

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 70.00	«OB»	Overburden				Deep clay cover.
70.00 TO 181.10	«5,F,*g»	<p>Intercalated Mudstone and Quartz-Wacke -Fine to medium grained, black to light gray, well laminated sediment. Intercalated mudstone and wacke on 1-10mm scale. Bands of coarse euhedral pyrite, and occasional pseudo-ooitic pyrite grains to 10mm on the side. Bedding 47 degrees on average however locally far more oblique. Excellent preservation of soft sediment deformation, graded and cross-bedding.</p> <p>-74.83-Fining down-hole. -77.60-78.70-Three fold hinges with local 0 core axis angles. Facing reversed three times. -79.35-Fining up-hole. -80.87-Fining up hole. -83.00-Ground core. -84.40-84.75- Pourous carbonate beds 1cm thick. -88.93-Fining up hole. -90.05-90.15-Pourous, chloritic beds with fine pyrite to 20% -91.50-91.65-Ground core, locally chloritic sediment. -100.74-Fining up-hole. -103.49-Fining up-hole. -107.3-Load cast of quartz-wacke in mudstone. Tops up-hole. -109.85-1 mm thick bed of massive-coarse pyrite -101.94-Fining up-hole -119.26-10 cm thick mudstone bed with 0.5 cm wacke pebbles -127.66-Fining up-hole. -130.20-130.40-Thick quartz-wacke bed. -132.3-Cross bedded quartz-wacke showing tops up-hole. -133.02-0.5 cm rounded quartz pebbles in fine quartz-wacke. -135.84-Fining up-hole. -136.05-136.27-Fine calcite stringer stockwork in mudstone. -137.00-138.50 Shallow core angles. Average 20. -140.06-142.10 Coarse pseudo-ooitic pyrite cubes, 0.5 cm on the side, 2% modally. -151.53-Fold closure reversing facing</p>		<p>-Discrete quartz-calcite filled fractures normal TCA spaced roughly 0.5m apart. -Fine stockwork of carbonate veinlets in mudstone beds likely syn-diagenetic.</p>	<p>Coarse bedded pyrite 2%. -Pyrite in quartz-carbonate fractures to 0.1% of total core volume. -Bedded, coarse pyrite in mudstone, probably syn-diagenetic, 1% of total unit volume.</p>	
					-6040ppm Zn/0.70m from 144.40-145.10m	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		directions. -155.58-156.05-Very strong carbonate fracture filling oblique to bedding. -156.7 Fold hinge doughnut. -159.15-Rip-up clasts of argillite in basal wacke-bed of next sequence, indicating tops up hole. (Two fining up-hole sequences.)				
181.10 TO 186.50	«5,a,g»	150.55-155.95-Fractured and calcite filled chloritic mudstone. Graphitic Fault Breccia -Bleached mafic? and quartz wacke fragments in carbonaceous matrix. Bedding is contorted and convoluted to non existant. 20% bedded pyrite. -181.1-184.7 Well bedded with broken wacke clasts in moderately conductive graphitic matrix. -184.7-184.85 Carbonate rich, broken wacke and sulphide clast fault gauge. -184.50-186.50-Extremely conductive massive carbonaceous matrix (60%) with angular white bedded quartz-wacke and massive mafic? fragments.			-Pyrite in ooidic or colliform nodules in the graphite, some bedded massive pyrite to 5mm. 20%	-Strongly conductive as a result of pyrite and graphite content.
186.50 TO 187.25	«7,a,m»	Mafic Intrusive -Fine grained, massive, medium gray mafic intrusive. Very sharp upper and lower contacts at 30 degrees TCA. Small black lath to needle shaped pyroxene crystals visible at lower contact in very fine matrix.		-Silicified to a pale gray colour at upper and lower contacts.		-Unit may have intruded into wet sediment.
187.25 TO 187.80	«5,g»	Graphitic Argillite -Well bedded and strongly graphitic at top, more siliceous at the base.		-Possibly silicified at lower contact.	-20% Pyrite in nodules, ooids and beds.	-Strongly conductive due to graphite and pyrite.
187.80 TO 188.60	«7,a,m»	Mafic Intrusive -Fine grained and massive with fine white plagioclase crystals. Sharp upper and lower contacts at 38-40 degrees TCA. Fine black coloured laths in very fine matrix at lower contact.		-Silicification at lower contact.		
188.60 TO 209.00	«2,a,e»	Amygdaloidal Mafic Volcanic -Pale gray-green fine grained mafic volcanic. Blue quartz filled amygdaloids, interflow breccias and sediment throughout unit.		-Strong carbonatization at interflow breccias and sediments. -Chloritization is pervasive until about 200.45, then sharply decreases		

