GM 48092

DIAMOND DRILL RECORD, PROPRIETE CARLING

Documents complémentaires

Additional Files

Licence

License

Cette première page a été ajoutée
au document et ne fait pas partie du
rapport tel que soumis par les auteurs.

Énergie et Ressources naturelles
Québec

56

Propriété: Carling	Poteau : 18450 S	Latitude :
Canton : Cournille	Ligne : 12 400 W	Départ :
Rang : 2	Direction: Sud	Azimut :
Lot : 53	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-50°	
600'	-50°	
900'	-49°	(Sec P-2)

No du trou: CL-1
Longueur : 950. pi.
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	92	Overburden + Casing.										
92.0	295.9	Andesitic flows massive fragmental in places poorly amygdaloidal, a dark grey very fine gr. groundmass with frequent lighter coloured fragments from 1/8" to 1" in size, irregular resorbed contacts.										
		123-131 thick bed of very fine gr.										
		136-163.5 " " " " " dark grey										
		felsic dyke 178.6-185										
		acidic porphyritic dyke numerous small feldspar phenos in an aphanitic siliceous matrix, looks like a rhyolitic feldspar porphyry, fine gr. at										
		284-289.5 290.5-295.9										
295.9	391.4	Hybrid migmatitic diorite contact phase rocks, 75% diorite 25% andesitic flows dyke and xenoliths. Frequently 1" to 2" ribboned structure 70° A.C. [illegible] and intrusive breccia structure										
		local andesitic dykelets, [illegible] 20° & 40° A.C. contacts and finely + weakly [illegible] 35° C.A. dark grey.										
391.4	396.3	Andesitic flows massive										
		395.3-396.4 [illegible] silicified veinlets and tourmaline [illegible] little pyrite	6631	395.3	397.3	2	±					
396.3	421.8	Hybrid migmatitic diorite										
		weakly silicified + 1% [illegible] 464.5-467.	6632	454.5	467.	2.5	±					

Ministère de l'Énergie et des Ressources
Service de la Géoinformation
Date: 5 AVR 1989
No G.M.: 48092

LOCALISATION 70/4553 88
LE DOSSIER DEMEURE RETOURNE AU
665883
DÉPÔT CENTRALISÉ DE DOCUMENTS SEMI-ACTIFS 2700 DALTON STE-FOY QUÉ. G1P 3G4
GENIPROT INC. Division Gestion de documents semi-actifs (C.D.S.A.)

70/4553 88

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut
950'	-49°	

No du trou:	CLC-1
Longueur :	950.
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		granitic dyke 411.8 – 414.5										
		1½" low > qtz, 414.4	6633	414	415.5	1.5	t					
		aplitic dyke 421.3 – 421.8										
421.8	449.	Andesite or basalt massive almost aphanitic, uniform										
		dark greenish grey.										
		1" qtz, tr of fine pyrite 425.9	6634	425.4	428.	2.4	t					
		6" rubble, tr of pyrite 429.0 429.0	35	428	431	3.0	.01					
		tr of pyrite 429-431.										
449	490	Hybrid dioritic migmatite.										
490	516.	Andesite, possibly basalt massive almost aphanitic as at 421.8										
516	534.5	Trachytic lava flows, abundant tiny white altered feldspars.										
		schisted & crackled 85° c.a. 516 – 518	36	516	518	2.0	t					
534.5	539.4	Andesitic, possibly basalt, as at 516.										
539.4	548.	Aranitic hybrid dyke.										
548	560.8	Andesite, possibly basalt, with frequent bands of tourmaline	37	554	556	2	t					
		Aplite and trace of pyrite locally.	38	556	558	2	t					
560.8	596.	Hybrid dioritic contact from dark, massive variable.	39	558	561	3	N					
		granitic dyke 572.8 – 581.6										
596	606.5	Andesite, possibly tuffaceous with some fragments										
		601.5 – 606.5 sheared & recrystallized 80° c.a.	6640	601.5	604.	2.5	N					
		trace of pyrite.	41	604	606.5	2.5	t					
606.5	612.5	Hybrid fine gr. granite (contact phase)										
612.5	696.1	Mixture of hybrid digested basalt and of hybrid										
		diorite (contact phase).										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-1
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		661.3 – 670.4 hybrid [illegible] massive med.-gr.										
		675.6 – 676.4 " " " , 1% of pyrite.	6642	675.	679.5	2.5	t					
		687.5 – 689.										
696.1	715.8	Microdiorite, massive, finely crystalline, uniform, greyish.										
715.8	795	Mixture of tonalite, med.-gr. massive, with sections of										
		basaltic to andesitic lavas. (Very hybrid rock, variable)										
795	842.5	Granite, hybrid, very fine-gr. contact phase,										
		traces to 1% very fine pyrite 797.5 – 801.	6643	797.	801	4.	t					
		andesitic sections 807.8 – 811.6										
842.5	905.3	Basalt, massive, aphanitic to very fine-gr., dark grey.										
		with odd, short, local granitic injections.	6644	867	870	3	N					
		four, narrow tourmaline-qtz str., at low angle.	45	870	873	3	t					
		between 867 – 876	46	873	876	3	N					
905.3	936.2	Very fine-gr. granite, contact phase, massive, hybrid, with	47	876	880	4	N					
		digested basaltic material.										
		tourmalinized, numerous tourm. dots 911 – 915	48	911	915	4	N					
		no visible mineralization M.V.M.										
		basalt, aphanitic, massive, dark grey 936.5 – 936.2										
936.2	950	Granite, massive, coarse-gr. reddish.										
		basalt 948 – 950										
		broken core 943 – 948.										
	950	End.										

Propriété: Carling	Poteau : 23+50 S	Latitude :
Canton : Cawille	Ligne : 12+00 W	Départ :
Rang : 2	Direction: Sud	Azimut :
Lot : 53	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-54°	
600'	-52°	
950'	-48°	

No du trou: CLC-2	
Longueur	: 950. fect.
Commencé	: Oct. 87
Terminé	: Oct. 87

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0.	110	Overburden + Casing										
110	278.	Metadiorite massive fine to med-gr., quite metamorphic. About 60% small feldspar phenocrysts in a felsitic groundmass. Peculiar felted texture	6649	110	114	3	N					
		greyish.	50	114	117.5	3.5	N					
		110 – 117.5 altered + schistose 70° A.C.										
		144.8 – 146.9 fine-gr. andesitic dyke, 75° contact.										
		152 – 159 " " " " "										
		182 – 187. " " " " 80° + 60° "										
		thin very fine-gr. qtz-carb stks. 1% pyrite 185 – 187.	6651	185	187	2	N					
		2" qtz-pyr pyrite 55° C.A. at 189.0	52	187	189.5	2.5	N					
		-fine-gr. andesite, 80° C.A. 200-205.5 220.2 – 223.0										
		" " " " 230.3 – 245.										
278.	348.7	Hybrid fine-gr. andesite mixed with hybrid fine-gr. metadiorite, quite variable.	53	280	282.5	2.5	N					
		sheared 80° C.A. 280 – 285.	54	282.5	285	2.5	t					
		a few tourmaline stks + blebs 334-335										
		aligned 55° 340 – 342, 345-346.5	55	334	335	1	t					
348.7	355.5	Aranitic fine-gr. dyke, massive, greyish.										
355.5	367.5	Andesite massive very fine-gr. dark greyish.										
367.5	426.5	Hybrid metadiorite, massive med-gr. trachytic texture										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-2
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
426.5	436.4	Granite, hybrid, impure, contact phase, massive, variable										
436.4	558	Andesite massive with local alignment 50° C.A. carbonated dark grey, very fine-gr. Possibly a microdiorite.										
558	580	Mixture of hybrid fine-gr. contact phase granite with hybrid digested recrystallized andesite										
580	590.5	Granite massive, med-gr.										
590.5	601	Microdiorite, massive, med-gr. greyish.										
601	605	Aplite dyke massive, very fine-gr., reddish grey.										
605	634	Trachytic lavas										
634	642	Granite contact phase with frequent inclusions of andesite producing a coarse intrusive contact breccia structure										
642	654.5	Andesite massive very fine-gr. dark greenish grey										
654.5	709.7	Granite massive dark grey uniform, med-gr.										
		1" qtz glassy 50° 676.1	6656	675.5	678.5	3.	tr					
		2" ≈ to core glassy qtz tr. 1% pyrrh. 677.0-678.3										
		2" // to core " " tr. pyrrh. 684.5-685.8	6657	684.5	687	2.5	tr					
709.7	889.	Hybrid tonalitic contact phase of the batholite. 751-758 Andesitic section.										
889	950	Recrystallized hybrid mafic lavas, massive, finely granular, altered, clitic + carbonated. Influence of contact metamorphism.										
	950	End										

Propriété: Carling	Poteau : 24+50 S	Latitude :
Canton : Couville	Ligne : 4+00 E	Départ :
Rang : 2.	Direction: Sud	Azimut :
Lot : 55	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-50°	
600'	-55°	
900'	-52°	(See P-2)

No du trou: CLC-3	
Longueur :	956. feet.
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	62	Overburden, Piping & Casing.										
62.	69.5	Microdiorite, massive, fine-gr. dark grey										
69.5	95	Granite massive, med-gr. greyish.										
95.	164	Andesitic flows, massive, odd rare fragments dark green.										
		145 - 164 occasional bedding 45° C.A.										
164	228	Mixture of microdiorite, andesitic flows and granitic injections, massive, very variables and hybrid.										
228	252.5	Rhyolitic quartz rhyolite altered, sericitized.										
												275
252.5	310	Hybrid tonalite massive, med-gr. variable.										
		3" glassy qtz 20° C.A. 284.9	6658	284	286.5	2.5	t					
		Pyrite diss. in traces 286.7										
		294.5 - 310 microtonalite, fine-gr. nearly chloritic										
310	327	Amphibolitic rock quite altered, chlitic & talcose, massive, coarse-gr. dark greenish grey.										
327	372.5	Hybrid mixture of volcanic flows, variable composition partly digested by the nearby granite.										
		338 - 344.5 hybrid tonalite										
372.5	437	Granite massive fresh med-gr. greyish										
		372.5 - 383 fine-gr. altered, contact phase										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut
950'	-50°	

