



31M05SE2015

2.20048

COLEMAN

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CABO MINING CORP.

Cobalt Project

Drill Hole Logs # CC7 - CC10

(December, 1999)

2.20048

RECEIVED

JAN 21 2000

**GEOSCIENCE ASSESSMENT
OFFICE**

CABO MINING CORP.

Drill Hole Log

Property: Cobalt Project

Hole No.: CC-7

Northing: 5246950 N

Easting: 599230 E

Claim #: 1212226

Drilled by: Heath & Sherwood Drilling (1986) INC.

Start: December 7 1999

Logged By: Seymour Sears

Collar Incl: -45 degrees

Bearing: 360 degrees

Core Size: NQ

Final Depth: 123.5 Meters

Elevation: 300 Meters

Finish: December 9 1999

Logged: December 12 - 13 1999

0 7.9 CASING

7.9 46.0 CONGLOMERATE (HURONIAN):

Very sparse rounded fragments, fine to medium grained, dark to medium grey to black, some massive sections with little or no clasts; clasts are predominantly mafic in composition; weakly jointed in upper sections (45 degrees, 65 degrees, 75 degrees, 90 degrees and some low angle, 3 - 4 per metre); very rare narrow well bedded layers; local narrow zones contain abundant angular to subrounded mafic xenoliths or fragments up to 3 cm. across.

18.5 - 18.8: Layered sediments, 4 cm. layered fine grained siliceous sediment at top (40 degrees to C/A) underlain by 25 cm. of breccia.

23.6 - 24.2: Fault zone, badly broken, minor calcite; chloritic slickenslide.

27.0 - 32.0: Fault zone, badly broken rock, abundant grey, white and orange calcite, chlorite along slips.

31.0: A 3 - 8 cm. orange syenite fragment, irregular orientation to the C/A.

35.5 and 35.7: Narrow irregular shaped orange syenite fragments; 5cm. and 7 cm. wide; orange.

37.1: Siliceous lens with pyrite; breccia?

37.4: A 2 cm. epidote - qtz veinlet; 40 degrees to C/A.

37.4 - 46.0: Fractured zone; badly broken; abundant narrow calcite veinlet at irregular orientation (25 degrees, 45 degrees, 55 degrees, 65 degrees) to the C/A; Py, Cpy and Sph often associated with the veinlets; 8 - 10 veinlets per metre; very bad jointing and fracturing often with talc, calcite, chlorite coatings; 10 - 15 joints/fracture per metre; 10 - 80 degrees to C/A.

46.0 123.5 BRECCIATED MAFIC VOLCANIC (KEEWATIN):

Zone is permeated with hairline fractures, calcite veinlets and fine grained chloritized wallrock forming

a breccia; locally the matrix material is also silicified and sulphide bearing; Unit is probably a feeder zone for overlying silver vein system; sulphides include Py, Cpy, Sph; Argentite sporadically from 62.2 to 63.9.

64.7: Below this point, breccia matrix becomes more epidotized as compared to chlorite in above zone; local calcite veinlets +/- sulphides (Py, Cpy, Sph); scattered pyritic zones.

75.5 - 76.0: Py, Cpy in calcite fractures and lenses.

79.5 - 81.8: Sulphide zone, < 2% Py, trace Cpy.

81.9: A 2 cm. calcite breccia veinlet with branching veinlets, chloritic margins barren.

90.2 - 90.45: Breccia vein, calcite matrix; < 1% Py, Cpy as coarse patches; 45 degrees to C/A.

90.7 - 92.6: Carbonated zone (calcite) with 1 - 3% Py; minor Cpy.

93.0 - 116.0: Epidotized section; network of fine, hairline epidote veinlets and stringers form a pseudo-breccia; locally these become 1 - 2 cm wide epidotized veinlets.

96.1 - 98.7: Mineralized zone; abundant (10 - 12 per metre) calcite +/- qtz stringers with Cpy, Galena, Sph and Py; chloritic margins; typically 30 - 35 degrees to C/A but some are irregular and gash fill type.

99.6 - 100.9: Mafic dyke; fine grained gabbro-diabase with no epidotized stringers except in a xenolith? from 100.1 to 100.3; upper contact sharp at 28 degrees to C/A; lower marked by an epidote veinlet (< 1 cm.) at 35 degrees to C/A.

113.2 - 115.6: Mafic dyke; diabase-gabbro, chloritic; massive textured; upper contact 35 degrees to C/A; lower contact marked by a 2.5 cm. calcite veinlet at 45 degrees to C/A; minor Py, Cpy with veinlet; dyke includes four narrow white calcite veinlets 0.5 - 1.0 cm., barren; 45 degrees to C/A.

116.0: Below this point, rock becomes pervasively epidotized and veinlet network is dark coloured, possibly chlorite; these veinlets occasionally also contain pyrrhotite.

118.4: A 3 cm. chlorite vein with calcite and Po, Cpy.

121.4 - 121.5: Chloritized vein with calcite, Py, Po, Cpy.

122.8: A 4 cm. chlorite-calcite vein with Py, Po, Cpy.

123.5 E.O.H.

* Core stored beside road to Professor Adit
on patented claim T19492

CABO MINING CORP.

