0.01	0.72
K360845		4.09	25.86	11.86	40.61	6.37	3.23	1.22	0.04	0.02	8.06	0.21	0.012	0.01	<0.01	0.94
K360846		4.10	26.30	11.98	40.53	6.46	3.22	1.26	0.06	0.02	7.96	0.21	0.012	0.02	0.01	0.64
K360847		4.08	27.12	13.20	37.92	6.88	3.07	1.51	0.05	0.02	7.65	0.19	0.012	0.02	<0.01	0.74
K360848		3.97	26.71	11.81	40.01	6.56	3.39	1.27	0.05	0.02	7.88	0.21	0.011	0.01	<0.01	0.62
K360849		3.78	28.34	12.17	37.51	7.75	3.87	1.27	0.05	0.02	7.16	0.21	0.011	0.02	<0.01	1.00
K360850		0.12	28.25	5.36	42.20	7.13	7.55	0.61	0.08	0.02	7.38	0.30	0.022	0.01	<0.01	0.03
K360851		3.92	28.92	12.17	36.13	7.88	3.97	1.28	0.06	0.02	6.88	0.21	0.010	0.02	<0.01	0.74
K360852		3.15	31.55	12.11	33.42	8.09	4.07	1.50	0.06	0.02	6.34	0.21	0.011	0.01	<0.01	1.32
K360853		3.87	32.70	12.83	32.58	8.77	4.56	1.58	0.06	0.02	5.90	0.20	0.011	0.02	<0.01	0.83
K360854		4.67	33.57	12.62	30.52	8.61	4.52	1.49	0.06	0.02	5.49	0.20	0.011	0.01	<0.01	1.20
K360855		3.86	34.90	12.43	29.84	9.01	5.09	1.47	0.06	0.01	5.07	0.20	0.011	0.01	<0.01	0.76
K360856		3.85	34.51	12.12	29.99	9.04	5.14	1.34	0.05	0.01	4.92	0.21	0.011	0.01	<0.01	1.09
K360857		4.54	36.54	12.49	27.85	9.49	5.30	1.47	0.05	0.01	4.71	0.20	0.010	0.01	<0.01	0.62
K360858		3.87	36.94	12.46	27.23	9.73	5.54	1.42	0.06	0.01	4.25	0.20	0.010	0.01	<0.01	0.72
K360859		3.92	37.24	13.94	26.39	9.78	5.63	1.58	0.05	0.01	4.24	0.20	0.011	0.02	<0.01	0.87
K360860		4.37	35.59	12.52	28.16	8.96	6.13	1.28	0.04	0.01	4.17	0.21	0.011	0.01	<0.01	1.14
K360861		4.85	36.29	12.79	26.93	10.28	5.32	1.33	0.06	0.01	4.26	0.19	0.010	0.01	<0.01	1.00
K360862		4.49	34.26	11.59	30.46	9.35	5.43	1.25	0.04	0.02	5.30	0.20	0.017	0.02	<0.01	0.86
K360863		4.54	20.96	12.60	46.46	5.37	1.90	0.98	0.05	0.04	9.18	0.19	0.011	0.01	<0.01	0.49
K360864		4.41	26.96	14.84	37.69	7.04	1.98	1.46	0.06	0.02	7.14	0.16	0.012	0.02	<0.01	1.03



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Page: 5 - B  
 Nombre total de pages: 5 (A - B)  
 Finalisée date: 12-JUIL-2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE VO11083653

Description échantillon	Méthode élément unités L.D.	ME- XRF06	V- XRF10
		Total %	V %
K360834		99.11	0.18
K360835		98.81	0.19
K360836		100.10	0.18
K360837		98.49	0.19
K360838		98.59	0.21
K360839		98.95	0.19
K360840		98.75	0.21
K360841		98.31	0.22
K360842		98.44	0.24
K360843		98.96	0.28
K360844		99.11	0.28
K360845		98.45	0.29
K360846		98.66	0.29
K360847		98.39	0.28
K360848		98.56	0.30
K360849		99.39	0.27
K360850		98.94	0.25
K360851		98.29	0.26
K360852		98.71	0.24
K360853		100.05	0.23
K360854		98.32	0.22
K360855		98.87	0.21
K360856		98.44	0.20
K360857		98.75	0.20
K360858		98.59	0.18
K360859		99.96	0.18
K360860		98.23	0.18
K360861		98.48	0.19
K360862		98.80	0.23
K360863		98.25	0.41
K360864		98.42	0.32



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Page: 1  
Finalisée date: 13- JUIL- 2011  
Compte: PET

**CERTIFICAT TB11094837**

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Bon de commande #:  
Ce rapport s'applique aux 103 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- MAI- 2011.