No du trou: CLC-3
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		383.7 1" qtz-pyrrh. & pyrite 45° c.A.	6659	383	385.5	2.5	tr					
		385.0 4" qtz 1% pyrrhotite 30° c.A.										
		407.0 1" and 1/2 qtz str. 70° t. pyrrhotite	6660	406.5	407.5	1.0	tr					
		glassy qtz vein 20° c.A. 2 to 3% coarse pyrrh. tr of pyrite	6661	420	422	2.0	tr					
		420 to 422										
437	492	Hybrid, chilled, impure, granitic contact. very fine-gr.										
		482-492 irregularly schistose, 45° c.A., altered										
		moderately silicified.										
492	626	Microdiorite, massive, very fine-gr., moderately silicified										
		dark greenish grey. The first 10 feet are										
		very fine-gr. & more silicic.										
		Note: Possibly a recrystallized fine-gr. andesite.										
		impure granite 544.5-551.										
626	672.8	Amphibolite altered, finely to med. crystalline. Possibly a										
		metamorphic recrystallized basaltic rock. Ultramafic rock										
		1/4" turo tourmaline 75° at 623.2	6662	623	626	2	tr					
		1/2 qtz str 70° 624.0	63	626	628	2	tr					
		schisted 85° 626.5-627.3	64	628	630	2	tr					
		" 85° 630.7-633.5	65	630	632	2	tr					
		1/4" bluish qtz 80° at 632.2	66	632	633	1	tr					
672.8	678.7	Granite, massive, very fine-gr., greyish.										
678.7	706	Mixture of andesitic and trachytic flows, almost aphanitic										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-3
Longueur :
Commencé :
Terminé : 956.

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
706	800.5	Tonalite massive med-gr. with about 60% white feldspar										
		clusters and about 40% ferromagnesian groundmass.										
		quartz-carb-tourm-chlorite vein 75° 710.0 - 710.8	6667	709.5	711.5	2	tr					
		granitic dyke 721.0 - 724.3										
		" " 737.5 - 744.5										
		basic dyke almost aphanitic dark grey massive										
		at 769 - 779.5										
		glassy quartz vein, 45° C.A. 799.0 - 800.0	6668	799	800	1	tr					
800.5	867.3	Hybrid mixture of very variable intermediate lavas,										
		in places aphanitic and locally microcrystalline,										
		massive but locally bedded along short sections at 80°C.A.										
		Frequent granitic injections such as at: 828.5 - 829.5										
		832.4 - 834.7 846.0 - 847.5, 855.5 - 860.										
867.3	891.4	Tonalite massive med.-gr.										
		886 - 891.4 getting gradually fine-gr.										
		schistose 50° 887 - 891.4										
891.4	956	Hybrid mixture of very variable intermediate to mafic										
		lavas, in places aphanitic and in places microcrystalline										
		massive, dark grey. Schistose 45° 891.4 - 896.6										
		897.5 - 899. granitic section.										
		919.5 - 938.5 tonalite section altered hybrid										
		951 - 956 schistose 80° chloritized soft										
	956.	End. and greenish grey.										

Carling Gold Resources Ltd. ①

Propriété: Carling	Poteau : 29+50 S	Latitude :
Canton : Cavanille	Ligne : 4+00 E	Départ :
Rang : 2	Direction: South	Azimut :
Lot : 55	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-52°	
600'	-52°	
900'	-50°	(See P-2)

No du trou:	CLC-4
Longueur :	950'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0.	32	Overburden & Piping										
32.	52.	Andesite, massive, very fine-gr., greenish.										
		granite section 40 - 45.6										
52.	324.6	Tonalite, massive, med.-gr., peculiar acicular shape feldspar.										
		microdiorite 57.5 - 59.0, 61.0 - 68.5, 72.3 - 74.0										
		granite injection 70.0 - 71.5										
		basic dyke 101 - 102.5, 104.6 - 109.4 (50 - 60°)										
		113.0 - 115.5, 117.6 - 118.5 low > schistose, altered										
		basic dyke 125.5 - 135.8, 146.2 - 148.5										
		137 - 146 altered, chlitic + carbted, and low > schistose.										
		basic dyke 181.5 - 184.8, 193.2 - 194.4										
		" " 204.6 - 206.3, 207.7 - 209.0										
		238.8 - 240.0, 245.1 - 245.8										
		weakly sheared 80° 245.5 - 250.										
		basic dyke 263.0 - 274.5, 294.0 - 294.5, 300.0 - 307.8										3[illegible]
		schistose 60° C.A. & altered 294.5 - 300.0										
324.6	342.5	Microdiorite, massive, very finely crystalline, uniform, grayish.										
342.5	346.	Tonalite, massive, as described										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut
950'	-50°	

No du trou: CLC-4
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
346.	367	Volcanic flows, very variable intermediate to mafic										
		in composition locally aphanitic and locally microcrystalline										
367	382.5	Tonalite, hybrid massive fresh.										
		377.8 - 378.5 granitic section.										
382.5	424.7	Volcanic flows, very variable, as described at 346.										
		1" glassy qtz, 75° c.A 382.5, 383.0, 383.7	6669	382	384	2	tr					
		weakly schistose 80° c.A. 389.2 - 396.0										
		2" milky qtz, concordant 392.2	70	389	392	3	tr					
			71	392	396	4	tr					
		416.4 - 424.7 foliated 80° c.A. and recrystal-										
		lized digested volcanic flows	72	417	420	3	tr					
		traces to 1% dissem. pyrite. 417.3 - 423.	73	420	423	3	tr					
424.7	434	Granite, massive, med-gr. greyish.	74	423	425.5	2.5	N					
		low > vitreous quartz ≈ to core, with little tourm.	75	425.5	428.5	3.	N					
		chlorite & traces of pyrite 425.5 - 428.2										
434	461.5	Microgranite, massive very fine-gr. chilled contact phase -										
		volcanic flows inclusions 435.8 - 436.5										
		" " " 440.4 - 442.6										
461.5	535	Volcanic flows, massive, very variable, intermediate to mafic										
		in composition, locally aphanitic, locally microcrystalline.										
		In places, obscure bedding 75°. Shows contact metamorphism										
		phenomenon.										
		weak fine schistosity 70° c.A 465.7 - 474.2										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-4
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
535	639	Recrystallized, metamorphic, mafic lavas, finely crystalline very variable. Locally abundant amphibolite dots. Very locally obscure bedding. In places looks like an impure, hybrid microgabbro.										
639	664	Hybrid gabbroic rock, massive, med-gr., dark grey 653 - 664 numerous inclusions of volcanic basic rock.										
664	701.8	Hybrid basaltic lavas, aphanitic to very fine gr. dark blackish grey. Locally magnetic.										
701.8	749	Tuffaceous acid lavas, locally finely bedded 70° to 80° C.A. very variable and hybrid. Shows influence of contact metamorphism. 732-738 tr. to 1% fine disem. pyrite.	6676	732	734	2	tr					
			77	734	736	2	tr					
			78	736	738	2	tr					
749	772.6	Contact shear zone, 80° with numerous micro-folds and frequent crenulation. The zone is recrystallized and solid, does not contain much chlorite and is hard & solid 2" qtz 750 (80°) 761.0 (1") 761.4 (1") 762.7 (3") 763.5 (3") 764.2 (1") 766. (1") 767. (1") 767.4 (3") 768. (4") m.v. m.										
			79	749	752	3	tr					
			6680	752	755	3	N					
			81	755	758	3	tr					
			82	758	761	3	tr					
			83	761	764	3	tr					
			84	764	767	3	tr					
			85	767	770	3	tr					
772.6	821	Aplite, massive, med-gr. pinkish. wavy quartz vein 45° C.A. 779.0 - 779.7										
			86	779	781	2	tr					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CEC-4
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		786.0 - 792.5 andesitic section.										
			6687	792.5	794.5	2	tr					
		Mineralized zone, pyritized granite with frequent	88	794.5	796.5	2	tr					
		white wavy low > qtz, almost ≥ tr zone.	89	796.5	798.5	2	tr					
		3 to 5% pyrite diss. in granite with local coarse	6690	798.5	800.5	2	tr					
		concentration 792.5 - 802.0	91	800.5	802.	1.5	tr					
		802 - 821 Same pyritized granite with less	92	802	805	3	tr					
		pyrite. About 1% diss. and local erratic	93	805	808	3	tr					
		narrow low angle qtz stringers.	94	808	811	3	tr					
821	950	Micro crystalline basalt, massive, very uniform,	95	811	814	3	tr					
		dark grey.	96	814	817	3	tr					
		granitic section 1% to 2% fine pyrite diss. with	97	817	821	4	tr					
		odd narrow low qtz str. 825.7 - 828.7 and										
		841.0 - 845.0 849.0 - 861.5	98	841	843	2	tr					
		wavy qtz vein 30x45° C.A. 849.5 - 850.7	99	843	845	2	.01					
		milky qtz vein 859.5 - 860.8										
			6700	849	851	2	N					
			1501	851	854	2	N			Change of series		
			1502	854	857	2	N			& numbers.		
		1/4" qtz - pyritized 45° C.A. 921.8, 922.3, 923.1, 924.5	03	857	859	2	tr					
		926.8, 927.6 931.8	04	859	861.5	2.5	N					
		937 - 946.8 andesite, aphanitic, dark grey.	05	921.5	925	3.5	tr					
			06	925	928	3.	N					
	950	End.	07	931.5	934.5	1.	N.					

