



32D05NW0015 18 THACKERAY

010

DIAMOND DRILLING

TOWNSHIP: THACKERAY

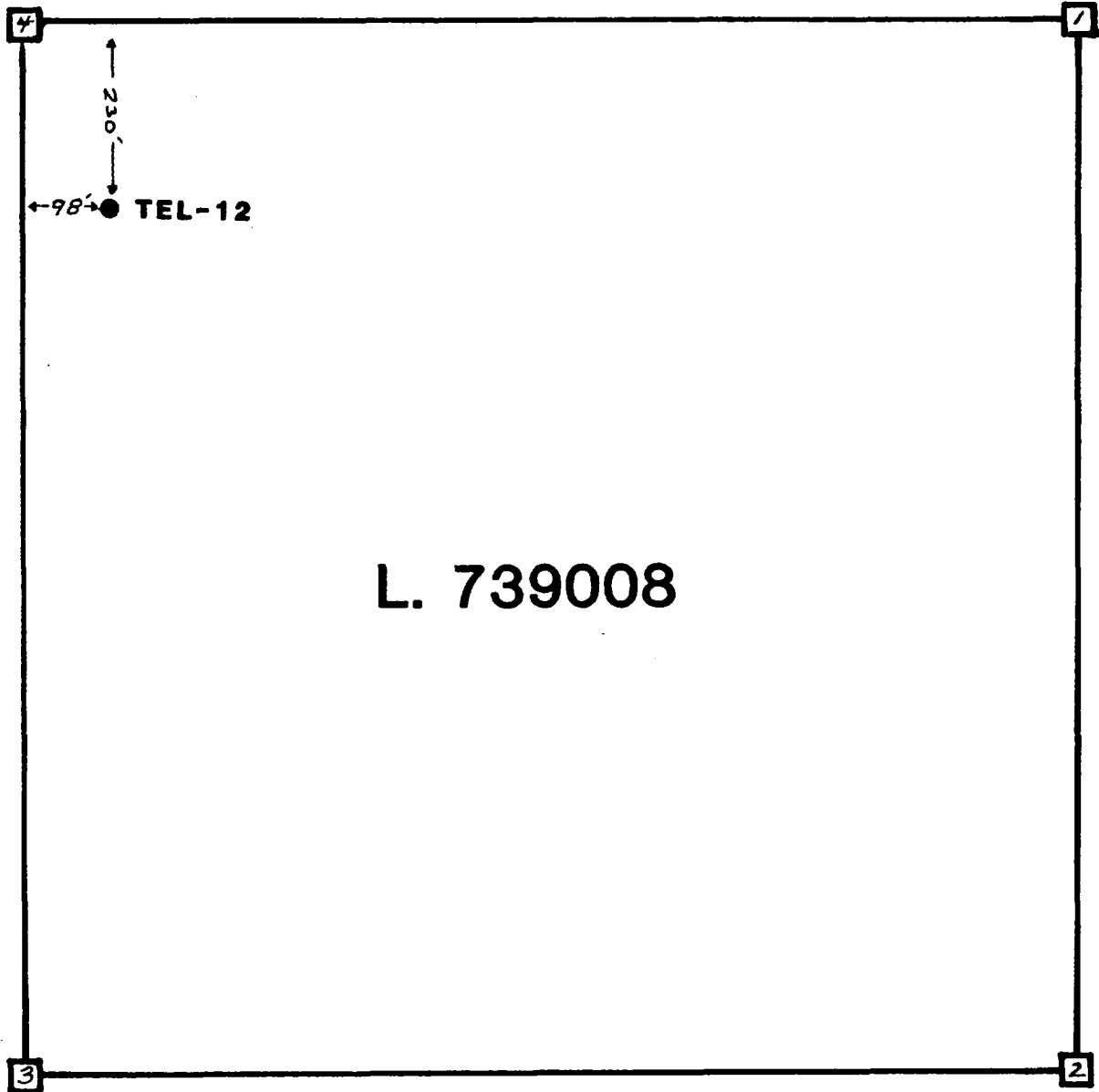
REPORT NO: 18

WORK PERFORMED FOR: Cominco Ltd.

