

REPORT OF DIAMOND DRILLING PROGRAM

FOR EXPLORERS ALLIANCE CORPORATION

HALF MOON PROJECT

ROBB TOWNSHIP

PORCUPINE MINING DIVISION

Lionel Bonhomme  
MAY 2006



2.32328

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INDEX

PAGE 1 TABLE OF CONTENTS

PAGE 2 INTRODUCTION  
LOCATION AND ACCESS  
REGIONAL GEOLOGY

PAGE 3 LOCAL GEOLOGY  
PREVIOUS WORK

PAGE 4 CERTIFICATE

PAGE 5 PROPERTY MAP

PAGE 6 SURFACE PLAN ER-06-44

PAGE 7 SECTION ER-06-44

PAGE 8 SURFACE PLAN ER-06-45

PAGE 9 SECTION ER-06-45

APPENDIX A DRILL LOGS

## 1.0 INTRODUCTION

The Half moon project is located in North Central Robb Township ,approximately 3 kilometers west of the past producing Kam-Kotia mine . Explorers Alliance Corporation conducted a two hole diamond drill program totaling 616 meters .The contractors was Denis Crites Diamond Drilling P.O. Box 216, Porcupine ,Ontario ,with start a date of may 5,2006 and end date of may 14,2006.The layout and location was performed by Lionel Bonhomme of Explorers Alliance Corporation. Ed Van Hees was retained to log and describe the drill core. The drill hole collars are as follows ;

ER-06-44 52+00 East 10030 North Dip -60 deg az 026 deg 302 meters

ER-06-45 54+25 East 10025 North Dip -60 deg az 026 deg 314 meters

Water for the drilling was obtained from casing located at 10162 north on line 52+00 east

## 2.0 LOCATION

The property owned by Explorers Alliance Corporation in Robb township Plan G 3968 consists of 100 un patented contiguous units and more specifically the program was conducted South of Half Moon lake .The property can be accessed by paved highway 101 west from the City of Timmins ;then following paved municipal road Kam-kotia for 16 kms ; Then 1.5 km on half moon lake gravel road ;then 3kms on a local logging road..

Two wheel drive only is required to access the property .The claims are 25 kilometers northwest of Timmins And travel time is 40 minutes.

## 3.0 REGIONAL GEOLOGY

The area is situated at the west end of the Abitibi Greenstone Belt , which consists of Archean meta sediments and felsic to mafic volcanics intruded by granitic and mafic intrusive .

Pyke (1970) Hart (1983) Barrie (1990) Ayer( 2005)

#### 4.0 LOCAL GEOLOGY

The property is overburden covered but detailed studies by Ore Systems Consulting have concluded that the mafic and felsic volcanics are classified as FIIIa and FIIIb types

Leshner, C.M. et al 1986 CJES vol 23 .Locally the south is occupied by a mafic intrusive hanging wall where at the contact with felsic volcanic massive sulphide of pyrrhotite and chalcopyrite have been observed for length of 300 meters with a few disseminated sulphide zones followed a massive sulphide of mainly pyrite sphalerite at the north contact with the mafic volcanic consisting of the foot wall.

#### 5.0 PREVIOUS WORK

1955 Dominion Gulf	Geophysics soil geochem and geological mapping
1964 Mespi Mines	Geophysics
1965 Cincinnati Porcupine	Diamond drilling campaign
1992 Falconbridge	Geophysics and diamond drilling
1996 Explorers Alliance	Geophysics and diamond drilling

CERTIFICATE

I, Lionel Bonhomme , hereby certify that ;