Propriété: Carling	Poteau : 27+60 S	Latitude :
Canton : Connille	Ligne : 20+00 E	Départ :
Rang : 2	Direction: South	Azimut :
Lot : 57	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-50°	
600'	-50°	
900'	49°	(See P-2)

No du trou: CLC-5	
Longueur	: 950. feet.
Commencé	:
Terminé	:

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0.0	42	Overburden. Casing										
42	80	Pyroclastic basaltic lavas, massive, heterogeneous, variable, dark greenish grey very fine-gr. to aphanitic. Locally tuffaceous, bedded 75°C.A. broken core 85 – 101.										
80	136.	Basaltic flows with local intercalated bedded tuf in short sections. Rather homogeneous, more uniform. Very rare, occasional fragments broken & poudge material, 2", 40°C.A. at 101.0										
136	196	Pyroclastic basaltic lavas, massive, as described at 42.										
196	212	Altered, carbonated, sections of the same pyroclastic basaltic lavas a few thin carbonate str 65° C.A 199.2 - 200.	1508	199	201	2	N					
		carbonate - quartz veins 45° C.A. 200.1 - 200.7	09	201	203	2	N					
		" " str. (1") 50° C.A 202.5										
212	246	Hyaloclastites, possibly andesitic composition, aphanitic, hard flinty with some resorbed yellowish green epidotized fragments										
246	261.	Andesite, very finely porphyritic, numerous very small (1mm) feldsp. phenos in a dark green matrix. Massive.										
261	263	Granitic dyke, massive, med-gr. greyish.										
263	317	Hyaloclastites basaltic composition, massive aphanitic dark greenish grey. Odd resorbed epidotized fragments.	1510	274	275	1	N					
		3" at sub-tangent 35° C.A 274.1										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut
950'	-48°	

No du trou: Cl C-5
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		3" granite injections 302.0 (50° C.A) 310.6 (low>)										
317	413	Andesitic flows altered, softer, chlorized + bleached greyish.										
		granite dyke 335.4 - 336.6, 363.4 - 365.0										
		" " 368.7 - 374.0										
		broken core 364 - 378										
		wavy qtz vein 375 - 376. 50° C.A.	1511	375	376	1	N					
		396 - 400 short bedded tuff section 40° C.A										
413	427	Granitic quartz porphyry										
427	751.8	Hybrid med-gr. metadiorite, massive, dark grey with abundant partly digested basalt inclusions (Contact zone). Variable appearance.										
		basaltic lavas section 477.2 - 479.2,										
		" " " 485.4 - 486, 492.8 - 496.6										
		" " " 516.8 - 518.1, 524.0 (3")										
		fine-gr. diorite dyke 527 - 531.										
		aplite dyke, very low> 544 - 545.5										
		" " 553.8 - 556.4 (60°)										
		1½" // C.A. qtz-chl, tr. chalco 565.5 - 567.0	1512	565.5	567	1.5	N					
		qtz vein 20° C.A 568.3 - 568.7	13	567	569	2.	N					
		basic dyke 586.5 - 597.3										
		597.3 - gradually takes a trachytic texture										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC - 5
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		1" wavy qtz 50°C.A 634.8	1514	634.3	635.3	1	N					
		aplite dyke 643.2-644.4										
		basaltic dyke 672.5 - 679.2										
		quartz glassy 50°C.A. 25% chltic inclusions 689.4-690.4	15	689.4	690.4	1	N					
		basaltic dyke 699.3 - 716.2, 50°C.A.										
		" " 721.0 - 727.0, 90° x 45° C.A.										
		" " 745.2 - 751.8 70° x 45° C.A.										
751.8	810.6	Hybrid granite chilled contact phase massive moderately altered, purple grey med.gr.										
		quartz-chl 754.5 - 755.1	16	754.3	755.3	1	N					
		basalt inclusions 761 - 768.6										
		794.4 - 806.5 erratic broken inclusions of basalt. Producing a brecciated structure.										
		quartz vein with 25% rock incl. 806.5 - 808.5 75° x 15°	17	806.5	808.5	2	N					
810.6	832.7	Granitic quartz porphyry, massive fine to med.-gr. altered.										
832.7	874.4	Diorite, med-gr., uniform, massive, typical, fresh.										
		andesite dyke aphanitic green 835.4-836.5										
874.4	877.4	Chloritized - carbonated zone, with two 1/2" qtz vein 80°C.A.	18	874.4	877.4	3	N					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-5
Longueur : 950.
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
877.4	899.3	Granite, massive, chilled contact phase, very fine gr.										
899.3	904.5	Hybrid dioritic rock, as described, altered										
904.5	917.4	Granitic quartz porphyry, massive med-gr. abundant rice-size vitreous qtz phenos.										
917.4	931.4	Hybrid dioritic rock, as described, altered										
931.4	940.6	Granitic quartz porphyry.										
940.6	950	Hybrid dioritic rock, altered)										
	950	End.										

Propriété: Carling	Poteau : 9+50 S	Latitude :
Canton : Courville	Ligne : 28+00 W	Départ :
Rang : 2	Direction: S	Azimut :
Lot : 51	Plongée : -55°	Elévation:

Prof.	Plong.	Azimut
300'	-52°	
600'	-52°	
900'	-50°	(See P-2)

No du trou: CLC-6	
Longueur :	1000 feet.
Commencé :	
Terminé :	Nov. 87

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0.	22.	Overburden. Piping & Caving										
22	34.3	Pyroclastic basaltic lavas, massive, odd med-size fragments										
		presence of vesicules locally										
34.3	103.5	Basaltic lavas, uniform, massive, aphanitic dark grey										
103.5	266.4	Pyroclastic basaltic lavas, massive, abundant, irregular shape										
		fragments, very variable. Light grey fragm. in dark matrix										
		128.5 - 155.5 quiet basaltic flow, aphanitic										
		uniform, dark grey. A few odd vesicules										
		155.5 - 266.4 pyroclastic basaltic lavas as										
		described, very heterogeneous.										
266.4	297.4	Basaltic flows, aphanitic, uniform, massive.										
297.4	350	Pyroclastic basaltic lavas, heterogeneous, as described										
		Short intercalated sections of uniform										
		aphanitic basalt, locally faintly bedded 75° C.A										
		such as at 308 - 314.5 322.7 - 329.0										
350	384.5	Basaltic flows, aphanitic, uniform, massive with very										
		rare, occasional small fragments.										
384.5	440	Pyroclastic basaltic lavas, heterogeneous, as described.										
440.	446.5	Felsite dyke (chilled fine gr. granite.?)										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut
1000'	-50°	

No du trou: CLC-6
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
446.5	557	Pyroclastic, basaltic to andesitic lavas, heterogeneous										
		as described.	1519	449	452	3	N					
		449 - 473.5 weakly mineralized zone	20	452	455	3	N					
		trace to 1% hydrothermite + pyrite, with very	21	455	458	3	N					
		local concentrations up to 5%	22	458	461	3	N					
			23	461	464	3	tr					
			24	464	467	3	N					
		473.5 - 482.0 felsitic dyke (chilled granitic	25	467	470	3	N					
		contact phase)	26	470	473.5	3.5	N					
		482.0 - 503 weakly mineralized zone										
		trace to 1% pyrrhotite pyrite	1527	482	485	3	tr					
		512 - 521 idem.	28	485	488	3	tr					
			29	488	491	3	N					
			30	491	494	3	tr					
			31	494	497	3	.01					
			32	497	500	3	N					
			33	500	503	3	N					
			34	512	515	3	N					
			35	515	518	3	N					
		irregular lens / carbonate 535.3-535.8	36	518	521	3	N	.				551
		tr. pyrite + hydrothermite [illegible]										
			37	535	538	3	tr					.

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CEC-6
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
557	563	Sheared altered metamorphic dioritic rock finely biotitic	1538	557	559	2	tr					
		and carbonated. 75° C.A. Shearing. Traces of pyrite.	39	559	561	2	tr					
		50% quartz concordant at 562-563. Pyrite concentration à 562.9 (1" very	40	561	562	1	tr					
		fine)	41	562	563	1	tr					
563	632.7	Tonalitic rock altered massive med-gr., abundant	42	563	565	2	tr					
		light yellowish white acicular shape feldspar.	43	565	568	3	tr					
		traces of pyrite to 1% locally 563-576	44	568	571	3	N					
			45	571	574	3	N					
			46	574	576	2	N					
		traces to 1% diss. pyrite 595 - 613										
			47	595	598	3	N					
			48	598	601	3	tr					
			49	601	604	3	N					
			1550	604	607	3	N					
			51	607	610	3	N					
		3" quartz-carb-tourm 20° c.a. 611.2	52	610	613	3	N					
		2" vuggy qtz-carb. 1% py. 30° 624.9	53	624.4	625.4	1	N					
632.7	636.4	Felsite dyke, quite acid hard massive very fine-gr., light gray.										
636.4	638.0	Tonalitic rock altered										
638.0	652.9	Microdiorite, massive very finely crystalline light greenish gray.										
652.9	962.6	Tonalitic rock, moderately altered, massive as described.										
		local short granitic sections										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou:	CLC-6
Longueur :	1000 ft.
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		basic dyke, massive, aphanitic dark 722.5-723.7										
		" " " 725.3-726.6, 728.3-736.6										
		740.2-740.8										
		vitreous qtz, 80° 778.5, 778.9-779.6	1554	778	780	2	N					
		basic dyke, massive, very fine gr. to aphanitic										
		dark green 793-804.										
		764-917 the tonalite gets fresher and slightly										
		coarser-gr.										
		1/4" pyrite 874.6, 75° C.A. with little alteration	1555	873.5	875	1.5	N					
		basic dyke, aphanitic, massive 891.5-894.5										
		917-936 altered tonalite										
		3" silicified 55° C.A. 927.5	1556	927	928	1.	tr					
		936-948 tonalite fresh										
		948-959 basic dyke.										
		959-962.6 tonalite altered										
962.6	971.6	Basic dyke, massive, rather aphanitic dark grey.										
971.6	981	Sheared, altered, hybrid, tonalite, carbted + biotitic	57	971.6	972.6	1	.04					
		shearing at 80° C.A.	58	972.6	974.	1.4	.03					
		silicified, 1% to 2% pyrite, 972.6-974.	59	974	976	2	.01					
981	1000	Tonalite, massive, under. altered, med.-gr.	1560	976	978	2	tr					
		996.7-1000 basic dyke.	61	978	981	3	.01					
	1000	End.										

