

DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon Lake
Date: May 19-21, 1999
Logged by: Robert Calhoun
Drilling Co: Colbert Drilling

DDH: PAL-HM98-21-Ext

Claim Number: 1190197

COLLAR LOCATION: L10200N/5400E

SURVEYS: None

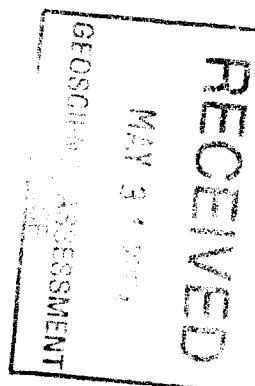
TIMMINS COORDINATES

GRID COORDINATES

Setup: Depth Azimuth Dip

Northing: 10200N
Easting: 5400E
Elevation:
TD: 210.0meters

DRILLING DATES
Started: May 19, 1999
Finished: May 21, 1999



2.2774



DIAMOND DRILL SUMMARY LOG

Project: Halfmoon Lake
 Date: May 19, 1999
 Logged By: R. Calhoun

DDH: PAL-HM98-21-Ext

GEOLOGIC SUMMARY

FROM		TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)			From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
153.0	165.4		Felsic Volcanic-Tuff								
165.4	169.8		Rhyolite								
169.8	172.9		Mafic Volcanic								
172.9	185.7		Felsic Volcanic-Rhyolite-Tuff								
185.7	192.5		Mafic Intrusive to volcanic								
192.5	210.0		Mafic Volcanic(?)								
210.0			End of Hole								

COMMENTS

Diamond Drill Log

Property: Halfmoon

Hole Number: PAL-HM98-21-ext

Claim Number: 1190197

Location: L10200N/5400E

Final Depth: 210 meters

Logged By: Robert Calhoun

Azimuth: 206°

Dates Drilled: May 19-21, 1999

Drilled By: Colbert Drilling

Dip: -45°

Dates Logged: May 20-21, 1999

Signature: _____

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
153.0	165.4	Felsic Volcanic-Tuff -fine to medium grained, medium grey to medium grey green down section due to increase in chlorite content to local patches. Sericite also is on laminations at 54° to core axis. Possibly fragmental in upper 6-8 meters. Unit is siliceous in last meter with 40cm mafic unit at 164.6-165.0m, fine grained medium green.									
165.4	169.8	Rhyolite -fine grained, light to medium grey siliceous "layered" with highly sericitic sections 5-10cm in length. Minor grey to dark grey quartz veins. Contact with following unit is 57° to core axis.									
169.8	172.9	Mafic Volcanic -fine grained, medium green, soft chloritic volcanic. Numerous calcite veinlets locally associated with epidote. Minor quartz veinlets.									
172.9	185.7	Felsic Volcanic-Rhyolite-Tuff -fine grained, medium grey siliceous layers with sericite layers increasing in abundance down hole. Locally the sericite layers totally replace the felsic to be nearly pure sericite i.e. 180.4 to 182.5m. Rock in this section is yellow green. The lower part of unit appears more tuffaceous in nature with a granular appearance. Chlorite is more									

Diamond Drill Log

Hole # PAL-HM98-21-ext

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
185.7	192.5	prevalent in last 2 meters. Contact with following unit is at 56° to core axis. Mafic Intrusive to Volcanic -fine to medium grained, dark green to medium green to green grey. Unit has abundant white flecks. Calcite fracture filling increases down section at various angles dominated by 60° angle, calcite occurs weakly in the matrix. Veinlets are <5mm wide occasionally discontinuous. Sulfides are nil to trace may be few grains of sphalerite <1mm in size.									
192.5	210.0	Mafic Volcanic ? -(this unit may be finer grained equivalent of above) -fine grained to medium grained, medium to dark green with patches of light to medium green, possibly weakly sericitic. Unit is weakly siliceous may be an intermediate volcanic. Unit is chloritic and becomes spotted 204.0-210.0m with dark green chlorite spots to 5mm in size. Amygdules of feldspar occur randomly below 198.0 meters over sections up to 1m, 2-3mm maximum in size. 194.2-194.6-mineralized section with 20cm white quartz vein. Section has 1% sphalerite, 1% chalcopyrite, <1% galena with 10-15% pyrite.	1853	194.2	194.6	0.4	1050	2310	1430	2.8	12
	210.0	End Of Hole									

Az. 206°

1190197

298

HM98-19

L 5400 E, 10150mN
Az. 206°, Dip -40°

HM98-21

L 5400 E, 10200mN
Az. 206°, Dip -45°

298

Overburden

200

200

100

100

0

0

-100

10000N

10100N

10200N

10300N

10000N

10100N

10200N

10300N

PROSPECTORS ALLIANCE CORPORATION

Exploration

Timmins, ONTARIO

HALFMOON LAKE PROJECT

ROBB TOWNSHIP

SECTION 5400 E

DDH HM98-19 & 21

Assays : Zinc %
Assays : Cu, Zn ppm

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: d • l	DATE: 28/12/99	MAP No:	FILE: H192136
SUPERVISED: R Colhoun	DATE: 30/11/98	SCALE 1:2 000 (metres)	
REVISED: R Colhoun	DATE: 27/12/99	0 10 20 30 40	

Diamond Drill Log

Property: Halfmoon

Hole Number: PAL-HM99-34

Claim Number: 1190197

Location: L5350E/9985N

Final Depth: 318.0 meters

Logged By: Robert Calhoun

Azimuth: Grid North

Dates Drilled: May 29-June 6, 1999

Drilled By: Colbert Drilling

Dip: -53°

Dates Logged: May 30-June 7, 1999

Signature: 

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	12.9	Overburden									
12.9	45.0	<p>Mafic Intrusive -medium grained, locally fine grained, with "diabasic" texture over 1-2 meters. The unit has a dark green matrix but appears more apple green due to epidote as weak pervasive, small veins, saussauritized feldspars and local strongly pervasive. There are feldspars as laths, accumulations, and porphyritic phenocrysts. Leucoxene is abundant as small grains <1mm in diameter. Internal contacts are at 39° to core axis to locally 28° to core axis contorted. Epidote veining can occur in an undulating fashion. Very minor pyrite as fine grains.</p> <p>30.7-31.2 -diabase-lamprophyre dyke-fine grained dark with chilled margins <4mm in width. Contacts 46° to core axis.</p> <p>35.0-43.2-coarser grained, abundant laths of feldspar to "diabasic" type texture and whitish feldspars to 3-4mm. The remaining feldspars are weakly saussauritized to pale green with epidote.</p> <p>43.2-45.0-unit becomes finer grained and colour becomes grey.</p>									
45.0	52.3	<p>Mafic Intrusive -fine grained, to locally medium grained, medium grey green to green probably a fine grained equivalent of the</p>									

Diamond Drill Log

Hole # PAL-HM99-34

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		above unit. This unit is siliceous to silicified, hard not easily scratched.									
52.3	66.0	Felsic Volcanic -medium to coarse with grey green to mainly greenish colour. This unit is probably a welded tuff with large lapilli to patchy chlorite. The unit is a "dirty" tuff with abundant fine ash intermixed with the coarser lapilli. The unit fines down section and may be cherty in nature towards lower contact. There are minor fine ash veins or layers. Coarser dirty sections are softer than the lower fine sections.									
66.0	79.7	Mafic Volcanic? -fine grained, medium to dark green with a greyish overcast. Locally the unit is amygduloidal to vesicular. There are numerous calcite epidote ± quartz veins upper to 5mm but generally <3mm. Small white quartz veins to 10cm are infrequent. The unit is weakly siliceous. Down section below 72m the veining becomes larger with veins to 10cm frequent with apple green epidote to whitish calcite. The unit may exhibit flow banding. The unit is silicified not easily scratched. Small quartz vein at 70.1m has chalcopryrite. 72.0-73.0-small grains to vein hosted sphalerite light brown to red brown. Pyrite is 1-2% locally chalcopryrite also at 78.8m in small calcite vein.									
79.7	93.1	Felsic Pyroclastic -fine to medium grained, grey to green grey where sericite increases. The unit may be weakly vesicular and has quartz filled vesicles-medium grey. Unit is foliated at 39° to core axis. Sericite occurs mainly on the foliations. 80.6-80.95-fine rhyolite layer, dark grey siliceous, hard to cherty. May in fact be chert layer. 89.0-93.1-white quartz veining is 5% of sections. Lower contact-38° to core axis.									
93.1	104.8	Mafic Intrusive									

Diamond Drill Log

Hole # PAL-HM99-34

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		-fine to medium grained, medium green to grey green. Unit has frequent healed fractures filled with quartz/calcite-epidote at various angles dominated at 45-50° to core axis. The unit is amygduloidal with amygdules to 4mm and porphyritic with phenocrysts to 3mm locally glomeroporphyritic with feldspar clusters up to 5mm. Weakly siliceous. Minor white quartz veins to 10cm. The section is broken to crushed. Finer grained at upper and lower contacts 1m. Lower contact 37° to core axis.									
104.8	112.5	Felsic Volcanic -fine grained, medium to dark green chloritic to grey green. This unit is highly chloritic and has fragments to 1-3cm in size with ghost edges which can contain up to 1% chalcopyrite as grains and small clusters. These fragments are generally dark to black. The unit is soft due to chlorite. Lower contact contorted-45° to core axis.									
112.5	119.4	Mafic Intrusive -as above (93.1-104.8) with amygdules larger to 5mm as at 116.5-117.2m. Weak pyrite at lower contact. Contact contorted at 35° to core axis.									
119.4	152.2	Felsic Volcanic -fine grained to medium grained, medium grey to mainly green grey with sericite. Sericite gives an overcast of yellow green, is of variable percentage and marks the foliation. The unit has variable textures as noted below 119.4-121.7-upper contact area highly crushed, broken to 120.1 with quartz veining and pyrite as fine dark brownish colour and normal pyrite colouration. Section appears layered with sericite defining the layers. Pyrite below 120.1 is fine laminae to cubes in clusters 1-2%. Sphalerite as fine grains to laminae of light brown to red brown colour. 121.7-132.0-unit is tuffaceous in nature well foliated with sericite on foliations and as local clots.	1854 1855	119.4 120.4	120.4 121.7	1.0 1.3	148 113	8960 1280	1740 394	7.5 1.7	9 5

Diamond Drill Log

Hole # PAL-HM99-34

						Assays					
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		<p>The unit has a spotted appearance possibly vesicular with dark grey spots. Internal contact at 130.2 at 36° to core axis.</p> <p>132.0-152.2-unit is more tuffaceous becomes increasingly layered down section with lapilli tuff sections-lapilli to 0.5cm and abundant. Sericite can also appear "layered". Although the sericite occurs throughout the unit some layers are sericitized not just sericitic as at 140.1-140.9m. Foliation, layering is at 35° to core axis but can also be contorted and shallower. Rhyolite layers occur below 146.5m as up to 30cm very fine grained, light to medium grey layers.</p> <p>151.6-152.2-Mafic Intrusive-fine grained, medium to dark green. Contact 40° to core axis.</p>									
152.2	168.2	<p>Felsic Fragmental -fine grained, medium grey to grey green sericitic matrix with fragments to 0.5cm, sub-angular to sub-rounded. The fragments are abundant making up to 70% of some sections. The fragments are dominantly medium grey hard, rhyolitic. Fragmental sections are separated by fine grained medium to dark grey weakly sericitic rhyolite layers. The fragments in the upper part of the unit are chaotic or slightly elongated on foliations. In the lower part of the unit below 162.0m. The unit is dark grained in this section, possible increase in chlorite content.</p> <p>167.9-168.2-fine grained, medium to dark green section with white to grey quartz vein at start of unit. Contacts are contorted-upper at 60° and lower 15-20°.</p>									
168.2	174.2	<p>Felsic Fragmental -this unit is similar to above but the fragments in the upper section to 171m are to 1cm in size. The fragments decrease down section and are elongated along foliations. At end of section there is a 10cm quartz veins and a small <2cm vein. The unit from 173.9-174.2 is highly sericitic, yellow green in colour.</p>									
174.2	183.2	<p>Felsic Tuff-Pyroclastics -fine grained, dark grey layers alternating with lighter</p>									

Diamond Drill Log

Hole # PAL-HM99-34

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		grey green, sericitic layers. Colour becomes light grey from 180.0-183.2. Unit is a layered tuff to tuff fragmental with highly siliceous bands of rhyolite to 180.0m. The fractures within the darker section have minor sphalerite. The rhyolitic bands may be large fragments to 5cm.									
		180.0-183.2-fine lithic fragmental with light grey and dark green chloritic fragments. These fragments are stretched on foliations at 40° to core axis. The unit has 10-15% pyrite as disseminations and discontinuous laminae from 182.5-183.2.	1856	182.5	183.2	0.7	49	119	9	0.1	nil
183.2	189.3	Mafic Fragmental (?) -fine grained, medium green to locally apple green, epidotitic. The unit is chloritic in patches. The fragments are quite large to 4-8cm with some having minor quartz eyes. Epidote appears to be preferential to the fragments. Pyrite is disseminated through the unit 1-2%. Calcite occurs as fracture fillings.									
		183.2-184.0-pyrite as coarse disseminations and clusters.	1857	183.2	184.0	0.8	110	217	2	0.1	17
189.3	223.7	Mafic Volcanic/Fragmental -fine grained, medium to dark green to medium green, highly chloritic in variable patches to layers 10cm wide. The distribution of the chlorite gives the overall appearance of a coarse fragmental but may only be variable alteration. Some sections as at 197.8-202.2, 208.0-210.8 are more obviously fragmental or breccia with epidote preferential to the fragments. The fragments locally have quartz eyes. In some of the chlorite zones there are feldspar phenocrysts and filled vesicles. Pyrite is random in the unit as disseminations and coarse clusters as at 197.5. Lower contact 41° to core axis.									
223.7	240.7	Mafic Intrusive -fine grained near upper and lower contacts to medium grained, green to apple green with epidote. Unit has the typical white flecks, is generally massive with minor quartz veining and local broken to crushed sections.									

Diamond Drill Log

Hole # PAL-HM99-34

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		Lower contact at 10°, contorted, to core axis.									
240.7	250.3	Mafic Volcanic (Fragmental) -similar to above unit (189.3-223.7). Fragmental appearance stronger towards end of section.									
250.3	271.1	Mafic Volcanic -fine grained, medium to dark green foliated to layered with lighter carbonate rich bands alternating with dark chlorite bands. The unit has amygdules to vesicles of carbonate stretched along foliation generally at 40° to core axis. Chlorite patches are minor. 254.0-256.1-porphyrific section with pale green feldspars, saussauritized, and large patches of feldspar, greenish to 3cm. 256.1-271.1-medium green, fine grained, calcite in matrix and as small amygdules. Unit is locally foliated to laminated. Minor white quartz. Chlorite patches occur randomly. Lower contact broken, crushed.									
271.1	297.3	Felsic Volcanic-Tuff -fine to medium grained, light grey to dark green blackish. The unit has highly variable colour. The unit is foliated to locally well laminated. Lamination can be contorted or rhythmic in nature. 271.1-275.2-light to dark grey with sections of dark chlorite, weakly siliceous. Sulfide content is variable but can be up to 20-25% over 0.5m. The sulfides, which are pyrite with very minor chalcopyrite, are generally 10-15%. The pyrite occurs as fine grained semi-massive bands, fine disseminations (dusting) and as veinlets of cubic grains. 275.2-278.0-fine grained, medium green, appears to be mafic volcanic, weakly laminated with chlorite patches and possible small fragments. Pyrite as semi-massive veinlets of fine grains. Pyrite 5% generally with 0,5m sections of 10-15% 278.0-279.4-felsic tuff-minor sulfides. 279.4-281.7-well laminated with layers pale green soft, dark brownish to dark green. The section is	1858 1859	271.1 272.1	272.1 273.1	1.0 1.0	148 66	782 654	8 14	0.9 1.6	21 22
			1860	275.6	277.1	2.2	174	88	1	0.2	5

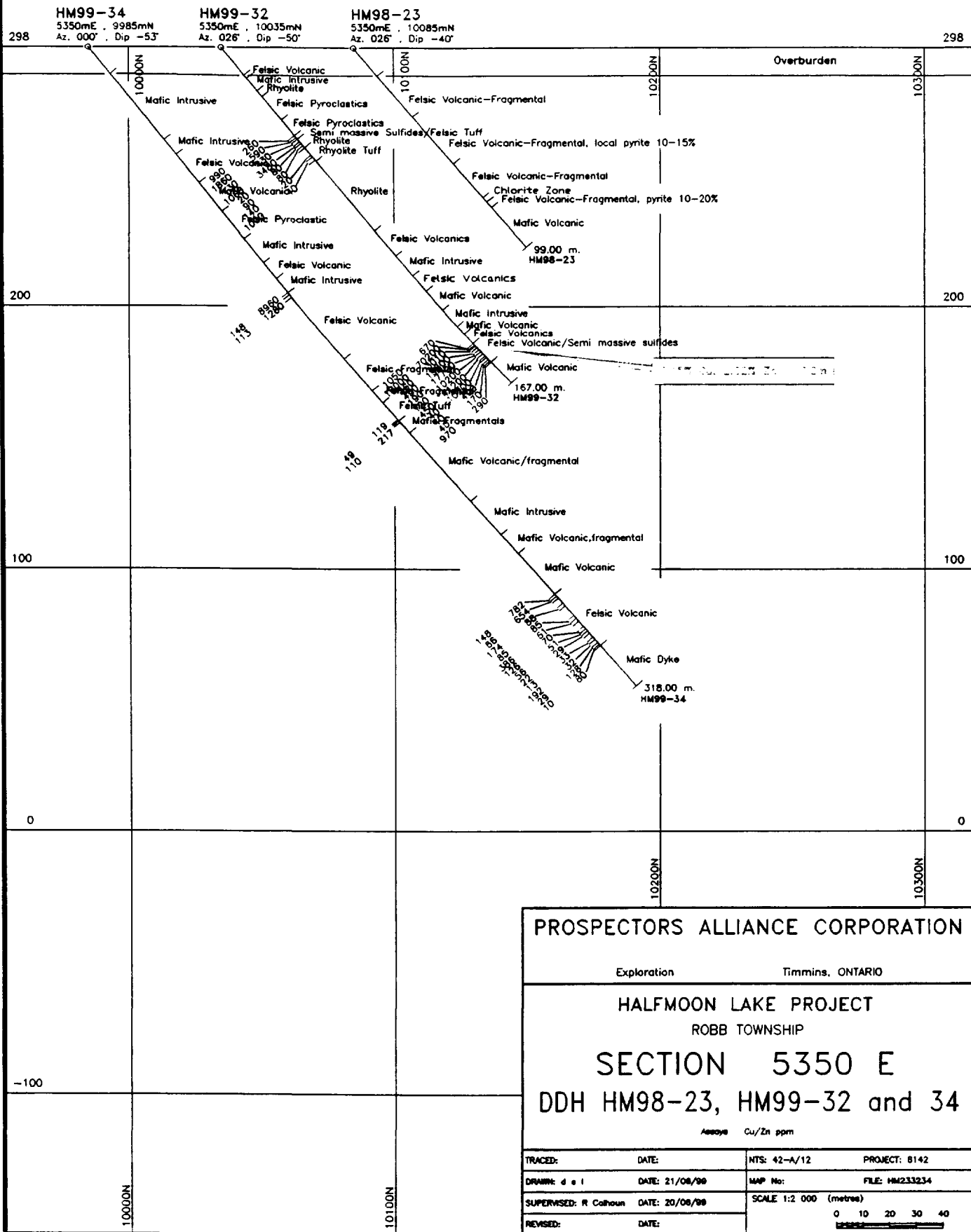
Diamond Drill Log

Hole # PAL-HM99-34

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		characterized by the occurrence of chlorite spots. These spots are abundant forming 40% of the unit locally over 2-5cm. The spots are <1mm, rarely greater than 2mm. The brownish tinge is probably carbonate, reacts with carbonate stain to bluish colour.									
		281.7-286.1-felsic, weakly laminated, possibly fragments. Pyrite 5% overall with 15-20% over 1m as semi-massive veinlets and disseminations. Chloritic shards and chlorite in laminae. Unit is generally soft, light green layers nearly as talc.	1861	281.9	283.3	1.4	85	85	17	0.2	5
			1862	283.8	284.8	1.0	386	61	5	0.8	58
		286.1-288.8-dark green to green grey, laminated at 39° to core axis. Unit is an altered felsic tuff with chlorite rich layers, weakly carbonated layers. Pyrite is locally 10% over 5-10cm. Unit is again generally soft in nature. Quartz veins as poorly developed ladder veins at 286.9-287.2m.	1863	287.6	288.8	1.2	126	70	14	0.3	nil
		288.8-295.7-foliated to laminated felsic tuff with layering contorted in upper section to 291m 40° to core axis in lower portion 0.4 to 0.6cm layering. The upper part of unit in contorted layering is highly broken to crushed. Pyrite content in this section is higher more regularly to 10-15% as semi-massive veinlets to laminae of fine pyrite and coarser cubic disseminations.	1864	288.8	289.8	1.0	56	51	10	1.0	24
			1865	289.8	291.0	1.2	22	29	3	0.8	26
			1866	293.0	294.2	1.2	13	33	3	0.2	9
		295.7-297.3-medium reddish brown ground mass with carbonate nodules to amygdules. The unit probably hosts an iron carbonate, ankerite probably reacts to blue stain. Unit is laminated and has pyrite 5-10%. The pyrite appears to be preferentially in a carbonate-calcite/dolomite veining or alteration patches.	1867	294.2	295.7	1.5	192	32	1	0.2	7
			1868	295.7	296.6	0.9	29	128	18	0.2	14
			1869	296.6	297.3	0.7	10	80	4	0.1	5
297.3	318.0	Mafic Dyke -fine to coarse grained medium to dark blackish grey to grey green, feldspar rich, saussauritized pale green. Unit is highly fractured, contact 45° to core axis. 297.3-300.2-chilled margin, fine grained.									
	318.0	End of Hole Acid Test 132m -49° 222m -49° 300m -49°									