Les résultats sont transmis à:

CHRISTIAN DEROSIER

DON FORAN

ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre


**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
PGM- ICP24	Pt, Pd et Au 50 g FA ICP	ICP- AES
V- XRF10	XRF de Fusion- le Degré de Minerai de V	XRF
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 13- JUIL- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE TBI1094837**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360865		4.38	26.44	15.09	38.42	6.76	1.76	1.40	0.06	0.02	7.32	0.16	0.013	0.02	0.01	0.93
K360866		4.32	25.62	14.24	38.83	6.78	2.05	1.34	0.05	0.02	7.22	0.17	0.014	0.02	<0.01	1.97
K360867		4.44	26.49	14.47	39.02	6.48	2.18	1.41	0.06	0.03	7.20	0.17	0.013	0.02	<0.01	0.97
K360868		4.70	26.61	14.28	38.14	7.17	2.76	1.27	0.06	0.03	7.14	0.18	0.013	0.02	<0.01	0.74
K360869		4.79	25.52	14.56	37.71	7.60	2.59	1.26	0.05	0.03	6.94	0.18	0.014	0.02	<0.01	1.68
K360870		3.70	41.84	21.69	13.72	10.25	2.26	3.20	0.10	<0.01	2.25	0.09	0.019	0.03	<0.01	2.84
K360871		4.50	37.25	18.53	21.98	10.61	2.23	2.21	0.08	0.03	3.52	0.11	0.034	0.03	<0.01	1.88
K360872		4.37	35.72	16.30	25.67	9.67	3.80	1.63	0.08	0.01	4.15	0.16	0.021	0.02	<0.01	1.37
K360873		4.08	42.19	15.95	18.13	10.34	5.77	1.97	0.07	<0.01	2.44	0.17	0.016	0.02	<0.01	1.20
K360874		4.06	42.95	14.55	18.57	10.75	6.03	1.66	0.07	<0.01	2.46	0.17	0.012	0.02	<0.01	1.16
K360875		0.13	16.54	5.75	55.86	3.39	4.79	0.44	0.09	0.04	11.50	0.29	0.023	0.01	0.01	0.44
K360876		4.45	37.46	15.33	23.83	10.66	5.46	1.27	0.07	0.01	3.59	0.16	0.011	0.02	<0.01	1.57
K360877		4.29	35.14	18.00	25.46	10.18	3.50	1.61	0.07	0.02	3.92	0.14	0.014	0.03	<0.01	1.41
K360878		4.15	37.90	18.57	21.47	10.30	3.05	1.73	0.06	0.01	3.30	0.12	0.018	0.02	<0.01	1.76
K360879		4.20	34.84	16.37	26.45	10.27	3.91	1.39	0.06	0.01	4.04	0.15	0.077	0.02	<0.01	1.49
K360880		4.15	42.09	20.02	14.68	12.17	3.24	1.97	0.06	<0.01	2.13	0.11	0.024	0.02	<0.01	2.12
K360881		4.03	34.52	15.66	28.13	8.93	3.59	1.41	0.06	0.02	4.06	0.14	0.015	0.01	<0.01	1.72
K360882		4.44	33.78	16.06	26.36	10.89	3.43	1.35	0.06	0.02	3.90	0.14	0.548	0.02	<0.01	2.17
K360883		4.47	33.14	17.29	26.84	9.90	3.03	1.42	0.07	0.02	4.41	0.15	0.015	0.02	<0.01	2.01
K360884		4.36	34.52	16.86	26.78	9.91	4.06	1.07	0.04	0.03	3.98	0.16	0.013	0.02	<0.01	2.60
K360885		4.44	33.45	17.05	26.95	9.98	2.91	1.13	0.04	0.04	4.07	0.14	0.014	0.02	<0.01	2.67
K360886		4.07	37.03	18.47	19.78	10.52	2.86	1.81	0.07	0.03	2.93	0.11	0.014	0.02	<0.01	4.49
K360887		2.39	32.58	5.83	27.14	7.25	15.74	0.02	0.01	0.15	1.04	0.26	0.014	<0.01	<0.01	8.26
K360888		2.42	33.27	4.65	26.47	9.90	15.31	0.01	0.01	0.05	0.43	0.19	0.055	0.01	<0.01	7.91
K360889		2.64	35.36	4.42	28.03	6.47	17.31	<0.01	0.01	0.05	0.58	0.18	0.026	0.02	0.01	5.86
K360890		2.86	40.44	4.72	25.37	6.45	16.19	0.03	0.01	0.07	0.67	0.20	0.027	0.01	<0.01	4.12
K360891		3.78	40.10	12.89	22.31	9.25	6.50	1.70	0.10	<0.01	3.54	0.22	0.013	0.02	<0.01	2.25
K360892		4.32	39.58	12.14	23.91	9.90	7.14	1.44	0.12	<0.01	3.75	0.24	0.012	0.02	<0.01	1.85
K360893		3.86	34.40	11.31	28.53	8.36	6.70	0.95	0.10	<0.01	4.90	0.25	0.012	0.01	<0.01	3.00
K360894		3.85	33.89	11.07	25.47	7.79	6.09	1.28	0.12	<0.01	4.40	0.22	0.013	0.01	<0.01	7.98
K360895		4.13	34.55	11.87	27.29	10.67	5.81	0.77	0.06	<0.01	4.92	0.22	0.013	0.01	<0.01	2.28
K360896		4.67	32.68	13.02	31.35	7.21	4.98	1.44	0.13	<0.01	5.99	0.21	0.014	0.02	<0.01	1.45
K360897		4.41	31.93	14.58	31.19	7.24	2.85	1.75	0.17	0.01	6.71	0.18	0.012	0.02	<0.01	1.67
K360898		4.44	32.24	14.74	30.73	7.41	3.33	1.76	0.16	0.01	6.42	0.18	0.012	0.02	<0.01	1.49
K360899		4.52	30.60	13.40	33.48	6.84	4.68	1.43	0.13	0.01	6.57	0.22	0.014	0.02	<0.01	1.57
K360900		0.54	70.81	15.20	1.99	2.31	0.85	5.39	1.39	<0.01	0.24	0.03	0.055	0.04	0.05	0.65
K360901		4.31	29.43	12.98	34.18	6.82	4.42	1.35	0.11	0.01	6.73	0.21	0.013	0.02	<0.01	1.77
K360902		4.42	29.60	13.07	35.04	6.66	4.54	1.43	0.09	0.01	6.99	0.22	0.013	0.02	<0.01	1.76
K360903		4.53	29.66	13.18	34.75	7.11	4.42	1.37	0.11	0.01	6.71	0.22	0.014	0.02	<0.01	1.36
K360904		4.25	27.60	12.59	37.17	6.43	4.09	1.29	0.09	0.02	7.37	0.23	0.013	0.02	<0.01	1.77



