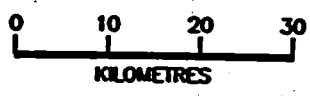


INDEX MAP

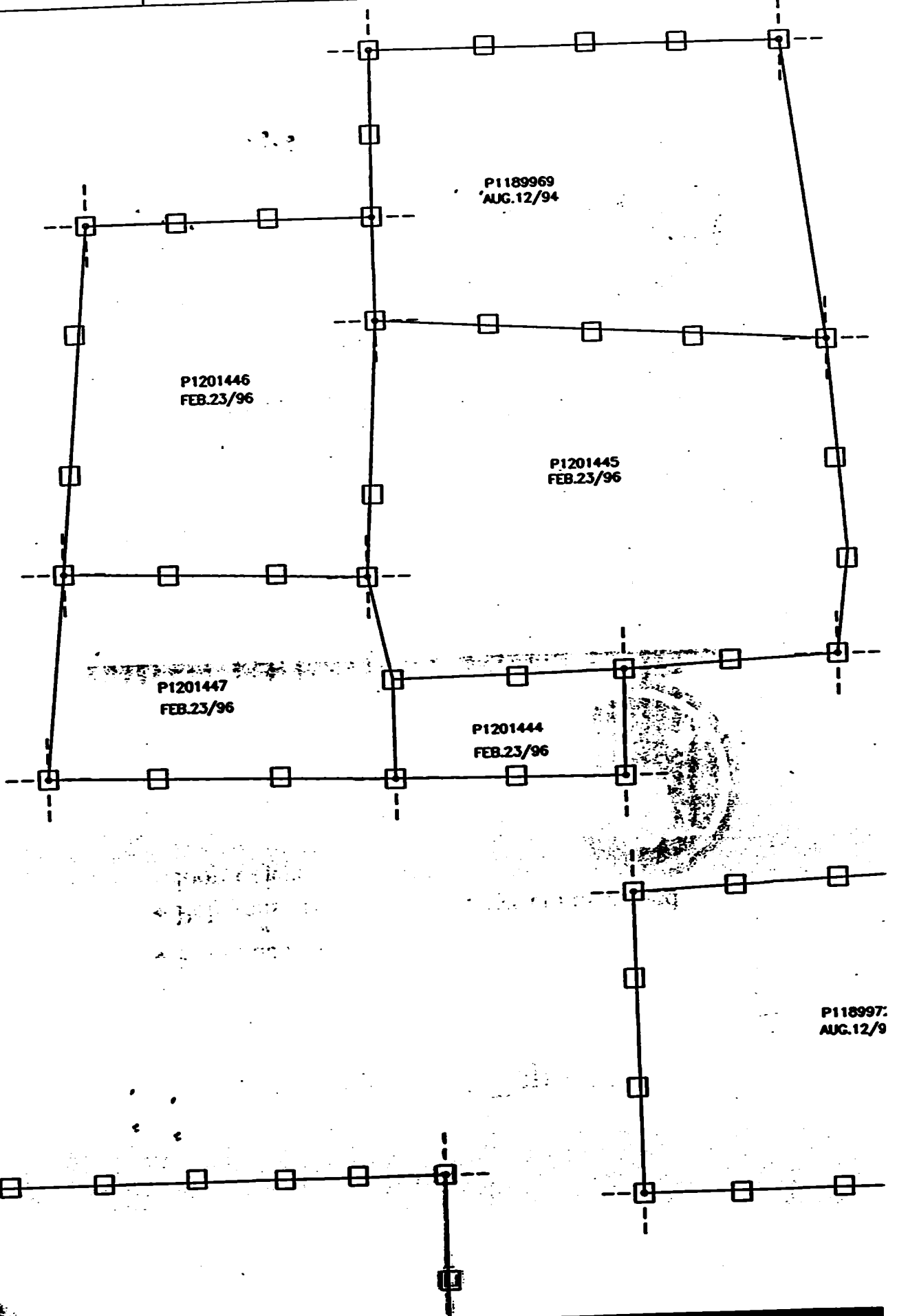


ASTRONOMIC



T ORIENTED UTM NORTH AZIMUTH 339°54'

<b>FALCONBRIDGE LIMITED</b>		
Exploration Division	Timmins ONTARIO	
<b>REAUME &amp; HANNA TOWNSHIPS</b>		
<b>CLAIM MAP</b>		
TRACED: POW/TSVL	DATE: 04/92,06/94	NTS: 42-A/14 & 15 PROJECT: 8029
DRAWN: EL	DATE: 10/06/94	MAP No: REAHAN FILE: REAHAN-P
SUPERVISED: D.Mc.	DATE: 06/94	SCALE 1:20 000 <sup>m</sup> (metres)
REVISED:	DATE:	



**ALTERATION CODES**

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

Example: EpPW = Epidote, Perseve, Weak

**MINERALIZATION CODES**

FORM	
D	Disseminated/Stebs
F	Fracture/vein controlled
M	Massive
B	Bedded
C	Clasts/Fragments

**PERCENTAGE**

Numeric percentage, or percentage range (i.e. 1-3%), must always be specified

Example: CpB3% = Chalcopyrite, Bedded, 3%

AMERICAN MINING ASSOCIATION

1000000000

**5. MINERALOGICAL NAMES**

Ak	Actinolite
Alb	Albite
Al	Almandine
Am	Amphibolite
Ah	Anhydrite
Ad	Andalusite
Ay	Anthophyllite
Ap	Apatite
Ar	Argentite
Asp	Arsenopyrite
Asb	Asbestos
Aug	Augite
Az	Azurite
Ba	Baerite
bl	Blanninite
Bl	Biotite
Bo	Bornite
Ca	Calcite
Cn	Chalcodony
Cc	Chalcocite
Cp	Chalcopyrite
Chl	Chlorite
Ch	Chloroid
Cr	Chromite
Cpx	Clinopyroxene
Co	Cobalt Minerals
Cv	Covellite
Ct	Cordierite
Dp	Diopside
Dol	Dolomite
Epl	Epidote
Fel	Feldspar
Fl	Fluorite

Fo	Fuchsite
Gn	Galenite
Gt	Garnet
VG	Gold
Gf	Graphite
GS	Gravel & sand
Gyp	Gypsum
Hem	Hematite
Hb	Hornblende
Hy	Hypersthene
Il	Ilmenite
I-F	Iron Formation
Jr	Jarosite
Ky	Kyanite
Ls	Limestone
Ln	Linonite
Mag	Magnetite
Mc	Malachite
Ma	Marcasite
Mi	Mica
Mk	Microcline
Ml	Millerite
Mo	Molybdenite
Mu	Muscovite
Na	Nepheline
Nc	Nicoelite
Ni	Nickel minerals
Ov	Olivine
Or	Orthoclase
Opx	Orthopyroxene
Pl	Plagioclase
Pg	Plagioclase

Pn	Perthite
Py	Pyrite
Px	Pyroxene
Po	Pyrrhotite
Qt	Quartz
Ro	Rhodochrosite
Ru	Rutile
Sur	Serpentine
Sc	Sericite
Sh	Scheelite
Sid	Siderite
Sl	Silica
Sm	Silliminite
Sps	Spessartite
Sph	Sphalerite
Ti	Sphene (Titanite)
Ag	Silver
Sp	Spinel
Spd	Spodumene
St	Staurolite
Sb	Sulphide
Sul	Sulphides
S-M	Mass. Sulphides
S-D	Dis. Sulphides
Tx	Talc
Te	Tellurite
Tt	Tetrahedrite
Te-Ci	Tenite-Columbite
Tl	Tourmaline
Tr	Tremolite
Wb	Wollastonite
Zr	Zircon

**6. ROCK TYPE / PROTOLITH**

<QFG>	Quartzofeldspathic
<QTZ>	Quartzite
<MAR>	Marble
<SKA>	Slate (Calc-Silicate)
<PHY>	Phyllite
<TON>	Tonalite
<SYN>	Syenite
<GRA>	Granite
<MON>	Monzonite
<GRD>	Granodiorite
<APL>	Aplite
<FEL>	Felsite
<QDI>	Quartz Diorite
<GAB>	Gabbro
<NOR>	Norite
<ANT>	Anorthosite
<DIO>	Diorite

<PER>	Peridotite
<SER>	Serpentinite
<DUN>	Dunite
<PRO>	Pyroxenite
<LMP>	Lamprophyre
<SST>	Sandstone
<ARI>	Arkose sandstone
<WCK>	Greywacke
<CGL>	Conglomerate
<SLT>	Siltstone
<ARG>	Mudstone-argillite
<EXH>	Chert/shale
<QIF>	Silicate IF
<OIF>	Oxide IF
<SIF>	Sulphide IF
<CIF>	Carbonate IF
<SHA>	Shale
<LST>	Limestone

<CHP>	Chem. Precip.
<SLA>	Slate
<GIB>	Gneiss
<CAR>	Carbonate
<AMP>	Amphibolite
<MG>	Migmatite
<PEG>	Pegmatite
<LEU>	Leucocratic
<MEL>	Melanocratic
<UNK>	Unknown Protolith
<UMF>	Ultramafic
<MAF>	Mafic
<AND>	Andesite
<DAC>	Dacite
<RYD>	Rhyodacite
<RHY>	Rhyolite
<SCL>	Sulphide Clasts
<RWV>	Reworked Volcanic Debris

**TRIMBLE EXPLORATION - AMENDED ROCK LEGEND - V7.0**

**1. MAIN ROCK DIVISIONS**

- 15** To be Announced
- 14** Huronian Supergroup
- 13** Metamorphic (Unknown)
- 12** Gneiss
- 11** Schist
- 10** <sup>i</sup> Diabase
- 9** Felsic Intrusive
- 8** Intermediate Intr. Rocks
- 7** Mafic Intrusive Rocks
- 6** Ultramafic Intr. Rocks
- 5** Sedimentary Rocks
- 5s** 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	Heterolithic
c	Coarse Grained	D	Feldspar Phyric
d	Quartz-Feldspar Phyric	E	Chert
e	Amygdaloidal/Vesicular	F	Wacke
f	Primary Fragmentals	G	Leucosome Bearing
g	Graphitic/Argillaceous	H	Basaltic Komatiite
h	Tholeiitic	J	Pyroxenite
i	Alkalic	K	Not Textured
j	Calo-Alkalic	L	Peridotite
k	Komatiitic	M	Dunite
l	Flows (banded)	N	Ophite
m	Massive	P	Porphyritic
n	Varicillio/Spherulitic	Q	
p	Pillowed	R	Polytextured
q	Quartz Phyric	S	Fractured
r	Oxide Iron Formation	T	Gabbroic Textured
s	Sulphides, Exhalites	U	Pyroxene Spinifex
t	Pyroclastic	V	Olivine Spinifex
u	High Mg	W	Statoid/Crescumulate
v	High Fe	X	Accumulate
w	High Al	Y	Mesocumulate
x	Andesite	Z	Orthocumulate
y	Islandite		
z	Highly Evolved (Y>60)		

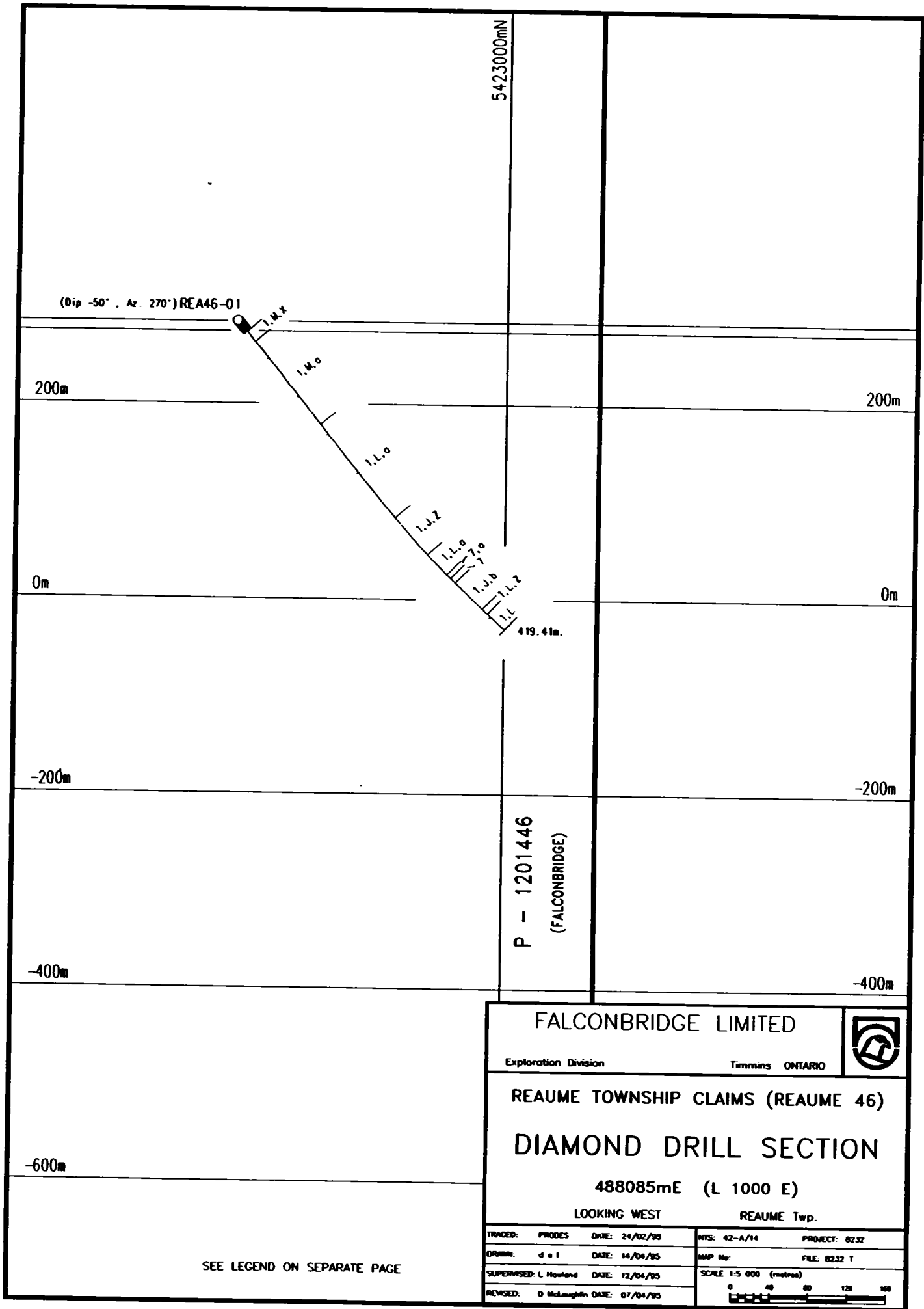
**ROCK NAMES MUST HAVE ALL MODIFIERS COMMA DELIMITED AND CAN BE NO LONGER THAN 16 CHARACTERS, COMMAS INCLUDED. Example: 3,y,d-0AC>1**