HOLE NUMBER: P54-04

DRILL HOLE RECORD

DATE: 11/22/2000

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-187.70-189.90 Pyritic, muddy interflow sediment -189.27-189.48 Sub cm size ovoid, quartz filled amygdales. -189.76-190.13 Amygdales. -195.25-195.60 Amygdales. -198.75-198.95 Interflow breccia, chloritized with mafic fragments in pyritic mudstone. -200.45-EOH-Mafic volcanic with chloritized-carbonatized pillow selvages and rare amygdales. Noticibly less chloritized than above.		to EOH.		
209.00 TO 209.00	«E.O.H.»	End Of Hole				

HOLE NUMBER: P54-04

DRILL HOLE RECORD

LOGGED BY: Chris Wright

PAGE: 4

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
KA03005	144.40	145.10	0.70	74	6040	5	100	7	0.4		35			1.38		22											
KA03006	187.35	187.55	0.20	115	878	8	142	58	0.2		45			3.72		<5											5,F,*g 5,g

Sample	From (M)	To (M)	Leng. (M)	SIO2 %	AL2O3 %	CAO %	MGO %	NA2O %	K2O %	FE2O3 %	TIO2 %	P2O5 %	MNO %	CR2O3 %	LOI %	SUM %	Y PPM	ZR PPM	BA PPM	RB PPM	SR PPM	CO2 %	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM
KA03001	74.00	77.00	3.00	56.87	16.80	4.26	3.50	3.13	1.01	8.60	1.08	0.13	0.15		3.89	99.42	20	110					35	140	105	210	5,F,*g 5	5	200
KA03002	161.00	164.00	3.00	59.69	15.83	3.97	2.62	4.24	0.82	7.73	0.78	0.12	0.09		3.82	99.71	15	110					25	140	85	240	5,F,*g 5	5	175
KA03003	184.10	187.10	3.00	59.25	9.25	5.81	2.52	1.11	0.84	9.01	0.50	0.07	0.11		11.05	99.52	20	70					35	590	100	340	5,a,g 5!	5!	119
KA03004	197.00	200.00	3.00	47.72	15.46	5.57	2.59	1.77	0.87	15.25	2.12	0.32	0.29		7.76	99.72	40	140					35	175	40	110	2,a,e 2(h)yz	2(h)yz	188

Sample	From (M)	To (M)	Leng. (M)	AG PPM	AU PPB	CO PPM	PB PPM	S PPM	V PPM	AS PPM	SN PPM	CD PPM	SB PPM	BI PPM	SE PPM	HF PPM	TA PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	GD PPM		
KA03001	74.00	77.00	3.00			40		0.66	160																						
KA03002	161.00	164.00	3.00			30		1.95	110																						
KA03003	184.10	187.10	3.00			35		2.86	85																						
KA03004	197.00	200.00	3.00			45		0.53	255																						

Sample	From (M)	To (M)	Leng. (M)	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	YB PPM	NB PPM	HG PPB	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2
KA03001	74.00	77.00	3.00											5						20			10		0.49	0.25	30	38	45
KA03002	161.00	164.00	3.00											5						15			10		0.45	0.25	32	30	33
KA03003	184.10	187.10	3.00											5						10			10		0.40	0.63	40	33	532
KA03004	197.00	200.00	3.00											10						30			20		0.29	0.36	15	32	99

TIMMINS EXPLORATION - AMENDED ROCK LEGEND - v8.0

1. MAIN ROCK DIVISIONS

- 15 To be Announced
- 14 Huronian Supergroup
- 13 Metamorphic (Unknown)
- 12 Gneiss
- 11 Schist
- 10 Diabase
- 9 Felsic Intrusive
- 8 Intermediate Intr. Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intr. Rocks
- 5 Sedimentary Rocks
- 5,s Sulphide (>40%)
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 3,C Heterolithic Volcanic Rocks
- 2 Mafic Volcanic rocks
- 1 Ultramafic Volcanic Rocks

2. TEXTURAL/GEOCHEMICAL MODIFIERS

a	Fine Grained	A	Primitive (Y<20)
b	Medium Grained	B	Evolved (Y>20<60)
bx	Breccia		
c	Coarse Grained	C	Heterolithic
d	Quartz-Feldspar Phyric	D	Feldspar Phyric
e	Amygdaloidal/Vesicular	E	Chert
f	Primary Fragmentals	F	Wacke
g	Graphitic/Argillaceous	G	Leucoxene Bearing
h	Tholeiitic	H	Basaltic Komatiite
i	Alkalic		
j	Calc-Alkalic	J	Pyroxenite
k	Komatiitic	K	Net Textured
l	Flows (banded)	L	Peridotite
m	Massive	M	Dunite
n	Variolitic/Spherulitic	N	Ophitic
p	Pillowed	P	Porphyritic
q	Quartz Phyric	Q	
r	Oxide Iron Formation	R	Polysutured
s	Sulphides, Exhalites	S	Fractured
t	Pyroclastic	T	Gabbroic Textured
u	High Mg	U	Pyroxene Spinifex
v	High Fe	V	Olivine Spinifex
w	High Al	W	Skeletal/Crescumulate
x	Andesite	X	Adcumulate
y	Icelandite	Y	Mesocumulate
z	Highly Evolved (Y>60)	Z	Orthocumulate