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Page: 2 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 13-JUIL-2011  
 Compte: PET

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CERTIFICAT D'ANALYSE TB11094837

Description échantillon	Méthode élément unités L.D.	ME- XRF06	PGM- ICP24	PGM- ICP24	PGM- ICP24	V- XRF10
		Total %	Au ppm	Pt ppm	Pd ppm	V %
K360865		98.41				0.31
K360866		98.32				0.31
K360867		98.51				0.32
K360868		98.42				0.31
K360869		98.16				0.32
K360870		98.28				0.09
K360871		98.47				0.18
K360872		98.60				0.19
K360873		98.27				0.10
K360874		98.42				0.11
K360875		99.18				0.35
K360876		99.45				0.18
K360877		99.49				0.20
K360878		98.30				0.16
K360879		99.09				0.21
K360880		98.64				0.10
K360881		98.26				0.22
K360882		98.72				0.21
K360883		98.31				0.22
K360884		100.05				0.22
K360885		98.46				0.22
K360886		98.12				0.15
K360887		98.30	0.030	0.018	0.015	0.07
K360888		98.25	0.093	0.006	0.009	0.03
K360889		98.32	0.084	0.005	0.007	0.03
K360890		98.30	0.456	0.010	0.010	0.03
K360891		98.89				0.07
K360892		100.10				0.08
K360893		98.52				0.10
K360894		98.34				0.09
K360895		98.47				0.10
K360896		98.49				0.13
K360897		98.30				0.17
K360898		98.50				0.17
K360899		98.96				0.18
K360900		98.99				<0.01
K360901		98.05				0.19
K360902		99.45				0.20
K360903		98.94				0.21
K360904		98.68				0.24