Propriété: Carling	Poteau : 16+50 S	Latitude :
Canton : Courville	Ligne : 28+00 W	Départ :
Rang : 2	Direction: S	Azimut :
Lot : 51	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-55°	
600'	-55°	
900'	-55°	(See P.2)

No du trou: CLC-7	
Longueur :	1000. ft
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	98	Overburden Casing & Casing										
98	152.5	Metadiorite hybrid, massive, fine to medium gr. massive variable; moderately altered.										
		aplitic dyke 102.5 - 104.7, 124.0 (2") 126.3 (4")	1562	115.5	117.	1.5	t					
		andesitic dyke, chlorite, trace of pyrite 115.5 - 119.0	63	117	119	2.0	N					
		1/2" qtz 60° 118.2										152.5
		2" qtz. tourm. 45° C.A. 148.5	64	145	149	1	N					
152.5	169.7	Tonalite, fresh med-gr., massive, gradual transition.										
		qtz str 2", tr. pyrite 35° 164.7	65	164	165	1	N					
169.7	185.6	Basic dyke very finely crystalline, massive, dark greenish grey										
185.6	215.8	Metadiorite hybrid, massive, fine to med. gr. altered variable										
215.8	228.9	Basic dyke, as at 169.7. Both contacts are chilled. About 60° C.A										
228.9	266.5	Tonalite, fresh med. to coarse gr. 60% feldspar phenos either individual acicular shape or in clusters with 40% ferro-mag. Note: the feldsp. is faintly epidotized.										
		one foot altered with a 1" qtz. + 1% pyrite 231.5-32.5	66	231.5	232.5	1	N					
		1/4 silicif. ⊥ to core axis with pyrite 263.5-265.5										
266.5	290	Metadiorite, altered, as described	67	263.5	265.5	2	N					
		1/2 silicified, 80° C.A. 1% pyrite 263.9	68	268.5	269.5	1	N					
290	322	Granite, massive med-gr fresh variable										
		299-310 metadiorite as described.										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut
1000'	-55°	

No du trou: CLC-7
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
322	364.3	Mixture of very fine-gr. to aphanitic basic dyke with hybrid fine-gr. altered metadiorite.										
364.3	378.4	Granite, massive, med.-gr., massive grey.										
378.4	517.5	Felsic dyke massive altered, light grey, very fine-gr., appearance of a rhyolitic qtz.-feldsp. porphyry. Small amount of coarse resorbed feldsp. phenos and qtz. eyes in an almost aphanitic light grey, sericitized groundmass.										
		402.3 - 416 basic dyke, dark green, aphanitic										
		1/4" qtz. str. 414.4, ⫽ to core	1569	414	416	2	N					
		qtz. lens 415.3	70	416	417.5	1.5	tr					
		1" qtz. 80° 416.1, 416.6										
		1/2" qtz. 40° C.A. 417.1										
		424.5 - 432.7 metadiorite as described.										
		459 - 478 " " "										
		478 - 484 basic dyke, aphanitic, dark grey.	71	511	514	3	.05					
		511-514 med.-gr. diorite, with about 2% disseminated pyrrhotite & pyrite										
517.5	565.	Altered hybrid, schistose contact-zone, mostly metadiorite altered locally massive and locally schisted & altered as at 529 - 535.3	1572	529	531	2	.04					
		540.4-542.0, 562.7-564. Schistosity at 70° C.A. (1% pyrite diss. 529-531.)	73	531	534	3	.01					
		milky quartz 533.5 (4"), 535.3-536.4, concordant	74	534	536.5	2.5	N					
		" " 539.0-540.4, 542.0 (2")	75	536.5	539	2.5	N					
		544.6-547.2	76	539	542.5	3.5	N					
		granitic sections 544.4-548.0	77	542.5	545	2.5	N					
			78	545	547.5	2.5	N					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CEC - 7
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
565	609	Granite, massive, contact phase, med-gr., variables										
		moderately altered, dark grey.										
		basic dyke, aphanitic, dark grey 574.3 - 577.0										
		" " " " " 606.5 - 607.5										
609	618	Granite, fresher, massive, lighter grey.	1579	622.9	624.5	1.6	t					
618	622.9	Basic dyke, aphanitic, dark grey, massive.	80	624.5	627.5	3.0	N					
622.9	635.0	" " sheared 80° C.A., altered, chloritic with about	81	627.5	629.5	2	N					
		60% quartz veins, white milky, barren looking,	82	629.5	631.5	2	N					
		concordant with schistosity. About 1% fine pyrite	83	631.5	633.5	2	N					
		in the rock inclusions.	84	633.5	634.5	1	N					
		Quartz 623.4 - 624.5, 627.5 - 632.8,	85	634.5	635.5	1	N					
		" 634.3 - 635.	86	635.5	637.5	2	N					
635.0	641	" " massive to faintly sheared 60°, dark grey	87	637.5	640	2.5	N					
		1% fine pyrite 640-641	88	640	642	2	N					
641	644.5	Granite silicified, massive, 1% diffuse pyrite	89	642	644.5	2.5	N					
		" 1" qtz. 45° C.A. 642.3										
		8" qtz 45° C.A. 642.8 - 643.6, tr of coarse pyrite.										
644.5	652.5	" massive, med-gr. barren looking	1590	652.5	655	2.5	t					
652.5	661.2	" silicified and finely pyritized 1%, with local concentration	91	655	657	2	.01					
		up to 3%.	92	657	659	2	t					
661.2	692.8	Basic dyke hybrid, partly digested with + by granitic	93	659	661	2	t					
		injections.	94	661	663	2	t					
		diffuse pyrite, 1 to 3%, orientated 30° C.A. 661.2 - 667.5	95	663	665	2	t					
			96	665	667.5	2	.01					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou:	CLC-7
Longueur :	1000.'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
			1597	682	884.5	2.5	t					
			98	684.5	687	2.5	N					
692.8	720.6	Granite, massive, med.-gr., greyish, variable										
		711.7 - 720.6 hybrid partly digested volcanic	inclusion									
		713-716 low pyrite threads 1%	1599	713	716	3	N					
720.6	764.0	Rhyolitic quartz porphyry. Numerous small qtz phenos										
		in an aphanitic felsitic light grey groundmass.										
764.0	766.2	Granite hybrid, dark grey										
766.2	777	Basic dyke basaltic appearance										
777.	823.3	Metadiorite, med. gr. altered, chlitized & carbonatized										
		grading gradually from 813 to 823.3 into										
		finer type. chilled contact at 823.3										
823.3	858	Granite massive rather fresh mottle texture, greyish.										
858	888.5	Basic dyke, aphanitic massive, dark grey.										
		aplitic dyke 886.7 - 887.6 1% pyrite dissem.	1600	886.8	887.8	1	N					
888-5	920	Metadiorite, med.-gr. altered locally foliated 80° C.A., hybrid.										
		902-920 getting gradually very fine-gr. more										
		massive but remains hybrid	1601	910.	912	2	t					
		910.5 - 911.5 1% diss. pyr. and 1/4" qtz 45° C.A. at 910.8 and 911.4										
920	949.6	Granite, massive med.-gr. greyish.										
949.6	990.3	Mixture of metadiorite med.-gr. variable with sections of										
		aphanitic, dark grey basaltic dykes as at 954.8 - 957.7	1602	970.2	971.2	1	t					
		tourm.-carb. zone 25° C.A. 970.2 - 971.1										
990.3	1000.	Granite massive med.-gr. greyish.										

Propriété: Carling	Poteau : 8+005	Latitude :
Canton : Courville	Ligne : 32+00 W	Départ :
Rang : 2	Direction: Sud	Azimut :
Lot : 51	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-50°	
600'	-50°	
1000'	-50°	

No du trou: CLC-8	
Longueur :	1000. feet.
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0.0	20.0	Overburden + Casing										
20.0	98.5	Pyroclastites massive heterogeneous numerous light grey fragments in a basaltic groundmass dark greenish grey, aphanitic, with odd intercalated sections of basaltic flows, homogeneous dark greenish grey.										
98.5	115.8	Pyroclastites andesitic composition, same description as above, but lighter grey and less basic										
115.8	151	Pyroclastites basaltic as described at 20-98.5										
151	253	Basaltic flows massive very fine gr. to almost aphanitic, uniform homogeneous dark grey. 155.0-156.2 porphyritic rhyolite dyke 213 - 253 becoming slowly and gradually pyroclastic in places only										
253	392	Pyroclastites basaltic composition abundant light grey small + coarse fragments in a very fine-gr basaltic groundmass. 342-345 schistose 20° C.A. carbonated + chloritic.										
392	483	Pyroclastites becoming progressively finely + irregularly tuffaceous, basaltic composition. Trace of pyrite + pyrrhotite 435 - 1" pyrrhotite 50% 80° C.A. at 438.9 getting bedded at 475 - 483	1651 52	435 437.5	437.5 440	2.5 2.5	t t					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-8
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		traces to 1% pyrite and rare odd thin silicified	1653	474	478	2	.01					
		lamellae in bedding 476-483	54	478	480	2	t					
			55	480	482	2	t					
483	577.7	Diorite, massive med-gr. 60% lath shape feldspar, trachytic	56	482	484	2	t					
		bicoloured rock, 40% interstitial ferromag.										
		499.8-501.2 basic dyke.										
		1/2" qtz = to core, little fine pyrite. 522.7-523.4	57	522.5	525.0	2.5	N					
		" " 524.2-524.7, tr. pyrite										
		1/4 qtz = to core 531.0-532.2 " "	58	531	532.5	1.5	N					
		basic dyke 532.2-533.0.										
		basic basaltic dyke 542.2-549.8	59	542.5	545	2.5	N					
		bands > 1/2 qtz tr pyrite. 542.8-543.2, 544.1	1660	545	547	2	N					
		" " " 545.8-546.9										
		1/4" qtz, little pyrite. 70°C.A 562.0, 562.5	61	561	563	2	t					
577.7	588.2	Granitic dyke massive, fine to med-gr. greyish										
588.2	712.6	Diorite, as described at 483, trachytic texture.										
		591-596 intrusion breccia (granite + diorite)	62	591	593.5	2.5	t					
		with diss. pyrite. in traces	63	593.5	596.0	2.5	t					
		613.1-614 granite dyke.										
		basic dyke 642-642.8, 661.4-661.8 70°C.A.										
		tourm-qtz 680.2-680.8 70°C.A	64	680	681	1	N					
		granite dyke 70°, 692.8 (4") 697.8 (7")										
		basic dyke 703.8-705.1										
712.6	740.8	Basic dyke basaltic massive uniform very fine gr. dark grey.										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-8
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
740.8	821	Diorite massive as described, trachytic texture.										
		altered 772.5 - 774 trace of pyrit.	1665	772.5	774.	1.5	t					
		" 785 - 786. " "										
		dyke basique 801.4 - 809.	66	785	786	1.0	N					
821	849	Basic dyke, basaltic										
		840.5 - 843 diorite as described										
		chlorite - qtz str 30°, 5#", 843.2	67	842.7	843.7	1	N					
849	1000	Diorite as described										
		altered 849 - 858.5										
		qtz vein, vitreous 853.3 - 854.8 40° c.A.	68	853	855	2	.02					
		basic dyke, basaltic 858.5 - 864.7, 872.8 - 882.4 (80°)										
		fresh 858.5 -										
		basic dyke 916.7 - 923.5 75° c.A										
		" " 944.5 - 945.3, 946.7 - 947.5										
		" " 961.3 - 972.5 (70° c.A.)										
		1/4" qtz = to core 980.2 - 980.6, 981.3 - 981.7	69	980	982	2	N					
		988 - 989 felsite dyke										
	1000	End.										