RECORDED HOLDER: Same as above [xx]
: Other []

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
L 739008	TEL-12	131.8	Apr/87	(1)

NOTES: (1) #301-87, filed in Feb/88



L. 739008

THACKERAY TWP.

Drill Hole Record



Property TELEBRE District COCHABAMBA Hole No. TEL-12

Commenced April 11/87 Location THACKERAY TWP. Tests at SDM, 100m, 131m Hor. Comp. 100%

Completed April 14/87 Core Size 30 Corr. Dip 410 390 375 Vert. Comp. 84%

Co-ordinates 8+10N, 10T30W True Big. 351° Logged by

Objective % Recov. 98% Date April 15/87

From	To	Description	Sample No.
0	5.0	OVERBURDEN	
5.0	11.3	BASALTIC Flow	
		MASSIVE, RELATIVELY HOMOGENEOUS AND UNFRACTURED, f.g. GREEN BASALTIC Flow; CHLORITIC AND MODERATELY TO STRONG METASTATIC WITH 2-3% m.g. TO e.g. PYRITE; WEAKLY FRACTURED WITH PYRITE AND/OR CHLORITE FILLING FRACTURES; CHLORITE VEINLETS (UP TO 4mm) COMMON; LARGELY VEINLETS GENERALLY TRENDS 040° TO CH (i.e. S.2); SOME PYRITE STRIPES (1-2mm) TEND 070° TO CH ⊥ TO CHLORITE VEINLETS (i.e. 6.6);	
		6.9 -- NARROW (3cm) MILKY Q.V. AT 080° TO CH	
		7.6 -- NARROW (3cm) MILKY Q.V. WITH CHLORITE FILLED FRACTURES AT 080° TO CH;	
		7.8 -- 1/2 cm MASSIVE (75%) PYRITE SEAM AT 075° TO CH	
		9.4 -- 1cm QCV TRENDS 045° TO CH	
		10.4-10.6 -- WEAKLY BRECCIATED ZONE	

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Drill Hole Record



Property TELGAR

District COCHUKUL

Hole No. TEL-12

Commenced April 11/87

Location TATERKUN TUSUP

Tests at 50m 100m 131m

Hor. Comp. 100

Completed April 14/87

Core Size BQ

Corr. Dip 41° 39° 37 1/2°

Vert. Comp. 84

Coordinates 8+10 N, 10+30 W

True Brg. 351°

Logged by

Objective TO TEST AT DEPTH GOLD VEINS CORRELY DDH TEL-8 % Recov. 99%

Date April 15

IN THE TOWNSON ZONE

Footage METREAGE

Description

SI
IN

11.3 Y8.0

PillowED BASALT

VARIOBLITIC CHRUSOBLITIC

RELATIVELY UNTEXTURED, F.G., GREEN, V. CHLORITIC, WEAKLY TO LOCALLY STRONGER METACRETIC WITH 1-2% F.G. DIS PYRITE; PILLOWS VARY FROM 1/2 TO 1 1/2 m WIDE AND GENERALLY HAVE MASSIVE F.G. GREEN CENTERS; VARIOBLITIC MARKINGS EVIDENT TO CONCENTRIC COOLING RINGS OVER 5-15 CM; VARIOLITES (UP TO 5 mm dia, BUT AVE. 2-3) OFTEN FORM MASSIVE AGGREGATES ALONG PILLOW RIMS; INTERPILLOW MATERIALS GENERALLY SHOW HYDROCLASTIC DEVIATRIFICATION OR, MORE RARELY, FLOW & CELLULAR TEXTURES UP TO 1 m THICK; CALCITE ± QUARTZ VEINLETS (UP TO 4 mm) ARE COMMON THROUGHOUT; ROCK IS RELATIVELY HARD, PERHAPS WEAKLY SILICIFIED, BUT NOT WELL DEVELOPED; MODERATELY REACTIVE TO HCl THROUGHOUT;

