GM 47617

DIAMOND DRILL LOG, LA GAUCHETIERE (P-1434) PROPERTY

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H-1434-001

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DIAMOND DRILL LOG

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Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellow Star	Claim #:	441976-1	Coordinates:	7+20E , 26+25S NTM
Azimuth:	247 degrees	Dip:	-50 degrees	Length:	200 meters
Logged By:	D.Trudel	Casing:	BQ (in/10m NW; 14m BW)	Elevation:	Surface
Date Started:	Sept. 26 1987	Date Completed:	Sept. 30 1987	Date Logged:	Nov. 12 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 1987	Drill Company:	Bradley Bros.
Overburden:	42.78 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	43 m		-50 deg.
# 2.	125 m		-50 deg.
# 3.	200 m		-51 deg.

Purpose

To intersect 2 air mag lineaments(1:50000)
and 2 air mag lineaments(1:10000).

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	42.8	OVERBURDEN		
42.8	200.0	GRANIT TO ALKALI-GRANIT	Pyrite (tr% very fine)	Hematite (weak in fract) Epidote (weak in fract) Carbonate (weak in fract) Chlorite (weak in factu)
	200.0	END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	42.8	OVERBURDEN												
42.8	200.0	GRANIT TO ALKALI-GRANIT												
		Mottled Pink to Light-Grey : This unit are homogeneous with a variable percentage of K feldspar.	28776	43.50	45.00	1.50	0.040							
			28777	83.00	84.50	1.50	nil							
		Medium Grained												
		Lower Contact E.O.H.	28778	91.50	93.00	1.50	nil							
		tr-1% Quartz Veining at 30-45 Deg. Cax. -- Avg. Width 1-5mm	28779	93.00	94.50	1.50	nil							
		Pyrite: tr% very fine grain disseminated	28780	94.50	96.00	1.50	nil							
		Hematite Alteration: weak in fracture	28781	96.00	97.50	1.50	nil							
		Epidote Alteration: weak in fracture (.5-1mm) at random angle and affecting in minor way feldspar.												
		Carbonate Alteration: weak in fracture(.5-1mm) at random angle.												
		Chlorite Alteration: weak in facture(.5-1mm)and associated at quartz veinlets.												
		Non Magnetic												
		Non Conductive												
		This unit contain in average 30-40% of k-feldspar.												
		It contain locally some porphiry(1-8cm) with a mafic composition. Some porphiry are magnetic.												
		43.87-444.42 Diorite dyke dark green to black. Chlorite alteration is moderate to strong and pervasive.												
		No mineralisation. The upper and lower contact are at 45 deg CAX.												
		83.41-83.80;96.21-96.47 Fault gouge												
		98.5-104.5 K-feldspars 10-15%.												
		144.58-144.72 Diorite dyke same as												
		169.73-174.16 10-15% k-feldspars.												
		----------Sub Units----------												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0		SAMPLE INTERVALS												
		Fire Assay Samples : 28776 to 28797 Lithogeochem Samples: 01-01 to 01-16												
200.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
01-01	42.75	53.00	10.25	nil	nil	nil						3		9									1.2								31
01-02	53.00	63.00	10.00	6	nil	nil						3		10									nil								25
01-03	63.00	73.00	10.00	nil	nil	nil						2		8									nil								23
01-04	73.00	83.00	10.00	nil	nil	nil						3		7									2.1								23
01-05	83.00	93.00	10.00	nil	nil	nil						7		7									1.5								25
01-06	93.00	103.00	10.00	nil	nil	nil						3		8									nil								23
01-07	103.00	113.00	10.00	nil	nil	nil						3		5									0.9								23
01-08	113.00	123.00	10.00	nil	nil	nil						4		14									nil								28
01-09	123.00	133.00	10.00	nil	nil	nil						5		9									nil								25
01-10	133.00	143.00	10.00	nil	nil	nil						2		8									0.9								23
01-11	143.00	153.00	10.00	nil	nil	nil						3		9									1.7								22
01-12	153.00	163.00	10.00	nil	nil	nil						3		6									nil								22
01-13	163.00	173.00	10.00	nil	nil	nil						4		7									0.8								25
01-14	173.00	183.00	10.00	nil	nil	6						8		6									nil								27
01-15	183.00	193.00	10.00	nil	nil	nil						3		5									1.2								24
01-16	193.00	200.00	7.00	nil	nil	nil						3		6									nil								20

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28776	43.50	45.00	1.50	granite and diorite dyke
28777	83.00	84.50	1.50	granite; fault gouge and epidote alteration
28778	91.50	93.00	1.50	granite with hematite alteration
28779	93.00	94.50	1.50	granite
28780	94.50	96.00	1.50	granite
28781	96.00	97.50	1.50	granite and fault gouge
28782	118.50	120.00	1.50	granite with a hematite and epidote alteration
28783	134.00	135.50	1.50	granite with hematite alteration
28784	135.50	137.00	1.50	same as above
28785	144.00	145.50	1.50	granite and diorite dyke
28786	162.00	163.50	1.50	granite with hematite and epidote alteration; trace pyrite
28787	163.50	165.00	1.50	granite with chlorite alteration; trace pyrite
28788	165.00	166.50	1.50	same as above
28789	166.50	168.00	1.50	same as above
28790	173.00	174.50	1.50	granite; trace pyrite
28791	174.50	176.00	1.50	granite; trace pyrite
28792	176.00	177.50	1.50	same as above
28793	177.50	179.00	1.50	same as above

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28794	180.00	180.85	0.85	granite
28795	180.85	181.85	1.00	diorite dyke
28796	181.85	182.54	0.69	diorite dyke
28797	182.54	183.54	1.00	granite
01-01	42.75	53.00	10.25	granite and diorite dyke
01-02	53.00	63.00	10.00	granite
01-03	63.00	73.00	10.00	granite
01-04	73.00	83.00	10.00	granite
01-05	83.00	93.00	10.00	granite
01-06	93.00	103.00	10.00	granite
01-07	103.00	113.00	10.00	granite
01-08	113.00	123.00	10.00	granite
01-09	123.00	133.00	10.00	granite
01-10	133.00	143.00	10.00	granite
01-11	143.00	153.00	10.00	granite
01-12	153.00	163.00	10.00	granite
01-13	163.00	173.00	10.00	granite
01-14	173.00	183.00	10.00	granite and diorite dyke

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
01-15	183.00	193.00	10.00	granite
01-16	193.00	200.00	7.00	granite

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H-1434-002

01-05-1987::11:26

DIAMOND DRILL LOG

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Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	442010-5	Coordinates:	29+80E , 7+85S NTM
Azimuth:	360 degrees	Dip:	-50 degrees	Length:	199 meters
Logged By:	Alain Chevalier	Casing:	Bq (34m.BW;22m.NW)	Elevation:	Surface
Date Started:	Sept. 27 1987	Date Completed:	Oct. 01 1987	Date Logged:	Nov. 15 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 16 1987	Drill Company:	Bradley Bros.
Overburden:	65 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	64 m		-48 deg.
# 2.	127 m		-50 deg.
# 3.	199 m		-50 deg.

Purpose

Intersect 2 air mag lineament (1:10000) and a possible contact between intermediate flow and intrusive.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	65.0	OVERBURDEN		
65.0	199.0	K FELDSPAR GRANITE	Pyrite (tr-1% dissemi)	Carbonate (as veinlets i) Chlorite (as veinlets i) Hematite (as veinlets i)
	199.0	END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	65.0	OVERBURDEN												
65.0	199.0	K FELDSPAR GRANITE												
		Mottled Light-Grey to Purple	29154	74.87	75.77	0.90	0.04							
		-: This unit are mainly composed of granite rich in K feldspar.	29155	75.77	76.55	0.78	nil							
			29156	76.55	77.55	1.00	nil							
		-: Contain 1-2% of mafic fragments (3mm-1cm) 50% of these are magnetic.	29157	102.95	103.95	1.00	nil							
		-: Quartz 20-25% of the composition have a smokey colour.	29158	103.95	104.38	0.43	nil							
		Medium to Coarse Grained	29159	104.38	105.38	1.00	nil							
		Lower Contact E.O.H.												
		tr-1% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-2mm	29160	126.30	127.30	1.00	0.13							
		Pyrite: tr-1% disseminated grains (1-1.5mm)	29161	148.62	149.62	1.00	nil							
		Carbonate Alteration: as veinlets in fracture (1-1.5mm).	29162	149.62	151.09	1.47	nil							
		Chlorite Alteration: as veinlets in fracture (.5-1mm)	29163	151.09	152.09	1.00	nil							
		Hematite Alteration: as veinlets in fracture (.5-1mm)												
		Non Magnetic	29164	174.23	175.23	1.00	nil							
		Non Conductive	29165	175.23	175.85	0.62	nil							
			29166	175.85	176.86	1.01	nil							
		64-68 Surface alteration (percolation alteration) tr-1% of mafic fragments (1cm-5cm).												
		75.77-76.35 Mafic dyke of gabbroic origin 5-10% of K feldspar grains (1-3mm).												
		103.95-104.38 Zone quartz and feldspar rich 1-5% K feldspar grains.												
		122.25-122.4 Breccia fragments have a granitic composition (brecciated in situ) in a mafic gangue.Fragments are sub-angular (2mm-1cm).												
		126.3-126.45 Dyke intermediate of gabbroic composition 5-10% of K feldspar grains (1-3mm)												
		149.67-151.09 Intermediate to mafic dyke with 10-15% k feldspar in grains (1-2mm) U.C. 75 deg. cax. L.C. 45 deg.												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		cax. 175.23-175.29;175.75-175.86 Mafic zone of gabbroic composition 5-10% k feldspar grains (1-3mm). ----------Sub Units----------												
0.0		SAMPLE INTERVALS Fire Assay Samples : 29154 to 29166 Lithogeochem Samples: 02-01 to 02-10												
199.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
02-01	65.00	78.40	13.40	nil	nil	nil						1		nil									1.3								27
02-02	78.40	91.80	13.40	nil	nil	nil						1		5									nil								24
02-03	91.80	105.20	13.40	nil	nil	nil						8		9									1.7								25
02-04	105.20	118.60	13.40	nil	nil	nil						4		5									0.8								25
02-05	118.60	132.00	13.40	nil	nil	nil						4		6									nil								27
02-06	132.00	145.40	13.40	nil	nil	nil						2		6									0.7								21
02-07	145.40	158.80	13.40	2	nil	nil						3		6									3.5								19
02-08	158.80	172.20	13.40	nil	7	nil						2		5									1.9								21
02-09	172.20	185.60	13.40	nil	nil	nil						4		6									1.6								20
02-10	185.60	199.00	13.40	nil	nil	nil						22		6									1.5								21

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29154	74.87	75.77	0.90	Granite quartz rich
29155	75.77	76.55	0.78	Intermediate to mafic dyke; granite.
29156	76.55	77.55	1.00	Granite k-feldspar rich.
29157	102.95	103.95	1.00	'' '' ''
29158	103.95	104.38	0.43	Granite quartz rich.
29159	104.38	105.38	1.00	Granite k-feldspar rich.
29160	126.30	127.30	1.00	'' '' '' ''
29161	148.62	149.62	1.00	Granite k-feldspar rich.
29162	149.62	151.09	1.47	Dioritic dyke; 5-10% K-feldspar.
29163	151.09	152.09	1.00	Granite k-feldspar rich.
29164	174.23	175.23	1.00	'' '' ''
29165	175.23	175.85	0.62	Granite quartz rich
29166	175.85	176.86	1.01	Granite k-feldspar rich.
02-01	65.00	78.40	13.40	K-feldspar granite.
02-02	78.40	91.80	13.40	'' '' ''
02-03	91.80	105.20	13.40	'' '' ''
02-04	105.20	118.60	13.40	'' '' ''
02-05	118.60	132.00	13.40	'' '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
02-06	132.00	145.40	13.40	'' '' ''
02-07	145.40	158.80	13.40	'' '' ''
02-08	158.80	172.20	13.40	'' '' ''
02-09	172.20	185.60	13.40	'' '' ''
02-10	185.60	199.00	13.40	'' '' ''

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H-1434-003

12-10-1987::17:07

DIAMOND DRILL LOG

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Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Yellowstar Resources	Claim #:	441994-4	Coordinates:	9+20E , 43+35S MTM
Azimuth:	334 degrees	Dip:	-50 degrees	Length:	225 meters
Logged By:	Alain Chevalier	Casing:	In 16mNW 22mBW	Elevation:	Surface
Date Started:	Oct. 1 1987	Date Completed:	Oct. 6 1987	Date Logged:	Oct. 31 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 2 1987	Drill Company:	Bradley Bros.
Overburden:	58 meters				

Iropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	58 m		-50 deg.
# 2.	125 m		-50 deg.
# 3.	225 m		-51 deg.

Purpose

Intersect 2 air mag lineament (1:10000) in a linear mag. zone.

Conclusions

From 102-107.87 10-15% pyrrhotite in a silicified gabbro.110.1-110.44 5-10% pyrite in a silicified gabbro. 111.52-111.83 we intersect a brecciated zone.
112.3-112.5 Highly fractured zone. 113-113.7 5-10% pyrite disseminated and in veinlets. 222.12-225 Moderately to highly silicified zone.

Recommendations

If assay give good result further drilling are recommend to extent this zone.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	58.0	OVERBURDEN		
58.0	230.0	GABBRO	Pyrite (1-2% as veinl) Magnetite (5-10% fine gr)	Chlorite (moderate as p) Leucoxene (weak to moder)
	230.0	END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	58.0	OVERBURDEN												
58.0	230.0	GABBRO												
		Dark Grey-Green to Green	28840	65.20	66.20	1.00	0.05							
		-: This unit are a gabbro moderately silicified give a	28841	66.20	67.20	1.00	nil							
		moderate hardness.	28842	67.20	68.20	1.00	nil							
		Fine to Medium Grained	28843	68.20	69.20	1.00	0.10							
		Lower Contact	28844	69.20	70.20	1.00	0.03		2180					
		1-2% Quartz-Carbonate Veining r-45 deg. -- Avg. Width 1-2mm												
		Pyrite: 1-2% as veinlets (1-3mm) and as grains	28845	74.00	75.00	1.00	nil							
		disseminated.	28846	75.00	76.00	1.00	nil							
		Magnetite: 5-10% fine grain disseminated all along the	28847	76.00	77.00	1.00	nil							
		unit.	28848	77.00	78.00	1.00	nil							
		Chlorite Alteration: moderate as pervasive and high as	28849	78.00	79.00	1.00	nil							
		veinlets (1-4mm) or filled fracture.												
		Leucoxene Alteration: weak to moderate as flecks (1-2mm).	28850	82.29	83.29	1.00	nil							
		Strongly Magnetic	28851	83.29	84.29	1.00	nil							
		Non Conductive	28852	84.29	85.29	1.00	nil							
			28853	85.29	86.74	1.45	nil							
		86.22-92.72 Gabbro biotite rich (20-25%) 1-5% pyrite 1-2%	28854	86.74	87.24	0.50	nil							
		pyrrhotite fine grain moderately chloritised as pervasive.	28855	87.24	87.74	0.50	nil							
		(86.74-87.74) Gabbro porphyritic 5-10% quartz porphyries	28856	87.74	88.74	1.00	nil							
		(1-3mm)	28857	88.74	89.74	1.00	nil							
		102-107.87 Gabbro silicified 10-15% pyrrhotite in veins	28858	89.74	90.74	1.00	nil							
		(1-7mm) and disseminated.	28859	90.74	91.74	1.00	0.12							
		109-110.1 Gabbro silicified 10-15% feldspar 1-5% quartz	28860	91.74	92.72	0.98	nil							
		eyes average width (1-4mm) trace of hematite.	28861	92.72	93.72	1.00	nil							
		110.1-110.44 Gabbro silicified 5-10% pyrite fine grains	28862	93.72	94.85	1.13	nil							
		disseminated.	28863	94.85	95.85	1.00	nil							
		111.52-111.83 Breccia 10-15% fragments (1-5mm) sub angular	28864	95.85	96.85	1.00	nil							
		of feldspar and mafic origin.	28865	96.85	97.85	1.00	nil							
		111.83-112.57 Gabbro silicified medium to coarse grain	28866	97.85	98.85	1.00	nil							
		10-15% quartz veining (1-3mm)												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		(112.3-112.5) Highly fractured core (blocky).	28867	100.00	101.00	1.00	nil							
		113-113.7 5-10% pyrite disseminated and in fracture (1-2mm).												
		115.61-128.5 Gabbro silicified 1-2% pyrite and pyrrhotite fine grain disseminated.												
		138.6-140.76 Gabbro silicified 1-5% pyrrhotite in veinlets	28868	101.00	102.00	1.00	nil							
		(1-2mm) and disseminated as fine grains.	28869	102.00	103.00	1.00	nil							
		151.51-153 Gabbro silicified 1-5% pyrrhotite 1-2% pyrite as	28870	103.00	104.00	1.00	nil							
		fine grains.	28871	104.00	105.00	1.00	nil							
		155-156 Gabbro silicified 1-5% pyrite 1-2% pyrrhotite fine	28872	105.00	106.00	1.00	nil							
		grains.	28873	106.00	107.00	1.00	nil							
		(155-155.45) Gabbro silicified moderately carbonatised	28874	107.00	107.87	0.87	nil							
		chloritised 1-5% quartz veining 1-5% pyrite and pyrrhotite	28875	107.87	109.00	1.13	nil							
		as fine grains.	28876	109.00	109.51	0.51	nil							
		156.97-159.29 Diorite middle green fine grain possibly a	28877	109.51	110.10	0.59	0.14							
		dyke 5-10% quartz veinlets at random angle.	28878	110.10	110.44	0.34	nil							
		(157.75-158.62) highly sericitised zone moderately to												
		highly brecciated in situ 1-2% veinlets with fragments	28879	111.83	112.50	0.67	nil							
		sub-angular same origin as zone.	28880	112.50	113.00	0.50	0.04							
		162.69-162.98 Quartz chlorite vein 1-2% pyrite disseminated	28881	113.00	113.78	0.78	nil							
		in it as fine grains.	28882	113.78	115.00	1.22	nil							
		174.21-174.43 Carbonatised hematised vein trace pyrite.	28883	115.00	116.00	1.00	nil							
		185.07-185.77 Moderately to highly sericitised zone 20-25%	28884	116.00	117.00	1.00	nil							
		quartz vein at random angles.	28885	117.00	118.00	1.00	nil							
		. (185.07-185.42) Sericitised zone with quartz vein and												
		5-10% fuschite as flecks (1-3mm) trace pyrite.	28886	119.10	120.00	0.90	nil							
		.	28887	120.00	121.00	1.00	nil							
		185.77-211 Gabbro silicified with 10-15% quartz grains and												
		eyes fine grain (1-3mm) .	28888	126.90	128.00	1.10	0.04							
		(210.47-210.55;210.53-210.61) Chlorite carbonate vein .	28889	128.00	129.00	1.00	nil							
		219.16-219.32 Granodiorite fine to medium grained 1-5%												
		quartz veinlets (1-5mm).	28890	133.00	134.00	1.00	nil							
		222.12-223.53 Gabbro highly silicified 5-10% quartz eyes	28891	134.00	135.00	1.00	nil							
		(1-5mm).												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Sub Units												
		SAMPLE INTERVALS												
			28892	140.00	141.00	1.00	nil							
		Fire Assay Samples : 28840 to 28915												
		Lithogeochem Samples: 03-01 to 03-17	28893	146.00	147.00	1.00	nil							
		Lithogeochem Samples Analysed for Ag; As; Au; Cu; Pb; Sb; Zn	28894	147.00	148.00	1.00	nil							
			28895	151.50	152.50	1.00	nil							
			28896	154.00	155.00	1.00	nil							
			28897	155.00	155.45	0.45	nil							
			28898	155.45	156.00	0.55	nil							
			28899	156.00	157.00	1.00	nil							
			28900	157.00	157.45	0.45	nil							
			28901	157.45	158.62	1.17	nil							
			28902	158.62	159.29	0.67	nil							
			28903	173.00	174.50	1.50	nil							
			28904	184.00	185.07	1.07	nil							
			28905	185.07	185.77	0.70	nil							
			28906	185.77	186.77	1.00	nil							
			28907	197.00	198.00	1.00	0.03		150					
			28908	198.00	199.00	1.00	nil		132					

From (m)	To (m)	Description
230.0		END OF HOLE.

Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
28909	199.00	200.00	1.00	nil		165					
28910	206.00	207.00	1.00	0.08		860					
28911	210.47	211.00	0.53	nil							
28912	218.00	219.50	1.50	nil							
28913	221.00	222.12	1.12	nil							
28914	222.12	223.53	1.41	nil							
28915	223.53	224.53	1.00	nil							

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
03-01	58.00	68.65	10.65	1	5	nil						68		6									nil								56
03-02	68.65	79.30	10.65	nil	nil	11						139		6									nil								53
03-03	79.30	89.94	10.64	nil	nil	15						56		12									nil								61
03-04	89.94	100.59	10.65	nil	nil	nil						72		9									nil								41
03-05	100.59	111.24	10.65	nil	nil	nil						129		6									nil								37
03-06	111.24	121.89	10.65	nil	nil	8						111		5									nil								43
03-07	121.89	132.53	10.64	nil	5	nil						42		8									nil								56
03-08	132.53	143.18	10.65	nil	nil	9						33		7									nil								71
03-09	143.18	153.83	10.65	nil	nil	9						90		8									nil								51
03-10	153.83	164.48	10.65	3	nil	14						201		4									nil								72
03-11	164.48	175.12	10.64	nil	nil	10						110		8									nil								49
03-12	175.12	185.77	10.65	nil	nil	nil						63		14									nil								61
03-13	185.77	194.18	8.41	1	nil	nil						113		9									nil								41
03-14	194.18	202.59	8.41	10	nil	8						191		4									nil								35
03-15	202.59	211.00	8.41	8	nil	6						60		nil									nil								31
03-16	211.00	220.50	9.50	nil	nil	nil						63		6									nil								42
03-17	220.50	230.00	9.50	nil	nil	nil						67		nil									nil								40

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28840	65.20	66.20	1.00	Gabbro moderately silicified and chloritised 5-10% magnetite 1-2% pyrite.
28841	66.20	67.20	1.00	'' ''
28842	67.20	68.20	1.00	'' ''
28843	68.20	69.20	1.00	'' ''
28844	69.20	70.20	1.00	'' '' +1-5% cpy 1-2% py. (AU+CU)
28845	74.00	75.00	1.00	'' +1-2% py. .
28846	75.00	76.00	1.00	'' '' .
28847	76.00	77.00	1.00	'' '' '' .
28848	77.00	78.00	1.00	'' '' +tr po.
28849	78.00	79.00	1.00	'' '' ''' '' .
28850	82.29	83.29	1.00	'' '' '' +1-2% py. 5-10% qtz veining.
28851	83.29	84.29	1.00	'' '' without qtz veining.
28852	84.29	85.29	1.00	'' '' without qtz veining
28853	85.29	86.74	1.45	'' '' without qtz veining.
28854	86.74	87.24	0.50	'' '' without qtz veining
28855	87.24	87.74	0.50	Gabbro porphyritic in quartz 1-2% pyrite.
28856	87.74	88.74	1.00	Gabbro moderately chloritised 1-2% pyrrhotite pyrite 10-15% biotite.
28857	88.74	89.74	1.00	''' '' '' .

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28858	89.74	90.74	1.00	'' ''' ''' '',
28859	90.74	91.74	1.00	''' ''' ''',
28860	91.74	92.72	0.98	'' ''' '',
28861	92.72	93.72	1.00	Gabbro moderately chloritised tr po. 1-2% py. 10-15% biotite.
28862	93.72	94.85	1.13	'' ''' '',
28863	94.85	95.85	1.00	Gabbro moderately chloritised 5-10% po.1 2% py. 10-15% biotite.
28864	95.85	96.85	1.00	'' '',
28865	96.85	97.85	1.00	'' ''
28866	97.85	98.85	1.00	''' '''
28867	100.00	101.00	1.00	Gabbro moderately chloritised 1-2% py.
28868	101.00	102.00	1.00	''' ''',
28869	102.00	103.00	1.00	Gabbro moderately silicified 1-5% pyrrhotite.
28870	103.00	104.00	1.00	Gabbro moderately silicified 5-10% pyrrhotite.
28871	104.00	105.00	1.00	'' '' '',
28872	105.00	106.00	1.00	'' ''' '',
28873	106.00	107.00	1.00	'' ''' '',
28874	107.00	107.87	0.87	Gabbro moderately silicified 5-10% po. 1-2% py.
28875	107.87	109.00	1.13	Gabbro moderately silicified 1-5% po. tr py.

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28876	109.00	109.51	0.51	Granodiorite trace of pyrite.
28877	109.51	110.10	0.59	'' '' ''
28878	110.10	110.44	0.34	Gabbro silicified 1-5% pyrite.
28879	111.83	112.50	0.67	Gabbro 5-10% quartz veining.
28880	112.50	113.00	0.50	Gabbro 1-5% quartz eyes.
28881	113.00	113.78	0.78	Gabbro 1-5% pyrite.
28882	113.78	115.00	1.22	Gabbro silicified 1-5% pyrite trace po.
28883	115.00	116.00	1.00	Gabbro silicified 1-2% pyrite pyrrhotite.
28884	116.00	117.00	1.00	''' ''' '''
28885	117.00	118.00	1.00	'' '''
28886	119.10	120.00	0.90	Gabbro silicified 1-5% pyrite as veinlets (1-2mm).
28887	120.00	121.00	1.00	'' 1-5% po. '''
28888	126.90	128.00	1.10	'' 1-5% po. ''' ''
28889	128.00	129.00	1.00	'' 1-2% po. ''' ''
28890	133.00	134.00	1.00	'' 1-5% po. '' '''
28891	134.00	135.00	1.00	'' 1-2% po. '' '' ''
28892	140.00	141.00	1.00	'' 1-5% po. '' ''
28893	146.00	147.00	1.00	'''''''' 1-2% po. tr-1% py. '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28894	147.00	148.00	1.00	'' 1-5% po. '' ''
28895	151.50	152.50	1.00	'' 1-5% py. '' ''
28896	154.00	155.00	1.00	'' 1-5% po. 1-2% py. '' ''
28897	155.00	155.45	0.45	Gabbro chloritised carbonatised 1-5%po. 1-2%py.
28898	155.45	156.00	0.55	Gabbro silicified 1-2% py.
28899	156.00	157.00	1.00	Gabbro silicified 1-2% py
28900	157.00	157.45	0.45	Diorite silicified 1-5% quartz veinlets
28901	157.45	158.62	1.17	Sericitised zone 1-2% pyrite.
28902	158.62	159.29	0.67	Diorite silicified
28903	173.00	174.50	1.50	Gabbro silicified 1-2% po. 5-10% magnetite.
28904	184.00	185.07	1.07	Gabbro silicified tr-1% pyrite.
28905	185.07	185.77	0.70	Sericitised zone + quartz veining +trace of fuschite.
28906	185.77	186.77	1.00	Gabbro silicified tr pyrite.
28907	197.00	198.00	1.00	Gabbro silicified tr pyrite tr chalcopyrite. (AU+CU)
28908	198.00	199.00	1.00	Gabbro silicified trace pyrite 1-2% chalcopyrite. (AU+CU)
28909	199.00	200.00	1.00	'' '' '' (AU+CU)
28910	206.00	207.00	1.00	Gabbro silicified tr-1% pyrite 1-2% chalcopyrite.(AU+CU)
28911	210.47	211.00	0.53	Gabbro silicified tr-1% pyrite.

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28912	218.00	219.50	1.50	Gabbro silicified 1-2% pyrrhotite
28913	221.00	222.12	1.12	Gabbro silicified trace pyrite.
28914	222.12	223.53	1.41	Gabbro highly silicified trace pyrite.
28915	223.53	224.53	1.00	Gabbro highly silicified trace pyrite.
03-01	58.00	68.65	10.65	Gabbro
03-02	68.65	79.30	10.65	''
03-03	79.30	89.94	10.64	''
03-04	89.94	100.59	10.65	''
03-05	100.59	111.24	10.65	''
03-06	111.24	121.89	10.65	''
03-07	121.89	132.53	10.64	''
03-08	132.53	143.18	10.65	''
03-09	143.18	153.83	10.65	''
03-10	153.83	164.48	10.65	''
03-11	164.48	175.12	10.64	''
03-12	175.12	185.77	10.65	''
03-13	185.77	194.18	8.41	Gabbro silicified.
03-14	194.18	202.59	8.41	''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
03-15	202.59	211.00	8.41	''
03-16	211.00	220.50	9.50	Gabbro
03-17	220.50	230.00	9.50	''

LES EXPLORATIONS NORAMCO INC. H-1434-004

01-14-1988::13:20 DIAMOND DRILL LOG

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	44200-2	Coordinates:	40+25E , 29+30E MTM
Azimuth:	314 degrees	Dip:	-50 deg. degrees	Length:	193 meters
Logged By:	Alain Chevalier	Casing:	Bq	Elevation:	Surface
Date Started:	Oct. 3 1987	Date Completed:	Oct. 6 1987	Date Logged:	Nov. 1 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 6 1987	Drill Company:	Bradley Bros.
Overburden:	47 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	46 m		-50 deg.
# 2.	125 m		-50 deg.
# 3.	193 m		-50 deg.

