

**REPORT OF**

**2007 DIAMOND DRILLING PROGRAM**

**FOR 6070205 CANADA INC & G. A. HARRON**

2.35370

**THORBURN/LOVELAND TOWNSHIPS**

**PROCUPINE MINING DIVISION**

*GM*



**SUBMITTED BY LIONEL BONHOMME  
JUNE 27, 2007**

## Table of Contents

Page 1: Summary, Access & Location, Previous Work and Regional Geology

Page 2: Statement of Costs

Page 3: Claim Sketch

Page 4: Regional Location

Page 5: 6HT-07-03 Drill Hole Plan

Page 6: 6HT-07-03 Drill Hole Section

Pages 7-38 : 6HT-07-03 Drill Hole Log

#### Summary:

During the month of March, the company completed a diamond drill program to follow up on geophysical anomalies identified in a previous survey. Colbert Drilling was mobilized on the property on March 14/07 and completed on March 30/07. 1 hole was drilled for a total of 351m. Drill hole 6HT-07-03, located at 454812mE, 5395662mN (NAD 83, Zone 17), azimuth 220°, dip -50°, length 351m with 42m of casing left in overburden.

#### Access & Location:

Loveland Township is located 20 miles northwest of the City of Timmins, (NTS Reference Sheet 42A12). The property is easily accessible, as the region has been recently logged. Heading out west from Timmins on Highway 101, take Highway 576 North for 22.7km to the Kamiskotia forestry road. Follow the well maintained logging road until km 12 post, take a right turn on a smaller logging road which provides access to the property.

#### Previous Work:

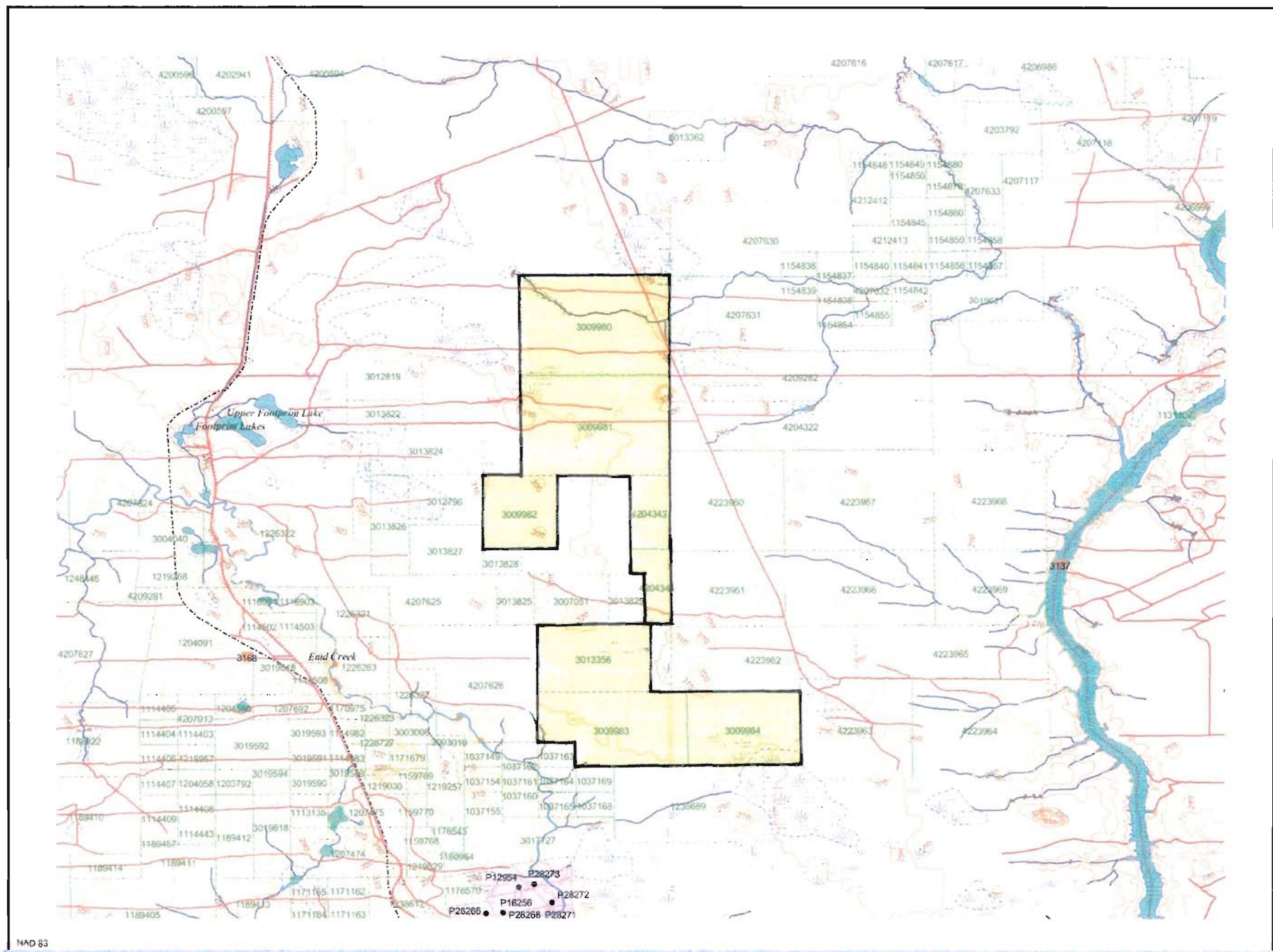
1964	Frobex Ltd. – magnetometer, EM surveys, 3 drillholes (LT1,2,3)
1965	Frobex Ltd. – 6 drillholes (LT7,8,9, FR5,7,8)
1969	Hollinger Mines Ltd. – magnetometer, max-min surveys
1970	Hollinger Mines Ltd. – 5 drillholes (TC1,2,3,4,5,70)
1980	Gulf Minerals – magnetometer, max-min surveys
1981	Gulf Minerals – 7 drillholes (R81, J1,2,3,4,5,6,7)
1988	Noranda – magnetometer max-min surveys
1989	Noranda – 9 drillholes (FPT-89-1,2,3,4,5,6,7,8,9)
1990	Noranda – TEM survey, 11 drillholes (T-90-10,11,12,13,14,15,16,17,18,19,20)
1991	Noranda - 11 drillholes (T-91-21,22,23,24 & TE-91-1,2,3,4,5,6,7)
1996	Noranda – 1 drillhole (TB-96-01)
2005	6070205 Canada Inc & G.A. Harron – 3 drillholes

#### Regional Geology:

The property is located 2 km west of the north-northwest trending Mattagami river fault. It is underlain by a steady dipping volcanic sequence of felsic pyroclastics and mafic volcanics intruded by granodiorite and trondhjemite. Discover Abitibi has confirmed that the volcanic sequence is Kidd-Munroe assemblage (map 3379 Ayer J.A., Trowell N.F. 1998). The potential for VMS is considered prospective.