13.1 -- NARROW (4 cm) DISMEMBERED QV AND BLEACHED PYRITIC ALTERATION HALO

13.2-21.0 -- HYDROCLASTIC -- SECTION IS 75% HYDROCLASTIC TEXTURE AS WELL AS SOME FLOW EVIDENCE AND DEVIATRIFICATION TEXTURES; REMAINING 25% IS VARIOBLITIC POORLY DEVELOPED

Drill Hole Record



Property _____ District _____ Hole No. TEL-12 Hor. Comp. _____

Commenced _____ Location _____ Tests at _____

Completed _____ Core Size _____ Corr. Dip _____ Vert. Comp. _____

Co-ordinates _____ True Big. _____ Logged by _____

Objective _____ % Recov. 100% 14.7 Date _____

Footage Meters	From	To	Description	San No.
			PILLOWS; rock is moderately fractured and vein (calcite);	
			HYALOCLASTIC IS LOCALLY CONTAINS UP TO 10% f.g. TO e.g.	
			PYRITE (1.8, 14.8-15.0, 16.5-16.7, 18.8-19.9);	
			24.3-24.6 -- FLOW EFFECTS: contains 10% e.g. DIS. PYRITE	
			25.6-25.8 -- SEVERE HEMATITE q.v. CUT VARIOLITIC PILLOW AT 025°;	
			VEINS W/OUT EROD (1cm) INTERSECTION W/RODS;	
			- 25.8-26.0 -- SIMILAR TO 24.3-24.6	
			26.3 -- 1cm MILKY q.v. AT 045°, W/ROD (1/2cm) AGGREGATION W/RO	
			26.5-26.7 -- HEMATITE STAINING IN VARIOLITIC PILLOW	
			27.5 -- W/ROD (1cm) MILKY q.v. AT 020°	
			28.9 -- 1cm WIDE FAULT GOUGE TRENDS 045°, STRONG	
			CALCATED WITH TAILY TEXTURE; N. SWAMP CONTACTS;	
			29.1 -- W/ROD (1cm) MILKY q.v. WITH DARK SPILLAGES TRENDS 040°	
			PARALLEL TO FAULT GOUGE.	
			29.2 -- DARK 3mm PYRITIC FRACTURES	
			29.9-30.1 -- 10% V.F.g. DIS. PYRITE IN WEAKLY BLEACHED VARIOLITIC PILLOW	
			30.5 -- 1cm MILKY DISPERSED: q.v. (?) ON ROD WITH 40% DARK	
			CHLORITE AGGREGATES,	
			30.5-31.2 -- ^{30cm} BLEACHED FRACTURED PYRITIC ZONE OVERLIES HEMATITIC	
			STAINED ZONE	