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Page: 3 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 13-JUIL-2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE TB11094837**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
K360905		4.46	26.89	12.94	37.53	8.90	3.41	1.28	0.08	0.02	7.56	0.21	0.013	0.02	<0.01	1.96
K360906		4.51	26.50	12.79	38.01	7.29	3.40	1.27	0.08	0.02	7.62	0.21	0.013	0.02	<0.01	1.84
K360907		4.65	26.01	12.26	39.56	6.53	3.41	1.26	0.07	0.02	8.07	0.21	0.011	0.02	<0.01	1.09
K360908		4.44	26.33	12.49	38.81	6.87	3.19	1.27	0.10	0.02	7.83	0.21	0.011	0.02	<0.01	1.01
K360909		4.14	28.06	11.61	33.43	11.25	3.34	0.85	0.13	0.02	6.67	0.20	0.012	0.02	<0.01	2.87
K360910		3.92	26.68	12.48	35.33	9.19	3.96	0.93	0.14	0.02	7.04	0.23	0.011	0.02	<0.01	2.56
K360911		3.49	30.68	12.29	33.28	8.69	3.85	1.22	0.18	0.02	6.57	0.21	0.011	0.02	<0.01	1.31
K360912		3.98	31.64	13.14	33.02	8.73	4.16	1.40	0.13	0.02	6.10	0.20	0.012	0.02	<0.01	1.37
K360913		3.79	32.40	13.33	31.27	8.70	4.35	1.51	0.08	0.02	5.87	0.19	0.011	0.02	<0.01	1.58
K360914		3.67	32.65	12.97	32.01	8.55	4.57	1.46	0.10	0.02	5.83	0.20	0.011	0.02	<0.01	1.41
K360915		4.69	33.12	12.58	31.08	8.63	4.78	1.30	0.09	0.02	5.51	0.20	0.011	0.01	<0.01	1.60
K360916		3.90	33.89	12.85	30.07	9.39	4.98	1.34	0.11	0.02	5.32	0.20	0.011	0.02	<0.01	1.31
K360917		3.77	33.66	13.13	29.92	8.49	4.99	1.35	0.09	0.01	5.09	0.20	0.013	0.02	<0.01	1.55
K360918		3.90	34.24	12.94	28.41	9.58	4.65	1.40	0.09	0.01	5.02	0.19	0.011	0.02	<0.01	1.97
K360919		4.01	29.65	9.99	35.69	7.95	4.59	0.51	0.10	0.02	6.63	0.22	0.011	0.01	<0.01	3.00
K360920		3.77	29.71	13.29	34.01	7.99	3.57	1.31	0.10	0.04	6.51	0.20	0.011	0.02	<0.01	2.57
K360921		3.17	33.44	14.24	27.62	9.08	4.25	1.54	0.15	0.01	5.02	0.18	0.012	0.02	<0.01	2.73
K360922		3.66	33.62	12.95	30.61	8.44	4.51	1.30	0.15	0.02	5.26	0.19	0.012	0.01	<0.01	1.45
K360923		3.34	38.54	14.22	23.15	10.60	4.65	1.14	0.07	0.01	3.83	0.17	0.012	0.02	<0.01	2.16
K360924		3.66	38.63	13.01	23.70	10.68	5.55	1.28	0.11	0.04	3.59	0.19	0.012	0.01	<0.01	1.57
K360925		0.13	37.23	15.90	24.10	9.50	6.53	1.59	0.08	0.08	2.94	0.18	0.022	0.02	<0.01	0.82
K360926		2.71	36.70	16.58	23.59	10.22	3.65	2.00	0.09	0.01	4.02	0.16	0.012	0.02	<0.01	1.94
K360927		3.77	42.77	15.87	16.01	12.36	5.17	1.70	0.06	<0.01	2.34	0.15	0.015	0.02	<0.01	2.22
K360928		4.31	43.70	13.79	16.81	13.29	6.66	1.34	0.09	<0.01	2.05	0.19	0.018	0.02	<0.01	2.14
K360929		3.76	39.13	13.97	20.05	11.89	6.20	1.09	0.04	0.01	3.17	0.18	0.013	0.02	<0.01	3.33
K360930		3.75	39.56	14.80	21.57	11.87	5.52	1.37	0.08	0.01	3.11	0.18	0.013	0.02	<0.01	1.85
K360931		3.89	39.54	13.40	20.44	12.10	6.23	1.11	0.10	0.01	2.90	0.19	0.014	0.02	<0.01	1.99
K360932		3.95	40.84	13.25	20.84	11.55	6.14	1.26	0.12	<0.01	2.91	0.18	0.014	0.02	<0.01	1.70
K360933		3.78	40.26	12.87	21.34	11.91	6.16	1.18	0.11	<0.01	3.03	0.19	0.020	0.01	<0.01	1.51
K360934		3.65	36.94	12.97	19.89	11.82	4.88	1.20	0.13	<0.01	2.89	0.16	0.013	0.01	<0.01	7.43
K360935		3.95	39.17	14.11	21.51	11.73	5.73	1.27	0.09	0.01	3.06	0.17	0.013	0.02	<0.01	1.85
K360936		3.95	41.55	12.88	19.57	12.42	6.35	1.11	0.06	0.01	2.46	0.18	0.015	0.01	<0.01	1.71
K360937		3.85	38.49	11.66	24.40	11.45	6.38	0.89	0.08	0.01	3.40	0.20	0.013	0.01	<0.01	1.49
K360938		3.78	35.32	16.58	25.20	10.17	3.08	1.52	0.11	0.01	3.94	0.14	0.013	0.02	<0.01	2.06
K360939		3.58	39.83	11.67	21.99	11.99	7.23	0.88	0.06	0.01	2.79	0.19	0.018	0.01	<0.01	1.82
K360940		4.04	28.18	14.29	35.93	8.10	2.77	1.13	0.12	0.02	5.94	0.17	0.012	0.01	<0.01	1.45
K360941		4.02	34.39	12.63	29.89	10.27	5.50	1.04	0.06	0.02	4.68	0.19	0.015	0.02	<0.01	1.52
K360942		4.01	37.99	12.03	24.49	11.39	6.31	0.97	0.05	0.01	3.43	0.19	0.013	0.01	<0.01	1.48
K360943		4.03	30.26	12.99	34.75	8.20	3.94	1.35	0.07	0.02	5.64	0.19	0.013	0.02	<0.01	1.23
K360944		3.73	41.13	11.27	22.21	11.19	7.06	1.25	0.06	0.01	2.82	0.20	0.013	0.01	<0.01	1.42