Az. 026°

1190197



PROSPECTORS ALLIANCE CORPORATION

Exploration Timmins, ONTARIO

HALFMOON LAKE PROJECT
ROBB TOWNSHIP

SECTION 5350 E
DDH HM98-23, HM99-32 and 34

Assays Cu/Zn ppm

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: d e l	DATE: 21/08/98	MAP No:	FILE: HM233234
SUPERVISED: R Colthoun	DATE: 20/08/98	SCALE 1:2 000 (metres)	
REVISED:	DATE:	0 10 20 30 40	

DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon Lake
Date: June 7-15, 1999
Logged by: Robert Calhoun
Drilling Co: Colbert Drilling

DDH: PAL-HM99-35

Claim Number: 969269

COLLAR LOCATION: L5150E/10000N

SURVEYS: Acid Test

TIMMINS COORDINATES

GRID COORDINATES

	<u>Depth</u>	<u>Azimuth</u>	<u>Dip</u>	Northing:	10000N
Setup:	<u>0.0m</u>	<u>Grid North</u>	<u>-53°</u>	Easting	5150E
	<u>100.0m</u>		<u>-52°</u>	Elevation: 0.0 meters	
	<u>210.0m</u>		<u>-51°</u>	TD: 327.0 meters	

DRILLING DATES

Started: June 7, 1999

Finished: June 15, 1999

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon Lake
 Date: June 7, 1999
 Logged By: R. Calhoun

DDH: PAL-HM99-35

GEOLOGIC SUMMARY

FROM		TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)			From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	18.8		Overburden								
18.8	170.5		Mafic Intrusive								
170.5	175.8		Felsic Volcanic								
175.8	176.9		Chlorite Zone	176.0	176.9	0.9	3990	1490	170	6.1	12
176.9	177.8		Felsic Volcanic								
177.8	177.9		Massive Sulfides	177.8	178.0	.2	42600	173200	10100	54.0	226
177.9	186.9		Felsic Volcanic								
186.9	198.0		Mafic Volcanic								
198.0	211.4		Felsic Volcanic								
211.4	220.2		Mafic Volcanic								
220.2	231.1		Rhyolite								
231.1	234.0		Fragmental/Breccia								
234.0	268.1		Fragmental/Breccia-Debris Flow?								
268.1	279.0		Mafic Intrusive								
279.0	327.0		Intermediate Volcanic/Intrusive								
327.0			End of Hole								

COMMENTS

Diamond Drill Log

Property: Halfmoon

Hole Number: PAL-HM99-35

Claim Number: 969269

Location: L5150E/10000N

Final Depth: 327.0 meters

Logged By: Robert Calhoun

Azimuth: Grid North -26°

Dates Drilled: June 7-15, 1999

Drilled By: Colbert Drilling

Dip: -53°

Dates Logged: June 8-16, 1999

Signature: 

Assays

From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	18.8	Overburden									
18.8	170.5	<p>Mafic Intrusive -fine to generally medium grained, colour variable-weakly apple green to 23.8m, dark green to 30.2m and light to medium green grey. The green to apple green colour is probably due to epidote and saussauritized feldspars. Unit has variable calcite in the matrix and as veins to veinlets. Epidote is locally pervasive over 5-10cm. Quartz veins are in the section from 28.5 to 30.0m 5-10%</p> <p>24.0-30.2-unit is crushed and broken to 27.0m and weakly foliated, dark green with abundant calcite to 30.2m. Calcite and foliation is 90° to core axis. Quartz carbonate veins are 50° to core axis.</p> <p>30.2-51.0-apple green, epidote colouration numerous textural changes including possible flow like structures. Unit has white flecks and probably leucoxene.</p> <p>51.0-55.5-mafic volcanic in appearance foliated to 40° to core axis. Quartz and calcite veining. Quartz veins are up to 15cm in length 40° to core axis, calcite is associated with the quartz veins.</p> <p>55.5-115.5-medium grained generally with greenish saussauritized feldspars to 1mm, epidote is in contorted "veins" at various angles generally <30° to core axis. Quartz veining and calcite veining is minor. Local internal <1m fine grained sections. Unit is competent with</p>									

Diamond Drill Log

Hole # PAL-HM99-35

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		<p>fracturing 30°/60° to core axis wide spaced. Minor cubic pyrite as at 69.6m.</p> <p>115.5-120.0-strongly pervasive epidote with numerous small quartz veins, white, to 5cm. Quartz is locally in clots. Chlorite "vein" sub-parallel to core axis at 119.4-119.7m.</p> <p>120.0-131.8-unit continues to be epidotized but has 2-3m sections coarse grained with feldspars to 5mm. Epidote is in "veins" and locally pervasive. Sections dark grey green with leucoxene?</p> <p>131.8-149.0-coarse grained with white feldspars glomeroporphyritic with clusters to 5mm local quartz phenocrysts or porphyroblasts to 5mm+. Epidote green colour dominant colouration but ground mass is dark green and siliceous. This section contains minor pyrite as cubes and local clusters to 4mm in size. This section may be dioritic with increasing quartz (silica). Lower "contact" is 15° to core axis clustering of pyrite in bottom 10-15cm.</p> <p>149.0-170.5-finer grained than above, medium grained, feldspars are generally saussauritized with green colouration. There is a weak layering with darker grey green section 10-20cm in length. Minor patchy feldspar phytic coarser sections <10cm in length. Small diabase dyke at 157.9-158.3m. Contact at 80° to core axis. Second smaller dyke at 160.0-161.1 - contact 40° to core axis.</p>									
170.5	175.8	<p>Felsic Volcanic</p> <p>-fine grained, light grey to locally dark grey green patches with chlorite intermixed with yellow translucent sericite. Sericitic "layers" are up to 20cm in length. Unit is highly siliceous in light grey sections, becoming softer towards lower contact with increase in alteration. Upper contact with mafic intrusive is at 36° to core axis, Lower contact is at 48° to core axis.</p>									
175.8	176.9	<p>Chlorite Zone</p> <p>-the sections is chlorite, very soft, fine grained. Two small quartz veins occur in the section with the upper</p>									

Diamond Drill Log

Hole # PAL-HM99-35

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		vein ~2inches having 2-3% sphalerite grains. The lower vein is smaller but has massive pyrrhotite and chalcopyrite over 4cm. Chalcopyrite 15-20%. There is minor to 2% pyrite on fractures through the section.	1871	176.0	176.9	0.9	3990	1490	170	6.1	12
176.9	177.8	Felsic Volcanic -fine grained, medium grey siliceous with chlorite increasing near end of section.	1872	176.9	177.8	0.9	20	340	20	0.2	10
177.8	177.9	Massive Sulfides -fine grained pyrrhotite with layering of sphalerite, chalcopyrite minor galena grains as shown:									
		The chalcopyrite is estimated at 10-15% and sphalerite at 3-5%. These are conservative estimates. Galena is minor.									
177.9	186.9	Felsic Volcanic -fine to locally medium grained, medium grey green to green chloritic. Top of the unit is massive in appearance finely textured to 182.0m. Disrupted flow banding at 182.0-182.6m with hyaloclastites. Lower section below 183.6 is highly chloritized and has infrequent quartz shards to fragments up to 4mm on long axis.	1873 1874	177.8 178.0	178.0 179.0	0.2 1.0	42600 170	173200 889	10100 275	54.0 0.6	226 10
186.9	198.0	Mafic Volcanic -fine to medium grained, dark green chloritized soft. This section could be altered felsic because there are sections which are harder although chloritized. Locally									

Diamond Drill Log

Hole # PAL-HM99-35

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
198.0	211.4	<p>there are flow structures and small quartz shards as above. Sulfides are minor to nil generally pyrite where seen.</p> <p>Felsic Volcanic -fine to medium grained, dark green to green grey, chloritized with variable textures due to degree to chloritization. The unit is locally weakly to moderately siliceous. Possible spherules but these are ghost type features.</p> <p>193.8-194.1-fine grained diabase dyke, magnetic 197.5-197.7-chalcopyrite 1% as individual grains, and minor discontinuous laminae in possible large "fragment" or "bombs"</p>									
211.4	220.2	<p>Mafic Volcanic -fine grained to locally medium grained, dark green to blackish colour due to chloritization. The unit is locally leucoxenitic, has small stretched nodules, chlorite as at 215.9m. The unit is termed mafic based on colour.</p> <p>There is <u>chalcopyrite</u> randomly dispersed in the unit as grains, clusters of grains and as fine laminae. The laminae are discontinuous with examples at 212.1m and 214.0m. These are oriented on weak foliation.</p> <p>The contact with the upper unit is hazy due to alteration. The lower contact is sharp at 41° to core axis.</p>									
220.2	231.1	<p>Rhyolite -fine to medium grained, medium to dark grey to grey green, possibly spherulitic with small spherules <1mm. Unit is generally massive but may exhibit flow structures at 223.0m. There are small sections of increased chlorite as patchy as at 228.1-228.3m.</p>									
231.1	234.0	<p>Fragmental/Breccia -fine grained, dark green chloritic matrix supporting bleached fragments to 6cm. These fragments are quartz porphyritic or have quartz filled spherules which may contain pyrite and rarely chalcopyrite.</p>									

Diamond Drill Log

Hole # PAL-HM99-35

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
234.0	268.1	<p>Fragmental/Breccia-debris flow? -fine grained, dark green chlorite matrix supporting large fragments as possible bombs. The unit is highly variable in texture possibly due to the size of some of the blocks. There are fine grained siliceous sections up to 1m in length which are separated by smaller sub-rounded to angular sometimes contorted fragments. A good example of this is between 243.0 and 246.0m.</p> <p>One feature of this unit is that the fragments are epidotized pervasively with some of the fragments exhibiting a rimming nature. The rims are generally darker and fine grained, example 244.6 and 256.1m. There are pyrite and pyrrhotite sulfides associated with the fragments and the epidote. Locally an individual fragment area may have 3-5% sulfides. Chalcopyrite is a minor component of the overall sulfides but can be up to 1% over 30cm as in the section from 246.0-247.0. Small grains of chalcopyrite have been noted in numerous locations however.</p> <p>261.0-268.1-fragment abundance decreases and chlorite patches also decrease. The fragments in this section appear more like bombs generally sub-rounded and frequently shattered.</p> <p>Lower contact 38° to core axis.</p>	1875	239.4	240.8	1.4	221	612	39	0.2	5
			1876	246.0	247.0	1.0	789	354	1	0.2	2
			1877	249.0	250.0	1.0	129	217	1	0.1	21
			1878	250.0	251.4	1.0	102	98	1	0.1	9
268.1	279.0	<p>Mafic Intrusive -fine grained, medium green contact zone to 271.0, medium grained, dark green to grey green, leucoxenitic below. The unit has abundant white flecks and free silica is locally abundant. Feldspars are white. Quartz veining is white up to 10cm 70° and 20° to core axis. Pyrite as disseminations increases in lower part of section.</p>									
279.0	327.0	<p>Intermediate Volcanic/Intrusive -fine to generally medium grained, medium green to grey green in quartz rich sections. The unit is leucoxenitic, locally abundant and has high percentage of free silica, to quartz phytic. Minor sections <10cm of fine chloritic material around quartz veined sections. Quartz veining is about 5% of section with veins to</p>									

Diamond Drill Log

Hole # PAL-HM99-35

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		<p>20cm generally at 65° to core axis. Sulfides of pyrite are minor occurring as fine disseminations.</p> <p>301.4-306.7-Mafic Dyke/Diabase-fine grained, dark grey to blackish, contacts 35° to core axis. Dyke is magnetic moderate to strong with chilled margins locally pyritic. The dyke has two phases with an internal contact at 306.3 at 20° to core axis.</p> <p>Other dykes as above occur at 311.95-312.5m, 315.3-315.5m, 316.1-316.3m, 316.8-317.1m at various core angles 50° to 80°.</p>									
	327.0	<p>End Of Hole</p> <p>Acid Test</p> <p>100m -52°</p> <p>210m -51°</p>									

997539

969269

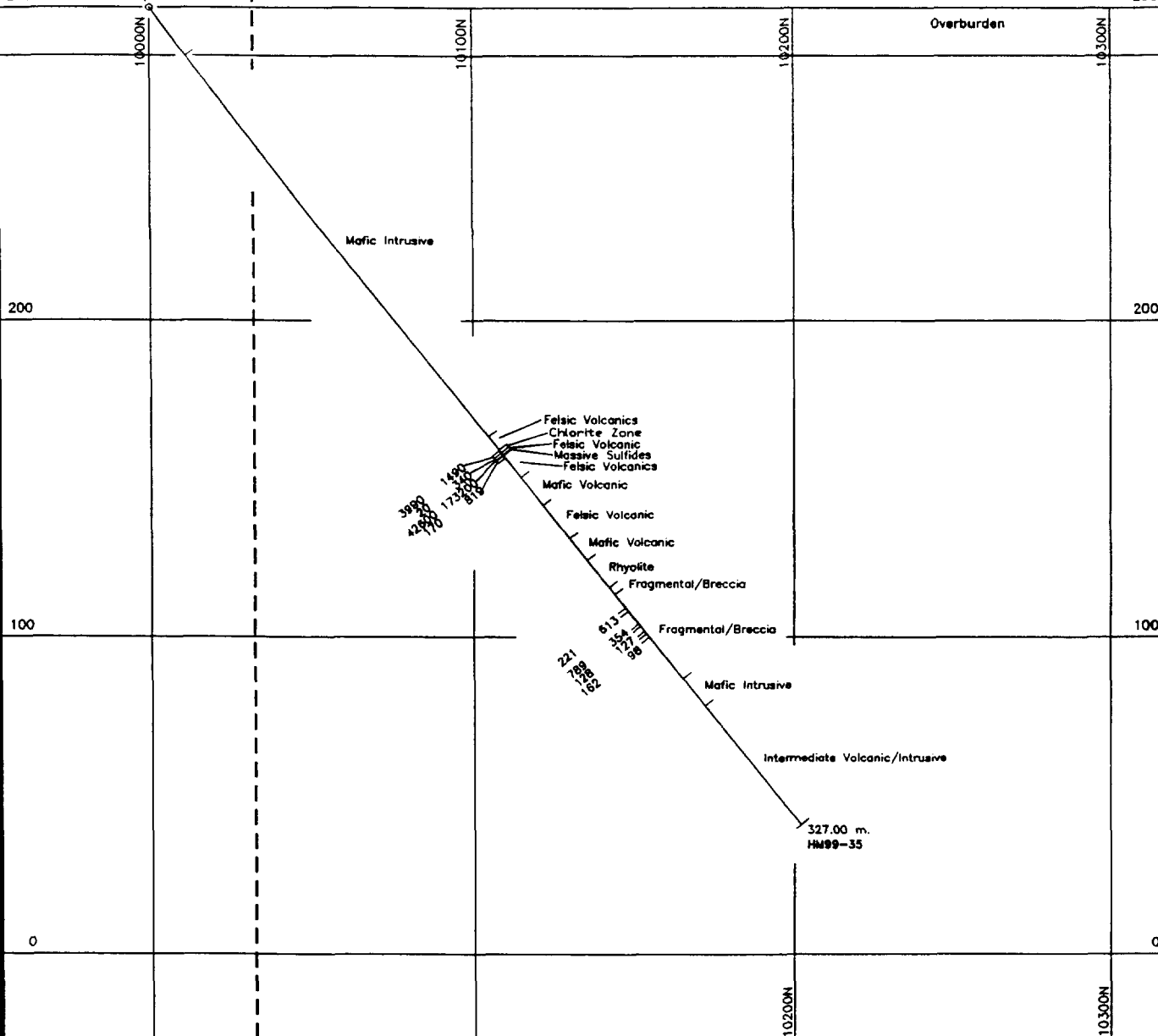
Az. 026°

HM99-35

5150mE, 10000mN
Az. 000°, Dip -53°

298

298



PROSPECTORS ALLIANCE CORPORATION

Exploration Timmins, ONTARIO

HALFMOON LAKE PROJECT
ROBB TOWNSHIP

SECTION 5150 E
DDH HM99-35

Assays Cu/Zn ppm

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: d e l	DATE: 21/08/99	MAP No:	FILE: H99355TN
SUPERVISED: R Cathoun	DATE: 20/08/99	SCALE 1:2 000 (metres)	
REVISED:	DATE:	0 10 20 30 40	

DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon
Date: November 13-17, 1999
Logged by: Robert Calhoun
Drilling Co: Colbert Drilling

DDH: PAL-HM99-36

Claim Number: 1190197

COLLAR LOCATION: L5400E/10035N

SURVEYS: Acid Test

TIMMINS COORDINATES

GRID COORDINATES

	<u>Depth</u>	<u>Azimuth</u>	<u>Dip</u>
Setup:	0.0	026°	-50°
	174.0m		-42°

Northing:	10035N
Easting	5400E
Elevation: 0.0 meters	
TD: 174.0 meters	

DRILLING DATES

Started: November 13, 1999
Finished: November 17, 1999

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon
 Date: November 13, 1999
 Logged By: R. F. Calhoun

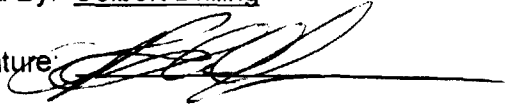
DDH: PAL-HM99-36

GEOLOGIC SUMMARY

FROM	TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)		From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	14.6	Overburden								
14.6	26.2	Felsic Volcanic - Tuff								
26.2	31.4	Mafic Volcanic								
31.4	36.0	Felsic Volcanic - Tuff								
36.0	55.6	Mafic Volcanic								
55.6	67.7	Felsic Volcanic								
67.7	83.6	Mafic Volcanic/Intrusive								
83.6	87.5	Felsic Volcanic								
87.5	105.0	Mafic Volcanic/Intrusive								
105.0	154.0	Mafic Volcanic								
154.0	174.0	Diabase Dyke								
	174.0	End of Hole								

COMMENTS

Diamond Drill Log

Property: <u>Halfmoon</u>	Hole Number: <u>PAL-HM99-36</u>	Claim Number: <u>1190197</u>
Location: <u>L5400E/10035N</u>	Final Depth: <u>174.0 meters</u>	Logged By: <u>Robert Calhoun</u>
Azimuth: <u>Grid North 026°</u>	Dates Drilled: <u>November 13-17, 1999</u>	Drilled By: <u>Colbert Drilling</u>
Dip: <u>-50°</u>	Dates Logged: <u>November 14-18, 1999</u>	Signature: 

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0.0	14.6	Overburden									
14.6	26.2	Felsic Volcanic-Tuff -fine to medium grained, dark green grey to medium grey green. Upper part of the unit is chloritic and soft to 21.3m with sericite increasing from 18.0m to be dominant from 21.3-26.2m. The unit is foliated, contorted but generally 40-45° to core axis. The unit is in part a lapilli tuff with lapilli being medium grey with lighter rims, sub angular to sub rounded. The unit is quite broken with limonite staining 21.6-23.8m. Sulfides are minor except as noted below. 23.8-26.2-this section has pyrite 3-5% overall with short 10cm sections with 15-20% as at 24.2-24.3m. There is minor pyrrhotite in the section but base metals are nil to trace. Lower contact at 48° to core axis.	23526 23527	23.8 25.1	25.1 26.2	1.3 1.1	152 18	83 37	20 1	0.2 0.1	14 3
26.2	31.4	Mafic Volcanic -fine grained, medium green with white flecks 5% of core. Unit is massive with only minor quartz to quartz carbonate veining. Other veins are filled with the same unit fine grained. Epidote is a minor constituent of the unit.									
31.4	36.0	Felsic Volcanic-Tuff -fine grained, light to medium grey but abundant sericite gives the overall unit a pale green sericite colour. Locally intense sericitization makes the unit translucent green. Foliations at 47° to core axis.									