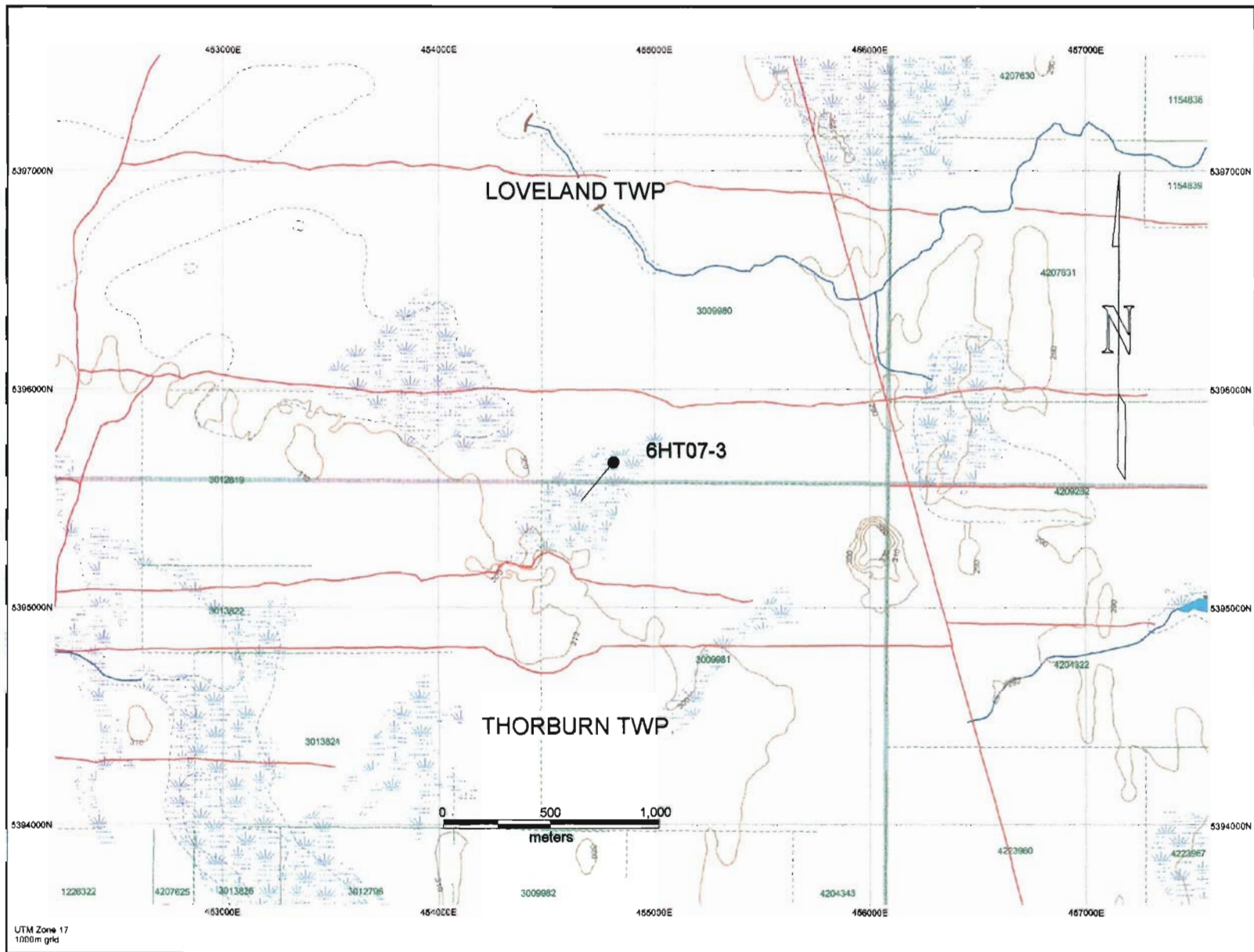
### Statement of Costs

351m of Drilling (Colbert Drilling)	\$18954.00
Floating – 6.5hrs	\$596.70
Grading – 13hrs	\$1235.00
Geologist – 9.5 Day @ \$400.00/day	\$3800.00
Maps & Sections	\$525.08
28 BW Casing (1.5m lengths)	\$3250.80
1 BW Casing Shoe	\$196.00
SUBTOTAL	\$28557.58
6% Management Fee	\$1713.45
<b>TOTAL</b>	<b>\$30271.03</b>

