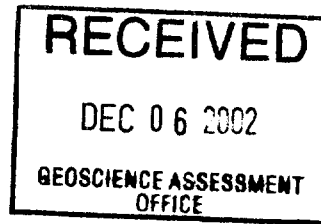


2 24617



**CABO MINING CORP.  
COBALT AREA PROJECT, ONTARIO  
(Lorrain Township)**

**DRILL HOLE CC-16, 17 & 18**

(Core stored on site)

December, 2002



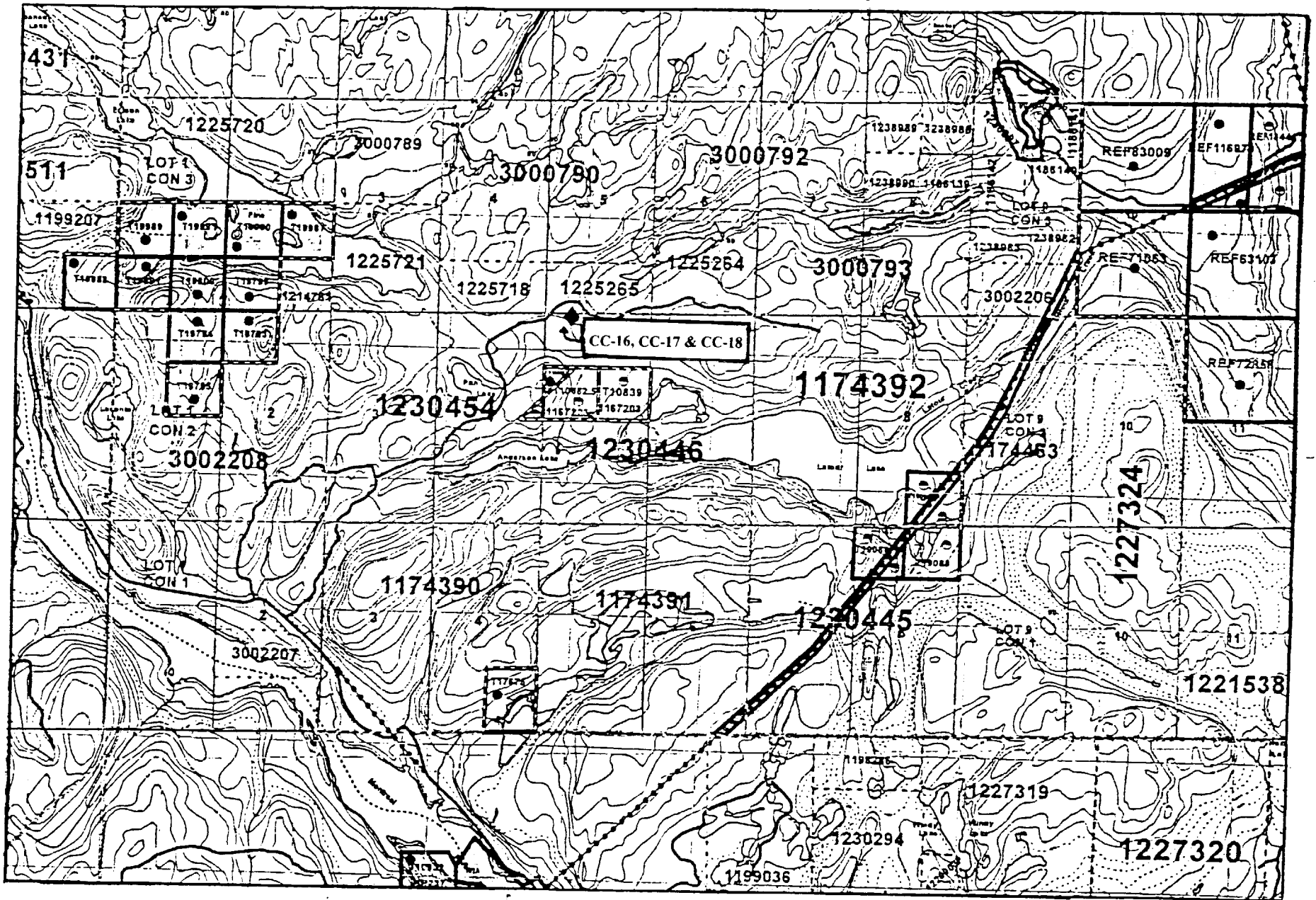
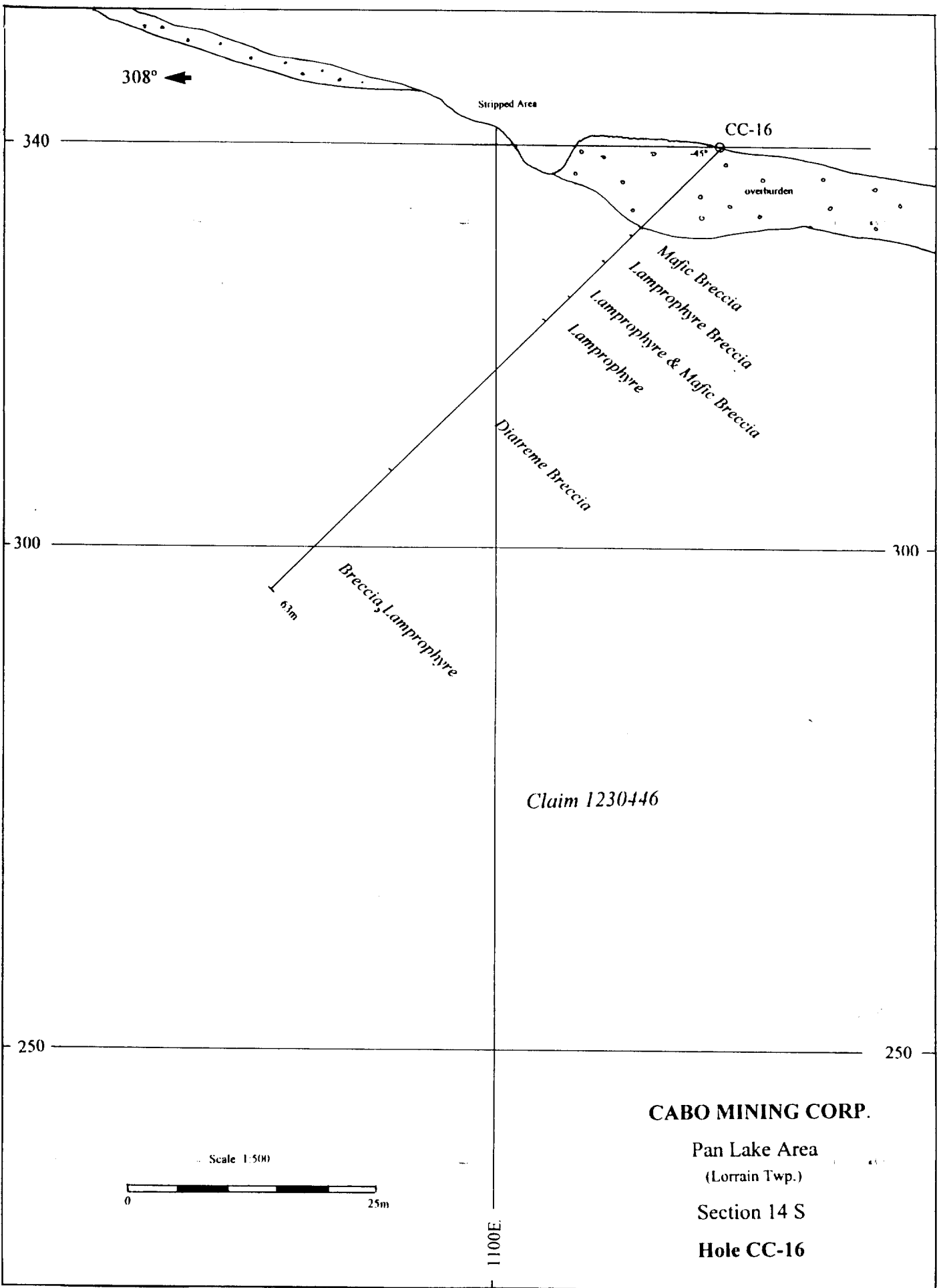