**3. ALTERATION MODIFIERS**

Ab	Albitization
Bl	Bleached
C>	Carbonaceous
Cb	Carbonatization
Ch	Chloritization
Ep	Epidotization
F>	Iron Carbonatization
Ha	Hematization
K>	Potassic Alteration
Re	Rust Stained
Se	Sericitization
Sl	Silicification
Sr	Serpentinization
To	Taio-Carbonatization
Tk	Talc

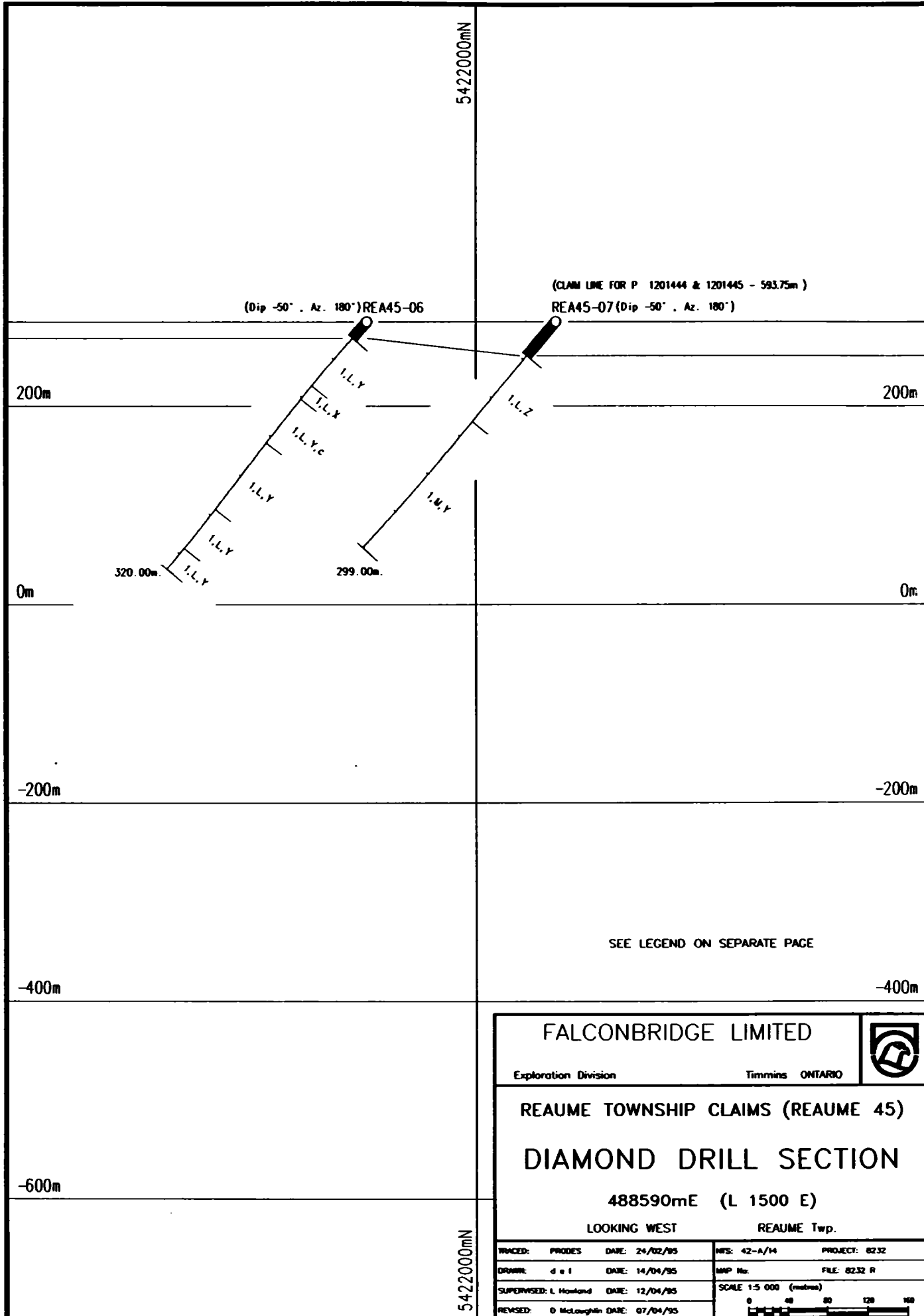
**4. Textural/Structural MODIFIERS**

*a	Tuff (57% <2mm)	*n	Graded Bedding
*b	Lapilli Tuff (2-64mm)	*o	Cross bedding
*c	Lapillstone (70% <254mm)	*p	Fault Gouge
*d	Block (>64mm)/Xenolith	*q	Augen
*e	Autoclastic/hyaloclastic	*r	Porphyroblastic
*f	Thickly Laminated	*s	Hornfels
*g	Thinly Laminated	*t	folded/sheared
*h	Clast Supported	*u	folded
*i	Matrix Supported	*v	boudinage
*j	Granule (grit 2-4mm)	*w	fragmental (felsic>mafic)
*k	Pebble (4-64mm)	*x	fragmental (mafic>felsic)
*l	Cobble (64-256mm)	*y	Crystal Tuff (>50% of frags)
*m	Boulder (>256)	*z	Lithic Tuff (>50% of frags)



<b>FALCONBRIDGE LIMITED</b>		
Exploration Division	Timmins ONTARIO	
<b>REAUME TOWNSHIP CLAIMS (REAUME 46)</b>		
<b>DIAMOND DRILL SECTION</b>		
488085mE (L 1000 E)		
LOOKING WEST		REAUME Twp.
TRACED: PRODES	DATE: 24/02/95	NTS: 42-A/14 PROJECT: 8232
DRAWN: d e l	DATE: 14/04/95	MAP No: FILE: 8232 T
SUPERVISED: L. Howland	DATE: 12/04/95	SCALE 1:5 000 (metres)
REVISED: D. McLoughlin	DATE: 07/04/95	

SEE LEGEND ON SEPARATE PAGE



(Dip -50° . Az. 180°) REA45-06  
 (CLAIM LINE FOR P 1201444 & 1201445 - 593.75m)  
 REA45-07 (Dip -50° . Az. 180°)

200m

200m

0m

0m

-200m

-200m

-400m

-400m

-600m

SEE LEGEND ON SEPARATE PAGE

FALCONBRIDGE LIMITED



Exploration Division Timmins ONTARIO

REAUME TOWNSHIP CLAIMS (REAUME 45)

DIAMOND DRILL SECTION

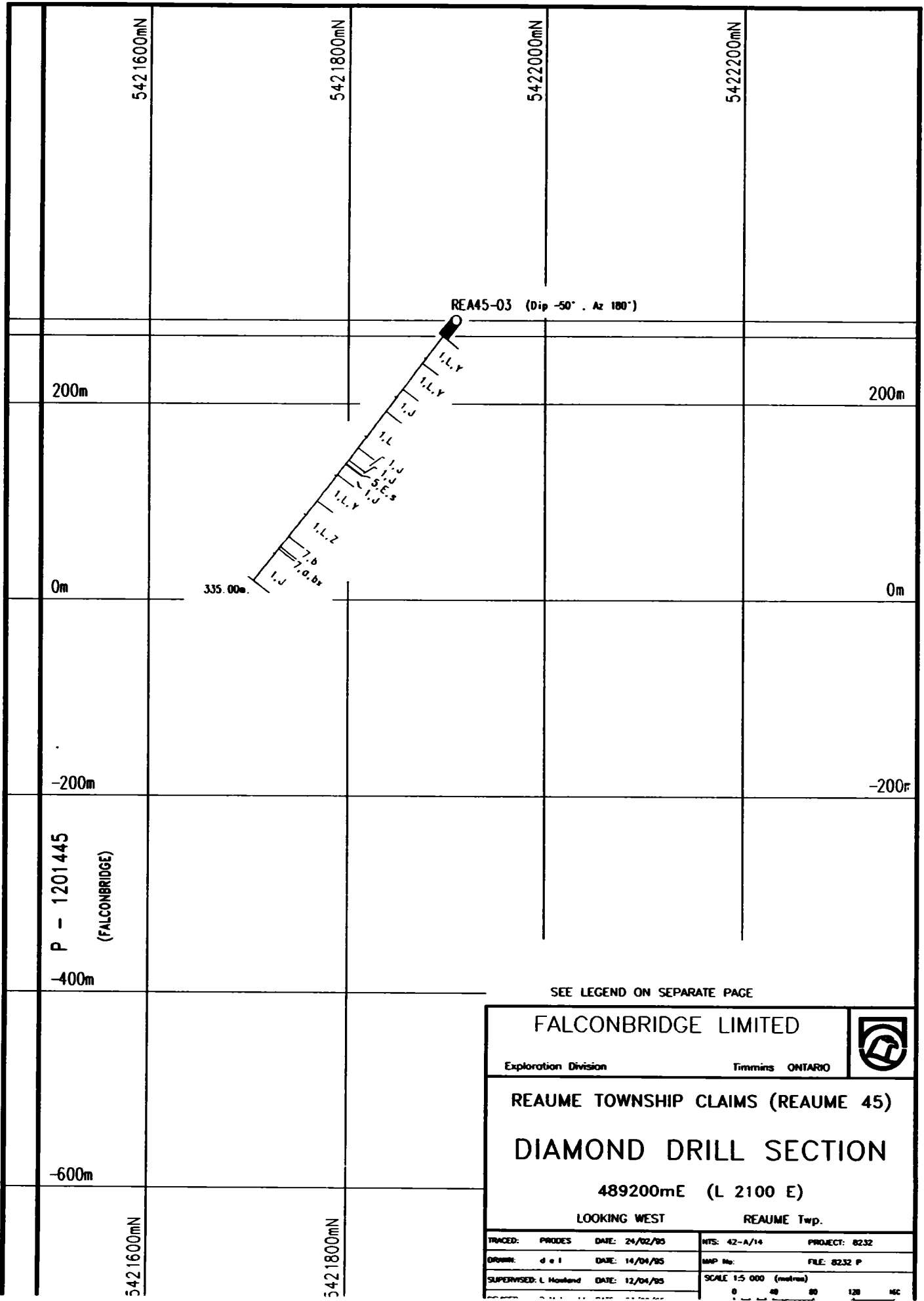
488590mE (L 1500 E)

LOOKING WEST REAUME Twp.