Drill Hole Log

Property: Cobalt Project	Collar Incl: -65 degrees
Hole No.: CC-8	Bearing: 360 degrees
Northing: 5246950 N	Core Size: NQ
Easting: 599230 E	Final Depth: 113.7 Meters
Claim #: 1212226	Elevation: 300 Meters
Drilled by: Heath & Sherwood Drilling (1986) INC.	
Start: December 9 1999	Finish: December 10 1999
Logged By: Seymour Sears	Logged: December 13 - 14 1999

0 6.2 CASING

6.2 58.5 CONGLOMERATE:

Very sparse clasts; 1 mm to 5 cm.; rounded, mafic and rare granitic in a fine to medium grained matrix that looks like volcanic; dark grey to grey green; moderately jointed and fractured (10, 25, 50, 70 degrees to C/A, 4 - 5 per metre); scattered calcite veining, often with hematite staining and hematite coloured feldspar in upper part of hole; epidote stringers and patches commence below 50 metres; Lower 2.0 metres contain 4 very narrow stringers (calcite, qtz, chlorite) with minor sulphides (Py, Cpy, Sph.); Lower contact at 48 degrees to C/A.

58.5 113.7 ALTERED BRECCIATED MAFIC VOLCANIC ROCKS:

Pale to medium grey green; highly sausseritized; strongly deformed rock; brecciated appearance caused by alteration seams, fractures and hairline veinlets (sausseritized, chloritic); probably consisted of massive flows, pillowed flows, pillow breccia and minor interflow sediment; moderately jointed and fractured (4 - 5 per metre) at various angles to the C/A (30, 50, 60, 75 and 80 degrees); locally mineralized along calcite +/- qtz veinlets.

58.5 - 63.0: Mineralized zone; zone contains abundant calcite +/- qtz - chlorite veinlets with Py, Cpy, Sph.; 2 - 3% sulphide overall; unit was probably a pillow breccia, some remnant pillow margins are still evident; probable feeder zone for overlying silver vein system.

67.0: A 2 cm. chert layer or possible felcrite dyke; pinkish orange; 50 degrees to C/A; minor pyrite along margins.

68.9 - 70.5: Scattered calcite and orange feldspar veinlet and gash fillings.

72.0 - ???: Epidotized Zone; intense epidote filled fractures and network of hairline stringers make rock a

pale green colour overall; badly jointed and fractured (6 - 10 per metre) at 50 degrees, 60 degrees, 80 degrees and many at low angle 0 - 10 degrees to C/A; scattered narrow (< 5 mm) calcite veinlets +/- qtz, chlorite, epidote, sulphides.

76.6: A 2 mm. calcite veinlet, 40 degrees to C/A with minor sphalerite.

79.1 - 79.4: Calcite-epidote veinlets (3) with minor pyrite, sphalerite, chalcopyrite.

80.7: Epidote-quartz veinlet, 1 cm. wide, 80 degrees to C/A with Py, possible cobalt-arsenic grains.

84.1 - 85.1: Badly broken zone, slickenslide fragments (fault).

86.9 - 89.6: Mafic dyke; gabbro-diabase, dark grey green; fine grained, massive; includes a 3 cm. chlorite-epidote-feldspar vein at 88.7, 80 degrees to C/A; upper contact irregular, broken 40 - 60 degrees to C/A; Lower contact sharp at 53 degrees to C/A.

88.8 - 89.5: Fault zone; badly broken core, slickenslide fragments, some calcite, talc.

94.5: A 2 - 3 cm. chlorite-calcite-epidote veinlet with trace Py, Sph; 40 degrees to C/A.

95.4: A 1 cm. calcite veinlet, barren, epidotized margins, 80 degrees to C/A.

100.3 - 100.6: 3 narrow qtz- epidote-calcite veinlets, chloritic margins, all less than 0.5 cm. wide; 70 - 85 degrees to C/A; contains Py, Cpy and Sph.

102.6 - 103.0: Chloritized zone with Po, Py, Cpy (< 3% overall).

104.4 - 105.5: Diabase dyke; fine to medium grained, medium to dark grey green, massive uniform texture; includes a 0.5 cm. wide calcite veinlet (80 degrees to C/A) with 30% sphalerite at 105.0.

107.0 - 107.8: Highly sausseritized zone, scattered Po, Py and Sphalerite.

107.8 - 107.95: Mafic dyke; fine grained, dark grey to black, sharp contacts 57 degrees to C/A.

109.5 - 111.0: Fault zone; badly broken rock; talc, gouge, hematite staining.

110.3 - 110.8: Calcite stringer with hematite, sphalerite.

111.6 - 112.0: Epidote matrix in situ breccia, mafic fragments with Py, Po, Cpy, Sph (< 1% overall).

112.7 - 113.7: Siliceous upper section underlain by 0.3 metres of fault gouge material in which the hole was terminated; scattered Po, Sph in upper part as stringer and patches; minor Py, Cpy in fault broken material at bottom.