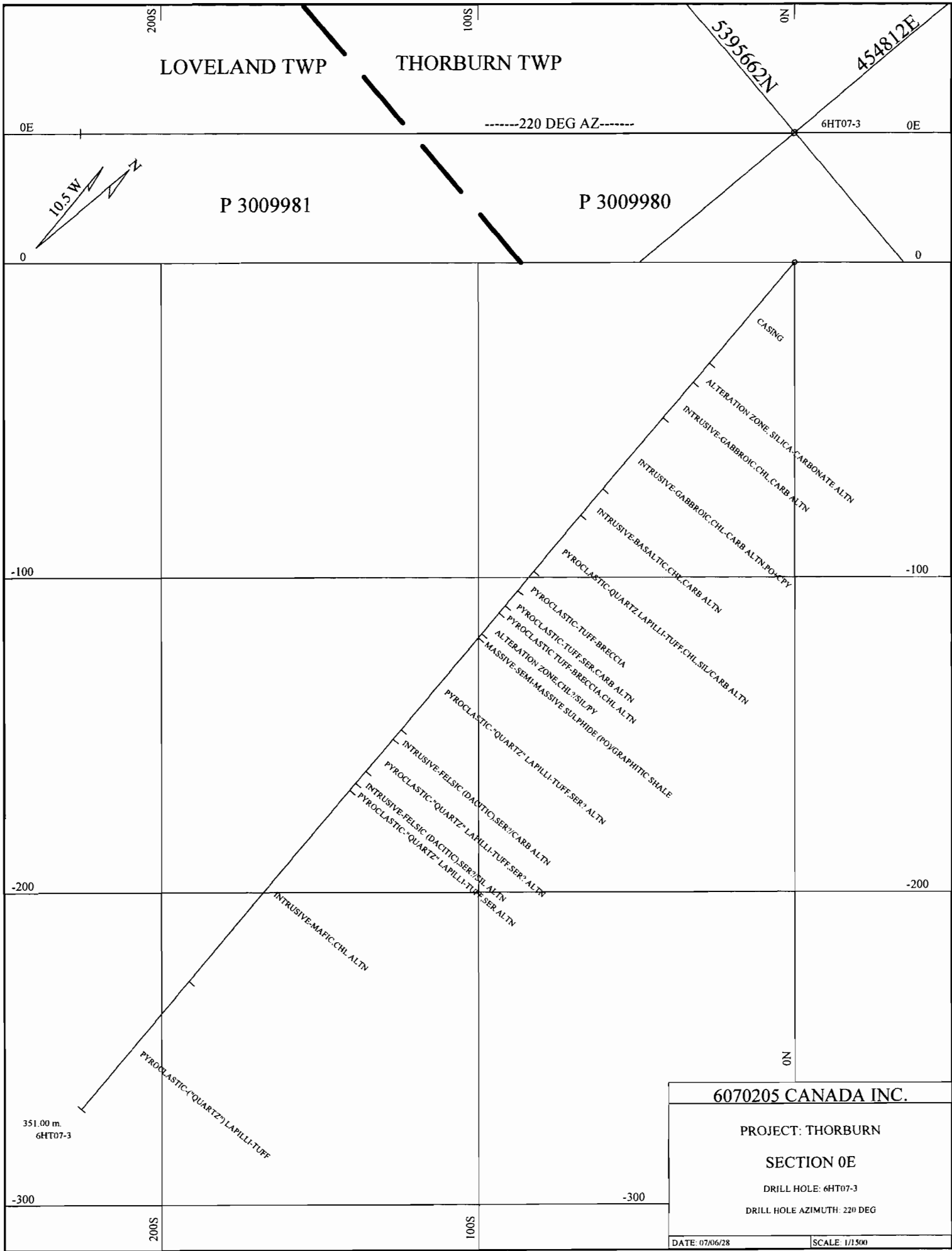


NAD 83





DRILL HOLE LOCATION MAP



6070205 CANADA INC.

PROJECT: THORBURN

SECTION 0E


DRILL HOLE: 6HT07-3

DRILL HOLE AZIMUTH: 220 DEG

DATE: 07/06/28

SCALE: 1/1500



Drillhole Name: <b>BHT 07-03</b>	Project Name:	Azimuth: <b>220°</b> Dip: <b>-50°</b> E.O.H. <b>351m</b>	Orientation Tests:
Drill Log For: <b>Lionel Bonhomme</b>	Started: <b>March 14/07</b>	Bit Size: <b>(BQ) / NQ / HQ</b>	Depth / Azimuth /
Drilling Contractor: <b>Colbert Drilling</b>	Ended: <b>March 30/07</b>	Casing Length: Pulled: Yes / <b>(No)</b>	/
Collar Easting (UTM): <b>454812</b>	Collar Easting (Grid): <b>N/A</b>	Geologist's Name: <b>PATRICK HOURICAN</b>	/
Collar Northing (UTM): <b>5395662</b>	Collar Northing (Grid): <b>N/A</b>	Geologist's Signature: 	/
NAD: <b>83</b>	Comments:	Date Logged: <b>June 7-28</b> <b>2007</b>	/

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.	Pyrite %	Sample Intervals		Sample Length
From	To				From	To	
0.00	42.00	CASING.					
42.00	50.00	Alteration zone - Silica, carbonate alt.	Buff generally very fine grained aphanatic with some white carbonate (10% HCl) eye (5mm wide) and occasional quartz eye looking material sometimes with associated pyrite. The buff color may be due to bleaching. <sup>Silicification</sup> Original texture is obliterated. The general rock contains carbonate. The alteration possibly silica and carbonate. No prominent cleaving. No fabric. Lowest 1m is gradational to next rock up below. The lower contact is gradational. Trace disseminated pyrite with occasional "quartz eyes". 1.00-15.30 Silica?, carbonate, Silica? (buff color) is pervasive, strong and contains carbonate some white carbonate "eyes", some quartz eyes. <sup>buff</sup> NO visible sulphide. 15.30-45.50 No major unique economic mineral features, no visible sulphide. 49.50-50.00 Pyrite, disseminated, localized, coarse, minor. Associated with general rock.				

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
50.00	11.20	Hypabyssal - Gabbroic - chloritic, carbonate alt.	<p>Grey green. Coarse - medium-fine grained to coarse (ca 5mm wide) <sup>stubby</sup> groundmass dark green (chloritic) and the prominent aspect of the texture. The "groundmass" is medium-fine grained and has a grey-green color. Additionally there is mottling by a fine white mineral, possibly leucokent. Overall the rock has a massive appearance. The groundmass contains carbonate. The alteration is chlorite and carbonate. Veining is minor, contains carbonate and ranges from 45° - 80° CA. There is no oriented fabric. At lower contact is gradational to the rock below occasional veins with coarse pyrite and chlorite. Based on the coarse matrix mineral (now chlorite) texture, light colored groundmass and the massive characteristic, the rock is a hypabyssal intrusive, gabbroic.</p> <p>500-5100 - Pyrite, disseminated, locally coarse, trace. Associated with general rock</p> <p>5510-5550: Chlorite, carbonate, disseminated alteration. Chlorite is pervasive and strong. Carbonate is in the matrix. The leucokent is mottled. Trace coarse pyrite.</p>

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			55.50-57.00 Pyrite, disseminated, localized coarse, trace. Associated with general rock.
			57.00-58.50 Pyrite, disseminated, localized coarse, trace. Associated with general rock. Minor white carbonate bedding 50° CA.
			58.50-60.00 Pyrite, disseminated, localized coarse, trace. Associated with general rock and chloritic carbonate vein.
			60.00-61.50 Pyrite, disseminated, localized coarse, minor. Associated with chlorite vein 15° CA. Minor quartz/carbonate veining 55° CA.
			61.50-63.00 Pyrite, disseminated, localized coarse, minor. Associated with chlorite vein 30° CA. Minor quartz/carbonate veining.
			63.00-64.80 No major/unique economic mineral features. No visible sulphides. Minor quartz/carbonate veining.