TRACED:	PRODES	DATE: 24/02/95	MPS: 42-A/14	PROJECT: 8232
DRAWN:	d e l	DATE: 14/04/95	MMP No:	FILE: 8232 R
SUPERVISED:	L. Howland	DATE: 12/04/95	SCALE 1:5 000 (metres)	
REVISED:	D. McLoughlin	DATE: 07/04/95	0 40 80 120 160	

5422000mN

5422000mN



REA45-03 (Dip -50° . Az 180°)

200m

200m

0m

0m

-200m

-200m

P - 1201445  
(FALCONBRIDGE)

-400m

-600m

335.00m

SEE LEGEND ON SEPARATE PAGE

FALCONBRIDGE LIMITED

Exploration Division

Timmins ONTARIO



REAUME TOWNSHIP CLAIMS (REAUME 45)

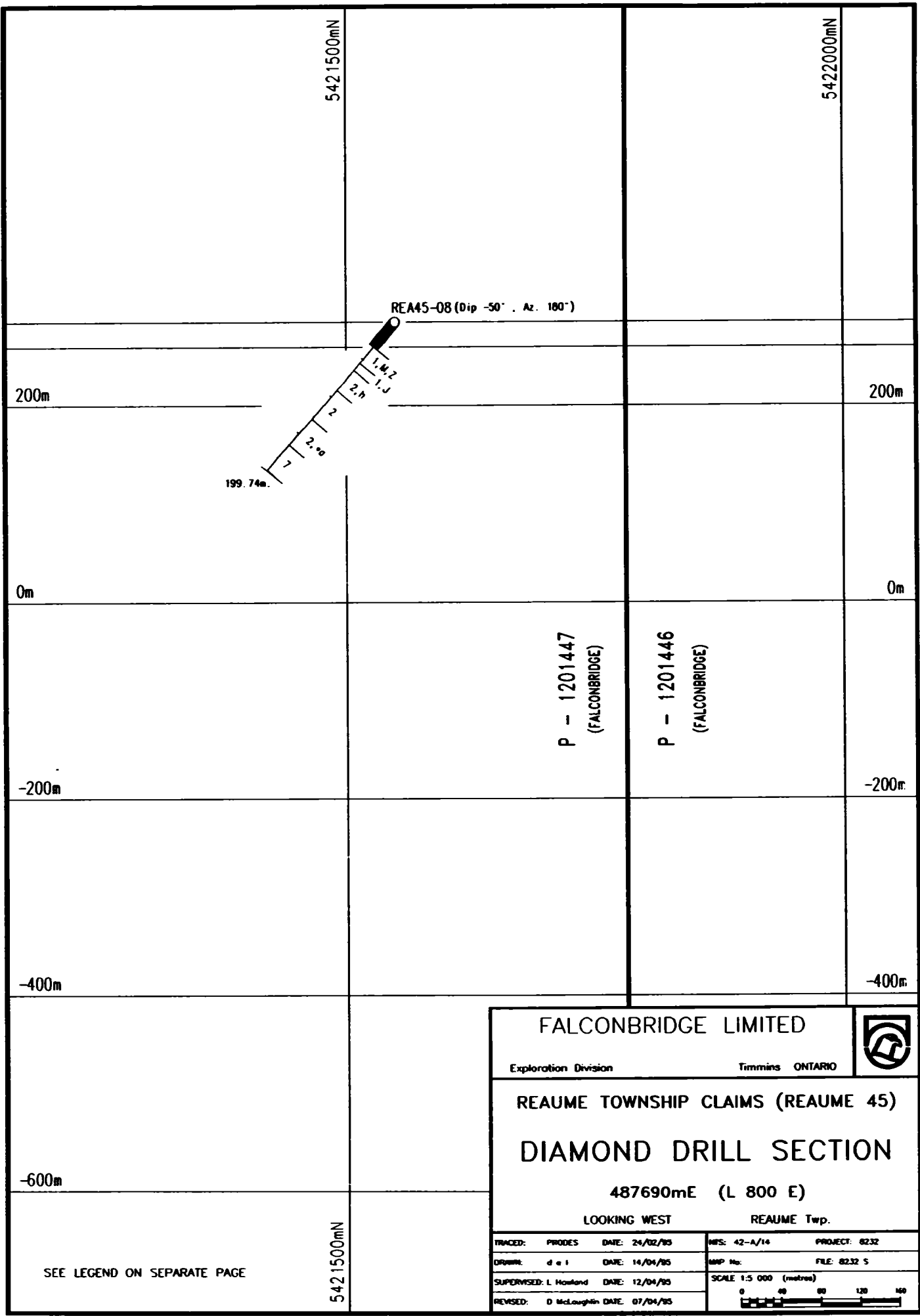
DIAMOND DRILL SECTION

489200mE (L 2100 E)



LOOKING WEST

REAUME Twp.

TRACED:	PRODES	DATE: 24/02/95	NTS: 42-A/14	PROJECT: 8232
DRAWN:	d e l	DATE: 14/04/95	MMP No:	FILE: 8232 P
SUPERVISED:	L. Housford	DATE: 12/04/95	SCALE 1:5 000 (metres)	
			0	40 80 120 MC



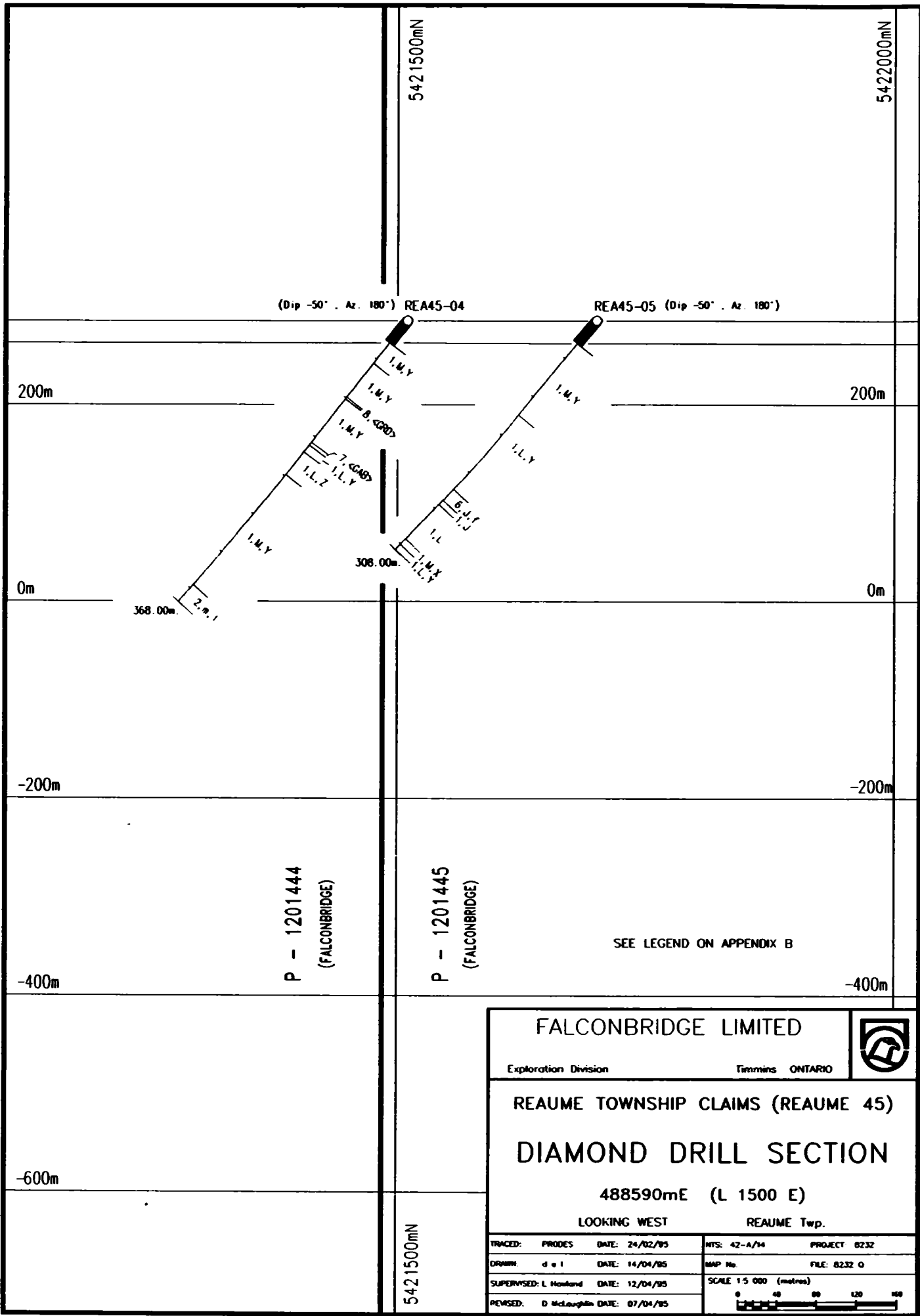
SEE LEGEND ON SEPARATE PAGE

<b>FALCONBRIDGE LIMITED</b>		
Exploration Division	Timmins ONTARIO	
<b>REAUME TOWNSHIP CLAIMS (REAUME 45)</b>		
<b>DIAMOND DRILL SECTION</b>		
487690mE (L 800 E)		
LOOKING WEST		REAUME Twp.
TRACED: PRODES	DATE: 24/02/95	NRS: 42-A/14 PROJECT: 8232
DRAWN: d e l	DATE: 14/04/95	MAP No: FILE: 8232 S
SUPERVISED: L Howland	DATE: 12/04/95	SCALE 1:5 000 (metres)
REVISED: D McLaughlin	DATE: 07/04/95	









(Dip -50° . Az. 180°) REA45-04

REA45-05 (Dip -50° . Az. 180°)

200m

200m

0m

0m

-200m

-200m

-400m

-400m

-600m

P - 1201444  
(FALCONBRIDGE)

P - 1201445  
(FALCONBRIDGE)

SEE LEGEND ON APPENDIX B

FALCONBRIDGE LIMITED



Exploration Division Timmins ONTARIO

REAUME TOWNSHIP CLAIMS (REAUME 45)

DIAMOND DRILL SECTION

488590mE (L 1500 E)

LOOKING WEST REAUME Twp.

TRACED: PRODES	DATE: 24/02/95	HTS: 42-A/14	PROJECT: 8232
DRAWN: d e l	DATE: 14/04/95	MAP No:	FILE: 8232 O
SUPERVISED: L Howland	DATE: 12/04/95	SCALE 1:5 000 (metres)	
REVISED: D McLoughlin	DATE: 07/04/95		

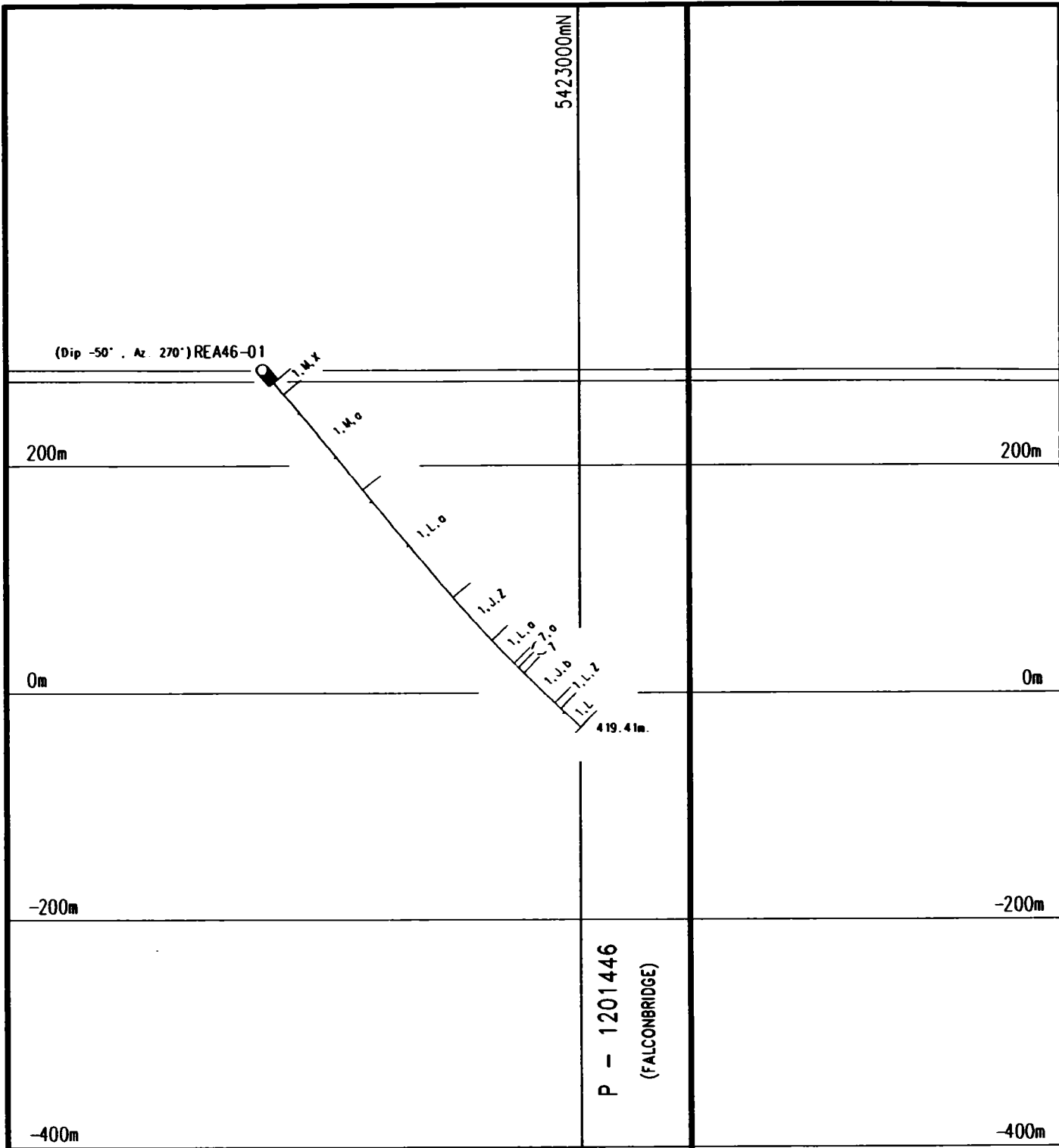
5421500mN

5422000mN

5421500mN

368.00m

308.00m



P - 1201446  
(FALCONBRIDGE)

FALCONBRIDGE LIMITED



Exploration Division

Timmins ONTARIO

REAUME TOWNSHIP CLAIMS (REAUME 46)

DIAMOND DRILL SECTION

488085mE (L 1000 E)

LOOKING WEST

REAUME Twp.