113.7 E.O.H.

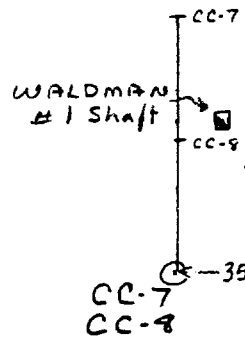
* Core stored beside road to Professor Adit
on patented claim T19492



CLAIM #
L-1212226

Claim boundary

TO COBALT ↑

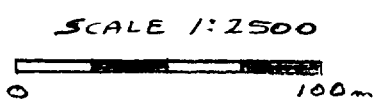


Hound Chutes Road

Claim boundary

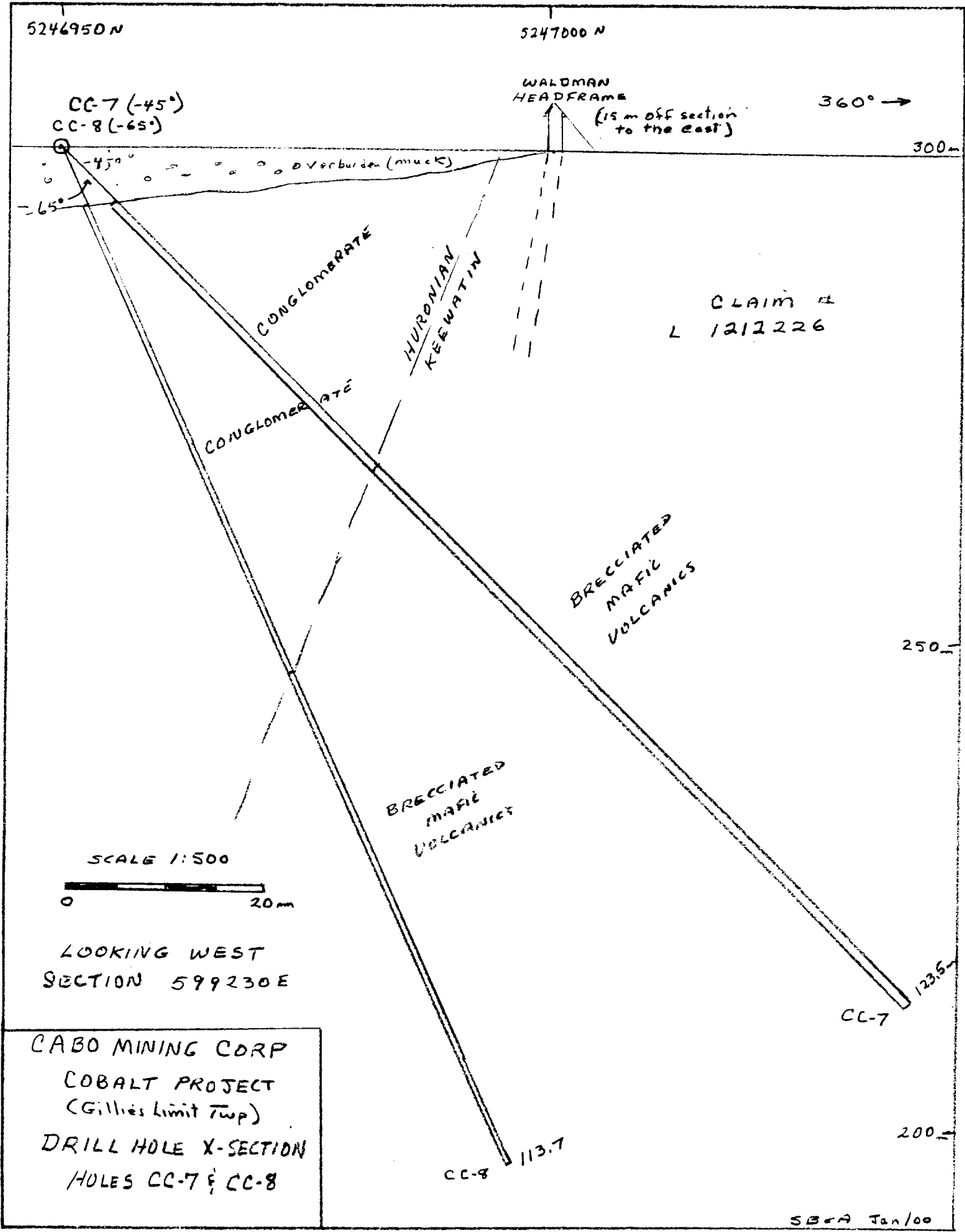
Claim #
L-1212231

Post # 2
L 1212226



CABO MINING CORP
COBALT PROJECT
HOLE LOCATION SKETCH
(Gillies Limit Northwing)
HOLES CC-7 & CC-8

SBCA, Jan/00



CABO MINING CORP.

Drill Hole Log

Property: Cobalt Project	Collar Incl: -45 degrees
Hole No.: CC-9	Bearing: 230 degrees
Northing: 5243600 N	Core Size: NQ
Easting: 599710 E	Final Depth: 233.2 Meters
Claim #: 1212233	Elevation: 330 Meters
Drilled by: Heath & Sherwood Drilling (1986) INC.	
Start: December 12 1999	Finish: December 16 1999
Logged By: Seymour Sears	Logged: December 15 - 18 1999

0 4.5 CASING

4.5 45.0 MAFIC BRECCIA:

Brecciated mafic volcanic rocks; dark greenish grey overall with light grey patches and stringers; upper portion may have been mainly a pillow breccia (re-recciated); brecciation caused by alteration (sausserite, chlorite) and fracture filling (calcite); difficult to establish primary layering but appears to be between 50 and 60 degrees to the C/A; abundant calcite stringers and veinlets in upper part, also 2 - 3% sulphides overall in upper part 9 Py, local Sph); weak jointing and fracturing (3 - 4 per metre) at 40, 60, 80 degrees to the C/A; Lower contact gradational over several metres.