Drill Hole Record



Property _____ District _____ Hole No. TEL-12

Commenced _____ Location _____ Tests at _____ Hor. Comp. _____

Completed _____ Core Size _____ Corr. Dip _____ Vert. Comp. _____

Co-ordinates _____ True Brg. _____ Logged by _____

Objective _____ % Recov. _____ Date _____

Footage-METRE	From	To	Description	Sail No
			31.2-32.0 -- BLEACHED FRACTURED ZONE SIMILAR TO 30.5-31.2 WITH 5-10% V.F.G. PYRITE THROUGHOUT; ONE 3MM WIDE MASSIVE (75%) PYRITE LENS AT 31.9 -250S 070°;	
			32.7-32.8 -- SYENITE DYKE; m.g. (2-3mm) K-FELDSPAR LATHS; RED DYE TRENDS 045° TO 07°	
			34.2-34.4 -- BLEACHED ZONE WITH 50% F.G. DIS. PYRITE AND 1cm DISJUNCTED Q.U. WITH 25% PYRITE OVER 3mm AND HANDFUL WITH CONTACT	
			35.8-36.0 -- FRACTURED BLEACHED, SILICEOUS ZONE WITH 5% F.G. PYRITE	
			36.7-36.8 -- STRONGY MONNETITE SECTION WITH 30% F.G. MONNETITE AGGREGATES IN A "SALT IN PEPER" TEXTURED AND FRACTURED ZONE; SILICEOUS WITH 10% F.G. PYRITE	
			37.8-37.9 -- FRACTURED BRECCIATED ZONE WITH MILKY QUARTZ AS MATRIX; 50% F.G. TO CG. PYRITE;	
			37.9-38.1 -- SIMILAR TO 36.7-36.8	
			40.4-42.3 -- FLOW BRECCIA; SECTION IS 50% BRECCIA WITH LENGTH 1-6cm FRAGMENTS; MATRIX IS VARIABLE FROM CHALKITE/FERROSE OR MILKY QUARTZ; LOCALLY F.G. TO CG. PYRITE OCCURS AS AGGREGATES UP TO 150%; BRECCIATED TEXTURE IS VARIABLE	
			42.7-43.3 -- BLEACHED SILICEOUS MODERATELY TO STRONGLY FRACTURED ZONE WITH 5-10% F.G. DIS. PYRITE LOCALLY BRECCIATED;	

Drill Hole Record



Property _____ District _____ Hole No. TEL-12

Commenced _____ Location _____ Tests at _____ Hor. Comp. _____

Completed _____ Core Size _____ Corr. Dip _____ Vert. Comp. _____

Co-ordinates _____ True Brq. _____ Logged by _____

Objective _____ % Recov. _____ Date _____

Footage METREAGE From To	Description	San No.
	43.0-44.1 -- HIGH DENSITY OF DARK QUARTZ FILLED FRACTURED; DEKUNINE CARBONATE; 2-30% Fg. PYRITE ALONG FRACTURES; GENERALLY, FRACTURES TREND 045°; ROCK IS BLEACHED	
	45.3 -- 7 cm WIDE MILKY q.v. TILDS 090° TO CH; AND HOSTS 20% RUSTY WALL ROCK INCLUSIONS; VEIN DISCTS MASSIVE Fg. CHLORITIC PILLOW;	
	46.7 -- PYRITIC INTERPILLOW MATERIAL; 10% PYRITE OVER 3cm	
	46.8 -- 20% PYRITE IN QUARTZ FILLED FRACTURES OVER 3cm	
	47.8 -- 20% Fg PYRITE AGGREGATE IN INTERPILLOW MATERIAL	
	48.0-48.9 -- S-100% Fg DIS. PYRITE AND PYRITIC FRACTURES IN FRACTURED, QUARTZ VEINED SLIGHTLY BLEACHED; WEAKLY BRECCIATED AND CARBONATED;	
	49.0-49.2 -- 10-15% Fg. TO M.g. PYRITE IN FRACTURED CARBONATED; ROCK; FRACTURES TREND 030° SOME HEMATITE STRIPING	
	49.2-50.7 -- SYENITE DYKE(?); c.g. UNIT WITH RELATIVELY SHARP LOWER CONTACT (020° TO CH); 50% Fg. DIS. PYRITE THROUGHOUT CARBONATED, SILICEOUS WITH 75% SUBROUNDED LATHES OF K-FELDSPAR WITH BRECCIATED TEXTURE;	
	UNIT IS FRACTURED WITH 1cm q.v (045 TO CH);	
	51.0-51.3 -- BROKEN BLOCKY CORES IS V. CHLORITIC -- FAULT PLANE?	
	51.3-53.2 -- BRECCIA ZONE(?); ROCK IS ALTERED BLEACHED AND CARBONATED WITH BRECCIATED TEXTURE; FRAGMENTS ARE SUBROUNDED AND OF VARIOUS COMPOSITIONS; MATRIX IS GENERALLY CHLORITIC, LOCALY V. PYRITIC (52.8-53.0); SOME CHLORITIC SURFACES (SLIP PLANES) TREND 030° (I.E. 51.6); PERHAPS AT LESS BRITTLE AND MORE DUCTILE REGIME;	