Propriété: Earling	Poteau : 13 + 80 S	Latitude :
Canton : Courville	Ligne : 32 + 00 W	Départ :
Rang : 2	Direction: Sud	Azimut :
Lot : 51	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-52°	
600'	-55°	
900'	-57°	(See P-2)

No du trou:	CLC-9
Longueur :	1000'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	26	Overburden, Piping & Casing										
26	65	Andesitic lavas flow, aphanitic to vf grained, massive, greenish grey										
65	84	Micro meta gabbro, massive, medium brownish grey										
84	149.5	Mixture of andesite and Micro meta gabbro as described altered variable										
		138-141.5, Igneimbrite, bluish Qtz & feldspar porphyres in a greyish mauve groundmass.										
149.5	201	Basaltic flow hybrid, massive to faintly aligned at 70-80°C.A., aphanitic to vf-gr. Becoming freother										
		149.5-157.5, andesitic to basaltic flow, moderately sheared at 60-70°C.A., tr-1% pyrite & pyrrhotite, w/	1683	149	151	2	t					
		149.5, 2½" Qtz, 60°C.A., 1% yellow & greenish pys. & pyrrh.	4	151	153	2	t					
		150-157.5, mix of Qtz & ch, w/tr-1% pys & pyrrh.	5	153	155	2	.01					
			6	155	157	2	.01					
		190.5 to 200.5, moderately sheared at 80°C.A., tr pys	1687	189.5	191.5	2	t					
		w/ 190.5-191.5, Qtz-carb, 60° & 10°C.A.	8	191.5	193.5	2	t					
		191.5-193, andy, shearing 45°-90°C.A.	9	193.5	195.5	2	t					
		196.3, 9" Qtz-carb., 60°C.A., 1" at 197 (Qtz-ankerite)	96	195.5	197.5	2	t					
		197.2, 6" silicified, tr-1% pys	1	197.5	199.5	2	t					
			2	199.5	201.5	2	t					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut
1000'	-57°	

No du trou: CLC-9
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
201	213,2	Metagabbro (little Qtz), massive, medium gr. dk greyish green.										
213,2	247	Metadiorite, massive, m-gr, light greenish grey, altered variable.										
		217,6 to 232, basic dyke, very finely crystalline, m-green										
		244,8 to 245,6, Qtz-carb-chlorite, tr pys-pyrrh at the contacts	1693	244,5	246	1,5	t					
247	305	Mixture of a massive microgabbro with a medium grained metadiorite and basaltic flow slightly hybrid										
		259,8, 1½" Qtz-tourmaline-chlorite-carb, 20°C.A, 1% pyrrh, tr pys	94	259,5	260,5	1,0	t					
		290-291, tr to 1% pys & pyrrh	95	289,5	291,5	2	N					
305	556,4	Metadiorite hybrid, massive, medium gr., altered, greyish beige-green										
		311 to 311,7, 1" Qtz, 10°C.A, 2% pyrrh & pys 1" each sides	6	310,5	312,5	2	N					
		320,5-324,5, basic dyke, aphanitic, dark green										
		326,8-328, 1" Qtz, 10°C.A, 1-2% pyrrh & pys, 1-2" each sides	1697	326	328	2	N					
		328-332, 1% pyrrh-pys	8	328	330	2	N					
		332, 6" Qtz, white & sugary, 10% pyrrh, 1% pys, 20°-30°C.A.?	9	330	332	2	t					
			1700	332	332,5	1,5	t					
		350-350,7, ½" Qtz, 10°C.A, tr to 1% pyrrh-pys	1	349,5	351,5	2	N					
			2	351,5	354,5	3	N					
		355-358, veinlets ¼-½", // to 10°C.A, 1% pyrrh, tr pys	3	354,5	356,5	2	N					
			4	356,5	358,5	2	N					

2 of 5

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-9
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		367-368, 1% pyrrh-pyr	1705	366.5	368	1.5	t					
		368-372.5, tr-½% pyrrh-pyr	6	368	370	2	N					
			7	370	373	3	N					
		Basic dyke, ophitic to vfgr, massive, dark green, 426.9 to										
		435, at 90°C.A. — 454.4 to 458.7, at 60°C.A. — 459.5 (8") —										
		468.4 (5") — 475.5 to 481 (80°C.A. microdiorite) — 499.5 to 501										
		503.4 (7") — 505.3 (4") — 506.9 to 507.3										
		522 to 524, mixture of metadiorite with basic dyke, tr pyr	1708	521.5	523	1.5	N					
		w/5" Qtz-carb-tourm-chl, 35°C.A., 2% pyrrh, tr-1% pyr at 523.1	9	523	524.5	1.5	N					
		Basic dyke, as described, 534 to 538 — 540 to 541.7 w/										
		10% pyrrhotite ± 3% pyr in 1" at 541.7	1710	541.2	542.2	1.0	N					
		544.5 to 552 (60°C.A.) — 554.2 (10")										
556.4	569	Granite, massive variable, medium gr, altered, reddish brown										
569	573.3	Granite (charnokite), massive, m to coarse gr, yellowish & bluish										
		finish w/ one foot of granite as described at 556.4, 2% pyr 572.6"	11	571	573	2	t					
573.3	575.5	Breccia, should be a fault breccia, a contact phase	2	573	575	2	t					
		!..., fragments, <3cm, all kind of form, in a dark ground	3	575	577	2	N					
		mass. Contact seems to be 10-15°C.A.										
575.5	595	Mixture of basic dyke as described with a rk of tonalitic										
		composition										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-9
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
595	681,2	Granite, altered, massive, medium gr, light brownish-grey										
		contact at 80-90°C.A. (50° at 681,2)										
		661-666, basic inclusion, finer gr than granite										
		med-grey, 80°C.A.										
681,2	733	Mixture of granite as described with a rock of diaritic										
		composition, grading from very fine to m-gr										
		724, 1" Qtz, wavy, 25°C.A., 3% pyr	1714	723,5	725,5	2	.01					
		725, 1/4" " , 10-15°C.A, 2-3% pyr										
733	766	Basic dyke, altered, v-f to fine crystalline, partly silicified										
		slightly sheared at ~45°C.A., light gray to light green										
766	856	Granodiorite, m-grained, altered, yellowish gray										
		with 1-2% pyr, from 781,5 to 786	1715	781	783,5	2,5	t					
		Basic dyke, aphanitic, greyish green, contact 60-90° C.A	6	783,5	786,5	3	t					
		from 786-787,3, 798,2-803, 809,6-816,6 (40° & 60°C.A.)										
		819,5-821,7										
		Shearing at 80°C.A., from 824,2 to 827 (w/ 2% pyr, 824,2-825,2)	1717	823,5	825,5	2	.04					
		Basic dyke 832,6-837,3										
		Weakly aligned at 60-70°C.A. w/ 1 to 2% pyr 840,7-842	8	840	842,5	2,5	N					
856	911,2	Altered granite (or granodiorite), m-gr, very light gray										
		862,7 to 865,5, Qtz, milky to wavy, 5-10°C.A, tr pyr	1719	862	864	2	N					
			20	864	866	2	t					
		Basic dyke, slightly silicified from 868 to 885										
		w/ 1" Qtz, 10°C.A., 2-3% pyr (1" without sb) at 882	1721	880,5	882	1,5	N					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-9
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		887, 2" Qtz, 60° C.A.	1722	886.5	887.5	1.0	N					
		887.7 to 889.7, Qtz, wavy, low ∡°, tr pys	3	887.5	890	2.5	N					
		Basic inclusions, 900.5 to 903.5, 905.4 (6")										
911.2	955.6	Basaltic lava flow, aphanitic, dark green, massive, mixed w/ felsic (granitic) dykes, m-gr, variable colors										
		1% pys 915 to 917.2	1724	914.5	917.5	3	t					
955.6	1000	Micro gabbro, slightly hybrid, vf to fine crystallin, massive or very weakly aligned at 60-70° C.A.										
		Basic dyke, aphanitic, dk green, 973.2 to 975.2 w/ tr to 1% py: 973.2 to 974	1725	972.5	974.5	2	t					
		granitic dyke, m- to coarse gr, altered, reddish brown from 996-997.5,										
		End (1000)										

Propriété: Carling	Poteau : 19+60 S	Latitude :
Canton : Courville	Ligne : 32+00 W	Départ :
Rang : 2	Direction: South	Azimut :
Lot : 51	Plongée : -50°.	Elévation:

Prof.	Plong.	Azimut
300'	-50°	
600'	-50°	
980'	-49°	

No du trou: CLC-10	
Longueur :	986'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	74	Overburden. Piping & Casing										
74	132	Meta diorite hybrid, massive, f to m-grained										
		felsic dyke, 74-76, w/ 1/2" Qtz, 10° C.A, 75	1603	74	76	2	N					
		andesitic dyke, 84,5-89,5, 92-97,5										
		3/4" Qtz, 60 C.A, tr of pys, 96,4 and 99,5	1604	96	97,5	1,5	t					
		3" Qtz-tourm, 99, weakly sheared 97-101	1 5	97,5	99,5	2	N					
		granitic dyke 107,7-109,3 w/ 1/4" massive pys 20° C.A 109, partially oxydized	6	99,5	101	1,5	t					
		1/2 Qtz, wavy, 15° C.A, tr of pys 115,5	1607	107	108,5	1,5	N					
		" 25° C.A 1% " 121	8	108,5	109,5	1,0	N					
		" 30° C.A, " 123										
		andesitic dyke 127,5-132	1609	120	121,5	1,5	N					
			10	121,5	123	1,5	N					
132	169,5	Metadiorite hybrid, m-grained, altered variable, silicified										
		chilled contact at 90° C.A.	1611	131,5	132,5	1,0	N					
		3/4" Qtz, 90° C.A. 131,9, tr of pys										
		andesitic dyke, chloritic, 135,6 (8")	2	139	141	2	N					
		felsic dyke 136,8-138,2 tr of pys	3	141	144	3	N					
		1/2 Qtz, low <° 1% pys	4	144	146,5	2,5	N					
		141-143, 1% pys	5	146,5	149	2,5	N					
		144-149, altered rock, tr to 1% pys (oxydized)										
		152 (8") 1% pys	6	151	153	2	N					
		aplitic dyke 158,2-159,5										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-10
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
169.5	182.8	Basic dyke, very finely crystalline, dark greenish grey.										
182.8	231	Granite, fractured, m-grained, fresh variable, tr of pyr diss.	1617	182.5	184.5	2	t					
		metadiorite (as described) 183.3-186.7, 1% pyr w/ 5"	8	184.5	185.5	1	t					
		Qtz, 40° C.A., at 184.6	9	185.5	187.5	2	.01					
		194.4 (8") 2% pyr										
		metadiorite 201-207.5, tr to 1% pyr, 2% at 206 (2")	1620	194	195.5	1.5	t					
			1621	204	205.5	1.5	N					
			2	205.5	206.5	1	N					
			3	206.5	208	1.5	N					
		1½" Qtz, 40° C.A., 2% pyr, tr pyrrhotite, 222	1624	221	223	2	t					
		metadiorite 228-231, 30° C.A., slightly aligned, 1% pyr	1625	227.5	229.5	2	t					
			6	229.5	231.5	2	t					
231	252	Basic dyke, as 169.5. Both contacts are chilled ~ 50° C.A										
252	256.5	Felsic dyke, aphanitic, m-grey, ~ 50° C.A, w/ 1¼" Qtz-tourm, 20° C.A.										
		mass. pyr at 255	1627	254.5	256	1.5	t					
256.5	293.3	Tonalite, fresh, m to coarse grained. 60% feldspar phenos. either	8	256	257.5	1.5	t					
		individual acicular shape or in cluster with 40% ferro-magn.										
		1st foot, 1% pyr										
		basic dyke, 258.6 (6"), 269.5 (8"), 280.5 (7")										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-10
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		silicified 267.6 (12") 1 to 2% pyr, 271.5-275, weakly sheared	1629	267	269.5	2.5	N					
		20°C.A. 1% pyr w/ 2"x1" pyrite at 272.9										
		289.6-293.3, basic dyke, moderately sheared at 75°C.A	1630	271	273.5	2.5	t					
		w/ 3" Qtz, concordant 292.6 and 2" Qtz, 293	31	273.5	276	2.5	.01					
293.3	331	Granite, massive, m-grained, mauve grey	1632	292.5	293.5	1	t					
		Qtz, wavy, 30° C.A, tr pyr, 311-311.8										
		2" Qtz, carb, chl, 50°C.A., tr pyr 313	1633	310.5	312.5	2	t					
		basic dyke, 60°C.A. 315.2 (8"), 316.7 (6")	34	312.5	314	1.5	N					
331	357.3	Felsic dyke, massive altered light grey, v-f grained, appearance of rhyolitic Qtz-feldspar porphyry. Small amount of coarse resorbed phenc. and Qtz cryst. in an almost aphanitic light grey, sericitized groundmass. Contact ~ 70°C.A.	1635	347	348.5	1.5	N					
		347-348, 1/2 Qtz, 10° C.A.										
		1/2" Qtz, 50°C.A, 356.5										
		4" Qtz, 30°C.A, tr of pyr-pyrrhotite, 357										
357.3	408.6	Granite, as described 182.8	1636	356	358.5	2.5	N					
		1/4" Qtz, 30°C.A, tr of pyr-pyrrhotite 358 & 3/4" at 359	7	358.5	361	2.5	t					
		1" " 45°C.A " " 360.4 & 1/2" 360.6 (60°C.A										
		380-81, Qtz & granite 1% pyr tr pyr.	1638	380.5	382.5	2	t					
		381-382, metadiorite & granite, 1% pyr	9	382.5	384.5	2	N					
		398.5-399.8, basic dyke										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-10
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
402.6	431	Grano A, massive, m-grained, opalescent Qtz.										
		402.7, 7" Qtz, wavy to sinuous, 60°C.A., 1-2% pyrrhotite	1640	402	404.5	2.5	N					
		and 2" ‖C.A., and 8" at 30°C.A										
		415, 1" Qtz, 20°C.A., 1/2"x1" pys, 1/2"x1/2" pyrr. and 2% pyrr	1641	414.5	416	1.5	t					
		both sides — 418.5, 1" Qtz concordant to the shearing (60°C.A.) to pyr										
			1642	418	419	1	t					
431	453.5	Basic dyke sheared 80°C.A., altered, chltic										
		438 & 438.4, 2" Qtz, concordants	1643	437.5	439	1.5	t					
453.5	688	Mixture of very fine, gr to aphanitic basic dyke with hybrid										
		fine to m-grained metadiorite.										
		granite (FII faintly epidotized), coarse to very coarse mixed										
		w/ metadiorite from 464.5 to 466.6, 466.9 (10"), 471.6 (4"), 472.6 to										
		473.6, 499.3 to 500.8, 512.5 to 513.5										
		504-521, basic dyke, aphanitic, green, chltic										
		521-549, " " " dark green, mixed w/ small										
		sections of granite										
		549-554.2, basic dyke as described at 504, and										
		557.5 to 562.5 — 567 to 574 — 604 to 607 — 618.5 to 621.2										
		623.2 (10") — 642.7 to 643.5										
		644.5 to 646, granitic dyke, epidotized, hematite										
		649.5 to 658; pyroclastic basaltic lavas, grey, contact 50°C.A.										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou:	CLC-10
Longueur :	
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
688	713,2	Granite, massive, medium grained (bluish Qtz) pinkish grey.										
		w/ slightly aligned metadiorite 691-696, 706-707.										
		711,4 to 713,2, Qtz sweat, 10° and 90° C.A. at the contact, tr pyr	1644	711	714	3	t					
713,2	744	Microgabbro, massive, chloritized, dark green										
		724 to 727, Qtz & chlorite, 50° C.A., tr pyr. (carb-tourm-ser)	5	723,5	725,5	2	t					
744	787,5	Micro meta diorite, partly digested with & by granitic injec-	6	725,5	727,5	2	t					
		tions, Greenish grey.										
787,5	873,5	Pyroclastic basaltic to andesitic flow hybrid, assimilation of										
		of a pyroclastic by a granitic sk. f to m-gr. greyish green.										
		Bedded and slightly sheared at 90° C.A.	1647	794,5	798	3,5	t					
		794-822, sheared & altered sk, chloritized & carbonated,	8	798	801	3	N					
		w/ parts of carbonate-Qtz-tourmaline, 795,3 (6") - 797 (8"	9	801	804	3	N					
		tr pyr) - 798,2 (8") - 800 to 806 contacts seems to be 50° f/C.A.	50	804	807	3	N					
			1670	807	810	3	N					
		807,5 to 809,5, very altered sk (silicified granite), tr pyr	1	810	813	3	t					
		810,5 to 811,8, altered granite, partly rusty										
		847-857, sheared lapilli tuff										
873,5	965	Pyroclastic basaltic lavas, massive, chloritized										
		Meta diorite f-gr, massive 70° C.A., 881,3 to 889,2										
		Metadiorite hybrid, fine grained, altered variable, 910-924,3										
		842, 1/2" Qtz, 25° C.A, 1% green pyrite	1672	841,5	842,5	1,0	t					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-10
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon				Analyses					
			No	de	à	L.	Au	Ag	Cu	Zn		
965	986	Granite, massive, altered, f to m-gr, greyish.										
		Basic dyke, massive, rf to f gr., light green, 969.3-970.3										
		974.4-979.7										
		End (986)										

Propriété: Carling	Poteau : 0+00 (Base line)	Latitude :
Canton : Courville	Ligne : 0+00	Départ :
Rang : 2	Direction: South	Azimut :
Lot : 55	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-50°	
600'	-45°	