Purpose

Intersect 3 air mag lineament (1:10000) and one lineament mag (1:50000)
In a linear mag region.

Conclusions

This hole intersect contact between intermediate to felsic flow and a gabbroic intrusion.
From 55.68-73.06 Intermediate flow with 5-10% mafic fragments can be a brecciated in situ flow or a flow top breccia.
73.06-90.79 Intermediate to felsic flow 15-20% quartz carbonate veining. 75.67-76.03 Highly sericitised and schistosed zone.

Recommendations

If good assay results are obtained further drilling are recommend to extent this zone.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	47.0	OVERBURDEN		
47.0	119.7	INTERMEDIATE TO FELSIC FLOW (PORPHYRITIC)	Pyrite (trace dissemi)	Silica (moderate as p) Chlorite (weak as perva)
55.7	73.1	INTERMEDIATE FLOW	Pyrite (1-2% as disse)	Chlorite (moderate affe) Silica (moderate affe)
73.1	90.8	INTERMEDIATE TO FELSIC FLOW (PORPHYRITIC)	Pyrite (trace-1%)	Silica (moderate as p) Carbonate (weak as veinl)
119.7	193.0	GABBRO-DIORITE	Pyrite (trace dissemi)	Chlorite (weak to moder) Carbonate (weak as perva)
	193.0	END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	47.0	OVERBURDEN												
47.0	119.7	**INTERMEDIATE TO FELSIC FLOW (PORPHYRITIC)**												
		Dark Grey to Grey-Green	28916	54.68	55.68	1.00	nil							
		-: The unit have an intermediate to felsic composition with variable amount												
		-: amount (5-15%) of feldspar porphyries.												
		Fine to Medium Grained												
		Lower Contact												
		5-10% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-3mm												
		Pyrite: trace disseminated as fine grains.												
		Silica Alteration: moderate as pervasive and as veinlets (1-2mm)												
		Chlorite Alteration: weak as pervasive.												
		Moderately Magnetic												
		Non Conductive												
		47-55.68 Intermediate to felsic flow with 20-25% feldspar porphyries (1-7mm) hypidiomorphic.												
		Sub Units												
		55.7 73.1 **INTERMEDIATE FLOW**												
		Dark Grey-Green to Green	28917	55.68	56.68	1.00	nil							
		-: This unit contain 5-10% mafic fragments moderately silicified (1-7cm).	28918	56.68	57.68	1.00	nil							
		Fine to Medium Grained	28919	62.00	63.00	1.00	nil							
		Upper Contact at 45 deg. Deg. Cax.	28920	63.00	64.00	1.00	nil							
		Lower Contact gradual marked with the desperation of the fragments.	28921	71.00	72.00	1.00	nil							
		1-2% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-2mm	28922	72.00	73.00	1.00	nil							
			28923	73.00	74.00	1.00	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Pyrite: 1-2% as disseminated grains.												
		Chlorite Alteration: moderate affect mainly the intermediate volcanic.												
		Silica Alteration: moderate affecting the fragment.												
		Non Magnetic												
		Non Conductive												
		55.68-61.7 20-25% fragments mafic silicified in an intermediate volcanic gangue can be a flow top breccia.												
		73.1 90.8 INTERMEDIATE TO FELSIC FLOW (PORPHYRITIC)												
		Dark Grey to Light-Grey	28924	74.00	75.17	1.17	nil							
		-: This sub-unit as the same composition than the main unit except 15-20% quartz veinlets.	28925	75.17	76.03	0.86	nil							
			28926	76.03	77.03	1.00	nil							
		-: 1-2% carbonatised epidotised and silicified veins (5-10cm) crosscut the sub-unit at random angle.	28927	77.03	77.80	0.77	nil							
			28928	77.80	78.80	1.00	nil							
		Fine to Medium Grained	28929	78.80	79.31	0.51	nil							
		Upper Contact gradual	28930	79.31	80.31	1.00	nil							
		Lower Contact gradual	28931	80.31	81.31	1.00	nil							
		15-20% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-5mm	28932	81.31	82.00	0.69	nil							
		Pyrite: trace-1%	28933	99.87	100.87	1.00	nil							
		Silica Alteration: moderate as pervasive and as veinlets	28934	100.87	101.87	1.00	nil							
		Carbonate Alteration: weak as veinlets (1-2mm)	28935	101.87	102.87	1.00	nil							
			28936	102.87	103.80	0.93	nil							
		75.17-76 Highly carbonatised and moderately sericitised zone .	28937	103.80	104.80	1.00	nil							
		. (75.67-76.03) Highly sericitised and moderately schistosed zone (45cax.)	28938	109.40	110.40	1.00	0.18							
			28939	110.40	111.40	1.00	nil							
		. (78.8-79.31);(81.52-82) Veins carbonatised moderately epidotised and for 81.52-82 5-10% K feldspar are visible.	28940	116.95	117.95	1.00	0.03							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		87.43-100.87 Intermediate to felsic flow weakly to moderately magnetic.	28941	117.95	118.47	0.52	0.16							
			28942	118.47	119.74	1.27	0.13							
		100.87-103.8 10-15% hematised veinlets (1-3mm) at random cax. moderately magnetic.												
		117.95-119.74 Contact zone between volcanic and intrusive. Moderately to highly schistosed (45-50 deg.cax.). Moderately to highly sericitised. Contain 5-10% pyrite 1-2% quartz veinlets (1-5mm) sub-parallel to the schistosity.												
119.7	193.0	**GABBRO-DIORITE**												
		Dark Grey-Green to Light-Grey	28943	119.74	120.74	1.00	0.05							
		-: The unit consist of massive gabbro with dyke or pass of intermediate to felsic volcanics.	28944	120.74	121.74	1.00	nil							
		Fine to Medium Grained	28945	124.34	125.34	1.00	0.04							
		Lower Contact E.O.H.												
		1-5% Quartz-Carbonate Veining at Random Angles -- Avg.	28946	134.17	135.17	1.00	0.06							
		Width 1-2mm	28947	135.17	135.69	0.52	0.06							
		Pyrite: trace disseminated.	28948	135.69	136.69	1.00	nil							
		Chlorite Alteration: weak to moderate as pervasive and as porphyroblasts highly chloritised (1-3mm)	28949	154.62	155.62	1.00	nil							
		Carbonate Alteration: weak as pervasive and as veinlets.	28950	155.62	156.31	0.69	nil							
		Non Magnetic	28951	156.31	157.28	0.97	nil							
		Non Conductive	28952	157.28	158.28	1.00	nil							
			28953	158.28	159.28	1.00	nil							
		119.74-123.8 Zoned gabbroic dyke or diabase growing grains	28954	159.28	160.28	1.00	nil							
		size from lower and upper contacts (85 deg.cax.) 25-30%	28955	160.28	161.28	1.00	nil							
		feldspar needle	28956	161.28	162.28	1.00	nil							
		oriented at random angle 5-10% saussuritised feldspar	28957	162.28	163.30	1.02	nil							
		grains. Weakly to moderately hematised as pervasive and as veinlets (1-3mm).	28958	163.30	164.30	1.00	nil							
		135.17-139.72 Dyke of intermediate to felsic flow	28959	173.73	174.73	1.00	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		interdigitated or dyke? Contain 10-15% feldspar porphyry (1-3mm) mainly saussurritised and hypidiomorphic.	28960	174.73	175.73	1.00	nil							
		1-5% pyrite in veinlets (1-4mm). Upper contact and lower contact are clear at 90 deg.cax.	28961	181.86	182.86	1.00	nil							
		. (135.17-135.69) Zone bleached moderately carbonatised and chloritised 5-10% fuschite or epidote? in flecks (1-2mm). 5-10% quartz veining (1-7mm).	28962	190.55	191.55	1.00	nil							
			28963	191.55	193.00	1.45	nil							
		135.53-163.98 same as 135.17-139.72 except silicification weak.												
		. (135.53-155.85) Gabbro coarse grain moderately to highly chloritised. ((155.62-155.85)) 50% quartz vein 50% gabbro fragment sub-angular												
		10-15% fuschite fleck (1-2mm) in it.												
		(163.3-163.98) moderately to highly silicified volcanics can be contact zone.												
		191.55-193 Moderately to highly silicified gabbro or volcanic felsic coarse grains.												
		----------Sub Units----------												
		SAMPLE INTERVALS												
		Fire Assay Samples : 28916 to 28963												
		Lithogeochem Samples: 04-01 to 04-16												
193.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
04-01	47.00	55.68	8.68	25	nil	nil						39		4									nil								28
04-02	55.68	64.37	8.69	15	nil	nil						42		6									0.7								25
04-03	64.37	73.06	8.69	12	nil	nil						50		5									0.7								28
04-04	73.06	81.93	8.87	10	nil	nil						73		4									nil								36
04-05	81.93	90.79	8.86	5	nil	nil						17		5									nil								37
04-06	90.79	100.43	9.64	48	nil	nil						25		9									nil								33
04-07	100.43	110.06	9.63	31	nil	nil						24		9									nil								46
04-08	110.06	119.74	9.68	12	nil	nil						53		7									nil								38
04-09	119.74	123.80	4.06	3	nil	nil						57		5									nil								58
04-10	123.80	135.17	11.37	1	nil	nil						39		5									nil								30
04-11	135.17	139.72	4.55	nil	nil	nil						49		10									nil								27
04-12	139.72	150.38	10.66	1	nil	nil						61		6									nil								33
04-13	150.38	161.03	10.65	9	nil	nil						156		4									nil								30
04-14	161.03	171.69	10.66	nil	6	8						42		8									nil								27
04-15	171.69	182.34	10.65	1	9	6						34		8									0.9								32
04-16	182.34	193.00	10.66	nil	5	nil						30		nil									nil								39

Sample No.	From (m)	To (m)	Width (m)	---------Remarks----------
28916	54.68	55.68	1.00	Intermediate to felsic flow porphyritic trace pyrite.
28917	55.68	56.68	1.00	Intermediate to felsic flow porphyritic brecciated tr py tr po
28918	56.68	57.68	1.00	''
28919	62.00	63.00	1.00	'' ''
28920	63.00	64.00	1.00	Same as +tr-1% py
28921	71.00	72.00	1.00	Same as
28922	72.00	73.00	1.00	Same as
28923	73.00	74.00	1.00	Intermediate to felsic flow brecciated 10-15% qtz vein tr-1% pyrite.
28924	74.00	75.17	1.17	Same as +1-2% pyrite
28926	76.03	77.03	1.00	Intermediate to felsic flow 1-5% pyrite
28927	77.03	77.80	0.77	Intermediate to felsic flow tr-1% py 1-2% po.
28928	77.80	78.80	1.00	Intermediate to felsic flow tr-1% py
28929	78.80	79.31	0.51	''
28930	79.31	80.31	1.00	''
28931	80.31	81.31	1.00	''
28932	81.31	82.00	0.69	''
28933	99.87	100.87	1.00	'' '' +tr-1% hematite
28934	100.87	101.87	1.00	'' ''+1-5% hematite

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28935	101.87	102.87	1.00	'' ''+1-2% Hematite
28936	102.87	103.80	0.93	'' ''
28937	103.80	104.80	1.00	'' ''
28938	109.40	110.40	1.00	'' '' +1-2% pyrite
28939	110.40	111.40	1.00	'' ''+tr-1% pyrite
28940	116.95	117.95	1.00	Intermediate to felsic flow 1-2% pyrite veinlets.
28941	117.95	118.47	0.52	'' '' ''
28942	118.47	119.74	1.27	Contact zone highly sericitised 5-10% pyrite in veinlets and disseminated.
28943	119.74	120.74	1.00	Gabbroic or diabasic dyke 1-2% pyrite.
28944	120.74	121.74	1.00	'' ''
28945	124.34	125.34	1.00	Gabbro silicified 1-2% pyrite.
28946	134.17	135.17	1.00	Gabbro 1-2% pyrite
28947	135.17	135.69	0.52	Contact zone moderately carbonatised and sericitised 1-5% fuschite +5-10% qtz
28948	135.69	136.69	1.00	Intermediate to felsic flow tr-1% pyrite
28949	154.62	155.62	1.00	Gabbro coarse grain moderately chloritised tr-1% pyrite.
28950	155.62	156.31	0.69	Gabbro 20-25% quartz veins·1-5% fuschite.
28951	156.31	157.28	0.97	Intermediate to felsic flow 1-5% pyrite.
28952	157.28	158.28	1.00	'' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28953	158.28	159.28	1.00	'' ''
28954	159.28	160.28	1.00	'' '''
28955	160.28	161.28	1.00	'' ''
28956	161.28	162.28	1.00	'' ''
28957	162.28	163.30	1.02	'' ''
28958	163.30	164.30	1.00	Contact zone highly silicified 1-2% pyrite disseminated
28959	173.73	174.73	1.00	Gabbro silicified 1-2% pyrite
28960	174.73	175.73	1.00	Gabbro silicified 1-5% pyrite.
28961	181.86	182.86	1.00	Gabbro 5% quartz veins
28962	190.55	191.55	1.00	Gabbro tr pyrite
28963	191.55	193.00	1.45	Gabbro highly silicified
04-01	47.00	55.68	8.68	Intermediate to felsic flow (porphyritic)
04-02	55.68	64.37	8.69	Intermediate flow
04-03	64.37	73.06	8.69	''
04-04	73.06	81.93	8.87	Intermediate to felsic flow (porphyritic)
04-05	81.93	90.79	8.86	''
04-06	90.79	100.43	9.64	Intermediate to felsic flow (porphyritic)
04-07	100.43	110.06	9.63	''''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
04-08	110.06	119.74	9.68	'''''''
04-09	119.74	123.80	4.06	Zoned Gabbroic dyke or diabase
04-10	123.80	135.17	11.37	Gabbro-diorite
04-11	135.17	139.72	4.55	Dyke of intermediate to felsic flow
04-12	139.72	150.38	10.66	Gabbro-diorite
04-13	150.38	161.03	10.65	''''
04-14	161.03	171.69	10.66	''''
04-15	171.69	182.34	10.65	''''
04-16	182.34	193.00	10.66	'''

LES EXPLORATIONS NORAMCO INC.

H-1434-005

01-05-1987::11:27

DIAMOND DRILL LOG

FINAL COPY

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	441985-4	Coordinates:	21+20 E , 31+25 S NTM
Azimuth:	161 degrees	Dip:	-50 degrees	Length:	230 meters
Logged By:	M.Bergeron	Casing:	Out	Elevation:	Surface
Date Started:	Oct. 6 1987	Date Completed:	Oct. 16 1987	Date Logged:	Nov. 3 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 6 1987	Drill Company:	Bradley Bros.
Overburden:	0 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	21 m		-50 deg.
# 2.	130 m		-50 deg.
# 3.	230 m		-51 deg.

Purpose

To intersect 3 air mag lineaments 1:10 000

Conclusions

21-E.O.H. intersection of a gabbro biotite rich weakly magnetic
76.92-81.80 intersection of a strongly altered zone in epidote silica and carbonate

Recommendations

If assays results give valuable results further drilling of the altered zone is recommended

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	21.0	OVERBURDEN		
21.0	230.0	GABBRO BIOTITE RICH	Pyrite (trace to 1% f) Magnetite (trace very fi)	Silica (weak pervasiv) Hematite (weak locally)
76.9	81.8	ALTERED GABBRO	Pyrite (trace)	Epidote (strong pervas) Silica (moderate to s) Carbonate (moderate to s) Yellow-Green Sericite (weak in fract)
230.0		END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	21.0	**OVERBURDEN**												
21.0	230.0	**GABBRO BIOTITE RICH**												
		Mottled Dark-Grey to Dark-Tan	29774	27.00	28.50	1.50	nil							
		: 10-15% biotite medium grain automorphic												
		Plagioclase: 25-30% medium grain hypidiomorphic	29775	36.86	37.86	1.00	nil							
		Mafic Minerals: 50% hypidiomorphic fine to medium grain												
		Fine to Medium Grained	29776	41.00	42.50	1.50	nil							
		Weakly Fractured (1-10 Fractures/Meter)												
		1 Quartz-Carbonate Veining at 45 and at random Deg. Cax. -- Avg. Width 1-3mm	29777	50.00	51.50	1.50	nil							
		Pyrite: trace to 1% fine grain euhedral in fractures	29778	59.00	60.50	1.50	nil							
		Magnetite: trace very fine euhedral grain												
		Silica Alteration: weak pervasive	29779	65.54	66.54	1.00	nil							
		Hematite Alteration: weak locally	29780	66.54	67.54	1.00	nil							
		Weakly Magnetic												
		Non Conductive	29781	76.00	77.00	1.00	nil							
		(37.08-37.18)quartz-carbonate veinlet weakly hematised and epidotised;upper contact is 41 deg CAX lower contact is 40 deg CAX												
		(66.15-66.21)quartz carbonate veinlet moderately hematised;upper and lower contacts are 45 deg CAX												
		(66.76-66.89)strongly hematised and moderately carbonatised zone;upper and lower contacts are sharp at 85 deg CAX												
		----------Sub Units----------												
		76.9 81.8 ALTERED GABBRO												
		Light Green	29782	77.00	78.00	1.00	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Fine to Medium Grained	29783	78.00	79.00	1.00	nil							
		Upper Contact at 45 Deg. Cax.	29784	79.00	79.92	0.92	nil							
		Lower Contact gradual	29785	79.92	80.92	1.00	nil							
		Weakly Fractured (1-10 Fractures/Meter)	29786	80.92	81.32	0.40	nil							
		5-10 Quartz-Carbonate Veining at 45 Deg. Cax. -- Avg. Width	29787	81.32	82.29	0.97	nil							
		5mm locally up to 2cm	29788	82.29	83.29	1.00	nil							
		Pyrite: trace												
		Epidote Alteration: strong pervasive	29789	92.60	93.60	1.00	nil							
		Silica Alteration: moderate to strong pervasive	29790	93.60	94.00	0.40	nil							
		Carbonate Alteration: moderate to strong pervasive	29791	94.00	95.00	1.00	nil							
		Yellow-Green Sericite Alteration: weak in fractures												
		Non Magnetic	29792	102.30	103.30	1.00	nil							
		Non Conductive												
			29793	110.00	111.50	1.50	nil							
		Weakly to moderately brecciated in situ.Contain 5-10%												
		quartz carbonate amygdules	29794	116.00	117.50	1.50	nil							
		(80.92-80.99)carbonate veinlet.upper contact is an open												
		fracture filled by automorphic quartz crystals at 35 deg CAX	29795	122.00	123.50	1.50	nil							
		lower contact is irregular	29796	133.42	134.42	1.00	0.05							
		(80.99-81.05)quartz carbonate veinlet brecciated.upper	29797	134.42	134.82	0.40	nil							
		contact is irregular lower is 35-40 deg CAX.	29798	134.82	135.82	1.00	nil							
		(81.05-81.29)quartz veinlet with 20-30% of												
		carbonate.Brecciated ;upper and lower contacts are 35-40 deg CAX	29799	149.00	150.50	1.50	nil							
			29800	153.56	154.56	1.00	nil							
			29801	154.56	154.98	0.42	nil							
		(81.80-103.29 moderately silicified pervasive;patched weak	29802	154.98	156.00	1.02	nil							
		to moderate hematisation												
		(93.75-93.81)quartz veinlet with 10% carbonate.Upper and	29803	167.00	168.50	1.50	nil							
		lower contacts are 45 deg CAX												
		(134.42-134.82)mafic to intermediate dike;strongly	29804	171.74	173.00	1.26	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		silicified and carbonatised.weakly brecciated	29805	173.00	174.50	1.50	nil							
		in-situ.upper and	29806	174.50	176.00	1.50	nil							
		lower contact are 45 deg CAX	29807	176.00	177.50	1.50	nil							
		(154.56-154.96)fine grain gabbro dike;light	29808	177.50	179.00	1.50	nil							
		brown;moderately silicified and weakly hematised;upper	29809	179.00	179.50	0.50	nil							
		contacts is 55-70	29810	179.50	180.26	0.76	nil							
		deg CAX lower is 50 deg CAX.no mineralization no magnetic	29811	180.26	181.76	1.50	nil							
		(171.74-180.26)moderately silicified gabbro biotite												
		rich;dark grey;fine to medium grain;5% of qcv hematised	29812	192.18	193.68	1.50	nil							
		0.5-1 cm width up to 15 cm	29813	193.68	195.18	1.50	nil							
		at 80-85 deg CAX.trace to 1% pyrite and magnetite very fine												
		euhedral grain.Upper and lower contacts of the zone are	29814	200.00	201.50	1.50	nil							
		gradual												
		(179.19-179.39)strongly hematised and silicified zone with	29815	218.00	219.00	1.00	nil							
		5% qcv 1-3mm width at 60-70 deg CAX.Weakly epidotised	29816	219.00	220.07	1.07	nil							
		along qcv	29817	220.07	221.12	1.05	nil							
		Upper and lower contacts of this zone are 75-80 deg CAX.	29818	221.12	222.40	1.28	nil							
		(180.26-192.18) same as main unit except biotite is fine	29819	222.40	222.80	0.40	nil							
		grain and plagioclases and pyroxenes are fine to medium	29820	222.80	223.80	1.00	nil							
		grain												
		(192.18-195.36)Gabbro dike;diabasic texture;pyroxenes are												
		fine grain hypidiomorphic plagioclases are medium grain												
		hypidiomorphic.Weakly silicified pervasive												
		1% qcv 1-2mm width at random.trace pyrite and magnetite												
		fine grain.upper contact is 40 deg CAX;lower is 30 deg CAX.												
		(195.36-210.60)same as 180.26-192.18												
		SAMPLE INTERVALS												
		Fire Assay Samples : 29774 to 29820												
		Lithogeochem Samples: 05 01 to 05-21												
230.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
05-01	21.00	32.18	11.18	1	11	nil						73		11									nil								58
05-02	32.18	43.37	11.19	nil	5	nil						54		8									nil								49
05-03	43.37	54.55	11.18	nil	nil	nil						76		nil									nil								53
05-04	54.55	65.74	11.19	nil	nil	nil						52		4									nil								56
05-05	65.74	76.92	11.18	nil	nil	nil						69		11									nil								45
05-06	76.92	81.80	4.88	1	7	nil						77		7									nil								33
05-07	81.80	92.55	10.75	nil	nil	nil						44		6									nil								70
05-08	92.55	103.29	10.74	nil	7	nil						30		7									nil								53
05-09	103.29	114.70	11.41	nil	nil	nil						61		nil									nil								51
05-10	114.70	126.11	11.41	1	7	nil						35		nil									nil								26
05-11	126.11	137.51	11.40	22	nil	12						42		5									0.6								56
05-12	137.51	148.92	11.41	7	nil	nil						40		10									nil								53
05-13	148.92	160.33	11.41	nil	6	nil						26		10									nil								46
05-14	160.33	171.74	11.41	11	nil	nil						29		16									nil								69
05-15	171.74	180.26	8.52	3	nil	nil						15		9									nil								42
05-16	180.26	192.18	11.92	2	nil	nil						38		9									nil								51
05-17	192.18	195.36	3.18	nil	5	nil						50		11									nil								49

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
05-18	195.36	206.68	11.32	nil	nil	nil						30		8									0.7								51
05-19	206.68	218.00	11.32	nil	nil	nil						13		8									0.6								62
05 20	218.00	221.12	3.12	nil	nil	nil						1		5									nil								43
05-21	221.12	230.00	8.88	nil	6	nil						31		9									1.1								45

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29774	27.00	28.50	1.50	Gabbro biotite rich;trace pyrite and magnetite
29775	36.86	37.86	1.00	'' '' '' + 10 cm qcv hematised and epidotised
29776	41.00	42.50	1.50	Gabbro biotite rich;trace pyrite and magnetite
29777	50.00	51.50	1.50	'' '' ''
29778	59.00	60.50	1.50	'' '' ''
29779	65.54	66.54	1.00	'' '' '' + 6 cm qcv hematised
29780	66.54	67.54	1.00	'' '' '' + 13 cm silicified carbonatised hematised zone
29781	76.00	77.00	1.00	Gabbro biotite rich;trace pyrite and magnetite
29782	77.00	78.00	1.00	altered gabbro (epidotised carbonatised and silicified)
29783	78.00	79.00	1.00	'' '' ''
29784	79.00	79.92	0.92	'' '' ''
29785	79.92	80.92	1.00	'' '' ''
29786	80.92	81.32	0.40	qcv brecciated;trace pyrite magnetite
29787	81.32	82.29	0.97	altered gabbro (epidotised carbonatised silicified)
29788	82.29	83.29	1.00	Gabbro biotite rich; trace pyrite magnetite
29789	92.60	93.60	1.00	'' '' ''
29790	93.60	94.00	0.40	'' '' '' + 8 cm qcv
29791	94.00	95.00	1.00	Gabbro biotite rich;trace pyrite magnetite

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29792	102.30	103.30	1.00	'' '' '' hematised
29793	110.00	111.50	1.50	Gabbro biotite rich;trace pyrite magnetite
29794	116.00	117.50	1.50	'' '' ''
29795	122.00	123.50	1.50	'' '' ''
29796	133.42	134.42	1.00	'' '' ''
29797	134.42	134.82	0.40	mafic to intermediate dike;silicified carbonatised
29798	134.82	135.82	1.00	Gabbro biotite rich;trace pyrite magnetite
29799	149.00	150.50	1.50	'' '' ''
29800	153.56	154.56	1.00	'' '' ''
29801	154.56	154.98	0.42	Gabbro dike hematised silicified
29802	154.98	156.00	1.02	Gabbro biotite rich;trace pyrite magnetite
29803	167.00	168.50	1.50	'' '' ''
29804	171.74	173.00	1.26	Gabbro biotite rich moderately silicified;5% qcv hematised;trace py mt
29805	173.00	174.50	1.50	'' '' ''
29806	174.50	176.00	1.50	'' '' ''
29807	176.00	177.50	1.50	'' '' ''
29808	177.50	179.00	1.50	'' '' ''
29809	179.00	179.50	0.50	gabbro strongly silicified hematised 5% qcv hematised trace py mt

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29810	179.50	180.26	0.76	Gabbro biotite rich;moderately silicified;5% qcv hematised;trace py mt
29811	180.26	181.76	1.50	Gabbro biotite rich trace pyrite magnetite
29812	192.18	193.68	1.50	Gabbro dike diabasic texture
29813	193.68	195.18	1.50	'' '' ''
29814	200.00	201.50	1.50	Gabbro biotite rich;trace pyrite magnetite
29815	218.00	219.00	1.00	'' '' '' strongly silicified
29816	219.00	220.07	1.07	'' '' '' strongly silicified
29817	220.07	221.12	1.05	'' '' '' strongly silicified;Sl at 40-50 deg CAX
29818	221.12	222.40	1.28	Gabbro biotite rich;trace pyrite magnetite
29819	222.40	222.80	0.40	'' '' '' + 12 cm width qv
29820	222.80	223.80	1.00	Gabbro biotite rich; trace pyrite magnetite
05-01	21.00	32.18	11.18	Gabbro biotite rich.
05-02	32.18	43.37	11.19	'' '' ''
05-03	43.37	54.55	11.18	'' '' ''
05-04	54.55	65.74	11.19	'' '' ''
05-05	65.74	76.92	11.18	'' '' ''
05-06	76.92	81.80	4.88	Altered gabbro
05-07	81.80	92.55	10.75	Gabbro biotite rich moderately silicified

Sample No.	From (m)	To (m)	Width (m)	Remarks
05-08	92.55	103.29	10.74	" " "
05-09	103.29	114.70	11.41	Gabbro biotite rich.
05-10	114.70	126.11	11.41	" " "
05-11	126.11	137.51	11.40	" " "
05-12	137.51	148.92	11.41	" " "
05-13	148.92	160.33	11.41	" " "
05-14	160.33	171.74	11.41	" " "
05-15	171.74	180.26	8.52	Gabbro biotite rich moderately silicified.
05-16	180.26	192.18	11.92	Gabbro biotite rich.
05-17	192.18	195.36	3.18	Gabbro dyke
05-18	195.36	206.68	11.32	Gabbro biotite rich.
05-19	206.68	218.00	11.32	" " "
05-20	218.00	221.12	3.12	Gabbro biotite rich strong silicified.
05-21	221.12	230.00	8.88	Gabbro biotite rich.