4.5 - 28.0: Sulphide zone; 2 - 3% sulphides (Py) as coarse patches and stringers; local zones contain light brown sphalerite.

10.3 - 10.6: Fault zone or seam; badly broken, rusty fragments and muddy gouge.

12.1: A calcite veinlet zone (4 veinlets, varying angles) with trace galena, Cpy.

12.5 - 12.8: Scattered sphalerite with pyrite patches, < 1%.

13.6 - 14.0: Sphalerite as patches and with pyrite patches < 1% Sph.

16..3 - 16.7: Scattered sphalerite, Py patches (< 1%)

19.0 - 21.7: Scattered sphalerite as patches, usually with Pyrite; < 1% overall.

23.5 - 23.9: Scattered sphalerite; < 1%.

25.4 - 26.0: Sulphide zone, 5 - 10% sulphides, mostly pyrite minor Po, Sph.

28.0 - 32.6: Diabase dyke; fine to medium grained, medium grey green, massive; non-magnetic; upper contact at 25 degrees to C/A; lower broken; a 3 cm. wide serpentinized vein at 30.8, 65 degrees to C/A.

32.6: Below 32.6 the breccia clasts are intensely

sausseritized to a pale grey and the matrix material is chloritized, dark grey green to black; local zones contain Py, Po, rare Sph.

40.5 - 41.3: Sulphide zone; less than 2% Py/Po as coarse patches.

45.0 93.2 MAFIC VOLCANIC ROCKS:

Medium to dark grey green; highly epidotized, locally chloritic, generally pillowed unit although pillow margins are sometimes vague; abundant calcite-qtz-epidote veinlets, often with sphalerite or pyrite; moderately to weakly jointed and fractured as above (3 - 4 per metre), 30, 40, 50 and 70 degrees to the C/A.

51.1 - 53.6: Sphalerite stringer zone; 8 - 10 narrow calcite + qtz veinlets (< 5 mm) and gash filling at various orientations to the C/A.

58.3 - 58.8: Strongly epidotized zone, trace Py, Sph.

60.0 - 61.5: Sphalerite stringer zone; scattered calcite-qtz stringers (< 1 cm) with sphalerite, often massive vein filling.

67.3 - 67.8: Heavily epidotized zone; bright green with orange coloured (hematite stained) feldspar locally; minor Py.

68.0 - 80.0: Within this interval, unit includes local brecciated sections; consisting of epidotized rounded fragments in a chloritic fine grained matrix; minor pyrite.

81.8 - 82.1: Deformed zone with epidote, calcite, minor Cpy and trace galena.

84.8 - 85.2: Probable interflow sediment with trace Cpy, Sph.

93.2 97.2 BRECCIA:

Generally small (1 mm to 3 cm) epidotized fragments in dark grey green to black chloritic matrix, often is an insitu breccia but sometimes, when coarser, appears mechanical; local reddish brown hematite (?) altered; minor pyrite, local sphalerite patches; distinct layered appearance, 50 - 60 degrees to C/A; lower contact broken.

97.2 102.6 SYENITE DYKE:

Reddish orange, hematized feldspar, massive, with stringers and gash fillings of chlorite; small (< 1 mm) feldspar phenocrysts appear faintly throughout, barren; lower contact irregular 30 - 60 degrees to C/A.

102.69 105.2 BRECCIA:

Similar to above (93.2 - 97.2); well layered, both breccia units may have been formed by shearing during the intrusion of the enclosed red-orange syenite dyke; several hematized layers from 1 - 3 cm within this

unit, up to 1 % pyrite overall, up to 2% in lower metre.

105.2

161.0 EPIDOTIZED MAFIC VOLCANIC ROCKS:

Very strongly epidotized (sausserite) zones make up 50% of rock; unit appears to have been a pillowed mafic volcanic, but now has a brecciated appearance due to epidotized fragments and layers within a dark coloured matrix; local zones are also hematized; unit is pale to medium grey overall with local dark grey areas and occasional orange and cream coloured zones of intense sausseritization + hematization; scattered calcite veinlets with epidote, qtz, pyrite, talc; pyrite also occurs as coarse patches and lenses.

107.7 - 108.1: Intensely altered zone; epidote, hematite, chlorite trace Py.

111.8 - 112.1: Intensely altered zone; sausserite, green epidote, hematite, trace Py.

120.2 - 120.4: Fault; gravel and sand recovered.

120.4 - 121.1: Intensely altered zone, sausserite, very light grey to cream; minor pyrite as small patches.

131.7: Coarse Pyrite patch 3 cm. X 2 cm., no other sulphides.