Figure 2: Claim sketch of south part of Lorrain Township, Cobalt Area, Ontario, showing drill hole locations Cabo Mining Corp.



308° ←

Stripped Area

CC-16

overburden

Mafic Breccia

Lamprophyre Breccia

Lamprophyre & Mafic Breccia

Lamprophyre

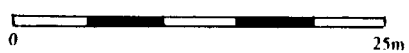
Diatreme Breccia

Breccia, Lamprophyre

63m

Claim 1230446

Scale 1:500



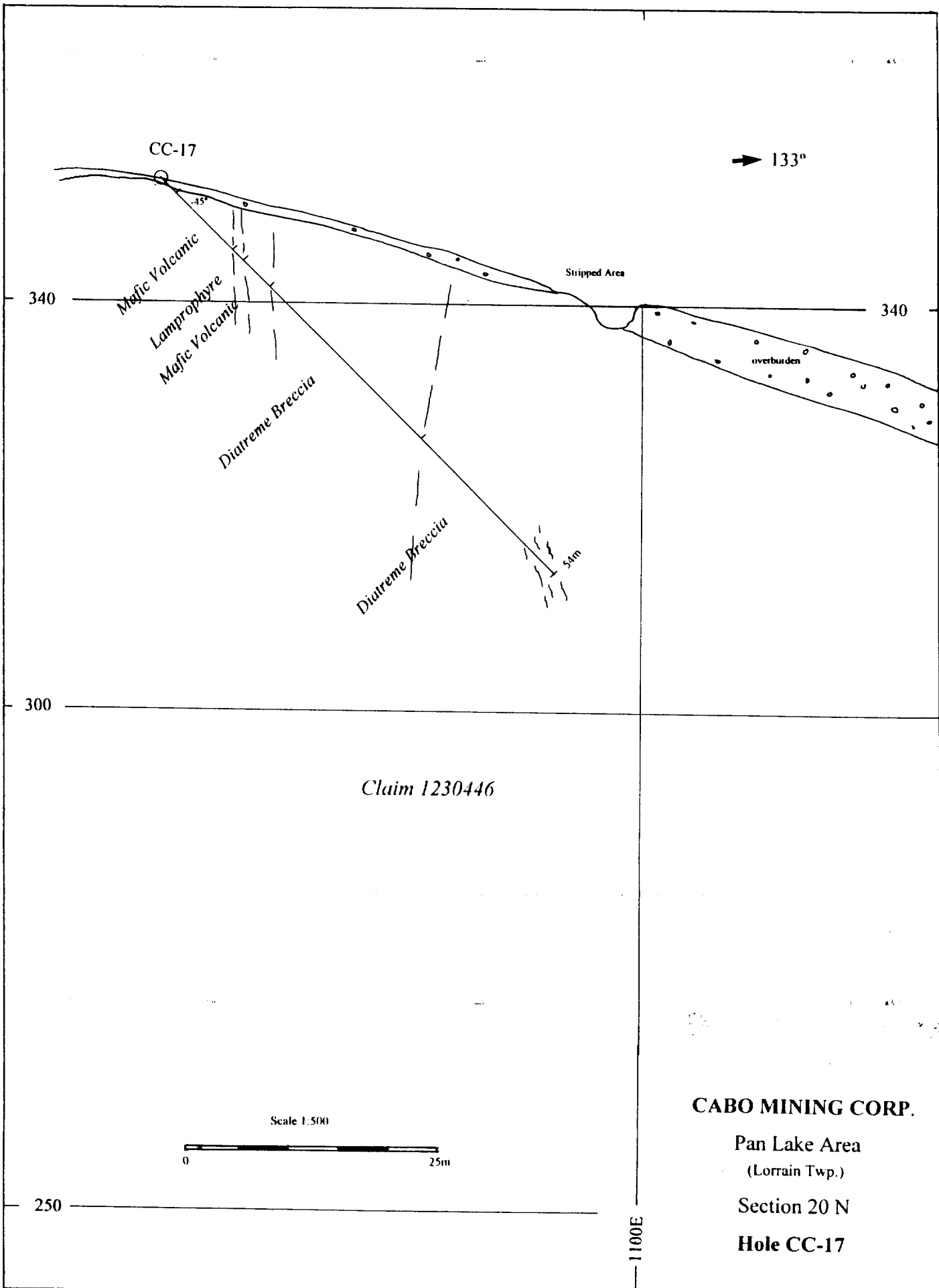
1100E

**CABO MINING CORP.**

Pan Lake Area  
(Lorrain Twp.)

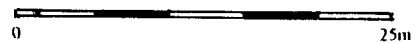
Section 14 S

Hole CC-16



Claim 1230446

Scale 1:500



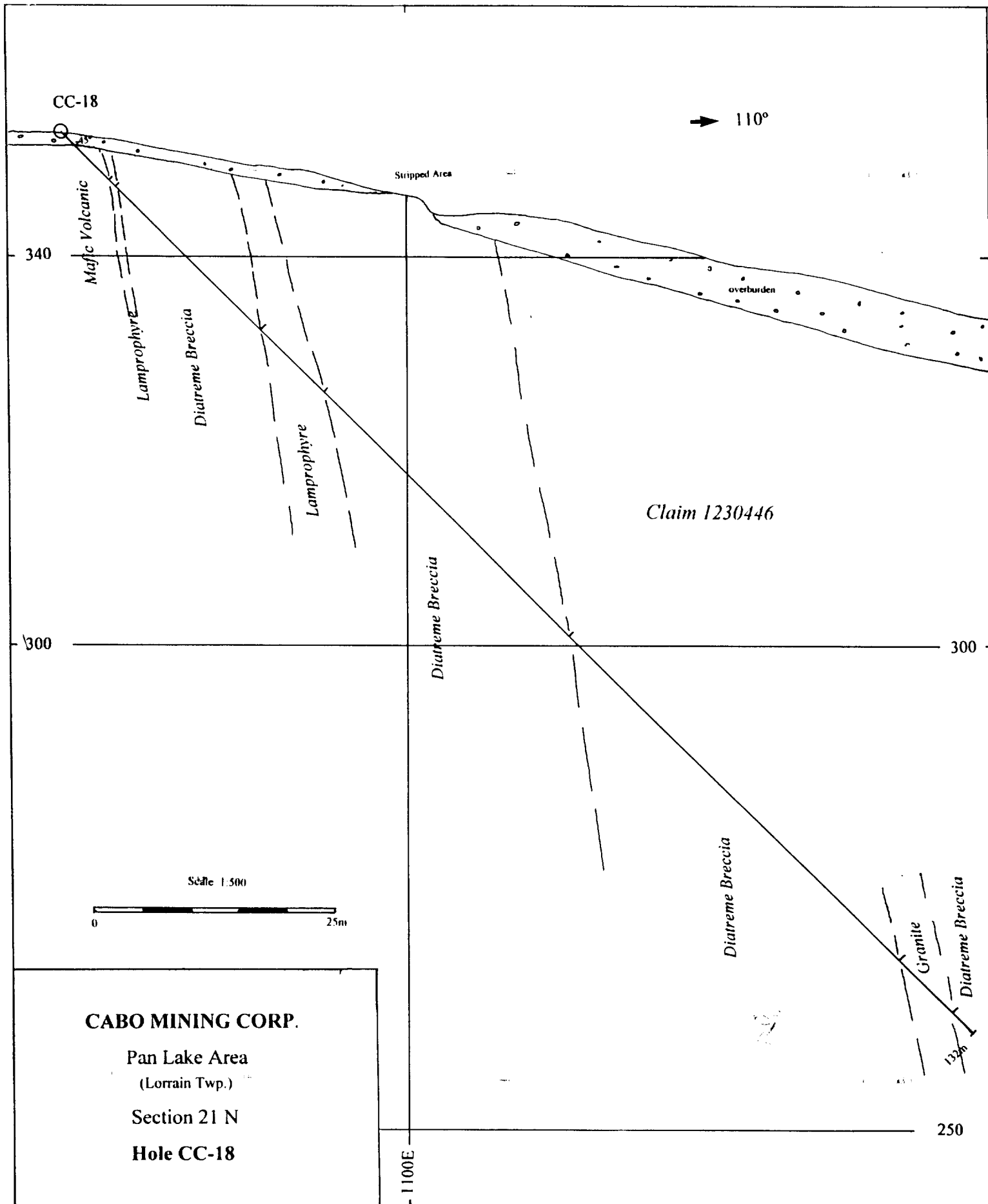
**CABO MINING CORP.**

Pan Lake Area

(Lorrain Twp.)