LES EXPLORATIONS NORAMCO INC. H-1434-006

01-14-1988::13:31 DIAMOND DRILL LOG

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	456264-4	Coordinates:	37+00 E , 72+35 S MTM
Azimuth:	155 degrees	Dip:	-50 degrees	Length:	218 meters
Logged By:	M.Bergeron	Casing:	Out	Elevation:	Surface
Date Started:	Oct. 7 1987	Date Completed:	Oct. 17 1987	Date Logged:	Nov. 2 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 2 1987	Drill Company:	Bradley Bros.
Overburden:	0 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	10 m		-50 deg.
# 2.	125 m		-50 deg.
# 3.	218 m		-50 deg.

Purpose

To intersect two air mag 1:10 000

Conclusions

intersection of a shear zone between 93.38-93.90 and a fault zone injected by a 40 cm width quartz-carbonate vein between 193.56-195.55
Moderately magnetic wacke from 81.9 to 119.5

Recommendations

if assays results are valuable further drilling of the extention of th fault zone is reccomended

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	10.0	OVERBURDEN		
10.0	48.5	WACKE+ARGILITE	Pyrite (1-2% fine gra)	Carbonate (moderate to s) Leucoxene (weak very fin) Chlorite (moderate perv) Grey Sericite (weak between)
48.5	81.9	WACKE	Pyrite (trace to 1% d)	Carbonate (moderate to w) Leucoxene (5-10% very fi) Chlorite (weak pervasiv) Grey Sericite (weak to moder)
81.9	124.1	WACKE(MAFIC FLOW SCHISTOSED?)	Magnetite (5-10% very fi) Pyrite (1-2% fine gra)	Carbonate (weak to moder) Chlorite (moderate perv) Epidote (weak locally)
119.5	124.1	WACKE+ARGILITE		
124.1	218.0	WACKE		
	218.0	END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	10.0	**OVERBURDEN**												
10.0	48.5	**WACKE+ARGILITE**												
		Light Green to Tan	29727	24.70	25.70	1.00	0.04							
		-: grain and matrix of the wacke have a mafic volcanic origin	29728	25.70	26.10	0.40	nil							
			29729	26.10	27.10	1.00	nil							
		-: argilite is tan colour												
		Very Fine Grained	29730	30.60	31.60	1.00	nil							
		Schistosity: S2 at 25-30 Deg. Cax.	29731	31.60	32.00	0.40	nil							
		Weakly Fractured (1-10 Fractures/Meter)	29732	32.00	33.00	1.00	nil							
		5-10 Quartz-Carbonate Veining at 40 Deg. Cax. -- Avg. Width 2-5mm locally up to 1.5 cm	29733	33.00	34.50	1.50	nil							
		Pyrite: 1-2% fine grain euhedral in very thick veinlets at 40 deg CAX	28734	41.00	42.50	1.50	nil							
		Carbonate Alteration: moderate to strong pervasive												
		Leucoxene Alteration: weak very fine grain												
		Chlorite Alteration: moderate pervasive												
		Grey Sericite Alteration: weak between beds												
		Non Magnetic												
		Non Conductive												
		Thickly laminated interbedded wacke and argilite.Wacke represent 55-60% of the rock												
		Lower contact is 40 deg CAX												
48.5	81.9	**WACKE**												
		Light Green to Dark Grey												
		Matrix: and fragments have a mafic volcanic origine	29735	64.00	65.50	1.50	nil							
		Very Fine Grained												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Upper Contact at 40 Deg. Cax.	29736	66.85	68.10	1.25	nil							
		Lower Contact at 40 Deg. Cax.	29737	68.10	69.31	1.21	nil							
		Weakly Fractured (1-10 Fractures/Meter)	29738	69.31	69.71	0.40	nil							
		10% Quartz-Carbonate Veining at 40 Deg. Cax. -- Avg. Width 1-3mm locally up to 1.5 cm	29739	69.71	70.71	1.00	nil							
		Pyrite: trace to 1% disseminated fine grain euhedral	29740	78.50	80.00	1.50	nil							
		Carbonate Alteration: moderate to weak pervasive	29741	80.00	81.50	1.50	nil							
		Leucoxene Alteration: 5-10% very fine grain												
		Chlorite Alteration: weak pervasive												
		Grey Sericite Alteration: weak to moderate along S0 and qcv veinlets												
		Non Magnetic												
		Non Conductive												
		S0 and S1 are 40 deg CAX locally affected by a S2 of 25-30 deg CAX.												
		The wacke is thickly laminated												
		(66.85-68.10)wacke fine grain light grey												
		(68.10-77.39)S2 moderately to well developed												
		(69.43-69.57) quartz-carbonate veinlet;upper contact is 20-25 deg CAX lower is 70 deg CAX.Weakly sericitised;5% chlorite												
		(77.39-81.91)wacke light green;thickly laminated;weakly epidotised pervasive;35-40% qcv 1-2mm along S1 at 40 deg CAX.												
		5% of angular wacke xenoliths												
81.9	124.1	**WACKE(MAFIC FLOW SCHISTOSED?)**												
		Dark Green to Grey												
		Matrix: and grain have a mafic volcanic composition	29742	93.00	94.00	1.00	nil							
		Very Fine Grained												
		Upper Contact at 40 Deg. Cax.	29743	98.00	99.50	1.50	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Lower Contact at 40 Deg. Cax.	29744	99.50	100.50	1.00	nil							
		Weakly Fractured (1-10 Fractures/Meter)												
		3-5% Quartz-Carbonate Veining at 40-50 Deg. Cax. -- Avg. Width 2-5mm	29745	113.80	115.30	1.50	nil							
		Magnetite: 5-10% very fine grain disseminated												
		Pyrite: 1-2% fine grain euhedral or fine vesicule;disseminated												
		Carbonate Alteration: weak to moderate pervasive												
		Chlorite Alteration: moderate pervasive												
		Epidote Alteration: weak locally												
		Moderately Magnetic												
		Non Conductive												
		S0 S1 40 deg CAX.												
		(93.38-93.90)sheared zone												
		(99.86-100)moderately epidotised pervasive												
		(113.80-115.16)2-5% interlayed argilite;5% of calcite amygdules 2-3mm.												
		----------Sub Units----------												
		119.5 124.1 WACKE+ARGILITE												
		Same as 10-48.45												
		Upper Contact at 40 Deg. Cax.	29746	119.48	120.98	1.50	nil							
		Lower Contact at 40 Deg. Cax.	29747	120.98	122.00	1.02	nil							
			29748	124.00	125.56	1.56	nil							
124.1	218.0	WACKE												
		Same as 48.45-81.91												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
			29749	137.00	138.00	1.00	nil							
		(136.14-137)5% calcite amygdules 2-3mm	29750	138.00	139.00	1.00	nil							
		(139.35-139.56)moderately hematised pervasive	29751	139.00	139.60	0.60	0.03							
		(145-148.45)patchy alteration in sericite following the bedding.5-7% calcite amygdules 2-4mm.	29752	139.60	140.60	1.00	nil							
		(152.95-159.75)same as above	29753	146.08	147.58	1.50	0.04							
		(159.80- 173)very weak to moderate magnetism.Magnetite trace to 2%.	29754	147.58	149.08	1.50	0.05							
		(164.33-166.70)10 qcv average width is 3-5mm uo to	29755	159.75	161.25	1.50	0.12							
		1.5cm.qcv contain 2-4% vesicular pyrite of 1-3mm and trace	29756	161.25	162.75	1.50	nil							
		of magn	29757	162.75	164.25	1.50	nil							
		etite fine grain euhedral.	29758	164.25	165.75	1.50	nil							
		(176.38-176.45)quartz carbonate veine;upper and lower contacts are irregular including wacke xenolithes	29759	165.75	167.25	1.50	nil							
		(177.8-177.87)quartz carbonate vein.upper contact is 70 deg	29760	175.20	176.20	1.00	nil							
		CAX lower is 65 deg CAX	29761	176.20	176.60	0.40	nil							
		(177.95-178.03)quart carbonate vein upper contact is 30 deg	29762	176.60	177.60	1.00	nil							
		CAX lower is irregular 50-70 deg CAX	29763	177.60	178.15	0.55	nil							
		(179.46-180.20)(180.48-181)2-5% of cacite amygdules 2-4mm	29764	178.15	179.15	1.00	nil							
		(185.47-186.70)patchy sericite along the bedding												
		(192.88-193.56)bleached zone light grey coloured	29765	191.00	192.50	1.50	nil							
		(193.56-195.55)Fault zone.Ground core+ 30% qcv 1.5 to 40 cm	29766	192.50	193.56	1.06	0.03							
		width.Wacke is moderately carbonatised pervasive	29767	193.56	194.40	0.84	nil							
		strongly sericitised alongfractures.Upper and lower	29768	194.40	194.85	0.45	nil							
		contacts of the fault zone are graduel	29769	194.85	195.25	0.40	nil							
		(194-194.55)quartz carbonate vein 1.5-3 cm width	29770	195.25	196.25	1.00	0.04							
		sub-parallel to CAX.Upper and lower contacts are												
		fracturated.	29771	197.98	198.90	0.92								
		(194.85-195.25)quartz carbonate vein.Upper and lower												
		contacts are 80-85 deg CAX.Weak limonite in the first 5 cm	29772	208.54	209.54	1.00	nil							
		(197.98-205) 2-5% calcite amygdules of 2-10 mm. Patchy												
		sericitisation along bedding.	29773	213.00	214.00	1.00	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		(205.03-205.50)Bleached zone light grey wacke (208.70-209.10)15% of quartz carbonate veinlets 5-10mm up to 2 cm (209.46-218)2-10% calcite amygdules of 2-4mm. Patchy sericitisation along bedding **Sub Units** SAMPLE INTERVALS Fire Assay Samples : 29727 to 29773 Lithogeochem Samples: 06-01 to 06-22												
218.0		**END OF HOLE.**												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
06-01	10.00	20.00	10.00	nil	nil	nil						92		nil									nil								107
06-02	20.00	30.00	10.00	nil	nil	nil						80		5									nil								145
06-03	30.00	40.00	10.00	1	nil	nil						69		4									nil								139
06-04	40.00	48.50	8.50	2	5	nil						53		8									nil								179
06-05	48.50	59.50	11.00	nil	nil	nil						12		6									nil								186
06-06	59.50	67.00	7.50	nil	nil	nil						25		6									nil								184
06-07	67.00	74.50	7.50	nil	nil	nil						44		6									nil								235
06-08	74.50	81.90	7.40	nil	nil	8						88		12									nil								188
06-09	81.90	91.00	9.10	nil	8	nil						62		nil									nil								160
06-10	91.00	101.00	10.00	nil	nil	nil						71		nil									nil								149
06-11	101.00	111.00	10.00	nil	nil	nil						74		10									nil								143
06-12	111.00	119.50	8.50	nil	7	nil						59		6									nil								177
06-13	119.50	124.10	4.60	nil	nil	nil						33		11									nil								187
06-14	124.10	135.00	10.90	nil	nil	nil						25		5									nil								188
06-15	135.00	146.00	11.00	nil	nil	nil						20		nil									nil								145
06-16	146.00	156.00	10.00	nil	nil	nil						23		5									nil								139
06-17	156.00	166.00	10.00	nil	nil	nil						41		nil									nil								136

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
06-18	166.00	176.00	10.00	nil	nil	nil						37		nil									nil								132
06-19	176.00	186.00	10.00	nil	nil	nil						52		11									nil								153
06-20	186.00	196.00	10.00	nil	nil	nil						34		nil									nil								142
06-21	196.00	206.00	10.00	nil	nil	nil						17		7									nil								90
06-22	206.00	218.00	12.00	nil	nil	nil						55		11									nil								81

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29727	24.70	25.70	1.00	wacke+argilite;5% qcv; 2% pyrite
29728	25.70	26.10	0.40	qcv+xenolithe of wacke +argilite
29729	26.10	27.10	1.00	wacke + argilite; 5% qcv; 2% pyrite
29730	30.60	31.60	1.00	'' ''' ''
29731	31.60	32.00	0.40	'' '' ''' + 2-3% magnetite
29732	32.00	33.00	1.00	wacke + argilite;5% qcv; 2% pyrite
29733	33.00	34.50	1.50	'' ''' ''
28734	41.00	42.50	1.50	'' '' ''
29735	64.00	65.50	1.50	wacke;5% qcv;pyrite 1%
29736	66.85	68.10	1.25	'' '' ''
29737	68.10	69.31	1.21	'' '' ''
29738	69.31	69.71	0.40	qcv sericitised and chloritised with xenolithes of wacke
29739	69.71	70.71	1.00	wacke ;1-2% pyrite
29740	78.50	80.00	1.50	wacke;40% of qcv 40 deg CAX 1-3mm;2% pyrite
29741	80.00	81.50	1.50	'' '' ''
29742	93.00	94.00	1.00	wacke(mafic flow schistosed?)sheared
29743	98.00	99.50	1.50	'' '' ''
29744	99.50	100.50	1.00	wacke(mafic flow schistosed?);patchy epidote alteration

Sample No.	From (m)	To (m)	Width (m)	---------Remarks----------
29745	113.80	115.30	1.50	wacke+argilite interlayed;1-2% pyrite
29746	119.48	120.98	1.50	'' '' ''
29747	120.98	122.00	1.02	'' '' ''
29748	124.00	125.56	1.56	wacke 1-2% pyrite
29749	137.00	138.00	1.00	'' '' ''
29750	138.00	139.00	1.00	'' '' ''
29751	139.00	139.60	0.60	wacke weakly hematised pervasive
29752	139.60	140.60	1.00	wacke 1-2% pyrite
29753	146.08	147.58	1.50	wacke patchy alteration in sericite 1-2% pyrite
29754	147.58	149.08	1.50	'' '' ''
29755	159.75	161.25	1.50	wacke trace-2% magnetite 1-2% pyrite
29756	161.25	162.75	1.50	'' '' ''
29757	162.75	164.25	1.50	'' '' ''
29758	164.25	165.75	1.50	'' '' ''
29759	165.75	167.25	1.50	'' '' ''
29760	175.20	176.20	1.00	wacke 1-2% pyrite
29761	176.20	176.60	0.40	qcv 2-2.5 cm width
29762	176.60	177.60	1.00	wacke 1-2% pyrite

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29763	177.60	178.15	0.55	qcv (2 veinlets of 6-7 cm)
29764	178.15	179.15	1.00	wacke 5-10% qcv trace pyrite
29765	191.00	192.50	1.50	'' '' ''
29766	192.50	193.56	1.06	'' '' ''
29767	193.56	194.40	0.84	fault zone:qcv+grouded core
29768	194.40	194.85	0.45	grounded core
29769	194.85	195.25	0.40	40 cm width quartz carbonate vein in fault zone
29770	195.25	196.25	1.00	wacke trace to 1% pyrite
29771	197.98	198.90	0.92	'' '' '' + 5% calcite amygdules; SAMPLE LOST ON THE FIELD
29772	208.54	209.54	1.00	wacke;10-15% qcv ; 2% pyrite
29773	213.00	214.00	1.00	'' '' ''
06-01	10.00	20.00	10.00	wacke+argilite
06-02	20.00	30.00	10.00	'' '' ''
06-03	30.00	40.00	10.00	'' '' ''
06-04	40.00	48.50	8.50	'' '' ''
06-05	48.50	59.50	11.00	wacke
06-06	59.50	67.00	7.50	'' '' ''
06-07	67.00	74.50	7.50	'' '' ''

Sample No.	From (m)	To (m)	Width (m)	---------Remarks---------
06-08	74.50	81.90	7.40	'' '' ''
06-09	81.90	91.00	9.10	wacke(mafic flow schistosed?)
06-10	91.00	101.00	10.00	'' '' ''
06-11	101.00	111.00	10.00	'' '' ''
06-12	111.00	119.50	8.50	'' '' ''
06-13	119.50	124.10	4.60	wacke+argilite
06-14	124.10	135.00	10.90	wacke
06-15	135.00	146.00	11.00	'' '' ''
06-16	146.00	156.00	10.00	'' '' ''
06-17	156.00	166.00	10.00	'' '' ''
06-18	166.00	176.00	10.00	'' '' ''
06-19	176.00	186.00	10.00	'' '' ''
06-20	186.00	196.00	10.00	'' '' ''
06-21	196.00	206.00	10.00	'' '' ''
06-22	206.00	218.00	12.00	'' '' ''

LES EXPLORATIONS NORAMCO INC.

H-1434-007

01-05-1987::11:34

DIAMOND DRILL LOG

FINAL COPY

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	456278-2	Coordinates:	43+35E , 69+15S MTM
Azimuth:	90 degrees	Dip:	-50 degrees	Length:	251 meters
Logged By:	M.Bergeron	Casing:	BQ (In 12m NW)	Elevation:	Surface
Date Started:	Oct. 17 1987	Date Completed:	Oct. 20 1987	Date Logged:	Nov. 08 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 12 1987	Drill Company:	Bradley Bros.
Overburden:	36 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	38 m		-52 deg.
# 2.	125 m		-53 deg.
# 3.	251 m		-52 deg.

Purpose

To intersect 3 air mag lineaments 1:10 000

Conclusions

36-62.4 Intersection of a mafic volcanic schistosed.
62.4-E.O.H. Alternance of altered intermediate to felsic volcanic porphyritic and altered intermediate to felsic flow schistosed;both having 2-5% pyrite. 210.49-211.65 fault gouge.

Recommendations

If assays results give good values;further drilling of the anomalous zone is recommended.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	36.0	OVERBURDEN		
36.0	62.4	MAFIC VOLCANIC SCHISTOSED	Pyrite (2-5% very fin) Magnetite (trace locally)	Carbonate (strong pervas) Chlorite (weak pervasiv) Grey Sericite (weak along S1) Garnet (weak along S1)
52.2	62.4	GABBRO DIORITE DIKE	Pyrite (1% very fine) Hematite ((specularite))	Chlorite (10% fine porp) Carbonate (strong patchy) Garnet (weak in fract)
62.4	81.4	ALTERED INTERMEDIATE TO FELSIC FLOW SCHISTOSED	Pyrite (2-4% fine gr) Chalcopyrite (trace to 1% d)	Grey Sericite (moderate perv) Carbonate (strong pervas) Chlorite (moderate in t) Epidote (very weak in)
81.4	91.0	ALTERED INTERMEDIATE TO FELSIC VOLCANIC PORPHYRITIC	Pyrite (fine grain eu) Chalcopyrite (trace patched)	Grey Sericite (moderate perv) Epidote (weak in qcv) Carbonate (moderate patc) Chlorite (weak in thin)
91.0	102.2	ALTERED INTERMEDIATE TO FELSIC FLOW SCHISTOSED		
102.2	251.0	ALTERED INTERMEDIATE TO FELSIC VOLCANIC PORPHYRITIC		
138.8	178.6	SHEARED INTERMEDIATE TO FELSIC VOLCANIC ALTERED	Pyrite (2-5% fine gra) Chalcopyrite (trace in qcv)	Yellow-Green Sericite (moderate to s) Carbonate (moderate to s) Epidote (weak along qc) Chlorite (moderate in t) - (limonite weak)