132.0 - 132.9: Intensely sausseritized zone; trace Py, Sph.

133.9 - 134.4: Intensely sausseritized zone; chlorite stringers.

134.9 - 141.3: Intensely altered zone; 80% sausseritized, pale grey, cream; minor orange, rare pyrite.

139.5: A 1 cm. wide calcite-epidote vein with serpentine along margins, barren; 60 degrees to C/A.

148.0: A 2 cm. calcite-qtz-chl veinlet; irregular 20 - 50 degrees to C/A; 5% Pyrite.

158.0 - 159.0: Fault; badly broken rock; calcite coating on many fragments.

161.0

233.2 QUARTZ DIABASE (NIPISSING):

Medium grained overall, local coarse to pegmatitic zones; upper 5 metres are chilled to fine grained; dark grey green, locally light coloured due to coarse feldspar; abundant very narrow calcite+/-qtz+/-chlorite veinlets in upper 9 metres, fewer and more scattered below; epidote veinlets increase with increasing depth; weakly jointed and fractured overall (3 - 4 per metre) at 20, 30, 45, 60 and 70 degrees to C/A; occasional calcite veins in upper section, very rare below 170 metres; serpentine occupies veinlets below 170 metres.

163.5 - 163.6: Calcite vein system, 50% wallrock; upper contact 60 degrees to C/A, lower irregular; minor pyrite, epidote veinlet underlies vein, trace hematite.

165.6 - 165.7: Calcite vein, grey colour, impure; barren; 60 - 70 degrees to C/A; margins are serpentized, wallrock margins are epidotized for 0.5

cm.

166.4: A 5 cm. qtz-calcite-epidote vein; 60 degrees to C/A; minor pyrite.

168.9: A 3 cm. calcite-epidote vein at 40 degrees to C/A; minor Py, trace Sph.

174.1 - 175.9: Serpentinized zone; serpentine occurs as veinlets as well as locally pervasive; brown mineral (possibly sphalerite) accompanies many veinlets; up to 1% overall.

178.9: A 5 cm. epidote-calcite-chlorite vein, 30 - 45 degrees to C/A; minor pyrite, hematite, sphalerite?

179.3 - 179.5: Epidote-calcite vein or irregular patch; 40% wallrock inclusion (or unaltered); minor hem, pyrite, Sph?

184.0: Below this point, diabase is generally massive uniform textured with local narrow coarse grained to pegmatoidal phases. These coarse phases are typically from 1 cm. - 10 cm. wide and frequently have a fine grained margin, particularly on the upper margin. They average about 1 per metre over the interval from 184.0 - 200.0 but are often clustered close together.

200.7 - 205.0: Fault zone; badly broken rock; serpentine, talc, chlorite as plating on many fragments.

205.8 - 206.5: Pegmatite; very black matrix; ragged margins; 30 and 45 degrees to C/A.

211.5 - 213.6: Fault zone; badly broken rock as above; serpentine, chlorite.

219.4 - 219.8: Coarse + fine grained black zone, chloritized dyke? or layer, coarse crystals at top 5 cm.

220.1 - 220.3: Fine grained black phase or layer, similar to above.

222.8 - 223.2: Coarse and fine grained, black matrix (chloritic) coarse grained at upper part.

227.8 - 228.5: Low angle serpentine veining.

233.2 E.O.H.

* Core stored beside road to Professor Adit
on patented claim T19492

CABO MINING CORP.

Drill Hole Log

Property: Cobalt Project	Collar Incl: -45 degrees
Hole No.: CC-10	Bearing: 30 degrees
Northing: 5243600 N	Core Size: NQ
Easting: 599710 E	Final Depth: 112.0 Meters
Claim #: 1212233	Elevation: 330 Meters
Drilled by: Heath & Sherwood Drilling (1986) INC.	
Start: December 16 1999	Finish: December 18 1999
Logged By: Seymour Sears	Logged: December 18 - 19 1999

0 3.5 CASING

3.5 6.8 MAFIC VOLCANIC ROCKS:
Dark grey green, massive flow, moderately deformed; scattered calcite +/- qtz veinlets and gash filling; network of hairline epidote veinlets, chloritic stringer and patches in lower metre; lower 0.5 metre is sheared, carbonated and pyritic, also has a trace of Cpy, rare Sph; lower contact broken but appears to be 45 degrees to C/A; weakly to moderately fractured and jointed (3 - 4 per metre) 45 and 25 degrees to C/A.

6.8 14.0 FELSIC DYKE (SYENITE):
Brownish red with dark chloritic patches, stringers and streaks; faint ghosts of small (1 - 2 mm) feldspar; barren; jointing and fracturing as above; lower contact badly broken.
8.05 - 8.4: Sheared zone with calcite, chlorite, qtz, Pyrite, Cpy, Sph; 35 degrees to C/A.