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
64.30	94.20	Intensive - hypabyssal - Gabbroic Chlorite, carbonate etc. Anhydrite and chalcopitrite mineralization	Grey. Typically medium-coarse grained, sometimes with a fine grained "massive". Medium-coarse grains of darkish stubby material (chlorite) gives the <sup>OVERALL</sup> interval/rock type its visual textural characteristic. Some sub-intervals are equigranular, and some are fine grained-aphanitic. The general rock contains a variable amount of minor-texture carbonate (10% HCl). Fresh to blebs and veins are magnetic. Some sub-intervals of general rock are slightly magnetic, with no visible pyrrhotite or magnetite, presumably indicating fine grained disseminated pyrrhotite. <sup>to</sup> Alteration is chloritic <sup>and carbonate</sup> mic or quartz carbonate varying 15° - 80° CA. No oriented fabric. The overall interval is "massive". The lower contact may be a chilled margin - difficult to determine because the next rock interval/type below is fine grained-aphanitic. The overall interval/rock type is characterized by <sup>some</sup> sub-intervals with prominent blebs, occasionally veinlets, of pyrrhotite. There may be a possibility that this pyrrhotite may be nickel/PGM bearing? Based on the stubby <sup>dark</sup> "crystals" (chlorite), some medium grained equigranular light and dark minerals, and possible lower chilled margin, the rock type may be a mafic (gabbroic) intrusive or subvolcanic.

Hole Name: 6HT 07-03

Metreage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			64.80-65.00 Pyrrhotite, veinlet, subparallel & localized, massive, minor $< 1\%$ sulphide. Minor Quartz/carbonate veinings.
			66.00-66.30 Chert, carbonate alteration. Alteration is pervasive, chert is strong, carbonate is moderate. Green. Equigranular dark and light minerals, medium-coarse grained. trace fine pyrite.
			66.30-67.50 Pyrite, disseminated, uniformly distributed, fine, trace. Associated with general rock.
			67.50-69.00 Pyrite, disseminated, uniformly distributed, fine, trace. Associated with general rock.
			69.00-70.50 Pyrite, disseminated, semi-uniformly distributed, fine, trace. Associated with general rock.
			70.50-72.0 Pyrrhotite, Pyrite, both disseminated, semi-uniformly distributed, fine, some associated with general rock. About 2% sulphide (1.75% po, 0.25% py)
			72.00-73.50 Pyrite, disseminated, semi-uniformly distributed, fine, trace. Associated with general rock.
			73.50-75.00 Pyrrhotite, chalcopyrite. disseminated in a carbonate vein. 15° CA, localized, fine, minor. The pyrrhotite is abundant in the vein, the chalcopyrite is trace.

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			75.00-76.50 Pyrrhotite, blebs disseminated semi-uniformly distributed. Blebs are up to 2 cm long x 0.5 cm wide. Disseminated is fine. Associated with general Rock. About 3% Sulphide (Pyrrhotite)
			76.50-78.00 Pyrrhotite, blebs-disseminated uniformly distributed. Blebs are up to 3 cm long x 0.5 cm wide. Disseminated is fine. Associated with general Rock. About 12% Sulphide (Pyrrhotite)
			78.00-79.50 Pyrrhotite Pyrrhotite as blebs-disseminated-venlets. Blebs are typically about 1 cm. Disseminated is fine. Pyrrhotite is uniform distributed. Associated with general Rock. <del>Very occasional coarse pyrite grain</del> About 15% Sulphide (Pyrrhotite). Venlets are associated with chlorite/carbonate/quartz
			79.50-81.00 Pyrrhotite, disseminated, uniformly distributed, dominantly fine, some. Associated with general Rock. About 3% Sulphide (Pyrrhotite)
			81.00-82.50 Pyrrhotite, disseminated-blebs, semi-uniformly distributed. The disseminated pyrrhotite is fine. The blebs are occasional and are up to 1 cm. Associated with general Rock. About 3% Sulphide (Pyrrhotite)

PE

ME

Associa  
genes

Associa  
92.2.2016

Hole Name: OHT 07-03

Elevation		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.
From	To		
			82.50-83.70 Pyrrhotite (and pyrite?), disseminated uniformly distributed, fine-minor. Associated with general rock. About 1% sulphides, dominant pyrrhotite.
			83.70-84.0 chlorite, carbonate almost. Alteration is pervasive. Chlorite is strong, carbonate is moderate green. Equigranular dark and light minerals. Fine-grained. Trace fine pyrrhotite or pyrite.
			84.0-85.0 Pyrrhotite (and pyrite?). The dominant sulphide is fine grained. The pyrrhotite is veinlets associated with carbonate and chlorite. The fine sulphide is pervasive and is probably pyrrhotite with possible pyrite, it occurs in minor-trace amounts and is associated with the general rock.
			85.0-87.0 Pyrrhotite (and pyrite?), disseminated uniformly distributed, fine, minor. Associated with general rock.
			87.0-88.50 Pyrrhotite (and pyrite?), disseminated uniformly distributed, medium-fine, some. Associated with general rock.
			88.50-90.00 Pyrrhotite and chalcoprite. The pyrrhotite consists of blebs-disseminated and veinlets. The blebs are localized.

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			<p>the top half of the sample, while the veinlets are localized in the bottom half of the sample the veinlets are semi-massive and are associated with chalcocite. The blebs and disseminations are associated with the general rock.</p>
		9000-9040	<p>Pyrrhotite and chalcopyrite, semi-massive, dominantly localized centrally in sample conformable to fabric (possible shearing, 50°C). Carbonate associated with the mineralization. About 2% core loss. upper and lower ends conformable with rock above and below</p>
		9040-9150	<p>Pyrrhotite and Chalcopyrite, both disseminated, uniformly distributed, medium-fine pyrrhotite is much (8%), Chalcopyrite is trace (0.5%)</p>
		9150-9300	<p>Pyrrhotite and chalcopyrite, both disseminated, uniformly distributed, medium-fine. Pyrrhotite is some (3%), Chalcopyrite is trace (0.25%)</p>
		9300-9330	<p>Chloritic and carbonate alteration. Alteration is pervasive. Chlorite is moderate-strong, carbonate is also moderate-strong. Green. Fine pseudocrystal cold spots? crystal</p>





Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.
From	To		
94.20	105.00	Intrusive - High level - Basaltic, Chlorite, Carbonate ALT Pyroxene Mineralization	<p>Grey green, minor 'buff' blotches. Random poorly defined veinlets of silicified material. Fine grained - aphanitic. No prominent primary textures. Upper and lower margins more chilled. Upper contact is about 25°C. Lower contact is batic some "autohectation" especially centrally in the rock type interval. Alteration is chlorite and carbonate (10% HCl). The chlorite is moderate-stone and is pervasive. The carbonate is patchy-pervasive and is weak to moderately strong. Minor veins is dominant in carbonate and the veins are typically about 50°C. There is no fabric (foliation). Blebs of pyroxene throughout. Based on color, "fine" grain size, chilled margins, and the nature of the alteration, the original rock may have a high level mafic intrusive - Basaltic.</p> <p>94.20-96.00 Pyroxene blebs <sup>finely</sup> disseminated, semi-uniformly distributed, some. Associated with general rock. 2% pyroxene</p> <p>96.00-97.50 Pyroxene <sup>and chlorite</sup> blebs - finely disseminated, semi-uniformly distributed, some. Associated with general rock. 2% pyroxene</p> <p>97.50-99.00 Pyroxene, blebs - finely disseminated breccia in situ, and veinlet. Semi-uniformly distributed, some. Dominantly associated with general rock. 3% pyroxene</p>

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			99.00 - 99.30 Chlorite and carbonates alteration. Alteration is pervasive 25% types of alteration are pervasive and are moderate - strong. Grey. Fine grained - aphanitic. 3% (3%) pyrrhotite and trace chalcopyrite.
			99.30 - 100.50 Pyrrhotite and chalcopyrite (trace) blebs - finely disseminated. Semi-uniformly distributed. Some associated with general rock. 3% pyrrhotite, trace (0.25%) chalcopyrite.
			100.50 - 102.00 Pyrrhotite, pyrite and chalcopyrite dominantly blebs - finely disseminated pyrrhotite, semi-uniformly distributed. Minor pyrrhotite and pyrite associated with localized carbonate veinings (45°C). The dominant pyrrhotite ("some") is associated with the general rock type. 3% pyrrhotite, trace (0.25%) pyrite and trace chalcopyrite (0.25%).
			102.00 - 103.50 Pyrrhotite and chalcopyrite. Dominantly blebs - finely disseminated pyrrhotite, semi-uniformly distributed. Minor pyrrhotite associated with minor carbonate





Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			105.00-106.50 Pyroxhote, disseminated, uniformly distributed, medium-line grained, some associated with general rock. 2% pyroxhote.
			106.50-108.00 Pyroxhote, disseminated, uniformly distributed, medium-line grained, minor. Associated with general rock. 1% pyroxhote.
			108.00-109.50 Pyroxhote, disseminated (sometimes replacing quartz) uniformly distributed, medium-line grained, minor. Some prominent (eg. 20cm long) quartz veins. 1% pyroxhote.
			109.50-111.00 Pyroxhote, blebs - disseminations (disseminations sometimes replacing quartz), uniformly distributed, disseminations are coarse - line grained. 5% pyroxhote.
			111.00-111.30: silicification, carbonation and pyroxhotization alteration. Silicification/carbonatization alteration is pervasive. The silicification is strong, the carbonation (10% HCl) is weak. Pyroxhote sometimes replaces quartz "eyes". The rock is <sup>aphanitic and</sup> bleached (light buff) with "eyes" of quartz/siliceous material. Trace pyrite. 1% pyroxhote.

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			111.30 - 112.50 Pyrrhotite, disseminated, sometimes replacing quartz "eyes" and milky white quartz fragments. Uniformly distributed, coarse-fine grained, much. 5% pyrrhotite.
			112.50 - 114.00 Pyrrhotite, disseminated, sometimes replacing quartz "eyes" and milky white quartz fragments uniformly distributed, coarse-fine grained, much. 8% pyrrhotite.
			114.00 - 115.50 Pyrrhotite, disseminated, sometimes replacing milky white quartz fragments, uniformly distributed, coarse-fine grained, some. prominent (20cm) quartz vein 45° CA. 2% pyrrhotite.
			115.50 - 117.00 Pyrrhotite, disseminated, sometimes replacing milky white quartz fragments, uniformly distributed, coarse-fine grained, much. 1% pyrrhotite.
			121.20 - 123.50 Chloretization and pyrrhotization alteration. Chloretite alteration is pervasive and moderate. The pyrrhotite is disseminated and replaces milky white quartz fragments. Grey (milky white) quartz lapilli-tuff. 1% pyrrhotite.

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.
From	To		
			121.50-122.00 Pyroxotite, blebs and disseminated. Blebs are associated with minor carbonate veining H <sub>50</sub> CA. Disseminated is associated with general rock and sometimes replaces milky white quartz fragments, and is uniformly distributed, medium-fine grained, minor, 1% pyroxotite
			122.00-123.00 Pyroxotite, sphalerite and Fuchsite. Pyroxotite is dominantly disseminated and fine. Some pyroxotite with sphalerite (dark brown) associated with a carbonate vein subparallel CA. Trace Fuchsite associated (Replacing?) milky white quartz fragments, 2% pyroxotite.
			123.00-124.50 Pyroxotite and chalcopyrite? Irregular discontinuous band (1cm wide), with trace chalcopyrite. Sub pyroxotite associated with carbonate vein (30% CA), and disseminated, medium-fine. 3% pyroxotite.



Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.
From	To		
			124.50 - 126.00 Pyrrhotite, disseminated, uniformly distributed, sometimes replacing milky white quartz fragments, medium-fine, minor. 1% pyrrhotite.
			126.00 - 127.50 Pyrrhotite and chalcopyrite? Irregular discontinuous band and blebs of pyrrhotite, with trace chalcopyrite. Disseminated medium-fine pyrrhotite. 2% pyrrhotite.
			127.50 - 128.07 Pyrrhotite, disseminated, uniformly distributed, fine, trace.
128.07	136.05	Pyroclastic-Tuff-Breccia Chlorite Alb.	Grey. Typically light grey "clasts" in grey-dark grey "matrix". The light grey clasts range from about 1 cm - 10 cm. The matrix is variable and ranges from fine grained, to medium grained, with occasional dark clasts ranging from 0.5 cm - 5 cm. The light grey clasts generally have a rounded appearance with "diffuse" rims. <sup>DIFF. EVIDENCE FOR SPHERULATED QUARTZ</sup> Sometimes these clasts are broken and angular. The dark "matrix clasts" are angular. Both the light and dark colored clasts are porphyritic. The light colored clasts have some quartz eye like entities, and the dark colored clasts have feldspar like phenocrysts. Alteration is chloritic?, moderate.