-600m

SEE LEGEND ON APPENDIX B

TRACED: PRODES	DATE: 24/02/95	MFS: 42-A/14	PROJECT: 8232
DRAWN: d e l	DATE: 14/04/95	MMP No.	FILE: 8232 T
SUPERVISED: L. Howland	DATE: 12/04/95	SCALE 1:5 000 (metres)	
REVISED: D. McLaughlin	DATE: 07/04/95	0 40 80 120 160	



5422000mN

5422000mN

200m

200m

0m

0m

-200m

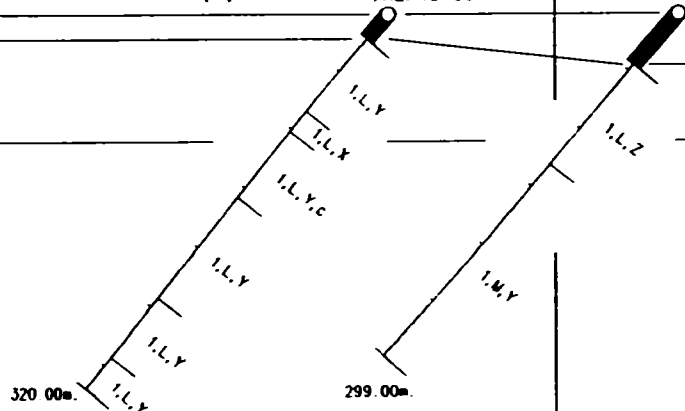
-200m

-400m



-400m

-600m

(Dip -50° , Az. 180°) REA45-06  
(CLAIM LINE FOR P 1201444 & 1201445 - 593.75m )  
REA45-07 (Dip -50° , Az. 180°)



SEE LEGEND ON APPENDIX B

<b>FALCONBRIDGE LIMITED</b>		
Exploration Division	Timmins ONTARIO	
<b>REAUME TOWNSHIP CLAIMS (REAUME 45)</b>		
<b>DIAMOND DRILL SECTION</b>		
488590mE (L 1500 E)		
LOOKING WEST		REAUME Twp.
TRACED: PRODES	DATE: 24/02/95	MTS: 42-A/14 PROJECT: 8232
DRAWN: d e l	DATE: 14/04/95	MAP No: FILE 8232 R
SUPERVISED: L. Hoiland	DATE: 12/04/95	SCALE 1:5 000 (metres)
REVISED: D. McLaughlin	DATE: 07/04/95	



020

HOLE NUMBER: REA45-03  
 PLOTING COORDS GRID: UTM  
 NORTH: 5421910.00M  
 EAST: 489200.00E  
 ELEV: 285.00  
 COLLAR ASTROMOMIC AZIMUTH: 190° 0' 0"

PROJECT NAME: 0232  
 PROJECT NUMBER: 002232  
 CLAIM NUMBER: P-1201445  
 LOCATION: REAUME TOWNSHIP  
 PALCONRIDGE LIMITED  
 DRILL HOLE RECORD  
 ALTERNATE COORDS GRID: LINE  
 NORTH: 6-208  
 EAST: 21+ 0E  
 ELEV: 285.00  
 GRID ASTROMOMIC AZIMUTH: 190° 0' 0"

DATE STARTED: 11/15/1994  
 DATE COMPLETED: 11/18/1994  
 DATE LOGGED: 11/19/1994  
 COLLAR SURVEY: NO  
 ROD LOG: NO  
 HOLE MAKES WATER: NO  
 PULSE BH SURVEY: YES  
 PLUGGED: YES  
 HOLE SIZE: NO  
 CONTRACTOR: MOKEX  
 CASINGS: 21.0M  
 CORE STORAGE: METSITE  
 UTM COORD.: 1

COMMENTS:  
 HEADS AT:  
 IMPERIAL UNITS: DATE: 02/27/1995  
 METRIC UNITS: X

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
29.00	157° 0' 0"	-52° 0' 0"	A	OK							
89.00	199° 0' 0"	-53° 0' 0"	S	OK							
149.00	198° 0' 0"	-53° 0' 0"	S	OK							
209.00	200° 0' 0"	-53° 0' 0"	A	OK							
269.00	200° 0' 0"	-52° 0' 0"	A	OK							
330.00	207° 0' 0"	-52° 0' 0"	S	OK							

HOLE NUMBER: REA45-03  
 DRILL HOLE RECORD  
 LOGGED BY: LANCE HOKLAND  
 PAGE: 1

*Southland*

HOLE NUMBER: RE445-03

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 21.00	CASING #1091					
21.00 TO 55.80	ULTRA-MAFIC HERC- CUMULATE VOLCANIC PERIDOTITE <1, L, Y>	<ul style="list-style-type: none"> <li>-medium green-grey.</li> <li>-medium grained.</li> </ul> Textures: <ul style="list-style-type: none"> <li>-olivines up to 2mm.</li> <li>-equigranular with local coarser grained sections to 2mm.</li> <li>-75% olivine.</li> <li>-10% pyroxene in a serpentinized groundmass.</li> <li>-occasional pyroxenite layers &lt;1.0m.</li> <li>-diag. rocks very magnetic with small magnetic layers.</li> <li>-structures!</li> <li>-moderately fractured at 60° to CA, 20° to CA.</li> <li>-20° to CA magnetite layering at 39.0m.</li> <li>-alkalenes parallel with fractures.</li> <li>-massive.</li> <li>-dark green.</li> <li>-medium grained with coarser grained intervals.</li> </ul>		<ul style="list-style-type: none"> <li>-weak. &lt;8r&gt;</li> <li>-weak. &lt;8r&gt;</li> </ul>	<ul style="list-style-type: none"> <li>{31.5-36.2} minor disseminated Po.</li> <li>&lt;1r&gt;Po</li> </ul>	<ul style="list-style-type: none"> <li>-gradational contact.</li> </ul>
55.80 TO 89.00	PERIDOTITE HERC- CUMULATE VOLCANIC <1, L, Y>	<ul style="list-style-type: none"> <li>-dark green.</li> <li>-medium grained with coarser grained intervals.</li> </ul> Textures: <ul style="list-style-type: none"> <li>-olivines up to 4mm.</li> <li>-equigranular with local coarse grained intervals to 6mm.</li> <li>-60.5-69.0m: gradational change, more pyroxene.</li> <li>-60-70% olivine.</li> <li>-10-15% pyroxene.</li> <li>-diag. rocks are very magnetite.</li> <li>-ground mass fine grained serpentine.</li> <li>-structures!</li> <li>-generally massive.</li> <li>-moderately fractured at 60-70° to CA.</li> <li>-alkalenes parallel with fractures.</li> <li>-dark grey-green with a tint of purple.</li> <li>-medium grained.</li> </ul>		<ul style="list-style-type: none"> <li>-weak. &lt;8r&gt;</li> <li>-moderate. &lt;8r&gt;</li> <li>-hematite staining in small sections.</li> </ul>	<ul style="list-style-type: none"> <li>-very trace disseminated Po.</li> </ul>	<ul style="list-style-type: none"> <li>-gradational contact.</li> </ul>
89.00 TO 117.40	ULTRA-MAFIC PYROXENITE VOLCANIC <1, J>	Textures: <ul style="list-style-type: none"> <li>-pyroxene 2.0-3.0m.</li> <li>-equigranular.</li> <li>-optitic textures becoming more evident through</li> </ul>		<ul style="list-style-type: none"> <li>-weak. &lt;8r&gt;</li> <li>-weak. &lt;8r&gt;</li> <li>-stronger within fractures.</li> </ul>	<ul style="list-style-type: none"> <li>{109.6-115.7}</li> <li>&lt;13&gt;Po</li> <li>-smaers in fractures and blabby.</li> </ul>	<ul style="list-style-type: none"> <li>-gradational contact.</li> </ul>

HOLE NUMBER: RE445-03

DRILL HOLE RECORD

LOGGED BY: LANCE KOLAND



HOLE NUMBER: REA45-03

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
117.40 TO 163.88	ULTRA-MAFIC PERIDOTITE *1.1*	<ul style="list-style-type: none"> <li>-section.</li> <li>-45-50% olivine.</li> <li>-20% pyroxene.</li> <li>-degr. strong magnetite throughout some localized massive magnetite bands, some with Po, 1-3cm apparent thickness.</li> <li>-stronger cumulate texture 89.0-99.0m becoming less from 99.0-117.0m.</li> <li>-3cm peridotite bands 97.0-99.0m.</li> <li>-Structure!</li> <li>-moderately fractured, filled with carbonate and serpentine, with occasional Po smears, 35° to CA.</li> <li>-magnetite bands at 35° to CA as well.</li> <li>-massive.</li> <li>-stickensides observed on fracture planes.</li> <li>-dark grey-green.</li> <li>-fine grained.</li> </ul> <p>Texture:</p> <ul style="list-style-type: none"> <li>-up to 40% olivine, 50% pyroxene.</li> <li>-wards of 10% fine grained disseminated magnetite with bands up to 20cm thickness.</li> <li>-localized mottled textured zones.</li> <li>-local olivine orthocumulate zones less than 50cm in thickness.</li> <li>-160.8-163.88m: transitional zone with olivine cumulate.</li> </ul> <p>Structure:</p> <ul style="list-style-type: none"> <li>-local cataclastic zones filled with carbonate and serpentine, possibly representing flow margins.</li> <li>-weak fracturing throughout rock again carbonate and serpentine filled.</li> </ul> <p>Light brownish grey.</p> <p>fine to medium grey.</p>		<ul style="list-style-type: none"> <li>-weak. *cb*</li> <li>-weak. *sp*</li> <li>-143.0-151.0m: emerald green coloured serpentine as veins and after pyroxene? (olivine)</li> </ul>	<ul style="list-style-type: none"> <li>{117.4-163.88}</li> <li>olivine</li> <li>-finely disseminated Po, Py.</li> <li>-rare Cpy.</li> <li>-some pyrite associated with the massive magnetite bands.</li> </ul>	<ul style="list-style-type: none"> <li>-gradational contact.</li> </ul>
163.88 TO 179.40	ULTRA-MAFIC PYROXENITE VOLCANIC *1.1*	<p>Texture:</p> <ul style="list-style-type: none"> <li>-up to 10% olivine, porphyritic in a fine grained pyroxene groundmass.</li> <li>-pyroxenes can be up to 5mm in small zones.</li> <li>-grain size is definitely decreasing in last 5.0m of section.</li> <li>-massive.</li> </ul>		<ul style="list-style-type: none"> <li>-looks amphibolized throughout.</li> <li>-weak quartz carbonate.</li> </ul>	<ul style="list-style-type: none"> <li>-minor Po, Cpy as fine grained disseminations and with quartz-carbonate veins &lt;1cm, veins at 20° to CA, 166.34-172.37}</li> <li>*132*</li> </ul>	<ul style="list-style-type: none"> <li>-lower contact is sheared, upper is transitional.</li> </ul>