Diamond Drill Log

Hole # PAL-HM99-36

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
36.0	55.6	32.8-36.0-sulfides of pyrite/pyrrhotite with minor sphalerite and chalcopyrite locally to 1% but generally overall <0.5%. Pyrite as dark brownish with no definite grains and as yellow veinlets and grains. Pyrrhotite more abundant 34.9-36.0m. Chalcopyrite occurs both with pyrite and pyrrhotite. One large semi massive vein occurs at 34.3-34.5m.	23528	31.4	32.8	1.4	24	77	18	0.1	nil
			23529	32.8	34.0	1.2	149	36	10	0.2	3
			23530	34.0	35.0	1.0	132	37	9	0.2	12
			23531	35.0	36.0	1.0	355	512	177	0.6	2
55.6	67.7	<p>Mafic Volcanic -fine to medium grained, medium green with white flecks as above. This section has increased epidote locally pervasive but generally in veins with quartz and/or carbonate. The veins are up to 5cm in width at 46° to core axis dominantly and as contorted veinlets <0.5cm. Carbonate can also form distinct veins, white calcite. There is minor limonite staining on some fractures as at 37.6-39.0m. The unit is predominantly massive with no foliations. Lower contact finer grained, fractured to locally crushed.</p> <p>Felsic Volcanic -fine to medium grained, light grey to light grey green, with local areas medium grey. Upper contact to 56.4m is very fine grained light grey, siliceous baked contact zone. Small sections as at 56.7-56.75m and 58.5-58.7m are micro brecciated and may indicate flow. The remainder of the unit is foliated, sericitized, locally siliceous. Foliations are at 60° locally contorted by kink bands.</p> <p>62.8-67.7-unit is foliated and has cherty layers light grey parallel to foliation. The end of the section 66.8-67.7m is silicified fine grained and less obvious foliation.</p>									
67.7	83.6	<p>Mafic Volcanic/Intrusive -medium grained with fine grained contact zones wider at lower contact, medium green to apple green where epidote is more abundant in the matrix. The unit has a speckled appearance possibly due to increased chlorite. Veinlets at various angles contain carbonate/epidote and/or quartz. The lower contact is contorted with some intermixing with following unit. There are up to 10% white flecks through the unit.</p>									

Diamond Drill Log

Hole # PAL-HM99-36

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
83.6	87.5	Felsic Volcanic -fine grained, light to medium grey to blackish with chlorite-upper section of the unit is siliceous to silicified becoming softer towards end of section. Lower part of section has fragmented to brecciated textures. There is chlorite in this zone and minor sericite.									
87.5	105.0	Mafic Volcanic/Intrusive -fine to medium grained, medium green to dark chloritic green over 0.5m. Minor quartz veining, to lighter apple green down section with increase in epidote veining and some pervasive epidote. The veins are up to 2cm wide often associated with quartz and/or carbonate. Pyrite occurs as 0.4cm cubes random-minor. 90.0-93.2-fine grained, medium to dark grey green to medium grey chloritic and soft, 10% quartz veining as white quartz veins sub parallel to core axis, 60° and 20° axis. This section is possibly a highly altered felsic as above. The lower contact is sharp defined by quartz vein at 55° to core axis. The main unit continues to have the leucoxenitic white flecks as above.									
105.0	154.0	Mafic Volcanic -fine grained, medium green grey to dark green to blackish in chlorite sections. This unit is highly altered with chlorite and sections of intense sericite. The alteration gives the core a soapy feel and is very soft. 105.0-113.0-massive highly altered mafic 113.0-116.5-fine grained, medium grey to grey green sericitic and weakly siliceous. Sericite foliation gives the unit a speckled appearance locally with elongated silica rich ellipsoidal structures. The foliation is at 45° to core axis as are the upper and lower contacts. This unit is fairly well mineralized with fine disseminated pyrite and lesser small veinlets of pyrite. No sphalerite or chalcopyrite were noted but there may be minor galena??. Total sulfide 10-15%. 116.5-125.0-dark green to medium green beige, intensely altered with chlorite and sericite. The sericite gives the core a beige colouration and the foliations are at 45° to the core angle.	23533 23534 23535	113.0 114.0 115.0	114.0 115.0 116.5	1.0 1.0 1.5	13 16 49	25 26 156	2 2 3	0.1 0.1 0.2	2 5 5

Diamond Drill Log

Hole # PAL-HM99-36

		Assays									
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		<p>125.0-129.2-fine grained, light to medium grey green. This section is veined with epidote carbonate and minor quartz. The veins are pale green in colour to 5cm wide. The veins are locally cut off forming elongated pods. Carbonate also occurs in wispy veinlets.</p> <p>There are minor occurrences of sulfides of pyrite and possible chalcopyrite.</p> <p>129.2-135.0-dark green to blackish locally in chlorite, highly altered, has small veinlets similar to above and amygduloidal shape carbonate bubbles. Minor amygdules contain epidote carbonate. There are minor sulfides in mainly pyrite which can occur as discontinuous veinlets.</p> <p>135.0-137.5-dark green massive, chloritic.</p> <p>137.5-139.9-dark green chloritic, fine grained locally sericitic and locally potassic alteration gives the core a reddish brown hue over 10-40cm. This section has increased sulfides of pyrite in small veinlets of medium to coarse grains to cubes and has two semi-continuous veinlets of chalcopyrite. The chalcopyrite occurs with pyrite and minor pyrrhotite between 139.0-139.9m.</p> <p>139.9-154.0-fine grained, locally crushed and broken. This section is variable in colour with dark green to green grey being dominant with section of grey beige and reddish brown, potassic altered. These reddish brown sections are up to 40cm and can occur as disseminated alteration as at 150-151.5m. Quartz veining is 5% as section with chalcopyrite occurring with one small vein at 151.9m as disseminated grains. Chalcopyrite also occurs in fracture at 153.1m. The unit is weakly to moderately siliceous probably due to following unit.</p>									
			23536	137.5	139.0	1.5	86	353	1	0.1	2
			23537	139.0	139.9	0.9	1280	253	2	0.7	2
			23538	139.9	141.0	1.1	29	117	1	0.1	nil
			23539	150.4	151.9	1.5	17	61	1	0.1	nil
			23540	151.9	153.1	1.2	393	93	1	0.2	3
154.0	174.0	<p>Diabase Dyke</p> <p>-fine grained, contact medium to coarse grained, dark green to dark green grey with diabasic texture. Upper contact is crushed, broken. Unit is strongly magnetic with visible magnetite grains. The unit is fractured at 60°, 45° and sun parallel to core axis but is competent with only minor broken and crushed sections. Epidote occurs through the section with pervasive sections at 171.3-171.8m.</p>									

Diamond Drill Log

Hole # PAL-HM99-36

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
	174.0	End Of Hole Acid Test 174.0m -42°									

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon
 Date: November 17-19, 1999
 Logged By: R. F. Calhoun

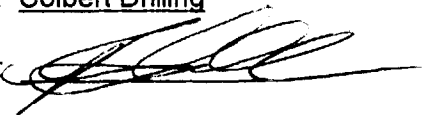
DDH: PAL-HM98-21ext2

GEOLOGIC SUMMARY

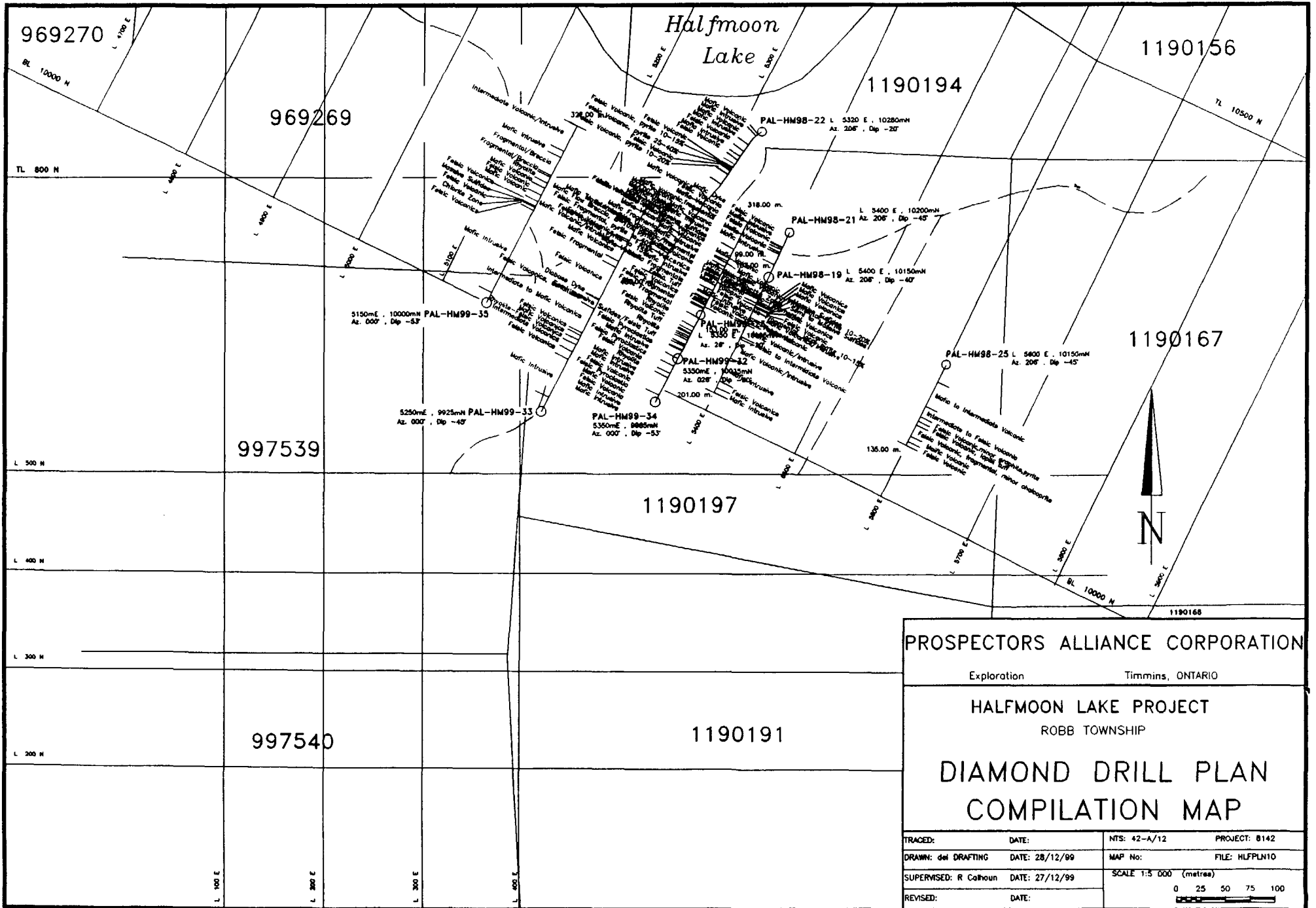
FROM		TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)			From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
210.0	225.8		Mafic Intrusive								
225.8	243.0		Intermediate Intrusive								
	243.0		End of Hole								

COMMENTS

Diamond Drill Log

Property: <u>Halfmoon</u>	Hole Number: <u>PAL-HM98-21ext2</u>	Claim Number: <u>1190197</u>
Location: <u>L5400E/10200N</u>	Final Depth: <u>243.0 meters</u>	Logged By: <u>Robert Calhoun</u>
Azimuth: <u>206°</u>	Dates Drilled: <u>November 17-19, 1999</u>	Drilled By: <u>Colbert Drilling</u>
Dip: <u>-50°</u>	Dates Logged: <u>November 18-19, 1999</u>	Signature: 

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
210.0	225.8	Mafic Intrusive -medium to fine grained, medium grey green to locally pale (bleached) green grey. The upper section of unit has coarse chlorite spots and minor feldspar phenocrysts, local alteration to beige around some veins. The remainder of unit has only random phenocrysts, is locally chloritized dark green, minor quartz veining. Unit is magnetic, weakly to moderately.									
225.8	243.0	Intermediate Intrusive -fine grained, light to medium green grey, matrix hosting feldspar phenocrysts to 3mm sub-rounded. These phenocrysts appear to be in preferential "layers". There are local 10-20cm sections which are chloritized dark green. This unit may be a thick flow? Epidote occurs in quartz and/or carbonate veining. There are minor chloritic patches which may be selvages but are probably chloritization around fractures. Minor zone of healed breccia at 235.1m.									
	243.0	End Of Hole									



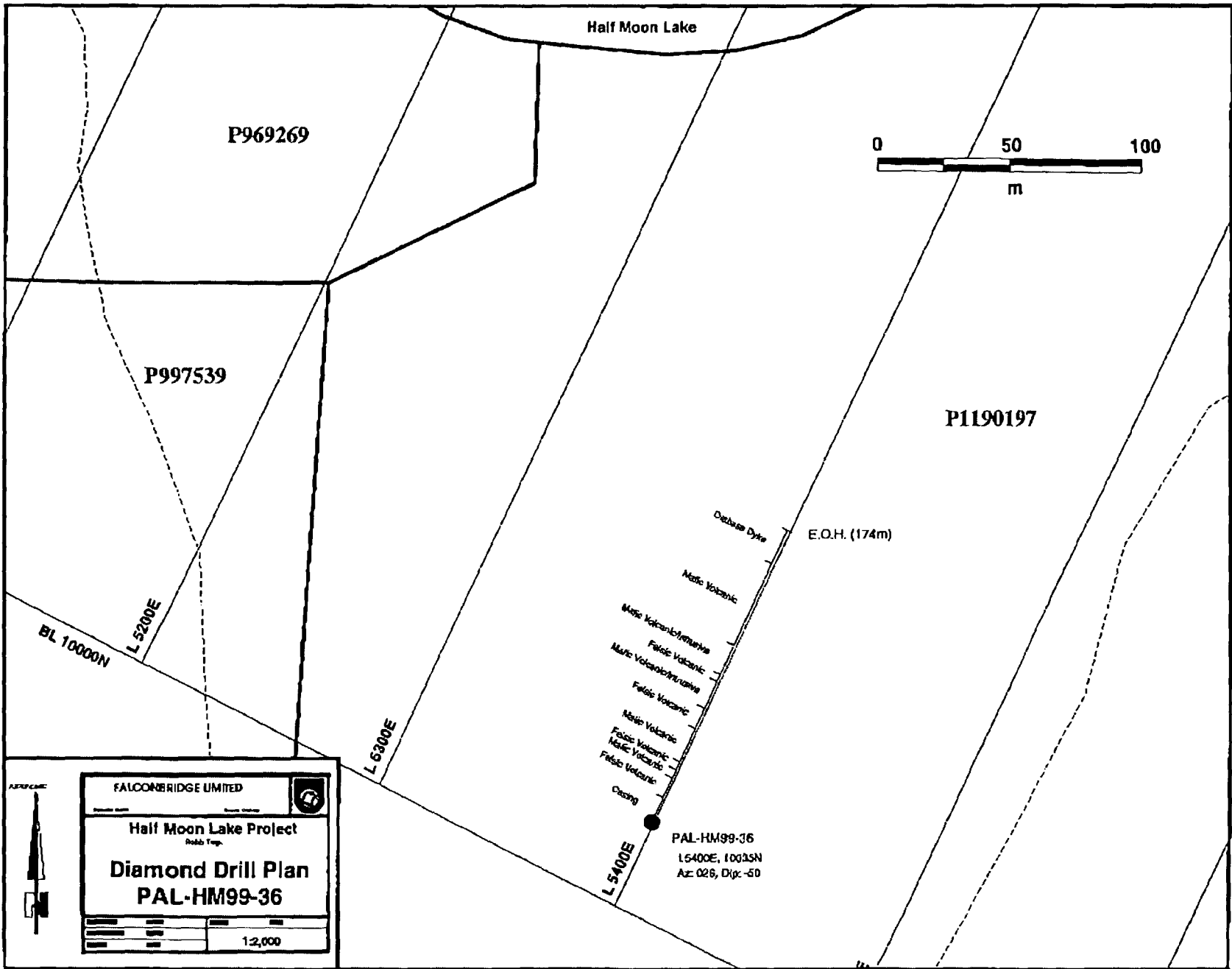
PROSPECTORS ALLIANCE CORPORATION

Exploration Timmins, ONTARIO

HALFMOON LAKE PROJECT
ROBB TOWNSHIP

**DIAMOND DRILL PLAN
COMPILATION MAP**

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: del DRAFTING	DATE: 28/12/99	MAP No:	FILE: HLFPLN10
SUPERVISED: R Colboun	DATE: 27/12/99	SCALE 1:3 000 (metres)	
REVISED:	DATE:	0 25 50 75 100	



DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon
Date: August 14 to 21, 2000
Logged by: Robert F. Calhoun
Drilling Co: Colbert Drilling

DDH: HM00-37

Claim Number: 1190197

COLLAR LOCATION: L5500E/10050N

SURVEYS: Acid Test

TIMMINS COORDINATES

GRID COORDINATES

	<u>Depth</u>	<u>Azimuth</u>	<u>Dip</u>
Setup:	0.0	026°	-55°
	186.0m		-49°

Northing:	10050N
Easting	5500E
Elevation: 0.0 meters	
TD: 186.0 meters	

DRILLING DATES

Started: August 14, 2000

Finished: August 20, 2000

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon
 Date: August 14, 2000
 Logged By: R. Calhoun

DDH: HM00-37

GEOLOGIC SUMMARY

FROM	TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)		From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	14.8	Overburden								
14.8	62.1	Mafic Intrusive (Diabase)								
62.1	72.4	Mafic Volcanic								
72.4	80.1	Felsic Volcanic								
80.1	83.7	Felsic Volcanic								
83.7	87.8	Felsic Volcanic-Sulfides	85.1	86.1	1.0	834	4100	1150	3.4	2
			86.1	87.0	0.9	246	1790	999	1.6	3
			87.0	87.8	0.8	305	3870	1680	3.7	3
87.8	102.8	Basalt								
102.8	110.8	Rhyolite								
110.8	117.0	Rhyolite								
117.0	123.4	Graphite-Sulfide Zone								
123.4	146.8	Rhyolite								
146.8	186.0	Mafic Fragmental								
	186.0	End of Hole								

COMMENTS

Diamond Drill Log

Property: Halfmoon

Hole Number: HM00-37

Claim Number: 1190197

Location: L5500E/10050N

Final Depth: 186.0 meters

Logged By: Robert Calhoun

Azimuth: 026° Grid North

Dates Drilled: August 14-20, 2000

Drilled By: Colbert Drilling

Dip: -55°

Dates Logged: August 17-21, 2000

Signature: 

For: Bob Calhoun

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	14.8	Overburden -sand, gravel, clay									
14.8	62.1	Mafic Intrusive (Diabase) -medium grained, medium to dark grey green, displaying diabase textures. Pale green saussauritized feldspars to 1.0mm. Unit is fractured as 20, 60, 80° to core axis. Pyrite sulfides occur throughout as euhedral disseminations. Unit is magnetic, moderate to strong. Fracturing increases down hole to highly broken, locally crushed. Lower contact is at 40° to core axis. Unit becomes fine grained to chilled below 59.5m. Unit is non-magnetic below 57.0m.									
62.1	72.4	Mafic Volcanic -fine grained, medium to dark green grey, abundant epidote in fractures with carbonate and quartz. Quartz/feldspar grains are visible in the ground mass. Epidote fractures can form minor "net" patterns. Unit is siliceous to silicified especially near upper contact. Unit has minor sulfides mainly as clots of pyrite, infrequent.									
72.4	80.1	Felsic Volcanic -fine grained, medium grey to blackish in increased chlorite zone. Unit is medium hard to soft downhole due to alteration. Alteration is increasing in intensity down hole									

Diamond Drill Log

Hole # HM00-37

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
80.1	83.7	with chlorite forming blobs to clots up to 1cm. There is minor mineralization of pyrite, sphalerite/chalcopyrite as infrequent grains. Unit is quite massive in appearance to grainy towards end of section. Felsic Volcanic -appears to be a continuation of the above unit except that the alteration is now sericite. The unit is laminated to banded and is contorted with the bands at 10-15° to core axis in swirling patterns. Sericite is as yellow green layers up to 1cm in width. There are minor quartz eyes. Sulfides are minor pyrite, sphalerite, chalcopyrite with some pyrrhotite. There is one 2cm wide sulfide band near the alteration change at 80.7m. The vein has pyrite, pyrrhotite and 1% chalcopyrite.	8124	80.1	81.0	0.9	1010	70	26	0.7	2
83.7	87.8	Felsic Volcanic-Sulfides -this unit is as above except that the sulfide content has increased to 15-25% as pyrite, pyrrhotite in massive veinlets <0.5cm as fine to medium grains, local clots; sphalerite as disseminated grains and discontinuous veinlets along foliations; chalcopyrite as disseminated grains and galena as large grains especially at 86.4m. The sulfides are highest in content below 85.1m. Although the unit is highly contorted the lower contact is sharp at 41° to core axis. Sphalerite 1-2%, chalcopyrite <0.5% and galena <1%.	8125 8126 8127 8128	83.7 85.1 86.1 87.0	85.1 86.1 87.0 87.8	1.4 1.0 0.9 0.8	244 834 246 305	291 4100 1790 3870	78 1150 999 1680	0.2 3.4 1.6 3.7	3 2 3 3
87.8	102.8	Basalt -fine to medium grained, medium green with white speckles, possible leucoxene. Unit is probably FETI basalt flow. There are epidotitic patches and veinlets to 3-5cm wide. Unit is massive with only minor veining of quartz and quartz/carbonate. The unit is increasingly siliceous downhole especially 102-102.8m.									
102.8	110.8	Rhyolite -fine grained, light to medium grey to grey green matrix highly altered with sericite. The sericite occurs as yellow green fracture fillings to <1cm in width and along									