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.
From	To		
			<p>There is no pronounced veining or fabric. Mineralization is comprised of blebs and disseminations of pyrrhotite, with a very trace amount of chalcopyrite. The rock may be pyroclastic, comprised of "bombs" and possible minor flows of felsic material in a relatively mafic fragmental matrix. — pyroclastic, tuff-blocosa.</p>
			<p>128.07-129.00 Pyrrhotite, blebs - disseminated. Semi-uniformly distributed. Disseminated is medium-fine. 1% pyrrhotite.</p>
			<p>129.00-130.50 Pyrrhotite, blebs - disseminated. Semi-uniformly distributed. Disseminated is medium-fine. 7% pyrrhotite.</p>
			<p>130.50-132.00 Pyrrhotite, disseminated - especially in light colored clasts, semi-uniformly distributed, medium-fine grained. 2% pyrrhotite.</p>
			<p>132.00-133.20 Pyrrhotite, disseminated - especially in light colored clasts, semi-uniformly distributed, medium-fine grained. 1% pyrrhotite.</p>
			<p>133.20-133.50 Chlorite alteration, pervasive in "matrix" material, moderate. Grey "matrix" with light colored felsic clasts. Disseminated pyrrhotite, especially in light colored clasts.</p>
			<p>133.50-135.00 Pyrrhotite and pyrite. Both disseminated, pyrrhotite.</p>

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.
From	To		
			<p>is associated mainly with light colored clasts pyrite is localized on fractures.</p> <p>&lt; 1% pyrrhotite, trace pyrite</p> <p>135:00 - 136:05 Pyrrhotite, disseminated (mainly replacing amygdules) especially in upper half of sample, medium-fine grained, minor. Indications of dark matrix being lamprophyric? (by shiny coarse and fine dark mineral) towards end of sample.</p>
136:05	142:35	<p>Pyroclastic - Tuff. Sericite? and carbonates ALT.</p>	<p>Green-light grey. Medium-fine grained. "Granular" texture. Grain size and texture are uniform for the overall interval/rock type. The dominant mineral appears to be a phyllosilicate. The rock contains moderate-strong carbonates (10% HCl). Alteration is either sericite or chlorite - strong, and carbonates - moderate-strong.</p> <p><sup>carbonate</sup> Veining 500-800 CA. There is no fabric (foliation). The upper contact appears gradational, the lower contact is sharp, but core is ground by drilling equipment. Based on the upper contact appearing gradational and the general pyroclastic setting of the core in the vicinity, the rock may be a carbonated sericite tuff.</p> <p>136:05-137:00 No major/unique economic mineral features. No visible sulphide.</p> <p>137:00-138:00 No major/unique economic mineral features. No visible sulphide.</p>

Hole Name: 6HT 07-03

AME

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			138.00-138.30 Sericite? and Carbonate alteration, both pervasive. The sericite? alteration is strong, and the carbonate is moderate-strong. Grey. No visible sulphide
			138.30-139.50 No major/unique economic mineral features. Minor carbonate veining. No visible sulphide.
			139.50-141.00 No major/unique economic mineral features. No visible sulphide.
			141.00-142.35 No major/unique economic mineral features. No visible sulphide.
142.35	145.35	Pyroclastic Tuff-Breccia Chlorite Alt.	Grey. Overall, similar to 128.07-136.05m interval above. No visible chalcopyrite 142.35-144.00 Pyroxenite, disseminated-blebs, localized, sometimes replacing quartz "eyes" in light colored clasts. <1% pyroxenite 144.00-144.35 chlorite alteration, pervasive in "matrix" material, moderate Grey with light colored felsic clasts. Disseminated pyroxenite in matrix trace pyrite on surfaces 144.35-145.35 Pyroxenite, disseminated, semi-uniformly distributed medium-fine grained, minor.

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.
From	To		
145.35	153.95	Alteration zone Chlorite? / Siliceous pyrrhotite.	<p>Grey with patches of grey-white material becoming crudely banded (ca. 1 cm - 5 cm) dark grey and light green grey.</p> <p>145.35 - 148.80: Relatively massive, fine grained. Aphanitic, with grey-white patches.</p> <p>148.80 - 153.95: Crudely banded — patchy with increasing pyrrhotite downwards. Some prominent quartz/chlorite veining associated with this lower sub-rock type. The fabric (banding) ranges from about 20° - 50° CA. Overall, the mineralization is pyrrhotite, which is disseminated in the upper sub-rock type, becoming more patchy - globs - tabular parallel semi-contiguous thin (ca. 1 mm) bands with depth in the lower sub-rock type. Based on the facts that alteration and pyrrhotite increases with depth, and the presence of semi-massive pyrrhotite in the next rock type interval, this rock type (alteration zone) may indicate an overthinned hydrothermal "massive sulphide" feeder system.</p> <p>145.35 - 147.00: Pyrrhotite, disseminated, semi-uniformly distributed, medium-fine grained, trace. Mainly associated with grey-white patches.</p> <p>147.00 - 148.20: Pyrrhotite, disseminated, semi-uniformly distributed, medium-fine grained, trace. Mainly associated with grey-white patches.</p>

Hole Name: 6HT 07-03

Metrage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			148.20-148.50 chlorite? alteration, pervasive, moderate. grey aphanatic. trace disseminated pyrrhotite.
			148.50-150.00 Pyrrhotite, disseminated - fine blebs, uniformly distributed, minor. Mainly associated with general rock. 2% pyrrhotite
			150.00 - 151.50 Pyrrhotite, disseminated - blebs, semi-uniformly distributed, medium-fine grained, minor. Mainly associated with general rock. some prominent quartz/chlorite streaks/veining. 1% pyrrhotite
			151.50-152.70 Pyrrhotite, disseminated - semi-continuous thin (eg. mm) bands - patch, some. Associated with general rock, preferentially aligned parallel to cubic. 3% pyrrhotite.
			152.70-153.00 chlorite? and (sericite?) alteration, crudely banded - pervasive, moderate - strong. Grey - light green grey. Aphanatic. Semi-continuous pyrrhotite thin bands, semi-uniformly oriented 30°-45° CA. 3% pyrrhotite