I am a member of the PDAC of Canada and Porcupine group

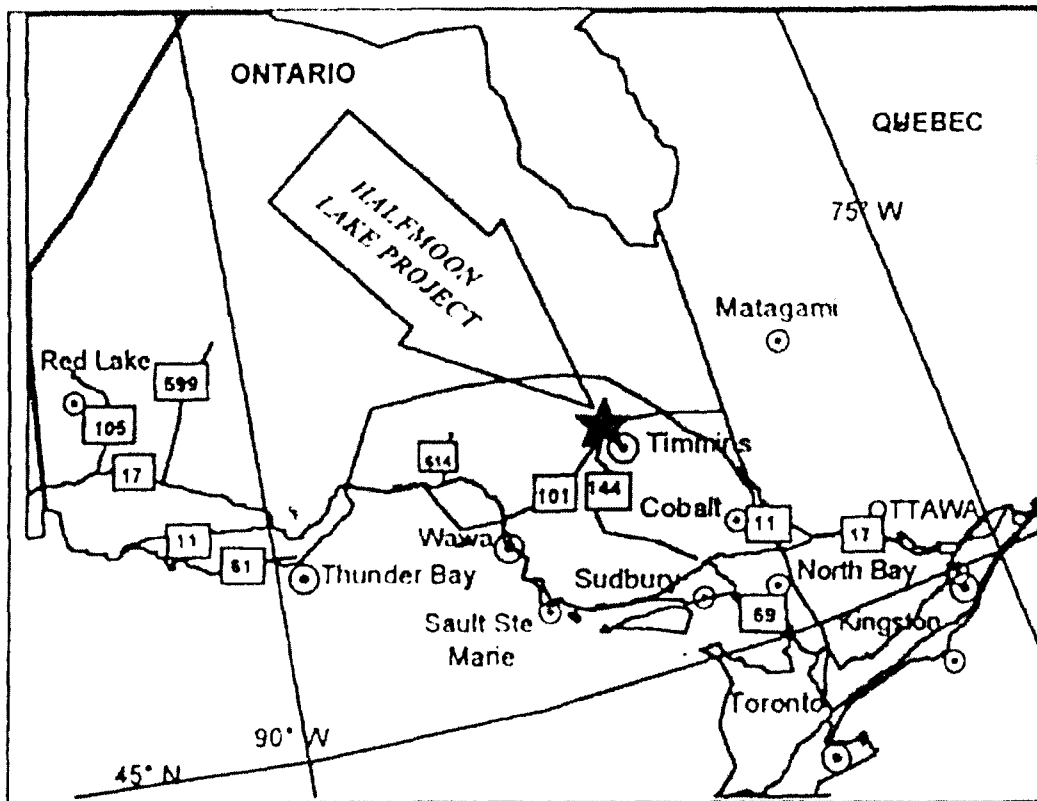
I am the holder of a prospector license for the province of Ontario

I am a member of the Geological Association of Canada

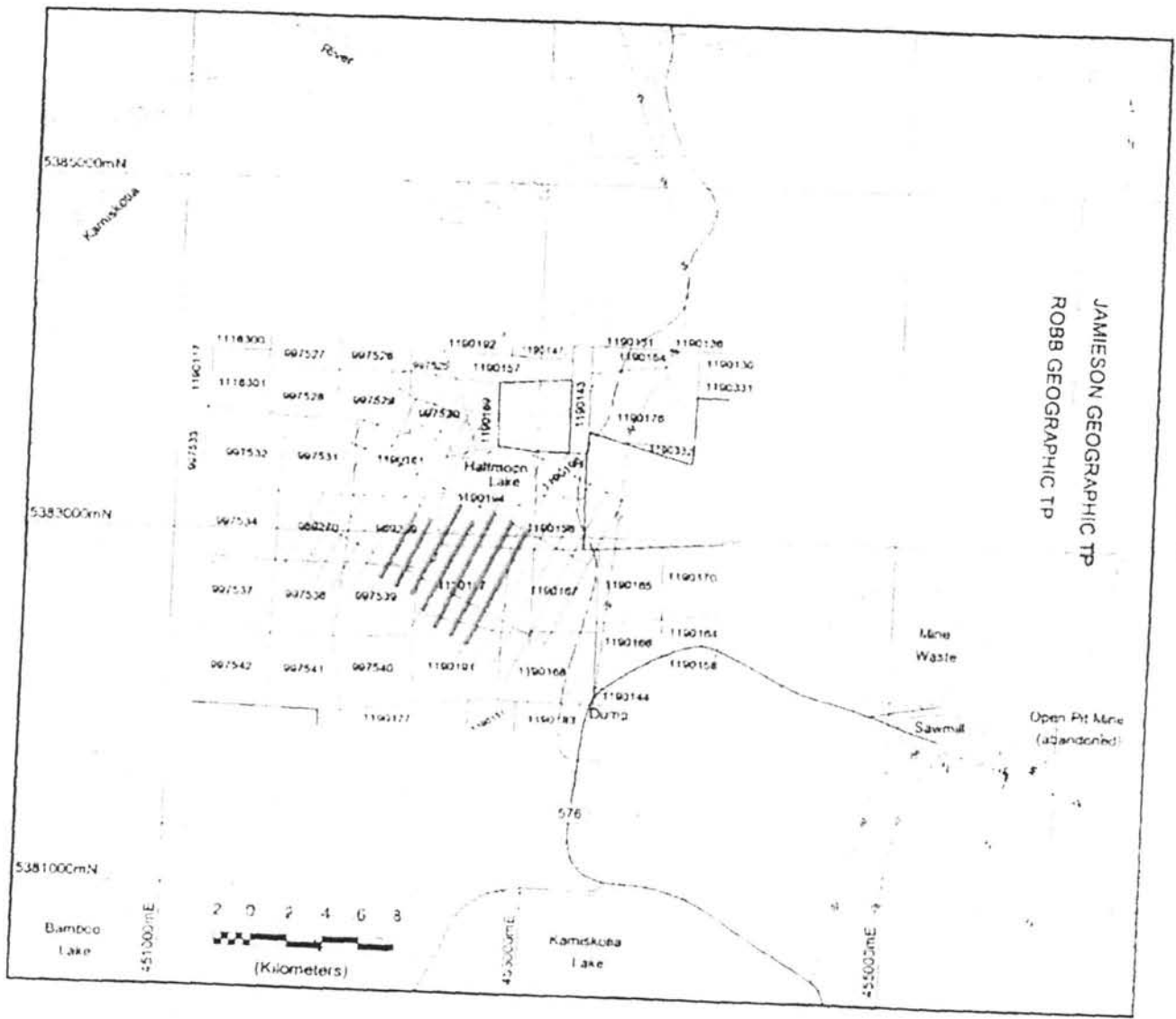
I have been actively involved in exploration since 1964