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
	251.0	END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	36.0	OVERBURDEN												
36.0	62.4	MAFIC VOLCANIC SCHISTOSED												
		Dark Green to Dark-Grey	29821	44.00	45.50	1.50	0.04							
		Fine Grained	29822	45.50	47.00	1.50	nil							
		Schistosity: S1 at 24-28 Deg. Cax.												
		Lower Contact at 30 Deg. Cax.	29823	49.00	50.50	1.50	0.03							
		Weakly Fractured (1-10 Fractures/Meter)	29824	50.50	51.57	1.07	nil							
		5% Quartz-Carbonate Veining at 27 Deg. Cax. -- Avg. Width 1-3 mm locally up to 1 cm	29825	51.57	52.57	1.00	nil							
		Pyrite: 2-5% very fine grain euhedral disseminated along S1												
		Magnetite: trace locally												
		Carbonate Alteration: strong pervasive												
		Chlorite Alteration: weak pervasive												
		Grey Sericite Alteration: weak along S1												
		Garnet Alteration: weak along S1 locally												
		Non Magnetic												
		Non Conductive												
		1-2% calcite amygdules 2-3mm elongated along S1												
		46.45-46.65 trace-1% magnetite												
		47.50-51.57 5-10% calcite amygdules elongated along S1 with 2-3% garnet in amygdules												
		51.57-52.21 15-20% qcv												
		Sub Units												
52.2	62.4	GABBRO DIORITE DIKE												
		Light Green to Light Brown												
		Fine Grained	29826	57.69	59.00	1.31	nil							
		Upper Contact at 30 Deg. Cax.	29827	59.00	60.00	1.00	nil							
		Lower Contact at 30 Deg. Cax.	29828	60.00	61.00	1.00	nil							
		Weakly Fractured (1-10 Fractures/Meter)												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		5 Quartz-Carbonate Veining at 65 Deg. Cax. -- Avg. Width 5mm up to 1 cm Pyrite: 1% very fine to fine euhedral grain Hematite: (specularite)trace disseminated Chlorite Alteration: 10% fine porphyroblasts Carbonate Alteration: strong patchy Garnet Alteration: weak in fractures Non Magnetic Non Conductive 52.21-52.78 10% qcv 57.69-61 weakly hematised												
62.4	81.4	**ALTERED INTERMEDIATE TO FELSIC FLOW SCHISTOSED**												
		Light Green to Grey Fine Grained Upper Contact at 30 Deg. Cax. Lower Contact at 30 Deg. Cax. Weakly Fractured (1-10 Fractures/Meter) 5-10 Quartz-Carbonate Veining at 30 Deg. Cax. -- Avg. Width 5mm Pyrite: 2-4% fine grain euhedral and vesicular disseminated parallel to the schistosity Chalcopyrite: trace to 1% disseminated Grey Sericite Alteration: moderate pervasive Carbonate Alteration: strong pervasive Chlorite Alteration: moderate in thin veinlet along S1 Epidote Alteration: very weak in qcv Non Magnetic Non Conductive	29829	62.50	63.50	1.00	nil						
			29830	63.50	64.00	0.50	nil						
			29831	64.00	65.00	1.00	nil						
			29832	65.00	66.50	1.50	nil						
			29833	66.50	68.00	1.50	nil						
			29834	68.00	69.50	1.50	nil						
			29835	69.50	71.00	1.50	nil						
			29836	71.00	72.50	1.50	nil						
			29837	72.50	74.00	1.50	0.17						
			29838	74.00	75.50	1.50	0.03						
			29839	75.50	76.92	1.42	nil						
			29840	76.92	77.32	0.40	nil						
			29841	77.32	78.32	1.00	nil						
			29842	78.32	79.82	1.50	0.03						
			29843	79.82	80.75	0.93	0.03						
			29844	80.75	81.40	0.65	0.03						
		S1 well developed at 15-40 deg CAX locally affected by a S2												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		perpendicular to it 62.36-68 S1 is 15-20 deg CAX (63.55-63.85) qcv with 2-4% py fine grain euhedral and vesicular disseminated.0.5-3 cm width sub-parallel to CAX. 68-71.08 S1 is 35-40 deg CAX affected by S2 perpendicular to it 71.08-76.92 S1 10-15 deg CAX. S2 weakly developed perpendicular to S1 (73.71-74)qcv 0.5-3 cm width 5-10% deg CAX;trace py fine euhedric 76.92-81.40 S1 35-40 deg CAX (80.79-80.87)(81.29-81.40)qcv upper and lower contact are 45 deg CAX.1% py euhedric fine grain											
81.4	91.0	**ALTERED INTERMEDIATE TO FELSIC VOLCANIC PORPHYRITIC**												
		Light Grey to Tan	29845	81.40	82.40	1.00	0.03							
		Fine Grained	29846	82.40	83.45	1.05	0.19							
		Upper Contact at 30 Deg. Cax.	29847	83.45	84.50	1.05	nil							
		Lower Contact at 70-80 Deg. Cax.	29848	84.50	86.00	1.50	nil							
		Weakly Fractured (1-10 Fractures/Meter)	29849	86.00	87.50	1.50	nil							
		5 Quartz-Carbonate Veining at 45 Deg. Cax. -- Avg. Width 2-4mm up to 1.5 cm	29850	87.50	89.00	1.50	nil							
			29851	89.00	90.50	1.50	0.04							
		Pyrite: fine grain euhedral;2-5% disseminated in qcv;1-2% disseminated in th unit	29852	90.50	92.00	1.50	nil							
		Chalcopyrite: trace patched Grey Sericite Alteration: moderate pervasive Epidote Alteration: weak in qcv Carbonate Alteration: moderate patched Chlorite Alteration: weak in thin veinlets Non Magnetic Non Conductive												
		83.18-83.28 qcv upper and lower contacts are 45 deg												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		CAX;moderately epidotised												
		85.03-86.63 gabbro-diorite dike;fine grain;weakly porphyritic;light grey;moderately sericitised pervasive;weakly chloritised in thin veinlets;1-2% qcv 1-2mm												
		at random;1-3% py fine grain euhedral disseminated;no magnetic												
		(86.61-86.63)qcv weakly epidotised;upper and lower contacts are 25 deg CAX												
91.0	102.2	**ALTERED INTERMEDIATE TO FELSIC FLOW SCHISTOSED**												
		Same as 62.36-81.40	29853	92.00	93.50	1.50	nil							
		Lower Contact at 45 Deg. Cax.	29854	93.50	95.00	1.50	nil							
		Schistosity: S1 at 45 Deg. Cax.	29855	95.00	95.80	0.80	nil							
			29856	95.80	96.80	1.00	nil							
		90.98-91.60 brecciated in-situ	29857	96.80	98.00	1.20	0.15							
		94.52-95.15 quartz carbonate veinlet with 20% thin chlorite	29858	98.00	99.50	1.50	0.03							
		broken veinlets.Upper and lower contact are 45 deg CAX.5%	29859	99.50	101.00	1.50	0.33							
		py fine grain euhedral disseminated;1%	29860	101.00	102.20	1.20	0.03							
		chalcopyrite patched.												
		95.42-95.80 55-60% qcv 2-7mm width at 45 deg CAX. Minor fuschite coated;5% pyrite fine grain euhedral disseminated;trace chalcopyrite patched.												
102.2	251.0	**ALTERED INTERMEDIATE TO FELSIC VOLCANIC PORPHYRITIC**												
		Same as 81.40-90.98	29861	102.20	103.36	1.16	nil							
		-: 25%feldspar(plagioclase)porphyry 3-7mm	29862	103.36	104.36	1.00	nil							
		Upper Contact	29863	104.36	105.50	1.14	nil							
			29864	105.50	107.00	1.50	nil							
		107.20-120.49 5 10% chloritised zone 30-45 deg CAX;1-5cm width	29865	107.00	108.50	1.50	0.03							
			29866	108.50	110.00	1.50	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		120.49-130.22 altered intermediate flow schistosed same as 62.36-81.40 with 30% chloritised zone of 1-5 cm at 30-45 deg CAX	29867	110.00	111.50	1.50	0.03							
			29868	111.50	113.00	1.50	nil							
			29869	113.00	114.50	1.50	nil							
		130.22-138.76 25% feldspar(plagioclase)porphyry of 3-7mm locally up to 1cm.35-40% chlorite epidote sericite alteration zone of 5-15 cm width at 45 deg CAX.	29870	114.50	116.00	1.50	nil							
			29871	116.00	117.50	1.50	nil							
			29872	117.50	119.00	1.50	nil							
		Those altered zone contains 5-10% pyrite fine to medium grain euhedral;disseminated or in thin veinlets at 45 deg CAX.	29873	119.00	120.50	1.50	0.04							
			29874	120.50	122.00	1.50	0.03							
			29875	122.00	123.50	1.50	nil							
			29876	123.50	125.00	1.50	nil							
			29877	125.00	126.50	1.50	nil							
			29878	126.50	128.00	1.50	nil							
			29879	128.00	129.50	1.50	nil							
			29880	129.50	131.00	1.50	0.03							
			29881	131.00	132.50	1.50	nil							
			29882	132.50	134.00	1.50	nil							
			29883	134.00	135.50	1.50	nil							
			29884	135.50	137.00	1.50	nil							
			29885	137.00	138.50	1.50	nil							
			29886	138.50	140.00	1.50	nil							
		Sub Units												
138.8	178.6	**SHEARED INTERMEDIATE TO FELSIC VOLCANIC ALTERED**												
		Light Green to Grey	29887	140.00	141.50	1.50	nil							
		Fine Grained	29888	141.50	143.00	1.50	nil							
		Upper Contact gradual	29889	143.00	144.50	1.50	nil							
		Lower Contact at 75-85 irregular Deg. Cax.	29890	144.50	146.00	1.50	nil							
		Weakly Fractured (1-10 Fractures/Meter)	29891	146.00	147.50	1.50	0.03							
		15-20 Quartz Carbonate Veining at 45 Deg. Cax. -- Avg. Width 3-5 mm	29892	147.50	149.00	1.50	nil							
			29893	149.00	150.50	1.50	nil							
		Pyrite: 2-5% fine grain euhedral disseminated along S1	29894	150.50	152.00	1.50	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Chalcopyrite: trace in qcv	29895	152.00	153.50	1.50	nil							
		Yellow-Green Sericite Alteration: moderate to strong along	29896	153.50	155.00	1.50	nil							
		s1	29897	155.00	156.00	1.00	nil							
		Carbonate Alteration: moderate to strong pervasive	29898	156.00	157.00	1.00	nil							
		Epidote Alteration: weak along qcv	29899	157.00	158.00	1.00	nil							
		Chlorite Alteration: moderate in thin veinlets along s1	29900	158.00	159.00	1.00	nil							
		Alteration: limonite weak coated	29901	159.00	160.00	1.00	nil							
		Non Magnetic	29902	160.00	161.22	1.22	nil							
		Non Conductive	29903	161.22	162.19	0.97	nil							
			29904	162.19	163.00	0.81	nil							
		S1 is 40-45 deg CAX;S2 is weakly developed perpendicular to	29905	163.00	164.00	1.00	nil							
		S1	29906	164.00	165.00	1.00	0.03							
		138.70-145.10 no porphyritic;strongly sericitised(grey)	29907	165.00	166.13	1.13	0.03							
		154.82-170.88 moderately to strongly schistosed zone	29908	166.13	167.00	0.87	0.03							
		(160.82-161.22)(162.29-162.90)grounded core;strongly	29909	167.00	168.00	1.00	0.03							
		fractured.	29910	168.00	169.00	1.00	nil							
		(162.90-163)quartz veinlet;upper contact is fractured;lower	29911	169.00	170.00	1.00	nil							
		contact is 45 deg CAX marqued by a 5 mm fault gouge.	29912	170.00	170.88	0.88	nil							
		(163.93-164.27)intermediate to felsic dike(dacitic)light	29913	170.88	172.00	1.12	nil							
		grey;fine grain;moderately carbonatised pervasive;strongly	29914	172.00	173.50	1.50	nil							
		sericitised(grey).Upper and lower contacts	29915	173.50	175.00	1.50	nil							
		are 45 deg CAX.No mineralization	29916	175.00	176.50	1.50	nil							
		(166.13-166.94)same as 163.93-164.27	29917	176.50	177.50	1.00	nil							
		170.88-178.56 intermediate to felsic volcanic	29918	177.50	178.84	1.34	nil							
		(dacite);light grey;fine grain;weakly to moderately	29919	178.84	179.58	0.74	nil							
		carbonatised pervasive;moderately	29920	179.58	180.34	0.76	nil							
		sericitised(grey)pervasive	29921	180.34	181.00	0.66	nil							
		2-5% qcv 5mm to 1 cm width at 45 deg CAX.S1 is 45 deg	29922	181.00	182.50	1.50	nil							
		CAX.Upper contact is 45 deg CAX.Lower contact is 65-75 deg	29923	182.50	184.00	1.50	nil							
		CAX.Trace pyrite medium euhedral grain diss.	29924	184.00	185.50	1.50	nil							
		.	29925	185.50	187.00	1.50	nil							
		.	29926	187.00	188.00	1.00	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		178.84-179.56 intermediate to felsic dike;light grey;fine	29927	188.00	188.45	0.45	nil							
		grain;strongly carbonatised and sericitised	29928	188.45	189.45	1.00	nil							
		pervasive;moderately chloritised in thin veinlets at 45	29929	189.45	190.95	1.50	nil							
		deg CAX.Upper contact is 75-80 deg CAX.lower contact is 45	29930	190.95	191.57	0.62	nil							
		deg CAX.5-10% qcv at random.5-10% pyrite vesicular	29931	191.57	192.55	0.98	nil							
		disseminated.	29932	192.55	193.33	0.78	nil							
		180.30-181 same as 178.84-179.58	29933	193.33	194.04	0.71	nil							
		188.13-188.22 qcv upper and lower contacts are 45 deg	29934	194.04	195.00	0.96	nil							
		CAX.Trace pyrite	29935	195.00	196.50	1.50	nil							
		191.04-191.13 intermediate to felsic dike ;light grey;fine	29936	196.50	198.00	1.50	nil							
		grain;upper and lower contacts are 45 deg CAX;moderately	29937	198.00	199.50	1.50	nil							
		sericitised and carbonatised.1 cm qcv at	29938	199.50	201.00	1.50	nil							
		70 deg CAX.No mineralization	29939	201.00	202.50	1.50	nil							
		191.34-191.57 bleached zone	29940	202.50	204.00	1.50	nil							
		192.55-193.33;194.04-194.79;same as 191.04-191.13	29941	204.00	205.50	1.50	nil							
		204-205.67 weakly brecciated in-situ	29942	205.50	206.50	1.00	nil							
		205.67-206.50 moderately brecciated in-situ.	29943	206.50	207.50	1.00	nil							
		209.79-210.49 Granule conglomerate polymictic matrix	29944	207.50	209.00	1.50	nil							
		supported.Fragments are angular to	29945	209.00	209.79	0.79	nil							
		sub-angular;representing 45-50% of the rock	29946	209.79	210.49	0.70	nil							
		and have quartz feldspar and mafic fragments	29947	210.49	211.65	1.16	nil							
		composition.Matrix is intermediate fine grain.Upper	29948	211.65	212.65	1.00	0.09							
		contact is 45 deg CAX;Lower is 85-90 deg CAX.Moderately	29949	212.65	213.65	1.00	0.03							
		carbonatised pervasive;no mineralization	29950	213.65	214.65	1.00	nil							
		210.49-211.65 40-50% fault gouge filling highly fractured	29951	214.65	215.65	1.00	nil							
		sediment and porphyritic volcanic.5% qcv of 1cm width in	29952	215.65	216.65	1.00	nil							
		average;sub-parallel to CAX;1% pyrite	29953	216.65	218.00	1.35	nil							
		medium euhedral grain disseminated.	29954	218.00	219.50	1.50	nil							
		211.65-212 highly schistosed zone S1 is 45 deg CAX	29955	219.50	221.00	1.50	nil							
		212-212.89 moderately brecciated in-situ	29956	221.00	222.50	1.50	nil							
		212.89-221.31 weakly brecciated in-situ;20-30% altered zone	29957	222.50	224.00	1.50	nil							
		in chlorite;1-15 cm width;S1 is 45 deg CAX.Patched	29958	224.00	225.50	1.50	0.31							
		alteration in yellow green sericite.	29959	225.50	227.00	1.50	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		221.31-222.89 diorite dike;fine to medium grain;dark	29960	227.00	228.50	1.50	nil							
		grey;moderately chloritised and carbonatised pervasive;no	29961	228.50	230.00	1.50	nil							
		mineralization;1-3% qcv 1-5mm width at random;	29962	230.00	231.50	1.50	nil							
		upper and lower contacts are 45 deg CAX.	29963	231.50	233.00	1.50	0.06							
		222.89-230.36 altered intermediate to felsic volcanic	29964	233.00	234.00	1.00	0.03							
		schistosed same as 62.4-81.4	29965	234.00	235.50	1.50	nil							
		230.36-230.67 qcv with 10% chlorite thin broken	29966	235.50	237.00	1.50	nil							
		veinlets,upper and lower contacts are 45 deg CAX.	29967	237.00	238.41	1.41	nil							
		230.67-231.04 diorite dike same as 221.31-222.89	29968	238.41	239.50	1.09	nil							
		231.21-232.06 intermediate to felsic volcanic schistosed	29969	239.50	241.00	1.50	nil							
		same as 62.4-81.4	29970	241.00	242.50	1.50	0.03							
		232.06-233.87 altered intermediate to felsic volcanic	29971	242.50	244.00	1.50	nil							
		schistosed same as 62.4-81.4	29972	244.00	245.50	1.50	nil							
		234-251 5-10% feldspar (plagioclase)porphyry.	29973	245.50	247.00	1.50	nil							
		(234.10-234.66)(236.14-236.37)(238.41-241.71)(249.43-251)	29974	247.00	248.50	1.50	nil							
		Altered intermediate to felsic volcanic schistosed same as	29975	248.50	250.00	1.50	0.29							
		62.4-81.4	29976	250.00	251.00	1.00	nil							
0.0		SAMPLE INTERVALS												
		Fire Assay Samples : 29727 to 2929773												
		Lithogeochem Samples: 07-01 to 07-22												
251.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
07-01	36.00	46.00	10.00	nil	11	nil						73		13									nil								130
07-02	46.00	52.21	6.21	nil	7	nil						114		16									nil								184
07-03	52.21	62.36	10.15	nil	8	nil						51		10									nil								68
07-04	62.36	72.00	9.64	nil	5	nil						185		14									nil								126
07-05	72.00	81.40	9.40	nil	11	nil						163		14									nil								403
07-06	81.40	91.00	9.60	nil	14	nil						224		13									nil								88
07-07	91.00	102.20	11.20	2	10	nil						146		15									nil								105
07-08	102.20	112.00	9.80	nil	nil	nil						160		8									nil								119
07-09	112.00	122.00	10.00	nil	nil	nil						118		6									nil								3168
07-10	122.00	138.76	16.76	2	nil	11						147		11									nil								2284
07-11	138.76	148.00	9.24	nil	7	13						189		16									1.1								581
07-12	148.00	158.00	10.00	2	11	42						241		16									2.7								1442
07-13	158.00	168.00	10.00	nil	nil	nil						67		7									nil								192
07-14	168.00	178.56	10.56	nil	6	nil						80		11									nil								72
07-15	178.56	188.00	9.44	nil	11	nil						128		12									nil								65
07-16	188.00	198.00	10.00	nil	9	nil						92		10									nil								63
07-17	198.00	209.79	11.79	16	11	nil						120		11									nil								59

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
07-18	209.79	212.89	3.10	nil	9	nil						113		9									nil								75
07-19	212.89	222.00	9.11	nil	7	nil						110		8									nil								101
07-20	222.00	230.86	8.86	nil	7	nil						57		15									nil								124
07-21	230.86	240.00	9.14	nil	9	nil						101		10									nil								90
07-22	240.00	251.00	11.00	nil	8	nil						143		10									nil								121

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29821	44.00	45.50	1.50	Mafic volcanic schistosed; 2-5% Py.
29822	45.50	47.00	1.50	" " " and tr% Mt.
29823	49.00	50.50	1.50	Mafic volcanic schistosed; calcite amygdule; 2-5% Py.
29824	50.50	51.57	1.07	" " " "
29825	51.57	52.57	1.00	Mafic volcanic; 10-15% qcv and gabbro diorite; 2% Py.
29826	57.69	59.00	1.31	Gabbro-diorite hematised; 1% Py.
29827	59.00	60.00	1.00	" " " "
29828	60.00	61.00	1.00	" " " "
29829	62.50	63.50	1.00	Altered intermediate to felsic volcanic schistosed; 2-4% Py.
29830	63.50	64.00	0.50	" " " and 0.5-3cm width qcv over 30 cm
29831	64.00	65.00	1.00	Altered intermediate to felsic volcanic schistosed; 2-4% Py.
29832	65.00	66.50	1.50	" " " " "
29833	66.50	68.00	1.50	" " " "
29834	68.00	69.50	1.50	" " " "
29835	69.50	71.00	1.50	" " " "
29836	71.00	72.50	1.50	" " " "
29837	72.50	74.00	1.50	" " " "
29838	74.00	75.50	1.50	" " " "

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29839	75.50	76.92	1.42	'' '' '' ''
29840	76.92	77.32	0.40	40% qcv; 2-5% Py; 1-3% Cp.
29841	77.32	78.32	1.00	Altered intermediate to felsic volcanic schistosed; 2-4% Py.
29842	78.32	79.82	1.50	'' '' '' ''
29843	79.82	80.75	0.93	'' '' '' ''
29844	80.75	81.40	0.65	'' '' '' '' and 2 zone of qcv(10 cm)
29845	81.40	82.40	1.00	Altered intermediate to felsic porphyritic volcanic; 2-5% Py.
29846	82.40	83.45	1.05	'' '' '' '' '' and 10 cm qcv epidotised.
29847	83.45	84.50	1.05	Altered intermediate to felsic porphyritic volcanic; 2-5% Py.
29848	84.50	86.00	1.50	'' '' '' '' ''
29849	86.00	87.50	1.50	'' '' '' ''
29850	87.50	89.00	1.50	'' '' '' ''
29851	89.00	90.50	1.50	'' '' '' ''
29852	90.50	92.00	1.50	'' '' '' '' and altered intermediate to felsic volcanic schistosed.
29853	92.00	93.50	1.50	Altered intermediate to felsic volcanic schistosed; 2-4% Py.
29854	93.50	95.00	1.50	'' '' '' ;5% Py.
29855	95.00	95.80	0.80	'' '' ''; 2-4% Py; 30% qcv.
29856	95.80	96.80	1.00	Altered intermediate to felsic volcanic schistosed; 2-4% Py.

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29857	96.80	98.00	1.20	'' '' '' ''
29858	98.00	99.50	1.50	'' '' '' '' ''
29859	99.50	101.00	1.50	'' '' '' ''
29860	101.00	102.20	1.20	'' '' '' ''
29861	102.20	103.36	1.16	Altered intermediate to felsic volcanic porphyritic; 2-5% Py.
29862	103.36	104.36	1.00	'' '' '' ''
29863	104.36	105.50	1.14	'' '' '' ''
29864	105.50	107.00	1.50	'' '' '' ''
29865	107.00	108.50	1.50	'' '' '' ''
29866	108.50	110.00	1.50	'' '' '' ''
29867	110.00	111.50	1.50	'' '' '' ''
29868	111.50	113.00	1.50	'' '' '' ''
29869	113.00	114.50	1.50	'' '' ''
29870	114.50	116.00	1.50	'' '' '' ''
29871	116.00	117.50	1.50	'' '' ''
29872	117.50	119.00	1.50	'' '' '' ''
29873	119.00	120.50	1.50	'' '' '' ''
29874	120.50	122.00	1.50	Altered intermediate to felsic flow schistosed; 2-4% Py.

Sample No.	From (m)	To (m)	Width (m)	---------Remarks---------
29875	122.00	123.50	1.50	'' '' '' ''
29876	123.50	125.00	1.50	'' '' '' ''
29877	125.00	126.50	1.50	'' '' '' ''
29878	126.50	128.00	1.50	'' '' '' ''
29879	128.00	129.50	1.50	'' '' '' ''
29880	129.50	131.00	1.50	'' '' and altered intermediate to felsic volcanic porphyritic; 2-4% Py.
29881	131.00	132.50	1.50	Altered intermediate to felsic volcanic porphyritic; 2-4% Py.
29882	132.50	134.00	1.50	'' '' '' ''
29883	134.00	135.50	1.50	'' '' '' ''
29884	135.50	137.00	1.50	'' '' '' ''
29885	137.00	138.50	1.50	'' '' '' ''
29886	138.50	140.00	1.50	Altered intermediate to felsic volcanic porphyritic sheared; 2-5% Py.
29887	140.00	141.50	1.50	'' '' '' ''
29888	141.50	143.00	1.50	'' '' '' ''
29889	143.00	144.50	1.50	'' '' '' ''
29890	144.50	146.00	1.50	'' '' '' ''
29891	146.00	147.50	1.50	Sheared intermediate to felsic volcanic porphyritic; 2-4% Py.
29892	147.50	149.00	1.50	'' '' '' '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29893	149.00	150.50	1.50	'' '' ''
29894	150.50	152.00	1.50	'' '' ''
29895	152.00	153.50	1.50	'' '' '' ''
29896	153.50	155.00	1.50	'' '' '' ''
29897	155.00	156.00	1.00	'' '' ''
29898	156.00	157.00	1.00	'' '' '' ''
29899	157.00	158.00	1.00	'' '' '' ''
29900	158.00	159.00	1.00	'' '' ''
29901	159.00	160.00	1.00	'' '' '' ''
29902	160.00	161.22	1.22	'' '' '' and grounded core.
29903	161.22	162.19	0.97	Sheared intermediate to felsic volcanic porphyritic; 2-4% Py.
29904	162.19	163.00	0.81	'' '' '' and grounded core; qcv at 162.9-163.
29905	163.00	164.00	1.00	Sheared intermediate to felsic volcanic porphyritic; 2-4% Py.
29906	164.00	165.00	1.00	'' '' '' and dacite dyke.
29907	165.00	166.13	1.13	Sheared intermediate to felsic volcanic porphyritic; 2-4% Py.
29908	166.13	167.00	0.87	Dacitic dyke; tr% Py.
29909	167.00	168.00	1.00	Sheared intermediate to felsic volcanic porphyritic; 2-5% Py.
29910	168.00	169.00	1.00	'' '' '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29911	169.00	170.00	1.00	'' '' '' ''
29912	170.00	170.88	0.88	'' '' '' ''
29913	170.88	172.00	1.12	Intermediate to felsic (dacitic) volcanic; tr% Py.
29914	172.00	173.50	1.50	'' '' '' ''
29915	173.50	175.00	1.50	'' '' '' ''
29916	175.00	176.50	1.50	'' '' '' ''
29917	176.50	177.50	1.00	'' '' '' ''
29918	177.50	178.84	1.34	'' '' '' ''
29919	178.84	179.58	0.74	Intermediate to felsic dyke; 5-10% Py.
29920	179.58	180.34	0.76	Intermediate to felsic volcanic porphyritic; 2-4% Py.
29921	180.34	181.00	0.66	Intermediate to felsic dyke; 5-10% Py.
29922	181.00	182.50	1.50	Intermediate to felsic volcanic porphyritic; 2-5% Py.
29923	182.50	184.00	1.50	'' '' '' ''
29924	184.00	185.50	1.50	'' '' '' ''
29925	185.50	187.00	1.50	'' '' '' ''
29926	187.00	188.00	1.00	'' '' '' ''
29927	188.00	188.45	0.45	'' '' '' and 11 cm qcv with tr% Py.
29928	188.45	189.45	1.00	Intermediate to felsic volcanic porphyritic; 2-5% Py.

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29929	189.45	190.95	1.50	'' '' ''
29930	190.95	191.57	0.62	'' '' '' and intermediate dyke; 23 cm bleached zone.
29931	191.57	192.55	0.98	Intermediate to felsic volcanic porphyritic; 2-5% Py.
29932	192.55	193.33	0.78	Intermediate to felsic dyke.
29933	193.33	194.04	0.71	Intermediate to felsic volcanic porphyritic.
29934	194.04	195.00	0.96	Intermediate to felsic dyke.
29935	195.00	196.50	1.50	Intermediate to felsic volcanic porphyritic; 2-3% Py.
29936	196.50	198.00	1.50	'' '' ''
29937	198.00	199.50	1.50	'' '' '' ''
29938	199.50	201.00	1.50	'' '' '' ''
29939	201.00	202.50	1.50	'' '' ''
29940	202.50	204.00	1.50	'' '' '' ''
29941	204.00	205.50	1.50	'' '' '' '' and weakly brecciated in situ.
29942	205.50	206.50	1.00	Intermediate to felsic volcanic porphyritic; 2-3% Py; moderately brecciated in situ.
29943	206.50	207.50	1.00	Intermediate to felsic volcanic porphyritic; 2-3% Py.
29944	207.50	209.00	1.50	'' '' '' ''
29945	209.00	209.79	0.79	'' '' '' ''
29946	209.79	210.49	0.70	Granule conglomerate matrix supported polymictic.

Sample No.	From (m)	To (m)	Width (m)	Remarks
29947	210.49	211.65	1.16	Fault gouge; tr% Py.
29948	211.65	212.65	1.00	Intermediate to felsic volcanic porphyritic; brecciated in situ; 2-3% Py.
29949	212.65	213.65	1.00	Intermediate to felsic volcanic porphyritic.
29950	213.65	214.65	1.00	'' '' '' ''
29951	214.65	215.65	1.00	'' '' '' ''
29952	215.65	216.65	1.00	'' '' '' '' and brecciated in situ.
29953	216.65	218.00	1.35	'' '' '' '' ''
29954	218.00	219.50	1.50	'' '' '' '' ''
29955	219.50	221.00	1.50	'' '' '' ''
29956	221.00	222.50	1.50	Dioritic dyke.
29957	222.50	224.00	1.50	Dioritic dyke and altered intermediate to felsic volcanic schistosed; 2-4% Py.
29958	224.00	225.50	1.50	Altered intermediate to felsic volcanic schistosed; 2-4% Py.
29959	225.50	227.00	1.50	'' '' '' ''
29960	227.00	228.50	1.50	'' '' '' ''
29961	228.50	230.00	1.50	'' '' '' ''
29962	230.00	231.50	1.50	'' '' '' and 31 cm qcv; diorite dyke.
29963	231.50	233.00	1.50	Altered intermediate to felsic volcanic schistosed; 2-4% Py.
29964	233.00	234.00	1.00	'' '' '' ''

Sample No.	From (m)	To (m)	Width (m)	Remarks
29965	234.00	235.50	1.50	Altered intermediate to felsic volcanic; altered intermediate to felsic volcanic porphyritic; 2-3% Py.
29966	235.50	237.00	1.50	'' '' ''
29967	237.00	238.41	1.41	'' '' '' ''
29968	238.41	239.50	1.09	Altered intermediate to felsic volcanic; 2-4% Py.
29969	239.50	241.00	1.50	'' '' '' ''
29970	241.00	242.50	1.50	'' '' '' ; altered intermediate to felsic volcanic porphyritic.
29971	242.50	244.00	1.50	Altered intermediate to felsic volcanic porphyritic; 2-4% Py.
29972	244.00	245.50	1.50	'' '' '' ''; altered intermediate to felsic volcanic; 2-4% Py.
29973	245.50	247.00	1.50	'' '' '' '' '' ''
29974	247.00	248.50	1.50	'' '' '' '' ''
29975	248.50	250.00	1.50	'' '' '' '' '' ''
29976	250.00	251.00	1.00	'' '' '' '' ''
07-01	36.00	46.00	10.00	Mafic volcanic schistosed.
07-02	46.00	52.21	6.21	'' '' ''
07-03	52.21	62.36	10.15	Gabbro diorite dyke
07-04	62.36	72.00	9.64	Altered intermediate to felsic volcanic porphyritic.
07-05	72.00	81.40	9.40	'' '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
07-06	81.40	91.00	9.60	Altered intermediate to felsic volcanic porphyritic.
07-07	91.00	102.20	11.20	Altered intermediate to felsic flow.
07-08	102.20	112.00	9.80	Altered intermediate to felsic volcanic porphyritic.
07-09	112.00	122.00	10.00	" " "
07-10	122.00	138.76	16.76	" " "
07-11	138.76	148.00	9.24	Sheared intermediate to felsic volcanic altered.
07-12	148.00	158.00	10.00	" " "
07-13	158.00	168.00	10.00	" " "
07-14	168.00	178.56	10.56	" " "
07-15	178.56	188.00	9.44	Altered intermediate to felsic volcanic porphyritic.
07-16	188.00	198.00	10.00	" " "
07-17	198.00	209.79	11.79	" " "
07-18	209.79	212.89	3.10	Conglomerate and fault gouge; minor breccia porphyritic volcanic.
07-19	212.89	222.00	9.11	Altered intermediate to felsic volcanic porphyritic
07-20	222.00	230.86	8.86	Altered intermediate to felsic volcanic schistosed.
07-21	230.86	240.00	9.14	Altered intermediate to felsic volcanic porphyritic.
07-22	240.00	251.00	11.00	" " "

LES EXPLORATIONS NORAMCO INC. H-1434-008

01-14-1988::13:20 DIAMOND DRILL LOG

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	456278-5	Coordinates:	44+35E , 56+75S MTM
Azimuth:	195 degrees	Dip:	-50 degrees	Length:	236 meters
Logged By:	Alain Chevalier	Casing:	BQ (12m NW)	Elevation:	Surface
Date Started:	Oct. 19 1987	Date Completed:	Oct. 21 1987	Date Logged:	Nov. 3 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 1987	Drill Company:	Bradley Bros.
Overburden:	30 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	30 m		-50 deg.
# 2.	125 m		-50 deg.
# 3.	236 m		-50 deg.

Purpose

Intersect 1 H.E.M. axis on 3555 Hz frequencies and 2 air mag lineament (1:10000) on each side of a mag with an amplitude of 200 gammas.

Conclusions

Intersect from 75.7-76.7 Greywacke schistosity 35-40 deg. cax. .76.75-77.54 Greywacke 15-20% quartz vein 2 schistosity 45-50 deg. cax. and sub-parallel.
87.05-89.2 Argillite 15-20% quartz vein 5-10% magnetite in broken veinlets. 169.21-172.5 Greywacke 10-15% magnetite veinlets.

Recommendations

If good assay result are obtained further drilling are proposed to extend the zone.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	30.0	OVERBURDEN		
30.0	236.0	GREYWACKE	Pyrite (trace as diss)	Carbonate (moderate as p) Chlorite (weak to moder)
43.6	74.8	GREYWACKE	Magnetite (10-15% dissem) Pyrite (trace dissemi)	Carbonate (moderate as p) Chlorite (weak to moder)
74.8	94.1	SHEARED ZONE	Pyrite (trace-1% diss) Magnetite (trace-1% as f)	Sericite (moderate to s) Chlorite (moderate as p) Carbonate (moderate as p)
105.6	111.3	ARGILLITE (SIZE SEDIMENT)	Pyrite (tr-1% as fine)	Chlorite (moderate to h) Carbonate (moderate as p) Garnet (5-10% as grai)
212.0	236.0	GREYWACKE	Pyrite (tr-1% as diss)	Carbonate (moderate as p) Garnet (tr-1% as diss) Chlorite (weak as perva)
236.0		END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	30.0	OVERBURDEN												
30.0	**236.0**	**GREYWACKE**												
		Dark Grey-Green to Grey	28964	42.57	43.57	1.00	0.03							
		-: This unit is composed of greywacke moderately to highly schistosed.												
		-: 5-10% quartz eyes (1-5mm)												
		Medium Grained												
		Lower Contact												
		Schistosity: S1 at 45 deg. parallel to the bedding. Deg. Cax.												
		5-10% Quartz-Carbonate Veining at 45 deg. and random. Deg. Cax. -- Avg. Width 1-5mm												
		Pyrite: trace as disseminated grains idiomorphics.												
		Carbonate Alteration: moderate as pervasive as veinlets (1-2mm) and as blebs (1-5mm).												
		Chlorite Alteration: weak to moderate as pervasive.												
		Weakly Magnetic -m												
		Non Conductive												
		----------Sub Units----------												
		43.6 74.8 GREYWACKE												
		Dark Grey-Green to Grey	28965	43.57	45.00	1.43	0.03							
		-: The unit is mainly a greywacke with veins highly magnetised	28966	45.00	46.00	1.00	nil							
			28967	46.00	47.00	1.00	nil							
		-: The veins can be little iron formations intercalated in greywacke or magnetite veins?	28968	47.00	48.00	1.00	nil							
			28969	48.00	49.00	1.00	0.03							
		Fine to Medium Grained	28970	49.00	50.00	1.00	0.03							
		Schistosity: S1 at 45 50 Deg. Cax.	28971	50.00	51.00	1.00	nil							
		Lower Contact at 45 Deg. Cax.	28972	51.00	51.63	0.63	nil							
		5-10% Quartz-Carbonate Veining at 45 and random Deg. Cax.	28973	51.63	52.43	0.80	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		-- Avg. Width 1-5mm	28974	52.43	53.49	1.06	nil							
		Magnetite: 10-15% disseminated and as veins (.5-1cm) and as veinlets (1-2mm).	28975	53.49	54.06	0.57	nil							
		Pyrite: trace disseminated as idiomorphic fine to medium grains.												
		Carbonate Alteration: moderate as pervasive	28976	54.06	54.86	0.80	nil							
		Chlorite Alteration: weak to moderate as pervasive.	28977	54.86	56.00	1.14	nil							
		Moderately Magnetic -s	28978	56.00	57.00	1.00	nil							
		Non Conductive	28979	57.00	58.00	1.00	nil							
			28980	58.00	59.37	1.37	nil							
		51.63-52.43 Sand seam	28981	59.37	59.80	0.43	nil							
		53.49-53.72 Greywacke band highly carbonatised as pervasive.	28982	59.80	61.00	1.20	nil							
		54.06-54.86 Greywacke medium to coarse grains light grey with 5-10% quartz eyes (1-4mm) weak to moderate leucoxene alteration.	28983	61.00	62.00	1.00	nil							
			28984	62.00	63.00	1.00	nil							
			28985	63.00	64.00	1.00	nil							
		S1 moderately developed 45 deg. cax. all the section are moderately carbonatised.	28986	64.00	65.00	1.00	nil							
		58.21-59.37 same as 54.06-54.86												
		72.93-74.84 Greywacke coarse grains same as 54.06-54.86												
			28987	65.00	66.00	1.00	nil							
			28988	66.00	67.00	1.00	nil							
			28989	67.00	68.00	1.00	nil							
			28990	68.00	69.00	1.00	nil							
			28991	69.00	70.00	1.00	nil							
			28992	70.00	71.00	1.00	nil							
			28993	71.00	72.00	1.00	nil							
			28994	72.00	72.93	0.93	nil							
			28995	72.93	74.00	1.07	nil							
			28996	74.00	74.84	0.84	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		74.8 94.1 SHEARED ZONE												
		Dark Grey-Green to Light-Green	28997	74.84	75.70	0.86	nil							
		-: This sub-unit have the same composition then the main	28998	75.70	76.70	1.00	nil							
		one except contain	28999	76.70	77.64	0.94	nil							
		-: Sheared zone and brecciated zone fluid injected.	29000	77.64	78.64	1.00	nil							
		Fine to Medium Grained												
		Lower Contact gradual	29001	79.80	80.41	0.61	nil							
		Schistosity: S1 at 45-50 Deg. Cax.	29002	80.41	81.90	1.49	nil							
		10-15% Quartz-Carbonate Veining at 45 and random and as	29003	81.90	83.00	1.10	nil							
		broken veinlets Deg. Cax. -- Avg. Width 1-7mm	29004	83.00	84.60	1.60	nil							
		Pyrite: trace-1% disseminated and as blebs (1-5mm)	29005	84.60	85.50	0.90	nil							
		Magnetite: trace-1% as fragments concentrated between	29006	85.50	85.96	0.46	nil							
		87-89.5	29007	85.96	87.00	1.04	nil							
		Sericite Alteration: moderate to strong concentrate	29008	87.00	88.00	1.00	nil							
		from:75.7-76.2;77.64-79.8.	29009	88.00	89.00	1.00	0.03							
		Chlorite Alteration: moderate as pervasive	29010	89.00	90.36	1.36	0.03							
		Carbonate Alteration: moderate as pervasive and as	29011	90.36	91.20	0.84	nil							
		veinlets (1-3mm)	29012	91.20	92.00	0.80	nil							
		Non Magnetic	29013	92.00	93.00	1.00	nil							
		Non Conductive	29014	93.00	93.40	0.40	0.07							
			29015	93.40	94.06	0.66	0.04							
		74.84-75.7 Fractured core .Schistosity moderately developed	29016	94.06	95.00	0.94	nil							
		10-15% quartz veinlets with 1-5%pyrite.	29017	95.00	96.50	1.50	nil							
		75.7-76.7 Moderately to highly sericitised zone schistosity												
		moderately to highly 35-40 deg. cax. trace-1% pyrite as	29018	101.60	102.60	1.00	0.09							
		disseminated grains.	29019	102.60	103.29	0.69	nil							
		76.7-76.75 Fault gouge (mud) highly carbonatised and	29020	103.29	103.75	0.46	nil							
		chloritised.	29021	103.75	105.00	1.25	nil							
		76.75-77.54 Greywacke 15-20% quartz veins affect by	29022	105.00	105.62	0.62	0.03							
		boudinage give quartz veinlets (1-7mm) fragmental looks.												