Drill Hole Record



Property _____ District TEL-12 Hole No. TEL-12

Commenced _____ Location _____ Tests at _____ Hor. Comp. _____

Completed _____ Core Size _____ Corr. Dip _____ Vert. Comp. _____

Co-ordinates _____ True Brg. _____ Logged by _____

Objective _____ % Recov. _____ Date _____

Scaleage METRE & ACFT		Description	Sampl No.
From	To		
		53.9-54.9 -- SILICIFIED ZONE; contains 4 qv's from 2 to 10 cm wide with 10-20% ^{some rust?} WALK ROCK INCLUSIONS; HIGH DENSITY OF CARBONATE STRINGERS; VEINS TEND 080° TO CA; MAGNETIC;	
		55.1-55.3 -- RUST BROWN SILICEOUS, STONY MATNETIC WITH MINORANT CARBONATE ZONE; 3-4% PYRITE FRACTURED, RESIDUE ASSOCIATE; FORTUAL ALTERATION HALO IS BLEACHED AND SILICIFIED.	
		56.5-56.7 -- SIMILAR TO 55.1-55.3, ALTERED DYKE; V. MAGNETIC WITH 10cm WIDE FRACTURED BLEACHED FOOTWALL ALTERATION HALO;	
		56.9-57.7 -- LAMPORPHIRE; V. MICNETIC CARBONATED WITH 30% BIOTITE, LATHS (UP TO 5mm) WITH MINOR QUARTZ AND AND f.g. K-FELDSPHR AND SERICITE MATRIX; CUTS BASALT AT 010°; some MINOR CARBONATE STRINGERS (030°)	
		57.7-58.0 -- BROAD FOOTWALL ALTERATION HALO TO DYKE; BRECCIATED SILICEOUS, VERY MAGNETIC CARBONATED WITH 2-3% mg PYRITE AGGREGATES; 1/2 cm MASSIVE PYRITE SEAM;	
		59.5-59.8 -- HIGH DENSITY OF CARBONATE STRINGERS (020°) IN MASSIVE f.g. MAGNETIC BASALT	
		60.0-60.2 -- SIMILAR TO 59.5-59.8, WITH 2 NARROW (1cm) PYRITE (25%) q.v. AT 080°	
		60.8-61.0 -- SIMILAR TO 55.1-55.3, VERY MAGNETIC WITH 5% c.g. PYRITE	

Drill Hole Record



Property _____ District _____ Hole No. **TEL-12**

Commenced _____ Location _____ Tests at _____ Hor. Comp. _____

Completed _____ Core Size _____ Corr. Dip _____ Vert. Comp. _____

Co-ordinates _____ True Brg. _____ Logged by _____

Objective _____ % Recov. _____ Date _____

Depth - m (ft & in)	Description	Sam No.
From	To	
	61.7-62.4 - V. MAGNETIC FRACTURED, BRECCIATE ZONE WITH qcv (1-3mm wide) TENDRINE 0.450; MAGNETITE 15. f.g. AND MASSIVE COMPRESSING 40% (?) OF UNIT; 5-10% f.g. DIS PYRITE	
	63.0-63.3 - MAGNETIC, PYRITIC, HEMERITIC UNIT WITH 30% 1cm oval QUARTZ EYES 5% f.g. PYRITE FOBISS ZIMS AROUND QUARTZ;	
	65.9-70.6 - RACKY GREEN, RELATIVELY MASSIVE, f.g. SILICEOUS FLOW WITH f.g. V-FESPMR (?) LEUCOXENE (?) ; LOCALLY CARBONATED (66.3-66.5) WHERE ROCK TAKES ON A URONITIC TEXTURE LOCALLY MAGNETIC (70.3); SOME q.v.s (68.3-68.4, TENDINE 0.70° WITH 5% f.g. DIS. PYRITE);	
	70.8-71.0 - FRACTURED AND BLEACHED WITH MASSIVE DARK MAGNETIC STAINING BLEACHED ROCK	
	71.0-72.0 - FRACTURED, BLEACHED SILICEOUS, LOCALLY MAGNETIC WITH DISMAGNETIC q.v. AND V.F.G. PYRITE AND SPECULARITE;	
	72.0-72.7 - LAVENDER COLOURED ALTERATION, FRACTURED (030°) AND 5-10% f.g. DIS. PYRITE INTENSE LAVENDER COLOUR (72.5-72.6);	
	72.7-73.0 - LAVENDER DYKE CARBONATED, WEAKLY FOLIATED PARALLEL WITH DYKE MARGINS (030° TO CH) SHARP CONTACTS, BUT WEAK ALTERATION HALOS	
	73.4-73.5 - INTENSE LAVENDER COLOUR, MASSIVE, f.g.	
	73.6 - SLIP PLANE - SILICEOUS FIBROUS MINERAL FORMS SLIP PLANE AT 020°	

