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Report of Diamond Drilling Halfmoon Lake Property Robb Township

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For: Explorers Alliance Corporation

By: Lionel Bonhomme August 2005

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1.0 INTRODUCTION

The Halfmoon Lake property is located in North central Robb Township, approximately 3 kms west of the past producing Kam-Kotia mine. Falconbridge transferred 100 % interest to Explorers Alliance Corporation in June of 2005. Explorers Alliance Corporation conducted a 392 metre diamond drill program in June of 2005. The layout and location was determined by Lionel Bonhomme on behalf of Explorers Alliance and Dr. Tim Barrett of Ore Systems Consulting. Norex Drilling was retained as contractor to complete the physical work. Wayne Corstorphine completed the logging of the drillhole.

2.0 LOCATION AND ACCESS

The property consists of four claims in North Robb Township G3968. The property can be accessed by paved highway 101 west from the City of Timmins; then paved municipal Kam-Kotia road for 16 kms; then 1.5 km on halfmoon lake gravel road; then 3 kms on a local logging road. Two wheel drive only is required to get to property. The location is 25 kms northwest from the City of Timmins and travel time is 40 minutes.

MAP 1



Figure 1: General Survey Location of the Halfmoon Lake Project.



MAP 2

3.0 REGIONAL GEOLOGY

The area is situated at the west end of the Abitibi Greenstone Belt , which consists of Archeanmetasediments and felsic to mafic metavolcanics intruded by granitic and mafic bodies.

4.0 LOCAL GEOLOGY

The Kam-Kotia volcanic belt consists of mafic and felsic volcanics intruded by mafics. A description of the geology is given by Ferguson (1944), Middleton (1972), Pyke (1970), Hart (1983) and Barrie (1990). Discover Abitibi conducted airborne MegaTem and Magnetic survey in 2004 and regional and local structural and geochron studies. Recent work by Hathway Hudak and Hamilton (2005) has shown that the Halfmoon rocks are similar in age to Blake River Assemblages (2699 Ma). A Study by Ore Systems Consulting had determined The lithogeochem ID as being FIIIa and FIIIb types (Lesher,C.M. et al 1986 CJES vol 23).

5.0 PROPERTY GEOLOGY

The geology consists of a mafic intrusive hanging wall to the south, followed by Felsic Volcanics, then mafic volcanic footwall (Ore Systems Consulting). Minor sulphides are disseminated at the hanging wall and semi to massive sulphides are located at the footwall contact to the north. Economic and sub-economic grades of cu-zn have been traced for 250 metres of strike and 150 metres of vertical extent (map 3 below).





A review of assessment files and other files has identified various regional programs that included or bordered the property, as well as geology maps published by OGS Middleton (1972, 1973). This work was based on a compilation of all magnetic and geological surveys, and provides an adequate database of historical work. The Geochemistry and petrogenesis of a metavolcanic and intrusive sequence in the Kamismotia area, Timmins, Ontario unpublished MSc thesis, by Thomas Hart provides a modern frame work to understand the potential in the area. A summary of previous work is described below.

In 1955 Dominion Gulf Company conducted aeromagnetic survey, ground VLEM, self potential, resistivity, gravity, soil geochem and geological mapping. The property was partly covered by the soil geochem survey and a zinc anomaly was identified east of halfmoon lake but no follow up work was conducted. In 1964 Mespi Mines Limited conducted magnetic and max-min em surveys with no follow up work recommended. In 1965 Cincinnati Porcupine Mines Ltd. followed the mespi survey and drilled east and north off the subject property and identified favourably altered felsic and mafic volcanics. In 1992 Falconbridge Limited acquired the property by staking and conducted line cutting, magnetic and HLEM surveys. An airborne survey consisting of 1756 line kilometres was conducted. In 1995 an in loop PEM survey was conducted on the property and identified several conductors. In 1996 drill testing a PEM target drillhole R10 encountered 19.5 metres of 0.19% Cu 1.47% Zn 5.8 g/t Ag A mise a la masse survey confirmed that the zone extended 100 metres to the west where drillhole R11 encountered 4.42 metres of 0.64 Cu and 4.30 % Zn. An EM downhole