No du trou: CLC-11	
Longueur :	986'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	226	Overburden - Piping & Casing										
226	316	Andesitic lava, massive, aphanitic, light greenish grey										
316	341	Micro diorite, massive, light grey										
341	494	Andesitic as above, interbedded with rare pyroclastic andesitic flow.										
		352,8 to 374,3, microdiorite to fine gr diorite, massive										
		433,1 to 454,1, felsic dyke, v light brownish grey, massive, 5% rounded bluish Qtz gr										
494	532	Microdiorite to f-gr diorite, massive, light greenish grey										
		504,7 to 505,5, Qtz-carbonate-chl, sheared 15°C.A., tr pyr	1673	504	506	2	t					
		507,7 to 509, " " ", 30° & 80° C.A., 1% pyr	4	506	507,5	1,5	t					
532	703,6	Andesitic lavas as described at 226	5	507,5	509,5	2	t					
		5% pyrrhotite at 616,30 over 1"	6	615,5	617	1,5	t					
703,6	776,3	Pyroclastic andesitic flow, 10-15% lapilli, massive light greenish grey interbedded with aphanitic to fine grained andesitic lavas, massive light greenish grey. Becoming a mass. pyroclastite.										
776,3	810,3	Andesite (as 532) interbedded with basaltic flow, aphan. to v-f gr. massive, m to dark grey. Contact at 30° C.A.										
		805-805,8, ½-1", Qtz, 10°C.A.	1677	804,5	806,5	2	t					
		"¼" silicified, pyrrh. 15°C.A. at 806,7 & 808	8	806.5	809	2,5	t					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-11
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
810,3	986	Pyroclastic andesitic flow, massive, altered; carb & epidotized light green										
		851-857, andesitic lava as described										
		870-877, microdiorite, massive, light grey										
		875, 3" qtz, wavy, 80° C.A.	1679	874,5	875,5	1,0	.01					
		879,5-880,5, qtz-carbonate, low ∡°	80	875,5	879	3,5	t					
			1	879	881	2	t					
		954,5-955,4, qtz & ptly digested Pk	1682	954	956,5	2,5	N					
		955,4-956, qtz milky										
		from 926 to the end, the rock is becoming pyroclastic andesitic hybrid.										
		END (986)										

Propriété: Carling	Poteau : 5+50 S	Latitude :
Canton : Courville	Ligne : 0+00	Départ :
Rang : 2	Direction: South	Azimut :
Lot : 55	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-50°	
600'	-50°	
900'	-47°	(See P-2)

No du trou: CLC-12	
Longueur :	1000'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	202	Overburden. Piping & Casing										
202	281	Andesitic lava flow, massive, aphanitic, rare fragments light to medium gray. Rare vesicules										
		207,2 to 210,8, diorite, fine crystalline, massive, light gray										
281	312	Pyroclastic andesitic lava, massive, brownish gray										
312	535,6	Andesite as described										
		386 to 400, microdiorite, massive, light greenish gray										
		microdiorite, massive, light green, 481,6 to 483,5 – 487,5										
		490,6 (40° C.A.)										
		499,8 to 509, pyroclastic andesitic lava, carbonated, weakly										
		aligned at 60° C.A, contact at 60° C.A										
535,6	553	Microdiorite, massive, light green, with some altered volcanic										
		inclusions.										
553	623	Andesite as described										
		614, 3" with, 20% pyrrhotite, 3% chalcopyrite	1726	613,5	615,5	2	+					
		614,4 to 614,8, 3% pyrrhotite, tr py.										
623	655	Pyroclastic, resorbed fragments in a very fine brownish										
		gray groundmass (partly from a continental source) sometimes										
		mixed with an andesite.										
655	721,5	Andesite as described above, presence of vesicules of Qtz (dif-										
		ferent sizes & shapes)										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut
1000'	-46°	

No du trou: CLC-12
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
721,5	788,8	Lapilli tuff, massive, broken white fragments c. 2 to 4 mm in a greenish gray groundmass. the first five feet are bedded at 70° C.A. and deformed at 725,2.										
		1/2" sheared, w/ chalcopyrite & pyrrhotite at 718,7	1727	718,3	719,3	1,0	t					
		732,2, 4" Qtz, wavy, 50° C.A.	1728	731,5	733	1,5	t					
		745,8, 7" Qtz, sugary-grained, 45° C.A.?, 3% pyrrhotite, tr to 1% green pyrite, chlorite.	1729	745,5	747	1,5	t					
		basic dyke, massive, aphanitic to fine grained, medium gray from 756 to 763,3 (45° C.A) — 768 to 779,3 -?										
788,8	803,7	Andesitic lapilli flow, massive or obscure bedding at 60° C.A. when visible, gray to brownish gray, rare fragments										
		4" silicified (sugary-gr), 60° C.A. at 788,8	1730	788	790	2	t					
803,7	816,7	Lapilli tuff as described above										
816,7	1000	Pyroclastic andesitic flow, massive, altered invisible, greenish gray. 829,5 - 831, cherty, partly bedded w/ 2% pyrite in 2" at 829,5										
		4-5% pyr in 2" at 829,9	1731	819,1	820,1	1,0	t					
		and sheared contact (1/4-1/2") between the cherty part & the pyroclastic, pyritized, 10° C.A. from 820,2 to 820,6	2	820,1	821,6	1,5	t					
		1" (840,8) & 1 1/2" (841,3), Qtz, wavy, 45° C.A, tr pyrrhotite	1733	840	842	2	N					
		866,8 to 867,7, Qtz, // & 60° C.A. tr pyr	1734	866,5	868	1,5	t					

END (1000)

Propriété:	Poteau : 33+00 S	Latitude :
Canton :	Ligne : 28+00 E	Départ :
Rang : 2	Direction: Sud	Azimut :
Lot : 56	Plongée : - 50°	Elévation:

Prof.	Plong.	Azimut
300'	- 50°	

No du trou:	CLC-13
Longueur :	568'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	30	Overburden. Piping & Casing										
30	141	Andesitic pyroclastic lava flows, rather massive or obscure foliation at 25°C.A., very fine grained, med. greenish green, presence of opalescent quartz eyes from 50.	1735	38,5	41	2,5	tr					
		qtz // C.A. at 39 over 6" — 41,5 to 42,5 — ~~44 to 45~~	6	41	43,5	2,5	tr					
			7	43,5	45,5	2	tr					
		71,7-76, quartz, wavy, 15°C.A., tr pyrite-pyrrhotite	1738	71	73	2	tr					
			9	73	75	2	tr					
			40	75	76,5	1,5	tr					
141	289	Mixture of an andesitic rock with a medium grained granitic rk (opalescent qtz)										
289	313	Quartz porphyry rhyolite, massive, fine gr., light gray.										
313	375,5	Metadiorite, fine gr., rather massive, yellowish green, andesitic dyke 324,4-329,5. Altered variable										
375,5	385,5	Andesitic dyke, massive, green, very fine gr., chilled contacts, 60°C.A.										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou:	CLC-13
Longueur :	
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
385,5	408,5	Metadiorite, as described at 313 andesitic dyke, aphanitic 398-400										
408,5	462,3	Hybrid mixture of an andesitic sk with granitic intrusions and small sections of metadiorite. 1/2" qtz, 15°C.A., 1% pyr at 415	1741	414	416	2	tr					
462,3	515,5	Andesitic lava flows, massive, aphanitic to fine gr. slightly recrystallized, chloritized, dark green. Few feldspar phenocrysts.										
515,5	531	Quartz porphyry granite, massive, altered, fine gr. light brown-orange, contacts at 60°C.A.										
531	568	Andesitic lava flows, as described, could be basaltic. Faintly magnetic										

Propriété:	Poteau : 36+00 S	Latitude :
Canton :	Ligne : 28+00 E	Départ :
Rang : 2	Direction: Sud	Azimut :
Lot : 56	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-55°	
600'	-55°	
800'	-55°	

No du trou:	CLC-14
Longueur :	800'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	26	Overburden. Piping & Casing										
26	75,6	Quartz diorite, med. gr., weakly foliated, quite fresh, grayish green. Contact 75,6 at 75° C.A. 49,7 - 53,8, leached, almost aphanitic.										
75,6	86	Andesite, (dyke), massive, aphanitic to v f gr., green										
86	110	Quartz diorite as described at 26 (opalescent quartz) 103,5 - 110, microdiorite, altered										
110	163,5	Granodiorite, massive, fresh, med. gr., opalescent qtz and small sections of diorite appearance basic dykes, aphanitic, 139,6 (6"), 141 - 144 144,7 (8")										
163,5	219	Quartz diorite, altered, fine gr., grayish green Could also be interpreted as a basic volcanic flow recrystallized and weakly granitized due to the acid intrusion nearby.										
219	268,4	Diorite, massive, weakly altered, yellowish feldspar phenocrysts, fine to med. gr., yellowish green. basic inclusion, aligned at 50° C.A., 232,2 - 239										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-14
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
268,4	321,8	Andesitic rock, slightly granitized, massive, fine gr. green.										
		Intermediary to basic dyke, aphanitic, 276,2 – 279										
		granitic dyke, 279 – 287 (30° C.A.), 297 (7"), 298,6 – 299,6										
321,8	380	Granite, altered, massive, fine gr., opalescent qtz, pinkish gray to light brown-orange										
		basic (volcanic) inclusions: 329,5 – 333, 341 – 357										
		367,2 – 380, altered										
		qtz str, low ∡°, 362,5 – 363,5, 365 (1"); 365,4 (2")	1742	362	364	2	tr					
			3	364	366	2	tr					
380	456,2	Granite, greisen type, qtz phenocrysts, massive, fine to med gr. light gray-beige.										
		qtz, vuggy, low ∡, 385 – 386,6 and 393,5 – 395,5	1744	384,5	387	2,5	tr					
			1745	393	396	3	tr					
456,2	558	Basic rock (andesite?), silicified and carbonated, massive, fine gr., greenish gray.										
		granitic dyke, chilled phase, 473,7 – 476, 513,5 – 515										
558	644	Diorite, massive, fine to med gr., feldspar phenocrysts, slightly silicified and chloritized, light green.										
		Very weakly tourmalinized: tr to 2% very small (1-3 mm) clusters of tourmaline needles										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-14
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		from 600 to 666, weakly foliated at 50-60° C.A.										
		Vein of tourmaline, quartz, carbonate, chlorite 619,4-621	1746	619	621	2	tr					
644	774,5	Basic sk, could be diorite or recrystallized andesite, altered from 644, tourmalinization & granitization is gradually increasing										
			1747	649	651	2	tr					
		649-657, irreg. tourm. & silicif., 1% pyr.	8	651	653	2	tr					
			9	653	655	2	tr					
			1750	655	657	2	tr					
		basic dyke, altered (tourm + silic.) 675,5-678										
		686,8-693,4										
		5-6", qtz, 15° & 5° C.A., at 701,8 & 703	1751	701	702,5	1,5	tr					
			2	702,5	704,5	2	tr					
		3" qtz, 30° C.A., at 728,5 - 2% pyr both walls over 2"	1753	728	729,5	1,5	tr					
		3" " " at 731	4	729,5	730,5	1	tr					
		735,5-736,5, qtz, low ∠°, 2 to 5% pyr in both walls from 733,4 to 732	5	730,5	732	1,5	tr					
			6	732	733	1	tr					
		→	7	733	735,5	2,5	tr					
			8	735,5	736,5	1	tr					
			9	736,5	738,5	2	tr					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-14
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
774,5	800	Basic sk, sheared at 90° c.A., altered, succession of very small bandes (2 to 20 mm) of silica and chlorite-tourmaline. Fine gr., green to blackish green.										
			1760	784,5	786,5	2	tr					
		786,6 to 788,3, 2 to 5% dusty pyrite	1	786,5	788,5	2	tr					
			2	788,5	790,5	2	tr					
		the rock is becoming like a sheared amphibolite.										
		End (800')										