From (m)	To (m)	Description
		All this zone are affect by two schistosity:
		S1 45-50 deg. cax and S2 sub-parallel to the core axis 1-2% pyrite disseminated as fine grains.
		77.54-77.64 Quartz vein U.C.45 deg.cax L.C. 35-40 deg. cax.
		77.64-79.8 same as 75.7-76.7 except 5-10% quartz vein affect by boudinage with 5-10% fine pyrite associate
		79.8-82.75 same as 76.75-76.54 except just 5-10% quartz veinlets affect by boudinage.
		80-83 75% of recuperation moderately fractured core.
		84.6-85.90 Greywacke with 20-25% quartz composition as grains (1mm-7mm) trace of fuschite (85.22-85.26) weak leucoxene alteration.
		87.05-89.2 Argillite size sediment bedding moderately developed 45 deg.cax. 15-20% quartz carbonate veinlets (1-7mm) broken at random cax. 5-10% magnetite
		broken veinlets (1-5mm) disseminated 1-5% pyrite as veinlets (1-2mm) and as fine grains disseminated mainly associate with quartz veinlets.
		89.2-90.36 Greywacke brecciated in situ with 20-25% quartz veins (1mm-2cm) equally brecciated in situ 1-2% pyrite disseminated fine idiomorphics grains.
		90.36-91.18 same as 76.54-76.75
		91.18-91.28 Quartz vein 10% chlorite veinlets 1-2% fuschite as flecks 1-2mm.
		91.28-91.75 Greywacke medium to coarse grains with 10-15% mafic grains (1-5mm)chloritised.
		91.75-93 Greywacke medium grains 10-15% quartz fragments (1-3mm). Moderately carbonatised and limonitised as veins and pervasive iron carbonate alteration?
		93-93.21 Greywacke same as 84.6-85.9
		93.21-93.33 Quartz vein with 1-5% pyrite as fine idiomorphic grains.
		93.33-94.06 Greywacke fine to medium grains with 5-10%

Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		cherty brecciated bands (1-7mm) 1-2% pyrite as fine idiomorphic grains.												
		105.6 111.3 ARGILLITE (SIZE SEDIMENT)												
		Dark Green to Light-Grey	29023	105.62	106.62	1.00	nil							
		-: This sub unit are argillite to greywacke size sediment	29024	106.62	108.00	1.38	0.04							
		moderately to highly chloritised.	29029	108.00	109.00	1.00	0.03							
		Fine to Medium Grained												
		Lower Contact at 45 deg. Deg. Cax.	29030	123.80	124.37	0.57	nil							
		Schistosity: S1 at 45 moderately to well developed Deg. Cax.	29031	124.37	125.29	0.92	0.07							
		5-10% Quartz-Carbonate Veining at 45 random Deg. Cax. --	29032	125.29	126.00	0.71	nil							
		Avg. Width 1-5mm												
		Pyrite: tr-1% as fine grains disseminated	29033	138.13	139.13	1.00	nil							
		Chlorite Alteration: moderate to high as pervasive.	29034	139.13	140.50	1.37	nil							
		Carbonate Alteration: moderate as pervasive and as												
		veinlets (1-5mm) 45 deg. random.	29035	167.47	168.96	1.49	0.23							
		Garnet Alteration: 5-10% as grains (1-3mm) disseminated.	29036	168.96	170.00	1.04	nil							
		Non Magnetic	29037	170.00	171.00	1.00	nil							
		Non Conductive	29038	171.00	172.00	1.00	0.05							
			29039	172.00	172.50	0.50	nil							
		102.6-103.29 Greywacke brecciated in situ 20-25% specular	29040	172.50	173.91	1.41	nil							
		hematite broken vein (2mm-1.5cm)												
		103.29-103.63 Greywacke 1-2% pyrite tr-1% hematite	29041	177.00	177.77	0.77	nil							
		103.63-105.62 Greywacke 30-35% of broken veinlets (1-5mm)	29042	177.77	178.87	1.10	nil							
		105.62-105.82; 108.23-108.7 highly chloritised zone as	29043	178.87	180.00	1.13	nil							
		pervasive.												
		105.82-106.59 Highly schistosed argillite S1 are at: 45	29044	185.00	186.07	1.07	nil							
		deg.cax. S2 less developed 10 deg.cax.	29045	186.07	186.40	0.33	nil							
		102.6-103.29 Greywacke brecciated in situ 20-25% specular	29046	186.40	188.00	1.60	nil							
		hematite in broken vein (2mm-1.5cm)												
		103.29-103.63 Greywacke 1-2% pyrite tr-1% hematite	29047	200.00	200.83	0.83	nil							
		103.63-105.62 Greywacke 30-35% of broken veinlets (1-5mm)	29048	200.83	202.15	1.32	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		of chlorite hematite. Trace-1% garnet disseminated.	29049	202.15	203.15	1.00	nil							
		111.32-112.69 Sandstone banded 35-40 deg. cax. (1-5mm)	29050	203.15	204.25	1.10	nil							
		118.07-118.29 Greywacke 50-60% hematised veinlets (1-7mm)	29051	204.25	205.00	0.75	nil							
		tr-1% pyrite.	29052	205.00	206.14	1.14	nil							
		119.05-122.20 Moderately to highly schistosed at 45deg. cax.	29053	206.14	207.14	1.00	0.13							
		124.17-124.37 Sandstone brecciated in situ fine to medium grain 1-2% pyrite.												
		125.69-126 Greywacke with 75% of quartz veining 1-2% pyrite.												
		130.28-140.5 Greywacke 5-10% quartz eyes 1-5mm 1-5% garnet (1-3mm)												
		. (138.13-139.36) 20-25% garnet alteration in grains sub-angular in quartz veins. Contain 10-15% quartz veins.												
		145-145.63;146.06 146.32 Greywacke 10-15% carbonate patch (1-2mm)												
		149-151.55 Greywacke medium grain tr-1% pyrite fine grains.												
		158.45-159.8 Greywacke medium grain affect by boudinage give a mottled appearance.												
		167.47-168.96 Greywacke bedding well developed 45 deg.cax 1-2% garnet 1-2mm weak leucoxene alteration.												
		168.96-169.2 Vein bleached moderately sericitised 5-10% quartz veining tr-1% fuschite.												
		169.21-172.5 Greywacke 10-15% magnetite rich broken veinlets (1-5mm) oriented 45 deg.cax.												
		10-15% quartz veins (1mm-5cm) at 45 deg. cax. mainly broken in place 1-2% pyrite fine grains disseminated and as veinlets.												
		177.77-178.87 Greywacke 5-10% quartz veins broken (2mm-4cm) broken in place.												
		184.64-186.07 Greywacke 10-15% carbonate blebs (1-3mm) 1-2% quartz eyes.												
		186.07-187.42 Greywacke medium grain 15-20% quartz grains or eyes (1-3mm) surround by calcite.												
		200.83-202.15 Greywacke to argillite size sediment												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		moderately to highly chloritised 5-10% magnetite rich veins (2mm-3cm).												
		204.25-204.54 Greywacke same as 145-145.63												
		204.54-206.14 Greywacke to argillite size sediment same as 200.83-202.15												
		206.14-207.9 Greywacke medium grain 5-10% quartz grains 1-2% quartz vein 45deg cax. and random.												
		209.89-210.8 greywacke same as 145-145.68												
		212.0 236.0 GREYWACKE												
		Dark Grey-Green to Green												
		Medium Grained	29054	228.72	229.80	1.08	nil							
		Lower Contact E.O.H.	29055	229.80	231.30	1.50	nil							
		Schistosity: S1 SUB-PARALLEL TO THE SCHISTOSITY. at 45 deg. Deg. Cax.												
		1-5% Quartz-Carbonate Veining at 45 and random Deg. Cax. -- Avg. Width 1-2mm												
		Pyrite: tr-1% as disseminated medium grains												
		Carbonate Alteration: moderate as pervasive and as blebs												
		Garnet Alteration: tr-1% as disseminated grains (1-2mm)												
		Chlorite Alteration: weak as pervasive												
		Non Magnetic												
		Non Conductive												
		227.72-233 Greywacke 1-5% garnet (1-3mm) disseminated 5-10% quartz veinlets (1-5mm) 45 deg. and random angle.												
		(230.3-230.4) quartz vein 1-2% tourmaline veinlets (.5-1mm) tr pyrite.												
		(230.56-230.62) Garnet rich vein 40% garnet surround with quartz.												
0.0		**SAMPLE INTERVALS**												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Fire Assay Samples : 28964 to 29055 Lithogeochem Samples: 08-01 to 08-23												
236.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
08-01	30.00	43.57	13.57	nil	6	nil						74		nil									nil								102
08-02	43.57	53.99	10.42	nil	6	6						95		nil									nil								124
08-03	53.99	64.42	10.43	nil	10	nil						65		nil									nil								109
08-04	64.42	74.84	10.42	nil	10	nil						69		nil									nil								119
08-05	74.84	87.05	12.21	8	nil	17						72		nil									nil								58
08-06	87.05	89.20	2.15	9	11	nil						158		nil									nil								119
08-07	89.20	94.06	4.86	nil	nil	nil						117		nil									nil								51
08-08	94.06	105.62	11.56	nil	8	nil						106		nil									nil								82
08-09	105.62	111.32	5.70	nil	7	nil						128		nil									nil								92
08-10	111.32	122.90	11.58	nil	nil	nil						92		nil									nil								71
08-11	122.90	134.45	11.55	4	nil	nil						109		nil									nil								79
08-12	134.45	146.05	11.60	nil	6	8						104		nil									nil								71
08-13	146.05	157.63	11.58	nil	9	nil						114		nil									nil								76
08-14	157.63	169.21	11.58	nil	6	nil						137		nil									nil								87
08-15	169.21	172.50	3.29	5	9	nil						80		nil									nil								114
08-16	172.50	186.66	14.16	5	nil	6						106		nil									nil								85
08-17	186.66	200.83	14.17	nil	nil	nil						87		nil									nil								87

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
08-18	200.83	202.15	1.32	nil	7	nil						94		nil									nil								107
08-19	202.15	212.00	9.85	nil	9	nil						81		nil									nil								71
08-20	212.00	219.86	7.86	nil	nil	7						106		nil									nil								71
08-21	219.86	227.72	7.86	nil	7	nil						76		nil									nil								79
08-22	227.72	233.00	5.28	2	nil	nil						84		nil									nil								76
08-23	233.00	236.00	3.00	nil	nil	nil						69		nil									nil								80

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
28964	42.57	43.57	1.00	Greywacke 1-5% quartz eyes 1-2% pyrite.
28965	43.57	45.00	1.43	Greywacke 10-15% magnetite rich veins highly chloritised.
28966	45.00	46.00	1.00	Greywacke 10-15% magnetite rich veins highly chloritised 1-2% po.
28967	46.00	47.00	1.00	Greywacke tr-1% magnetite tr-1% pyrite.
28968	47.00	48.00	1.00	'' ''
28969	48.00	49.00	1.00	'' ''
28970	49.00	50.00	1.00	'' ''
28971	50.00	51.00	1.00	'' ''
28972	51.00	51.63	0.63	'' ''
28973	51.63	52.43	0.80	Sandstone
28974	52.43	53.49	1.06	Greywacke 5-10% magnetite tr-1% py.
28975	53.49	54.06	0.57	Greywacke moderately carbonatised.
28976	54.06	54.86	0.80	Greywacke coarse grain moderately carbonatised.
28977	54.86	56.00	1.14	Greywacke 5-10% magnetite 1-2% pyrite.
28978	56.00	57.00	1.00	Greywacke 5-10% magnetite tr-1% pyrite.
28979	57.00	58.00	1.00	'' ''
28980	58.00	59.37	1.37	Greywacke coarse grain highly carbonatised.
28981	59.37	59.80	0.43	Greywacke 5-10% magnetite

Sample No.	From (m)	To (m)	Width (m)	---------Remarks---------
28982	59.80	61.00	1.20	Greywacke 5-10% magnetite 1-2% pyrite.
28983	61.00	62.00	1.00	''' '''
28984	62.00	63.00	1.00	''''
28985	63.00	64.00	1.00	''' '''
28986	64.00	65.00	1.00	''' ''
28987	65.00	66.00	1.00	''''' ''
28988	66.00	67.00	1.00	'''
28989	67.00	68.00	1.00	''' ''
28990	68.00	69.00	1.00	''' ''
28991	69.00	70.00	1.00	''''
28992	70.00	71.00	1.00	''' ''
28993	71.00	72.00	1.00	'''' ''''
28994	72.00	72.93	0.93	Greywacke moderately carbonatised 1-5% magnetite.
28995	72.93	74.00	1.07	Greywacke coarse grain moderately carbonatised trace pyrite.
28996	74.00	74.84	0.84	''''' '''
28997	74.84	75.70	0.86	Greywacke highly chloritised 1-5% pyrite.
28998	75.70	76.70	1.00	Greywacke moderately to highly sericitised
28999	76.70	77.64	0.94	Greywacke medium to coarse grains 15-20% quartz vein 1-2% pyrite.

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29000	77.64	78.64	1.00	Greywacke moderately to highly sericitised 5-10% pyrite in veinlets
29001	79.80	80.41	0.61	Greywacke medium to coarse grain trace of pyrite.
29002	80.41	81.90	1.49	Highly fractured core trace-1% pyrite.
29003	81.90	83.00	1.10	Greywacke 1-2% pyrite.
29004	83.00	84.60	1.60	''' '''
29005	84.60	85.50	0.90	Greywacke quartz rich tr-1% pyrite
29006	85.50	85.96	0.46	''' ''
29007	85.96	87.00	1.04	Greywacke 10-15% quartz vein
29008	87.00	88.00	1.00	Argillite highly chloritised 1-5% pyrite.
29009	88.00	89.00	1.00	''' '''
29010	89.00	90.36	1.36	Argillite +10-15% cherty bands 1-2% pyrite +5-10% quartz veining.
29011	90.36	91.20	0.84	Greywacke +10-15% quartz grains
29012	91.20	92.00	0.80	Greywacke medium to coarse grains tr-1% py.
29013	92.00	93.00	1.00	Greywacke medium to coarse grain limonitised.
29014	93.00	93.40	0.40	Greywacke +quartz vein
29015	93.40	94.06	0.66	Greywacke 5-10% chert veins 1-2% pyrite.
29016	94.06	95.00	0.94	Greywacke 1-2% pyrite
29017	95.00	96.50	1.50	'' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29018	101.60	102.60	1.00	Greywacke to argillite size sediment 1-2% garnet tr py moderately chloritised.
29019	102.60	103.29	0.69	Greywacke brecciated 20-25% specular hematite tr-1% pyrite.
29020	103.29	103.75	0.46	Greywacke brecciated 10-15% specular hematite tr-1% py
29021	103.75	105.00	1.25	'' ''
29022	105.00	105.62	0.62	'' ''
29023	105.62	106.62	1.00	Greywacke highly chloritised
29024	106.62	108.00	1.38	Greywacke 10-15% quartz grains.
29029	108.00	109.00	1.00	Greywacke highly chloritised 5-10% garnet
29030	123.80	124.37	0.57	Greywacke+Sandstone 1-2% fine pyrite
29031	124.37	125.29	0.92	''' '''
29032	125.29	126.00	0.71	Greywacke +50% quartz veining 1-2% py
29033	138.13	139.13	1.00	Greywacke 10-15% garnet 5-10% quartz quartz veining
29034	139.13	140.50	1.37	Greywacke 1-5% garnet 1-5% quartz eyes
29035	167.47	168.96	1.49	Greywacke 1-2% garnet tr-1% py
29036	168.96	170.00	1.04	Greywacke 10-15% quartz veining 1-5% magnetite 1-2% garnet
29037	170.00	171.00	1.00	''' '''+5-10% magnetite
29038	171.00	172.00	1.00	'' '' ''
29039	172.00	172.50	0.50	'' '' '''

Sample No.	From (m)	To (m)	Width (m)	Remarks
29040	172.50	173.91	1.41	Greywacke 1-5% quartz eyes
29041	177.00	177.77	0.77	Greywacke coarse 5-10% leucoxene
29042	177.77	178.87	1.10	Greywacke medium grain 10-15% quartz vein tr py 5-10% leucoxene
29043	178.87	180.00	1.13	Greywacke tr py 5-10% leucoxene
29044	185.00	186.07	1.07	" "
29045	186.07	186.40	0.33	Greywacke coarse grain 10-15% quartz grains tr py 5-10% leucoxene
29046	186.40	188.00	1.60	Greywacke medium grain
29047	200.00	200.83	0.83	Greywacke to argillite 1-5% garnet.
29048	200.83	202.15	1.32	Greywacke to argillite 10-15% magnetite
29049	202.15	203.15	1.00	Greywacke 1-5% garnet
29050	203.15	204.25	1.10	Greywacke tr py
29051	204.25	205.00	0.75	Greywacke 10-15% magnetite 1-2% pyrite
29052	205.00	206.14	1.14	Greywacke to argillite 1-2% magnetite
29053	206.14	207.14	1.00	Greywacke coarse grain tr py
29054	228.72	229.80	1.08	Greywacke 1-5% garnet
29055	229.80	231.30	1.50	Greywacke 10-15% quartz veining 5-10% garnets

LES EXPLORATIONS NORAMCO INC. H-1434-009

01-14-1988::13:26 DIAMOND DRILL LOG

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	456273-1	Coordinates:	56+00E , 68+25S MTM
Azimuth:	180 degrees	Dip:	-50 degrees	Length:	236 meters
Logged By:	Alain Chevalier	Casing:	Bq (28m BW 19m NW)	Elevation:	Surface
Date Started:	Sept. 20 1987	Date Completed:	Sept. 23 1987	Date Logged:	Nov. 08 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 1987	Drill Company:	Bradley Bros.
Overburden:	70 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	70 m		-50 deg.
# 2.	125 m		-47 deg.
# 3.	236 m		-43 deg.

Purpose

Intersect 3 field mag (1:50000) in a linear low mag amplitude of 55 gammas.

Recommendations

If one horizon give good assay result further drilling are recommand to extent this zone.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	**70.0**	**OVERBURDEN**		
70.0	**236.0**	**GABBRO-DIORITE**	Pyrite (trace to 1% a)	Chlorite (weak as perva) Carbonate (weak as veinl)
70.0	77.2	GABBRO-DIORITE	Pyrite (trace as diss)	Chlorite (weak as perva) Carbonate (moderate as v)
77.2	87.2	DIORITE OR INTERMEDIATE FLOW	Pyrite (trace to 1% a)	Chlorite (weak to moder) Carbonate (moderate as p)
118.5	121.8	ASH TO LAPILLI TUFF (INTERMEDIATE)	Pyrite (trace associa)	Chlorite (weak to moder)
125.2	126.5	TUFF ASH TO LAPILLI (INTERMEDIATE)		
136.3	143.0	DIORITE (ALTERED)	Pyrite (trace to 1% d)	Sericite (weak as perva) Silica (moderate as v)
148.1	155.5	LAPILLI TO BLOCKY TUFF (INTERMEDIATE)	Pyrite (tr-1% associa)	Chlorite (weak to moder) Carbonate (moderate affe) Sericite (moderate affe)
155.6	157.3	INTERMEDIATE FLOW	Pyrite (trace as a ve)	Chlorite (moderate as p) Carbonate (weak as veinl)

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
157.3	158.0	LAPILLI TO ASH TUFF (INTERMEDIATE)		
160.6	162.4	QUARTZ FELDSPAR PORPHYRIES DYKE		Silica (moderate as p) Carbonate (weak as veinl)
162.4	166.5	LAPILLI TO ASH TUFF (INTERMEDIATE)	Tourmaline (race of pyrite)	
173.4	175.1	LAPILLI TO ASH TUFF (INTERMEDIATE)		
176.7	177.9	LAPILLI TO ASH TUFF (INTERMEDIATE)		
178.2	181.6	LAPILLI TO ASH TUFF (INTERMEDIATE)		
182.9	188.1	LAPILLI TO BLOCKY TUFF (INTERMEDIATE)	Pyrite (1-2% as veinl)	Chlorite (weak to moder) Carbonate (weak as perva)
214.8	229.2	DIORITE	Pyrite (1-2% as idiom)	Silica (as veins and) Carbonate (weak as veinl)

236.0 END OF HOLE.

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	70.0	OVERBURDEN												
70.0	**236.0**	**GABBRO-DIORITE**												
		Dark Grey-Green to Green -: This unit are a massive gabro-diorite with minor feldspar porphyries Fine to Medium Grained Lower Contact 5-10% Quartz-Carbonate Veining at 45 and random Deg. Cax. -- Avg. Width 1-4mm Pyrite: trace to 1% as disseminated fine grains and medium Chlorite Alteration: weak as pervasive Carbonate Alteration: weak as veinlets (1-2mm) Non Magnetic Non Conductive												
		----------Sub Units----------												
		70.0 77.2 GABBRO-DIORITE												
		Dark Green to Light-Green -: this unit are an altered diorite Fine to Medium Grained Lower Contact at 45 Deg. Cax. 5-10% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-5mm Pyrite: trace as disseminated grains Chlorite Alteration: weak as pervasive Carbonate Alteration: moderate as veinlets (1-2mm) Non Magnetic Non Conductive	29056	76.52	77.21	0.69	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		70-70.16;70.48-70.56;70.68-70.8;72.08-72.32 Bleached diorite moderately silicified tr-1% hematite (1-2mm)												
		77.2 87.2 DIORITE OR INTERMEDIATE FLOW												
		Dark Green to Light-Green	29057	77.21	78.21	1.00	nil							
		-: This unit can be a schistosed diorite or intermediate flow	29058	78.21	79.21	1.00	nil							
			29059	79.21	80.19	0.98	nil							
		Fine to Medium Grained	29060	80.19	80.88	0.69	nil							
		Lower Contact at 85 Deg. Cax.	29061	80.88	81.46	0.58	nil							
		Schistosity: S1 at 45 deg. Deg. Cax.	29062	81.46	82.46	1.00	nil							
		10-15% Quartz-Carbonate Veining at 45 and random Deg. Cax.	29063	82.46	82.93	0.47	nil							
		-- Avg. Width 1mm-10cm	29064	82.93	83.58	0.65	0.08							
		Pyrite: trace to 1% as disseminated grains.	29065	83.58	84.35	0.77	nil							
		Chlorite Alteration: weak to moderate as pervasive	29066	84.35	85.50	1.15	nil							
		Carbonate Alteration: moderate as pervasive												
		Non Magnetic												
		Non Conductive												
		80.88-81.46 Quartz vein 10-15% chlorite vein (1-5cm) tr-1% sericite as veinlets (1-2mm)												
		82.05-82.93 35-40% quartz veining (1-7cm) at random angle												
		83.58-84.35 Quartz vein 20-25% chlorite intermixed.												
		118.5 121.8 ASH TO LAPILLI TUFF (INTERMEDIATE)												
		Dark Green to Light-Green												
		-: This sub-unit have a detritic composition with fragment ash to lapilli size.												
		-: Matrix or guangue are ash tuff size and fragments have a lapilli size with												
		-: an epiclastic composition.Most of the fragments are brecciated in situ.												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Lower Contact at 85 Deg. Cax. Schistosity: S1 at 75 to 65 deg. Deg. Cax. 1-2% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-5mm Pyrite: trace associate with fragments Chlorite Alteration: weak to moderate affecting the matrix or guangue. Non Magnetic Non Conductive Fragments of lapilli size have a composition of 65% intermediate to mafic and 35% intermediate to felsic origin. fragments have a bad sorting and the matrix or guangue are 20% of the composition. 119-119.39;121.43-121.6 Mafic block of dioritic composition moderately carbonatised. 121.79-122.7 Ash tuff light grey green 5-10% fragments (1-1.5mm) (122.63-122.71) Ash to lapilli tuff.												
125.2	126.5	**TUFF ASH TO LAPILLI (INTERMEDIATE)** Same as 118.5-121.79 -: Contain 1-2% garnet (1-1.5mm) 126.52-127.83 Diorite with 5-10% feldspar plagioclase porphyries (1-3mm)												
136.3	143.0	**DIORITE (ALTERED)** Light Grey to Grey-Green -: This sub unit are a diorite weakly sericitised.	29067	136.58	138.04	1.46	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		-: with quartz veins crosscut.	29068	138.04	138.61	0.57	nil							
		Fine to Medium Grained	29069	138.61	139.61	1.00	nil							
		Lower Contact gradual	29070	139.61	140.80	1.19	nil							
		20-25% Quartz-Carbonate Veining at Random Angles -- Avg. Width 2-5cm	29071	142.50	143.00	0.50	nil							
		Pyrite: trace to 1% disseminated as fine grains.	29072	143.00	144.00	1.00	nil							
		Sericite Alteration: weak as pervasive	29073	144.00	145.50	1.50	nil							
		Silica Alteration: moderate as veins and veinlets												
		Non Magnetic												
		Non Conductive												
		136.28-143.0 Gabbro-diorite grey green fine to medium grain with 5-10% mafic grains elongated giving a foliation of 45 deg.cax.												
		(136.53-136.58) (137.9-138.04) (138.49-138.61) (140.0-140.8) Quartz veins with 5-10% chloritics fragments or veinlets.												
148.1	155.5	**LAPILLI TO BLOCKY TUFF (INTERMEDIATE)**												
		Dark Green to Light-Green												
		-: This sub-unit have 75% fragments lapilli to blocky size fragments intermediate to felsic origin.												
		UNDEFINED CODE: 5-30% of it have a felsic porphyritic flow origin and porphyries are composed at 90% of quartz.												
		-: Guangue are mafic ash size and chloritised												
		Lower Contact at 70 Deg. Cax.												
		Foliation at 60 Deg. Cax.												
		1-2% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-2mm												
		Pyrite: tr-1% associate with the fragments.												
		Chlorite Alteration: weak to moderate affecting the guangue and 20% of the fragments.												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Carbonate Alteration: moderate affecting the guangue as pervasive and fragments . Sericite Alteration: moderate affecting 10-15% of the fragments giving a tan colour. Non Magnetic Non Conductive 1-5% of composition are intermediate flow blocky size moderately carbonatised.												
		155.6 157.3 INTERMEDIATE FLOW Dark Green Fine to Medium Grained Lower Contact at 45 Deg. Cax. Schistosity: S1 at 75 Deg. Cax. 1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-5mm Pyrite: trace as a veinlet Chlorite Alteration: moderate as pervasive Carbonate Alteration: weak as veinlets (1-3mm) Non Magnetic Non Conductive												
		157.3 158.0 LAPILLI TO ASH TUFF (INTERMEDIATE) Same as 118.5-121.79 157.52-157.75 Intermediate flow block.	29074	159.57	160.57	1.00	nil						
		160.6 162.4 QUARTZ FELDSPAR PORPHYRIES DYKE Light Grey	29075	160.57	161.57	1.00	nil						