Diamond Drill Log

Hole # HM00-37

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
110.8	117.0	<p>foliations as fine laminae. The unit is sulfide poor with only minor disseminated pyrite and pyrrhotite.</p> <p>Rhyolite -this is a combination of the above unit but the alteration has become mainly dark green to blackish chlorite. The sericite still occurs on foliations and as local patches. Sulfides are dominantly fine disseminations of pyrrhotite <1%. Foliations 30° to core axis.</p>									
117.0	123.4	<p>Graphite-Sulfide Zone -fine grained, black graphitic argillite with up to 35% sulfides as nodules, discontinuous veinlets of pyrite and discontinuous massive veinlets of pyrrhotite. Pyrrhotite is dominant over pyrite increasing down section to semi massive vein 20cm wide near the lower contact. The veining is contorted as is the argillite banding. Sphalerite occurs as individual grains and small discontinuous veinlets to 1% below 123.4m. Chalcopyrite occurs randomly as grains and small clots.</p>	8129	117.0	118.0	1.0	39	73	14	0.2	2
			8130	118.0	119.6	1.6	98	48	1	0.2	nil
			8131	119.6	121.3	1.7	209	54	1	0.2	2
			8132	121.3	122.4	1.1	277	558	4	0.3	5
			8133	122.4	123.4	1.0	197	960	55	0.9	26
123.4	146.8	<p>Rhyolite -fine grained, light to medium grey to green grey with yellow green sericite alteration as fracture fillings and on foliations as laminae. The sericitization is moderate to strong throughout the section. Chlorite as dark green patches to foliation laminae is highly variable but generally minor. The unit is well foliated as 60° to core axis at 127.0m and 50° to core axis 141.0m. The chlorite content is higher near the upper contact. 123.4-123.8-fault gouge highly crushed abundant sericite. Although the sulfide content is low there are scattered grains of light red brown sphalerite and occasional grains of chalcopyrite. Pyrite is as minor fine disseminations. The upper part of the unit to 135.0m appears to be more tuffaceous in nature where highly foliated to near schistose. The lower portion is</p>									

Diamond Drill Log

Hole # HM00-37

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
146.8	186.0	<p>more massive and has less sericite.</p> <p>142.0-146.8-Unit is again more tuffaceous in nature highly foliated to schistose with minor foliation contortions second foliation. Kink bands. Foliation is at 44° to core axis. Unit is sericitic with increasing chlorite towards end of section. Lower contact is not sharp.</p> <p>Mafic Fragmental</p> <p>-the matrix of the unit is fine grained, medium to dark green with chlorite dark green to black as patches to veins to >0.5cm. This matrix supports lapilli sized fragments to blocks up to 40cm. There are amygduloidal fragments, fine grained bleached siliceous pale green blocks and fragments. There are also blocks of quartz eye porphyritic felsic volcanic, dark grey green as at 155.0m. Calcite occurs as veins locally. There are infrequent random veined areas which have 3-4% chalcopryrite as fine grains in quartz/carbonate as at 152.7, 157.1m. There is only very minor pyrite over the section.</p> <p>159.0-167.2-unit is much lighter in colour with less chlorite, feldspar porphyritic fragments to blocks abundant, pale green bleached</p> <p>167.2-177.9-dark green to blackish chlorite zone, less fragments, very soft to medium hard. Sulfides are minor pyrite and minor chalcopryrite in a couple of fractures.</p> <p>177.9-183.6-as 159.0-167.2. Pyrite <0.5% local patches.</p> <p>183.6-186.0-flow breccia pale green fragments in a dark green soft chloritic matrix. Fragments are elongated 37° to core axis, generally less than 5cm in width.</p> <p>186.0 End of Hole</p> <p>Acid Test 186 m -49°</p>									

Lithochemical Analyzes

Project: Halfmoon

Sample #	Hole #	from	to	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	TiO2 %	K2O %	MnO %	P2O5 %	LOI	Total
8351	HM00-37	58.9	59.1	46.02	12.01	18.77	7.93	4.75	3.15	2.75	0.65	0.27	0.51	2.51	99.45
8352	HM00-37	68.8	69.0	48.06	12.34	17.40	8.59	5.69	1.49	2.22	0.46	0.26	0.49	1.91	99.84
8353	HM00-37	76.2	76.3	53.62	15.71	13.90	0.63	7.23	0.07	0.76	2.01	0.14	0.17	5.24	99.58
8354	HM00-37	82.0	82.1	62.73	15.16	8.30	0.71	4.27	0.06	0.77	3.44	0.09	0.19	3.62	99.47
8355	HM00-37	96.7	96.8	46.79	11.51	19.19	7.25	5.20	1.79	3.02	0.04	0.25	0.58	4.02	99.73
8356	HM00-37	107.3	107.4	71.18	12.96	6.11	0.52	2.30	0.09	0.49	3.21	0.06	0.12	2.39	99.54
8357	HM00-37	112.5	112.6	60.29	14.40	10.54	0.57	6.26	0.04	0.71	2.15	0.12	0.18	4.38	99.71
8358	HM00-37	128.1	128.2	73.10	13.81	2.91	0.04	2.82	0.09	0.10	3.71	0.04	0.04	2.66	99.49
8359	HM00-37	137.4	137.6	70.83	15.30	2.07	0.30	0.99	7.25	0.11	1.43	0.04	0.02	0.93	99.36
8360	HM00-37	162.9	163.0	46.19	19.19	13.08	2.76	6.77	5.80	1.36	0.21	0.37	0.17	3.73	99.77
8361	HM00-37	172.9	173.0	42.08	14.94	21.26	1.81	11.50	0.08	1.02	0.05	0.48	0.16	6.38	99.86

Project: Halfmoon

Sample #	Ba	Sr	Zr	Sc	Y	Be	Co	Cr	Cu	Ni	V	Zn	Rb	Nb
8351	230	140	210	45	55	5	65	5	80	30	420	150	0.01	10
8352	130	190	200	45	45	5	65	50	25	45	320	105	0.01	10
8353	640	10	120	20	15	5	25	5	5	30	155	25	0.01	10
8354	920	10	150	15	20	5	15	25	5	35	125	35	0.01	10
8355	20	40	280	40	65	5	60	5	40	5	225	90	0.01	10
8356	810	10	210	10	40	5	10	5	5	5	30	15	0.01	10
8357	450	10	110	20	20	5	20	5	5	30	140	30	0.01	10
8358	1040	10	190	5	105	5	5	70	5	80	10	160	0.01	10
8359	460	30	160	5	105	5	5	5	5	5	5	25	0.01	10
8360	50	60	90	60	20	5	80	115	5	110	335	195	0.01	10
8361	20	10	80	45	30	5	50	90	5	80	300	270	0.01	10

All elements in ppm's

HM00-37

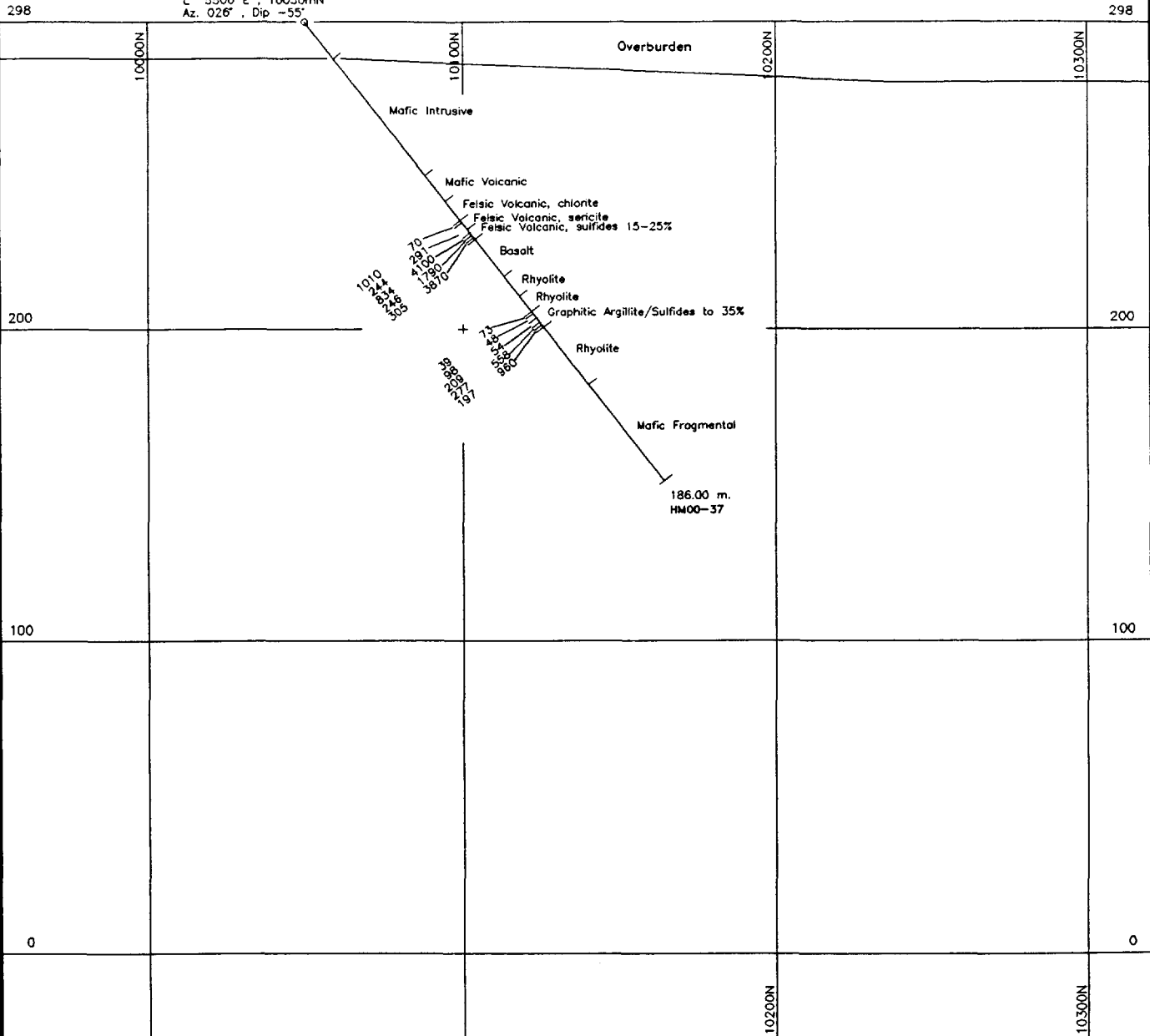
Project: Halfmoon

Sample #	Ishikawa	Chlorite Index	Zr/Y
8351	32.77	67.98	3.82
8352	37.89	69.61	4.44
8353	92.96	96.79	8.00
8354	90.92	94.23	7.50
8355	36.69	72.96	4.31
8356	90.03	93.24	5.25
8357	93.24	96.50	5.50
8358	98.05	97.78	1.81
8359	24.27	28.84	1.52
8360	44.92	69.87	4.50
8361	85.94	94.55	2.67

1190197

Az. 026°

HM00-37
L. 5500 E., 10050mN
Az. 026°, Dip -55°



EXPLORERS ALLIANCE CORPORATION			
Exploration		Timmins, ONTARIO	
HALFMOON LAKE PROJECT ROBB TOWNSHIP			
SECTION 5500 E DDH 00-37			
Assays Cu ppm, Zn ppm			
TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: del DRAFTING	DATE: 11/09/2000	MAP No:	FILE: H981837
SUPERVISED: R Calhoun	DATE: 25/11/98	SCALE 1:2 000 (metres)	
REVISED: R Calhoun	DATE: 10/09/2000	0 10 20 30 40	

DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon Lake
Date: August 22 to 25, 2000
Logged by: Robert F. Calhoun
Drilling Co: Colbert Drilling

DDH: HM00-38

Claim Number: 1190197

COLLAR LOCATION: L5325E/10040N

SURVEYS: Acid Test

TIMMINS COORDINATES

GRID COORDINATES

	<u>Depth</u>	<u>Azimuth</u>	<u>Dip</u>
Setup:	<u>0.0m</u>	<u>026°</u>	<u>-51°</u>
	<u>180.0m</u>		<u>-44°</u>

Northing:	10040N
Easting	5325E
Elevation: 0.0 meters	
TD: 198.0 meters	

DRILLING DATES
Started: August 22, 2000
Finished: August 25, 2000

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon Lake
 Date: August 22, 2000
 Logged By: R. Calhoun

DDH: HM00-38

GEOLOGIC SUMMARY

FROM	TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)		From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	14.0	Casing overburden								
14.0	26.6	Rhyolite/Intermediate Volcanic								
26.6	47.4	Felsic Pyroclastics								
47.4	59.1	Felsic Pyroclastics								
59.1	96.4	Rhyolite								
96.4	102.9	Mafic Intrusive								
102.9	114.1	Felsic Volcanic-Rhyolite								
114.1	129.9	Mafic Intrusive								
129.9	135.6	Felsic Volcanic								
135.6	151.5	Mafic Intrusive								
151.5	152.75	Massive Sulfide	151.5	153.8	2.3	2471	136763	438	5.8	96
152.75	153.4	Felsic Volcanic?	153.8	158.3	4.5	80	383	4	0.2	3
153.4	153.8	Massive Sulfide/Felsic Volcanic	158.3	160.65	2.35	598	27627	1329	4.2	282
153.8	158.3	Felsic Volcanic-possible lapilli tuff	151.5	160.65	9.15	814	41661	453	2.6	98
158.3	158.8	Massive Sulfide								
158.8	159.35	Felsic Volcanic								
159.35	160.65	Massive Sulfides/Felsic Volcanic								
160.65	193.0	Mafic Fragmental								
193.0	198.0	Mafic Volcanic								
	198.0	End of Hole								

COMMENTS

Diamond Drill Log

Property: Halfmoon Lake

Hole Number: HM00-38

Claim Number: 1190197

Location: L5325E/10040N

Final Depth: 198.0 meters

Logged By: Robert Calhoun

Azimuth: 026°

Dates Drilled: August 22-25, 2000

Drilled By: Colbert Drilling

Dip: -51°

Dates Logged: August 23-25, 2000

Signature: 

Assays

From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	14.0	Casing Overburden									
14.0	26.6	Rhyolite/Intermediate Volcanic -section is approximately 50% fine grained to medium grained, medium grey rhyolite and 50% intermediate volcanics-fine grained, medium to light green possible dykelets due to a variety of core angles. The intermediates may be injected "muds". They have epidote, more abundant in upper layer at 17.1-20.2m.									
26.6	47.4	Felsic Pyroclastics -fine grained, medium grey matrix hosting fragments of the same composition and light grey sub angular to sub rounded fragments to lapilli. In addition, there are chloritic fragments and patches. Sericite is the dominant alteration weak to moderate. There are a couple of fine (aphanitic) layers at 39.7-40.5m and 41.3-41.7m. Sulfides are nil to trace pyrite except as noted below. 47.35-47.37-two can bands of massive galena/sphalerite. The sphalerite is pale yellow brown. The mineralization is restricted to this band. There is more abundant sericite from 47.3-47.4 (10cm sample taken).									
47.4	59.1	Felsic Pyroclastic -fine grained, medium grey matrix, slightly darker than above with yellow green sericite, moderate. This unit is probably the same as the above but the fragments/lapilli are dominantly dark grey siliceous and less obvious. There	8134 8135	47.3 56.70	47.4 56.85	0.10 0.15	12 2140	105000 363	135600 324	72.2 0.5	3 5

Diamond Drill Log

Hole # HM00-38

		Assays									
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
59.1	96.4	are still chloritic fragments to patches. The sericite increases down section associated with local sulfide accumulations. The sulfides are dominantly pyrite, pyrrhotite with lesser chalcopyrite.									
		56.75-56.80 -five cm sulfide with dominantly pyrite and stringers to laminae of chalcopyrite.	8136	56.85	57.35	0.50	28	108	78	0.2	3
		57.38-58.10-semi massive pyrite pyrrhotite 25% of section with minor sphalerite/chalcopyrite. The pyrite is light fine grained coliform while the pyrrhotite is in masses and semi continuous veinlets. There are small cherty bands and chlorite veining within the sulfide zone.	8137	57.35	58.10	0.75	630	720	651	0.5	nil
59.1	96.4	Rhyolite									
		-fine grained, medium to dark grey to grey green matrix with colour change due to increased chlorite content. Sericite is still the dominant alteration on the laminae/foliations and as patches to pervasive in zones to 30cm, generally <10cm. Towards the bottom of the section there are cherty rhyolite bands/layers to 40cm but dominantly less than 20cm. These bands are light grey, hard, massive in appearance. The bands form core angles 48° to core axis. The lower contact zone of the unit 94.5-96.4m is fragmental with dark green chloritic fragments and light grey angular to sub angular fragments which are dominant. The grey fragments are up to 2cm but are <2cm generally. The fragments form 40% of the unit increasing towards contact. The lower contact is sharp at 44° to core axis.									
		89.8-92.05-sulfides of pyrite with minor sphalerite occur as clots, patches and discontinuous veinlets to laminae. Although infrequent, these occur throughout the section. There is an increase in sericite content through the mineralized zone. Total sulfide is 5% with 10-20cm sections to 15%.	8138	89.7	90.7	1.0	15	32	15	0.1	nil
			8139	90.7	92.05	1.35	14	36	9	0.1	nil
96.4	102.9	Mafic Intrusive									
		-fine to medium grained, medium green to apple green in epidotized sections. Epidote occurs as fracture fillings with carbonate ± quartz locally forming "net" patterns and is pervasive over 5-10cm sections. The unit has white flecks as pepper possible leucoxene.									