My spouse is a shareholder of Explorers Alliance Corporation.

1218395 Ontario Inc has provided consulting services to Explorers Alliance Corporation and my spouse is the owner of that corporation.

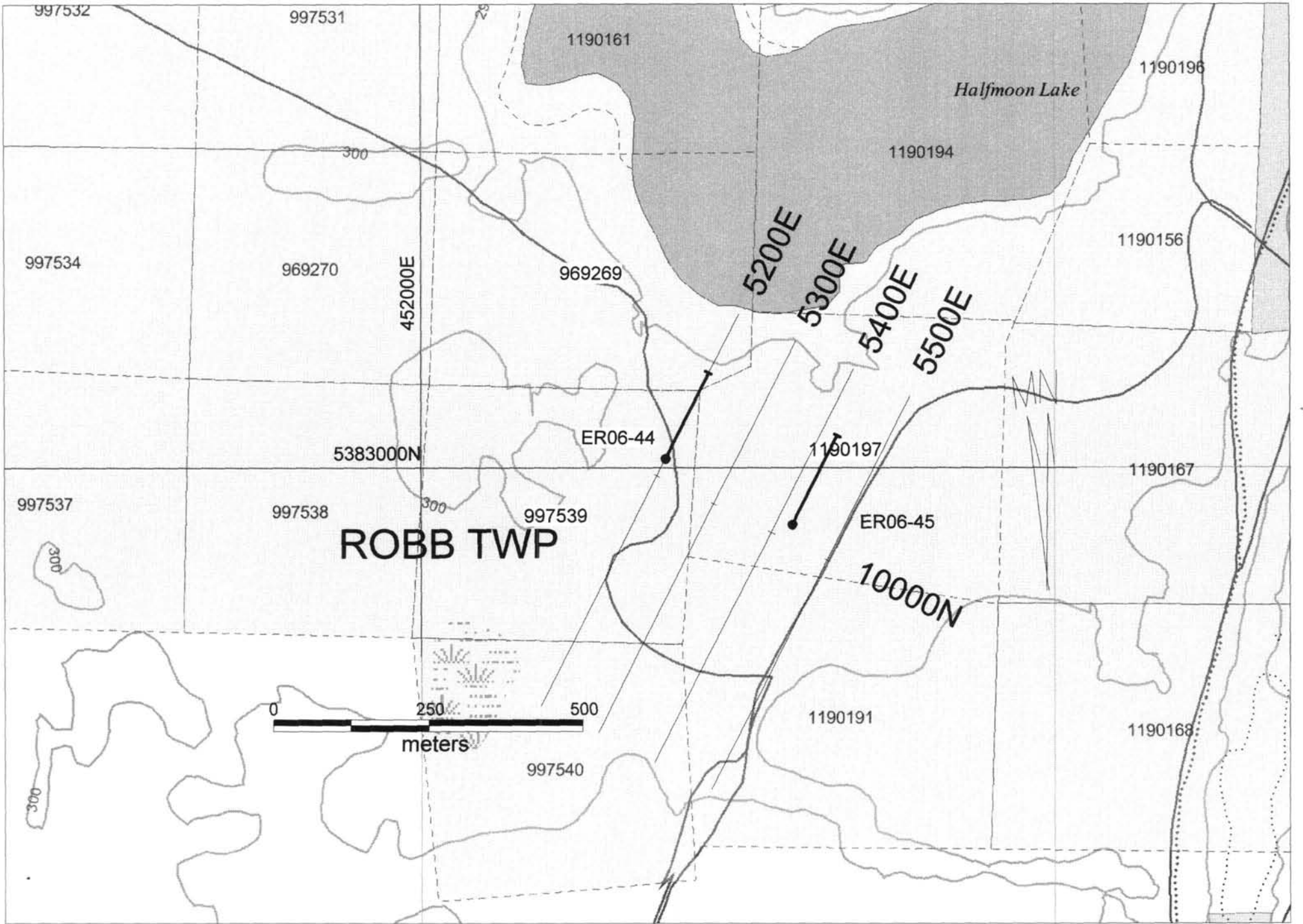


***Figure 1: General Survey Location of the Halfmoon Lake Project.***



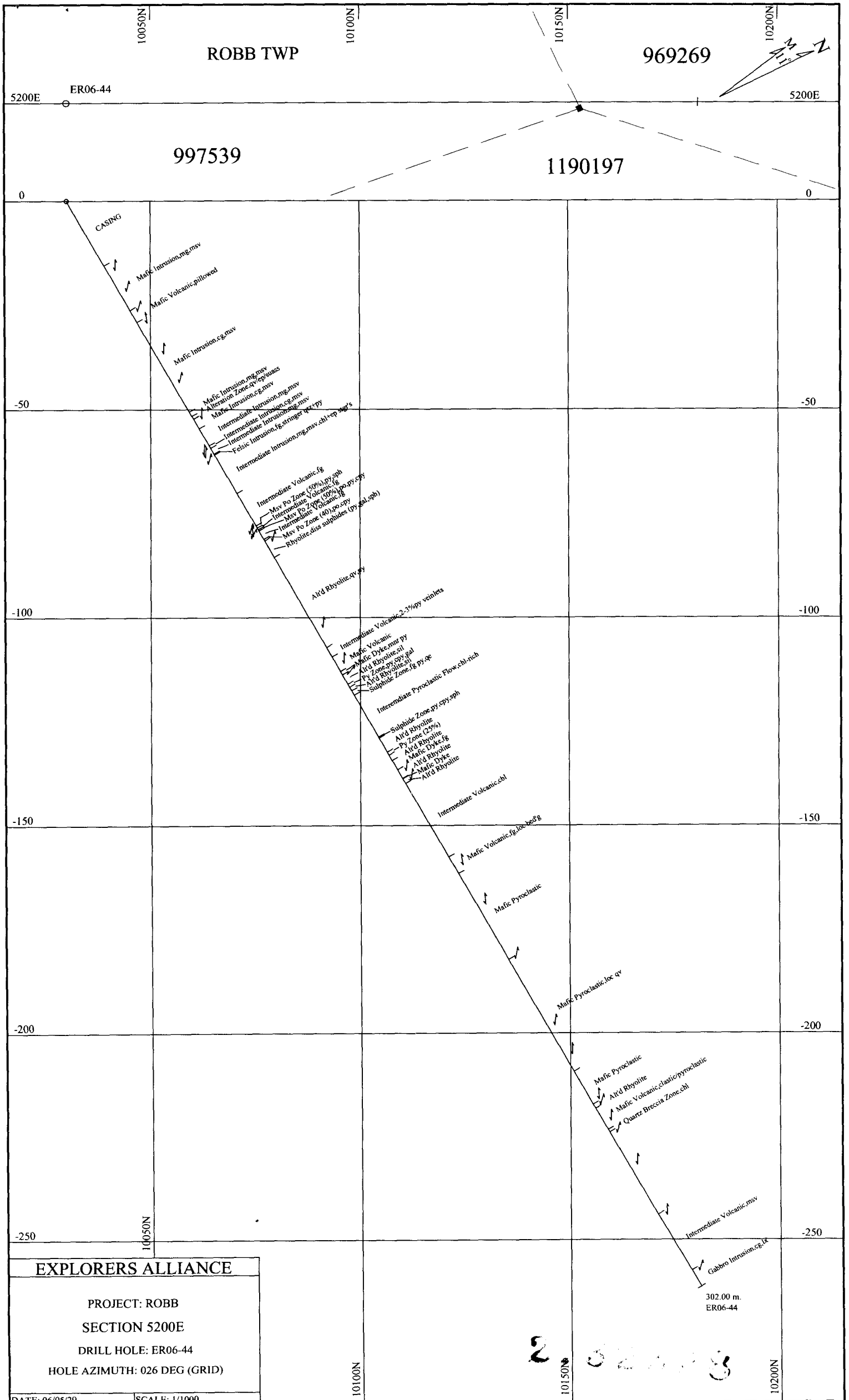
JAMIESON GEOGRAPHIC TP  
ROBB GEOGRAPHIC TP