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		-: This sub-unit are composed of 50-60% feldspar and 5-10% quartz porphyries .	29076	161.57	162.40	0.83	nil							
		Fine to Medium Grained												
		Lower Contact at 45 Deg. Cax.												
		Upper Contact at 50 Deg. Cax.												
		1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-7mm												
		Silica Alteration: moderate as pervasive and as veinlets (1-2mm).												
		Carbonate Alteration: weak as veinlets (1-2mm)												
		Non Magnetic												
		Non Conductive												
		161.7-161.85;162.12;162.18 K feldspar vein and veinlets.												
		162.4 166.5 LAPILLI TO ASH TUFF (INTERMEDIATE)												
		Same as 118.5-121.79	29077	162.40	163.40	1.00	nil							
		-: Contain tr-1% hematised fragments.												
		Tourmaline: race of pyrite												
		173.4 175.1 LAPILLI TO ASH TUFF (INTERMEDIATE)												
		Same as 118.5-121.79												
		-: Contain 5-10% K feldspar fragments (1-2mm)												
		-: Lapilli are 50% of the composition 50% are ash tuff size and composed the guangue.												
		176.7 177.9 LAPILLI TO ASH TUFF (INTERMEDIATE)												
		Same as 118.5-121.79												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		178.2 181.6 LAPILLI TO ASH TUFF (INTERMEDIATE)												
		Same as 173.41-175.1												
		182.9 188.1 LAPILLI TO BLOCKY TUFF (INTERMEDIATE)												
		Dark Green to Grey-Green												
		-: The sub-unit are blocky to lapilli size with zone of more lapilli and ash	29078	202.10	202.58	0.48	nil							
		-: tuff	29079	203.78	204.78	1.00	nil							
		Lower Contact at 80 Deg. Cax.												
		Foliation at 45-50 Deg. Cax.												
		1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-5mm												
		Pyrite: 1-2% as veinlets of fine grains (1-4mm)												
		Chlorite Alteration: weak to moderate affecting the sub-unit as pervasive and lapilli												
		Carbonate Alteration: weak as pervasive and as veinlets (1-2mm).												
		Non Magnetic												
		Non Conductive												
		186.08-187.67 Ash tuff with 35-40% lapilli size fragments.												
		.												
		.												
		.												
		190.54-192.21;193.77-194.56 Altered Diorite light grey a weak sericitisation give a light grey colour 1-5% sericite veinlets .												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		1mm to 1cm. 1-2% pyrite disseminated as veinlets of fine grains (1-2mm).												
		202.31-202.58 Diorite with 20% quartz veining.												
		203.78-203.88 Quartz vein with 15% chlorite vein												
		214.8 229.2 DIORITE												
		Dark Green to Grey-Green												
		-: This sub-unit are mainly a diorite schistosed.	29080	220.63	221.17	0.54	0.03							
		Fine to Medium Grained	29081	221.17	222.17	1.00	nil							
		Lower Contact gradual	29082	222.17	223.17	1.00	nil							
		Schistosity: S1 at 80-85 Deg. Cax.	29083	223.17	223.85	0.68	nil							
		30-35% Quartz-Carbonate Veining at 80 to 85 deg. cax. Deg.	29084	223.85	224.85	1.00	nil							
		Cax. -- Avg. Width 1mm-5cm	29085	224.85	225.85	1.00	nil							
		Pyrite: 1-2% as idiomorphic fine to medium grains.	29086	225.85	226.85	1.00	nil							
		Silica Alteration: as veins and veinlets (1mm-5cm) along	29087	226.85	227.85	1.00	0.04							
		the schistosity.	29088	227.85	229.21	1.36	nil							
		Carbonate Alteration: weak as veinlets (1-5mm) and as												
		pervasive	29089	231.82	233.14	1.32	nil							
		Non Magnetic												
		Non Conductive												
		226.85-229.21 40-45% quartz veining (2mm-7cm) at random angle trace of chalcopyrite												
		.												
		.												
		.												
		.												
		231.82-232.17 Moderately carbonatised diorite.												
		232.9-233.14 Quartz vein with 20-25% diorite fragments.												
0.0		**SAMPLE INTERVALS**												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Fire Assay Samples : 29056 to 29089 Lithogeochem Samples: 09-01 to 09-26												
236.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
09-01	70.00	77.21	7.21	nil	nil	nil						8		7									nil								49
09-02	77.21	87.17	9.96	nil	6	nil						83		12									nil								68
09-03	87.17	97.61	10.44	nil	7	nil						87		13									nil								115
09-04	97.61	108.06	10.45	nil	6	nil						96		14									nil								109
09-05	108.06	118.50	10.44	nil	5	nil						121		15									nil								88
09-06	118.50	121.79	3.29	nil	8	nil						88		16									0.6								114
09-07	121.79	125.16	3.37	nil	nil	nil						111		11									nil								64
09-08	125.16	126.52	1.36	4	6	nil						74		18									nil								115
09-09	126.52	136.28	9.76	nil	9	nil						48		11									nil								83
09-10	136.28	143.00	6.72	nil	9	nil						8		15									nil								83
09-11	143.00	148.08	5.08	nil	9	nil						108		20									nil								84
09-12	148.08	155.51	7.43	nil	8	nil						72		21									nil								132
09-13	155.51	157.28	1.77	nil	6	nil						63		16									nil								118
09-14	157.28	158.03	0.75	nil	8	nil						82		20									nil								145
09-15	158.03	160.57	2.54	nil	11	nil						67		21									nil								138
09-16	162.40	166.47	4.07	nil	nil	nil						88		18									12.3								112
09-17	166.47	173.41	6.94	nil	10	nil						106		15									3.8								114

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
09-18	173.41	176.70	3.29	nil	9	nil						118		10									16.0								90
09-19	176.70	178.23	1.53	2	nil	nil						108		9									nil								80
09-20	178.23	182.95	4.72	nil	nil	nil						86		15									14.5								122
09-21	182.95	188.15	5.20	nil	nil	nil						82		20									nil								134
09-22	188.15	201.49	13.34	nil	nil	nil						76		15									nil								141
09-23	201.49	214.84	13.35	nil	nil	nil						103		15									nil								85
09-24	214.84	222.02	7.18	nil	8	nil						85		16									nil								106
09-25	222.02	229.21	7.19	1	nil	nil						57		15									nil								89
09-26	229.21	236.00	6.79	nil	7	nil						66		10									27.1								76

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29056	76.52	77.21	0.69	intermediate flow; trace pyrite
29057	77.21	78.21	1.00	diorite sheared; 5-10% quartz-carbonate veinlets
29058	78.21	79.21	1.00	diorite sheared; 5-10% quartz-carbonate veinlets
29059	79.21	80.19	0.98	same as above
29060	80.19	80.88	0.69	same as above
29061	80.88	81.46	0.58	quartz vein; 5-10% chlorite veinlets
29062	81.46	82.46	1.00	diorite 5-10%; quartz-carbonate veinlets
29063	82.46	82.93	0.47	quartz vein 20-25% chloritized vein
29064	82.93	83.58	0.65	diorite 10-15% quartz-carbonate veinlets
29065	83.58	84.35	0.77	quartz vein with 10-15% chloritized veinlets
29066	84.35	85.50	1.15	diorite 10-15% carbonate veinlets
29067	136.58	138.04	1.46	diorite 10-15% quartz vein
29068	138.04	138.61	0.57	diorite 5-10% quartz vein
29069	138.61	139.61	1.00	diorite 1-5% quartz vein
29070	139.61	140.80	1.19	quartz vein 10-20% chlorite veinlets
29071	142.50	143.00	0.50	diorite 1-5% quartz vein
29072	143.00	144.00	1.00	same as above
29073	144.00	145.50	1.50	same as above

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29074	159.57	160.57	1.00	diorite trace 1% pyrite
29075	160.57	161.57	1.00	dyke feldspar quartz porphyries
29076	161.57	162.40	0.83	same as above
29077	162.40	163.40	1.00	intermediate tuff lapilli
29078	202.10	202.58	0.48	diorite 5-10% quartz vein
29079	203.78	204.78	1.00	diorite 1-5% quartz veins
29080	220.63	221.17	0.54	diorite 20-25% quartz veins
29081	221.17	222.17	1.00	diorite 5-10% quartz vein
29082	222.17	223.17	1.00	same as above
29083	223.17	223.85	0.68	diorite 10-15% quartz vein
29084	223.85	224.85	1.00	same as above
29085	224.85	225.85	1.00	same as above
29086	225.85	226.85	1.00	diorite 1-5% quartz vein
29087	226.85	227.85	1.00	diorite with 50-60% quartz veining
29088	227.85	229.21	1.36	diorite 25-30% quartz veining
29089	231.82	233.14	1.32	diorite carbonatized; 1-5% quartz veining
09-01	70.00	77.21	7.21	gabbro diorite
09-02	77.21	87.17	9.96	diorite or intermediate flow

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
09-03	87.17	97.61	10.44	gabbro-diorite
09-04	97.61	108.06	10.45	gabbro-diorite
09-05	108.06	118.50	10.44	gabbro-diorite
09-06	118.50	121.79	3.29	ash to lapilli tuff
09-07	121.79	125.16	3.37	gabbro-diorite
09-08	125.16	126.52	1.36	tuff ash to lapilli
09-09	126.52	136.28	9.76	gabbro-diorite
09-10	136.28	143.00	6.72	Diorite (Altered)
09-11	143.00	148.08	5.08	Gabbro-diorite
09-12	148.08	155.51	7.43	lapilli to blocky tuff
09-13	155.51	157.28	1.77	intermediate flow
09-14	157.28	158.03	0.75	lapilli to ash tuff
09-15	158.03	160.57	2.54	gabbro-diorite
09-16	162.40	166.47	4.07	lapilli to ash tuff
09-17	166.47	173.41	6.94	gabbro-diorite
09-18	173.41	176.70	3.29	lapilli to ash tuff
09-19	176.70	178.23	1.53	lapilli to ash tuff
09-20	178.23	182.95	4.72	lapilli to ash tuff

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
09-21	182.95	188.15	5.20	lapilli to blocky tuff
09-22	188.15	201.49	13.34	gabbro-diorite
09-23	201.49	214.84	13.35	gabbro-diorite
09-24	214.84	222.02	7.18	Gabbro-diorite
09-25	222.02	229.21	7.19	Diorite
09-26	229.21	236.00	6.79	gabbro-diorite

LES EXPLORATIONS NORAMCO INC. H-1434-010

01-14-1988::13:36 DIAMOND DRILL LOG

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	456273-2	Coordinates:	54+00E , 63+35S MTM
Azimuth:	180 degrees	Dip:	-50 degrees	Length:	239 meters
Logged By:	Alain Chevalier	Casing:	Bq (19m Nw)	Elevation:	Surface
Date Started:	Sept. 22 1987	Date Completed:	Sept. 25 1987	Date Logged:	Nov. 10 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 16 1987	Drill Company:	Bradley Bros.
Overburden:	61.4 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	62 m		-50 deg.
# 2.	130 m		-50 deg.
# 3.	239 m		-50 deg.

Purpose

Intersect one regional lineament (1:10000) trending east west and another air mag lineament (1:10000)

Conclusions

From 92.5-139.3 25-30% quartz carbonate veining at random angles.

Recommendations

If one of the horizon give good assay result further drilling are recommand to extent this zone.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	61.4	OVERBURDEN		
61.4	71.1	GABBRO-DIORITE	Pyrite (trace as diss)	Chlorite (weak as perva) Carbonate (moderate as p)
71.1	83.3	INTERMEDIATE TO FELSIC TUFF OR ARGILLITE ALTERED.	Pyrite (1-5% as veinl)	Sericite (moderate to s)
83.3	92.5	GABBRO-DIORITE	Pyrite (trace as diss)	Carbonate (weak as perva) Chlorite (weak as perva)
92.5	139.3	INTERMEDIATE FLOW	Pyrite (tr-1% as diss) Chalcopyrite (trace dissemi)	Chlorite (moderate as p) Carbonate (moderate as p)
92.5	110.8	INTERMEDIATE FLOW	Pyrite (1-5% as veinl)	Sericite (weak to moder) Carbonate (weak as perva) Leucoxene (weak to moder)
139.3	239.0	ARGILLITE ALTERED OR INTERMEDIATE TUFF	Pyrite (tr-1%)	Sericite (moderate to s) Carbonate (moderate as p) Silica (moderate as v)
223.8	239.0	GREYWACKE	Pyrite (tr-1% as diss)	Chlorite (weak as perva) Carbonate (weak to moder) Hematite (very weak as) Sericite (weak to moder)

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
	239.0	END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	61.4	OVERBURDEN												
61.4	**71.1**	**GABBRO-DIORITE**												
		Dark Green to Grey-Green												
		-: This unit are massive												
		Fine to Medium Grained												
		Lower Contact at 85-90 Deg. Cax.												
		Schistosity: S1 at 45 Deg. Cax.												
		1-5% Quartz-Carbonate Veining at 45 and random Deg. Cax. -- Avg. Width 1-2mm												
		Pyrite: trace as disseminated fine grains												
		Chlorite Alteration: weak as pervasive												
		Carbonate Alteration: moderate as pervasive and as veinlets (1-2mm)												
		Non Magnetic												
		Non Conductive												
		69.32-69.54 Diorite 10-15% quartz fragments (3-5mm).												
71.1	**83.3**	**INTERMEDIATE TO FELSIC TUFF OR ARGILLITE ALTERED.**												
		Light Grey to Tan	29090	71.11	72.11	1.00	0.09							
		-: This unit are a tuff or an altered argillite (sericitised).	29091	72.11	73.11	1.00	nil							
			29092	73.11	74.11	1.00	nil							
		Fine to Medium Grained	29093	74.11	75.11	1.00	nil							
		Lower Contact at 45 deg. Deg. Cax.	29094	75.11	76.11	1.00	nil							
		5-10% Quartz-Carbonate Veining at 45 and random Deg. Cax. -- Avg. Width 1-2mm	29095	76.11	77.11	1.00	nil							
			29096	77.11	77.83	0.72	nil							
		Pyrite: 1-5% as veinlets of fine grains (1-5mm)	29097	77.83	78.75	0.92	0.05							
		Sericite Alteration: moderate to strong giving a tan colour.	29098	78.75	80.00	1.25	nil							
			29099	80.00	81.13	1.13	nil							
		Non Magnetic	29100	81.13	82.00	0.87	nil							
		Non Conductive	29101	82.00	83.26	1.26	0.07							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		71.11-71.32 Quartz vein with 1-5% pyrite as veinlets (1-3mm) of fine grains. 77.83-78.5 Felsic tuff sericitised with 10-15% of graphitic bands (1-5mm) following the schistosity 15-20% quartz fragments or fragmentals veins (5mm-2cm). 78.75-81.4 Altered argillite with 25-30% graphitic argillite 5-10% of nodular pyrite (2mm-1cm). The altered argillite are sericitised highly. (81.13-81.4) Argillite altered or felsic tuff sericitised as broken bands in a tuffaceous guangue . Can be a lapilli tuff fragments are elongated as the schis tosity highly sericitised. 81.4-82.86 Intermediate tuff with 20-25% fragments lapilli size highly sericitised elongated as the schistosity. 82.86-83.26 same as 81.13-81.4 except 1 quartz vein at the lower contact 4cm. 83.22-83.26 Quartz vein 1-2% chlorite veinlets (1-2mm)												
83.3	92.5	**GABBRO-DIORITE** Dark Green to Grey-Green -: This unit are mainly a massive gabbro-diorite. Medium Grained Lower Contact at 45 Deg. Cax. 1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1mm-1cm) Pyrite: trace as disseminated fine grains Carbonate Alteration: weak as pervasive and as veinlets (1-2mm). Chlorite Alteration: weak as pervasive and moderate as grains (1-5mm). Non Magnetic Non Conductive	29102	83.26	84.26	1.00	nil						

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
92.5	139.3	**INTERMEDIATE FLOW**												
		Dark Green to Tan												
		-: This unit are mainly an intermediate flow crosscut by gabbroic intrusion.												
		Fine to Medium Grained												
		Lower Contact at 45 Deg. Cax.												
		Schistosity: S1 at 45 deg. weakly to moderately develloped. Deg. Cax.												
		25-30% Quartz-Carbonate Veining at 45 and random Deg. Cax. -- Avg. Width 1mm-2cm												
		Pyrite: tr-1% as disseminated fine grains.												
		Chalcopyrite: trace disseminated												
		Chlorite Alteration: moderate as pervasive												
		Carbonate Alteration: moderate as pervasive and as veinlets (1-5mm) 45 deg and random.												
		Non Magnetic												
		Non Conductive												
		----------Sub Units----------												
92.5	110.8	**INTERMEDIATE FLOW**												
		Light Green to Tan												
		-: This sub-unit are mainly an intermediate flow moderately sericitised.	29103	100.00	101.00	1.00	nil							
			29104	101.00	102.50	1.50	0.10							
		Fine to Medium Grained	29105	102.50	104.00	1.50	nil							
		Lower Contact at 45 deg. Deg. Cax.	29106	104.00	105.00	1.00	nil							
		Schistosity: S1 at 45 deg. weakly to moderately develloped. Deg. Cax.	29107	105.00	106.00	1.00	nil							
			29108	106.00	107.00	1.00	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		1-5% Quartz-Carbonate Veining -- Avg. Width r average	29109	107.00	108.00	1.00	nil							
		width 1-5mm	29110	108.00	109.00	1.00	nil							
		Pyrite: 1-5% as veinlets (1-5mm) at 45 deg. cax.	29111	109.00	110.00	1.00	nil							
		Sericite Alteration: weak to moderate as pervasive	29112	110.00	110.81	0.81	0.05							
		Carbonate Alteration: weak as pervasive and as veinlets (1-2mm)	29113	110.81	111.50	0.69	nil							
		Leucoxene Alteration: weak to moderate as flecks (1-2mm)	29114	114.83	116.00	1.17	nil							
			29115	116.00	117.15	1.15	nil							
		110.81-113.33 Gabbro-diorite dyke fine to medium grains												
		moderate leucoxene alteration as flecks (1-3mm) trace-1%	29116	125.00	126.00	1.00	nil							
		pyrite as fine grains	29117	126.00	126.70	0.70	nil							
		(110.81-110.91) Quartz vein trace of pyrite	29118	126.70	128.00	1.30	nil							
		114.83-116.0 Intermediate flow with 35-40% quartz veinings at 45 deg.cax. and random (2mm-2cm)												
		116.7-117.15 40-50% Quartz veining (1-5cm)												
139.3	239.0	**ARGILLITE ALTERED OR INTERMEDIATE TUFF**												
		Light Green to Tan												
		-: This sub-unit are mainly altered argillite with 35-40%	29119	139.32	141.32	2.00	nil							
		quartz veinlets.	29120	141.32	142.50	1.18	nil							
		Fine to Medium Grained	29121	142.50	143.25	0.75	nil							
		Lower Contact at 45 Deg. Cax.												
		Schistosity: S1 at 65 Deg. Cax.	29122	149.17	150.17	1.00	0.05							
		30-35% Quartz-Carbonate Veining at 65 Deg. Cax. -- Avg.												
		Width 1-5mm	29123	153.89	155.00	1.11	nil							
		Pyrite: tr-1%	29124	155.00	156.00	1.00	nil							
		Sericite Alteration: moderate to strong	29125	156.00	157.00	1.00	nil							
		Carbonate Alteration: moderate as pervasive and as veinlets	29126	157.00	158.00	1.00	nil							
		Silica Alteration: moderate as veins (1-7mm)	29127	158.00	159.00	1.00	nil							
		Non Magnetic	29128	159.00	160.00	1.00	nil							
		Non Conductive	29129	160.00	161.00	1.00	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		143.65-149.17 Gabbro-diorite fine to medium grains moderate leucoxene alteration as flecks (1-2mm) tr-1% pyrite disseminated as fine grains.	29130	166.94	168.00	1.06	nil							
			29131	171.10	172.10	1.00	nil							
		149.17-149.59 40 45% quartz veining (1-3cm) at random angle												
		152.89-153.09 Quartz vein 10-15% chloritised fragments	29132	184.95	185.95	1.00	nil							
		(1-5mm)	29133	185.95	186.95	1.00	nil							
		164.93-166.11 Argillite altered 10-15% quartz fragments or	29134	186.95	188.00	1.05	nil							
		fractured veinlets	29135	188.00	188.70	0.70	nil							
		(170.73-171.37) Greywacke 1-2% quartz quartz-carbonate	29136	188.70	189.49	0.79	nil							
		veining.	29137	189.49	189.99	0.50	nil							
		((171.1-171.23)) Quartz carbonate vein with 5-10%	29138	189.99	192.00	2.01	0.04							
		chloritised fragments.												
		174.2-175.98 Greywacke fine to medium grain moderate	29139	196.10	196.80	0.70	nil							
		leucoxene alteration 1-2% quartz veining (1-3mm).	29140	196.80	198.00	1.20	nil							
		177.7-178.8 Greywacke fine to medium grain 5-10% feldspar												
		freagments (1-7mm) moderate leucoxene alteration.	29141	200.00	201.10	1.10	nil							
		178.8-196.1 Argillite fine grains bedding (45-50 deg. cax)	29142	201.10	202.20	1.10	nil							
		moderately sericitised with 1-5% highly sericitised	29143	202.20	203.00	0.80	nil							
		veinlets (1-3mm).	29144	203.00	203.58	0.58	nil							
		185.5-188.2 Argillite bedding or schistosity 45 deg. cax	29145	203.58	204.60	1.02	nil							
		well develloped moderately sericitised.	29146	204.60	205.60	1.00	nil							
		188.2-188.8 Argillite with 45% quartz veining schistosity												
		45 degree and sub-parallel to cax.	29147	211.77	212.77	1.00	nil							
		188.8-189.19 Argillite sericitised s1 at 50 deg. cax. and	29148	212.77	214.27	1.50	nil							
		s2 sub-parallel to cax. crenulation are visible and												
		develloped by these two schistosity.	29149	215.00	215.77	0.77	nil							
		196.1-196.8 Greywacke medium grain 10-15% quartz fragments												
		(1-4mm) U.C. and L.C. at 65 deg. cax.	29150	221.19	222.19	1.00	nil							
		(196.7-196.8)Greywacke 45-50% quartz veining lower contact.	29151	222.19	223.19	1.00	nil							
		202.56-203.58 Argillite two colours banding light green and	29152	223.19	223.80	0.61	nil							
		salmon pink 1-5% quartz veining as broken veins.												
		204.6-205.3 Argillite same as 202.56-203.58												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		(204.85-205)Argillite 45% quartz veining 10-15% chloritised veinlets (1-5mm). 211.57-215.77 Argillite 10-15% of quartz fragments (1mm-2cm) tr-1% pyrite as veinlets (1-2mm) associate with quartz veining . 222.19-223.8 Gabbro 10-15% feldspar as hypidiomorphic grains (1-3mm) 1-5% quartz veining. (223.7-223.8) C(223.7-223.8) Contact zone highly chloritised.												
		----------Sub Units----------												
		223.8 239.0 GREYWACKE												
		Dark Green to Green -: This sub-unit are composed of massive greywacke Fine to Medium Grained Lower Contact at 65 Deg. Cax. Foliation at 65 Deg. Cax. 1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1mm-1cm Pyrite: tr-1% as disseminated fine grains. Chlorite Alteration: weak as pervasive Carbonate Alteration: weak to moderate as veinlets (1-5mm) and pervasive. Hematite Alteration: very weak as veinlets (1-2mm) at random angle. Sericite Alteration: weak to moderate as veinlets (1mm-2cm) at random angle. Non Magnetic Non Conductive	29153	237.40	238.40	1.00	nil							
		237.06-237.4 Greywacke 5-10% quartz fragment (1-2mm)												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		237.4-237.72 Quartz vein 10-15% chloritised veins.												
0.0		**SAMPLE INTERVALS**												
		Fire Assay Samples : 29090 to 29153 Lithogeochem Samples: 10-01 to 10-19												
239.0		**END OF HOLE.**												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
10-01	61.40	71.10	9.70	nil	14	nil						75		14									nil								120
10-02	71.10	83.30	12.20	34	12	29						88		17									6.8								107
10-03	83.30	92.50	9.20	nil	11	nil						79		9									nil								87
10-04	92.50	101.86	9.36	nil	13	nil						114		17									0.8								123
10-05	101.86	111.23	9.37	nil	12	38						108		11									nil								112
10-06	111.23	120.59	9.36	nil	8	nil						59		12									2.0								97
10-07	120.59	129.96	9.37	nil	10	nil						84		13									3.5								76
10-08	129.96	139.32	9.36	nil	8	nil						40		12									1.0								65
10-09	139.32	149.19	9.87	nil	9	nil						250		12									nil								66
10-10	149.19	159.06	9.87	nil	7	nil						69		15									nil								90
10-11	159.06	168.93	9.87	nil	8	nil						66		15									nil								107
10-12	168.93	178.80	9.87	nil	5	nil						48		15									nil								174
10-13	178.80	187.95	9.15	nil	8	nil						82		24									nil								106
10-14	187.95	196.10	8.15	nil	nil	nil						74		17									nil								130
10-15	196.10	205.33	9.23	nil	8	nil						52		14									nil								173
10-16	205.33	214.57	9.24	nil	7	nil						114		25									nil								176
10-17	214.57	223.80	9.23	nil	nil	nil						146		16									nil								121

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
10-18	223.80	231.40	7.60	nil	9	nil						62		19									nil								123
10-19	231.40	239.00	7.60	nil	nil	nil						57		15									nil								139

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29090	71.11	72.11	1.00	Altered argilite or tuff(sericitised).
29091	72.11	73.11	1.00	" " " "
29092	73.11	74.11	1.00	" " " "
29093	74.11	75.11	1.00	" " " "
29094	75.11	76.11	1.00	" " " "
29095	76.11	77.11	1.00	" " " "
29096	77.11	77.83	0.72	" " " "
29097	77.83	78.75	0.92	Argilte; 10-15% graphitic argilite; 5-10% nodular Pyrite.
29098	78.75	80.00	1.25	" " "
29099	80.00	81.13	1.13	" " "
29100	81.13	82.00	0.87	Intermediate tuff; 1-2% Py; sericitised.
29101	82.00	83.26	1.26	" " " "
29102	83.26	84.26	1.00	Gabbro altered.
29103	100.00	101.00	1.00	Altered flow sericitised.
29104	101.00	102.50	1.50	" " " "; fault gouge highly fractured.
29105	102.50	104.00	1.50	" " " " " "
29106	104.00	105.00	1.00	Altered intermediate flow sericitised; leucoxene alteration; 1-2% Py diss..
29107	105.00	106.00	1.00	" " " " " "