Diamond Drill Log

Hole # HM00-38

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
102.9	114.1	Sulfides are nil to trace, pyrite as cubes, local clots. Lower contact 50° to core axis. Felsic Volcanic-Rhyolite -fine to medium grained, medium grey to grey green with sericite alteration. There are bands of lighter grey cherty rhyolite up to 10cm. The upper contact area has more abundant chlorite. The lower contact area from 112.5-114.1 has stretched medium grey nodules possible spherules at 41° to core axis. The unit in this section is well foliated to near schistose with abundant sericite. 106.1-112.5-Pyrite Zone-this section contains pyrite up to 20% over 20-30cm sections with 10-15% being the average. The pyrite in this zone occurs as fine "dust" disseminations, fine grains to <1mm, locally as discontinuous veinlets. There are sections that contain only 3-5% pyrite in heavier sericite.	8140 8141 8142 8143 8144	106.1 107.6 109.1 110.1 111.1	107.6 109.1 110.1 111.1	1.5 1.5 1.0 1.0 1.4	18 10 14 17 15	31 42 39 18 18	6 9 9 1 1	0.1 0.2 0.1 0.1 0.1	3 nil nil nil nil
114.1	129.9	Mafic Intrusive -this section is as above except that there is an increase in pyrite content to 2% near upper contact. The unit is massive, generally featureless except for the epidote veinlets. Unit becomes finer grained from 128.6-129.9m. Lower contact is at 46° to core axis.									
129.9	135.6	Felsic Volcanic -fine to medium grained, medium to dark grey green, grainy in appearance probable tuff. Unit is chloritic, sericitic, weakly siliceous, foliated to laminated at 50° to core axis. Sericite is foliation related while the chlorite can occur as patches to veins. The unit is well mineralized with pyrite as disseminations, discontinuous veinlets and lesser massive bands with minor sphalerite/chalcopyrite. Overall the mineralization is consistent at 10-15% with 20% locally. 132.65-132.90-massive sulfides with 5% sphalerite and 1-2% chalcopyrite possible bornite, at 46° to core axis.	8145 8146	129.9 131.3	131.3 132.65	1.4 1.35	69 327	174 4420	1 9	0.2 0.5	9 15
135.6	151.5	Mafic Intrusive -medium to fine grained, medium green with white flecks possible leucoxene. The unit has epidote as	8147	132.65	132.9	0.25	6260	60600	319	11.9	274

Diamond Drill Log

Hole # HM00-38

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		fracture fillings and locally pervasive over 10-15cm. There are minor quartz veins with chlorite <0.5cm. The unit is massive. As above the unit becomes fine grained from 150.0-151.5m, contact zone. Sulfides of generally pyrite occur as euhedral grains random and infrequent. There is a slight increase in pyrite in finer grained contact zone. Lower contact is at 32° to core axis.	8148	132.9	133.9	1.0	1260	4160	186	1.2	14
			8149	133.9	134.9	1.0	22	330	25	0.2	9
			8150	134.9	135.6	0.7	282	17900	185	0.8	21
151.5	152.75	Massive Sulfide -fine grained, banded sulfides of pyrite, sphalerite, chalcopyrite. The contact 20cm is 30% pyrite generally with the remaining 1.05m massive. The sphalerite is up to 35% of section, chalcopyrite is 1% locally. The sphalerite is red brown to tan.	8151	151.5	152.75	1.25	4250	187400	337	8.5	151
152.75	153.4	Felsic Volcanic? -fine grained, dark green chloritic. Unit is highly altered with chlorite making unit determination difficult. Section has 5-8% pyrite as disseminations.	8152	152.75	153.4	0.65	47	3240	709	1.5	10
153.4	153.8	Massive Sulfide/Felsic Volcanic -this section has disseminated pyrite in felsic volcanic as above but has a core 22cm of massive sphalerite with minor pyrite. This section is red brown sphalerite. There are blobs of red brown to tan sphalerite in the remainder of the section. Chalcopyrite as fine grains, <1% of section.	8153	153.4	153.8	0.4	851	195500	314	4.2	63
153.8	158.3	Felsic Volcanic-possible lapilli tuff -fine grained, dark green, soft, highly chloritized. The unit is again so intensely altered as to make protolith determination difficult. There is also sericite in this section, lighter green. There are lapilli? within the section to 0.5cm rounded to sub rounded. Sulfides are 3-5% pyrite possible sphalerite.	8154	153.8	155.3	1.5	45	579	10	0.1	2
			8155	155.3	156.8	1.5	83	345	1	0.3	2
			8156	156.8	158.3	0.5	112	224	1	0.1	5
158.3	158.8	Massive Sulfide -fine to medium grained, banded pyrite with 3-5% sphalerite as red brown laminae to tan disseminations.	8157	158.3	158.8	0.5	1160	49200	2430	6.6	453
158.8	159.35	Felsic Volcanic -as above with 10% pyrite possible sphalerite as veinlets 1cm in width.	8158	158.8	159.35	0.55	75	609	67	0.8	45

Diamond Drill Log

Hole # HM00-38

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
159.35	160.65	Massive Sulfides/Felsic Volcanic -fine to medium grained, massive pyrite with laminae to veinlets of red brown to tan sphalerite. There is 10% chloritic felsic as above within the section as bands to 10cm (1 band) and a band 1cm in width. The sphalerite is 3-5% overall but is 8-10% from 160.2-160.65m.	8159	159.35	160.2	0.85	440	7870	332	5.0	302
			8160	160.2	160.65	0.45	910	74000	3530	4.2	343
160.65	193.0	Mafic Fragmental -fine grained, medium green chloritized, sericitic. This unit is highly altered to essentially chlorite with increasing sericite down section. The sericitic sections are pale green to beige in colour locally associated with small quartz veinlets as at 175.8-177.0m. The unit is alteration banded at 38° to core axis. Pyrite is minor, locally associated with patchy chlorite as fine disseminations except as noted below. 177.15-177.25-massive pyrite with 1-3% chalcopyrite 181.2-181.6-massive pyrite with 1-3% sphalerite as light tan colour, minor red brown chalcopyrite <0.5% 183.1-183.40 -70% massive pyrite with chalcopyrite Sericite becomes more abundant towards end of section.	8161	160.65	162.0	1.35	68	387	13	0.1	nil
			8162	177.1	177.3	0.2	730	255	41	6.2	103
			8163	180.0	181.2	1.2	30	112	1	0.2	3
			8164	181.2	181.8	0.6	436	8640	115	19.8	549
			8165	181.8	183.1	1.3	178	249	3	0.4	2
160.65	193.0	Mafic Volcanic -fine grained, medium green, chloritic increasing down section green, sericitic. Minor quartz veining. The unit appears mafic but is similar to the above unit. Sulfides nil to trace.	8166	183.1	183.4	0.3	380	194	89	4.7	189
			8165	181.8	183.1	1.3	178	249	3	0.4	2
			8166	183.1	183.4	0.3	380	194	89	4.7	189
193.0	198.0	End of Hole									
	198.0	Acid Test 180 m -44°									

Lithogeochemical Analyzes

Project: Halfmoon

Sample #	Hole #	from	to	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	TiO2 %	K2O %	MnO %	P2O5 %	LOI	Total
8362	HM00-38	21.0	21.1	63.05	14.86	5.45	1.38	3.59	7.89	1.13	0.06	0.07	0.29	1.57	99.38
8363	HM00-38	33.0	33.1	63.07	15.93	4.12	1.14	5.01	0.94	1.22	4.74	0.03	0.32	3.13	99.79
8364	HM00-38	51.0	51.2	67.66	15.67	5.28	0.20	2.29	1.19	0.52	4.29	0.03	0.13	2.33	99.72
8365	HM00-38	62.0	62.2	70.23	14.17	3.45	0.02	5.03	0.09	0.09	3.77	0.02	0.02	2.69	99.59
8366	HM00-38	85.6	85.7	72.27	14.62	1.87	0.04	2.70	1.27	0.10	4.52	0.02	0.01	2.24	99.81
8367	HM00-38	98.9	99.0	47.00	12.35	17.68	8.51	6.02	2.37	2.14	0.08	0.27	0.42	2.77	99.73
8368	HM00-38	112.9	113.0	71.10	13.51	4.33	0.24	3.33	0.20	0.10	4.34	0.04	0.03	2.41	99.81
8369	HM00-38	118.7	118.8	42.54	13.32	18.38	10.21	7.05	2.09	2.26	0.06	0.28	0.44	2.96	99.69
8370	HM00-38	165.2	165.3	45.51	15.49	21.63	0.26	9.22	0.05	0.93	0.55	0.28	0.12	5.52	99.65
8371	HM00-38	175.4	175.5	51.76	15.58	15.30	0.21	8.66	0.04	1.09	1.78	0.13	0.16	4.94	99.76
8372	HM00-38	196.4	196.5	46.55	17.52	14.95	0.94	8.87	4.96	0.98	0.04	0.37	0.11	4.27	99.67

Project: Halfmoon

Sample #	Ba	Sr	Zr	Sc	Y	Be	Co	Cr	Cu	Ni	V	Zn	Rb	Nb
8362	20	30	150	15	30	5	25	5	5	5	70	45	0.01	10
8363	1120	10	180	20	35	5	20	5	5	5	70	25	0.01	10
8364	880	10	210	15	45	5	5	5	5	5	20	115	0.01	10
8365	920	10	100	5	95	5	5	5	5	5	15	5	0.01	10
8366	1090	10	180	5	90	5	5	5	5	5	10	5	0.01	10
8367	40	160	180	45	40	5	60	50	25	60	315	160	0.01	10
8368	1420	10	160	5	90	5	5	5	5	5	15	50	0.01	10
8369	30	180	170	45	45	5	65	40	25	55	330	150	0.01	10
8370	120	10	60	40	20	5	60	90	5	120	310	140	0.01	10
8371	290	10	70	40	25	5	60	70	5	75	315	50	0.01	10
8372	10	10	60	45	25	5	65	175	5	125	245	200	0.01	10

All elements in ppm's

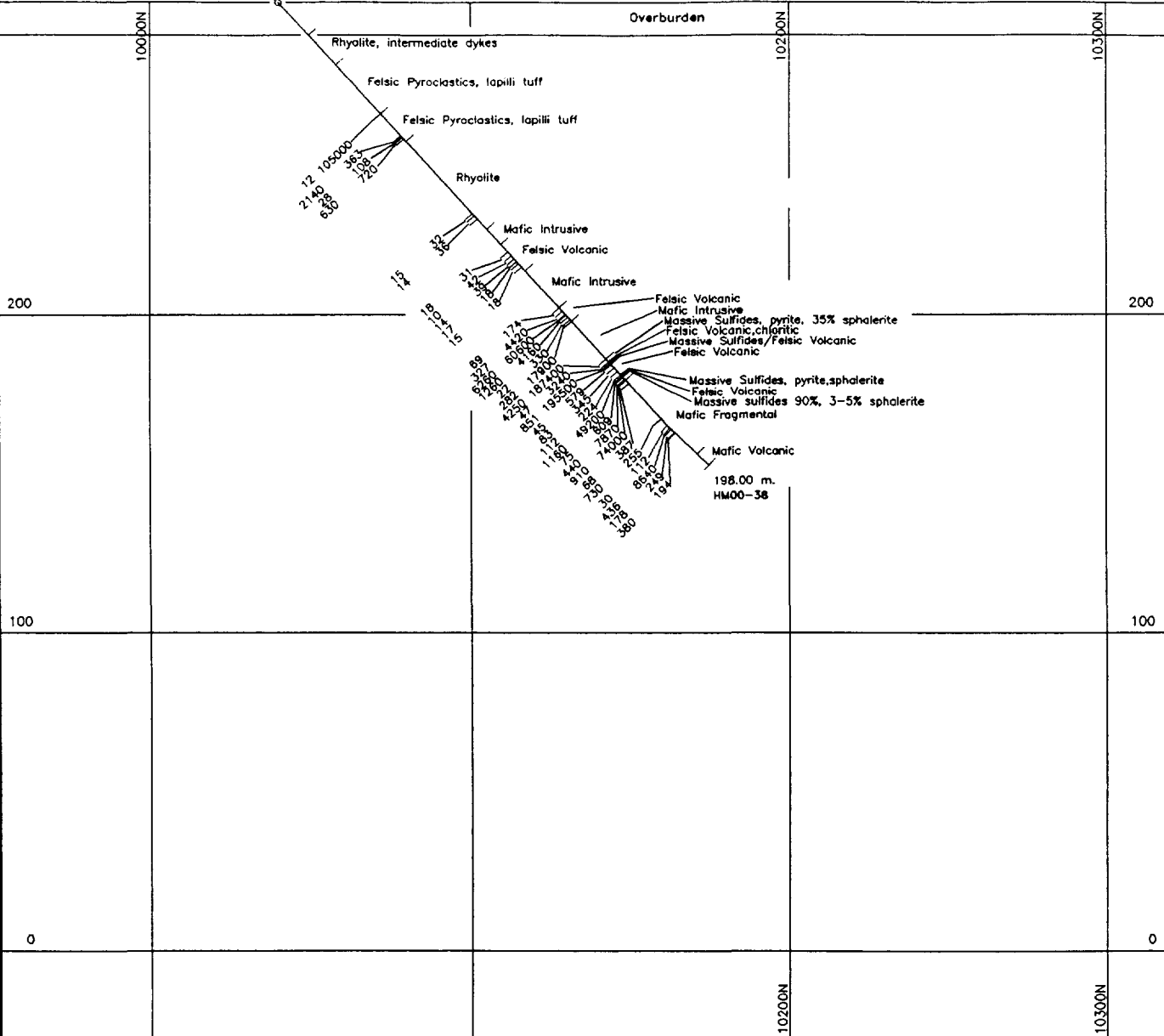
Project: Halfmoon

Sample #	Ishikawa	Chlorite Index	Zr/Y
8362	28.25	49.37	5.00
8363	82.42	81.45	5.14
8364	82.56	84.49	4.67
8365	98.77	98.72	1.05
8366	84.64	77.72	2.00
8367	35.92	68.54	4.50
8368	94.57	94.57	1.78
8369	36.63	67.40	3.78
8370	96.92	99.01	3.00
8371	97.66	98.97	2.80
8372	60.16	80.15	2.40

1190197

Az. 026°

298 HMO0-38 5325mE, 10040mN Az 026°, Dip -51° 298



EXPLORERS ALLIANCE CORPORATION

Exploration Timmins, ONTARIO

HALFMOON LAKE PROJECT
ROBB TOWNSHIP

SECTION 5325 E
DDH HMO0-38

Assays Cu ppm, Zn ppm

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: del DRAFTING	DATE: 11/09/2000	MAP No:	FILE: H0038str
SUPERVISED: R Calhoun	DATE: 10/09/2000	SCALE 1:2 000 (metres)	
REVISED:	DATE:	0 10 20 30 40	

DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon Lake
Date: August 25 to 30, 2000
Logged by: Robert Calhoun
Drilling Co: Colbert Drilling

DDH: PAL-HM00-39

Claim Number: P1190197

COLLAR LOCATION: L5300E/10018N

SURVEYS: Acid Test

TIMMINS COORDINATES

GRID COORDINATES

	<u>Depth</u>	<u>Azimuth</u>	<u>Dip</u>
Setup:	<u>0.0m</u>	<u>026°</u>	<u>-60°</u>
	<u>90.0m</u>		<u>-58°</u>

Northing:	10018N
Easting	5300E
Elevation: 0.0 meters	
TD: 240.0 meters	

DRILLING DATES

Started: August 25, 2000
Finished: August 31, 2000

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon Lake
 Date: August 25, 2000
 Logged By: R. F. Calhoun

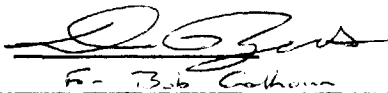
DDH: PALHM00-39

GEOLOGIC SUMMARY

FROM		TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)			From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	14.1		Overburden								
14.1	23.9		Felsic Volcanic - Rhyolite								
23.9	38.3		Mafic Volcanic to Intrusive								
38.3	120.1		Felsic Volcanic - Tuff								
120.1	148.5		Felsic Volcanic								
148.5	159.3		Felsic Volcanic								
159.3	197.4		Mafic Volcanic								
197.4	203.0		Mafic Intrusive								
203.0	228.6		Mafic Volcanic								
228.6	240.0		Mafic Intrusive								
	240.0		End of Hole								

COMMENTS

Diamond Drill Log

Property: <u>Halfmoon Lake</u>	Hole Number: <u>HM00-39</u>	Claim Number: <u>P1190197</u>
Location: <u>L5300E/10018N</u>	Final Depth: <u>240 meters</u>	Logged By: <u>Robert Calhoun</u>
Azimuth: <u>Grid North (026°)</u>	Dates Drilled: <u>August 25-30, 2000</u>	Drilled By: <u>Colbert Drilling</u>
Dip: <u>-60°</u>	Dates Logged: <u>August 26-31, 2000</u>	Signature:  For <u>Bob Calhoun</u>

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0.0	14.1	Overburden casing									
14.1	23.9	Felsic Volcanic - Rhyolite -fine to generally medium grey to grey green with sericite as patches and foliation laminae. Upper part of unit is granular in appearance, pyroclastic becoming finer down hole to near cherty at lower contact. Very fine grained, pale grey bands at 23.6 m, irregular to contorted. Unit is quite massive with faint foliations. There are local sections of broken to crushed core including lower contact.									
23.9	38.3	Mafic Volcanic to Intrusive -fine to medium grained, green to grey green to pale apple green in epidotized sections. Epidote is as "net" patterns locally in fractures and pervasive over 10 cm. There are also small calcite veinlets to 2-3 mm, discontinuous to irregular. The unit is feldspar phyric with the feldspars saussauritized to pale green. Lower contact zone is broken to crushed including contact.									
38.3	120.1	Felsic Volcanic - Tuff -fine to medium grained, light to medium grey, weakly foliated. The unit contains several textures but is generally a lapilli tuff with lapilli to fragments of pale grey cherty rhyolite sub-rounded to 1.5 cm in size. Locally the abundance of these fragments lends a fragmental									

Diamond Drill Log

Hole # **HM00-39**

		Assays									
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		appearance to the unit. In addition there are small bands of cherty rhyolite and small sections of massive grey green tuff. Sericite is ubiquitous foliation related laminae to local patches of green yellow. Chlorite is highly variable and can occur as small patches but is generally fracture related.									
		59.3-60.4 -Mafic Dyke -dark brownish grey, highly broken to locally crushed, weakly magnetic. Upper contact 60° to core axis. Lower crushed.									
		70.8-73.45 - mineralized zone -this section is weakly mineralized with pyrrhotite, chalcopyrite and possible sphalerite <5% generally but including a semi-massive to massive section from 71.5-72.2m. Here the sulfides are massive fracture controlled to massive 72-72.2m. Chalcopyrite occurs as exsolutions in the pyrrhotite and sphalerite occurs as a fracture filling. Pyrite is minor. The host unit is foliated to banded at 67° to core axis.	8167	70.8	71.5	0.7	84	176	45	0.2	2
			8168	71.5	72.2	0.7	670	381	156	1.1	nil
			8169	72.2	73.45	1.25	55	52	3	0.4	2
		73.45-120.1 -medium grey green, sericitic granular felsic volcanic. Sericite content is variable but generally moderate to high, pervasive and as patches/veinlets. There are local sections of dark green to blackish chlorite as patches but can also be continuous as at 100-101m. The unit may in part be spherulitic(116m) or displaying curdy texture.									
120.1	148.5	Felsic Volcanic -fine grained, dark grey to blackish chloritized to medium grey green sericitic. The alteration intensity increases in this section with increased chlorite, dark green to blackish, as "veins", patches and foliation related laminae. Sericite rich sections as at 127-128.5m are predominately sericite veins. There are sub-rounded, siliceous medium grey nodules in this section, possible spherules. Locally there are sub-rounded lapilli or fragments observed over 1-2m, with some stretched along a foliation at 20° to core axis. Sericite increases in the lower contact zone 146.0-148.5m.									

Diamond Drill Log

Hole # **HM00-39**

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
148.5	159.3	Felsic Volcanic -fine grained, light grey green to green grey with yellow green sericite as "veins", patches and pervasive over 10-20cm. Chlorite is as patches to laminae. This section is foliated to laminated(banded) at 38° to core axis. This section contains minor sulfides to 3% locally appearing as euhedral pyrite at 151.1m becoming minor laminae to patches. 152.0-153.1 -minor to 3% pyrite with <1% red to red brown sphalerite. Local limonite staining. 153.1-154.3 -minor to 2% pyrite locally	8170 8171	152.0 153.1	153.1 154.3	1.1 1.2	16 13	49 169	22 9	0.2 0.2	nil nil
159.3	197.4	Mafic Volcanic -fine grained, dark green to blackish in chloritic sections. The unit is highly chloritized with chlorite occurring as "veins' patches and foliation laminae. The unit varies from massive to highly foliated to banded. Sulfides of mainly pyrite occur randomly as clusters and large cubes. Sericite occurs through the section as pale to medium green alteration. Some areas are essentially chlorite. The mix of chlorite, sericite alteration imparts a fragmental appearance locally as at 178.1-181.6m. Foliations are at 48° to core axis at 164m, 31° at 180m. Chalcopyrite was noted at 181.4m as minor grains.									
197.4	203.0	Mafic Intrusive -fine to medium grained, medium green to dark green with saussauritized feldspars.									
203.0	228.6	Mafic Volcanic -fine grained, dark green to blackish in highly chloritized sections. The chlorite is as veins imparting a pillowed appearance to the unit. The section is similar to the unit above. There are fragments within some of the core "pillow" selvages. The unit becomes amygduloidal towards the lower contact, calcite filled. The foliation in this section is 27° to core axis. Locally contorted. This may be the "stretching" direction of the small pillows.									