HOLE NUMBER: REA45-03

DRILL HOLE RECORD

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
179.40 TO 183.87	PYROXENITE #1, J <sub>h</sub>	<p>Structure: -5° to CA shear. -small offsets with in 2.0m of shear zone. -shear zone over 1.5m. -weak fracturing with slickensides parallel to fractures.</p> <p>-light grey-green. -fine to medium grained.</p> <p>Texture: -olivine seems to become less abundant downhole indicating possible tops downhole. -up to 10% olivine locally. -very weakly magnetic. -altered groundmass with some pyroxene visible. -lower 20cm of unit is dark brown coloured, (fine grained with 5% amphibole xls (tourmaline)). Structure: -unit is highly sheared, CA 20° shear zone at 180.5m.</p>		<p>-strongly carbonatized. -moderately serpentinized.</p>	<p>{181.68-182.6} #2X<sub>200</sub> -1-3% disseminated Fe very fine grained (&lt;1mm).</p>	<p>-upper contact is sheared. -lower contact is fracture broken core.</p>
183.87 TO 184.60	CHERT #5, E, # <sub>h</sub>	<p>-dark to light grey. -fine grained sphanitic.</p> <p>Texture: -bands of alternating dark-light grey, &lt;1cm in width, sphanitic.</p>		<p>-#1a -strong and pervasive. -serpentine along fractures.</p>	<p>{183.87-184.6} #10X<sub>200</sub> -10% disseminated to banded Fe, with minor Cpy.</p>	<p>-lower contact is faulted.</p>
184.60 TO 198.31	PYROXENITE #1, J <sub>h</sub>	<p>-medium green coloured (fine grained). -upper 30cm is finer grained.</p> <p>Texture: -25% olivine in a pyroxene/eldspar groundmass. -equigranular. -{185.75-186.5} mafic intrusive #7, low pale green carbonatized with altered wallrock fragments up to 3cm. -both contacts sharp. Structure: -{193.0-196.5}m<sup>2</sup> -highly contorted cataclastic texture with local gouge.</p>		<p>-#Cb -pervasive and as microveins.</p>	<p>-#1x Fe in microveins and finely disseminated. -{185.75-186.5} -#2X<sub>200</sub>, 5X<sub>200</sub> -disseminated to blebby.</p>	

HOLE NUMBER: REAS-03

DRILL HOLE RECORD

DATE: 02/27/1999

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
198.31 TO 231.80	ULTRA-MAFIC PERIDOTITE CUMULATE *1, L, 2*	<ul style="list-style-type: none"> <li>-dark grey-grey, fine grained.</li> <li>Texture:               <ul style="list-style-type: none"> <li>-ortho-mesocumulate texture.</li> <li>-60-70% olivine in a pyroxene serpentine groundmass.</li> <li>-olivines are dark green, fine grained.</li> <li>-moderately magnetic.</li> </ul> </li> <li>Structure:               <ul style="list-style-type: none"> <li>-203.32-204.33 m<sup>2</sup>ts</li> <li>-highly sheared and powdered at 40° to CA.</li> <li>-212.21-213.64 m<sup>2</sup>ts</li> <li>-broken and blocky gouge at 20° to CA.</li> <li>-weakly fractured throughout.</li> <li>-224.9-227.3 m<sup>2</sup>ts</li> <li>-broken and blocky.</li> <li>-219.4-219.0m: brecciated zone.</li> </ul> </li> <li>-light grey-green.</li> <li>-medium grained.</li> </ul>		<ul style="list-style-type: none"> <li>-moderately structured.</li> <li>-carbonate and serpentine within fault shear zones.</li> <li>-generally, weakly carbonatized and serpentinized.</li> </ul>	<ul style="list-style-type: none"> <li>-very minor trace disseminated Py and Po.</li> </ul>	<ul style="list-style-type: none"> <li>-both contacts gradational.</li> </ul>
231.80 TO 278.00	ORTHO-CUMULATE PERIDOTITE *1, L, 2*	<ul style="list-style-type: none"> <li>Texture:               <ul style="list-style-type: none"> <li>-60% polyhedral pale olivine cumulate, within a serpentine, olivine groundmass.</li> <li>-strong orthocumulate texture looking optically in sections.</li> <li>-252.3-253.0m: up to 10% chromite xls &lt;1mm.</li> <li>-weak to moderately magnetic.</li> <li>-1-3cm magnetic bands or layers occasionally observed.</li> <li>-231.0-234.4m: localized coarser zone.</li> </ul> </li> <li>Structure:               <ul style="list-style-type: none"> <li>-241.06-241.21 m<sup>2</sup>ts</li> <li>-small shear zone, CA 35° for shear zone.</li> <li>-275.8-277.75 m<sup>2</sup>ts</li> <li>-shear zone just above contact with CA of 35°.</li> </ul> </li> <li>-medium green-brown-grey.</li> <li>-medium grained.</li> </ul>		<ul style="list-style-type: none"> <li>-weak to moderately chloritized.</li> </ul>	<ul style="list-style-type: none"> <li>-241.23-250.51 m<sup>2</sup>ts</li> <li>-minor finely disseminated Po throughout, with blebby Po occurrences within veins and fractures.</li> </ul>	<ul style="list-style-type: none"> <li>-gradational uphole contact.</li> <li>-sharp downhole contact.</li> </ul>
278.00 TO 291.24	MEDIUM GRAINED MAFIC INTERLIVE *1, 2*	<ul style="list-style-type: none"> <li>Texture:               <ul style="list-style-type: none"> <li>-massive.</li> <li>-fine grained possible chill zone near sharp uphole contact.</li> </ul> </li> <li>Structure:               <ul style="list-style-type: none"> <li>-sharp uphole contact with possible fine grained chill margin.</li> </ul> </li> </ul>				

HOLE NUMBER: REAS-03

DRILL HOLE RECORD

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HOLE NUMBER: REA45-03

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
291.24 TO 294.00	MAFIC INTRUSIVE of 'a, b'	<ul style="list-style-type: none"> <li>-placement structures, incorporation pieces of sedimentary sulphide unit basal 2.0m.</li> <li>-light grey.</li> <li>-very fine grained.</li> </ul> Texture: <ul style="list-style-type: none"> <li>-brecciated, elastic texture.</li> <li>-acicular feldspar porphyritic laths 1-2mm comprising up to 2% of rock in sections.</li> <li>-could be a sedimentary rock?</li> <li>-Spg seems very low indicating possible sediment.</li> </ul> Structure: <ul style="list-style-type: none"> <li>-foliation at 30° to CA.</li> </ul>			{291.24-294.0} <ul style="list-style-type: none"> <li>-Spg 0.1%2%</li> <li>-291.4-291.6m: sulphides are semi-massive grading to disseminated.</li> <li>-sulphides paralleling foliation.</li> <li>-banded Fe ls semi-massive.</li> <li>-sulphides surround fragments.</li> </ul>	<ul style="list-style-type: none"> <li>-sharp contact with uphole unit and downhole unit.</li> </ul>
294.00 TO 335.00	ULTRA-MAFIC VOLCANIC PYROXENITE of 'j, k'	<ul style="list-style-type: none"> <li>-dark grey-green.</li> <li>-fine grained.</li> </ul> Texture: <ul style="list-style-type: none"> <li>-35% olivine anhedral fine grained xls within a pyroxene serpentine fine grained groundmass.</li> <li>-31.0-317.0m: stronger cumulate texture.</li> <li>-stronger magnetite bands.</li> <li>-324.0-331.22m: spotty pyroxene phenocrysts 1-4mm.</li> </ul> Structure: <ul style="list-style-type: none"> <li>-veined stockwork throughout.</li> <li>-307.6-335.04m:               <ul style="list-style-type: none"> <li>-majority blocky with fault gouge zones.</li> <li>-sequence is generally veined, fractured and faulted throughout.</li> <li>-fault or shear CA of 35°.</li> </ul> </li> </ul>		atk <ul style="list-style-type: none"> <li>-strong talc, pervasive, fracture and vein filling.</li> <li>-weak to moderate serpentine.</li> </ul>	{294.0-335.0} <ul style="list-style-type: none"> <li>-1% Fe fine grained disseminated and within fractures.</li> </ul>	<ul style="list-style-type: none"> <li>-end of hole.</li> <li>-uphole contact brecciated.</li> </ul>
335.00 TO 335.00	E.O.H.					

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HOLE NUMBER: REA5-04

FALCONBRIDGE LIMITED  
DRILL HOLE RECORD

IMPERIAL UNITS:

DATE: 02/27/1995

METRIC UNITS: X

PROJECT NAME: 8232

CLAIM NUMBER: 008232

LOCATION: REMUNE TOWNSHIP

PLOTTING COORDS

GRID: UTM  
NORTH: 5421510.00M  
EAST: 488590.008  
ELEV: 285.00

ALTERNATE COORDS

GRID: LINE  
NORTH: 10+108  
EAST: 13+08  
ELEV: 285.00

COLLAR DIPI: -50° 0' 0"  
LENGTH OF THE HOLE: 566.00M  
START DEPTH: 0.00M  
FINAL DEPTH: 366.00M

DATE STARTED: 11/24/1994

DATE COMPLETED: 11/30/1994

DATE LOGGED: 12/01/1994

COLLAR SURVEY: NO

ROD LOG: NO

HOLE MAKES WATER: NO

COLLAR ASTRONOMIC AZIMUTH: 180° 0' 0"

GRID ASTRONOMIC AZIMUTH: 180° 0' 0"

PULSE EH SURVEY: YES

PLUGGED: YES

HOLE SIZE: NO

CONTRACTOR: HOKEX

CASING: 29.0m

CONE STORAGE: WEBSITE

UTM COORD: 1

COMMENTS :

WEDGES AT:

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
28.00	184° 0' 0"	-52° 0' 0"	A	OK		28.00					
98.00	190° 0' 0"	-52° 0' 0"	A	OK		98.00					
158.00	187° 0' 0"	-53° 0' 0"	A	OK		158.00					
218.00	193° 0' 0"	-51° 0' 0"	A	OK		218.00					
278.00	187° 0' 0"	-50° 0' 0"	A	OK		278.00					
338.00	199° 0' 0"	-48° 0' 0"	A	OK		338.00					
336.00			S								

HOLE NUMBER: REA5-04

DRILL HOLE RECORD

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HOLE NUMBER: REA45-04

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 29.00	CHROMIUMERITE #1, #2, #3	<ul style="list-style-type: none"> <li>-dark green-black.</li> <li>-fine to medium grained.</li> <li>Texture:                             <ul style="list-style-type: none"> <li>-up to 80% mesocumulate olivine within a serpentine/pyroxene groundmass.</li> <li>-smaller sections appear adcumulate.</li> <li>-very magnetic indicating a larger percentage of altered olivine to magnetite and serpentine.</li> <li>-olivine xls are polyhedral and vary in sections between fine and medium grained.</li> <li>-29.0-37.2m: fine grained cumulate olivines.</li> <li>-37.2-53.43m: medium grained cumulate olivines.</li> <li>-cumulate texture is very strong.</li> </ul> </li> <li>Structure:                             <ul style="list-style-type: none"> <li>-37.7-43.1m:                                     <ul style="list-style-type: none"> <li>-blocky shear/fault zone.</li> <li>-33.66-35.43m:   <ul style="list-style-type: none"> <li>-blocky and gouge shear/fault zone faulting at 35° to CA.</li> </ul> </li> </ul> </li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>-dgr</li> <li>-moderate serpentine pervasive, veinular and fracture filling.</li> <li>-46.0-53.4m: weak amounts of antigorite with serpentine in veins and fractures. Carbonate is moderate within veins and fractures. Weak asbestos filling fractures.</li> </ul>	<ul style="list-style-type: none"> <li>-trPpo</li> <li>-39.31-42.0m</li> <li>-very trace amounts of sulphides are disseminated throughout sequence.</li> </ul>	<ul style="list-style-type: none"> <li>-fault contact downhole.</li> </ul>
29.00 TO 53.43	DUNITE ULTRA-MAFIC VOLCANIC NEO-CUMULATE #1, #4, #5	<ul style="list-style-type: none"> <li>-dark green-grey.</li> <li>-medium grained.</li> <li>Texture:                             <ul style="list-style-type: none"> <li>-up to 80% olivine cumulate with serpentine and pyroxene groundmass.</li> <li>-very strong high relief cumulate texture.</li> <li>-generally mesocumulate with sections of adcumulate texture.</li> <li>-visible magnetite, rock is strongly magnetic throughout.</li> <li>-76.7-80.0m: ophitic texture.</li> <li>-56.0-60.5m: pyroxenite looking sections with olivines enveloped by larger pyroxene xls forming a porphyritic texture.</li> </ul> </li> <li>Structure:                             <ul style="list-style-type: none"> <li>-adcumulate sections are riddled with microveinlets following a fabric at 60° to CA weaving throughout polyhedral olivine cumulate crystal boundaries.</li> <li>-59.43-99.0m:                                     <ul style="list-style-type: none"> <li>-fault contact uphole.</li> </ul> </li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>-alc</li> <li>-calc and carbonate within fractures and veins moderate to strong.</li> <li>-weak to moderate serpentine.</li> <li>-zones of strong talc alteration.</li> </ul>	<ul style="list-style-type: none"> <li>-trace fine grained disseminated sulphides, possibly pyrrhotite from 53.43-58.5m.</li> </ul>	<ul style="list-style-type: none"> <li>-fault contact uphole.</li> </ul>
53.43 TO 99.00	DUNITE ULTRA-MAFIC VOLCANIC NEO-CUMULATE #1, #4, #5	<ul style="list-style-type: none"> <li>-dark green-grey.</li> <li>-medium grained.</li> <li>Texture:                             <ul style="list-style-type: none"> <li>-up to 80% olivine cumulate with serpentine and pyroxene groundmass.</li> <li>-very strong high relief cumulate texture.</li> <li>-generally mesocumulate with sections of adcumulate texture.</li> <li>-visible magnetite, rock is strongly magnetic throughout.</li> <li>-76.7-80.0m: ophitic texture.</li> <li>-56.0-60.5m: pyroxenite looking sections with olivines enveloped by larger pyroxene xls forming a porphyritic texture.</li> </ul> </li> <li>Structure:                             <ul style="list-style-type: none"> <li>-adcumulate sections are riddled with microveinlets following a fabric at 60° to CA weaving throughout polyhedral olivine cumulate crystal boundaries.</li> <li>-59.43-99.0m:                                     <ul style="list-style-type: none"> <li>-fault contact uphole.</li> </ul> </li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>-alc</li> <li>-calc and carbonate within fractures and veins moderate to strong.</li> <li>-weak to moderate serpentine.</li> <li>-zones of strong talc alteration.</li> </ul>	<ul style="list-style-type: none"> <li>-trace fine grained disseminated sulphides, possibly pyrrhotite from 53.43-58.5m.</li> </ul>	<ul style="list-style-type: none"> <li>-fault contact uphole.</li> </ul>