Section 20 N

Hole CC-17



CC-18

→ 110°

340

Stripped Area

overburden

Mafic Volcanic

Lamprophyre

Diatreme Breccia

Lamprophyre

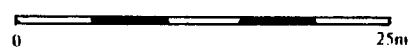
Claim 1230446

300

300

Diatreme Breccia

Scale 1:500



**CABO MINING CORP.**

Pan Lake Area  
(Lorrain Twp.)

Section 21 N

Hole CC-18

Diatreme Breccia

Granite

Diatreme Breccia

1200E

250

1100E

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt		
HOLE No.: CC16		
Collar Eastings: 1122.00	Collar Inclination: -45.00	Logged by: S. Sears (Nov 17)
Collar Northings: -14.00	Grid Bearing: 308.00	Date: Nov 15 - 16 2002
Collar Elevation: 340.00	Final Depth: 63.00 metres	Down-hole Survey: acid
Grid: Pan-Anderson	NQ Core	Drilled by Heath n& Sherwood
Claim# 1230446 Lorrain Twp.		

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH
0	11.4	OVERBURDEN (Casing to 12.0 m)	0.00	0.00	0.00
11.4	12.3	<p>MAFIC BRECCIA:</p> <p>Heterolithic, mostly granitic, generally small fragments, 80% being less than 5 mm; occasionally up to 3 cm, rounded to subangular, highly stretched, with long axis from 50 - 60 degrees to the C/A; scattered calcite and epidotized felsic, very fine veinlets; lower contact sharp at 50 degrees to C/A; rare lamprophyre clasts.</p>			
12.3	16.0	<p>LAMPROPHYRE BRECCIA:</p> <p>50 - 60 % lamprophyre with local massive zones; fragments are mainly orange granite (syenitic); chloritized throughout.</p> <p>12.3 - 12.7: lamprophyre, massive, scattered, small heterolithic xenoliths, mostly mafic to ultramafic.</p> <p>15.0 - 18.3 m: badly broken fault zone.</p>			

HOLE No: CC16



# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC16

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
16.0	21.0	<p>SYENITE - MAFIC BRECCIA: 30 - 40% orange syenitic fragments in a mafic matrix; generally broken and carbonated due to fault zone; mafic material has scattered rare biotite porphyrocrysts, may be some type of lamprophyre. 20.5 - 21.0 badly broken, fault zone.</p>			
21.0	24.5	<p>LAMPAROPHYRE BRECCIA: 30 - 40% lamprophyre; remainder consists of grey to orange granitic and mafic fragments in a fine grained, mafic matrix; locally badly broken; scattered fine calcite veinlets; lamprophyre is biotitic with relatively fine grained biotite porphyro; lamprophyre tends to occur as massive layers or patches.</p>			
24.5	45.9	<p>MAFIC - SYENITE BRECCIA (DIATREME): Similar to above (16.0 - 21.0) up to 50% brick orange fragments that are angular to rounded, generally stretched and aligned from 50 - 60 degrees to C/A; locally badly broken; sparse lamprophyre (&lt;1%). 23.0 - 26.0 fault zone, badly broken 28.0 - 29.2 fault zone, badly broken 32.4 - 35.2 fault zone, badly broken 39.1 - 39.3 deformed zone with calcite, pyrite, trace sphalerite</p>			

HOLE No: CC16

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC16

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		39.3 - 40.1 dyke, fine grained, mafic with very small felsic phenocrysts or xenoliths; upper contact 20 - 25 degrees to the C/A; lower contact at 40 degrees to C/A.			
45.0	63.0	LAMPROPHYRE DIATREME BRECCIA: Heterolithic, fragments dominated by grey to orange granitic rock; also include mafic and lamprophyre; lamprophyre occurs also as matrix material and as narrow bands; fragments range from mm scale to 10's of cm and are rounded to subangular.			
		46.6 - 46.9 fine grained mafic dyke, dark grey chilled appearance, include small xenoliths on broken felsic phenocrysts; contacts sharp from 42 - 45 degrees to the C/A.			
		56.0 a 2 cm calcite - quartz veinlet at 15 degrees to the C/A.			
		57.0 a 3 cm calcite veinlet at 18 degrees to the C/A.			
		57.3 - 60.3 fault zone; gouge zone with badly broken rock; includes several calcite + quartz veinlets up to 5 cm wide with associated magnetite and hematite and epidote; veinlets are at very low angle to the C/A; probably drilled down a narrow fault (<0.5 m wide).			
		61.8 - 62.1 calcite - gouge zone,			

HOLE No: CC16



# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC16

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		very low angle to the C/A.			
		63.0 END OF HOLE			

HOLE No: CC16

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt

HOLE No.: CC17

Collar Eastings: 1068.00

Collar Northings: 20.00

Collar Elevation: 352.00

Grid: Pan-Anderson

Claim# 1230446 on boundary

Collar Inclination: -45.00

Grid Bearing: 133.00

Final Depth: 54.00 metres

NQ Core

Logged by: S. Sears (Nov 20)