5 A



DRILL HOLE LOCATION MAP





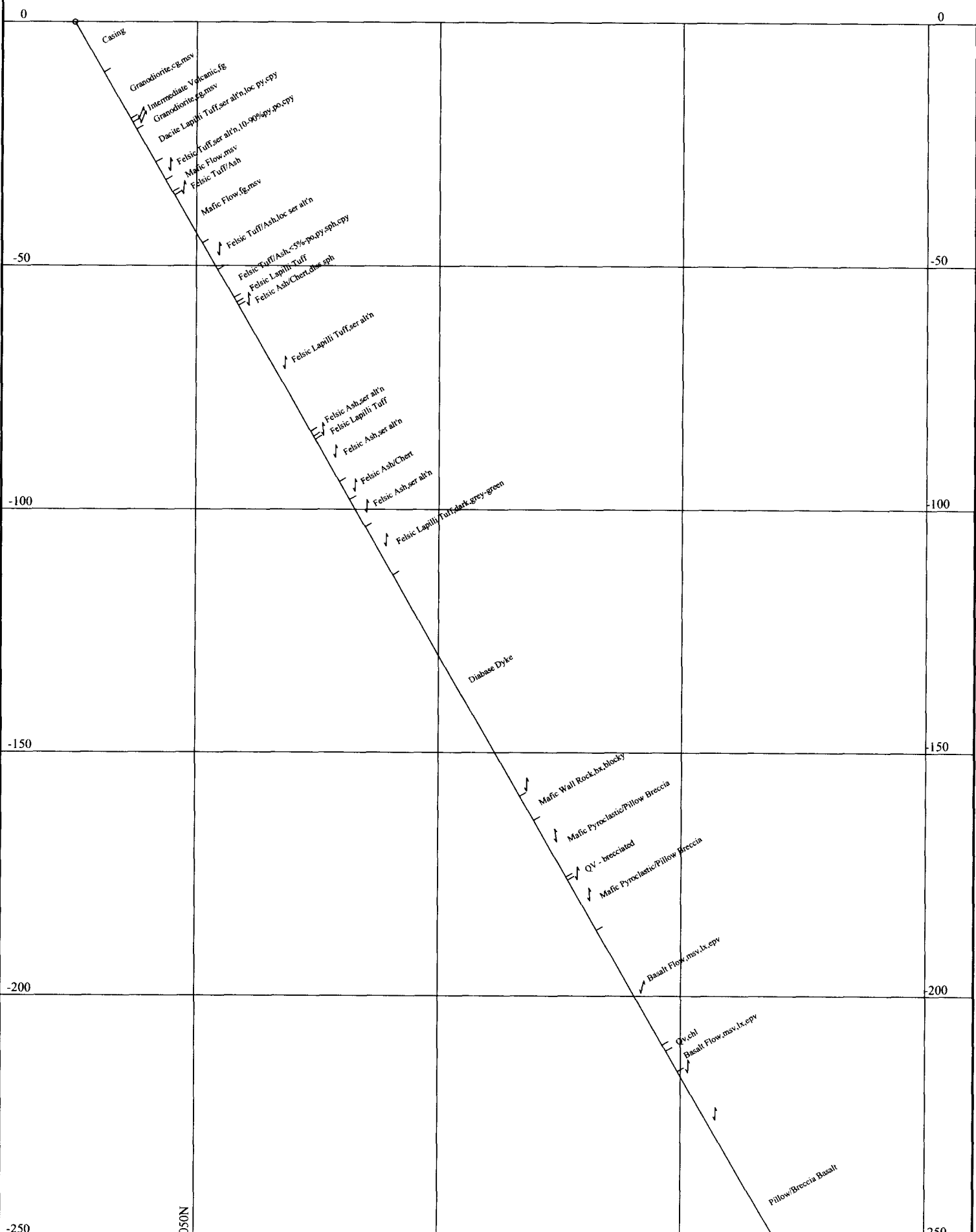
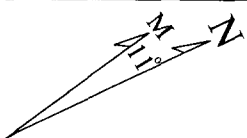
ROBB TWP