Propriété:	Poteau : 41+00 S	Latitude :
Canton :	Ligne : 28+00 E	Départ :
Rang : 2	Direction: Sud	Azimut :
Lot : 56	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-50°	
600'	-50°	
700'	-50°	

No du trou:	CLC-15
Longueur :	700'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	11	Overburden. Pipeing & Casing										
11	32,5	Basic rock, dioritic aspect, altered, silicified & tourmalinized fine gr., greenish gray. Contact 32,5 at 30° C.A.										
		Basic dyke, aphanitic 22-25,7										
32,5	132,6	Andesite, massive, aphanitic to very finely crystalline med. gray										
		3" qtz-carb., 30° C.A., 1% pyr. at 44,5	1763	44	45,5	1,5	tr					
		sections as described at 11 : 58-59,8, 69,5-70,5										
132,6	210	Basic rock as described at 11, metamorphized										
		3" qtz, 25° C.A at 141,7	1764	141	142,5	1,5	tr					
		granitic dykes : 156-162,8, 165,7-170										
		1½, silicified & tourm.-pyr. at 172,7	1765	172	173,5	1,5	tr					
		3" qtz-tourmaline, 30° C.A, at 193	1766	192,5	194	1,5	tr					
210	265,5	Andesite (dyke), massive, hematized fractures, small phenocrysts (1-4 mm) of feldspar. Fine to cryptocrystalline, green (med)										
		from 241,5, rock is dark green and almost not hematized										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-15
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
265,5	423,5	Basic rock as described at 11, could be metadiorite, altered, weakly sheared, metamorphized. The rock is partly hematized, chloritized, silicified and tourmalinized.										
		5" qtz-carb-tourm., 50°c.A, at 329,2	1767	329	330,5	1,5	t					
		basic dyke, 329,5-333,5 at 35°c.A., 381-388										
		391,7-394,6, contacts and shearing at 50°c.A.										
423,5	499	Andesite, altered, recrystallized, partly gravitized, rather massive, aphanitic to fine gr., greenish gray.										
		granitic dyke 424,7-429,6										
		463 to 486,5, rock is altered & sheared at 80°c.A and cutted by four small granitic sections. silicif. & chlorit. in bandes of 1/2 to 2cms										
		5" qtz, 45°c.A, at 498	1768	497,5	499	1,5	t					
499	509,8	Granite, massive, altered, fine gr., beige to light orange.										
509,8	534,7	Metadiorite as described at 265,5, carbonated										
		granitic dyke 519,4-521,5										
534,7	578	Andesite, as described, with 1% magnetite, carbonated										
		granitic dyke 541-546, 568,2-570										
		568,2-570, qtz str. 11 c.A.	1769	568	570	2	t					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-15
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
578	670	Hybrid contact zone, assimilation of a metamorphic rock (amphibolitized) by a granitic intrusion										
		1/2" pyrite, 30°C.A., at 582,6	1770	582	583,5	1,5	tr					
		4" qtz-chl, 45°C.A., at 657	1771	656,5	658	1,5	tr					
		1" quartz, 75°C.A., at 658,3	2	658	659	1	tr					
670	700	Quartz-feldspar porphyry granite, porphyries of qtz-FT in a very siliceous and almost aphanitic groundmass, massive, beige to light gray.										
		basic inclusion 696,2 - 698,5										
		End (700')										

Propriété:	Poteau : 36+50 S	Latitude :
Canton :	Ligne : 6+00 E	Départ :
Rang : 2	Direction: Sud	Azimut :
Lot : 55	Plongée : -50°	Elévation:

Prof.	Plong.	Azimut
300'	-53°	
600'	-53°	
750'	-50°	

No du trou:	CLC-16
Longueur :	750'
Commencé :	
Terminé :	

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
0	11	Overburden. Piping & Casing.										
11	49	Andesite, partly recrystallized, altered, variable, massive, green.										
49	78,5	Amphibolite, massive, medium grained, dark green, cutted by short granitic sections.										
78,5	113,5	Andesite, , massive, homogeneous, medium green										
		Amphibolite section 97,5-99,7										
		mixture hybrid of both rocks 106,3-113,5										
113,5	181,5	Amphibolite, siliceous, as described. yellowish feldspar										
181,5	215	Amphibolite semischist becoming siliceous schist from 184 to 197 & foliated at 15° C.A.										
		1% pyr over 3" at 200,5	1773	200	201	1	tr					
		1" qtz str, 30° C.A., 1% pyr at 202,1	4	201	202,5	1,5	.02					
		3" " " at 203	5	202,5	204	1,5	tr					
215	241	Amphibolite as described at 113,5, slightly hybrid from 221										
241	266	Granodioritic gneiss, massive, granoblastic, med-gr., greenish gray. Trace of pyrite.										
266	298,4	Andesite as described at 78,5, hematized fractures										
298,4	336	Granodioritic gneiss as described, carbonated										
		2" qtz-carb, at 325, at 90° C.A., and concordant with	1776	324,5	326	1,5	F					
		shearing 325-326,5										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-16
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
336	360	Siliceous chloritic schist, sheared at 75°C.A., carbonated										
		qtz-carb, stg, concordant, at 336,6 - 337(2") - 337,4(2")	1777	335,5	337,5	2	ŧ					
		337,6 - 338(3") - 339 - 340,3	8	337,5	339,5	2	ŧ					
		3" silicified at 343,6	9	339,5	341	1,5	ŧ					
		1% dusty pyr - 2" at 345,8	1780	341	343,5	2,5	ŧ					
		qtz-carb stg 346,9 - 347,4 - 348 - 348,5 - 350 (6")	1	343,5	345,5	2	ŧ					
		352,3 - 353 - 354,4 - 354,6	2	345,5	347	1,5	ŧ					
			3	347	349,5	2,5	ŧ					
			4	349,5	352	2,5	ŧ					
			5	352	355	3	ŧ					
		357-358,3, brecciated & siliceous, 1% pyr	6	355	357	2	ŧ					
			1788	357	358,5	1,5	ŧ					
360	374,7	Mixture of granodiorite gneisses and a chloritized basic inclusions.										
374,7	520	Granodiorite rock, massive, fine gr., altered, pinkish gray. Sections of gneissic aspect.										
		basic dyke, aphanitic, dark green 383,5 - 393,7										
		401,6 - 403,4 (sheared 90°C.A.), 404,5 - 405,7 (sheared at 60°C.A)										
		406,5 - 407,4, qtz milky, 30°C.A., tr pyr both walls	1788	405,5	408	2,5	ŧ					
		409,5 - 410,2 " " 60°C.A	9	408	410,5	2,5	ŧ					
		410,8 - 412,1 " " 30°C.A.	1790	410,5	412,5	2	ŧ					

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-16
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		basic inclusions : 425,6 - 430,4 , 432,6 - 433,5										
		439,2 - 445 , 448,6 - 450,6 , 455 - 456										
		irreg. carb-chlorite alty. 472 - 475 , tr pyr at 474,9	1791	472	473,5	1,5	tr					
			2	473,5	475	1,5	tr					
		basic inclusions: 474 - 475,1 , 481 - 486 , 489,5 - 493,5										
		513 - 514,5 , 515,7 - 517,5										
520	530,7	Microdiorite, massive, slightly carbonated, light green, 30°C.A.										
530,7	660	Granite, massive, altered variable, fine gr., pinkish										
		gray to light gray										
		microdioritic dyke : 456,5 - 464										
		basic inclusions 592 - 593,5 , 596,4 - 601,8 , 612,5 - 616,9										
		6" qtz at 598,3	1793	598	599,5	1,5	tr					
		1½ qtz , 30°C.A., at 607,5 & 608,3	1794	607	609	2	tr					
		609,7 - 612,3 , qtz , 5°C.A.	5	609	611	2	tr					
			6	611	612,5	1,5	tr					
		microdiorite 642,7 - 649 , 660,2 - 663										
		649 - 650,5 , qtz & digested granite, tr pyr	1797	649	650,5	1,5	tr					
		tonalite : 656,6 - 666										
660	727,4	Basic rock partly granitized, rather massive, crypto to										
		finely crystalline cutted by two aplitic felsitic dyke										
		gray mauve to brownish gray 668,6 - 676,6 & 694,2 - 705										

Propriété:	Poteau :	Latitude :
Canton :	Ligne :	Départ :
Rang :	Direction:	Azimut :
Lot :	Plongée :	Elévation:

Prof.	Plong.	Azimut

No du trou: CLC-16
Longueur :
Commencé :
Terminé :

De	à	GEOLOGIE	Echantillon No	de	à	L.	Analyses Au	Ag	Cu	Zn		
		(2) 1" qtz bled at 681, with 3% py, over 3" before	1798	680	682	2	.02					
		med. gr. meta diorite: 713,6-717, 718,8-722,4										
722,4	730,3	Microdiorite as described, feldspar phenos.										
730,3	750	Granitic gneiss, massive, med gr, orange to brown										
		meta diorite 733-735,1										
		basic inclusions 735,1-740, 741,2(9"), 746,7-748										
		qtz bleb 741,9-742,5, tr py.	1799	741,5	742,5	1	.01					
		End (750')										