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Page: 3 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 13-JUIL-2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE TB11094837

Description échantillon	Méthode élément unités L.D.	ME- XRF06	PGM- ICP24	PGM- ICP24	PGM- ICP24	V- XRF10
		Total %	Au ppm	Pt ppm	Pd ppm	V %
		0.01	0.001	0.005	0.001	0.01
K360905		98.82				0.26
K360906		99.08				0.25
K360907		98.53				0.28
K360908		98.16				0.28
K360909		98.46				0.24
K360910		98.59				0.26
K360911		98.33				0.24
K360912		99.94				0.25
K360913		99.33				0.23
K360914		99.80				0.24
K360915		98.93				0.23
K360916		99.51				0.22
K360917		98.51				0.21
K360918		98.53				0.21
K360919		98.38				0.28
K360920		99.33				0.27
K360921		98.29				0.20
K360922		98.52				0.23
K360923		98.58				0.16
K360924		98.38				0.16
K360925		98.99				0.15
K360926		98.99				0.18
K360927		98.68				0.10
K360928		100.10				0.09
K360929		98.88				0.14
K360930		99.95				0.15
K360931		98.04				0.13
K360932		98.82				0.13
K360933		98.59				0.14
K360934		98.34				0.14
K360935		98.73				0.15
K360936		98.33				0.12
K360937		98.46				0.17
K360938		98.15				0.20
K360939		98.49				0.15
K360940		98.13				0.30
K360941		100.25				0.24
K360942		98.35				0.18
K360943		98.68				0.30
K360944		98.63				0.15



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Page: 4 - A  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 13-JUIL-2011  
 Compte: PET