1190197

5425E

ER06-45

5425E



EXPLORERS ALLIANCE

PROJECT: ROBB

SECTION 5425E

DRILL HOLE: ER06-45

HOLE AZIMUTH: 026 DEG (GRID)

DATE: 06/05/29

SCALE: 1/1000

10100N

10150N

10200N

**Drill Log for Hole ER06-44**

**Logged by:** E. H. van Hees, P.Geol

**Date:** May 27, 2006.

<b><u>Metres</u></b>	<b><u>Description</u></b>
0 – 18.00	Casing
18.00 – 30.40	Medium-grained massive <b>Mafic Intrusion</b> . Rock is cut by veinlets of epidote, calcite and chlorite approximately every 30 to 50 cm at 30 to 45° TCA. Occasional fleck of pyrite in rock. Lower contact is @ 45° TCA
30.40 – 33.60	<b>Mafic Volcanic</b> unit with small pillows. Chlorite veinlets cut core as above. Lower contact at 20° TCA.
33.60 – 54.62	Medium-grained massive <b>Mafic Intrusion</b> as above with chlorite and calcite stringers at 30 – 45° TCA.
54.62 – 58.41	Coarse-grained massive <b>Mafic Intrusion</b>
58.41 – 59.62	Medium-grained massive <b>Mafic Intrusion</b> with epidote alteration
59.62 – 60.37	<b>Alteration Zone</b> – epidote / saussaritization alteration on either side of 4 cm wide sheeted quartz vein that cuts core @ 30° TCA
60.37 – 63.05	Coarse-grained massive <b>Mafic Intrusion</b> with 1 or 2 chlorite stringers
63.05 – 67.80	Medium-grained massive <b>Intermediate Intrusion</b>
67.80 – 68.50	Coarse-grained massive <b>Intermediate Intrusion</b> with contacts @ 30° TCA
68.50 – 70.11	Medium-grained massive <b>Intermediate Intrusion</b>
70.11 – 70.37	Fine-grained black <b>Felsic Intrusion</b> cuts core @ 45° TCA. Chill margins on both contacts. Cut by stringers of Quartz with pyrite.
70.37 – 81.02	Medium-grained massive <b>Intermediate Intrusion</b> with chlorite and epidote stringers 30 to 50 cm apart.
81.02 – 90.09	Fine-grained <b>Intermediate Volcanic</b>
90.09 – 90.69	<b>Massive Pyrrhotite Zone</b> (50%) cuts core @ 45° TCA (upper contact) and 20° (lower contact). Has pyrite and honey coloured sphalerite

90.69 – 91.15	Fine-grained <b>Intermediate Volcanic</b>
91.15 – 91.50	<b>Massive Pyrrhotite Zone (50%)</b> cuts core @ 45° TCA (upper contact) and 55° (lower contact). Has pyrrhotite, chalcopyrite and pyrite.
91.50 – 93.83	Fine-grained <b>Intermediate Volcanic</b>
93.83 – 94.23	<b>Massive Pyrrhotite Zone (40%)</b> and chalcopyrite with contacts @ 45° TCA
94.23 – 98.83	<b>Rhyolite</b> with disseminated sulphides 94.23 – 95.83 Pyrite + Galena 95.83 – 98.83 Red-brown Sphalerite
98.83 – 123.85	<b>Altered Rhyolite</b> with lots of quartz veining and some pyrite. Bedding at 118 m is at 35° TCA
123.85 – 126.52	<b>Intermediate Volcanic</b> with 2 to 3% pyrite in veinlets
126.52 – 130.50	<b>Mafic Volcanic</b> that is either clastic or pyroclastic in origin. Unit has bedding at 0 – 30° TCA.
130.50 – 131.43	<b>Mafic Dyke</b> – cuts core @ 60-80° TCA and contains some pyrite
131.43 – 134.00	<b>Altered Rhyolite</b> – very altered and silicified
134.00 – 134.85	<b>Pyrite Zone</b> – contains pyrite, chalcopyrite and Galena
134.85 – 135.90	<b>Altered Rhyolite</b> – very altered and silicified
135.90 – 137.10	<b>Sulphide Zone</b> – contains very fine-grained pyrite and some quartz eyes
137.10 – 148.70	<b>Intermediate Pyroclastic Flow</b> with lots of chlorite
148.70 – 149.00	<b>Sulphide Zone</b> – contains pyrite, chalcopyrite and honey coloured sphalerite
149.00 – 152.80	<b>Altered Rhyolite</b>
152.80 – 153.65	<b>Pyrite Zone (25% pyrite)</b> in rhyolite
153.65 – 155.21	<b>Altered Rhyolite</b>