HOLE NUMBER: REA45-04

DRILL HOLE RECORD

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
99.00 TO 101.11	INTER-MEDIATE GRANODIORITE "d, <QAB>"	<ul style="list-style-type: none"> <li>-fault/shear containing blocky and gouge material at 30° to CA.</li> <li>-mottled pink and dark grey.</li> <li>-medium grained.</li> </ul> Texture: <ul style="list-style-type: none"> <li>-50-60% pyroxene and biotite laths and flakes within a groundmass of feldspar and quartz.</li> <li>-fine grained chill margins on upper and lower contacts.</li> <li>-ecliptic laths of pyroxene.</li> <li>-intrusive dikes.</li> <li>-faulted above and below contact.</li> </ul>		<ul style="list-style-type: none"> <li>-fine</li> <li>-moderate to strong talc carbonate filling, veins, fractures and pervasive.</li> <li>-weak serpentine alteration.</li> </ul>	<ul style="list-style-type: none"> <li>-extreme trace amounts of fine grained disseminated sulphide.</li> </ul>	<ul style="list-style-type: none"> <li>-sharp faulted upper and lower contacts.</li> </ul>
101.11 TO 156.50	ULTRA-MAFIC DUNITE NEO-CUMULATE VOLCANIC "1, M, Y"	Texture: <ul style="list-style-type: none"> <li>-75% olivine within a serpenitized groundmass.</li> <li>-olivines are medium grained polyhedral crystals forming mosaic texture.</li> <li>-119.11-121.25m and 135.47-136.07m: Both zones contain trace fine grained chromite located within the interstices of the olivine cumulate.</li> <li>-magnetism of the rock ranges from weak to strong throughout unit.</li> <li>-very homogeneous rock, with very little variation in grain size or texture.</li> <li>-structure:</li> <li>-weak veining at 35° to CA.</li> <li>-101.11-101.7m:ts</li> <li>-blocky fault contact with granodiorite intrusive, at 25° to CA.</li> <li>-127.66-128.6m:ts</li> <li>-fault/shear zone.</li> <li>-blocky and fault gouge at 45° to CA.</li> <li>-dark brown grey.</li> <li>-fine grained.</li> </ul> Texture: <ul style="list-style-type: none"> <li>-55% pyroxene laths within a feldspar groundmass.</li> <li>-massive.</li> <li>-faulted within unit.</li> <li>-156.5-159.5m:ts</li> <li>-blocky fault/zone with a sand accumulation at</li> </ul>				<ul style="list-style-type: none"> <li>-sharp chilled downhole contact.</li> <li>-uphole fault contact.</li> </ul>
156.50 TO 160.25	MAFIC INTRUSIVE "GABRO "7, <QAB>"					

HOLE NUMBER: REA45-04

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
160.25 TO 168.90	ULTRA-MAFIC PERIDOTITE MISO-CUMULATE VOLCANIC «1, L, Y»	158.0m. -dark grey green. -medium grained.  Texture: -75-80% olivine polyhedral crystals within a serpentine pyroxene groundmass. -accumulate texture. -grain size seems to decrease downhole. -small sections near downhole contact with microveinlets weaving between crystal boundaries following a fabric, orientation at 30° to CA. Structure: -minor veins and veinlets following a 30° to CA orientation.		-dfr -moderate serpentine alteration. -weak talc carbonate filling fractures and veins.	-trace fine grained disseminated pyrrhotite.	-sharp uphole contact. -transitional downhole contact.
166.90 TO 198.50	ULTRA-MAFIC PERIDOTITE VOLCANIC ORTHO-CUMULATE «1, L, Z»	-dark grey green. -fine to medium grained.  Texture: -up to 55% olivine orthocumulate polyhedral crystals surrounded by up to 20% pyroxene crystals and serpentine groundmass. -some poikilitic texture at random. -massive. Structure: -170.3-183.0[m]tc -blocky fault zone at 35° to CA.		-weak talc carbonate. -weak to moderate serpentine. -173.0-175.0m: moderate to strong talc carbonate alteration.	-170.0-173.0[m]tc -41% fine grained disseminated pyrrhotite.	-transitional uphole contact and downhole contact.
198.50 TO 344.86	ULTRA-MAFIC DUNITE MISO-CUMULATE VOLCANIC «1, M, Y»	-dark grey green. -medium grained.  Texture: -up to 85% polyhedral crystals forming a generally mesocumulate texture. -few good pyroxene crystals appear. -olivine cumulate surrounded by serpentine and minor pyroxene groundmass. -masses of rust-red magnetite within fractures. -moderately to strongly magnetic throughout. -magnetic amphiboles cumulate texture replacing olivine, making it stand out with higher relief. -magnetite bands up to 2cm wide. -areas of deformation show a mottled colour and texture, with a slight purple tinge and blotchy		-231.63-245.0[m]tc -strong pervasive and fracture filled carbonate along with weak talc and serpentine, both fracture filled and pervasive. -315.0-318.0m: very strong carbonate alteration, causing white a bleaching effect.	-205.25-211.25[m]trpo -minor amounts of fine grained disseminated and fracture smeared pyrrhotite. -235.2-243.73[m]tc -blebby and smeared within fractures and trace amounts of fine grained disseminated pyrrhotite. Trace amounts of fine grained cubic pyrite within shear zones. -248.0-344.86[m]trpo -trace disseminated pyrrhotite	-transitional uphole contact. -fault contact downhole with footwall rock.

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DRILL HOLE RECORD

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HOLE NUMBER: REA45-04

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
344.86 TO 368.00	MASSIVE VOLCANIC FLOW *2,m,1*	<p>patches, looks like an alteration effect, look smeared like ductile shears, stringing out rock textures.                      †226.4-227.13m‡&lt;GRD&gt;                      -medium grained granodiorite intrusive occurs with sharp chilled contacts,                      -consistent mesocumulate peridotite up to footwall.                      structures:                      †212.43-223.51m‡                      -ductile and blocky shear zone stretching out and carbonate veins and other texture at 45° to CA.                      †231.6-245.01m‡                      -ductile, blocky shear zone at 25° to CA.                      †265.6-284.01m‡                      -blocky zones intermixed with solid unsharred zones.                      †306.0-346.621m‡                      -blocky ruddy shear/fault zone. Includes 1.5m into footwall rock.                      -light grey.                      -fine grained.</p>		<p>-weak chlorite alteration.</p>	<p>-weak mineralization within veins and fractures.                      -up to 1% pyrite blebs in small sections.                      -trace amounts of blebby pyrite within small veins and fractures.</p>	<p>†368.01                      *E.O.N.*</p>
368.00 TO 368.00	E.O.N.	<p>textures:                      -acellular fine grained laths and anhedral crystals of feldspar up to 50µ.                      -up to 5% 1mm quartz eyes.                      -finer grained mafic groundmass.                      -massive.                      structures:                      †358.8-361.01m‡ blocky shear zone at 45° to CA.                      *E.O.N.*</p>				

HOLE NUMBER: REA45-04

DRILL HOLE RECORD

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HOLE NUMBER: REAS-05  
 FALCONBRIDGE LIMITED  
 DRILL HOLE RECORD  
 DATE: 02/27/1995  
 METRIC UNITS: X

PROJECT NAME: 8232  
 PROJECT NUMBER: 008232  
 CLAIM NUMBER: P-1201445  
 LOCATION: REAUME TOWNSHIP  
 COLLAR SURVEY: NO  
 ROD LOG: NO  
 HOLE WATER: NO  
 COLLAR ASTROMONIC AZIMUTH: 180° 0' 0"  
 PLUGGED: YES  
 HOLE SIZE: NO  
 CONTRACTOR: HONEX  
 CASING: 30.0m  
 CORE STORAGE: HETSITE  
 UTM COORD: 1  
 COLLAR DIP: -50° 0' 0"  
 LENGTH OF THE HOLE: 308.00m  
 START DEPTH: 0.00m  
 FINAL DEPTH: 308.00m

DATE STARTED: 12/01/1994  
 DATE COMPLETED: 12/04/1994  
 DATE LOGGED: 12/05/1994  
 COLLAR SURVEY: NO  
 ROD LOG: NO  
 HOLE WATER: NO  
 COLLAR ASTROMONIC AZIMUTH: 180° 0' 0"  
 PLUGGED: YES  
 HOLE SIZE: NO  
 CONTRACTOR: HONEX  
 CASING: 30.0m  
 CORE STORAGE: HETSITE  
 UTM COORD: 1

COMMENTS :  
 HEDGES AT:

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
38.00	190° 0' 0"	-50° 0' 0"	S	OK							
78.00	192° 0' 0"	-51° 0' 0"	S	OK							
158.00	193° 0' 0"	-51° 0' 0"	S	OK							
198.00	193° 0' 0"	-51° 0' 0"	S	OK							
218.00	208° 0' 0"	-46° 30' 0"	S	OK							
294.00	190° 0' 0"	-46° 0' 0"	S	OK							
294.00	190° 0' 0"	-46° 0' 0"	S	OK							

HOLE NUMBER: REAS-05  
 DRILL HOLE RECORD  
 LOGGED BY: LANCE HOKLAND  
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HOLE NUMBER: REAS-05

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 30.00	OVERBURDEN e(1,0b)					
30.00 TO 123.81	ULTRA-MAFIC DUNITE MESO-CUMULATE VOLCANIC e(1,1,1)	<p>-dark grey green and speckled white. -medium grained.</p> <p>Textures: -up to 15% light coloured pyroxene crystals formed interstitially between olivine cumulate crystals, giving a speckled appearance. -65% olivine mesocumulate polyhedral crystals within a serpentine, pyroxene, magnetite groundmass. -very magnetic rock, 1cm bands of magnetite occurring randomly. -1-2m zones of peridotite with up to 70% olivine and vary strong mesocumulate texture. -30.0-38.5m: medium to coarse grained olivine. -38.5-96.0m: medium grading to coarser with last 5m coarse grained mesocumulate. structure: -f72.8-107.0[m]e<sup>2</sup> -blocky sheared zones at 35° to CA. -alkalisides along fracture planes parallel to fracture.</p>		<p>-weak serpentine and carbonate within fractures, as well as pervasive serpentine.</p>	<p>-generally very weak to non existent. -very trace amounts of disseminated and small blebs (clim) of chalcopyrite mostly within fractures. -very minor amounts of disseminated and fracture smeared pyrrhotite in small zones throughout.</p>	<p>-transitional contact.</p>
123.81 TO 223.11	PERIDOTITE MESO-CUMULATE VOLCANIC e(1,1,1)	<p>-dark green grey. -medium grained.</p> <p>Textures: -up to 70% olivine mesocumulate crystals varying in grain size from medium to coarse. -10-15% pyroxene crystals growing interstitially between olivine polyhedrons. -groundmass is generally fine grained serpentine, pyroxene and magnetite. -again zones of crystal size variation. -123.81-138.5m and 149.0-157.0m: grading from medium to coarse cumulate with 1-2 meters of coarse grained crystals. -213.0-223.11m: finer grained, hard, black dark green possibly accumulate in places. -loses magnetism within a meter of contact. -pyroxenes occur as groups or blotches randomly, distributed, a poikilitic texture, engulfing</p>		<p>-weak serpentine and carbonate.</p>	<p>f220.0-221.0[m]e<sup>2</sup> 0.5% -pyrrhotite smears within fractures. -very little disseminated within rock.</p>	<p>-sharp contact.</p>