14.0 38.3 MAFIC VOLCANIC ROCKS:
Massive and pillowed flows; minor flow breccia and interflow sediments; medium to dark grey green except paler grey in local altered zones (epidote, calcite) as in the upper 23 metres; scattered zones of calcite and calcite-qtz stringers; local chloritized zones and narrow shears; jointing and fracturing generally weak (3 - 4 per metre) at 25, 45 and 60 degrees to C/A in upper part, becoming 40, 65 degrees below 35 metres.
14.0 - 13.7: Altered zone (sausserite, calcite, chlorite); pale to medium grey green.
23.4 - 26.0: Sheared zone, or fault; chlorite, talc; four narrow 1 - 5 cm qtz veinlets included; with minor Pyrite, Cpy and trace galena; upper contact marked by a 5 cm. qtz veinlet; lower abrupt at 65 degrees to C/A.
29.35 - 33.2: Stringer zone; cluster of calcite and qtz stringers in a weakly chloritized zone; Py, Cpy, galena

+ sphalerite often associated with these stringers; generally at 45 - 60 degrees to the C/A.

38.3 43.1 MAFIC DYKE:

Dark grey green, fine to medium grained, massive, uniform; margins relatively unchilled; contacts irregular 56 and 55 degrees to the C/A; scattered chloritized streaks and stringers with Cpy, galena rare sphalerite.

43.1 66.0 MAFIC VOLCANIC ROCKS:

(As above) Scattered calcite/qtz stringers and narrow veinlets, minor Py.

66.0 112.0 SILICIFIED ZONE:

Very fine grained, slightly orange coloured grey green due to hematite staining of feldspar; well banded from 45 - 50 degrees to the C/A, possibly a shearing fabric; may be an interflow unit; 2 - 3% sulphides overall (Py, Po, Cpy) as patches and stringers parallel to foliation. Scattered calcite-qtz veinlets and gash filling, hairline to 2 cm. wide, often with coarse Cpy, Py, galena and sphalerite; unit is quite magnetic.

67.0: 1 cm. gash with Cpy, galena, Py, Sph.

68.0 - 70.0: Well mineralized zone (Cpy, Py, Sph) with several calcite-chlorite veinlets also containing Cpy, galena, Py, Sph.

74.8 - 75.4: 3 calcite-qtz veinlets < 1 cm. wide with Cpy, galena, Py; similar mineralization accompanies several chloritic stringers.

77.0 - 77.6: Sulphides (Cpy, Py) in foliation plane lenses and stringers, as well as in several gashes and calcite-qtz-chl veinlets < 5% sulphides overall.

79.9 - 80.9: Sulphides (Py, Cpy, Po) in foliation associated stringers as well as in calcite-qtz veinlets.

82.0 - 83.0: Hairline fracture network (qtz, calcite) with Py, Cpy, Sph; includes one late calcite-qtz-chl veinlet with galena, Cpy, Sph.

84.9 - 86.0: Sulphide zone; 4 - 5% Py, Po with traces of Cpy, Sph. Hairline fracture network as well as foliation related.

86.6 - 87.3: Sulphide zone; 7 - 8% Py, Po with traces of Cpy, Sph mainly as lenses and stringers associated with foliation.

97.8 - 98.3: 5 qtz-calcite veinlets and many tension gash fillings; scattered Py, Cpy with veinlets.

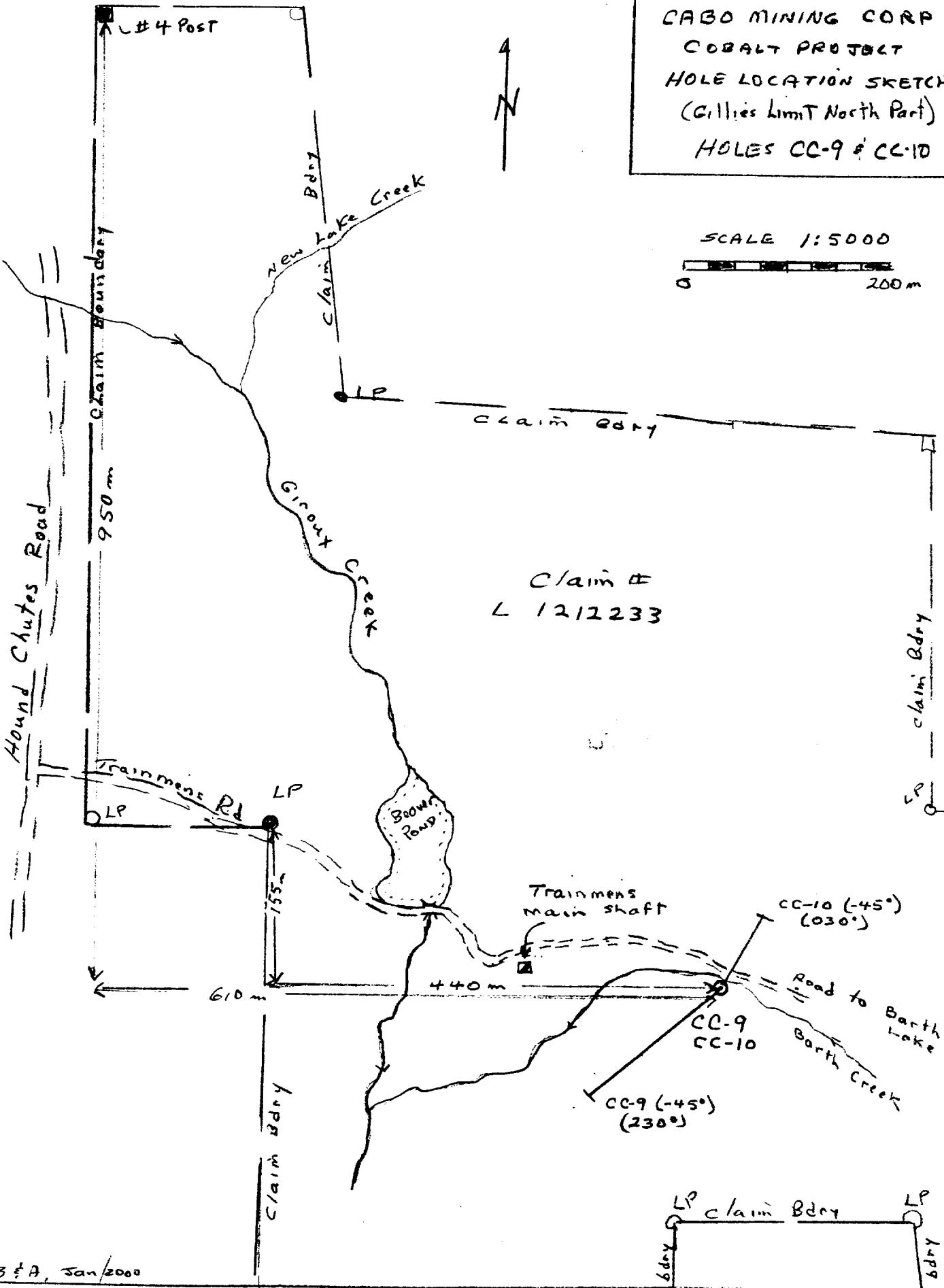
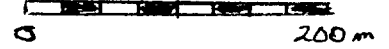
98.3: Below this point, pyrite content decreases and calcite-qtz veinlets are rare.