Drill Hole Record



Property _____ District _____ Hole No. TEL-12

Commenced _____ Location _____ Tests at _____ Hor. Comp. _____

Completed _____ Core Size _____ Corr. Dip _____ Vert. Comp. _____

Co-ordinates _____ True Brg. _____ Logged by _____

Objective _____ % Recov. _____ Date _____

Footage RETRIEVED		Description	Seri. No.
From	To		
		81.6-81.7 -- BLEACHED ZONE WITH 2-3% G.G. DIS. PYRITE	
		86.8-87.0 -- CAVENDER GRAIN G.G. MASSIVE	
		87.0-87.3 -- WEAKLY BLEACHED AND FRACTURE ZONE	
		90.2-90.5 -- 5-10% f.g.-mg. PYRITE ASSOCIATED WITH GCV	
		92.3-92.7 -- SEVERAL NARROW PYRITIC FRACTURES	
		93.0 -- 1/2 cm INTERVAL GCV WITH 10-15% SPECULARITE; TRENDS 020° TO CH	
		94.2 -- 1/2 cm GCV WITH 15-20% WHITLOCK INCLUSIONS; TRENDS 020° TO CH	
		94.3 -- 1 cm GCV WITH 4-5% TOURMALINE; TRENDS 030° TO CH	
		95.3-95.8 -- LOW DENSITY GCV'S AND FRACTURE FILL; LOCALY HEMATITE; 1-2% V.F.G. PYRITE	
		96.1-96.6 -- <u>LAMPORVYKE</u> : 20% SMALL (3-4mm) BIOTITE - CARBON	
		A mg. CHLORITE, BIOTITE FELDSPAR MATRIX; 2cm GCV AT 080° (36.5)	
		4-5 cm MAGNETIC SILICEOUS FROTHALL ALTERATION HMO, ORE TRENDS 045°	
		96.9-97.4 -- HEMATITIC ZONE; HEMATITE FROTHING WITH UP TO 5% V.F.G. DIS. PYRITE;	
		WEAKLY FRACTURED; WEAKLY MAGNETIC	
		97.8-98.0 -- SILICEOUS WEAKLY FRACTURED ZONE WITH 2-3% V.F.G. DIS. PYRITE	
		99.3-99.8 -- SEVERAL PYRITIC HEMATITIC FILLED HORIZONTAL FRACTURES IN SILICEOUS	
		LOCALLY HEMATITIC ROCK	
		99.8-100.2 -- LAMPORVYKE DYKE; V CARBONATE mg. DYKE TRENDS 040°	
		100.2-101.3 -- SIMILAR TO 99.3-99.8, PYRITIC FRACTURES HAVE BROAD (3-4mm) HEMATITE	
		HALOS;	

Drill Hole Record



Property _____ District _____ Hole No. TR-12

Commenced _____ Location _____ Tests at _____ Hor. Comp. _____

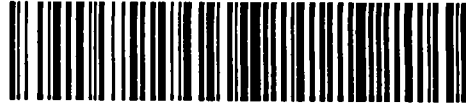
Completed _____ Core Size _____ Corr. Dip _____ Vert. Comp. _____