HOLE NUMBER: REAS-05

DRILL HOLE RECORD

LOGGED BY: LANCE HOWLAND

HOLE NUMBER: REA45-05

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
223.11 TO 238.60	ULTRAMAFIC FRAGMENTAL INTRUSIVE 4d, J, 1a	<ul style="list-style-type: none"> <li>-olivine crystals.</li> <li>-structures and veins are weak averaging and angle of 45° to CA.</li> <li>-brecciated at contact with downhole unit.</li> <li>-light olive green grey.</li> <li>-fine to medium grained.</li> </ul> Texture: <ul style="list-style-type: none"> <li>-massive in sections.</li> <li>-diabetic composition in general with a zone containing fragments of mafic material incorporated into this unit.</li> <li>-the soft ultramafic to mafic looking fragments are up to 3cm in size and appear partially absorbed within the intrusive unit.</li> <li>-the uphole chill margin is thicker and more pronounced than the downhole chill, inferring a possible topa uphole.</li> </ul>		<ul style="list-style-type: none"> <li>-moderately altered and serpentinized.</li> </ul>		<ul style="list-style-type: none"> <li>-sharp contacts uphole and downhole.</li> </ul>
238.60 TO 244.41	PYROXENITE VOLCANIC 41, 1a	<ul style="list-style-type: none"> <li>-dark grey green.</li> <li>-medium grained.</li> </ul> Texture: <ul style="list-style-type: none"> <li>-up to 45% olivine with cumulate texture beginning to form near transitional contact.</li> <li>-Olivine crystals are polyhedral.</li> <li>-up to 35% pyroxene-subhedral crystals near uphole contact grading down to 10-15% near downhole contact of 244.0m.</li> <li>-Pyroxenes are poikilitic completely engulfing olivine crystals further downhole.</li> <li>-the rock magnetism gets stronger closer to the downhole transitional contact.</li> </ul> Structure: <ul style="list-style-type: none"> <li>-blocky and fracture throughout at 25-30° to CA.</li> <li>-dark grey green.</li> <li>-fine grained.</li> </ul>		<ul style="list-style-type: none"> <li>-moderate serpentine alteration within veins, fractures and pervasive.</li> <li>-weak carbonate in veins and fractures.</li> </ul>		<ul style="list-style-type: none"> <li>-transitional contact.</li> </ul>
244.41 TO 293.00	PERIDOTITE VOLCANIC 41, 1a	Texture: <ul style="list-style-type: none"> <li>-up to 70% olivine within a serpentine, pyroxene groundmass.</li> <li>-poikilitic pyroxene randomly through unit.</li> <li>-magnetic throughout.</li> </ul>		<ul style="list-style-type: none"> <li>257.46-281.91-4m</li> <li>-strong pervasive and vein filling serpentine zone.</li> <li>-moderate carbonate.</li> </ul>	<ul style="list-style-type: none"> <li>-trace amounts of pyrrhotite within fractures between 242.0-245.0m.</li> </ul>	<ul style="list-style-type: none"> <li>-transitional contact.</li> </ul>

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DRILL HOLE RECORD

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HOLE NUMBER: REA45-05

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
293.00 TO 300.62	DUNITIC AD-CUMULATE VOLCANIC 41.4, 45	<ul style="list-style-type: none"> <li>-due to alteration, texture has been lost in a lot of this section.</li> <li>-some possible cumulate zones.</li> <li>-magnetite within fractures and veins, some very euhedral crystals up to 1mm.</li> <li>-structures:</li> <li>-strong veining throughout.</li> <li>-emerald green dark grey.</li> <li>-fine grained.</li> </ul> <p>Textures:</p> <ul style="list-style-type: none"> <li>-up to 90% polyhedral olivine crystals closely packed forming adcumulate texture.</li> <li>-groundmass is made up of serpentine and magnetite.</li> <li>-magnetite within veins, forming cubic crystals up to 1mm.</li> <li>-structures:</li> <li>-small microveinlets are aligned parallel with each other outlining a fabric at 30° to CA, which fractures are following as well.</li> <li>-medium green grey.</li> <li>-medium grained.</li> </ul>		<p>sgfr</p> <ul style="list-style-type: none"> <li>-strong serpentine as well as antigorite pervasive and filling veins and fractures.</li> <li>-small microveinlets of carbonate throughout.</li> </ul>		<ul style="list-style-type: none"> <li>-transitional contact.</li> </ul>
300.62 TO 308.00	PERIDOTITE HE30- CUMULATE VOLCANIC 41.4, 45	<p>Textures:</p> <ul style="list-style-type: none"> <li>-up to 70% olivine polyhedral crystals forming a mesocumulate texture within a serpentine pyroxene groundmass.</li> <li>-poor texture exposed due to alteration.</li> <li>-lighter coloured than other peridotite, again from alteration.</li> <li>-structures:</li> <li>-fabric of 30° to CA.</li> <li>-veins and fractures follow this fabric.</li> </ul>		<ul style="list-style-type: none"> <li>-moderate serpentine and carbonate.</li> <li>-carbonate crystals up to 2mm forming within veins.</li> </ul>		
308.00 TO 308.00	E.O.H.					

HOLE NUMBER: REA45-05

DRILL HOLE RECORD

LOGGED BY: LANCE HOWLAND

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HOLE NUMBER: RE445-06

FALCONBRIDGE LIMITED  
DRILL HOLE RECORD

DATE: 02/27/1995  
METRIC UNITS: X

PROJECT NAME: 8232  
PROJECT NUMBER: 008232  
CLAIM NUMBER: P-1201445  
LOCATION: REMAINE TOWNSHIP

PLOTTING COORDS GRID: UTM  
NORTH: 5421890.00M  
EAST: 488390.00E  
ELEV: 285.00

ALTERNATE COORDS GRID: LINE  
NORTH: 6-308  
EAST: 15-0E  
ELEV: 285.00

COLLAR DIP: -50° 0' 0"  
LENGTH OF THE HOLE: 320.00M  
START DEPTH: 0.00M  
FINAL DEPTH: 320.00M

DATE STARTED: 12/05/1994  
DATE COMPLETED: 12/05/1994  
DATE LOGGED: 12/10/1994

COLLAR SURVEY: NO  
ROD LOG: NO  
HOLE MAKES WATER: NO

PULSE BH SURVEY: NO  
PLUGGED: YES  
HOLE SIZE: NO

CONTRACTOR: KOREX  
CASTING: 21.7m  
CORE STORAGE: NETSITE  
UTM COORD.:

COMMENTS:  
WEDGES AT:

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
23.00	192° 0' 0"	-49° 0' 0"	A	OK							
23.00	192° 0' 0"	-51° 0' 0"	A	OK							
23.00	192° 0' 0"	-51° 0' 0"	A	OK							
143.00	200° 0' 0"	-52° 0' 0"	A	OK							
143.00	200° 0' 0"	-52° 0' 0"	A	OK							
200.00	199° 0' 0"	-52° 0' 0"	A	OK							
200.00	199° 0' 0"	-52° 0' 0"	A	OK							
260.00	219° 0' 0"	-52° 0' 0"	A	OK							
260.00	219° 0' 0"	-52° 0' 0"	A	OK							
320.00	203° 0' 0"	-50° 0' 0"	A	OK							
320.00	203° 0' 0"	-50° 0' 0"	A	OK							

HOLE NUMBER: RE445-06

DRILL HOLE RECORD

LOGGED BY: LANCE HOKLAND

PAGE: 1

HOLE NUMBER: REAS-06

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 21.70	OVERBURDEN #lob#					
21.70 TO 66.70	PERIDOTITE NEO-CUMULATE VOLCANIC <1,1,1>	<ul style="list-style-type: none"> <li>-dark green grey.</li> <li>-medium grained.</li> </ul> Textures: <ul style="list-style-type: none"> <li>-up to 60% polyhedral medium grained olivine maccumulate crystals within a groundmass of up to 10% pyroxene, along with magnetite and serpentine.</li> <li>-49.25-49.6cm. Interstitial magnetite cubes &lt;1mm.</li> <li>-veicular magnetite bands up to 0.5cm.</li> <li>-very magnetite.</li> <li>-serpentine crystal orientation at 45° to the CA.</li> </ul> Structures: <ul style="list-style-type: none"> <li>-moderately fractured and weakly veined at 35° to the CA.</li> </ul>		<ul style="list-style-type: none"> <li>-weak serpentine within fractures and veins as well as pervasive.</li> <li>-weak carbonate within fractures and veins.</li> </ul>	<ul style="list-style-type: none"> <li>-no visible mineralization.</li> </ul>	<ul style="list-style-type: none"> <li>-transitional contact.</li> </ul>
84.70 TO 101.90	PERIDOTITE ORTHO-CUMULATE VOLCANIC <1,1,1>	<ul style="list-style-type: none"> <li>-dark grey green.</li> <li>-medium grained.</li> </ul> Textures: <ul style="list-style-type: none"> <li>-up to 55% olivine orthocumulate crystals.</li> <li>-pyroxene crystals makeup 20% of the rock with a minor poikilitic texture.</li> <li>-magnetite veins up to 0.4cm associated with talc and serpentine.</li> </ul> Structures: <ul style="list-style-type: none"> <li>-199.0-101.9µm<sup>2</sup></li> <li>-blocky shear/fault zone up to contact with 1LV.</li> <li>-fractures, veins and fault at 40-45° to CA.</li> </ul>		<ul style="list-style-type: none"> <li>-weak serpentine and talc.</li> </ul>	<ul style="list-style-type: none"> <li>-no visible mineralization.</li> </ul>	<ul style="list-style-type: none"> <li>-fault contact.</li> </ul>
101.90 TO 158.00	COARSE GRAINED PERIDOTITE NEO-CUMULATE VOLCANIC <1,1,1>	<ul style="list-style-type: none"> <li>-dark green grey.</li> <li>-medium to coarse grained.</li> </ul> Textures: <ul style="list-style-type: none"> <li>-up to 65% olivine in places, with a very strong maccumulate texture.</li> <li>-pyroxene occurs interstitially.</li> <li>-zones up to 3cm wide contain up to 30% cubic magnetite crystals &lt;1mm.</li> <li>-very magnetite.</li> <li>-1-5m sections show a grain size increase down hole, from medium to coarse grained cumulate</li> </ul>		<ul style="list-style-type: none"> <li>-weak serpentine and talc carbonate mostly within veins and fractures.</li> </ul>	<ul style="list-style-type: none"> <li>-no visible mineralization.</li> </ul>	<ul style="list-style-type: none"> <li>-transitional contact.</li> </ul>

HOLE NUMBER: REAS-06

DRILL HOLE RECORD

LOGGED BY: LANCE HOKLAND

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HOLE NUMBER: REA45-06

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
159.00 TO 243.00	PERIDOTITE MESO-CUMULATE VOLCANIC #1,1,Y*	<p>olivine crystals indicating possible tops uphole.</p> <p>-122.0-125.7m: Grain size increases downhole. At top of unit (lim) magnetite cubes over 2-4cm occur grading into a medium grained cumulate olivine.</p> <p>-polikilitic texture becomes more evident at 170.0m over the next 15.0m downhole.</p> <p>structures:</p> <ul style="list-style-type: none"> <li>-fractures and veins are weak at 40-45° to CA.</li> <li>-dark green grey.</li> <li>-medium grained.</li> </ul> <p>Textures:</p> <ul style="list-style-type: none"> <li>-55-60% olivine mesocumulate with up to 20% pyroxene.</li> <li>-olivine crystals are polyhedral with coarser crystals in small 1.0m sections.</li> <li>-pyroxenes are forming interstitially and from 170.0m are becoming polikilitic.</li> <li>-273.0-275.15m: peridotite section up to 75% olivine mesocumulate.</li> <li>-very magnetic, magnetite is pervasive and within small (&lt;0.5cm) veins.</li> <li>-214.7m: up to 75% olivine mesocumulate dark green polyhedral crystals between 0.2cm and 0.6cm within this 1JY unit.</li> </ul> <p>structures:</p> <ul style="list-style-type: none"> <li>-fractures are weak to moderate at 45° to CA, up to 60°, average of 45° to CA.</li> <li>-dark green grey.</li> <li>-medium grained.</li> </ul>		<p>-moderate talc alteration, the strongest zone appears between 177.5-185.0m and 200.0-215.0m.</p> <p>-weak to moderate serpentine throughout.</p>	<p>-no visible mineralization.</p>	<p>-transitional contact.</p>
243.00 TO 293.00	PERIDOTITE MESO-CUMULATE VOLCANIC #1,1,Y*	<p>Textures:</p> <ul style="list-style-type: none"> <li>-up to 75% olivine mesocumulate polyhedral crystals dominantly medium grained, with small coarser sections.</li> <li>-5-10% pyroxene crystals forming interstitially between the olivine cumulate.</li> <li>-magnetite veins up to 0.5cm randomly occurring.</li> <li>-individual layers can be picked out by observing the grain size increases downhole to a contact where small (lim) magnetite ocellidrons accumulate over 3cm going back into</li> </ul>		<p>-weak to moderate serpentine, weak talc carbonate.</p>	<p>-no visible mineralization.</p>	<p>-transitional contact.</p>

HOLE NUMBER: REA45-06

DRILL HOLE RECORD

LOGGED BY: LANCE HOWLAND

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
293.00 TO 320.00	PERIDOTITE HERC- CUMULATE VOLCANIC af, l, ys	<p>a medium grained mesocumulate with pyroxenite for the first 0.5m to 1.0m grading into a peridotite over a 4.0 to 5.0m total interval. This indicates a possible layered intrusion, different from the original flow interpretation. Zones where this occurrence is noted include: 265.9-273.0m and 273.0-276.6m.</p> <p>Structure: -strongly magnetic throughout. -a weak fabric at 45° to CA is observed in the last 3.0m of this sequence. -weak fracturing follows a trend of 45-50° to CA. -dark green grey. -medium grained.</p> <p>Features: -up to 55% olivine mesocumulate with small sections of 65% olivine. -20-25% pyroxene appearing as light polikilitic but generally interstitially growing between olivine crystals. -this unit appears very similar to the first pyroxenite unit in drill hole REA45-05 (possible correlation). -several zones of 0.5-1.5m coarse grained pyroxenite occur having both sharp and transitional contacts with the medium grained unit either side.</p> <p>The zone includes: 306.3-307.5m, 310.0-310.6m, 315.46-316.45m.</p> <p>Structure: -weak fabric of 50° to CA is occurring throughout sequence. -weak fracturing at 45-50° to CA.</p>		<p>-moderate talc and weak serpentine alteration.</p>	<p>-no visible mineralization.</p>	
320.00 TO 320.00	E.O.N.					