Diamond Drill Log

Hole # **HM00-39**

		Assays									
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
228.6	240.0	<p>Sulfides within the section are pyrite as minor local clots to grain accumulations and very minor cubes to <0.5cm.</p> <p>Mafic Intrusive -medium grained, dark green, massive with fine grained upper contact area to 231.0m. Epidote occurs as fracture fillings and locally with small quartz veins. Quartz and quartz/carbonate veins are as discontinuous veins and one vein was 5cm.</p> <p>End of Hole</p> <p>Acid Test</p> <p>90.0m -58°</p>									

Lithochemical Analyzes

Project: Halfmoon

Sample #	Hole #	from	to	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	TiO2 %	K2O %	MnO %	P2O5 %	LOI	Total
8373	HM00-39	33.5	33.6	49.55	15.38	10.05	4.42	10.70	4.34	0.78	0.05	0.21	0.12	4.03	99.70
8374	HM00-39	44.4	44.5	67.65	14.55	3.61	1.15	3.82	1.60	1.09	3.02	0.03	0.29	2.57	99.75
8375	HM00-39	75.3	75.4	75.07	13.15	2.17	0.04	2.71	0.08	0.13	3.79	0.01	0.03	2.42	99.79
8376	HM00-39	91.9	92.0	76.49	10.85	2.34	0.03	3.20	0.86	0.09	2.31	0.02	0.01	2.31	98.63
8377	HM00-39	115.9	116.0	70.71	15.70	2.13	0.04	3.31	1.24	0.10	3.77	0.02	0.01	2.61	99.83
8378	HM00-39	132.0	132.1	69.08	10.39	9.42	0.04	6.22	0.03	0.07	0.80	0.05	0.03	3.49	99.72
8379	HM00-39	154.6	154.7	80.72	9.41	2.34	0.06	1.02	0.19	0.13	3.03	0.01	0.01	2.04	99.14
8380	HM00-39	162.3	162.4	54.11	13.70	15.42	0.90	7.29	2.18	1.02	0.03	0.28	0.19	4.34	99.56
8381	HM00-39	174.6	174.7	48.21	14.16	16.54	0.69	12.23	0.01	0.84	0.01	0.25	0.14	6.55	99.71
8382	HM00-39	190.1	190.2	51.64	13.57	19.79	0.73	6.78	1.22	0.87	0.02	0.27	0.12	4.69	99.77
8383	HM00-39	212.9	213.0	60.80	13.29	10.57	0.89	6.13	3.12	1.02	0.09	0.17	0.13	3.25	99.54
8384	HM00-39	234.7	234.8	46.47	12.84	16.28	9.18	7.11	2.29	2.00	0.03	0.23	0.36	2.89	99.75

Project: Halfmoon

Sample #	Ba	Sr	Zr	Sc	Y	Be	Co	Cr	Cu	Ni	V	Zn	Rb	Nb
8373	20	60	60	35	20	4	40	235	5	110	230	45	0.01	10
8374	840	20	180	15	35	4	20	305	5	5	80	5	0.01	10
8375	960	10	120	5	65	4	5	400	5	5	30	5	0.01	20
8376	620	10	100	5	65	4	5	360	5	5	20	115	0.01	10
8377	1190	10	220	5	105	4	5	450	5	5	15	5	0.01	20
8378	260	10	160	5	90	4	15	320	5	5	20	35	0.01	10
8379	1040	10	170	5	65	4	5	290	5	5	15	15	0.01	10
8380	20	40	80	35	25	4	45	200	20	70	240	120	0.01	10
8381	10	10	70	35	20	4	60	115	5	105	235	115	0.01	10
8382	10	10	70	35	20	4	55	155	5	105	230	130	0.01	10
8383	40	20	90	35	25	4	45	165	5	65	245	120	0.01	10
8384	20	190	170	40	40	4	75	95	45	115	285	120	0.01	10

All elements in ppm's

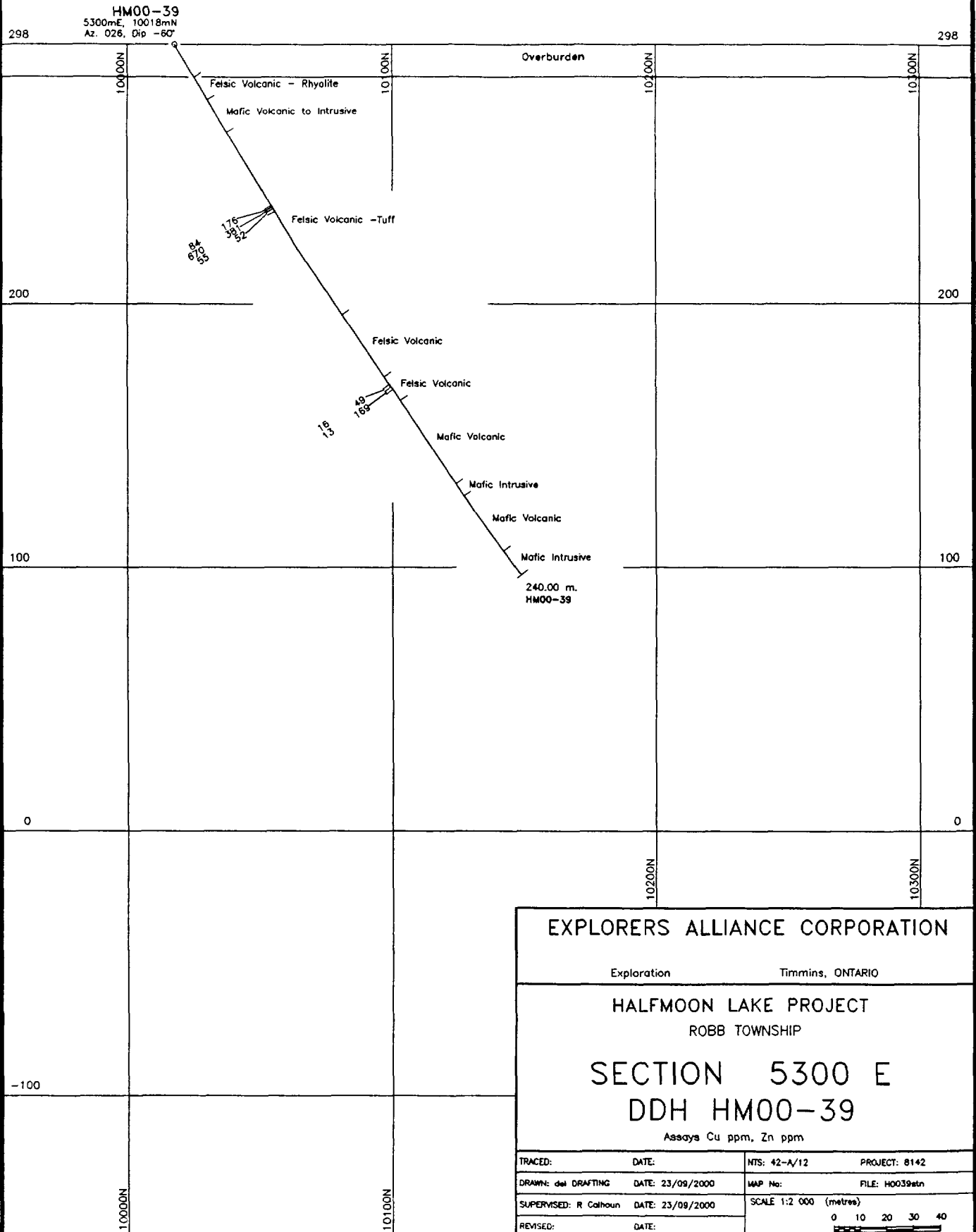
Project: Halfmoon

Sample #	Ishikawa	Chlorite Index	Zr/Y
8373	55.10	70.32	3.00
8374	71.32	72.99	5.14
8375	98.19	97.60	1.85
8376	86.09	86.16	1.54
8377	84.69	80.95	2.10
8378	99.01	99.55	1.78
8379	94.19	93.07	2.62
8380	70.38	88.06	3.20
8381	94.59	97.62	3.50
8382	77.71	93.16	3.50
8383	60.80	80.64	3.60
8384	38.37	67.10	4.25

** Ishikawa and Chlorite Index not calculated on samples with SiO₂ < 60%

1190197

Az. 026°



EXPLORERS ALLIANCE CORPORATION

Exploration Timmins, ONTARIO

HALFMOON LAKE PROJECT
ROBB TOWNSHIP

SECTION 5300 E
DDH HM00-39

Assays Cu ppm, Zn ppm

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: del DRAFTING	DATE: 23/09/2000	MAP No:	FILE: H0039.mtn
SUPERVISED: R Cathoun	DATE: 23/09/2000	SCALE 1:2 000 (metres)	
REVISED:	DATE:	0 10 20 30 40	

DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon Lake
Date: September 6 to 8, 2000
Logged by: Robert Calhoun
Drilling Co: Colbert Drilling

DDH: HM00-40

Claim Number: P 1190197

COLLAR LOCATION: L5375E/10068N

SURVEYS: Acid Test

UTM COORDINATES

GRID COORDINATES

	<u>Depth</u>	<u>Azimuth</u>	<u>Dip</u>
Setup:	<u>0.0m</u>	<u>026°</u>	<u>-50°</u>
	<u>122.1m</u>		<u>-47°</u>

Northing:	10068N
Easting:	5375E
Elevation:	0.0 meters
TD:	122.1 meters

DRILLING DATES

Started: September 6, 2000
Finished: September 8, 2000

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon Lake
 Date: September 6, 2000
 Logged By: R. F. Calhoun


DDH: HM00-40

GEOLOGIC SUMMARY

FROM		TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)			From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	155.5		Overburden								
15.5	22.5		Rhyolite								
22.5	45.9		Rhyolite Lapilli Tuff								
45.9	50.9		Mafic Intrusive								
50.9	63.3		Rhyolite lapilli Tuff								
63.3	71.8		Mafic Intrusive								
71.8	81.4		Felsic Lapilli Tuff/Fragmental								
81.4	89.8		Mafic Intrusive								
89.8	100.1		Felsic Volcanic								
100.1	102.1		Massive Sulfide/Felsic Tuff	100.1	102.1	2.0	1053	17006	158	2.5	65
102.1	122.1		Mafic Volcanic (pillowed?)								
	122.1		End of Hole								

COMMENTS

Diamond Drill Log

Property: <u>Halfmoon Lake</u>	Hole Number: <u>HM00-40</u>	Claim Number: <u>P1190197</u>
Location: <u>L5375E/10068N</u>	Final Depth: <u>122.1 meters</u>	Logged By: <u>Robert Calhoun</u>
Azimuth: <u>026° Grid North</u>	Dates Drilled: <u>Sept. 6-8, 2000</u>	Drilled By: <u>Colbert Drilling</u>
Dip: <u>-50°</u>	Dates Logged: <u>Sept. 7-9, 2000</u>	Signature:  <i>For Bob Calhoun</i>

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0.0	15.5	Overburden									
15.5	22.5	Rhyolite -fine grained, light to medium grey to grey green. Unit begins with massive featureless rhyolite. Lower section is more tuffaceous in nature with cherty rhyolite, banded with sericite defining the foliation at 50° to core axis. Unit contains pyrite, pyrrhotite and chalcopyrite as noted below. 18.2-18.9 -tuffaceous with nodules and lenticular clots of dark chlorite containing 5-8% pyrite and disseminated pyrrhotite as 1-2mm grains to 10%. 18.9-19.5 -cherty rhyolite light grey hard with 40% massive sulfides of pyrite/pyrrhotite and 1% chalcopyrite as small grains and elongated small clusters/ veinlets. 19.5-20.1 -cherty rhyolite with sericite and 1-2% pyrite	8172 8173 8174	18.2 18.9 19.5	18.9 19.5 20.1	0.7 0.6 0.6	160 1680 129	61 57 368	47 90 52	0.1 0.3 0.1	7 14 3
22.5	45.9	Rhyolite Lapilli Tuff -fine grained, medium grey with lapilli dark grey green and light grey. Chlorite is as "spots" and clots, dark green to blackish. There are local quartz veins small <1-2 cm wide as at 34.5m. One larger white vein at 29.2-29.3m. 27.0-32.8 -fine grained, light to medium grey green sericitic, locally mineralized with pyrite 5-8% as euhedral grains and disseminated "dust"	8175	30.4	31.9	1.5	40	26	1	0.1	5

Diamond Drill Log

Hole # **HM00-40**

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
45.9	50.9	Mafic Intrusive -fine to medium grained, medium green, epidotized, in bands and as fracture fillings. The unit has white specks, possible leucoxene and is locally broken to crushed. Upper and lower contacts are crushed									
50.9	63.3	Rhyolite Lapilli Tuff -fine grained, medium to dark grey green as above with dark lapilli and light grey sub angular lapilli. Locally there is minor sericite. Chlorite is as elongated "spots" and clots stretched on foliation at 51° to core axis. Unit becomes finer, lapilli/fragments are smaller towards lower contact, fine grained matrix at lower contact, at 56° to core axis.									
63.3	71.8	Mafic Intrusive -fine grained, upper contact zone, to 64.4m becomes gradually coarser to medium grained with shorter fine grained section near lower contact(30 cm). The unit is light to medium green to apple green where epidotized. The epidote is as fracture fillings locally pervasive. There are abundant white specks possible leucoxene. Feldspars are weakly saussauritized. There are two quartz veins 5-7cm in length. The lower vein 69.9m has associated pyrrhotite as large clots to 2cm and the lower contact of the vein has a 2cm wide chlorite vein. Other small quartz veins a <0.5cm dark grey with minor sulfides. The unit is non magnetic. There are small discontinuous pyrite veinlets at lower contact. Contact is 56° upper, 37° lower to core axis.									
71.8	81.4	Felsic Lapilli Tuff/Fragmental -fine grained, medium grey matrix containing heterolithic lapilli to fragments pale grey cherty, dark green chloritic and medium grey as in above unit. As with the upper unit, the contact areas are finer grained and contain no fragments. Sericite occurs on foliations, medium green. Contacts maybe baked by intrusive?									

Diamond Drill Log

Hole # **HM00-40**

				Assays							
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
81.4	89.8	Mafic Intrusive -as above with short fine grained sections - 30cm upper contact, 60cm at lower contact. Contacts are at 50° upper, 36° lower to core axis.									
89.8	100.1	Felsic Volcanic -fine to medium grained, medium to locally dark green grey to grey green with less abundant lapilli fragments than in the units above. Unit is sericitic as well as chloritic and is more highly altered than above. Unit may in part be spherulitic as at 95.2m. Unit contains pyrite in semi-massive bands and as fracture fillings especially near lower contact. Sulfides are noted below. 95.5-95.6 -2cm wide vein of pyrite at 30° to core axis. 98.6-100.1 -15-25% pyrite as semi massive bands to 10cm wide and as fracture fillings. There is minor sphalerite, trace chalcopryite.	8176	98.6	99.6	1.0	41	134	18	0.2	15
			8177	99.6	100.1	0.5	262	584	8	0.2	17
100.1	102.1	Massive Sulfide/Felsic Tuff -tuff is highly altered, fine grained. Sulfides are banded to bedded pyrite fracture filling pyrite and disseminations. The pyrite contains 1-2% sphalerite over 2-4cm sections and local chalcopryite especially towards lower contact. Banding in sulfides is at 42° to core axis. The pyrite ranges from very fine grained to medium grained in the banded sections. Sulfides are 30-40% of section, massive over 8-10cm. Lower contact is at 56° to core axis.	8178	100.1	101.2	1.1	1640	27100	261	3.8	69
			8179	101.2	102.1	0.9	335	4670	33	1.0	60
102.1	122.1	Mafic Volcanic(pillowed?) -fine grained, light grey beige to dark green in chlorite sections. This unit is highly altered with sericite dominant with carbonate and chlorite generally as "veins" 1-2cm wide but also as pervasive sections. The distribution of chlorite suggests the unit is a pillowed mafic flow with pillow selvages marked by chlorite. The unit is amygduloidal locally with the amygdules stretched on foliation at 44° to core axis.									

Diamond Drill Log

Hole # **HM00-40**

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
	122.1	End of Hole Acid Test 122.1 -47°									

Lithogeochemical Analyzes

Project: Halfmoon

Sample #	Hole #	from	to	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	TiO2 %	K2O %	MnO %	P2O5 %	LOI	Total
8385	HM00-40	28.2	28.3	68.86	15.95	1.68	0.24	1.76	5.57	0.38	3.33	0.01	0.01	1.62	99.58
8386	HM00-40	43.1	43.2	66.11	13.71	6.42	0.29	4.73	2.92	0.30	1.95	0.04	0.01	2.87	99.43
8387	HM00-40	47.8	47.9	44.51	13.12	17.65	9.18	6.77	1.95	2.25	0.04	0.29	0.37	3.57	99.82
8388	HM00-40	60.4	60.5	70.31	13.46	5.03	0.13	3.48	0.09	0.28	3.73	0.02	0.02	2.75	99.47
8389	HM00-40	70.2	70.3	41.81	14.11	17.74	10.42	6.77	2.26	2.26	0.06	0.27	0.39	3.38	99.61
8390	HM00-40	78.2	78.3	68.19	14.22	6.43	0.23	2.57	0.19	0.31	4.26	0.05	0.03	2.82	99.50
8391	HM00-40	104.0	104.1	46.77	15.22	18.37	0.44	11.04	0.01	0.91	0.28	0.22	0.08	6.25	99.67
8392	HM00-40	118.6	118.7	47.35	16.71	14.00	0.18	11.83	0.02	1.22	1.48	0.15	0.11	6.55	99.71

Project: Halfmoon

Sample #	Ba	Sr	Zr	Sc	Y	Be	Co	Cr	Cu	Ni	V	Zn	Rb	Nb
8385	920	10	470	10	110	5	<5	5	<5	<5	25	<5	0.01	40
8386	610	10	350	5	75	<5	10	<5	<5	<5	25	15	<0.01	20
8387	20	140	180	45	45	5	70	20	45	65	335	245	<0.01	10
8388	1140	10	280	5	75	<5	10	10	<5	5	30	<5	0.01	20
8389	70	170	190	45	45	5	70	45	35	70	340	100	<0.01	10
8390	1340	10	360	5	65	<5	5	10	<5	5	20	10	0.01	10
8391	70	10	70	35	20	<5	55	80	<5	130	265	85	<0.01	<10
8392	270	10	90	45	20	<5	60	100	<5	100	345	40	<0.01	<10

All elements in ppm's

HM00-40

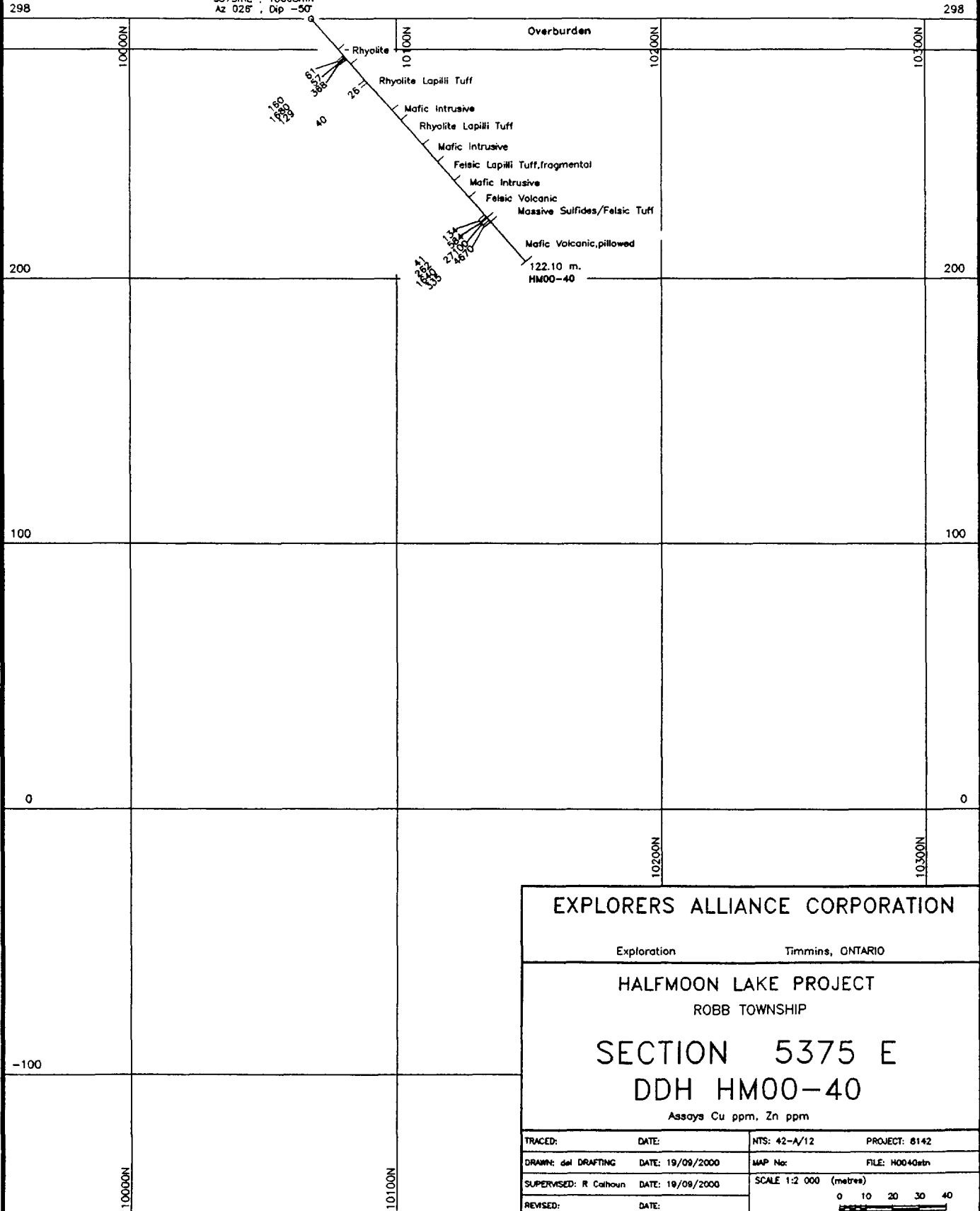
Project: Halfmoon

Sample #	Ishikawa	Chlorite Index	Zr/Y
8385	46.70	37.19	4.27
8386	67.54	77.65	4.67
8387	37.96	68.69	4.00
8388	97.04	97.48	3.73
8389	35.01	65.90	4.22
8390	94.21	95.54	5.54
8391	96.18	98.49	3.50
8392	98.52	99.23	4.50

Az. 026°

1190197

HM00-40
5375mE : 10068mN
Az 026° : Dip -50°



EXPLORERS ALLIANCE CORPORATION

Exploration Timmins, ONTARIO

HALFMOON LAKE PROJECT
ROBB TOWNSHIP

SECTION 5375 E
DDH HM00-40

Assays Cu ppm, Zn ppm

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: del DRAFTING	DATE: 19/09/2000	MAP No:	FILE: H004deln
SUPERVISED: R Calhoun	DATE: 19/09/2000	SCALE 1:2 000 (metres)	
REVISED:	DATE:	0 10 20 30 40	

DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon Lake
Date: September 8 to 10, 2000
Logged by: Robert Calhoun
Drilling Co: Colbert Drilling