**ROCK NAMES MUST HAVE ALL MODIFIERS
COMMA DELIMITED AND CAN BE NO LONGER
THAN 15 CHARACTERS, COMMAS INCLUDED.
Example: 3,*y,d,<DAC>,*t**

5. MINERALOGICAL NAMES

Ak	Actinolite	Fc	Fuchsite	Pn	Pentlandite
Alb	Albite	Gn	Galena	Py	Pyrite
Al	Almandine	Gt	Garnet	Px	Pyroxene
Am	Amphibolite	VG	Gold	Po	Pyrrhotite
Ah	Anhydrite	Gf	Graphite	Qt	Quartz
Ad	Andalusite	GS	Gravel & sand	Ro	Rhodochrosite
Ay	Anthophyllite	Gyp	Gypsum	Ru	Rutile
Ap	Apatite	Hem	Hematite	Sur	Serpentine
Ar	Argentite	Hb	Hornblende	Sc	Sericite
Asp	Arsenopyrite	Hy	Hypersthene	Sh	Scheelite
Asb	Asbestos	Il	Ilmenite	Sid	Siderite
Aug	Augite	I-F	Iron Formation	Sil	Silica
Az	Azurite	Jr	Jarosite	Slm	Silliminite
Ba	Barite	Ky	Kyanite	Sps	Spessartite
bi	Bismuthite	Ls	Limestone	Sph	Sphalerite
Bl	Biotite	Lm	Limonite	Ti	Sphene (Titanite)
Bo	Bornite	Mag	Magnetite	Ag	Silver
Ca	Calcite	Mc	Malachite	Sp	Spinel
Cn	Chalcodony	Ma	Marcasite	Spd	Spodumene
Cc	Chalcocite	Mi	Mica	St	Staurolite
Cp	Chalcopyrite	Mk	Microcline	Sb	Stibnite
Chl	Chlorite	Mi	Millerite	Sul	Sulphides
Ch>	Chloritoid	Mo	Molybdenite	S-M	Mass. Sulphides
Cr	Chromite	Mu	Muscovite	S-D	Diss. Sulphides
Cpx	Clinopyroxene	Ne	Nepheline	Tk	Talc
Co	Cobalt Minerals	Nc	Nicoelite	Te	Telluride
Cv	Covellite	Ni	Nickel minerals	Tt	Tetrahedrite
Ct	Cordierite	Ov	Olivine	Ta-Cl	Tantalite-Columbite
Dp	Diopside	Or	Orthoclase	Tl	Tourmaline
Dol	Dolomite	Opx	Orthopyroxene	Tr	Tremolite
Epi	Epidote	Pi	Phlogopite	Wo	Wollastonite
Fel	Feldspar	Pg	Plagioclase	Zr	Zircon
Fl	Fluorite				

3. ALTERATION MODIFIERS

Ab	Albitization
Bl	Bleached
C>	Carbonaceous
Cb	Carbonatization
Ch	Chloritization
Ep	Epidotization
F>	Iron Carbonatization
He	Hematization
K>	Potassic Alteration
Ka	Kaolinitization
Rs	Rust Stained
Se	Sericitization
Si	Silicification
Sr	Serpentinization
Tc	Talc-Carbonatization
Tk	Talc

4. TEXTURAL/STRUCTURAL MODIFIERS

*a	Tuff (67% <2mm)	*n	Graded Bedding
*b	Lapilli Tuff (2-64mm)	*o	Cross bedding
*c	Lapillstone (76% <264mm)	*p	Fault Gouge
*ct	Cataclastic	*q	Augen
*d	Block (>64mm)/Xenolith	*r	Porphyroblastic
*e	Autoclastic/Hyaloclastic	*s	Hornfels
*f	Thickly Laminated	*t	foliated/sheared
*g	Thinly Laminated	*u	folded
*h	Clast Supported	*v	boudinage
*i	Matrix Supported	*w	fragmental (felsic>mafic)
*j	Granule (grit 2-4mm)	*x	fragmental (mafic>felsic)
*k	Pebble (4-64mm)	*y	Crystal Tuff (>50% of frags)
*l	Cobble (64-256mm)	*z	Lithic Tuff (>50% of frags)
*m	Boulder (>256)		