112.0 E.O.H.

* Core stored beside road to Professor Adit on patented claim T19492

CABO MINING CORP
 COBALT PROJECT
 HOLE LOCATION SKETCH
 (Gillies limit North Part)
 HOLES CC-9 & CC-10

SCALE 1:5000

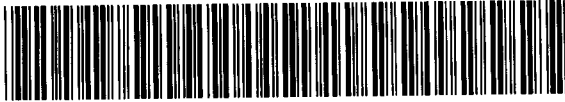




Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) W0080.00045 Assessment Files Research Imaging



31M05SE2015 2.20048 COLEMAN

900

of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the to review the assessment work and correspond with the mining land holder. ng Recorder, Ministry of Northern Development and Mines, 6th Floor,

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240. - Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Form with fields for Name, Address, Client Number, Telephone Number, and Fax Number for Outcrop Explorations Ltd. and Murray Simpson.

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

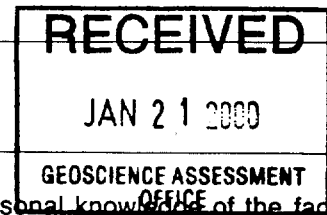
Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling, stripping, trenching and associated assays Rehabilitation

Form with fields for Work Type (Drilling), Office Use, Dates Work Performed, Global Positioning System Data, Township/Area (Gillie's Limit North), Mining Division (Harder Lake), and Resident Geologist District (Kirkbush Lake).

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required; - provide proper notice to surface rights holders before starting work; - complete and attach a Statement of Costs, form 0212; - provide a map showing contiguous mining lands that are linked for assigning work; - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Form with fields for Name, Address, Telephone Number, and Fax Number for Sears Barry & Associates Ltd (S. Sears).



4. Certification by Recorded Holder or Agent

I, Seymour M. Sears, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Form with fields for Signature of Recorded Holder or Agent, Date (Jan 20/2000), Agent's Address, Telephone Number, and Fax Number.

Am on April 9th 2000

5. Work to be recorded and distributed. ^{X Amendment Y} Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W0080.00045

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$28,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
14 1212226	3	14,776	φ	12,776	2,000
2 1212233	6	21,968	φ	13,447	8,521
3 1193777	7	φ	5,600	φ	φ
4 1193779	14	φ	11,200	φ	φ
5 1217800	15	φ	9,423	φ	φ
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		\$36,744	\$26,223	26,223	10,521

I, Seymour M Sears (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: (S. Sears) (letter in file) Date: Jan 20, 00

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2' or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

JAN 25 '00 10:58

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

705 856 1147

PAGE.02

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

Personal information collected on this form is obtained under the authority of subsection 8(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
DIAMOND DRILLING	582 metres @	\$53.70/m	\$31,251.00
Supervision, Logging Core, Hole spotting etc. (Geo + assistants)	16 Man Days @	\$262.50/day	4,200.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
N/A.			
Transportation Costs			
Vehicle	870 Kms @	30¢	\$261.00
Food and Lodging Costs			
Accom + Meals (Haystack Motel etc)	16 Man days @	\$64.50	\$1032.00
Total Value of Assessment Work			\$36,744

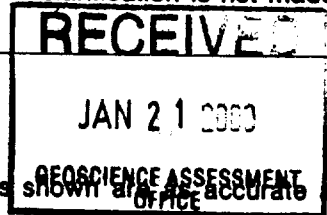
Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK $\times 0.50 =$ Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.