DDH: HM00-41

Claim Number: P 1190197

COLLAR LOCATION: L5425E/10075N

SURVEYS: Acid Test

UTM COORDINATES

GRID COORDINATES

	<u>Depth</u>	<u>Azimuth</u>	<u>Dip</u>
Setup:	<u>0.0</u>	<u>026°</u>	<u>-50°</u>
	<u>90.0m</u>		<u>-45°</u>

Northing:	10075N
Easting:	5425E
Elevation:	0.0 meters
TD:	93.0 meters

DRILLING DATES

Started: September 8, 2000
Finished: September 10, 2000

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon Lake
 Date: September 8, 2000
 Logged By: R. F. Calhoun

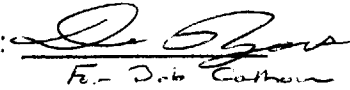
DDH: HM00-41

GEOLOGIC SUMMARY

FROM		TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)			From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	17.8		Overburden								
17.8	44.0		Felsic Volcanic Tuff								
44.0	58.9		Felsic Volcanic Tuff								
58.9	59.6		Massive Sulfides	58.9	61.9	3.0	989	54391	2389	24.9	335
59.6	60.0		Massive Sulfides								
60.0	60.9		Chloritized Tuff								
60.9	61.9		Massive Sulfides/Tuff								
61.9	75.0		Mafic Volcanic								
75.0	88.7		Mafic Volcanic								
88.7	93.0		Diabase Dyke								
	93.0		End of Hole								

COMMENTS

Diamond Drill Log

Property: <u>Halfmoon</u>	Hole Number: <u>HM00-41</u>	Claim Number: <u>P1190197</u>
Location: <u>L5425E/10075N</u>	Final Depth: <u>93.0 meters</u>	Logged By: <u>Robert Calhoun</u>
Azimuth: <u>026°</u>	Dates Drilled: <u>Sept. 8-10, 2000</u>	Drilled By: <u>Colbert Drilling</u>
Dip: <u>-50°</u>	Dates Logged: <u>Sept. 10, 2000</u>	Signature:  <i>Robert Calhoun</i>

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0.0	17.8	Overburden									
17.8	44.0	<p>Felsic Volcanic Tuff -fine grained, light to medium grey matrix hosting heterolithic lapilli to fragments ranging from white to pale grey to dark green. These lapilli are subangular and are quite coarse especially in the upper section to 25m. In this section, the lapilli sized fragments are up to 1.5cm weakly oriented on the foliations. The grey fragments are occasionally zoned(bleached edges), the whitish fragments can be porphyritic and the dark green fragments are soft and chloritic.</p> <p>25.0-44.0 -unit continues to contain fragments but they are generally smaller and are elongated along foliation. There are occasional larger fragments and <1m bands of coarser material as above. There is foliation related chlorite and sericite. Foliation is well defined at 44° to core axis. The lower part of the section appears to be comprised of fragments flattened and stretched. The unit is devoid of mineralization.</p>									
44.0	58.9	<p>Felsic Volcanic Tuff -fine grained, medium to dark grey to grey green. This unit is probably fine ash with occasional small areas with fragments, medium grey siliceous. The unit is well foliated as above at 46° to core axis. Chlorite is the most abundant</p>	8180 8181	52.0 54.0	52.6 55.5	0.6 1.5	29 26	120 175	7 9	0.2 1.0	2 48

Diamond Drill Log

Hole # **HM00-41**

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		alteration making the unit. Sericite increases in lower half of the unit. Sulfides are pyrite as widely spaced veinlets of two types -fine dusty pyrite darker in colour and semi-massive veinlets of grains euhedral, lighter in colour. There are random widely spaced quartz veins <1cm wide, generally white. 50.7-54.0 -3-5% pyrite in veinlets <2cm wide as the dusty veinlets described above. 54.0-55.5 -5-10% pyrite of both types of veinlets 55.5-58.9 -chloritized tuff with minor sericite. Lower contact is essentially chlorite. Contact is at 36° to core axis.									
58.9	59.6	Massive Sulfides -fine grained to medium grained pyrite, finely banded with red brown to tan sphalerite to 20%, <1% chalcopyrite and minor quartz. Local medium grained euhedral pyrite.	8182	58.9	59.6	0.7	4840	173900	346	20.3	387
59.6	60.0	Massive Sulfides -medium to fine grained pyrite with chalcopyrite as clots and elongated masses to 5% chalcopyrite. The end 5cm is a quartz vein with scattered sulfides	8183	59.6	60.0	0.4	59000	7440	492	103.4	653
60.0	60.9	Chloritized tuff -fine grained, medium to dark green, soft with minor quartz veining. Scattered chalcopyrite occurs near upper contact as end of above section.	8184	60.0	60.9	0.9	1150	851	19	2.4	24
60.9	61.9	Massive Sulfides/Tuff -fine grained pyrite in massive veins with 3-5% sphalerite separated by chloritized tuff with local clots of massive pyrite and minor chalcopyrite. The sulfides occur as massive veinlets to veins at 61.0-61.25m and 61.5-61.9m. The massive sulfides are 55% of the section.	8185	60.9	61.9	1.0	1670	37700	6710	16.9	451
61.9	75.0	Mafic Volcanic - fine grained, colour is variable from beige brown to grey beige to dark green. These colour changes occur as "pseudolayering" due to variable alteration of									

Diamond Drill Log

Hole # **HM00-41**

							Assays				
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		sericite/carbonate and chlorite. Overall the unit is beige creamy coloured. There are minor random glassy to white quartz veins <2cm in width. Locally the unit appears amygduloidal with darker grey amygdules flattened to sub rounded. The upper contact is at 27° to core axis while the foliation in the unit is at 38° to core axis. Sulfides of pyrite are minor as 2-3mm cubes and minor discontinuous veinlets(trace to minor).									
75.0	88.7	<p>Mafic Volcanic -fine grained, generally dark green to blackish with lesser beige cream sections. This unit is as above except that chlorite is the dominant alteration. Unit is increasingly darker down section. Amygdaloidal sections are as above, less frequent, less distinct due to colour similarities and there are occasional larger amygdules as at 75.8-76.5m. Quartz veins are smaller <2mm again infrequent but can be up to 2cm.</p> <p>85.0-88.7 -unit becomes weakly siliceous and possibly baked due to dyke following</p>									
88.7	93.0	<p>Diabase Dyke -fine grained chilled margin to 90.5m dark green grey to medium grained down hole. The unit is broken to locally crushed. Unit is magnetic, strongly over 1m sections especially near upper contact. Upper contact 38° to core axis.</p>									
	93.0	<p>End of Hole</p> <p>Acid Test</p> <p>90m -45°</p>									

Az. 026°

1190197

HM00-41
5425mE . 10075mN
AZ 026° . Dip -50°

298

298

200

200

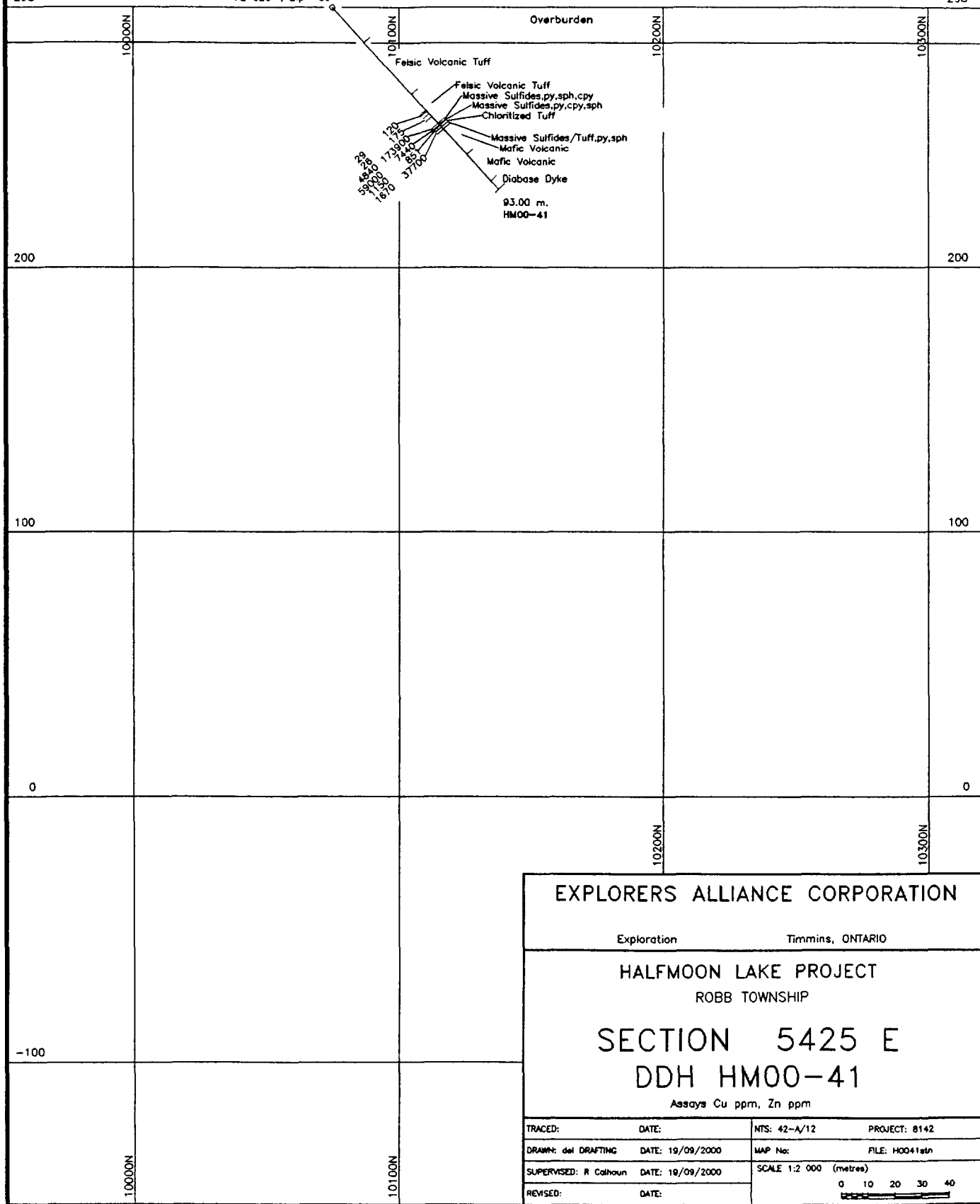
100

100

0

0

-100



EXPLORERS ALLIANCE CORPORATION			
Exploration		Timmins, ONTARIO	
HALFMOON LAKE PROJECT			
ROBB TOWNSHIP			
SECTION 5425 E			
DDH HM00-41			
Assays Cu ppm, Zn ppm			
TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: del DRAFTING	DATE: 19/09/2000	MAP No:	FILE: H0041.stn
SUPERVISED: R Calhoun	DATE: 19/09/2000	SCALE 1:2 000 (metres)	
REVISED:	DATE:	0 10 20 30 40	

DIAMOND DRILL CORE LOG-SUMMARY SHEET

Project: Halfmoon Lake
Date: September 10 to 19, 2000
Logged by: Robert Calhoun
Drilling Co: Colbert Drilling

DDH: HM00-42

Claim Number: P1190197

COLLAR LOCATION: L5265E/10060N

SURVEYS: Acid Test

TIMMINS COORDINATES

GRID COORDINATES

	<u>Depth</u>	<u>Azimuth</u>	<u>Dip</u>
Setup:	0.0m	026°	-50°
	129.0m		-49°
	201.0m		-47°

Northing:	10060N
Easting	5265E
Elevation: 0.0 meters	
TD: 231.0 meters	

DRILLING DATES

Started: September 10, 2000
Finished: September 19, 2000

DIAMOND DRILL SUMMARY LOG

Project: Halfmoon Lake
 Date: September 10 to 19, 2000
 Logged By: R. F. Calhoun

DDH: HM00-42

GEOLOGIC SUMMARY

FROM		TO	DESCRIPTION	INTERVAL			SIGNIFICANT ASSAY AVERAGES				
(m)	(m)			From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	15		Overburden								
15.0	47.8		Felsic Volcanic Tuff								
47.8	48.55		Dyke								
48.55	63.1		Felsic Volcanic Tuff								
63.1	80.1		Felsic Volcanic Tuff								
80.1	102.0		Felsic Volcanic Tuff								
102.0	106.0		Felsic Volcanic Tuff								
106.0	112.2		Felsic Volcanic Lapilli Tuff								
112.2	113.0		Massive Pyrite	111.5	113.3	1.8	3043	13829	43	1.7	13
113.0	114.1		Felsic Volcanic Lapilli Tuff								
114.1	122.8		Mafic Volcanic (pillowed)								
122.8	138.8		Mafic Intrusive								
138.8	141.0		Mafic Volcanic/Sulfides								
141.0	143.8		Mafic Volcanic								
143.8	145.3		Semi to Massive Sulfides								
146.3	155.1		Mafic Volcanic/Sulfides								
155.1	157.7		Mafic Volcanic/Sulfides								
157.7	195.2		Mafic Volcanic								
195.2	209.9		Mafic Intrusive								
209.9	218.4		Felsic Volcanic								
218.4	231.0		Mafic Volcanic(pillowed?)								
	231.0		End of Hole								

COMMENTS

Diamond Drill Log

Property: Halfmoon Lake

Hole Number: HM00-42

Claim Number: P1190197

Location: L5265E/10060N

Final Depth: 231.0 meters

Logged By: Robert Calhoun

Azimuth: 026° Grid North

Dates Drilled: September 10 to 19, 2000

Drilled By: Colbert Drilling

Dip: -50°

Dates Logged: September 12 to 19, 2000

Signature: 
For Robert Calhoun

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0.0	15.0	Overburden									
15.0	47.8	<p>Felsic Volcanic Tuff -fine grained, medium grey to grey green matrix. The unit is comprised of sand sized tuff with variable percentages of lithic fragments ranging from small <5mm lapilli to 1cm pebbles. The dominant feature of this unit is the degree of sericitization. The sericite can be pervasive over sections up to 30cm but generally occurs as "veins".</p> <p>15.0-31.0m -felsic Tuff, sandy textured, sericitic</p> <p>31.0-39.0m -coarser lapilli tuff with fragments light grey to cherty to medium grey of similar composition as base unit.</p> <p>39.0-47.8m -the sericitization here is intense making original textures hard to distinguish. There are large >1-3cm "clasts" supported in a fine sericite matrix. In addition, there are <2mm generally <1mm spots of chlorite within sericite 39.0-43.0m. Foliation is not well developed but appears to be 15°-20° to core axis. Crushed broken 39.5-41.5m possible fault zone.</p>									
47.8	48.55	<p>Dyke -fine grained diabase dyke with carbonate fracture fillings. Upper contact crushed, lower contact 30° to core axis.</p>									

Diamond Drill Log

Hole # HM00-42

		Assays									
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
122.8	138.8	with dark grey amygdules sub rounded. Upper contact is crushed, marked by quartz vein. Foliation 36° to core axis. Mafic Intrusive -fine grained contacts to medium grained, medium green, weakly epidotized with possible leucoxene. The unit is quite massive, featureless. Lower contact 48° to core axis.									
138.8	141.0	Mafic Volcanic/Sulfides -fine grained, grey to beige contact metamorphosed with possible pillows and pillow breccia. The unit has been highly altered with silicification possible albitization. The section contains 20-25% pyrite as coarse grains, clots of fine pyrite locally shattered and fracture controlled coarser grains. There is possible light sphalerite, chalcopyrite is minor to trace.	8197 8198 8199	138.8 139.8 140.5	139.8 140.5 141.2	1.0 0.7 0.75	47 163 169	57 40 57	6 22 1	0.2 1.7 0.4	3 48 33
141.0	143.8	Mafic Volcanic -fine grained, light to medium grey green with dark green chloritic patches. The upper part of this unit has weaker alteration than the above but is somewhat more fragmental in appearance. This section has mainly disseminated pyrite 3-5% as coarser grains and minor discontinuous veinlets.	8200 8207	141.2 1428	142.8 143.8	1.55 1.0	8 52	94 86	1 6	0.2 0.7	nil 24
143.8	146.3	Semi Massive Sulfides -this section is >75% massive pyrite, generally fine grained with local coarse grained sections. The sulfides do not appear to have a preferential banding/layering. Sphalerite, if present, is minor, chalcopyrite was noted as grains <0.5% 145.8-146.3 -sulfides as massive veinlets but are 15% of section.	8208 8209 8210	143.8 144.8 145.8	144.8 145.8 146.3	1.0 1.0 0.5	265 139 4330	102 112 219	30 42 9	2.6 3.3 2.1	116 144 39
146.3	155.1	Mafic Volcanics/Sulfides -fine grained, medium to dark green, highly chloritized, foliated increasing down section to chlorite schistose. The pyrite in this section is again massive fine to coarse grained bands to fracture fillings. The sulfide	8211 8212 8213	148.2 149.7 154.6	149.7 150.7 155.1	1.5 1.0 0.5	2750 580 18300	6170 1050 6960	28 20 76	3.6 1.3 6.3	62 62 26

Diamond Drill Log

Hole # HM00-42

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		bands are massive over 10-20cm and up to 50cm, see below. The chalcopyrite in this zone is as grains and locally stringers. The best stringer is at 154.7m where chalcopyrite is 4-5% over 20cm. Foliation 38° to core axis. 148.2-150.7 -60% pyrite as massive bands, fracture filling bands with chalcopyrite noted <0.5% 150.7-155.1 -pyrite <5% as scattered massive bands and minor disseminations. Chalcopyrite 154.7-154.9m in "chlorite vein".									
155.1	157.7	Mafic Volcanic/Sulfides -fine grained, grey green to brownish overcast weakly sericitic, chlorite bands infrequent and fracture vein controlled pyrite and massive bands. Pyrite is fine to medium grained in semi massive sections and coarse in massive veins. Chalcopyrite noted.	8214 8215	155.1 156.5	156.5 157.7	1.4 1.2	150 104	1790 197	8 19	1.1 3.2	22 27
157.7	195.2	Mafic Volcanics -fine grained, medium grey green to green to dark green in chlorite rich sections. The unit is amygduloidal with dark probable chlorite filled amygdules and calcite filled amygdules. The unit appears pillowed with pillow breccia frequent as breccia fragments to 5-10cm. Pillow selvages are marked by chlorite. Sericite alteration is variable but appears to increase down section. Sulfides of pyrite occur as scattered accumulations over 10-60cm as disseminations and infrequently as massive veinlets to 5cm. There is a disseminated zone from 172.1-172.7m containing 10-15% pyrite minor pyrrhotite and chalcopyrite was noted. Chalcopyrite occurs infrequently through the section, mainly as fine grains in chlorite. Foliations 36° to core axis. Lower contact has a quartz vein with disseminated grains of chalcopyrite to 2%. Contact 36° to core axis.	8216 8217	164.0 172.1	164.7 172.7	0.7 0.6	154 626	96 181	1 44	0.4 0.7	2 9
195.2	209.9	Mafic Intrusive -fine grained contacts, medium grained for remainder with white specks leucosene or feldspars to 1mm maximum, unit is massive, featureless with one									