Hole Name: BHT 07-03

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.	Pyrite %
From	To			
			153.00 - 153.95: Pyrrhotite, disseminated - Semi-continuous thin (1mm) bands. Uniformly distributed, associated with general rock, some conformable with fabric (40°C). 3% pyrrhotite.	3.00
53.95	155.60	Massive-Semi-massive sulphide (pyrrhotite) / graphitic shale	Black (shale) - <sup>graphitic</sup> bronzey pyrrhotite. Both shale and pyrrhotite are fine grained. The shale has an irregular poorly developed bedding/fabric at about 45°C. The pyrrhotite is irregular, is semi-conformable to the shale fabric, and has some wispy/flame like textures. In contrast to the rock type/interval above, this mineralization/interval has no weak alteration. The upper contact is sharp and appears conformable. The lower contact is broken. The pyrrhotite contains minor chalcopyrite. Based on the presence of graphitic shale and bedding/fabric, this sulphide may have been deposited in an exhalative/sedimentary setting. Pyrrhotite content decreased with depth, and in the context that the previous rock type/interval is altered and that the next rock type/interval below is "unaltered" the rock sequence in this drill hole may be overthrust.	
			153.95 - 154.55 Pyrrhotite and chalcopyrite. TR copy. Pyrrhotite is initially almost massive becoming wispy/flame/laminated downwards.	





Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
155.60	193.70	Pyroclastic - "Quartz" lapilli-tuff "Serpentine" alt.	Dominantly grey-light grey. Varying amounts of whitish "angular" clasts up to a maximum of about 2 cm diameter. 155.60-167.70: Dominantly "aphanitic" (fine sand - coarse sand size ("matrix") with typically about 2% whitish angular clasts. 167.70-193.70: Dominantly fine - coarse sand size ("matrix") with typically about 7% whitish angular clasts. Typically, <del>the</del> whitish angular clasts cannot be scratched with a knife. 174.00-186.00 minor patches - veins of carbonate alteration. Sometimes with pyrochotite associated. Overall, no strong evidence for grading or way-up textures. Alteration is weak, possibly sericitic. No prominent veining. 164.00-166.00 some dark "bedding" (slightly graphitic, 1cm - 8cm thick, some pyrochotite and chalcopyrite associated) 500-550 CA. No prominent fabric / foliation. The upper contact is broken, the contact at 167.70 appears gradational, the lower contact is sharp, with the immediate material in the next rock type below being chilled. Minor pyrochotite associated with minor breccia, dark veinlets, dark slightly graphitic "beds" and minor carbonate patches. Some trace chalcopyrite is associated with

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour, Grain Size, Texture, Minerals, Alteration, etc.
From	To		
			<p>the pyrrhotite. Around 192.70m blebs of chalcopyrite are associated with blebs of white carbonates. Based on the presence of whitish fragmental clasts, <sup>and</sup> possible dark graphic bedding in the upper <del>overall</del> <del>interval</del> the overall rock type is pyroclastic - "Quartz" lapilli-tuff.</p>
			<p>155.60 - 156.50 Pyrrhotite, fine blebs/disseminations, and veinlet 35° CA. Semi-uniformly distributed. Fine grained minor. 1% pyrrhotite</p>
			<p>156.50 - 157.50 Pyrrhotite breccia with - blebs. Localized fine grained. 1% pyrrhotite.</p>
			<p>157.50 - 158.65 Pyrrhotite, dark, veinlets - disseminated localized, minor.</p>
			<p>158.65 - 159.00 Sphalerite? alteration, pervasive, weak. Minor pyrrhotite disseminated and associated with dark veinlets. Grey, aphanitic (cherty) with minor white and minor black pyroclasts.</p>
			<p>159.00 - 160.50 Pyrrhotite, dark veinlets and disseminated/replacings fine white clasts. Uniformly distributed, fine grained, minor.</p>



Hole Name: **GHT 07-03**

Metage		Rock Type	Description
From	To		
			<p>NOTE: THE REMAINDER OF THIS DRILL HOLE IS SUMMARY LOGGED AND SELECTIVELY SAMPLED. LABORATORY RESULTS MAY INDICATE THAT MORE DETAILED LOGGING AND SAMPLING WILL BE REQUIRED.</p> <p>163.50 - 165.00 Pyrrhotite, trace Chalcopyrite            165.00 - 166.50 Pyrrhotite, trace Chalcopyrite            166.50 - 167.70 Pyrrhotite            167.70 - 168.50 Pyrrhotite, trace Chalcopyrite            168.50 - 169.50 Pyrrhotite, trace Chalcopyrite            174.00 - 174.30 Sericite - alteration, pervasiv, weak. Some pyrrhotite, disseminated. Pervasive, moderate. Fine grained. 1% Pyrrhotite. Grey. "Quartz" lapilli tuft.</p> <p>177.00 - 178.50 Pyrrhotite            183.00 - 184.50 Pyrrhotite, trace Chalcopyrite            190.50 - 192.00 No visible sulphide            192.00 - 193.50 Chalcopyrite, trace pyrrhotite            193.50 - 193.70 Sphalerite - pyrrhotite, Chalcopyrite</p>
193.70	197.70	INTRUSIVE - High level - Felsic (Dacitic?) Sericite? Carbonate alt.	<p>Buff grey. Fine grained with upper and lower chilled margins. Veinlet and patches with carbonate alteration. Sericite? alteration pervasiv.</p> <p>193.70 - 195.00 Pyrrhotite, trace Chalcopyrite            195.00 - 196.50 Pyrrhotite, trace Chalcopyrite            196.50 - 196.80 Sericite? alteration, pervasiv, moderate. Some pyrrhotite, disseminated - blebs, pervasiv. 5% pyrrhotite, 0.25% Chalcopyrite. Buff grey.</p>

Hole Name: 6HT 07-03

Metarage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			Felsic (Dacitic?) intrusive. 19680-19770 Pyrrhotite
197.70	211.10	Pyroclastic - "Quartz lapilli-tuff sericite? alt.	Similar to rock type/interval 156.60-193.70 above, especially 167.70-193.70 sub-interval of the overall interval. 197.70-199.00 No visible sulphide 202.50-204.00 Pyrrhotite 204.00-205.50 No visible sulphide. 205.50-205.80 Sericite? alteration, pervasive, weak, Trace disseminated pyrrhotite. Grey. "Quartz" lapilli-tuff 208.50-210.00 Pyrrhotite 210.00-211.10 No visible sulphide
211.10	216.00	Intensive - High level - Felsic (Dacitic?) sericite? siliceous alt	Similar to rock type/interval 193.70-197.70 above. Both upper and lower contacts are broken. Sericite? alteration pervasive. Siliceous/ epidote? breccia. minor chlorite stringers/veinlets 45° CA 211.10-212.70 Pyrrhotite 212.70-213.00 Sericite? and carbonates alteration. Sericite is pervasive, weak-Moderate, Carbonate is banded- veinlets with some pyrrhotite associated. Buff grey. Felsic (Dacitic?) intrusive. 213.00-214.50 Pyrrhotite 214.50-216.00 Pyrrhotite