155.21 – 157.72	fine-grained <b>Mafic Dyke</b> with contacts @ 35° TCA
157.72 – 160.10	<b>Altered Rhyolite</b>
160.10 – 160.20	<b>Mafic Dyke</b> with contacts @ 35° TCA
160.20 – 161.50	<b>Altered Rhyolite</b>
161.50 – 182.00	<b>Intermediate Volcanic</b> that appears pyroclastic in places and has chlorite alteration throughout
182.00 – 186.65	fine-grained dark green <b>Mafic Volcanic</b> with some bedding @ 20° TCA
186.65 – 250.70	medium green coloured <b>Mafic Pyroclastic</b> unit with bedding at 25° TCA. Some sections are darker green where rock appears to have been chloritized.
	210.50 m – 3 cm sheeted quartz vein cuts core at 40° TCA and bedding in rocks at ~60° (bedding in rock at 30° TCA)
	218 m – 2 cm massive quartz vein cuts core at 10° TCA
	228.50 m – 10 cm sheeted quartz vein with stylolites cuts core at 35° TCA
	236.50 m – 4 cm massive to sheeted quartz vein cuts core @ 30° TCA
	241.10 – 241.55 – 1 cm thick massive quartz vein with some pyrite cuts core at 5° TCA
250.70 – 251.83	<b>Altered Rhyolite</b> cuts across bedding of previous mafic unit (upper contact @ 45° TCA with bedding @ 30° so that angle between contact and bedding is ~80°)
251.83 – 257.80	<b>Clastic or Pyroclastic Mafic Volcanic</b> Unit with bedding at 30° TCA
257.80 – 258.49	<b>Quartz Breccia Zone</b> with lots of coarse chlorite in quartz. Contact at ~45° TCA
258.49 – 281.44	<b>Gabbro Intrusion</b> that becomes coarser-grained down the hole. Leucoxene in rock suggests that it is a high Fe-Ti tholeiite.
	261.70 – 262.70 – Epidote Alteration Zone
	267.40 – 4 cm massive quartz vein cuts core at 30° TCA
	272 – 273 m – seven massive quartz-chlorite veins cut core @ 60° TCA

281.44 – 297.40 **Intermediate Massive Volcanic** Flow with upper contact @ 30°  
and lower contact @ 45° TCA.

297.40 – 302.00 **Gabbro Intrusion** that is coarse-grained and contains leucoxene  
suggesting it is a high Fe-Ti tholeiite.

**302.0 EOH**

**Drill Log for Hole ER06-45**

**Logged by:** E. H. van Hees, P.Geo  
**Date:** May 28, 2006.

<b><u>Metres</u></b>	<b><u>Description</u></b>
0 – 12.00	Casing
12.00 – 23.00	<b>Granodiorite</b> coarse-grained massive intrusion. Lots of plagioclase has been altered to sericite in places (e.g. 21 to 22 m).
23.00 – 23.89	<b>Intermediate Volcanic</b> (Dacite ?) – fine-grained and medium grey-green in colour. Upper contact at 50° TCA
23.89 – 25.50	<b>Granodiorite</b> coarse-grained massive intrusion with upper contact at 50° TCA
25.50 – 33.20	<b>Dacite Lapilli Tuff</b> that becomes finer-grained down the hole. Lots of sericite alteration.  25.80 Cpy with Py 26.45 Cpy
33.20 – 37.40	<b>Felsic Tuff</b> with sericite alteration throughout.  34.00 – 37.30 Sulphide content is generally >10% with up to 90% in some places (34.30 – 34.40 m). Sulphides consist of pyrite in some locations and pyrrhotite and chalcopyrite in other parts of the core. Honey coloured sphalerite could be present at 34.00 to 34.20 m. Bedding is at 30° TCA in this section.
37.40 – 40.25	Massive <b>Mafic Flow</b>
40.25 – 41.00	<b>Felsic Tuff / Ash</b> with bedding at 35° TCA
41.00 – 52.35	fine-grained Massive <b>Mafic Flow</b>
52.35 – 65.35	<b>Felsic Tuff / Ash</b> with bedding generally at 30° TCA but as low as 5° TCA in places. Bedding defined by lots of sericite in places is at 30° TCA @ 65 m  58.70 – 59.40 Po, Py, + Sph (Sph associated with quartz veinlets) 61.00 – 62.00 Po < 1% 62.00 – 63.00 Po, Py, Sph + Galena (total ~5%) 63.00 – 64.00 Po, Py + Cpy ~1% 64,00 – 65.00 Po <1 %