Diamond Drill Log

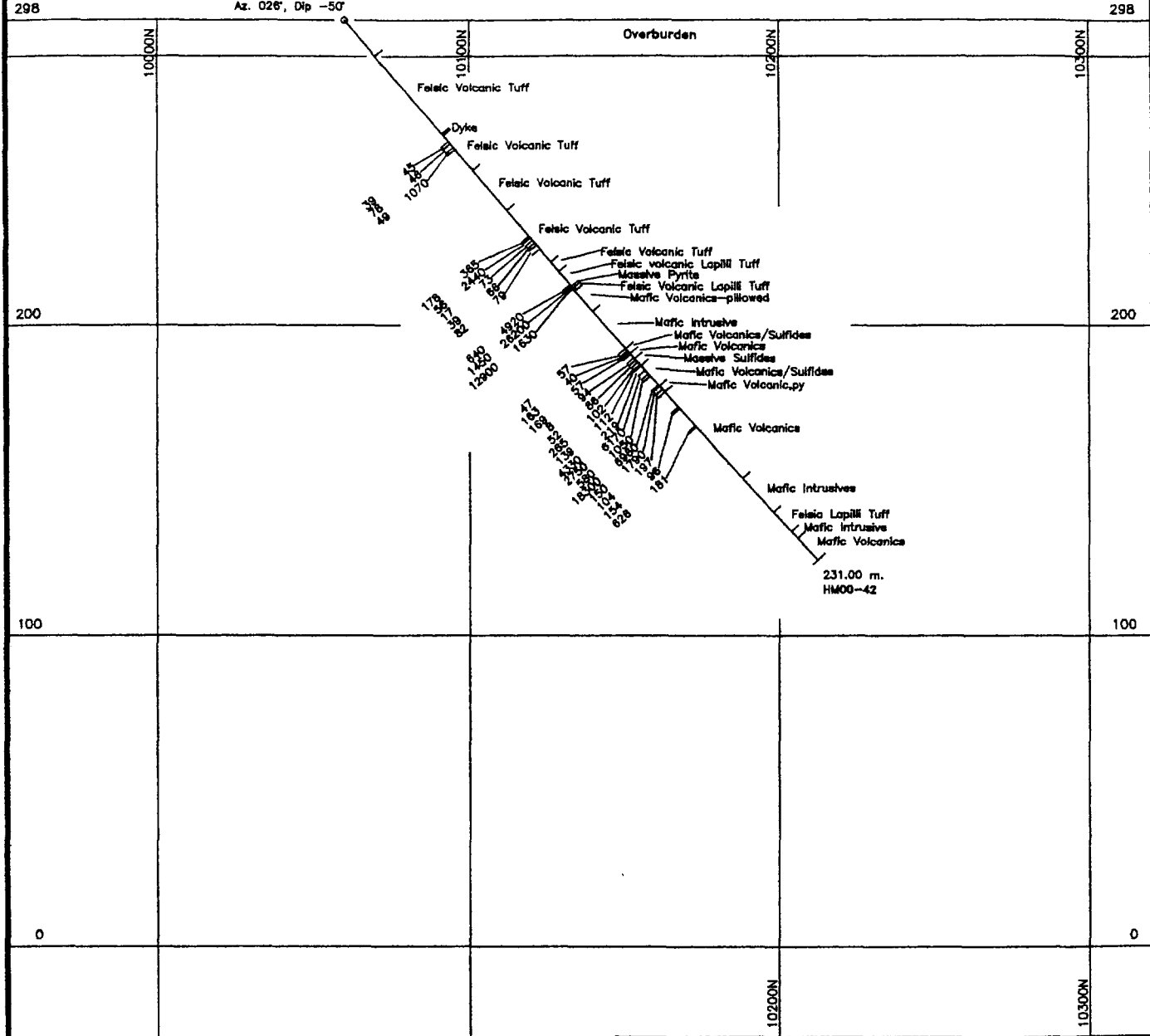
Hole # HM00-42

Assays											
From	To	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		internal fine grained section at 202.8-203.5 contacts are 20° to core axis, chlorite slips probable mafic as above. There is minor epidote spread randomly as fracture fillings. Lower contact crushed.									
209.9	218.4	Felsic Volcanic -fine to medium grained. Medium grey to grey green, chlorite and sericite. This unit is probably a felsic tuff with some lapilli sized fragments. Weakly foliated at 42° to core axis. Minor to trace sulfide of pyrite. There is minor chalcopyrite with a small quartz vein at lower contact.									
218.4	221.4	Mafic Intrusive -as above with contacts 38° (upper) and 33° (lower) to core axis									
218.4	231	Mafic volcanic (pillowed?) -fine grained, medium to dark green where chloritized, pale green in increased sericite. The unit is probably pillowed with amygduloidal pillow selvages. Filled with carbonate and possible feldspars. Pillow selvages are marked by chlorite and there are sericitic fragments giving the unit a fragmental appearance.									
	231.0	End of Hole									
		Acid Test									
		129.0m -49°									
		201.0m -47°									

Az. 026°

1190197

HM00-42
5265mE, 10080mN
Az. 026°, Dip -50°



EXPLORERS ALLIANCE CORPORATION

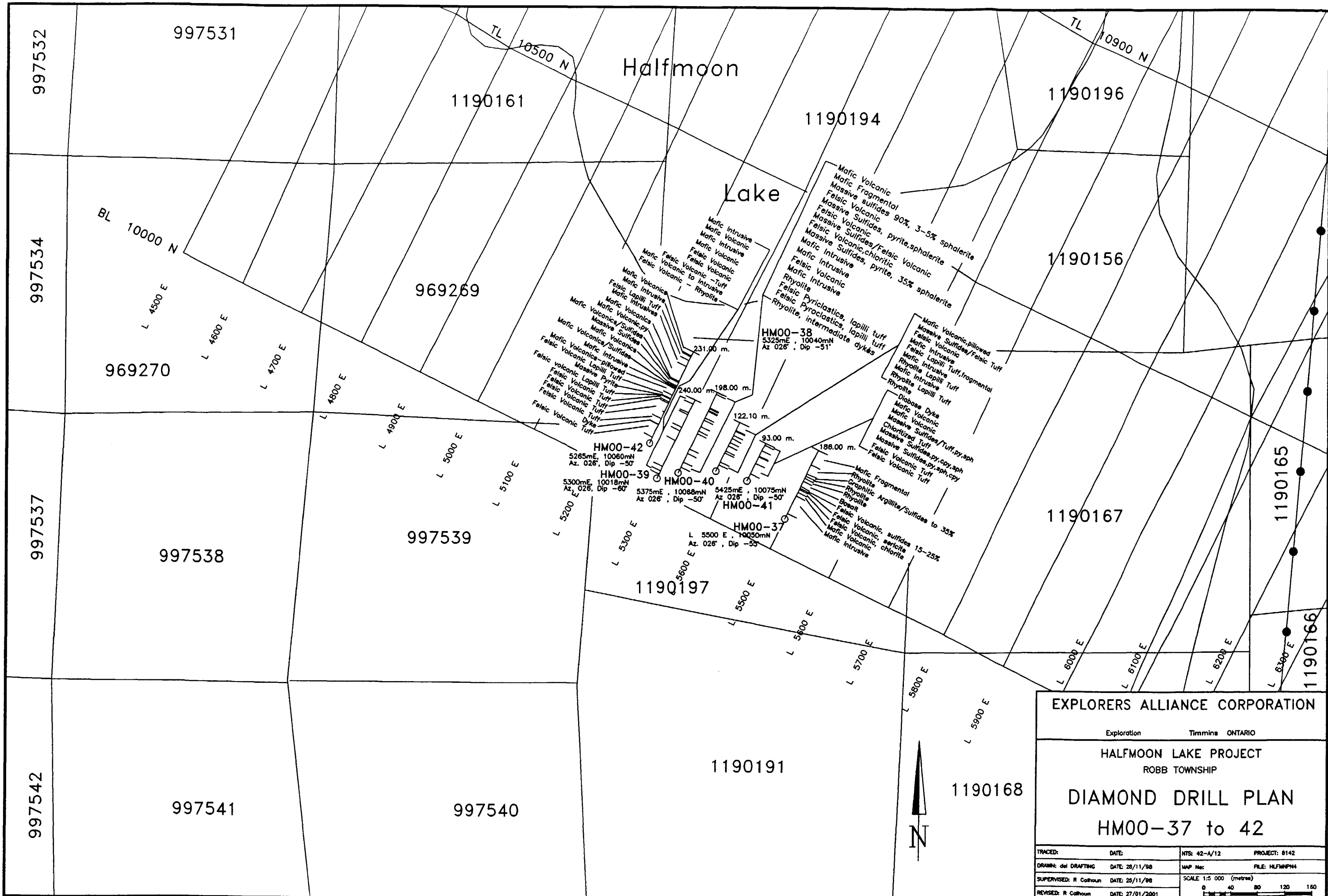
Exploration Timmins, ONTARIO

HALFMOON LAKE PROJECT
ROBB TOWNSHIP

SECTION 5265 E
DDH HM00-42

Assays Cu ppm, Zn ppm

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 6142
DRAWN: dal DRAFTING	DATE: 23/08/2000	MAP No:	FILE: H0042a.m
SUPERVISED: R Colhoun	DATE: 23/08/2000	SCALE 1:2 000 (metres)	
REVISED:	DATE:	0 10 20 30 40	



EXPLORERS ALLIANCE CORPORATION

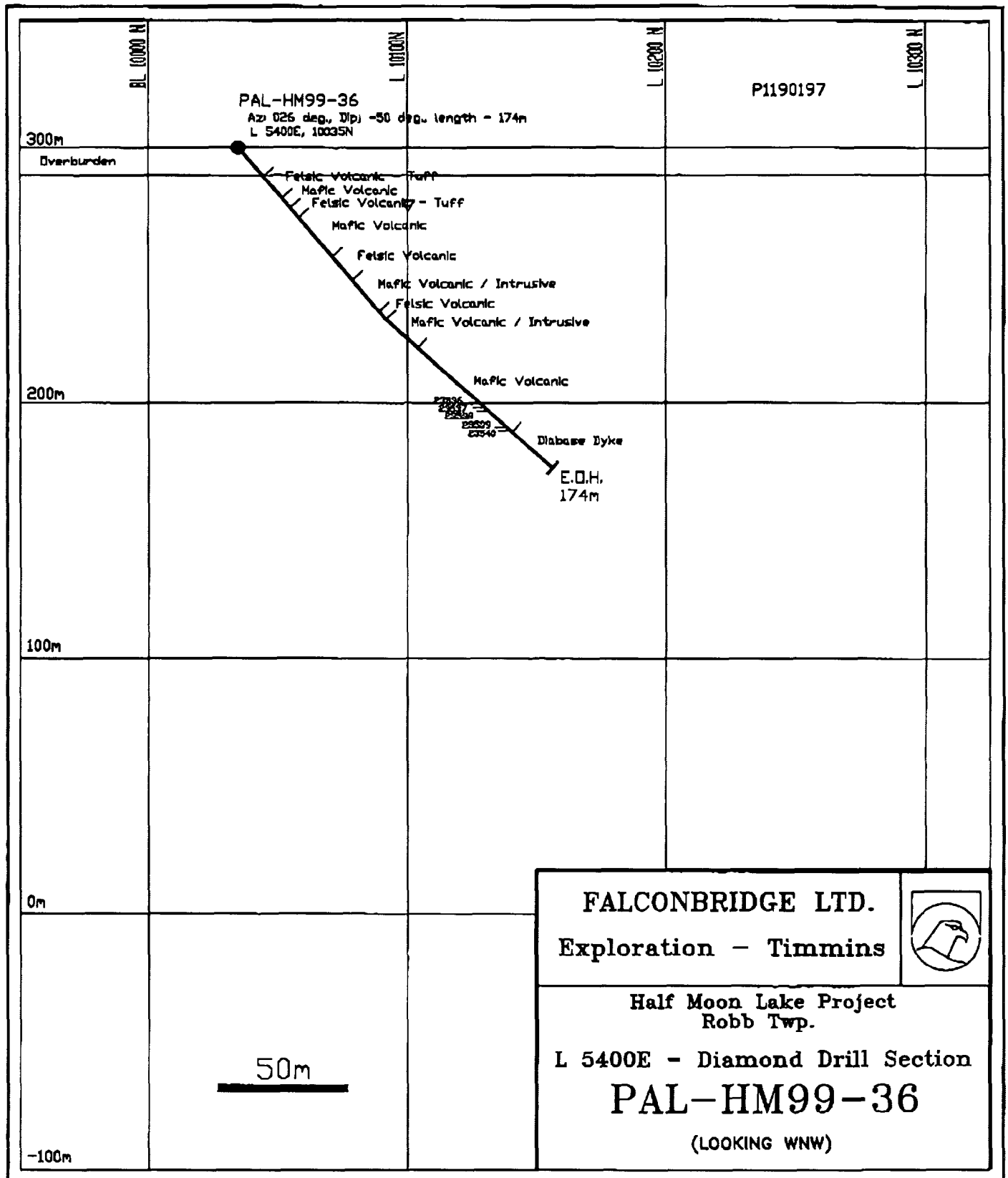
Exploration Timmins ONTARIO

HALFMOON LAKE PROJECT
ROBB TOWNSHIP

DIAMOND DRILL PLAN
HM00-37 to 42

TRACED:	DATE:	NTS: 42-A/12	PROJECT: 8142
DRAWN: del DRAFTING	DATE: 28/11/98	MAP No:	FILE: HLFMNP44
SUPERVISED: R Colthoun	DATE: 28/11/98	SCALE 1:5 000 (metres)	
REVISED: R Colthoun	DATE: 27/01/2001		





Work Report Summary

Transaction No: W0460.00806 Status: APPROVED
 Recording Date: 2004-MAY-28 Work Done from: 1999-MAY-29
 Approval Date: 2004-JUN-04 to: 2000-SEP-20

Client(s):
 130679 FALCONBRIDGE LIMITED
 146892 HUOT, JOHN PETER



Survey Type(s):
 ASSAY PDRILL 42A12SE2022 2.27741 ROBB

900

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
P 969269	\$6,227	\$6,227	\$0	\$0	\$6,227	6,227	\$0	\$0	2005-JUN-22
P 997533	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-22
P 997534	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-22
P 997535	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-22
P 997536	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-22
P 997537	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-22
P 997538	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-22
P 997539	\$1,556	\$1,556	\$0	\$0	\$1,556	1,556	\$0	\$0	2005-JUN-22
P 997540	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-22
P 1116298	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUL-13
P 1189497	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1189498	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1189499	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1189509	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1189869	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JUN-02
P 1190102	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JUN-02
P 1190117	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JUN-08
P 1190118	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
P 1190122	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190123	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190130	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190131	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190133	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190134	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190135	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190136	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190137	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190139	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190140	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190143	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190144	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190154	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190156	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190157	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03

Work Report Summary

Transaction No: W0460.00806 Status: APPROVED
 Recording Date: 2004-MAY-28 Work Done from: 1999-MAY-29
 Approval Date: 2004-JUN-04 to: 2000-SEP-20

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
P 1190158	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190162	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190164	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190165	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190166	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190167	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190168	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190170	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190171	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190176	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JUN-01
P 1190191	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190192	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JUN-03
P 1190194	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190196	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190197	\$44,107	\$44,107	\$0	\$0	\$15,417	15,417	\$28,690	\$28,690	2005-JUN-01
P 1190245	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-02
P 1190246	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190248	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-02
P 1190251	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-01
P 1190255	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-03
P 1190331	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-15
P 1190332	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-15
<hr/>									
	\$51,890	\$51,890	\$23,200	\$23,200	\$23,200	\$23,200	\$28,690	\$28,690	

External Credits: \$0

Reserve:

\$28,690	Reserve of Work Report#: W0460.00806
(\$11,600)	Applied by W0460.00941 2004-JUN-17
<u>\$17,090</u>	Total Remaining

Status of claim is based on information currently on record.

Date: 2004-JUN-04

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

FALCONBRIDGE LIMITED
800-207 QUEEN'S QUAY WEST
TORONTO, ONTARIO
M5J 1A7 CANADA

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.27741
Transaction Number(s): W0460.00806

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,



Roy Denomme
Senior Manager(A), Mining Lands Section

Cc: Resident Geologist

Falconbridge Limited
(Claim Holder)

John Peter Huot
(Claim Holder)

Assessment File Library

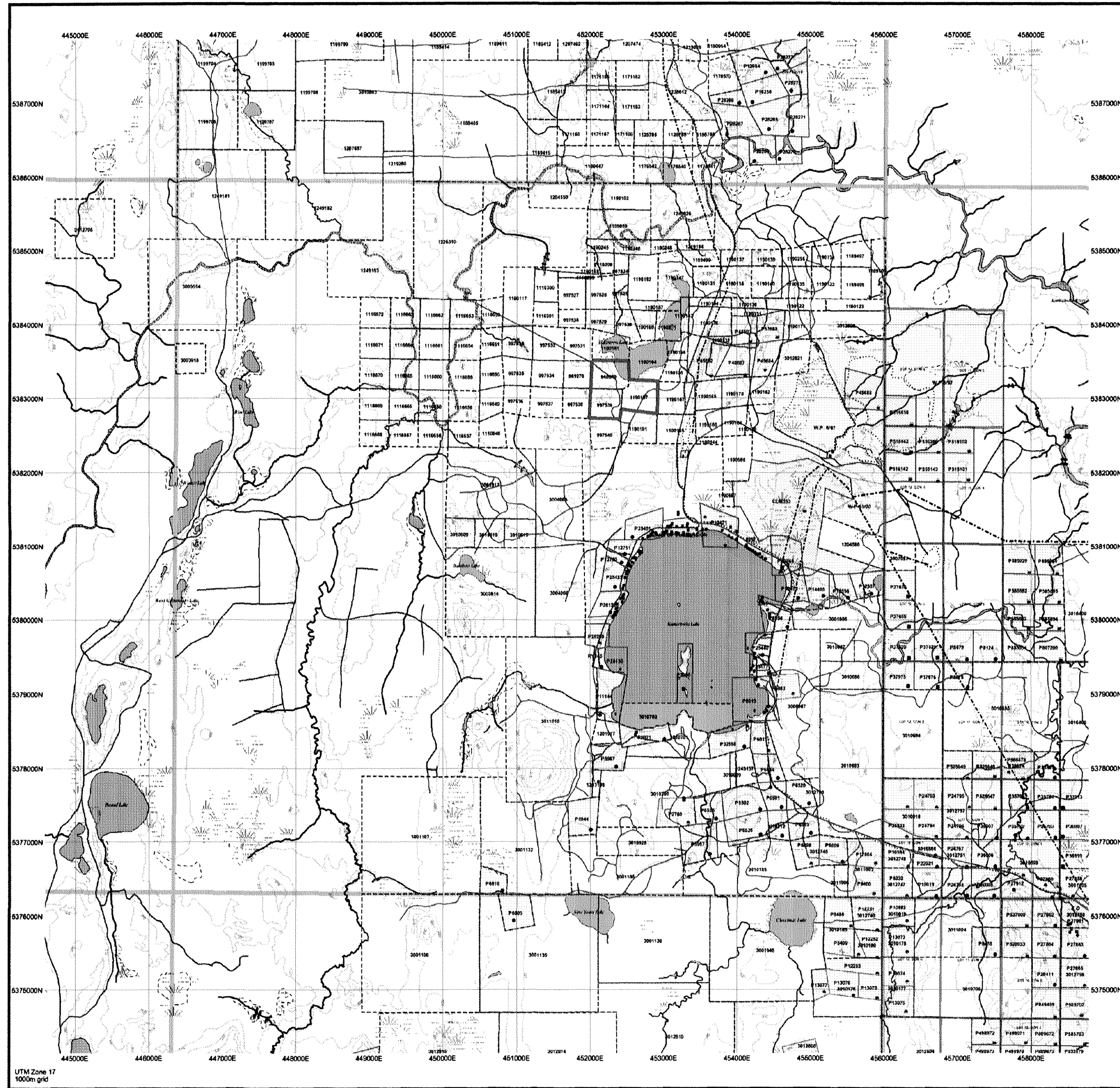
Falconbridge Limited
(Assessment Office)

Date / Time of Issue: Tue Jun 29 14:17:57 EDT 2004

TOWNSHIP / AREA PLAN
ROBB G-3988

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division Porcupine
Land Titles/Registry Division COCHRANE
Ministry of Natural Resources District TIMMINS



TOPOGRAPHIC

- Administrative Boundaries
- Township
- Cantonment Lot
- Proposed Park
- Indian Reserve
- Cut P.M. & P.A.
- Canal
- Minor Sheds
- Minor Handicrafts
- Railway
- Road
- Tier
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

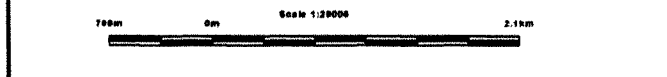
- Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- License of Occupation
- Open Field Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- Land Use Permit
- Order In Council (not open for staking)
- Water Power Lease Agreement
- Mining Claim
- Filed Only Mining Claims

LAND TENURE WITHDRAWALS

- 1234 Areas Withdrawn From Disposition
- Mining Act Withdrawal Types
- Water Act Withdrawal Types
- Order In Council Withdrawal Types
- Other Act Withdrawal Types
- Water Rights Only Withdrawal
- Mining Rights Only Withdrawal

IMPORTANT NOTICES

1234



LAND TENURE WITHDRAWAL DESCRIPTIONS

Leaflet	Type	Date	Description
3188	Water	Jan 1, 2001	400 FEET SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES AND RIVERS
3257	Water	Jan 1, 2001	PROPOSED SURFACE RIGHTS DISPOSITION UNDER P.L.A. NOTICE RECEIVED MARCH 7, 1991
3305	Water	Jan 1, 2001	M.L.N.R. RESERVE
3324	Water	Jan 1, 2001	PENDING APPLICATION UNDER THE PUBLIC LANDS ACT NOTICE RECEIVED 91-NOV-23 988 LAND ROLL FILE FOR DETAILS
3400	Water	Nov 22, 1991	PENDING APPLICATION UNDER THE AGRI-GATE RESOURCES ACT NOTICE RECEIVED 91-NOV-22
P.O.	Water	Jul 8, 2003	Claim from Filed Only
W.P.#1100	Water	Dec 2, 2000	6-6-98 304-81100 0713 2000 M.S. 149190
W.P.#197	Water	Apr 28, 1997	MINE AND SURFACE RIGHTS WITHDRAWN UNDER SECTION 19 OF THE MINING ACT, R.S.O. 1990 ORDER NO. W.P.#197 DATED APR 28 97
W.P.#147	Water	Apr 28, 1997	MINE AND SURFACE RIGHTS WITHDRAWN UNDER SECTION 30 OF THE MINING ACT, R.S.O. 1990 ORDER NO. W.P.#147 DATED APR 28 97
W.P.#1702	Water	Feb 1, 2004	6-6-98 304-81100 0713 2000 M.S. 149190

2.27741
ASSAY
PDRILL

42A12SE2022 2.27741 ROBB