## 2.32272

REPORT ON

#### DIAMOND DRILL PROGRAM

ON

#### LOVELAND PROPERTY

FOR

#### EXPLORERS ALLIANCE CORPORATION

N T S 42 A 12

May 2006

LIONEL BONHOMME



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1.0 INTRODUCTION

DURING APRIL 2006, EXPLORERS ALLIANCE CORPORATION COMPLETED A DRILL

HOLE NUMBERED EL-25-12 FOR A LENGTH OF 183 METERS. THE PROGRAM

STARTED ON APRIL 17,2006 AND WAS COMPLETED ON APRIL 22,2006 BY COLBERT

DRILLING AND EXPLORATION CO..THE DRILL HOLE COLLAR WAS LOCATED AT

50300 NORTH AND 10175 EAST WEST MINER GRID 1994.A WATER LINE WAS USED

FROM NEARBY ENID CREEK AND EXISTING FOREST LOGGING ROAD NETWORK

WAS USED FOR ACCESS.

2.-LOCATION

THE PROPERTY CONSIST OF 11 UNPATENTED MINING CLAIMS IN THE PORCUPINE MINING DIVISION. THEY ARE NUMBERED AS FOLLOWS :

1037149,1037154,1037155,1037160 TO 1037165 INCLUSIVE,1037168, AND 1037169.

ACCESS TO PROPERTY IS GAINED BY FOLLOWING THE KAMKOTIA HIGHWAY 576

TO TEMBEC LOGGING ROAD TO MARKER 10 KM. A LOGGING TRAIL BUILT

WHEN THE PROPERTY WAS LOGGED PROVIDES ACCESS TO THE CLAIMS. THE

PROPERTY HAS NO VEGETATION DUE TO PREVIOUS LOGGING AND HAS ABOUT

10% OUTCROPS OF GABBRO.

**3.- PREVIOUS WORK** 

1957	TILMAC GROUP	9 DRILL HOLES	<b>T-640</b>
1964-1968	HOLLINGER MINES	25 DRILL HOLES	T-794

1969-1971	HOLLINGER MINES	MAG SURVEY	T-1358
1970	HOLLINGER MINES	AMAG EM SURVEY	T-681
1978	TEXAS GULF CANADA	MAG SURVEY	T-1873
1980	GULF MINERALS LTD	AMAG EM SURVEY	T-1929
1988-1989	FALCONBRIDGE FALCONBRIDGE	MAG EM SURVEY 3 DRILLHOLES	T-3311 T-3311
1994-1996	WEST MINER LTD WESTMINER LTD	GEOPHYSICAL SURVEYS 1 DRILL HOLE	
2000	EXPLORERS ALLIANCE	8 DRILL HOLES	T-4488

4.- PERSONNEL

THE PROGRAM WAS MANAGED BY LIONEL BONHOMME AND THE CORE WAS LOGGED BY ED VAN HEES. A DETAILED LOG IS ATTACHED WITH LOCATION MAPS, PLAN AND SECTION. AS THE PROGRAM IS ONGOING THE BALANCE OF THE DRILL PROGRAM WILL BE FILED IN THE SHORT TERM.

5.0 DIAMOND DRILL HOLE

COLLAR 10,175 METERS EAST 50,300 METERS NORTH

WEST MINER 1994 GRID

AZIMUTH 270 DEGREES (DUE WEST)

DIP -70 DEGREES

LENGTH 183 METERS



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Figure : | Location Map

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## DRILL HOLE LOCATION MAP



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### Drill Log for Hole EL-25-12

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Logged by: E. H. van Hees, P.Geo Date: May 22, 2006.