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29108	106.00	107.00	1.00	'' '' '' '' ''
29109	107.00	108.00	1.00	'' '' '' '' '' ''
29110	108.00	109.00	1.00	'' '' '' '' '' ''
29111	109.00	110.00	1.00	'' '' '' '' '' ''
29112	110.00	110.81	0.81	Altered intermediate flow; 1-2% sericite; graphitic argilite; 1-5% Py.
29113	110.81	111.50	0.69	Gabbro; leucoxene alteration; 10-15% Quartz vein.
29114	114.83	116.00	1.17	Intermediate flow; 10-15% quartz vein sericitised.
29115	116.00	117.15	1.15	'' '' '' '' ''
29116	125.00	126.00	1.00	Intermediate flow sericitised; 10-15% quartz veining; 1-2% Py.
29117	126.00	126.70	0.70	'' '' '' '' '' '' ''; epidotised; 1-2% Py.
29118	126.70	128.00	1.30	Intermediate flow; 10-15% quartz veining; tr-1% Py.
29119	139.32	141.32	2.00	Argilite sericitised; tr-1% Py; 5-10% carbonate veins.
29120	141.32	142.50	1.18	'' '' '' '' '' ''
29121	142.50	143.25	0.75	'' '' '' '' ''
29122	149.17	150.17	1.00	Intermediate flow; 20-25% quartz veins; tr-1% Cp. and Py.
29123	153.89	155.00	1.11	Argilite; 25-30% quartz veinlets; 1-2% Py; sericitised.
29124	155.00	156.00	1.00	'' '' '' '' ''
29125	156.00	157.00	1.00	'' '' '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29126	157.00	158.00	1.00	'' '' '' '' ''
29127	158.00	159.00	1.00	'' '' '' '' ''
29128	159.00	160.00	1.00	Argilite; 40-45% quartz veinlets; 1-2% Py; sericitised.
29129	160.00	161.00	1.00	'' '' ; 10-20% quartz veining; '' '' '' ''
29130	166.94	168.00	1.06	Argilite; highly sericitised.
29131	171.10	172.10	1.00	'' '' '' '' '' ''; 1-2% Qz veins.
29132	184.95	185.95	1.00	Argilite sericitised;1-2% Py; 1-5% Qz veins.
29133	185.95	186.95	1.00	'' '' '' ;5-10% quartz veins.
29134	186.95	188.00	1.05	'' '' '' ''; 1-5% quartz veins.
29135	188.00	188.70	0.70	Argilite sericitised; 1-5% Py; 1-5% Qz veins.
29136	188.70	189.49	0.79	Argilite highly sericitised; 5-10% quartz veins; tr-1% Py.
29137	189.49	189.99	0.50	'' '' '' '';1-2% Quartz vein; 1-2% Py.
29138	189.99	192.00	2.01	'' '' '' '' '' '' ''; tr% Py.
29139	196.10	196.80	0.70	Greywacke; 5-10% quartz grain; 1-2% quartz vein; tr% Py; leuco. alteration.
29140	196.80	198.00	1.20	'' '' '' '' '' '' '' ''; tr-1% Py; '' '' ''
29141	200.00	201.10	1.10	Argilite; 1-5% quartz vein; tr-1% Py.
29142	201.10	202.20	1.10	'' '' '' '' '' ''
29143	202.20	203.00	0.80	'' '' '' '' ''; tr-1% quartz vein '' '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29144	203.00	203.58	0.58	'' '' '' ''; 1-2% quartz vein '' '' ''
29145	203.58	204.60	1.02	'' '' '' '' '' '' '' ''; 1-2% Py.
29146	204.60	205.60	1.00	'' '' '' '' ''; 5-10% quartz vein; tr-1% Py.
29147	211.77	212.77	1.00	'' '' '' '' '' '' '' '' '' ; 1-2% Py.
29148	212.77	214.27	1.50	'' '' '' '' '' '' '' '' ''
29149	215.00	215.77	0.77	'' '' '' '' '' '' '' '' ; tr-1% Py.
29150	221.19	222.19	1.00	Greywacke; 10-15% calcite amygdules; tr% Py.
29151	222.19	223.19	1.00	'' '' '' '' '' '' '' '' '' ''
29152	223.19	223.80	0.61	'' '' '' '' '' '' ''
29153	237.40	238.40	1.00	Argilite; 5-10% quartz vein; 1-2% Py.
10-01	61.40	71.10	9.70	Gabbro diorite.
10-02	71.10	83.30	12.20	Intermediate to felsic tuff or argilite altered.
10-03	83.30	92.50	9.20	Gabbro-diorite.
10-04	92.50	101.86	9.36	Intermediate flow (sericitised).
10-05	101.86	111.23	9.37	'' '' '' ''
10-06	111.23	120.59	9.36	'' '' '' ''
10-07	120.59	129.96	9.37	'' '' '' ''
10-08	129.96	139.32	9.36	'' '' '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
10-09	139.32	149.19	9.87	Argilite alterred or intermediate tuff.
10-10	149.19	159.06	9.87	" " " "
10-11	159.06	168.93	9.87	" " " "
10-12	168.93	178.80	9.87	" " " "
10-13	178.80	187.95	9.15	Argilite fine grain bedding.
10-14	187.95	196.10	8.15	" " " "
10-15	196.10	205.33	9.23	Argilite altered or intermediate tuff.
10-16	205.33	214.57	9.24	" " " " "
10-17	214.57	223.80	9.23	" " " " "
10-18	223.80	231.40	7.60	Greywacke
10-19	231.40	239.00	7.60	" "

LES EXPLORATIONS NORAMCO INC.

H-1434-011

01-05-1987::12:01

DIAMOND DRILL LOG

FINAL COPY

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:	456275-2	Coordinates:	56+70 E , 75+50 S MTM
Azimuth:	165 degrees	Dip:	-50 degrees	Length:	240 meters
Logged By:	M.Bergeron	Casing:	BQ	Elevation:	Surface
Date Started:	Sept. 23 1987	Date Completed:	Sept. 26 1987	Date Logged:	Nov. 15 1987
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Nov. 16 1987	Drill Company:	Bradley Bros.
Overburden:	31.7 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	32 m		-50 deg.
# 2.	125 m		-51 deg.
# 3.	230 m		-51 deg.

Purpose

To intersect 4 field mags lineaments 1:5 000

Conclusions

31.7-E.O.H. Intersection of gabbro and intermediate to mafic volcanic (andesite) with minor dacite
39.8-49.5 intermediate to mafic flow breccia 3-5% pyrite.
230.6-237.4 intermediate to mafic flow breccia,2-3% pyrite;trace-1% magnetite.

Recommendations

If assays results give good results further drilling of anomalous zone is recommended.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	31.7	OVERBURDEN		
31.7	101.2	GABBRO	Pyrite (tr.-1% fine t)	Carbonate (moderate in f) Chlorite (interstitial)
39.8	48.5	INTERMEDIATE TO MAFIC (ANDESITE)FLOW BRECCIA	Pyrite (3-5% in fine)	Carbonate (very weak in) Chlorite (5-10 very fin) Epidote (weak along fr) Yellow-Green Sericite (weak along fr)
101.2	125.9	INTERMEDIATE TO MAFIC MASSIVE VOLCANIC(ANDESITE)	Pyrite (1-2% in fine)	Carbonate (weak coated) Sericite (weak coated) Chlorite (weak pervasiv)
125.9	180.4	INTERMEDIATE TO MAFIC VOLCANIC (ANDESITE) PORPHYRITIC.	Pyrite (1-2% very fin) Pyrrhotite (trace locally)	Carbonate (very weak to) Silica (weak to moder) - (saussurite we) Chlorite (moderate alon) Epidote (weak locally)
156.7	166.9	INTERMEDIATE TO FELSIC(DACITE)MASSIVE VOLCANIC.	Pyrite (very fine euh)	Carbonate (weak coated) Chlorite (weak to moder) - (saussuritisat) Silica (weak pervasiv)
180.4	230.6	PORPHYRITIC GABBRO OR(PORPHYRITIC INTERMEDIATE FLOW)	Pyrite (trace to 1% v)	Carbonate (weak in fract) - (plagioclase a) Silica (weak pervasiv)

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
230.6	237.4	INTERMEDIATE TO MAFIC FLOW BRECCIA	Pyrite (2-3% dissemin) Magnetite (trace-1% loca)	Silica (weak affectin) Carbonate (moderate in f)
237.4	240.0	INTERMEDIATE TO MAFIC VOLCANIC(ANDESITE)MASSIVE	Pyrite (trace-1% fine)	Carbonate (moderate perv) Chlorite (weak in very)
	240.0	END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	31.7	OVERBURDEN												
31.7	**101.2**	**GABBRO**												
		Dark Green to Grey	29977	35.00	36.00	1.00	0.05							
		-: pyroxenes are hypidiomorphic medium grain	29978	36.00	36.40	0.40	0.08							
		Plagioclase: lagioclase are fine grain.	29979	36.40	37.40	1.00	0.09							
		Fine to Medium Grained												
		Lower Contact at 45 Deg. Cax.												
		Weakly Fractured (1-10 Fractures/Meter)												
		1-3% Quartz-Carbonate Veining at 45-50 Deg. Cax. -- Avg. Width 2-4mm												
		Pyrite: tr.-1% fine to medium grain disseminated euhedric and in aggregates												
		Carbonate Alteration: moderate in fractures												
		Chlorite Alteration: interstitial weak pervasive												
		Non Magnetic												
		Non Conductive												
		36.13-37.21 3-5% pyrite in very fine agglomerates along fractures;moderately hematised along fractures.												
		----------Sub Units----------												
		39.8 48.5 INTERMEDIATE TO MAFIC (ANDESITE)FLOW BRECCIA												
		Mottled Dark-Green to Tan												
		Flow Breccia Fragments: are angular to sub-angular;moderately to strongly silicified;representing 55-60% of the rock;varying in size from 5mm to 10cm and unsorted	29980	39.81	41.00	1.19	nil							
			29981	41.00	42.00	1.00	nil							
			29982	42.00	43.00	1.00	nil							
			29983	43.00	44.00	1.00	nil							
		Matrix: is intermediate to mafic(andesite).	29984	44.00	45.00	1.00	0.03							
		Fine Grained	29985	45.00	46.00	1.00	nil							
		Upper Contact at 55 Deg. Cax.	29986	46.00	47.04	1.04	nil							
		Lower Contact at 20 Deg. Cax.	29987	47.04	48.54	1.50	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Weakly Fractured (1-10 Fractures/Meter)												
		1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-3mm	29988	56.00	57.00	1.00	nil							
		Pyrite: 3-5% in fine aggregates disseminated	29989	66.50	67.50	1.00	nil							
		Carbonate Alteration: very weak in fractures	29990	67.50	68.80	1.30	nil							
		Chlorite Alteration: 5-10 very fine porphyroblasts												
		Epidote Alteration: weak along fragments	29991	79.29	80.29	1.00	nil							
		Yellow-Green Sericite Alteration: weak along fractures	29992	80.29	81.29	1.00	nil							
		Non Magnetic												
		Non Conductive	29993	94.20	95.20	1.00	nil							
			29994	95.20	95.66	0.46	nil							
		.	29995	95.66	96.66	1.00	nil							
		.	29996	96.66	97.80	1.14	nil							
		48.54-52.15 intermediate to mafic massive volcanic(andesite).Light green to grey.fine grain to aphanitic.Weakly chloritised pervasive;moderately carbonatised	29997	97.80	98.25	0.45	nil							
			29998	98.25	99.25	1.00	0.13							
			29999	101.00	102.00	1.00	nil							
		in fractures.5% qcv of 1-3 mm at random.Lower contact is 50 deg CAX. Trace pyrite fine grain disseminated.No magnetic.												
		56.49-56.60 contains 2 quartz carbonate chlorite veinlets of 5mm and 2.3cm.Upper and lower contacts are 45-50 deg CAX.3-4% pyrite in fine grain agglomerate.												
		66.60-68.77 limonite alteration coated (moderate)												
		69.19-76.65 Medium grain gabbro												
		79.74-79.81 quartz carbonate chlorite veinlet.Upper and lower contacts are 80-85 deg CAX.1% pyrite fine grain euhedral disseminated												
		80.25-101.15 plagioclases are medium grain weakly saussuritised												
		(80.84-80.92)qcv with xenolith of chlorite.Upper and lower contacts are 45 deg CAX.1% pyrite in disseminated agglomerate												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		94.03-94.47 moderately silicified pervasive 95.26-95.48 qcv with xenoliths of gabbro;xenoliths represent 70-75% in volume and are angular with an average length of 5-10 cm.Upper and lower contacts of this zone are 45-50 deg CAX. 97.98-98.16 qcv weakly hematised and epidotised.Upper and lower contacts are 45 deg CAX.Trace pyrite very fine euhedral grain disseminated.												
101.2	125.9	**INTERMEDIATE TO MAFIC MASSIVE VOLCANIC(ANDESITE)**												
		Light Green to Dark-Grey	30000	102.00	102.40	0.40	nil							
		-: andesite is fine grain to aphanitic and locally have	29201	102.40	103.40	1.00	nil							
		5-10% medium grain hypidiomorphic feldspar(plagioclase)	29202	103.40	104.90	1.50	nil							
		-: 1-5% calcite amygdules of 1-3mm												
		-: locally chloritised salvage(pillow?)	29203	106.56	107.56	1.00	nil							
		Aphanitic to Very Fine Grained	29204	107.56	107.96	0.40	nil							
		Lower Contact at 45 Deg. Cax.	29205	107.96	108.96	1.00	nil							
		Weakly Fractured (1-10 Fractures/Meter)												
		5 Quartz-Carbonate Veining at 45-55 Deg. Cax. -- Avg. Width	29206	114.70	115.70	1.00	nil							
		1-3mm	29207	115.70	116.10	0.40	nil							
		Pyrite: 1-2% in fine agglomerate disseminated and coated.	29208	116.10	117.10	1.00	nil							
		Carbonate Alteration: weak coated	29209	117.10	118.60	1.50	nil							
		Sericite Alteration: weak coated	29210	118.60	119.60	1.00	nil							
		Chlorite Alteration: weak pervasive in very thin	29211	119.60	120.20	0.60	nil							
		porphyroblasts.	29212	120.20	121.20	1.00	nil							
		Non Magnetic												
		Non Conductive	29213	123.25	124.75	1.50	nil							
		102.12-102.20 qcv upper and lower contact are 45 deg CAX 102.64-104.25 5-10% calcite amygdules of 2-4mm 107.66-107.73 qcv with 3-5% of broken thin chlorite veinlets;upper and lower contacts are 65-70 deg CAX.												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		108-115.70 5-10% of 2-3mm plagioclase porphyry hypidiomorphic. 115.79-116.08 qcv weakly hematised and chloritised;upper contact is 45 deg CAX lower contact is brecciated;trace pyrite in fine agglomerate. 116.08-125.87 5% of calcite amygdules of 5-7mm;weak silicification patched. (117.41-117.47)Chloritised salvage;7-10% pyrite vesicular disseminated;10% angular mafic fragments of 2-7mm chloritised. (117.72-117.75) same as above (119.62-119.80)moderately carbonatised and sericitised zone ;10% calcite amygdules of 1-10mm locally filled by disseminated pyrite in aggregate. (119.80-120.06)chlorite sericite carbonate veinlets at 10-15 deg CAX represents 40% in volume.Weakly epidotised along veinlets. (123.27-123.32)(123.74-123.76)chloritised salvage;moderately carbonatised.At 45-50 deg CAX.												
125.9	180.4	**INTERMEDIATE TO MAFIC VOLCANIC (ANDESITE) PORPHYRITIC.**												
		Mottled Grey-Green to Tan -: This unit present 2-3% of chloritised salvage(pillow?) of 2-5cm. -: 10-15% xenomorphic plagioclase porphyry of 0.5-1.5cm -: 1-5% carbonate amygdules of 2-5mm more concentrated along chloritised salvage. Fine Grained Lower Contact at 45 Deg. Cax. Weakly Fractured (1-10 Fractures/Meter) 2-3 Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-3mm Pyrite: 1-2% very fine grain euhedral or in aggregate	29214	126.50	127.50	1.00	nil							
			29215	127.50	128.50	1.00	nil							
			29216	130.00	131.00	1.00	0.05							
			29217	134.32	135.32	1.00	nil							
			29218	139.00	140.00	1.00	nil							
			29219	142.00	143.00	1.00	0.03							

From (m)	To (m)	Description
		along qcv.
		Pyrrhotite: trace locally
		Carbonate Alteration: very weak to moderate pervasive
		Silica Alteration: weak to moderate patched
		- Alteration: saussurite weak locally in the plagioclase.
		Chlorite Alteration: moderate along salvage;and in very thin porphyroblasts.
		Epidote Alteration: weak locally along qcv and calcite amygdules.
		Non Magnetic
		Non Conductive
		126.9-126.92 Blue quartz veinlet weakly carbonatised;5% pyrite fine grain in veinlets or in aggregates;upper and lower contacts are 75 deg CAX
		127.41-127.45 5% pyrite in fine grain agglomerate ;surrounded by a chlorite sericite halo at 50-55 deg CAX
		127.90-128.45 in-situ breccia(weak)moderately silicified pervasive.
		130.19-130.39 in-situ breccia quartz injected.weakly epidotised.5% pyrite fine grain in aggregate.
		134.40-134.83 qcv 0.5-3cm width;lower contact is sub-parallel to CAX;upper contact is 70 deg CAX.weakly epidotised as patch.2-3% pyrite disseminated in fine grain aggregates along the vein.Salvage of the vein are chloritised.
		139.14-139.23 qcv 1cm width sub-parallel to CAX
		139.33-139.48;139.87-140.04 no porphyritic;2-3% pyrite very fine grain in calcite amygdules
		142.41-143 strongly silicified and carbonatised weakly epidotised.
		145.27-145.29 no porphyritic.Upper and lower contacts are

Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
29220	155.50	156.50	1.00	0.03							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		45 deg CAX. 148.68-148.82 strongly silicified and carbonatised;weakly epidotised. 152.81-152.84 qcv upper and lower contacts are 45 deg CAX. 152.84-156.74 plagioclase are moderately saussuritised.Patchy alteration in quartz carbonate. ----------Sub Units---------- **156.7 166.9 INTERMEDIATE TO FELSIC(DACITE)MASSIVE VOLCANIC.** Light Grey Fine Grained Upper Contact at 45 Deg. Cax. Lower Contact at 50 Deg. Cax. Weakly Fractured (1-10 Fractures/Meter) 2-3 Quartz-Carbonate Veining at 45-50 and at random Deg. Cax. -- Avg. Width 2-5mm locally up to 1.5cm Pyrite: very fine euhedral grain disseminated Carbonate Alteration: weak coated Chlorite Alteration: weak to moderate as fine porphyroblasts. - Alteration: saussuritisation of the plagioclase (weak) Silica Alteration: weak pervasive. Non Magnetic Non Conductive 158.48-162.52 5-7% of plagioclase porphyry hypidiomorphic of 2-5mm. 162.52-166.91 moderately silicified pervasive. (162.65-162.89)5% of 1cm plagioclase porphyry. (162.89-163.03) 5% calcite amygdules of 2-5mm.	29221	162.20	163.28	1.08	0.04							
			29222	168.15	169.65	1.50	nil							
			29223	173.00	174.00	1.00	0.05							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		166.91-167.25 5% calcite chlorite amygdule elongated at 45-50 deg CAX.												
		170.09-170.33;172.11-172.45 no porphyritic												
		173.29-173.42 qcv 1.3cm width at 20 deg CAX.												
		173.57-178.85 5% or less plagioclase porphyry partly digested.												
		(174.93-175.09)Strongly silicified;weakly epidotised.												
		178.85-180.45 less than 1% plagioclase porphyry.												
180.4	230.6	**PORPHYRITIC GABBRO OR(PORPHYRITIC INTERMEDIATE FLOW)**												
		Mottled Light-Grey to Tan												
		-: 35-40% plagioclase porphyry of 0.5-1.5 cm xenomorphic	29224	189.50	191.00	1.50	nil							
		-: pyroxenes are fine to medium grain hypidiomorphic												
		Medium to Coarse Grained	29225	201.50	202.50	1.00	nil							
		Lower Contact brecciated												
		Weakly Fractured (1-10 Fractures/Meter)	29226	207.43	208.43	1.00	0.11							
		1-2 Quartz-Carbonate Veining at 45-50 Deg. Cax. -- Avg. Width 1-5mm	29227	225.67	226.67	1.00	nil							
		Pyrite: trace to 1% very fine grain euhedral disseminated.	29228	226.67	227.70	1.03	nil							
		Carbonate Alteration: weak in fractures	29229	227.70	228.57	0.87	nil							
		- Alteration: plagioclase are weakly saussuritised.	29230	228.57	229.50	0.93	nil							
		Silica Alteration: weak pervasive	29231	229.50	230.50	1.00	nil							
		Non Magnetic	29232	230.50	231.50	1.00	nil							
		Non Conductive												
		198.91-200 dacitic dike(intermediate to felsic)fine grain with 1-2% feldspar porphyry hypidiomorphic of 1-3mm.5-10% qcv of 2-5mm at 55-60 deg CAX.												
		Weakly silicified pervasive.trace to 1% pyrite very fine grain euhedral disseminated.At 199.03 5% pyrite coated												
		201.66-201.98 Schistosed zone.S1 is 45 deg CAX.S2 is												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		sub-parallel to CAX.												
		202.15-202.28 qcv 4.5 cm width at 35 deg CAX.												
		206.69-207.43 dacitic dike same as 198.91-200												
		207.43-207.58 25% of qcv 1-3cm width at 50 deg CAX;affected by a S1 schistosity sub-parallel to CAX.												
		215.87-215.93 qcv 3.5 cm width at 45 deg CAX.												
		216.16-218.35 dacitic dike same as 198.91-200												
		225.76-226.72 gabbro locally no porphyritic.												
		(225.91-225.97)qcv 4cm width weakly sericitised.Upper and lower contacts are 45 deg CAX.												
		(226-226.15)5% pyrrhotite as blebs												
		227.13-227.68 same as 225.76-226.72												
		(227.28-227.43)qcv chloritised;upper and lower contacts are 40-45 deg CAX.												
		(227.54-227.61)qcv+chlorite epidote veinlet.Upper and lower contacts are 50-55 deg CAX.Affected by a S1 schistosity sub-parallel to 5 deg to CAX.												
		228.46-228.49 grounded core												
		228.80-229.03 patchy alteration in sericite and silica (weak)												
230.6	237.4	**INTERMEDIATE TO MAFIC FLOW BRECCIA**												
		Dark Green to Grey	29233	231.50	232.50	1.00	nil							
		Flow Breccia Fragments: are angular;average width of 2-10mm up to 10 cm.	29234	232.50	233.50	1.00	nil							
		-: and represent 75-80% of the rock and are matrix supported.	29235	233.50	234.50	1.00	nil							
		Matrix: is mafic aphanitic;moderately chloritised.	29236	234.50	235.50	1.00	nil							
		Very Fine Grained	29237	235.50	236.50	1.00	nil							
		Lower Contact at 75-85 Deg. Cax.	29238	236.50	237.39	0.89	nil							
		Weakly Fractured (1-10 Fractures/Meter)												
		1 Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-2mm												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Pyrite: 2-3% disseminated in aggregates between fgmts. Magnetite: trace-1% locally ;disseminated fine grain euhedral Silica Alteration: weak affecting the fragments Carbonate Alteration: moderate in fractures and along fgmts. Non Magnetic Non Conductive Fragments have very fine quartz amygdules and are fractured.They have a quartz carbonate alteration along fractures and salvages. 231.86-232.17 digested fragment with 5-10% amygdules of 0.5-1 cm filled by pyrite and quartz.												
237.4	240.0	**INTERMEDIATE TO MAFIC VOLCANIC(ANDESITE)MASSIVE**												
		Dark Grey -: present locally 1-3% plagioclase porphyry of 5-10mm -: xenomorphic and weakly saussuritised Fine to Medium Grained Lower Contact E.O.H. Weakly Fractured (1-10 Fractures/Meter) 1 Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-2mm Pyrite: trace-1% fine to medium grain disseminated Carbonate Alteration: moderate pervasive in amygdules and coated Chlorite Alteration: weak in very thin porphyroblasts Non Magnetic Non Conductive	29239	237.39	238.50	1.11	nil						

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		10-15% very fine calcite amygdules												
		----------Sub Units----------												
0.0		SAMPLE INTERVALS												
		Fire Assay Samples : 29201 to 29239												
		. : 29977 to 30000												
		Lithogeochem Samples: 11-01 to 11-24												
240.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
11-01	31.70	39.80	8.10	nil	10	nil						68		18									nil								239
11-02	39.80	48.54	8.74	nil	7	nil						65		12									nil								246
11-03	48.54	52.15	3.61	nil	13	nil						126		11									nil								97
11-04	52.15	61.95	9.80	nil	8	nil						110		14									nil								90
11-05	61.95	71.75	9.80	nil	nil	5						60		18									nil								59
11-06	71.75	81.55	9.80	nil	9	nil						48		12									nil								37
11-07	81.55	91.35	9.80	nil	6	nil						73		18									nil								77
11-08	91.35	101.15	9.80	3	nil	nil						133		18									nil								60
11-09	101.15	113.51	12.36	nil	7	9						101		13									nil								58
11-10	113.51	125.87	12.36	nil	nil	nil						101		15									nil								90
11-11	125.87	136.16	10.29	nil	7	nil						61		22									nil								121
11-12	136.16	146.45	10.29	nil	5	nil						39		14									nil								98
11-13	146.45	156.74	10.29	nil	nil	nil						64		22									nil								126
11-14	156.74	166.91	10.17	nil	nil	nil						66		16									nil								69
11-15	166.91	180.45	13.54	48	5	nil						32		16									nil								105
11-16	180.45	189.68	9.23	11	nil	nil						43		15									nil								117
11-17	189.68	198.91	9.23	nil	nil	12						34		14									nil								69

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
11-18	198.91	200.00	1.09	nil	nil	23						108		19									nil								74
11-19	200.00	206.69	6.69	nil	8	7						37		11									nil								73
11-20	206.69	207.43	0.74	nil	7	nil						118		26									nil								60
11-21	207.43	218.99	11.56	nil	8	nil						50		15									nil								119
11-22	218.99	230.55	11.56	nil	nil	21						46		14									nil								92
11-23	230.55	237.39	6.84	1	nil	20						78		24									nil								132
11-24	237.39	240.00	2.61	2	nil	16						264		18									nil								99

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29977	35.00	36.00	1.00	Gabbro; tr% Py.
29978	36.00	36.40	0.40	Gabbro; hematised in fracture; 3-5% Py.
29979	36.40	37.40	1.00	Gabbro; tr-1% Py.
29980	39.81	41.00	1.19	Intermediate to mafic flow breccia(andesite); 3-5% Py.
29981	41.00	42.00	1.00	'' '' '' ''
29982	42.00	43.00	1.00	'' '' '' ''
29983	43.00	44.00	1.00	'' '' '' ''
29984	44.00	45.00	1.00	'' '' ''
29985	45.00	46.00	1.00	'' '' ''
29986	46.00	47.04	1.04	'' '' ''
29987	47.04	48.54	1.50	'' '' ''
29988	56.00	57.00	1.00	Gabbro with 2 qcv between 56.49-56.60
29989	66.50	67.50	1.00	Gabbro; tr-1% Py; limonite coated.
29990	67.50	68.80	1.30	'' '' '' ''
29991	79.29	80.29	1.00	Gabbro; tr-1% Py; 6cm quartz-carbonate vein.
29992	80.29	81.29	1.00	Gabbro; tr-1% Py; 8cm quartz-carbonate vein.
29993	94.20	95.20	1.00	Gabbro; tr-1% Py.
29994	95.20	95.66	0.46	Gabbro brecciated and qcv.