6. ROCK TYPE / PROTOLITH

<QFG>	Quartzofeldspathic	<PER>	Peridotite	<CHM>	Chem. Precip.
<QTZ>	Quartzite	<SER>	Serpentinite	<SLA>	Slate
<MAR>	Marble	<DUN>	Dunite	<KIM>	Kimberlite
<SKA>	Skarn(Calc-Silicate)	<PRX>	Pyroxenite	<CAR>	Carbonatite
<PHY>	Phyllite	<LMP>	Lamprophyre	<AMP>	Amphibolite
<TON>	Tonalite	<SST>	Sandstone	<MIG>	Migmatite
<SYN>	Syenite	<ARK>	Arkosic sandstone	<PEG>	Pegmatite
<GRA>	Granite	<WCK>	Graywacke	<LEU>	Leucocratic
<MON>	Monzonite	<CGL>	Conglomerate	<MEL>	Melanocratic
<GRD>	Granodiorite	<SLT>	Siltstone	<UNK>	Unknown Protolith
<APL>	Aplite	<ARG>	Mudstone-argillite	<UMF>	Ultramafic
<FEL>	Felsite	<EXH>	Chert/exhalite	<MAF>	Mafic
<QDI>	Quartz Diorite	<QIF>	Silicate IF	<AND>	Andesite
<GAB>	Gabbro	<OIF>	Oxide IF	<DAC>	Dacite
<NOR>	Norite	<SIF>	Sulphide IF	<RHY>	Rhyodacite
<ANT>	Anorthosite	<CIF>	Carbonate IF	<RHY>	Rhyolite
<DIO>	Diorite	<SHA>	Shale	<SCL>	Sulphide Clasts
		<LST>	Limestone	<RWV>	Reworked Volcanic Debris

ALTERATION CODES

FORM	
S	Spots
F	Fracture/vein controlled
P	Pervasive
STRENGTH	
S	Strong
M	Moderate
W	Weak

Example: EpPW = Epidote,Pervasive,Weak

MINERALIZATION CODES

FORM		PERCENTAGE
D	Disseminated/Blebs	Numeric percentage, or percentage range (i.e. 1-3%), must always be specified
F	Fracture/vein controlled	
M	Massive	
B	Bedded	
C	Clasts/Fragments	

Example: CpB3% = Chalcopyrite, Bedded, 3%





Ontario

Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) W0060.00481 Assessment Files Research Imaging



42A14SE2013 2.20736 PROSSER

900

y of subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, he assesment work and correspond with the mining land holder. Questions about this of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury,

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)

2.20736

Form with fields for Name, Address, Client Number, Telephone Number, Fax Number for Falconbridge Limited.

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 (209m of Diamond Drilling), Office Use, Dates Work Performed, NTS Reference, Mining Division (Porcupine), Resident Geologist (Timmins).

- 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, Fax Number for Gary De Schutter - Falconbridge Limited. Includes a RECEIVED stamp dated NOV 24 2003 from GEOSCIENCE ASSESSMENT OFFICE.

4. Certification by Recorded Holder or Agent

I, Gary De Schutter, 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 appexed report is true.

Form with fields for Signature of Recorded Holder or Agent, Date (Nov 22/00), Address, Telephone Number, Fax Number.

2876

5. Work to be recorded and distributed. 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.

W0060.00481

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	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
^{16000 HRC} 6061 NEC	64 ha	\$11,021	N/A	\$3,200	\$7,821
2 P1171632	1	0	\$800	0	0
3 P1171633	1	0	\$800	0	0
4 P1171634	1	0	\$800	0	0
5 P1171635	1	0	\$800	0	0
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals	4	\$11,021	\$3,200	\$3,200	\$7,821

I, Gary De Schutter, 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

Date

[Handwritten Signature]

Nov 22/00

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

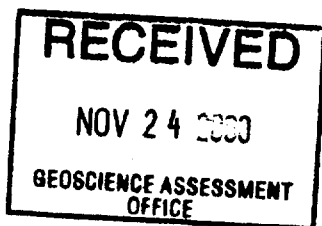
Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 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



0241 (03/97)

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 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Table with 4 columns: Work Type, Units of work, Cost Per Unit of work, Total Cost. Rows include Diamond Drilling, Geochem Sampling, Whole Rock Sampling, Geologist supervision, Associated Costs (e.g. supplies, mobilization and demobilization), Core box lids (25), Transportation Costs, Truck fuel, Food and Lodging Costs, and Total Value of Assessment Work \$11,021.50.

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 x 0.50 = Total \$ value of worked claimed.

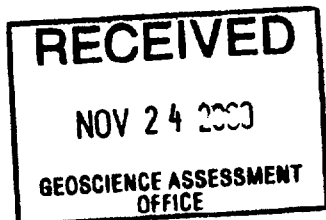
Note:

- 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, Gary De Schutter, do hereby certify, that the amounts shown are as 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 Senior Field Geologist, Falconbridge Limited I am authorized to make this certification. (recorded holder, agent, or state company position with signing authority)



Signature: [Handwritten Signature] Date: Nov 22/00

December 20, 2000

FALCONBRIDGE LIMITED
SUITE 1200, 95 WELLINGTON STREET WEST
TORONTO, ONTARIO
M5J-2V4

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

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

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

Dear Sir or Madam:

Submission Number: 2.20736

Status

Subject: Transaction Number(s): W0060.00481 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 JIM MCAULEY by e-mail at james.mcauley@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



ORIGINAL SIGNED BY
Lucille Jerome
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20736

Date Correspondence Sent: December 20, 2000

Assessor: JIM MCAULEY

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0060.00481	6061	PROSSER	Approval	December 20, 2000

Section:
16 Drilling PDRILL

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.