Certification verifying costs:

I, Seymour M. Sears (please print full name), do hereby certify, that the amounts shown are accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: [Signature] Date: Jan 20/00
(S. Sears)

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

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

March 10, 2000

OUTCROP EXPLORATIONS LIMITED
12 MARTIN DRIVE
COBALT, ONTARIO
P0J-1C0

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.20048

Status

Subject: Transaction Number(s): W0080.00045 Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact STEVE BENETEAU by e-mail at steve.beneteau@ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20048

Date Correspondence Sent: March 10, 2000

Assessor: STEVE BENETEAU

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0080.00045	1212226	GILLIES LIMIT (N.)	Approval	March 09, 2000

Section:
16 Drilling PDRILL

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

OUTCROP EXPLORATIONS LIMITED
COBALT, ONTARIO

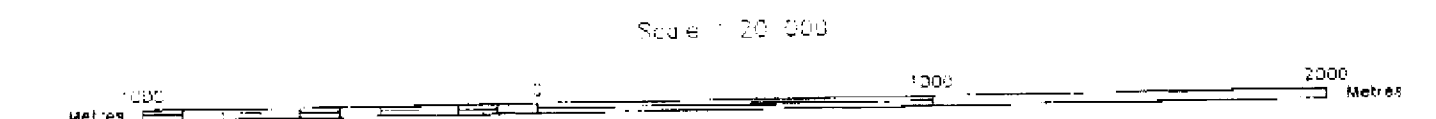
MURRAY D SIMPSON
LATCHFORD, ONTARIO

INDEX TO LAND DISPOSITION

PLAN
 G - 3429

TOWNSHIP
**GILLIES LIMIT
 (NORTH PART)**

M.N.R. ADMINISTRATIVE DISTRICT
TEMAGAMI
 MINING DIVISION
LARDER LAKE
 LAND TITLES/REGISTRY DIVISION
TIMISKAMING



DISPOSITION OF CROWN LANDS

- Patent**
 Surface & Mining Rights ●
 Surface Rights Only ○
 Mining Rights Only ○
Lease
 Surface & Mining Rights ■
 Surface Rights Only □
 Mining Rights Only □
 Licence of Occupation ▲
 Order-in-Council ○
 Cancelled ○
 Reservation ○
 Sand & Gravel ○
 LAND USE PERMIT ☆

THIS IS A SUBDIVIDED TOWNSHIP CLAIMS MUST BE STAKED IN SPECIFIC QUARTERS OF THE "BLOCKS" WHERE POSSIBLE. ALSO CLAIMS MUST BE STAKED CONFORMING TO THE SURVEY OF LOCATIONS AI-A100.

REGULAR "BLOCKS" ARE APPROXIMATELY 1600 METERS SQUARE. "A" LOCATIONS ARE APPROXIMATELY 8 HECTARES.

WHERE POSSIBLE STAKE TWO "A" LOCATIONS FOR MINIMUM SIZE CLAIMS.

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.+S. - MINING AND SURFACE RIGHTS

- Description Order No. Date Disposition File
 (R) SURFACE RIGHTS WITHDRAWN FROM STAKING, INSPECTING BY ORDER W-L-58796 NER SEPT 17/96 RESEARCH
 (R) SEC. 30, 1990 W-L-58796 SEPT 17/96 M+S
 PART OF ORDER W.L. 50 NER REOPENED BY ORDER O.DNT-06796 NERICA, EFFECTIVE MAR. 16/92 AT 4:30 PM EST
 PART OF ORDER W.L. 50 NER REOPENED BY ORDER O.DNT-07196 NERICA, EFFECTIVE JUNE 1/92 AT 7:00 AM EST
 (R) W-L-58796 NER SEPT 17/96 SRO ONT HYDRO
 (R) W-L-58796 NER SEPT 17/96 SRO PIPELINE

Sec. 35 W-L-14/99 NER APRIL 7 1999 M & S 195150
 Order No. O.L-15/99 NER August 16/99 M+S 195150

SYMBOLS

- Boundary
 Township, Meridian, Baseline
 Road allowance surveyed
 Road allowance unsurveyed
 Lot/Concession surveyed
 Lot/Concession unsurveyed
 Parcel surveyed
 Parcel unsurveyed
 Right-of-way, road
 Right-of-way, railway
 Right-of-way, utility
 Reservation
 C.H. Pile
 Contour
 Interpolated
 Approximate
 Depression
 Control point (horizontal)
 Flooded land
 Mine head frame
 Pipeline (above ground)
 Railway: single track
 Railway: double track
 Railway: abandoned
 Road, highway, county, township
 Road: access
 Road: trail, bush
 Shoreline (original)
 Transmission line
 Wooded area

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

THIS TOWNSHIP FALLS WITHIN THE TEMAGAMI COMPREHENSIVE PLANNING AREA. SPECIAL WORKING CONDITIONS MAY APPLY TO EXPLORATION ACTIVITIES. FOR MORE DETAILS PLEASE CONTACT:
 DISTRICT MANAGER,
 NORTH BAY DISTRICT,
 MINISTRY, NATURAL RESOURCES