<u>M</u>	<u>letres</u>	Description
0 12	- 12 2 - 24.07	Casing fine-grained Gabbro
	14.34 - 14.37 $15.65 - 15.75$ $19.19$ $19.49 - 19.54$ $19.72 - 19.75$ $20.58 - 20.70$ $21.24 - 21.34$ $21.64$ $22.62 - 22.66$ $23.67$	<ul> <li>3 cm band with blebs of Po and Cpy (¼ %)</li> <li>zone with disseminated Po (¼ %)</li> <li>3- 4 mm bleb of Po</li> <li>2.5 cm band with ½ % blebs of Po</li> <li>3 cm band with ½ % of disseminated Po</li> <li>12 cm band with ¼ % blebs of Po</li> <li>10 cm band with 1 % of disseminated Po in larger "clasts"</li> <li>fleck of Po</li> <li>2 cm band with 3 % of disseminated Po</li> <li>3-4 mm bleb of Po + Cpy</li> </ul>
24 24	4.07 – 27.40 4.30 – 24.37	medium-grained Gabbro 7 cm mafic xenolith
	24.58 - 24.74 25.35 - 25.50 25.63 26.01 26.34 - 26.66	3 blebs of Po + Cpy (2-3 mm in size) xenoliths with disseminated and blebs of Po + Cpy averaging 2 % 2 mm bleb of Po 3 mm bleb of Po + Cpy <sup>1</sup> / <sub>2</sub> - 1 % Po + Cpy in widely spaced blebs
2	7.40 – 28.45	fine-grained Gabbro
	27.57 28.36 – 28.45	3 mm bleb of Po + Cpy 2 % disseminated Po + Cpy in bands and clasts
2	8.45 - 30.01	Mafic Xenolith cut by quartz veins @ 29.09, 29.19 + 29.60 m $(30 - 45^{\circ} \text{ TCA})$
	28.62 29.09 29.19 29.60	5 mm bleb of Po + Cpy <sup>1</sup> / <sub>2</sub> % Cpy + Po in quartz vein <sup>1</sup> / <sub>2</sub> % Cpy + Po in quartz vein <sup>1</sup> / <sub>2</sub> % Cpy + Po in quartz vein
3	0.01 - 33.36	fine-grained Gabbro with lots of xenoliths
X	30.22 30.40 30.84 31.58 32.02 - 32.19	disseminated Po in "clasts" disseminated Po in 7 mm clast 3 mm bleb of Po 6 mm quartz vein at 45° TCA contains Cpy 1 – 2 % Po + Cpy as blebs up to 5 mm
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<u>Metres</u>	Description
33.16	1 mm veinlet of Cpy + Po + quartz @ 40° TCA
33.36 - 36.23	medium grained gabbro with minor xenolith near 36.23 m
33.90 34.05 34.12	Bleb of Po Bleb of Po Bleb of Po
36.23 - 36.82 36.82 - 38.70	Mafic Xenolith medium grained Gabbro with some xenoliths
37.20 - 37.35	very disseminated Py + Po
38.70 - 40.11	coarse grained Gabbro
38.71 – 38.73 39.55 – 39.57	disseminated Po (¼ %) quartz veinlet at 45° TCA with <u>possible fleck of gold</u>
40.11 - 40.77 40.77 - 53.45	Alteration Zone with 50 % Dravite Tourmaline coarse grained Gabbro
41.45 42.02 53.88 - 53.45	bleb of Po (3 mm) bleb of Po (6 mm) with Cpy 1 - 2 % Po + Cpy blebs
53.45 - 54.50	Sulphide Zone that typically has more than 10 % disseminated Po
54.50 - 57.20	Disseminated Sulphide Zone that typically contains $<1$ % Po with bands that contain $> 10$ % Po
55.10 - 55.13 55.19 - 55.24 55.29 - 55.31 55.36 - 55.40 55.46 - 55.49 55.65 - 55.72 56.01 - 56.04 56.46 - 56.49 56.80 - 56.84	<ul> <li>8 band with &gt;10 % Po</li> <li>8 band with &gt;10 % Po</li> <li>9 band with &gt;10 % Po</li> </ul>
57.20 - 60.35 60.35 - 61.07	Sulphide Zone with +10 % disseminated Po throughout Sulphide Zone with +10 % coarse-grained Po throughout