<u>Metres</u>	<u>Description</u>
65.35 – 66.45	<b>Felsic Lapilli Tuff</b> with 3 x 7 mm clasts that can be up to 1 x 4 cm
66.45 – 67.20	<b>Felsic Ash / Chert</b> contains <1% red-brown sphalerite disseminated throughout section and has bedding at 25° TCA
67.20 – 97.00	<b>Felsic Lapilli Tuff</b> with clasts typically 5 x 10 mm and lots of sericite alteration. Bedding throughout section at 30° TCA.
97.00 – 98.19	<b>Felsic Ash</b> with lots of sericite alteration throughout section and has bedding at 25° TCA.
98.19 – 98.89	<b>Felsic Lapilli Tuff</b> (grey-beige in colour)
98.89 – 108.86	<b>Felsic Ash</b> (beige colour) with lots of sericite alteration in places and bedding at 30° TCA.
108.86 – 113.12	<b>Felsic Ash / Chert</b> (grey-beige colour) contains much less sericite than before such that it could be either a chert or a mix of chert with felsic ash. Bedding is at 30° TCA.
113.12 – 119.70	<b>Felsic Ash</b> – grey-beige in colour because it has lots of sericite alteration. Bedding at 30° TCA
119.70 – 131.10	<b>Lapilli Tuff</b> with clast up to 1 x 4 cm and bedding at 30° TCA. This unit is darker than the others and has a grey-green colour because of the chlorite content of the rocks.
131.10 – 183.50	<b>Diabase Dyke</b> – fine-grained near contact going to coarser-grained in middle of dyke. The country rock at both contacts is badly broken up making a determination of contact orientation difficult (it appears to be 30° TCA)
183.50 – 189.20	<b>Mafic Wallrock</b> is brecciated with some indication that bedding is present and at 45° TCA. Rock is badly broken up throughout section with 1.3 m washed away from 186.70 – 188.00 metres.
189.20 – 202.60	<b>Mafic Pyroclastic or Pillow Breccia Basalt.</b> Fragments/lapilli are typically 5 x 15 mm but range up to 2 x 3 cm. There is lots of chlorite alteration in this badly broken up section of core. Bedding appears to be at 20° TCA. Core is badly broken up from 198.50 – 202.60 m.
202.60 – 203.30	<b>Brecciated Quartz Vein</b> that cuts core at 30° TCA.



<u>Metres</u>	<u>Description</u>
203.30 – 215.23	<p><b>Mafic Pyroclastic or Pillow Breccia Basalt</b> that has bedding between 20 and 30° TCA. Clasts are often 1 x 3 cm with some up to 10 cm along core.</p> <p>207.60 m - 3 cm Quartz vein with pyrite.</p>
215.23 – 248.76	<p>Massive <b>Basalt Flow</b> that contains lots of leucoxene suggesting that this is a high FeTi basalt.</p> <p>Epidote veins that are 1 to 3 cm thick cut the core every 1 to 1.5 m throughout section and at 45° TCA.</p> <p>242.55 m Quartz-Chlorite Vein cuts core @ 45 and 60° TCA.  243.80 m Quartz-Calcite ? Vein cuts core @ 45° TCA. Unusually bright pink coloured and soft mineral in vein is interpreted to be Calcite but should be checked out further.</p> <p>Lower contact on unit is @ 30° TCA</p>
248.76 – 314.00	<p><b>Pillow or Pillow-Breccia Basalt</b> with bedding at 30° TCA throughout section</p> <p>253.35 – 254.00 m - 0.65 m of core lost  259.35 – 260.00 m - 0.65 m of core lost  274.20 – 275.00 m - Hyaloclastite  276.50 – 276.60 m – Epidote Alteration  300.85 – 301.20 m – Quartz-Chlorite Vein cuts core at 45° TCA</p>
314.00	<b>EOH</b>