Correspondence to:
Resident Geologist
South Porcupine, ON

Recorded Holder(s) and/or Agent(s):
Gary Deschutter
TIMMINS, ONTARIO, CANADA

Assessment Files Library
Sudbury, ON

FALCONBRIDGE LIMITED
TORONTO, ONTARIO

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

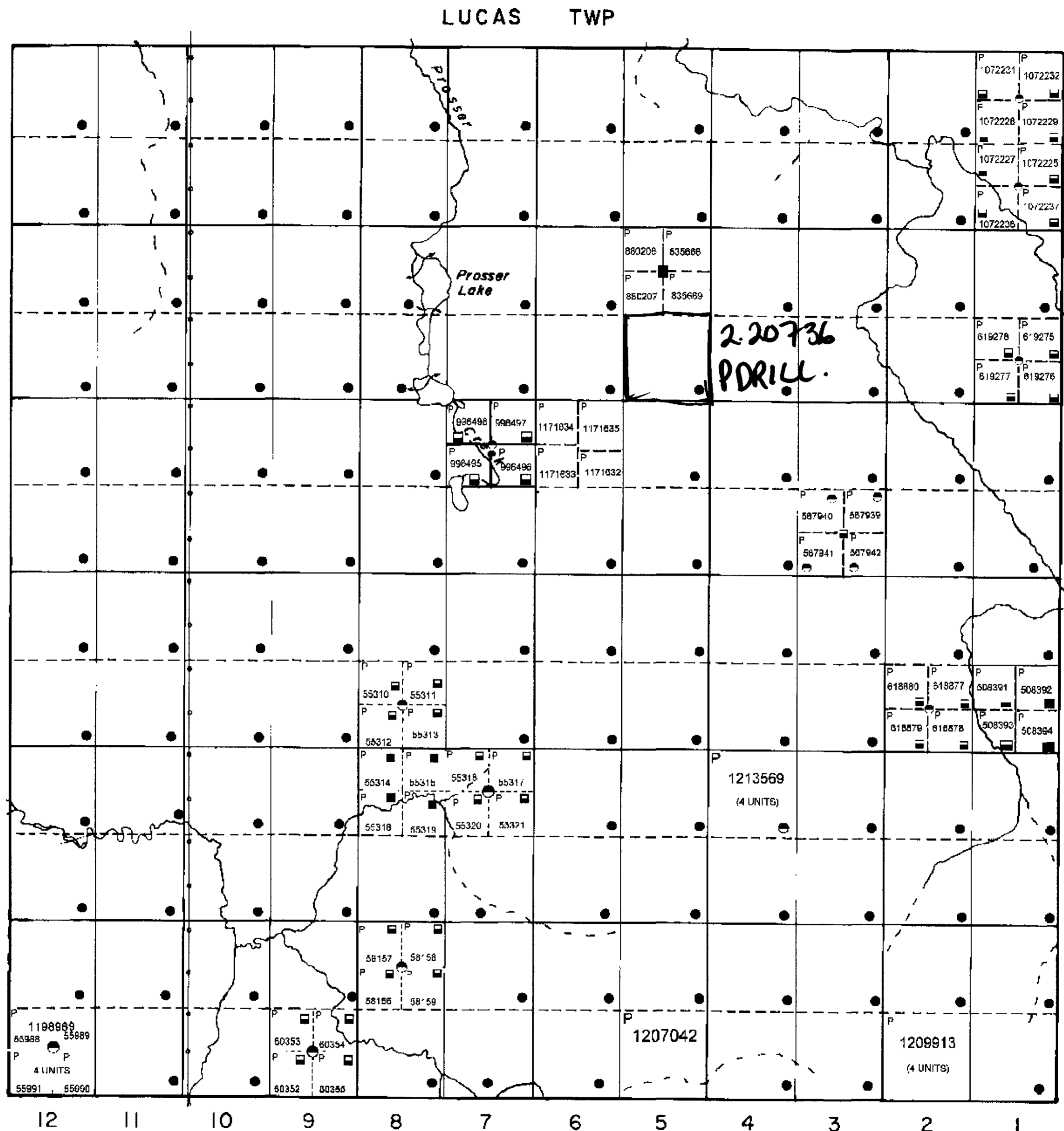
- | TYPE OF DOCUMENT | SYMBOL |
|--|--------|
| PATENT SURFACE & MINING RIGHTS | ● |
| " , SURFACE RIGHTS ONLY | ○ |
| " , MINING RIGHTS ONLY | ◐ |
| LEASE, SURFACE & MINING RIGHTS | ■ |
| " , SURFACE RIGHTS ONLY | □ |
| " , MINING RIGHTS ONLY | ◻ |
| LICENCE OF OCCUPATION | ▼ |
| ORDER-IN-COUNCIL | OC |
| RESERVATION | ⊙ |
| CANCELLED | ⊖ |
| SAND & GRAVEL | ⊕ |
| LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS | ✓ |
- NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 360, SEC. 63, SUBSEC. 1.