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survey conducted located a 20 channel borehole anomaly that was tested with drillhole R14 with minor base metal values. The grid over Halfmoon lake was extended and a small in-loop TEM survey was completed in fall 1996. This survey confirmed that the dips are shallow south subvertical and remains untested. The project was optioned to Explorers Alliance Corporation a private company. Prospectors Alliance Corporation agreed to fund the obligations of Explorers Alliance Corporation. During 1997, Prospectors conducted a detailed Gravity, Magnetic, Hlem and Induced Polarization surveys Prospectors Alliance Corporation completed drillholes (HM98-18 to HM98-31) totalling 2772 metres of drilling, which included HM 98-19 grading 7.12% Zn 0.38% Cu 0.24% Pb 18.9g/t Ag and 447 ppb au over 8.3 metres. A mise -a-la-masse survey was conducted in the vicinity of HM 98-19 and borehole EM surveys. The results were inconclusive and Prospectors was considering the abandonment of the project due to spotty and poddy nature of sulphides. Explorers Alliance (private company) tested the sulphides downdip to confirm previously interpreted dip from PEM survey (s. Taylor). Drillhole EAL 98-01 encountered 14.3 metres 0.14% Cu and 2.91% Zn. Subsequently Prospectors decided to fund further work including detailed lithogeochem sampling and chemostratigraphic interpretation by Barrett and MacLean Ore Systems Consulting. A downhole pulse program failed to locate the Zinc sulphides but identified the barren sulphides. A drill program consisting of 4 holes confirmed the presence of sulphides and the model presented by Ore systems Consulting. A new campaign of downhole geophysics on previously surveyed and additional holes resulted in the same conclusions. Induced Polarization with wider arrays and PICSAMT surveys and data inversion were able to isolate a weak target at depth and strike. A program of

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seven drillholes confirmed a strike of 250 metres and depth of 150 metres of massive sulphides. Further studies by Ore System Consulting provided a section by section of alteration and strongly altered Chloritic Footwall associated with the sulphides. In 2005 Falconbridge abandoned their interest in the property and Explorers Alliance Corporation tested the south east extension of the geology. This program was successful in locating the key markers to the east of a diabase dyke.

7.0 CONCLUSION

It became apparent that all previously drilled holes by Explorers will have to be surveyed to measure dip and Azimuth. The subject drilling was only surveyed by acid test every 100 metres more or less. It is also apparent that drillholes tested with proper equipment had a-deviation on the azimuth of 3 degrees per hundred metres on average. The results of this program will help the further exploration efforts coupled with additional lithogeochem data obtained with this program.

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<u>References</u>

Ayer J et al 2002. <u>Evolution of the southern Abitibi Greenstone belt based on U-Pb</u> <u>geochronnology</u>; Precambrian research v 155 page 63-95.

Barrett T.J. and Mac Lean W.H. 1999. <u>Volcanic sequence lithogeochemistry</u>, and <u>hydrothermal alteration in some bimodal volcanic -associated massive sulphide</u> <u>systems</u>; Review in Economic Geology v8 p101-113. Barrett T.J. and MacLean W.H. 1999-2005 <u>Report on Halfmoon Lake Property in</u> progress.

Falconbridge Limited, 1996. <u>Budget Proposal Timmins Exploration Office Private</u> report.

Hart, T.R. 1984. The Geochemistry and petrogenesis of a metavolcanic and intrusive sequence ir

Lesher C.M. et al 1986. Trace element geochemistry of ore associated and barren, felsic metay

Prospectors Alliance Corporation Report Of <u>Diamond Drilling Halfmoon Lake Property</u> private report.

Quantec consulting Inc Geophysical Survey 3d borehole halfmoon lake area June 1999

ValDor Sagax Interpretation report on <u>IP and PICSAMT surveys at Halfmoon lake</u> April 2000.

<u>Certificate</u>

I, Lionel Bonhomme, hereby certify that:

- I) I am a member of The PDAC of Canada and Porcupine Group.
- II) I am the holder of a prospector licence for the province of Ontario.
- III) I am a member of the Geological Association of Canada GAC.
- IV) I have been actively involved in exploration since the 1964 in various roles.

- V) My spouse is a shareholder of Explorers Alliance Corporation.
- VI) 1218395 Ontario Inc. has provided consulting services to Explorers Alliance Corporation and my spouse is the owner of that corporation.

Lionel Bonhomme

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*For features such as foliation, bedding, schistosity, measured from the long axis of the core. *Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

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NOREX DRILLING LTD.			carotte NQ (47.6 mm)	SURFACE	forage par rapport au nord vrai 35 deg	du forage 68.0 m	Collar/collier	- 45 deg				G-3968			1190191			
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*For features such as foliation, bedding, schistosity, measured from the long axis of the core. *Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

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