Date: 17 - 19 Nov 2002

Down-hole Survey: acid

Drilled by Heath & Sherwood

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
0	2.4	OVERBURDEN (Casing to 3.0 m)	0.00	0.00	0.00
2.4	10.0	<p>MAFIC VOLCANIC BRECCIA:</p> <p>Dark grey green with pale green epidotized pseudo-breccia zones; badly broken throughout with limonite stained joint and fracture planes; largest piece of intact core is 20 cm; typically amygdaloidal with epidotized reaction rims and feldspar and/or quartz cores; may be pillowed, but so badly broken it is difficult to be certain.</p>			
10.0	11.6	<p>LAMPROPHYRE:</p> <p>Appears to be a fine grained lamprophyre with biotite porphyroblasts but locally appears to have feldspar phenocrysts suggesting an intermediate to mafic dyke; upper and lower contacts badly broken as well as the dyke itself.</p>			
11.6	15.2	<p>MAFIC VOLCANIC ROCK:</p> <p>Same as above (2.4 - 10.0); lower contact broken and unclear; badly broken.</p>			

HOLE No: CC17



31M05SE2048 2.24617 LORRAIN

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC17

Page 2

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
15.2	36.2	<p>DIATREME BRECCIA: Biotite lamprophyre makes up from 20 - 80 % of zone as matrix, lenses and fragments; other fragments dominated by granitic rocks (felsic to coarse grained granite) but include mafic to ultramafic; badly broken throughout; includes many zones of calcite veinlets; generally dark grey-greenish black, with lighter grey to red fragments. 17.6 - 17.85 fault zone, badly fractured, jointed, with gouge. 19.1 a 1 cm granite dykelet; orange; oblique to layering at 120 degrees to C/A. 22.0 - 24.8: fractured zone with up to 5% calcite veinlets and breccia matrix. 25.8 - 27.0: fractured zone with 2 - 3% calcite veinlets including a 5 cm veinlet at 26.2. 26.0 - 36.2: zone contains abundant ultramafic fragments (including an unusual lamprophyre (mica rich, pale green colour); ultramafic fragments up to 15 cm at 27.0, 28.1, 29.7 and a large one from 31.7 - 32.1. 30.0 - 31.5: zone of orange felsic and coarse grained fragments, relatively small, highly stretched. 33.4: a 15 cm gabbro with trace disseminated</p>			

HOLE No: CC17

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC17

Page 3

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		cpy; magnetic 34.8 - 36.2: greenish coloured zone, 85% lamprophyre. 34.7 - 34.8: ultramafic fragment; coarse grained pyroxenite.			
36.2	54.0	DIATREME BRECCIA: Red fragment zone, relatively small rounded to subangular fragments in a relatively dark coloured matrix of lamprophyre and fine grained mafic rock; local calcite stringers and badly broken zones. 37.5 - 39.1: fault zone, generally badly broken rock with limonite, calcite and epidote gouge. 49.0 - 51.6: fault zone, badly broken. 52.6 - 54.0: fault zone, badly broken. 53.8 - 54.0: granitic dyke, dark coloured with brick red feldspar phenocrysts, contact badly broken.  54.0 END OF HOLE. (Hole lost due to bad ground.)			

HOLE No: CC17

2.24617

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt

HOLE No.: CC18

Collar Eastings: 1068.00

Collar Northings: 21.00

Collar Elevation: 352.00

Grid: Pan-Anderson

Claim# 1230446 on boundary

Collar Inclination: -45.00

Grid Bearing: 110.00

Final Depth: 132.00 metres

NQ Core

Logged by: S. Sears (22 Nov)

Date: 19 - 21 Nov 2002

Down-hole Survey: acid

Drilled by Heath & Sherwood

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
0	0.2	OVERBURDEN (Casing to 8.0 m)	0.00	0.00	0.00
0.2	7.0	MAFIC VOLCANIC: Dark grey- green-black, massive to pillowed, locally amygdaloidal; fine to medium grained, deformed; lower contact broken, over 0.3 m.			
7.0	8.0	LAMPROPHYRE: Biotite porphyroblasts up to 3 mm, sparsely distributed, chloritized; rare small mafic zenoliths.			
8.0	29.0	DIATREME BRECCIA: Lamprophyre From 20 - 60% of zone as fragments, lenses and matrix; fragments include granite (grey and brick orange coloured) mafic to ultramafic (pyroxenite) as well as lamprophyre; fragments range form mm scale to in excess of 10 cm; they are rounded to subangular; size of fragments varies as does the ratio of fragment to matrix; scattered calcite veinlets, generally very fine, but locally up to 2 cm with associated quartz; local zones of pyrite			

HOLE No: CC18



31M05SE2048 2.24617 LORRAIN

040

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

Page 2

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		as gash filling, coarse patches or disseminated grains; pyrite sometimes is part of fragments; layering at 40 - 50 o to the C/A.			
		8.0 - 20.5: coarse grained, >60% lamprophyre; fragments highly stretched and are mostly in obvious contact with each other; biotite is generally fine to medium grained fragments up to 10 cm.			
		20.5 - 23.7: fine grained zone, largest fragment 5 to 6 cm, mostly less than 1 cm; >60% lamprophyre mostly as matrix material; local zones of massive lamprophyre; stretching lineation at 40 - 47 o to the C/A.			
		22.3 - 22.45: massive lamprophyre, relatively fine grained, biotite.			
		23.7 - 25.4: fine grained zone, up to 50% lamprophyre, generally less; 40% of zone is fine grained mafic to intermediate volcanic, remainder is clasts of granite and other lithologies.			
		25.4 - 29.0: fine grained mafic rock with 10 - 30% fragments; minor lamprophyre unless zone is a fine grained phase of the lamprophyre unit.			
		25.9 - 26.15: fracture zone with 3 - 5 cm wide calcite vein and vein breccia; 20% ankerite; 20 o to the C/A, broken.			
		27.5 - 29.0: fault zone, badly broken rock;			