42A14SE2013 2.20736 PROSSER 200

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.

CARNEGIE TWP

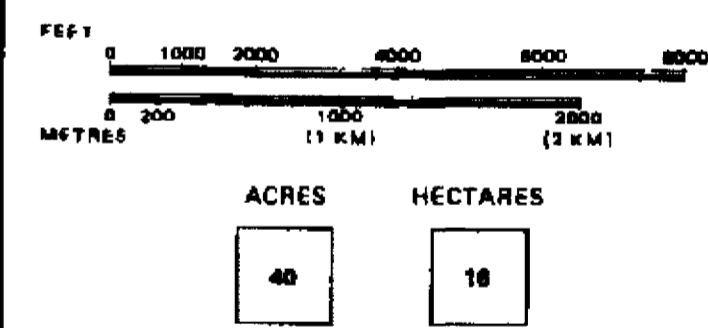


WARK TWP

NOTES

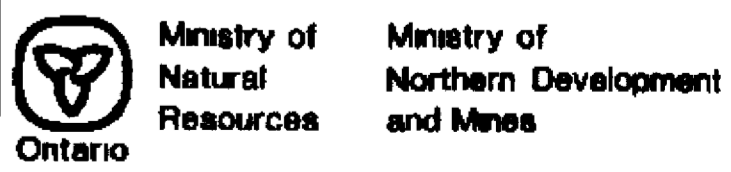
400 surface rights reservation along the shores of all lakes and rivers

SCALE 1 INCH = 40 CHAINS



TOWNSHIP
PROSSER

MNR ADMINISTRATIVE DISTRICT
TIMMINS
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
COCHRANE



Date FEB 1980
ACTIVATED JULY 14 1982
Number
G-3965
CHECKED BY GW

RECEIVED

NOV 24 2003

GEOSCIENCE ASSESSMENT
OFFICE

L 173+00E

L 174+00E

L 176+00E

L 177+00E

L 178+00E

L 180+00E

L 159+00N

Falconbridge Mining Lease 106065
P835669

P54-04
L177+00E, 156+00N
(481497mE, 5402385mN)
Azimuth: 180°
Dip: -50°
Length: 209m