Co-ordinates _____ True Brg. _____ Logged by _____

Objective _____ % Recov. _____ Date _____

Footage METERS		Description	Sal No
From	To		
		112.0-112.1 -- SILICEOUS PYRITIC HEMATITIC FOOTWALL ALTERATION	
		112.3-112.4 -- 20-25% f.g. DIS. PYRITE IN HEMATITIC PORTIONS OF DRILL FRACTURE, SILICEOUS ROCK WITH 3 MINOR (2-10mm) QZ'S;	
		112.4-112.7 -- FRACTURED, SILICEOUS WITH V. 50% f.g. DIS. PYRITE	
		113.3-114.4 -- SECTION IS 80% BLEACHED AND FRACTURED; LOCALITY METABOLIC TWO CARBONATE (113.8-113.9); INTENSE FRACTURING AND EXFOLIATION (114.2-114.4); 1-2% f.g. PYRITE ALONG FRACTURES;	
		115.6-115.9 -- BLEACHED WITH 3-4% f.g. PYRITE, RUSTY BROWN MASSES QUARTZ VEINLET	
		117.0-117.6 -- SIMILAR TO 115.6-115.9; LOCALITY EXFOLIATED (i.e. 117.2).	
		117.9-118.1 -- BLEACHED, LOCALITY HEMATITIC ZONE WITH 4-5% f.g. PYRITE	
		118.1-118.4 -- 30% CNEITE AMYGOLOIDES	
		118.4-118.6 -- SIMILAR TO 117.9-118.1	
		119.3-119.4 -- 30% CNEITE AMYGOLOIDES, SIMILAR TO 118.1-118.4	
		120.1-120.6 -- PYRITIC FRACTURED, BLEACHED ZONE; 10%-15% f.g.-m.g. PYRITE	
		122.5-123.3 -- SIMILAR TO 117.9-118.1	
		123.8-124.4 -- PYRITIC HEMATITIC, FRACTURE ZONE; 10% f.g. DIS PYRITE	
		126.0-127.3 -- BLEACHED ZONE WITH 10-15% DARK QUARTZ LENSES (2x4mm) FRACTURED AND LOCALITY PYRITIC	
		127.3-127.6 -- MILKY QZ. WITH ROSE COLOURED ALTERATION AROUND FRACTURES; SOME RUSTY WALLROCK INCLUSIONS; 1-2% TOURMALINE	
		127.6-128.1 -- SP. 50% f.g. TO c.g. PYRITE IN BLEACHED HEMATITIC ZONE	

Name and Postal Address of Recorder/Holder
COMINCO LTD.
 220 120 ADELAIDE STREET WEST, TORONTO



Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 240	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	L	739037	40						
		739038	40						
		739635	40						
		739636	40						
		739637	40						
		739638	40						

RECORDED
JUL 18 1987
 Receipt # _____

All the work was performed on Mining Claim(s): **L. 739008**

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

HOLE NO.	FOOTAGE	CORE DIA.	ANGLE	DATES DRILLED
TEL-12	131.8 (m)	BQ	-45°	APR 11 to JUL 14, 1987
	x 3.2808			
	= 432.41 feet (days)			
	Total Days	432.41		
	Used As Above-240.00			
	Balance	192.41 Days of credit on L. 739008		

Drilled by: **Bradley Bros. Limited**
 Timmins, Ontario

RECEIVED
 SEP 8 1987

RECEIVED
 JUL 13 1987
 10:15 AM

Date of Report: **July 10/87**

Recorded Holder or Agent (Signature): *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
R.C. LaRoche - 860 Sherbrooke Street
Peterborough, Ontario K9J 2R4