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**CERTIFICAT D'ANALYSE TB11094837**

Description échantillon	Méthode élément unités L.D.	WEI- 21	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		Poids reçu kg	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	
K360945		4.01	30.36	12.22	35.54	8.72	5.01	0.90	0.05	0.02	5.58	0.20	0.011	0.02	<0.01	1.48
K360946		3.96	31.86	12.59	31.52	9.62	5.20	0.77	0.04	0.02	4.82	0.20	0.011	0.02	<0.01	2.33
K360947		3.95	37.02	12.54	24.91	10.58	5.98	1.01	0.05	0.01	3.46	0.19	0.034	0.01	<0.01	2.48
K360948		3.52	39.19	12.24	19.83	14.01	6.41	0.34	0.02	<0.01	2.34	0.19	0.016	0.02	<0.01	3.48
K360949		3.48	31.18	14.96	24.97	11.73	3.58	0.79	0.04	0.01	3.82	0.17	0.012	0.01	<0.01	6.92
K360950		0.12	28.33	5.42	41.98	7.16	7.57	0.59	0.08	0.02	7.43	0.31	0.022	0.01	0.01	0.07
K360952		3.92	34.05	19.68	21.83	11.81	2.01	1.45	0.06	0.01	3.38	0.14	0.014	0.02	<0.01	3.81
K360953		3.28	40.90	21.71	15.47	9.10	1.90	3.25	0.24	<0.01	2.37	0.10	0.016	0.02	<0.01	3.49
K360954		3.95	31.74	18.24	27.05	9.32	2.11	1.38	0.11	0.02	4.21	0.15	0.014	0.02	<0.01	4.06
K360955		4.03	31.84	17.38	27.21	8.87	2.98	0.75	0.06	0.13	4.36	0.17	0.016	0.02	<0.01	4.45
K360956		3.51	34.82	20.05	22.61	9.26	1.82	1.86	0.13	0.01	3.66	0.15	0.015	0.02	<0.01	3.76
K360957		3.32	44.83	23.02	10.98	9.15	1.28	4.06	0.40	<0.01	1.52	0.08	0.017	0.03	<0.01	2.80
K360958		4.19	30.60	16.53	28.76	9.13	3.14	1.13	0.10	0.02	4.78	0.16	0.014	0.02	<0.01	4.04
K360959		3.82	31.00	14.20	28.13	9.37	4.28	1.23	0.01	0.01	4.31	0.17	0.011	0.01	<0.01	5.49
K360960		3.43	31.24	13.24	24.13	11.34	4.88	0.96	0.01	0.01	4.23	0.19	0.013	0.01	<0.01	7.96
K360961		4.27	33.31	12.71	29.14	9.64	5.16	0.12	0.02	0.02	4.45	0.19	0.012	0.02	<0.01	3.41
K360962		4.33	28.29	13.30	36.89	8.40	4.02	0.45	0.02	0.03	5.92	0.22	0.011	0.02	<0.01	2.53
K360963		3.98	31.54	13.50	31.34	9.00	4.41	0.46	0.02	0.02	4.73	0.16	0.012	0.01	<0.01	3.03
K360964		3.74	30.08	15.47	30.95	9.55	3.01	0.78	0.02	0.02	5.01	0.17	0.013	0.02	<0.01	3.08
K360965		3.84	34.76	19.29	23.14	10.64	2.12	1.57	0.14	0.01	3.77	0.15	0.015	0.02	<0.01	2.72
K360966		3.99	35.47	19.50	22.20	10.77	2.20	1.41	0.15	0.01	3.38	0.13	0.015	0.02	<0.01	3.31
K360967		3.82	37.43	21.89	17.04	11.62	1.89	2.06	0.13	<0.01	2.78	0.11	0.017	0.02	<0.01	3.43
K360968		3.94	31.90	17.16	28.06	9.48	2.56	1.00	0.09	0.02	4.41	0.17	0.014	0.02	<0.01	3.39



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Page: 4 - B  
 Nombre total de pages: 4 (A - B)  
 Finalisée date: 13- JUIL- 2011  
 Compte: PET