CON 5

KA03005
KA03006

EOH 200m

5.F.g
5.a.g
7.a.m
5.g
7.a.m
2.a.e

BL 155+00N

Falconbridge Mining Patent
6061 NEC

L 151+00N

0 0.1 0.2

kilometres

LOT 5

LOT 4

ASTRONOMIC

FALCONBRIDGE LIMITED

Exploration Division Timmins, ONTARIO

Drill Hole P54-04
Plan View Map
Prosser Township

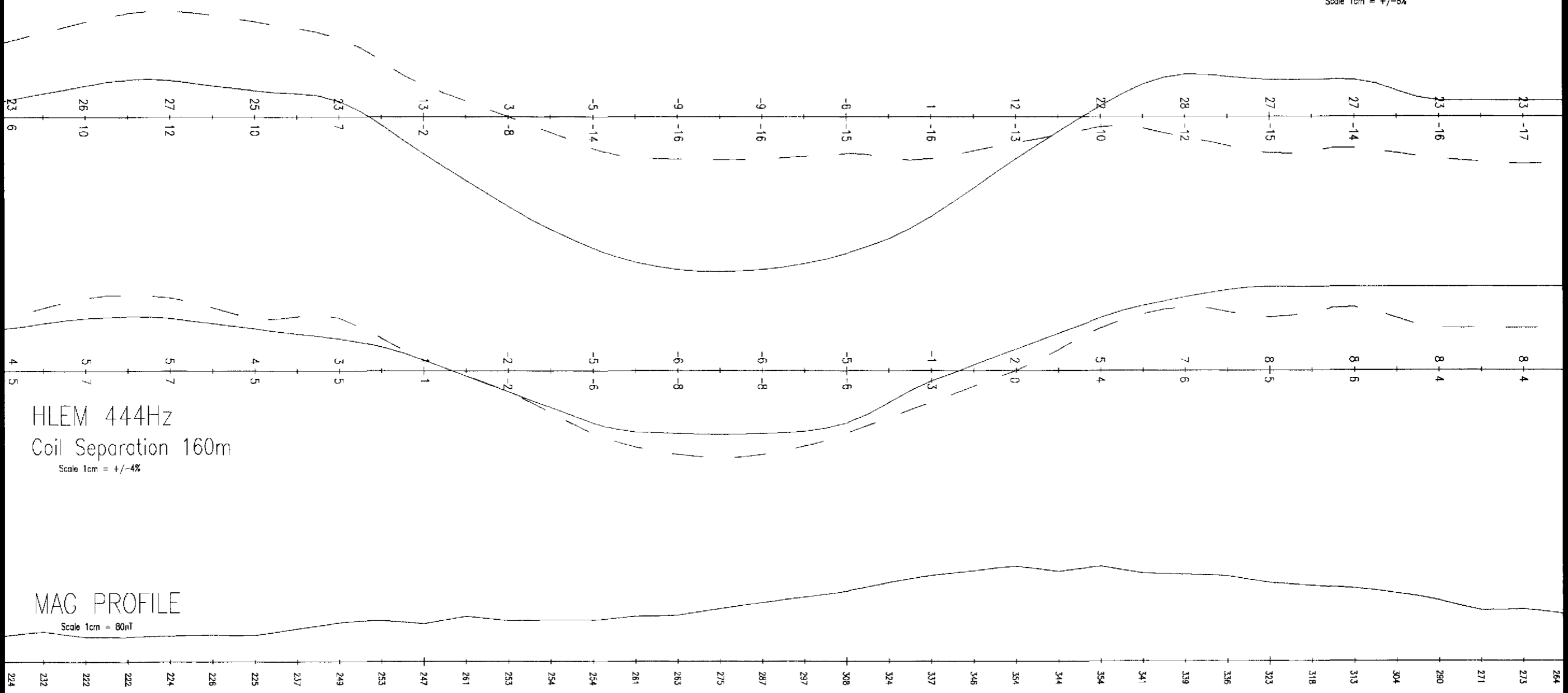
Porcupine Mining Division

TRACED: A.D.T.	DATE: 08/08	NIS:	PROJECT: 34
DRAWN: A.D.T.	DATE: 08/08	MAP NO.:	FILE: P54-04_P54-04.PDF
SUPERVISED: S.M.	DATE: 08/08	1:5,000	
REVISED: GDS	DATE: 11/20/00		