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
216.00	219.00	Pyroclastic - "Quartz" lapilli-tuff. Sericite? alt.	Similar to rock type / Interval 155.60 - 193.70 above, especially 167.70 - 193.70 sub-interval of this overall interval. 216.00 - 217.70 Pyrrhotite 217.70 - 218.00 Sericite? alteration, pervasive, weak. trace disseminated pyrrhotite. Grey. Coarse "Quartz" lapilli-tuff 218.00 - 219.00 chalcopyrite, pyrrhotite
219.00	297.60	Intrusive - mafic - chloritic alt.	Grey - dark grey. Typically fine- medium grained. 224.50 - 230.20 Fine grained - aphanitic Some intervals have leucoxene like mottling, while some other intervals have carbonate (10% HCl) mottling. 235.00 - 237.00 prominent quartz/carbonate vein with trace chalcopyrite. <sup>Parallel</sup> 245.50 - 246.50 sheared / faulted ground with a quartz/carbonate vein with associated pyrrhotite and chalcopyrite 45°C 272.50 - 276.50 Bedded ground / carbonate (10% HCl) breccia. 284.50 - 287.30 Dark grey, some intervals have a "silky" feel, ultramafic? overall, <del>the</del> Rock type / interval has no PbPbC or prominent mineralization. Upper and lower contacts are chilled. The alteration is chlorite? pervasive, weak. Base on color, possible leucoxene mottling, chlorite? alteration and grain size, <del>the</del> Rock type is mafic.

Hole Name: 6HT 0703

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			219.00 - 220.50 Pyrrhotite
			220.50 - 221.70 Pyrrhotite
			221.70 - 222.00 chloritic? alteration, pervasive, weak, trace disseminated pyrrhotite. Grey. Fine grained intrusive.
			222.00 - 223.50 Pyrrhotite
			223.50 - 225.00 pyrrhotite
			225.00 - 225.30 chloritic? alteration, pervasive, weak. Minor pyrrhotite associated with siliceous/opidote blebs Grey. Fine grained intrusive.
			234.00 - 235.00 NO visible sulphide
			235.00 - 236.00 Chalcopyrite / carbonate vein
			236.00 - 237.00 chalcopyrite / carbonate vein
			237.00 - 237.30 chloritic? and carbonate alteration, both pervasive and weak. Trace fine disseminated pyrrhotite. Grey. Fine grained. Matrix intrusive
			243.00 - 244.50 NO visible sulphide
			244.50 - 245.50 Pyrrhotite
			245.50 - 246.00 pyrrhotite, chalcopyrite carbonate vein 45°C 10% core loss.
			246.00 - 246.50 NO visible sulphide 20% core loss
			246.50 - 247.50 Pyrrhotite
			255.00 - 255.30 chloritic? and carbonate alteration, both pervasive, chlorite is weak-moderate, carbonate

Hole Name: **6HT 07-03**

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			in weak. Some fine disseminated pyrrhotite. Grey, medium-fine grained, Mafic intrusive.
		25530-25650	pyrrhotite
		267.00-268.50	pyrrhotite, chalcopryite
		268.50-270.00	pyrrhotite
		270.00-270.30	chlorite alteration, perivasial, weak-Mafic minor fine disseminated pyrrhotite. Grey, medium grained. Mafic intrusive
		286.50-286.80	chloritic and leucokone? alteration, both perivasial. chlorite alteration is medium- strong. minor fine disseminated pyrrhotite Dark grey-black. Fine grained-ophanitic. Mafic-ultramafic intrusive.
		292.50-294.00	pyrrhotite, chalcopryite
		294.00-294.30	chlorite? alteration, perivasial, weak. Minor medium-fine disseminated pyrrhotite. Grey, fine grained. Mafic intrusive.



Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
297.60	351.00	Pyroclastic - ("Quartz") lapilli-tuff	Grey. Fine grained - angular clasts up to 2cm wide. 297.60-302.00 Some black argillite bands in part 318.60-319.80 Gouge/shear zone. 331.50-333.00 contains minor graphitic argillite/transitional to 333.00-342.60 <sup>very fine grained</sup> unit below. Overall, clasts are dominantly off-white colored. There is no pronounced grading/sorting or way-up structure. Grain size and clast size are variable, as is composition. Alteration is weak, possibly chloritic. No pronounced fabric/foliation. No pronounced (economic) mineralization. "Quartz" and variable clast lapilli-tuff. Some similarities with "Quartz" lapilli-tuff. Rock types/ intervals above, but "coarse" clast composition is more variable. 297.60-298.10 Pyroclastic 303.00-303.30 chlorite? alteration, pervasive, weak. No visible sulphide. Grey. Relatively coarse clasts 303.30-304.30 No visible sulphide. 317.70-318.00 chlorite? alteration, pervasive, weak. No visible sulphide. Grey. Relatively fine clasts-tuff. 324.00-324.30 chlorite? alteration, pervasive, weak. No visible sulphide. Grey. Relatively coarse clasts 324.30-325.30 No visible sulphide

Hole Name: 6HT 07-03

Meterage		Rock Type	Description Colour. Grain Size. Texture. Minerals. Alteration. etc.
From	To		
			330.00 - 330.30 chlorite? alteration, pervasive, weak. No visible sulphide. Grey. Relatively fine clasts - tuft.
			330.30 - 331.30 No visible sulphide
			333.00 - 334.50 Pyrochlore, Pyrite
			339.00 - 339.30 chlorite? alteration, pervasive, weak. NO visible sulphide. Dark grey. Fine grained - aphanatic.
			339.30 - 340.30 No visible sulphide
			349.50 - 349.80 chlorite? alteration, pervasive, weak. NO visible sulphide. Grey. Relatively coarse clasts
			349.80 - 351.00 No visible sulphide
351.00		END OF HOLE	