Projet: IT

CERTIFICAT D'ANALYSE TB11094837

Description échantillon	Méthode élément unités L.D.	ME- XRF06	PGM- ICP24	PGM- ICP24	PGM- ICP24	V- XRF10
		Total %	Au ppm	Pt ppm	Pd ppm	V %
		0.01	0.001	0.005	0.001	0.01
K360945		100.10				0.30
K360946		99.00				0.26
K360947		98.27				0.18
K360948		98.08				0.13
K360949		98.20				0.20
K360950		99.00				0.24
K360952		98.26				0.18
K360953		98.56				0.11
K360954		98.41				0.22
K360955		98.23				0.23
K360956		98.17				0.19
K360957		98.16				0.10
K360958		98.42				0.24
K360959		98.22				0.21
K360960		98.20				0.17
K360961		98.20				0.23
K360962		99.90				0.32
K360963		98.23				0.25
K360964		98.18				0.25
K360965		98.34				0.20
K360966		98.57				0.18
K360967		98.22				0.14
K360968		98.27				0.24



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Page: 1  
Finalisée date:  
10- AOUT- 2011  
Compte: PET

**CERTIFICAT VO11134587**

Projet: IT  
Bon de commande #:  
Ce rapport s'applique aux 7 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 15- JUIL- 2011.  
Les résultats sont transmis à:  
CHRISTIAN DEROSIER                      DON FORAN                      ROGER MOAR

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.


**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
ME- XRF06	Roche totale - XRF	XRF
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM
V- XRF10	XRF de Fusion- le Degré de Minerai de V	XRF

À: APELLA RESOURCES INC.  
ATTN: ROGER MOAR  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

**Signature:**

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Nombre total de pages: 2 (A - B)  
 Finalisée date:  
 10- AOÛT- 2011  
 Compte: PET

Projet: IT

**CERTIFICAT D'ANALYSE VO11134587**

Description échantillon	Méthode élément unités L.D.	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06	ME- XRF06
		SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %	Total %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01
K360221		45.36	11.72	20.18	7.54	9.24	1.52	0.13	<0.01	1.46	0.27	0.026	0.01	<0.01	1.40	98.86
K360222		46.58	13.09	17.74	7.52	9.58	1.67	0.13	<0.01	0.80	0.25	0.069	0.01	<0.01	1.04	98.48
K360223		40.16	13.56	25.01	7.84	6.91	1.61	0.11	0.01	2.91	0.24	0.019	0.01	<0.01	0.54	98.93
K360224		45.31	9.62	21.20	6.56	12.19	1.01	0.09	<0.01	1.02	0.30	0.030	0.01	<0.01	1.15	98.49
K360226		45.49	14.86	16.98	8.23	7.36	1.95	0.19	<0.01	1.42	0.22	0.033	0.02	<0.01	1.83	98.58
K360346		41.48	14.32	13.49	12.03	7.02	1.57	0.31	0.03	0.82	0.14	0.027	0.02	<0.01	7.29	98.55
K360347		46.01	21.29	9.43	11.60	3.59	2.73	0.63	0.01	1.06	0.11	0.052	0.03	<0.01	2.53	99.07



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Projet: IT

**CERTIFICAT D'ANALYSE VO11134587**

Description échantillon	Méthode élément unités L.D.	V- XRF10 V % 0.01
K360221 K360222 K360223 K360224 K360226		0.06 0.02 0.12 0.04 0.05
K360346 K360347		0.04 0.03

**AUTHOR'S CERTIFICATE**

## Author's Certificate & Signature Page

I, Roger Moar, do hereby certify that:

1. I am a consultant geologist with office at 583 De la Brise, Salaberry de Valleyfield, Quebec, J6T 6N2, Canada.
2. I graduated with a Bachelor of Science Degree in Geology from the University of Montreal in 1993.
3. I am a member in good standing with the *Ordre des Géologues du Québec* (No. 733).
4. I have worked as a geologist for a total of sixteen years since my graduation from university.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past and relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible for the preparation of the technical report titled "Iron-T Vanadium-Titanium-Iron Property, Matagami area, Quebec, Canada - Diamond drill logs, certificates of analysis, maps & drill cross sections for holes MA-09-11 and MA-10-14 to MA-11-58" dated January 24<sup>th</sup>, 2012.
7. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
8. I am independent from the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
9. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this January 24<sup>th</sup>, 2012



Signature of Qualified Person

Roger Moar, B.Sc., OGQ (No. 733)



**MAPS & DRILL CROSS SECTIONS**