Date Certified: **July 10/87**

Certified by (Signature): *[Signature]*

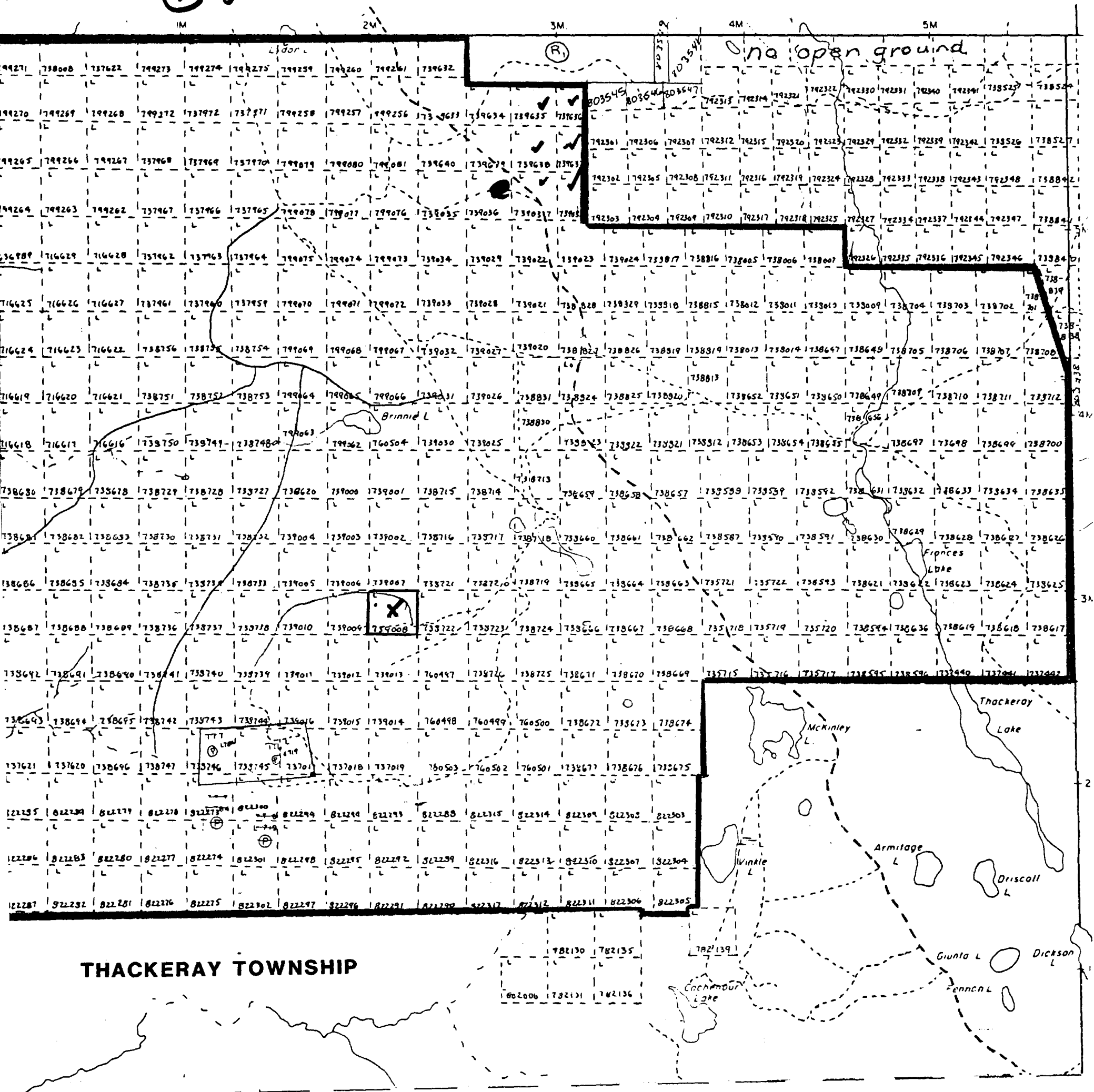
Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.		Nil

Thackeray twp

B3220

GARRISON TWP. M-349



THACKERAY TOWNSHIP