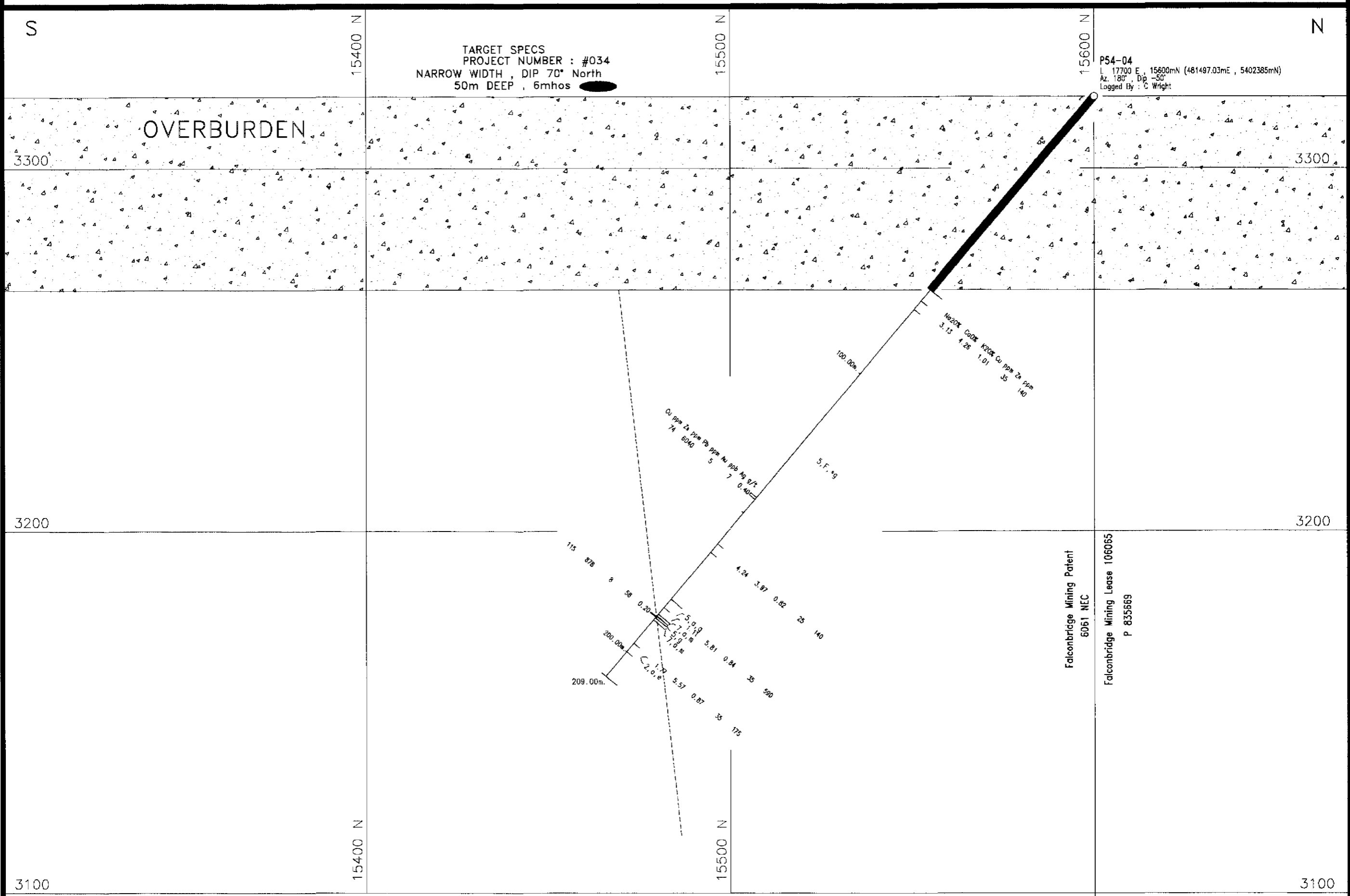
42A14SE2013 2.20736 PROSSER

210



HLEM 444Hz
Coil Separation 160m
Scale 1cm = +/- 4%

MAG PROFILE
Scale 1cm = 80nT



LEGEND

- | | | | |
|----|------------------------------|---|-----------------------------|
| 10 | DIABASE | 5 | SEDIMENTARY ROCKS |
| 9 | FELSIC INTRUSIVE ROCKS | 4 | FELSIC VOLCANIC ROCKS |
| 8 | INTERMEDIATE INTRUSIVE ROCKS | 3 | INTERMEDIATE VOLCANIC ROCKS |
| 7 | MAFIC INTRUSIVE ROCKS | 2 | MAFIC VOLCANIC ROCKS |
| 6 | ULTRAMAFIC INTRUSIVE ROCKS | 1 | ULTRAMAFIC VOLCANIC ROCKS |



KIDD-HBED JV		ASSAY TABLE														P54-04			
SAMPL. No.	FROM (M)	TO (M)	Int (M)	Cu ppe	Zn ppm	Pb ppe	Ni ppm	Au ppb	Ag ppm	Ce ppm	S ppm	As ppm	Est. Ni %	Est. Po %	Est. Py %	Est. Cp %	Est. Sp %	Est. Or %	ROCK T
K403005	144.40	145.10	0.774	8040	5	100	7	0.4	30	1.38	22								S.F. +g
K403006	187.35	187.55	0.2115	878	8	142	58	0.2	45	3.72	5								Sg

KIDD-HBED JV		GEOCHEM TABLE																												P54-04					
SAMPL. No.	FROM (M)	TO (M)	Int (M)	SiO2 %	Al2O3 %	CaO %	MgO %	Na2O %	K2O %	Fe2O3 %	TiO2 %	P2O5 %	MnO %	LDI %	SUM %	V PPM	Zr PPM	OR PPM	NI PPM	GR PPM	FIELD NAME	CHEN ID	ALUM	CO PPM	S PPM	V PPM	BE PPM	SC PPM	MO PPM	CA/AL	NI/MGO	ISHKW	ZN/NA2		
K403001	74.00	77.00	3.0	56.87	16.80	4.26	3.50	3.13	1.01	8.60	1.08	0.13	0.15	3.86	99.42	20	110	35	140	106	210	5.F. +g	15	200	40	0.68	160	5	20	10	0.48	0.25	30	38	45
K403002	161.00	164.00	3.0	59.89	15.83	3.97	2.82	4.24	0.82	7.75	0.78	0.12	0.09	3.82	99.71	15	110	25	140	95	240	5.F. +g	15	175	30	1.95	110	5	16	10	0.45	0.25	32	30	33
K403003	184.10	187.10	3.0	58.25	9.25	3.81	2.52	1.11	0.84	9.01	0.50	0.07	0.11	11.05	98.52	20	70	35	580	100	340	5.F. +g	15	119	35	2.36	85	6	10	9.40	0.63	40	33	532	
K403004	197.00	200.00	3.0	47.72	15.48	3.57	12.58	11.77	0.87	15.25	2.12	0.32	0.28	7.76	89.72	40	140	36	175	40	110	2.F. +g	20	188	45	0.53	285	10	30	0.29	0.38	15	32	89	

FALCONBRIDGE LIMITED
Exploration Division
FL HBED JOINT VENTURE
GRID P54
LOOKING Az 270° PROSSER Twp.
DIAMOND DRILL SECTION L 17700 E
DDH P54-04

Traced: PROSSE DATE: 19/03/2000 NTS: 42-A/14 & 11 PROJECT: 034 (F53)
DRAWN: GEL DRAFTING DATE: 22/03/2000 Property: All FILE: P5401
SUPERVISED: G. Deschamps DATE: 17/03/2000 SCALE: 1:1 000 (metres)
REVISED: DATE: 20 30 40