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		minor calcite veinlets; gouge at lower contact.			
29.0	38.1	<p>HYPABYSSAL PHASE LAMPROPHYRE: Biotite type; 80% lamprophyre with remainder being heterolithic xenoliths at various stages of digestion; biotite porphyrocyts are relatively coarse grained; xenoliths are rounded and often vague due to partial digestion; zone includes several large boulders of pyroxenite and mafic volcanic; scattered calcite veinlets.</p> <p>29.8 - 30.0: pyroxenite boulder, broken lower contact.</p> <p>30.0 - 30.6: badly broken zone with weathered fracture planes.</p> <p>31.5 - 31.6: fractured zone with fault gouge on fracture planes.</p> <p>32.0 - 32.25: fracture zone with fault gouge.</p> <p>32.4 - 32.95: pyroxenite boulder or possible dyke? Upper and lower contacts include calcite veining (1 cm) and 0.5 cm) at 30 degrees and 45 degrees to the C/A, strongly magnetic.</p> <p>33.3 - 33.65: mafic fragment, epidotized similar to some local bedrock in this area.</p> <p>34.6 - 34.95: pyroxenite boulder with 10 - 15% lamprophyre invading into fabric. Lower contact broken.</p>			

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
38.1	73.5	<p>DIATREME BRECCIA:</p> <p>Biotite lamprophyre makes up from 40 - 80 % of zone as fragments, lenses and matrix; other fragments include granite (felsite through coarse grained equigranular) making up &gt;50% of fragments, mafic volcanic (fine grained) and gabbro - diorite; fragments are relatively coarse grained overall (&gt;10 cm), rounded to sub angular, aligned from 40 - 50 o to the C/A; biotite porphyroblasts are generally from 1 - 5 mm in diameter.</p> <p>38.1 - 39.3: broken rock, fault zone, particularly badly broken at 39.0 - 39.3.</p> <p>43.9 - 44.1: deformed mafic fragment with 10% pyrrhotite.</p> <p>44.1 - 45.1: zone of 80% lamprophyre with mixed large and small fragments.</p> <p>45.1 - 50.0: very fine grained breccia fragments in a mafic matrix; about 80% of fragments are less than 1 cm, typically in the 2 - 5 mm range; they are rounded to subangular; locally up to 1% pyrrhotite, pyrite.</p> <p>48.1 - 48.65: massive biotite lamprophyre; upper and lower contacts subparallel to layering but at a low angle to it.</p>			



# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		47.6: A fault zone, 30 o to C/A.			
		49.0 - 49.3: two intersecting narrow calcite veinlets in fracture zone, 170 degrees and 50 degrees to the C/A.			
		50.0 - 50.3: mafic boulder, fine grained, probable gabbro.			
		50.2 - 52.6: diatreme breccia, as above, but with very little lamprophyre; matrix is a fine grained mafic rock, chloritic.			
		52.6 - 54.0: mafic dyke, gabbro - diorite; feldspar is generally orange, hematized or potassic altered; both upper and lower contacts are badly broken so contact relationship is not evident; entire unit is fractured; minor pyrrhotite, pyrite.			
		54.0 - 55.9: breccia zone, relatively fine grained fragments mainly of granite in a chloritized mafic matrix; scattered pyrite.			
		55.9 - 56.9: mafic dyke similar to 52.6 - 54.0; chloritized, minor pale green epidote; upper contact at 30 degrees to the C/A, lower contact at 60 o to the C/A.			
		56.9 - 59.6: breccia zone.			
		59.6 - 60.75: lamprophyre dyke, medium grained biotite porphyroblasts (up to 2 mm overall) in a very massive textured mafic matrix; minor hematite along fracture planes; upper contact oblique to the layering			

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		foliation of the breccia at 110 o to the C/A; very little biotite in lower part; includes an inclusion of breccia from 60.15 - 60.35; lower contact also oblique to the layering at 125 o to the C/A. 61.15: A 2.5 cm pinkish orange granite dykelet at 110 degrees to the C/A (oblique to layering). 61.65 - 61.75: two parallel dykes, upper one being mafic to intermediate in composition with orange feldspar phenocrysts and lower being a 2.5 cm granite; contacts are irregular but sharp at 105 - 115 degrees to the C/A, oblique to layering. 61.9 - 62.1: lamprophyre, greenish coloured, coarse biotite; broken conatcts, may be boulder. 62.1 - 63.05: breccia with fine grained very rare biotite porphyroblasts. 63.0 - 69.70: Quite badly broken with local crumbled zone with fault gouge, 68.0 - 69.2 is fragments and fault gouge. 63.4 - 63.8: calcite breccia veinlets, pinkish calcite, irregular orientations. 63.05 - 64.9: breccia, similar to above, but more abundant biotite porphyroblasts, dark coloured, fine grained. 64.9 - 65.75: fine grained dirty granitic dyke (or intermediate); appears mafic at first glance; upper contact 115 o to C/A, oblique to			

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		WIDTH
			FROM	TO	
		layering. 65.75 - 73.5: breccia; mafic, fine grained (similar to 63.05 - 64.9); biotite porphyroblasts are rare; lower contact of zone gradational over 1 - 2 metres as reddish orange fragments give way to grey.			
73.5	121.2	DIATREME BRECCIA: Fine to coarse sized fragments; 30 - 80% lamprophyre as fragments, lenses and matrix; other fragments include granite (coarse grained) felsite, mafic volcanic, gabbro; local wide bands of massive xenolith bearing lamprophyre; boulders in excess of 25 cm. 79.1 - 79.9: lamprophyre, scattered rounded xenoliths, mainly mafic; includes a 2 - 3 cm granitic clast at 79.3. 79.9 - 81.4: small fragment breccia, fine grained matrix, minor biotite phenoblasts. 81.4 - 81.55: intermediate dyke, fine to medium grained, 115 o to C/A, oblique to layering. 81.55 - 82.1: small fragment breccia, as above 79.9 - 81.4. 82.1 - 84.25: coarse breccia, scattered chlorite filled fractures often with calcite.			