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29995	95.66	96.66	1.00	Gabbro; tr-1% Py.
29996	96.66	97.80	1.14	'' ''
29997	97.80	98.25	0.45	QCV weakly hematised; tr% Py.
29998	98.25	99.25	1.00	Gabbro; tr-1% Py.
29999	101.00	102.00	1.00	Andesite; 1-2% Py.
30000	102.00	102.40	0.40	Andesite;1-2% Py; 8 cm qcv.
29201	102.40	103.40	1.00	Andesite; 1-2% Py.
29202	103.40	104.90	1.50	'' ''
29203	106.56	107.56	1.00	'' ''
29204	107.56	107.96	0.40	Andesite; 1-2% Py; 7 cm qcv.
29205	107.96	108.96	1.00	Andesite; 1-2% Py.
29206	114.70	115.70	1.00	Andesite; 5% plagioclase porphyry; 1-2% Py.
29207	115.70	116.10	0.40	'' '' '' '' and 29 cm qcv.
29208	116.10	117.10	1.00	Andesite; 5% plagioclase porphyry; 1-2% Py.
29209	117.10	118.60	1.50	'' '' ''
29210	118.60	119.60	1.00	Andesite; 1-2% Py.
29211	119.60	120.20	0.60	'' ''
29212	120.20	121.20	1.00	'' ''

Sample No.	From (m)	To (m)	Width (m)	---------Remarks---------
29213	123.25	124.75	1.50	'' '' ''
29214	126.50	127.50	1.00	Andesite porphyritic; 1-2% Py and 2 zone of 2 cm with 5% Py.
29215	127.50	128.50	1.00	Andesite porphyritic; 1-2% Py; brecciated in situ; silicified
29216	130.00	131.00	1.00	Andesite porphyritic; 1-2% Py and 20 cm brecciated in situ
29217	134.32	135.32	1.00	Andesite porphyritic; 1-2% Py; 43 cm qcv.
29218	139.00	140.00	1.00	Andesite porphyritic;1-2% Py; qcv.
29219	142.00	143.00	1.00	Andesite porphyritic strongly silicified and carbonatised;weakly epidotised; tr% Py.
29220	155.50	156.50	1.00	Andesite porphyritic; patched alteration in quartz ;carbonate;saussurite
29221	162.20	163.28	1.08	Dacite; tr% Py.
29222	168.15	169.65	1.50	Andesite porphyritic; 1-2% Py; tr% Cp and Po.
29223	173.00	174.00	1.00	Andesite porphyritic; 1-2% Py.
29224	189.50	191.00	1.50	Gabbro porphyritic; tr-1% Py.
29225	201.50	202.50	1.00	'' '' '' and schistosed zone; 45 cm width qcv.
29226	207.43	208.43	1.00	Gabbro porphyritic; tr% Py.
29227	225.67	226.67	1.00	Gabbro weakly porphyritic; tr% Py and Po; zone of qcv.
29228	226.67	227.70	1.03	Gabbro porphyritic; 1-2% Py; 2 qcv.
29229	227.70	228.57	0.87	Gabbro porphyritic; 1-2% Py.
29230	228.57	229.50	0.93	'' '' '' ''

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
29231	229.50	230.50	1.00	Intermediate to mafic flow breccia; 2-3% Py.
29232	230.50	231.50	1.00	" " " " and 1% Mt.
29233	231.50	232.50	1.00	Intermediate to mafic flow breccia; 2-3% Py.
29234	232.50	233.50	1.00	" " " "
29235	233.50	234.50	1.00	" " "
29236	234.50	235.50	1.00	" " " "
29237	235.50	236.50	1.00	" " "
29238	236.50	237.39	0.89	" " "
29239	237.39	238.50	1.11	Intermediate to mafic volcanic; tr-1% Py.
11-01	31.70	39.80	8.10	Gabbro
11-02	39.80	48.54	8.74	Intermediate to mafic flow breccia.
11-03	48.54	52.15	3.61	Intermediate to mafic flow.
11-04	52.15	61.95	9.80	Gabbro
11-05	61.95	71.75	9.80	"
11-06	71.75	81.55	9.80	"
11-07	81.55	91.35	9.80	"
11-08	91.35	101.15	9.80	"
11-09	101.15	113.51	12.36	Intermediate to mafic massive flow

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
11-10	113.51	125.87	12.36	'' ''
11-11	125.87	136.16	10.29	Intermediate to mafic flow porphyritic
11-12	136.16	146.45	10.29	'' '' ''
11-13	146.45	156.74	10.29	'' '' ''
11-14	156.74	166.91	10.17	Intermediate to felsic flow
11-15	166.91	180.45	13.54	Intermediate to mafic flow porphyritic.
11-16	180.45	189.68	9.23	Gabbro porphyritic or intermediate porphyritic flow
11-17	189.68	198.91	9.23	'' ''
11-18	198.91	200.00	1.09	Dacite dyke
11-19	200.00	206.69	6.69	Gabbro porphyritic or intermediate porphyritic flow
11-20	206.69	207.43	0.74	Dacite dyke
11-21	207.43	218.99	11.56	Gabbro porphyritic or intermediate porphyritic flow.
11-22	218.99	230.55	11.56	'' '' ''
11-23	230.55	237.39	6.84	Intermediate to mafic flow breccia
11-24	237.39	240.00	2.61	Intermediate to mafic massive flow

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H-1434-012

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04-07-1988::10:43

DIAMOND DRILL LOG

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Yellowstar/Golden Day	Claim #:	442014-4	Coordinates:	86+00E , 23+35S
Azimuth:	180 degrees	Dip:	-50 degrees	Length:	216.33 meters
Logged By:	Alain Chevalier	Casing:	B.Q.	Elevation:	Surface
Date Started:	Jan. 26 1988	Date Completed:	Jan. 29 1988	Date Logged:	Feb. 02 1988
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Feb. 14 1988	Drill Company:	Bradley Bros.
Overburden:	44 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	44 m		-49 deg.
# 2.	120 m		-45 deg.
# 3.	215 m		-50 deg.

Purpose

To intersect two lineament (1:5000) mag

Conclusions

48-52.5; 53.9-61.5: Intermediate flow moderately brecciated in situ 10-15% quartz veining.
78-82.91 Intermediate flow highly brecciated in situ (flow top breccia ?).
177.4-215 Rhyolite or rhyolitic flow.

Recommendations

If assay give good result further drilling are recommend.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	44.0	OVERBURDEN		
44.0	100.2	INTERMEDIATE FLOW (PORPHYRITIC)	Pyrite (trace as diss)	Chlorite (moderate affe) Carbonate (weak as perva)
78.0	100.2	INTERMEDIATE FLOW (PORPHYRITIC)	Pyrite (trace)	Chlorite (weak to moder)
100.2	177.4	INTERMEDIATE FLOW (PORPHYRITIC)	Pyrite (trace as fine)	Chlorite (weak as grain) Carbonate (weak as veinl)
177.4	216.3	RHYOLITE TO RHYOLITIC FLOW		
216.3		END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	44.0	OVERBURDEN												
44.0	**100.2**	**INTERMEDIATE FLOW (PORPHYRITIC)**												
		Dark Green to Green	47407	44.00	45.50	1.50	nil							
		-: This unit have 20% of porphyry composed of highly chloritised grains (1-2mm)	47408	45.50	47.00	1.50	nil							
		-: 1-2% quartz eyes (1-3mm).	47409	51.00	52.50	1.50	nil							
		-: The unit are moderately brecciated in situ.												
		Fine to Medium Grained	47410	53.90	55.00	1.10	nil							
		Lower Contact gradual	47411	55.00	56.00	1.00	nil							
		nil47411	47412	56.00	57.50	1.50	nil							
		10-15% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-5mm	47413	57.50	59.00	1.50	nil							
			47414	59.00	60.50	1.50	nil							
		Pyrite: trace as disseminated fine grains.	47415	60.50	62.00	1.50	nil							
		Chlorite Alteration: moderate affecting all the unit												
		Carbonate Alteration: weak as pervasive or as patch (1-4mm) .												
		Non Magnetic												
		Non Conductive												
		48-52.5 Intermediate flow moderately brecciated in situ 10-15% quartz veining (1mm-4cm) at random angle.												
		53.9-61.5 Intermediate flow moderately brecciated in situ 10-15% quartz carbonate veinlets (1-5mm) and 1-5% quartz vein (1-5cm).												
		62.52-65 Gabbroic dyke dark green fine to medium grain 1-2% quartz veinlets (1-2mm) at 45 deg. cax. U.C. L.C. 45 deg. and 60 deg.												
		----------Sub Units----------												
		78.0 100.2 INTERMEDIATE FLOW (PORPHYRITIC)												
		-: This sub-unit have about the same composition as the												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		main unit except grain size are medium.	47416	78.00	79.50	1.50	nil							
		Medium Grained												
		Medium Grained	47417	82.00	82.88	0.88	nil							
		nil47417												
		1-5% Quartz-Carbonate Veining at Random Angles -- Avg.	47418	87.15	87.60	0.45	nil							
		Width 1-3mm	47419	87.60	88.60	1.00	nil							
		Pyrite: trace												
		Chlorite Alteration: weak to moderate affecting grains.	47420	97.72	98.72	1.00	nil							
		Non Magnetic	47421	98.72	99.72	1.00	nil							
		Non Conductive	47422	99.72	100.72	1.00	nil							
		78-82.91 Intermediate flow highly brecciated in situ fragments (1mm-3cm) sub-round can be a flow top breccia												
		(82-82.34) 10-15% quartz veining at 30 deg. cax												
		82.6-82.88 Wheatering veins 1-5mm												
		85.92-86.1 Carbonate vein affected by whetearing U.C. L.C. 45 deg. cax.												
		87.15-87.42 Quartz vein with 5-10% chlorite trace of pyrite.												
		97.79-98.45 Brecciated zone highly chloritised moderately epidotised 50% quartz content.												
		(98.37-98.45) Quartz vein 5-10% chlorite veinlets (1-3mm) in it.												
100.2	177.4	INTERMEDIATE FLOW (PORPHYRITIC)												
		Dark Grey to Green	47423	100.72	101.72	1.00	nil							
		-: This unit are massive with 5-10% chloritised porphyries and 1-2% quartz eyes.	47424	104.00	105.00	1.00	nil							
		Fine Grained												
		Lower Contact	47425	119.00	120.50	1.50	nil							
		nil47425	47426	120.50	121.68	1.18	nil							
		1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-3mm												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		Pyrite: trace as fine grains. Chlorite Alteration: weak as grains (porphyries) all along the unit. Carbonate Alteration: weak as veinlets (1-2mm) Non Magnetic Non Conductive 119-121.68 Brecciated intermediate flow fragment sub round can be brecciated in situ? 151.6-152.4 same as 119.0-121.68												
177.4	216.3	**RHYOLITE TO RHYOLITIC FLOW** Light Green to Grey -: This unit have a rhyolotic composition 15-20% quartz eyes (1-5mm) Aphanitic nil nil 190-191.09 1-2% of hematised veinlets (1-2mm) at random angle. 193.7-194.06 same as 190-191.09 195-195.05 Hematised vein at 45 deg. 195.24-195.36;195.5-195.8 Breccia zone fragments sub-angular (2mm-2cm) with 50% of hematised gangue tr-1% pyrite. 199.25-199.4 Breccia 50% sub-angular fragments with 50% hematised gangue. 214.4-216.38 Rhyolite or rhyolitic flow brecciated in situ 15-20% fragments sub-round. ----------Sub Units----------	47427	182.00	183.50	1.50	nil							
			47428	190.00	191.50	1.50	nil							
			47429	194.06	195.50	1.44	nil							
			47430	195.50	197.00	1.50	nil							
			47431	199.25	200.25	1.00	nil							
			47432	214.40	215.40	1.00	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0		SAMPLE INTERVALS												
		Fire Assay Samples : 47407 to 47432 Lithogeochem Samples: 12-01 to 12-19 Lithogeochem Samples Analysed for AU+31 elements												
216.3		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
12-01	44.00	48.00	4.00	4	nil	nil						52		nil									1.3								20
12-02	48.00	52.50	4.50	nil	11	nil						72		nil									nil								39
12-03	52.50	61.50	9.00	2	6	nil						57		nil									nil								37
12-04	61.50	70.00	8.50	1	10	nil						58		nil									nil								31
12-05	70.00	78.00	8.00	nil	8	nil						60		nil									nil								35
12-06	78.00	88.00	10.00	2	5	nil						42		nil									nil								39
12-07	88.00	100.20	12.20	nil	6	nil						22		nil									nil								53
12-08	100.20	110.00	9.80	nil	nil	nil						56		nil									nil								44
12-09	110.00	120.00	10.00	nil	nil	nil						53		nil									0.6								43
12-10	120.00	130.00	10.00	nil	6	nil						59		nil									nil								35
12-11	130.00	140.00	10.00	1	nil	nil						59		nil									nil								38
12-12	140.00	150.00	10.00	nil	nil	13						61		nil									nil								39
12-13	150.00	160.00	10.00	nil	nil	nil						69		nil									0.6								37
12-14	160.00	170.00	10.00	nil	nil	nil						58		nil									nil								45
12-15	170.00	177.40	7.40	nil	6	nil						66		nil									nil								42
12-16	177.40	187.00	9.60	nil	nil	nil						56		nil									nil								32
12-17	187.00	197.00	10.00	nil	nil	14						48		nil									nil								32

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
12-18	197.00	207.00	10.00	nil	nil	nil						43		nil									nil								24
12-19	207.00	216.33	9.33	nil	nil	14						63		nil									nil								35

Sample No.	From (m)	To (m)	Width (m)	---------Remarks---------
47407	44.00	45.50	1.50	Intermediate flow 1-5% quartz veining trace pyrite.
47408	45.50	47.00	1.50	idem
47409	51.00	52.50	1.50	Intermediate flow 5-10% quartz veining trace pyrite.
47410	53.90	55.00	1.10	idem trace-1% pyrite.
47411	55.00	56.00	1.00	Intermediate flow 1-5% quartz veining trace-1% pyrite.
47412	56.00	57.50	1.50	Intermediate flow 10-15% quartz veining trace pyrite.
47413	57.50	59.00	1.50	Intermediate flow 1-5% quartz veining trace pyrite.
47414	59.00	60.50	1.50	idem
47415	60.50	62.00	1.50	Intermediate flow 5-10% quartz veining trace pyrite.
47416	78.00	79.50	1.50	Brecciated intermediate to mafic flow 1-2% quartz veining trace-1% pyrite.
47417	82.00	82.88	0.88	Intermediate to mafic flow 1-5% quartz veining trace-1% pyrite.
47418	87.15	87.60	0.45	Intermediate flow and quartz veining trace pyrite.
47419	87.60	88.60	1.00	Intermediate flow 1-2% quartz veining trace pyrite.
47420	97.72	98.72	1.00	Intermediate flow sericitised 50% quartz veining trace-1% pyrite.
47421	98.72	99.72	1.00	Intermediate flow sericitised 1-2% quartz veining trace pyrite.
47422	99.72	100.72	1.00	Intermediate flow 5-10% quartz veining trace pyrite.
47423	100.72	101.72	1.00	Intermediate flow 1-2% quartz veining trace pyrite.
47424	104.00	105.00	1.00	Intermediate flow 1-5% quartz veining trace pyrite.

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
47425	119.00	120.50	1.50	Brecciated intermediate flow trace pyrite.
47426	120.50	121.68	1.18	idem
47427	182.00	183.50	1.50	Rhyolite trace pyrite 10-15% quartz eyes.
47428	190.00	191.50	1.50	Rhyolite 1-5% hematite 10-15% quartz eyes.
47429	194.06	195.50	1.44	Rhyolite 10-15% hematite 10-15% quartz eyes.
47430	195.50	197.00	1.50	Rhyolite 1-5% hematite 10-15% quartz eyes.
47431	199.25	200.25	1.00	Rhyolite 5-10% hematite 10-15% quartz eyes.
47432	214.40	215.40	1.00	Rhyolite 1-2% hematite 10-15% quartz eyes.
12-01	44.00	48.00	4.00	Intermediate flow (porphyritic).
12-02	48.00	52.50	4.50	idem
12-03	52.50	61.50	9.00	idem
12-04	61.50	70.00	8.50	idem
12-05	70.00	78.00	8.00	idem
12-06	78.00	88.00	10.00	Intermediate flow (porphyritic) medium grain.
12-07	88.00	100.20	12.20	idem
12-08	100.20	110.00	9.80	Intermediate flow (porphyritic).
12-09	110.00	120.00	10.00	idem
12-10	120.00	130.00	10.00	idem

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
12-11	130.00	140.00	10.00	idem
12-12	140.00	150.00	10.00	idem
12-13	150.00	160.00	10.00	idem
12-14	160.00	170.00	10.00	idem
12-15	170.00	177.40	7.40	idem
12-16	177.40	187.00	9.60	Rhyolite to Rhyolite flow.
12-17	187.00	197.00	10.00	idem
12-18	197.00	207.00	10.00	idem
12-19	207.00	216.33	9.33	idem

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H-1434-013
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05-09-1988::14:50

DIAMOND DRILL LOG

Property:	La Gauchetiere (P-1434)	NTS:	32E/16	Township:	La Gauchetiere
Partner:	Golden Triangle/Yellowstar	Claim #:		Coordinates:	96+30E , 6+50S
Azimuth:	180 degrees	Dip:	-50 degrees	Length:	191 meters
Logged By:	Alain Chevalier	Casing:	Bq	Elevation:	Surface
Date Started:	Feb 02 1988	Date Completed:	Feb 18 1988	Date Logged:	Feb 24 1988
Core Location:	Val d'Or (Quebec)	Samples Shipped:	Feb 28 1988	Drill Company:	Bradley Bros.
Overburden:	59 meters				

Tropari/Dip Tests

	Depth	Azimuth	Dip
# 1.	59 m		-53 deg.
# 2.	191 m		-48 deg.

Purpose

Intersect 3 lineament illustrated by the ground mag.

Conclusions

From 80.4-89.7 Intermediate to lapilli tuff highly fractured.All this sub-unit are strongly sericitised.

Recommendations

If assay give good result further drilling is recommend to extent the zone.

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	59.0	OVERBURDEN		
59.0	89.7	INTERMEDIATE TO MAFIC TUFF	Pyrite (tr-1% as fine)	Chlorite (weak to moder) Carbonate (very weak as)
80.4	89.7	INTERMEDIATE LAPILLI TUFF	Pyrite (trace as diss)	Chlorite (weak as perva) Sericite (moderate to s)
89.7	174.7	INTERMEDIATE TO FELSIC LAPILLI TUFF	Pyrite (trace as diss)	Silica (moderate as p)
174.7	191.0	INTERMEDIATE FLOW	Pyrite (trace as diss)	Sericite (weak as veinl)
191.0		END OF HOLE.		

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
0.0	59.0	OVERBURDEN												
59.0	89.7	INTERMEDIATE TO MAFIC TUFF												
		Dark Green to Grey	47433	66.85	67.85	1.00	nil							
		-: This unit are a medium grain greywacke or an intermediate tuff slightly foliated.	47434	67.85	68.54	0.69	nil							
		-: The unit are crosscut by sub-unit of lapilli to blocky tuff.	47435	72.47	73.49	1.02	nil							
		Fine to Medium Grained												
		Lower Contact												
		Schistosity: S1 at 20-45 deg. Deg. Cax.												
		1-2% Quartz-Carbonate Veining at Random Angles -- Avg. Width (1-2mm) as veinlets.												
		Pyrite: tr-1% as fine grains disseminated.												
		Chlorite Alteration: weak to moderate												
		Carbonate Alteration: very weak as pervasive												
		Non Magnetic												
		Non Conductive												
		62.26-62.46 Intermediate tuff schistosity moderately developed 45 deg.silicification are moderate 1-5% lapilli fragments elongated (1-4mm)												
		66.24-67.85 Mafic tuff schistosity moderately developed 20 deg. cax. 5-10% very elongated lapilli (1-7mm) as the schistosity.												
		68-68.25 Intermediate tuff 1-2% blocky size fragments (1-7mm) moderately silicified.												
		68.25-68.54;69.06-69.29 Highly silicified tuff or block of rhyolitic composition with 10-15% porphyry of feldspar composition.												
		72.47-72.79 Highly silicified tuff schistosity 30 deg. cax 1-2% pyrite and pyrrhotite as veinlets (1-3mm) along schistosity.												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		73.49-74.18 Lapilli tuff fragments are monolithic of quartz composition elongated as the schistosity 1-2% pyrite pyrrhotite along the schistosity as veinlets (1-2mm).												
		----------Sub Units----------												
		80.4 89.7 INTERMEDIATE LAPILLI TUFF												
		Light Grey to Grey												
		-: This sub-unit are composed of tuff with 50% of quartz fragments lapilli size.	47436	85.00	86.00	1.00	nil							
			47437	86.00	86.67	0.67	nil							
		-: 50% of them are elongated as the schistosity at 45 deg. cax.	47438	89.00	89.69	0.69	nil							
		-: all the sub-unit are highly fractured												
		Fine to Medium Grained												
		Lower Contact at 45 deg. Deg. Cax.												
		Schistosity: S1 at 45 deg. moderately developed. Deg. Cax.												
		tr-1% Quartz-Carbonate Veining at Random Angles -- Avg. Width (1-2mm)												
		Pyrite: trace as disseminated fine grains.												
		Chlorite Alteration: weak as pervasive.												
		Sericite Alteration: moderate to strong.												
		Non Magnetic												
		Non Conductive												
		82.57-82.78 Gabbroic dyke moderately chloritised U.C. L.C. 50 deg. cax.												
		83.92-84.57 Intermediate lapilli tuff moderately to highly silicified lapilli are elongated as the schistosity (45 deg.)												
		86-89.3 same as 83.92-84.57.												
89.7	**174.6**	**INTERMEDIATE TO FELSIC LAPILLI TUFF**												
		Light Grey to Grey	47439	89.69	90.27	0.58	nil							

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		-: This unit contains 5-15% lapilli size fragments of felsic origin and 1-5% of mafic origin and are crosscut by more massive tuff.	47440	97.00	98.00	1.00	nil							
			47441	98.00	99.00	1.00	nil							
		-: The unit are highly fractured all along the unit.												
		Fine to Medium Grained	47442	108.92	109.42	0.50	nil							
		Lower Contact at 40 deg Deg. Cax.	47443	109.42	110.94	1.52	nil							
		Bedding at 40-45 deg. Deg. Cax.												
		1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-3mm	47444	115.46	116.56	1.10	nil							
		Pyrite: trace as disseminated grains	47445	124.00	125.00	1.00	nil							
		Silica Alteration: moderate as pervasive	47446	125.00	126.00	1.00	nil							
		Non Magnetic												
		Non Conductive	47447	128.10	129.15	1.05	nil							
			47448	129.15	129.49	0.34	nil							
		89.69-90.27 Gabbro diorite fine to medium grain massive tr-1% pyrite as fine grains disseminated.	47449	131.65	132.65	1.00	nil							
		104.74-105.4 Intermediate to mafic flow fine grain 5-10% epidotised porphyries 1-3mm.	47450	132.65	133.65	1.00	nil							
			47451	133.65	134.65	1.00	nil							
		105.4-105.45 Highly silicified zone injected with quartz veinlets 1-2% pyrite associate.	47452	144.00	145.00	1.00	nil							
		108.92-109.19 10-15% Quartz veining and patch of sericitization (3 by 4 cm)	47453	145.00	146.00	1.00	nil							
		109.42 110.94 Gabbro dyke medium grain moderately chloritised U.C. L.C.45 deg. and 30 deg.	47454	150.34	151.34	1.00	nil							
			47455	151.34	151.91	0.57	nil							
		110.94-111.16;111.55-112.19;113-113.3;115-115.46 same as 104.74-105.4 U.C.45 deg. and L.C. 45 deg.	47456	151.91	152.91	1.00	nil							
		124.75-124.85 Injection of quartz veining epidotised veinlets trace of pyrite.	47457	163.93	165.21	1.28	nil							
		128.1-129.49 Intermediate flow fractured in situ presence of minor fault gouge brecciated area.												
		130.22-131.65 Intermediate tuff 5-10% of felsic grains.												
		145-152 Highly fractured core.												

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		146.05-150.6;151.08-151.91 Intermediate flow or tuff. 151.34-151.91 Faulted zone 40% of fault gouge moderate hematisation. 153.28-155.5 Gabbro dyke fine to medium grain weak hematisation as veinlets associated with quartz (1-2mm). (155.4-155.5) Schistosity well developed at 45 deg. 163.93-164.11 Highly sericitised zone brecciated in situ schistosity well developed at 45 deg. 165.21-168.51 Gabbroic dyke medium grain (165.65-166) Gabbro injected with 5-10% quartz veins tr-1% pyrite. 168.51-171.73 Intermediate to mafic flow fine to medium grain 1-5% quartz veining trace of quartz vesicle 171.73-174.65 Gabbroic dyke fine to medium grain U.C. 10 deg. L.C. 90 deg.											
174.6	191.0	**INTERMEDIATE FLOW** Dark Grey to Grey -: This unit have an intermediate composition the entire unit are fractured -: and space are filled with quartz carbonate veinlets and highly sericitised veinlets. -: The entire unit are moderately brecciated in situ. Fine to Medium Grained Lower Contact E.O.H. 1-5% Quartz-Carbonate Veining at Random Angles -- Avg. Width 1-4mm Pyrite: trace as disseminated fine grains Sericite Alteration: weak as veinlets 5% 1-3mm) filled in fracture. Non Magnetic Non Conductive	47458	177.48	178.25	0.77	nil						

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Sb (ppm)	As (ppm)	Mo (ppm)
		177.48-178.25 Bleached intermediate flow injected by quartz veinlets (1-2mm) at random angle. 183.64-184 Intermediate flow sericitised moderately. 188.32-191 Gabbroic dyke fine to medium grain trace of hematite as veinlets(1-2mm)												
		----------Sub Units----------												
0.0		SAMPLE INTERVALS												
		Fire Assay Samples : 47433 to 47459 Lithogeochem Samples: 13-01 to 13-13												
191.0		END OF HOLE.												

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sb ppm	As ppm	Ba ppm	Cd ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Eu ppm	Pb ppm	Ir ppb	Fe pct	La ppm	Mo ppm	Ni ppm	Rb ppm	Sc ppm	Se ppm	Ag ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	W ppm	U ppm	Yb ppm	Zn ppm
13-01	59.00	69.00	10.00	1	9	nil						39		16									nil								62
13-02	69.00	79.00	10.00	nil	8	8						50		10									nil								63
13-03	79.00	89.70	10.70	2	12	nil						35		6									nil								55
13-04	89.70	100.00	10.30	1	9	nil						43		5									nil								45
13-05	100.00	110.00	10.00	nil	10	nil						51		9									nil								43
13-06	110.00	120.00	10.00	1	6	nil						46		8									nil								41
13-07	120.00	130.00	10.00	2	11	nil						53		8									nil								49
13-08	130.00	140.00	10.00	1	nil	nil						52		18									nil								58
13-09	140.00	151.00	11.00	1	12	nil						46		8									nil								56
13-10	151.00	162.00	11.00	5	6	nil						37		7									nil								33
13-11	162.00	174.60	12.60	1	7	10						42		6									nil								39
13-12	174.60	184.00	9.40	1	11	22						60		7									nil								52
13-13	184.00	191.00	7.00	1	13	15						92		7									nil								60

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
47433	66.85	67.85	1.00	Tuff or altered flow schistose.
47434	67.85	68.54	0.69	Tuff or altered flow schistose 5-10% block.
47435	72.47	73.49	1.02	Tuff or altered flow schistose trace-1% pyrite.
47436	85.00	86.00	1.00	Intermediate Tuff brecciated in situ.
47437	86.00	86.67	0.67	Intermediate Lapilli and blocky Tuff schistose trace pyrite.
47438	89.00	89.69	0.69	Intermediate Tuff altered silicified trace pyrite.
47439	89.69	90.27	0.58	Mafic flow trace-1% pyrite.
47440	97.00	98.00	1.00	Lapilli to blocky Tuff silicified highly
47441	98.00	99.00	1.00	idem
47442	108.92	109.42	0.50	Intermediate flow brecciated in situ 15-20% sericite veinlet.
47443	109.42	110.94	1.52	Gabbro trace pyrite.
47444	115.46	116.56	1.10	Lapilli Tuff silicified brecciated in situ.
47445	124.00	125.00	1.00	Lapilli Tuff silicified trace pyrite.
47446	125.00	126.00	1.00	idem
47447	128.10	129.15	1.05	Intermediate flow brecciated in situ fault gouge.
47448	129.15	129.49	0.34	Intermediate flow brecciated in situ minor fault gouge.
47449	131.65	132.65	1.00	Lapilli Tuff trace pyrite.
47450	132.65	133.65	1.00	idem

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
47451	133.65	134.65	1.00	idem
47452	144.00	145.00	1.00	idem
47453	145.00	146.00	1.00	idem
47454	150.34	151.34	1.00	idem
47455	151.34	151.91	0.57	Fault gouge brecciated.
47456	151.91	152.91	1.00	Lapilli Tuff trace pyrite.
47457	163.93	165.21	1.28	Intermediate flow weak sericite.
47458	177.48	178.25	0.77	Intermediate flow moderately sericitised schistose.
47459	183.64	184.64	1.00	idem
13-01	59.00	69.00	10.00	Intermediate to mafic Tuff.
13-02	69.00	79.00	10.00	Intermediate to mafic Tuff.
13-03	79.00	89.70	10.70	Intermediate to mafic Tuff.
13-04	89.70	100.00	10.30	Intermediate to Felsic Lapilli Tuff.
13-05	100.00	110.00	10.00	Intermediate to Felsic Lapilli Tuff.
13-06	110.00	120.00	10.00	Intermediate to Felsic Lapilli Tuff.
13-07	120.00	130.00	10.00	Intermediate to Felsic Lapilli Tuff.
13-08	130.00	140.00	10.00	Intermediate to Felsic Lapilli Tuff.
13-09	140.00	151.00	11.00	Intermediate to Felsic Lapilli Tuff.

Sample No.	From (m)	To (m)	Width (m)	----------Remarks----------
13-10	151.00	162.00	11.00	Intermediate to Felsic Lapilli Tuff.
13-11	162.00	174.60	12.60	Intermediate to Felsic Lapilli Tuff.
13-12	174.60	184.00	9.40	Intermediate flow.
13-13	184.00	191.00	7.00	Intermediate flow.