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<u>Metres</u>	Description
61.07 – 63.42	Sulphide Zone with +10 % disseminated Po throughout – layered in places cuts core at 60°TCA (generally). There are also some folded layers that suggest soft-sediment type deformation. Lower contact @ $\sim$ 60° TCA
63.42 - 65.93	medium-grained Gabbro
65.93 - 70.01	coarse-grained and very light coloured Gabbro (leucocratic)
70.01 - 72.84	medium-grained gabbro
72.84 – 75.28	medium-grained and darker green coloured Gabbro with blebs of sulphides
72.84 – 73.47	lots of $3 - 5$ mm blebs of Po and Cpy as well as some veinlets (2 % overall)
73.84	bleb of Po
73.94	bleb of Po (3 mm)
74.00	bleb of Po (3 mm)
74.14	bleb of Po (3 mm)
74.20	bleb of Po (3 mm)
74.26	bleb of Po (8 x 12 mm)
74.28	bleb of Po (3 mm)
72.84 - 75.28	medium-grained Gabbro with blebs of sulphides (darker green)
74.93 – 75.28	coarse-grained blebs of Po make up $2 - 3 \%$ of the core
75.28 – 77.24	medium-fine grained Gabbro that is slightly darker green than the Gabbro above. Upper contact is at $\sim 50$ ° TCA.
77.02 – 77.76	layer of Po that is 35 % sulphides
77.24 – 77.76 77.76 – 81.59	mafic xenolith – fine-grained and dark green fine-grained gabbro with dark green "fragments" or possibly layers scattered throughout. Very fine-grained Po and Cpy over 1 <sup>st</sup> metre.
78.14 80.77	2 mm wide veinlet with Po several blebs of Po and Cpy (1-2 mm)
81.59 - 83.77	coarse-grained Gabbro
83.77 - 84.49	Xenolith of amygdaloidal basalt. Contact @ 15° TCA
84.49 - 90.25	fine-grained Gabbro with 5 Xenoliths up to 12 cm across in
	section. Lower contact @ ~45° TCA.
90.25 - 91.70	Larger mafic Xenolith with lots of alteration
91.70 - 93.06	fine-grained Gabbro with some mafic Xenoliths
93.06 - 94.64	mostly mafic xenoliths with some Gabbro in between
94.64 - 103.60	medium-grained Gabbro with xenoliths up to 25 cm

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<u>Metres</u>	Description
103.60 - 104.37	Xenolith
104.37 - 113.81	fine-grained Gabbro with a couple of 10-15 cm xenoliths (mafic)
111.70	bleb of Po
113.81 – 114.47	mafic Xenolith
114.47 – 150.04	medium-grained gabbro with occasional mafic xenolith up to 20 cm across
150.04 - 151.51	mafic Xenolith
150.20	Po + Cpy bleb
150.83	Po + Cpy bleb
151.10	Po + Cpy bleb
151.41	Po + Cpy bleb
151.51 - 155.00	coarse-grained Gabbro (leucocratic)
155.00 - 155.68	Fault Zone – clay gouge + lots of Po and Cpy
155.68 - 160.05	medium-grained Gabbro
160.05 - 162.46	fine-grained Gabbro
160.53	very disseminated sulphides
160.88	5 mm bleb of Po + Cpy
161.18	stringer of Po
161.41	very disseminated sulphides
161.83	bleb of Cpy (2-3 mm)
162.18	bleb of Cpy
162.46 - 162.88	Sulphide Zone with 30% combined Po + Cpy present as stringers
	throughout
162.88 – 164.38	medium-grained Gabbro with sulphides
163.05	Cpy bleb
163.11	stringer of sulphides
163.42	Po bleb
163.56	Po bleb
163.91	Po bleb
164.08	stringer of Po and Cpy
164.38 - 174.30	fine-grained Gabbro
164.49	Po bleb
164.54	Po bleb
164.65 – 165	.00 5 mm quartz stringer at 10° TCA with 35 % Po + Cpy
165.05	Po bleb

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<u>Metres</u>	Description
165.20	- 166.10 lots of coarse Po blebs make up ~2 % of rock
166.60	Cpy bleb (5 mm)
170.48	Cpy fleck – 1mm
171.50	Cpy in 3 mm wide quartz stringer
174.30 – 175.7	Alteration Zone with 6 cm wide quartz vein @ 5 to 30° TCA (numerous other quartz veinlets in section)
175.73 – 179.3	0 Mafic Pyroclastic Unit
179.30 - 183.0	0 Mafic – massive Unit
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A. Applion 10 D- work- some



DRILL HOLE LOCATION MAP

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