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		84.25 - 84.5: granite dyke, pinkish orange, coarse centre, fine grained chilled margins; 115 degrees to C/A, oblique to layering.			
		84.5 - 92.1: breccia zone relatively large fragments, including a mafic one in excess of 25 cm at 89.6; includes massive lamprophyre lenses up to 15 cm wide; 30 - 50% lamprophyre.			
		92.1 - 102.1: small fragment breccia; generally small fragments, with more than 80% less than 1 cm; occasionally in excess of 10 cm; fragments subangular to rounded, 60% or more being granitic in composition; other types include mafic volcanic, gabbro, lamprophyre; lamprophyre makes up most of the matrix and occasionally occurs as massive lenses; lamprophyre makes up from 10 - 50% of the rock; scattered rare calcite veinlets; local deformed zone with epidote.			
		95.9 - 96.0: lamprophyre dyke, coarse grained, 110 degrees to C/A, oblique to layering.			
		98.3: A 5 cm epidotized zone with a 1 cm calcite veinlet in center, 115 o to C/A, oblique to layering.			
		98.9: calcite veinlet, less than 1 cm, 150 degrees to C/A, oblique to layering.			

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		100.5 - 100.6: deformed zone with epidote ladder veining.			
		102.1 - 102.2: granitic dyke, dark coloured, fine to medium grained equigranular, contacts at 120 degrees and 130 degrees to C/A, oblique to layering, includes narrow calcite epidote vein.			
		102.2 - 103.75: small fragment, lamprophyre breccia as above (92.1 - 102.1)			
		103.75 - 103.90: granitic dyke as above (102.1 - 102.2) 115 degrees to the C/A, oblique to layering, includes epidote - calcite veinlets.			
		103.90 - 104.45: small fragment lamprophyre breccia as above (92.1 - 102.1).			
		104.45 - 104.70: granite dyke as above (102.1 - 102.2) but with 10% epidote +/-calcite veining; contacts irregular but oblique to the layering.			
		104.70 - 105.1: small fragment breccia as above (92.1 - 102.1).			
		105.1 - 105.35: granitic dyke as above ( 102.1 - 102.2) with hairline epidote +/- calcite veinlets.			
		105.35 - 106.0: small fragment breccia as above (92.1 - 102.1)			
		106.0 - 107.8: granitic dyke as above (102.1 - 102.2) with scattered calcite			

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		veinlets; upper contact at 115 degrees to the C/A; lower contact has a 1.5 cm quartz vein at 100 degrees to the C/A, both oblique to layering.			
		107.8 - 112.1: lamprophyre diatreme breccia, small to large fragments; 20 - 30% lamprophyre; scattered fine calcite veinlets.			
		112.1 - 112.65: lamprophyre dyke with sparse small rounded mainly mafic xenoliths, upper and lower contacts at 60 degrees to the C/A but oblique to the layering.			
		112.65 - 113.3: lamprophyre diatreme breccia, small to large fragments including a 20 cm pyroxenite fragment.			
		113.3 - 113.95: lamprophyre; many small well rounded xenoliths (80% lamprophyre); fine grained upper margin possibly a shear or a chilled margin; contacts parallel to layering at 45 - 55 degrees to the C/A, trace cpy in fragments.			
		113.95 - 114.35: lamprophyre breccia; similar to above (112.65 - 113.3) but may be part of the lamprophyre, highly stretched fragment.			
		114.35 - 115.1: lamprophyre, similar to 112.1 - 112.65, contacts and faint layering parallel to layering in surrounding			

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS
		rocks (45 - 55 degrees to the C/A)				
		115.1 - 116.9: lamprophyre diatrema breccia; 30 - 50% lamprophyre; highly stretched fragments.				
		116.9 - 117.4: lamprophyre dyke, coarse biotite prophyroblasts, upper and lower contacts at 120 degrees to the C/A, oblique to layering.				
		117.4 - 118.4: lamprophyre diatrema breccia, becoming light coloured, chilled with increasing depth.				
		118.4 - 118.68: mafic dyke, fine grained, possible lamprophyre, chloritized patches, contacts at 123 degrees to C/A, oblique to layering.				
		118.68 - 120.8: lamprophyre diatrema breccia, fine grained chilled appearance towards bottom; lower contact 126 degrees to the C/A oblique to layering; includes a 15 cm pyroxenite fragment at 119.0.				
		120.8 - 121.2: lamprophyre?; gabbroic appearance, much biotite; includes small mafic xenoliths.				
121.2	128.6	GRANITE: Dark coloured, same as the dykes above; may be a syenite; the lower half metre of this dyke is biotite rich,				

HOLE No: CC18

# CABO MINING CORP.

## DIAMOND DRILL LOG

PROPERTY: Cobalt  
HOLE No.: CC18

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FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS		
			FROM	TO	WIDTH
		porphyroblasts suggest a link with the lamprophyre; lower contact 65 degrees to the C/A, oblique to the layering.			
128.6	131.0	LAMPROPHYRE DIATREME BRECCIA: 20 - 50% lamprophyre as matrix and fragments, other fragments dominated by granitic rock, grey and brick orange; also some mafic xenoliths; layering from 50 - 55 degrees to the C/A; lower contact sharp at 135 degrees to C/A, oblique to the layering.			
131.0	131.6	LAMPROPHYRE: Medium grained, gabbroic appearance as 120.8 - 121.2.  131.6 END OF HOLE			

HOLE No: CC18





Date: 2003-JAN-06

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

CONSOLIDATED PROFESSOR MINES LIMITED  
12 MARTIN DRIVE  
COBALT, ONTARIO  
P0N 1C0 CANADA

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

**Submission Number:** 2.24617  
**Transaction Number(s):** W0280.01839

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 STEVEN BENETEAU by email at [steve.beneteau@ndm.gov.on.ca](mailto:steve.beneteau@ndm.gov.on.ca) or by phone at (705) 670-5855.

Yours Sincerely,



Ron Gashinski  
Senior Manager, Mining Lands Section

**Cc:** Resident Geologist

Consolidated Professor Mines Limited  
(Claim Holder)

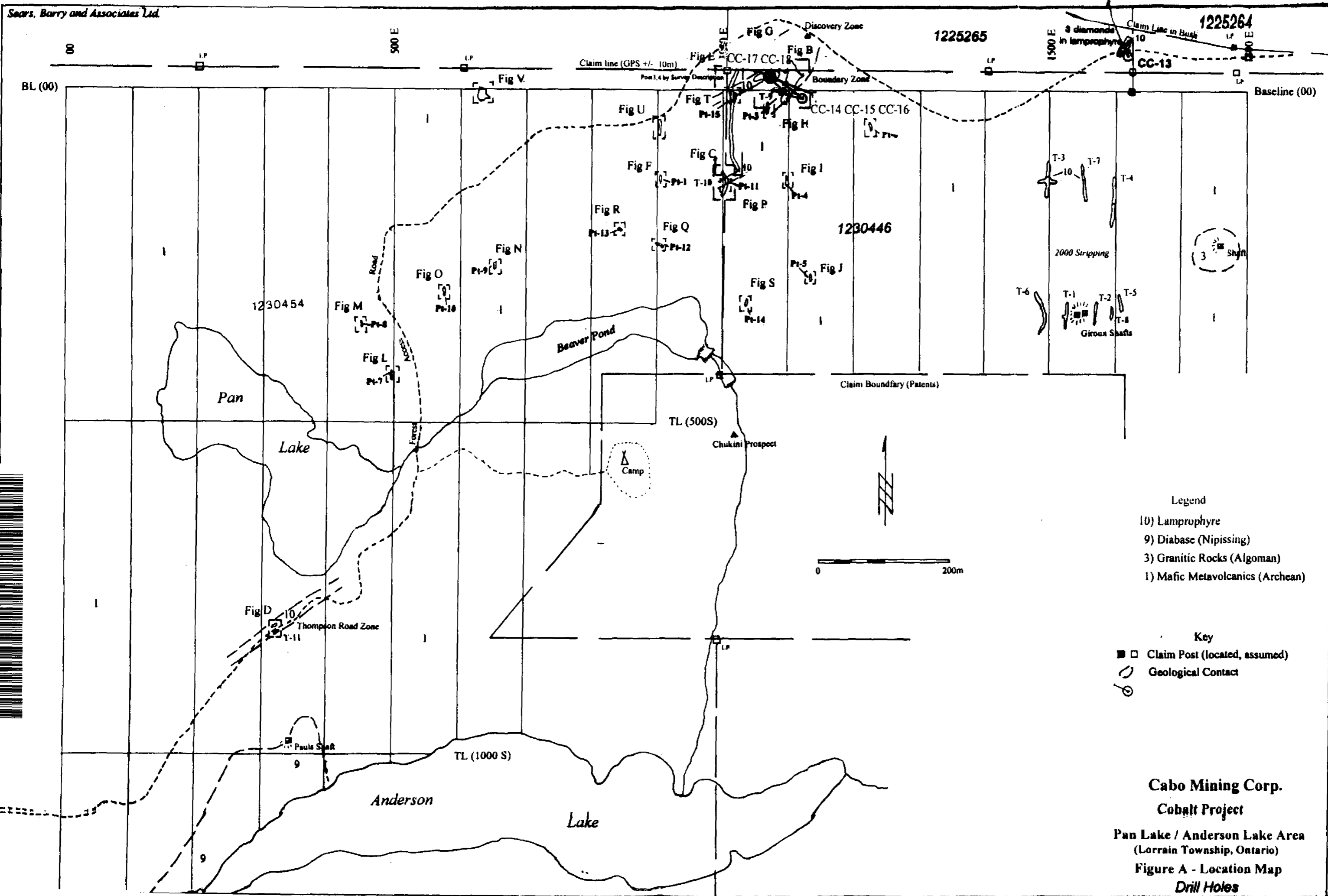
Outcrop Explorations Limited  
(Claim Holder)

Assessment File Library

Consolidated Professor Mines Limited  
(Assessment Office)

Seymour M Sears  
(Claim Holder)





Legend  
 10) Lamprophyre  
 9) Diabase (Nipissing)  
 3) Granitic Rocks (Algonian)  
 1) Mafic Metavolcanics (Archean)

Key  
 ■ □ Claim Post (located, assumed)  
 ○ Geological Contact

**Cabo Mining Corp.**  
**Cobalt Project**  
 Pan Lake / Anderson Lake Area  
 (Lorrain Township, Ontario)  
 Figure A - Location Map  
 Drill Holes

310582048 2.24617 LORRAIN 210