HOLE NUMBER: REA45-07

FALCONBRIDGE LIMITED  
DRILL HOLE RECORD

DATE: 02/27/1995  
METRIC UNITS: X

PROJECT NAME: 8232  
PROJECT NUMBER: 008232  
CLAIM NUMBER: P-1201445  
LOCATION: REALME TOWNSHIP

PLOTTING COORDS GRID: UTM  
NORTH: 5422080.00M  
EAST: 488590.00M  
ELEV: 285.00

ALTERNATE COORDS GRID: LINE  
NORTH: 4+408  
EAST: 15+08  
ELEV: 285.00

COLLAR DIP: -50° 0' 0"  
LENGTH OF THE HOLE: 299.00M  
START DEPTH: 0.00M  
FINAL DEPTH: 299.00M

DATE STARTED: 12/10/1994  
DATE COMPLETED: 12/15/1994  
DATE LOGGED: 12/14/1994

COLLAR SURVEY: NO  
ROD LOG: NO  
HOLE MAKES WATER: NO

PULSE EM SURVEY: NO  
PLUGGED: YES  
HOLE SIZE: NO

CONTRACTOR: MOREX  
CASINGS: 45.15M  
CORE STORAGE: METRITTE  
UTM COORD.: 1

COMMENTS:

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
45.00	115° 0' 0"	-50° 0' 0"	A	OK							
105.00	115° 0' 0"	-51° 0' 0"	A	OK							
105.00	223° 0' 0"	-51° 0' 0"	S								
165.00	198° 0' 0"	-50° 0' 0"	A	OK							
165.00	198° 0' 0"	-50° 0' 0"	S								
225.00	212° 0' 0"	-49° 0' 0"	A	OK							
225.00	212° 0' 0"	-49° 0' 0"	S								
285.00	202° 0' 0"	-47° 0' 0"	A	OK							
285.00	202° 0' 0"	-47° 0' 0"	S								

HOLE NUMBER: REA45-07

DRILL HOLE RECORD

LOGGED BY: LANCE HOLLAND

PAGE: 1



HOLE NUMBER: REAS-07

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 45.15	OVERBANDS *1,0b)*	<ul style="list-style-type: none"> <li>-dark green grey.</li> <li>-medium grained with coarse grained intervals.</li> </ul>				
45.15 TO 131.06	PERIDOTITE ORTHO-CUMULATE VOLCANIC *1,1,2*	<ul style="list-style-type: none"> <li>-dark green grey.</li> <li>-medium grained with coarse grained intervals.</li> <li>-55% olivine with local sections up to 65%.</li> <li>-up to 35% pyroxene.</li> <li>-Olivine crystals are polyhedral and generally orthocumulate. Grain size is generally 2-5mm, with zones up to 6mm.</li> <li>-pyroxene crystals mainly interstitial and very in abundance.</li> <li>-magnetic throughout.</li> <li>-magnetic veins 2-5mm randomly occurring through rock.</li> <li>-59.0-65.7m: Fine grained, magnetite octahedral crystals &lt;1mm occur interstitially between olivine crystals up to 3%.</li> <li>-85.5-101.0m: Coarse grained section, with a slight purple tinge to it. Maybe an alteration effect causing coloration change. Section appears mottled.</li> <li>-85.0-120.0m: Disseminated off yellow mineral appears in trace amounts. The 0.5-1.5mm anhedral non metallic crystals appear fractured, could be an alteration product.</li> <li>Structure:</li> <li>-45.15-78.0m: to</li> <li>-very blocky, and in some sections fault gouge material within fault zone.</li> <li>-fractures are 35° to CA, within fault zone and surrounding rocks.</li> <li>-weak veining at 35-45° to CA, as well as random directions.</li> <li>-dark green grey.</li> <li>-medium grained.</li> </ul>		<ul style="list-style-type: none"> <li>-moderate serpentine alteration, destroying most primary textures in sections.</li> </ul>	<ul style="list-style-type: none"> <li>-126.6-126.85 feet 30m</li> <li>-large blob of pyrrhotite, with fracture smears surrounding it.</li> <li>-no other visible mineralization.</li> </ul>	<ul style="list-style-type: none"> <li>-gradational contact.</li> </ul>
131.06 TO 299.00	DUNITE NEO-CUMULATE VOLCANIC *1,1,1,1*	<ul style="list-style-type: none"> <li>Textures:</li> <li>-up to 65% olivine with sections showing strong cumulate texture.</li> <li>-ground mass made up of up to 20% pyroxene in sections, 10% average throughout, along with</li> </ul>				

HOLE NUMBER: REAS-07

DRILL HOLE RECORD

LOGGED BY: LANCE HOKLAND

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HOLE NUMBER: REA45-07

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
299.00 TO 299.00	E.O.N.	<p>serpentine and magnetite. -strongly magnetic throughout. -14.0-151.5m: Olivine grain size increases downhole to a coarse grained cumulate at base. 3-4cm of the base section contains &lt;1mm interstitial magnetite crystals marking the base of the layers. Magnetite bands up to 5cm randomly occurring. -164.3-166.0m: Pyroxenite zone. -224.3-251.54m: Here zone with greater X pyroxene up to 18%, along with cumulate olivine from 260.0-60m, cyclic cumulate layers 4-5m thick are observed. Grain size is coarsening downhole indicating uphole tops. -260.0-265.65m: Coarsening downhole, with a more pyroxene rich upper zone and disseminated magnetite crystals in lower zone near contact. No visible sulphides near contact. -276.0m: Strong sharp contact between coarser cumulate uphole and medium cumulate downhole at 15° to CA. -276.0-279.5m: cumulate layer coarsening downhole. -279.5-283.65m: Coarsening downhole. Cumulate layer. These cyclic layers continue downhole but alteration has made it difficult to recognize the contacts. Structural: 1189.46-201.31m: -very blocky fault zone. 1138.0-144.0m: -blocky and strongly serpentinized fault zone at 20° to the CA. general fracturing at 45-50° to the CA. -235.0-234.65m: moderate fabric at 40° to CA, talc carbonate veins outlining fabric trend.</p>				

HOLE NUMBER: REA45-07

DRILL HOLE RECORD

LOGGED BY: LANCE HOLLAND

PAGE: 3



HOLE NUMBER: RE45-08

DRILL HOLE RECORD

DATE: 02/27/1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 33.00	OVERBUDEN «1,«2»	-dark green. -medium grained.		«Gr» -ix calcite microveins 30-40° CA.	-trace Po.	
33.00 TO 54.52	DUNITE «1,«H,2»	-massive, cumulate texture locally present, orthocumulate up to 70% olivine grains to 2mm, locally to 5mm width occasional mesocumulate upper 3.5 metres broken, blocky cores.		«Gr» -alc-carbonate in upper 3.0m gradational lower contact. «Cb» -disseminated patchy calcite, plus pale green serpentine-sausurite (?) -quartz-calcite veins, patches.	«3D», Tr. «Dpy» -disseminated blebs to microveins, dark coloured Po.	
54.52 TO 66.40	PHYKXENITE «1,«J»	-light green, mottled, fine to coarse grained. -highly altered rock from fault zone? «2»-54.51-58.6} gouge in upper 50cm. -59.34-64.4m: highly altered but with cumulate pyroxene (?) altered to amphibole in aphanitic feldspar (?) groundmass.		«Cb» -strongly calcareous, patchy serpentine ends by 60.5m.	-trace pyrite.	-unit possibly hornfels. -intermediate volcanic.
66.40 TO 91.00	MAFIC VOLCANIC «2,«H»	-medium green. -fine to medium grained. -alternating fine to medium grained sections, pyroxene to amphibole (alteration?) in feldspar groundmass weakly foliated to massive 40-50° to CA.		«Cb» -strongly calcareous, patchy serpentine ends by 60.5m.	-trace pyrite.	-unit possibly hornfels. -intermediate volcanic.
91.00 TO 130.00	MAFIC VOLCANIC «2»	-pale green. -fine to coarse grained. -generally massive, medium grained with up to 50% hornblende to 6mm, in feldspar groundmass, possible coarse hornblende altered (lithic fragments coarsening downhole, tops many broken and poorly formed feldspar crystals. -lower 50cm mottled, mylonitic texture, lower contact fractured at 30° to CA.		«Cb» -disseminated calcite, weak sericite-sausurite.	-trace pyrite.	-unit possibly tuff, with tops uphole.
130.00 TO 165.20	MAFIC TUFF «2,«A»	-pale green. -fine to medium grained. -interlayered tuff units up to 2.0m thick, finer grained sections more thinly bedded - locally to 4cm hornblende, feldspar, local quartz		«Cb» -weakly chloritic with patches often mafic minerals or lithic fragments	-trace pyrite.	

HOLE NUMBER: RE45-08

DRILL HOLE RECORD

LOGGED BY: DOUG MCLAUGHLIN

PAGE: 2

HOLE NUMBER: REA45-08

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
165.20 TO 199.40	MAFIC INTRUSIVE?? 47%	<ul style="list-style-type: none"> <li>- grains upper 2.0m cataclastic, waxy and converted foliation 0-30° to CA. Upper 23cm 45-60° 106.0-106.2j 25° to CA.</li> <li>- 140.5m foliation 45° to CA.</li> <li>- 150.0m foliation 50° to CA.</li> <li>- textures often indistinct.</li> <li>- bedding 50° to CA at 121.7m.</li> <li>- thinner finer grained beds locally with quartz crystals to 1mm.</li> <li>- 133.13-134.45m 72°</li> <li>- includes some graphitic argillite.</li> <li>- coarsening downhole from 161.0-165.2m, tops uphole.</li> </ul>		<ul style="list-style-type: none"> <li>- patchy silica.</li> </ul>	<ul style="list-style-type: none"> <li>- trace pyrite - generally with quartz microwelds and aggregates of quartz in groundmass.</li> </ul>	
199.74 TO 199.74	E.O.H.	<ul style="list-style-type: none"> <li>- pale green.</li> <li>- fine to coarse grained.</li> <li>- similar to above unit except more quartz crystals but &lt;10%, less bedding? often more "muffaceous look" up to 60% hornblende crystals to 6mm, often grouped - glomeroporphyritic - or poor sorting, as above unit some could be lithic fragments.</li> </ul>		<ul style="list-style-type: none"> <li>- Ca</li> <li>- patchy calcite, weak chlorite obscuring textures, locally tuffaceous looking.</li> </ul>		

HOLE NUMBER: REA45-08

DRILL HOLE RECORD

LOGGED BY: DOUG MCLAUGHLIN

PAGE: 3

HOLE NUMBER: REA46-01

FALCONRIDGE LIMITED  
DRILL HOLE RECORD

DATE: 02/27/1995  
METRIC UNITS: X

PROJECT NAME: 8232  
PROJECT NUMBER: 008232  
CLAIM NUMBER: P1201445  
LOCATION: READING TOWNSHIP

PLOTTING COORDS GRID: UTM  
NORTH: 5419730.00M  
EAST: 488085.00E  
ELEV: 285.00

ALTERNATE COORDS GRID: LINE  
NORTH: 2+10M  
EAST: 10+0E  
ELEV: 285.00

COLLAR DIP: -50° 0' 0"  
LENGTH OF THE HOLE: 419.41M  
START DEPTH: 0.00M  
FINAL DEPTH: 419.41M

DATE STARTED: 12/16/1994  
DATE COMPLETED: 12/21/1994  
DATE LOGGED: 12/22/1994

COLLAR SURVEY: NO  
ROD LOG: NO  
HOLE MAKES WATER: NO

PULSE EM SURVEY: YES  
PLUGGED: YES  
HOLE SIZE: NO

CONTRACTOR: NOKEX  
CASING: 15.0M  
CORE STORAGE: METSITE  
UTM COORD. 1

COMMENTS :  
NEEDS AT :

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (ft)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
23.00	338° 0' 0"	-50° 0' 0"	A	OK							
23.00	17° 0' 0"	-51° 0' 0"	A	OK							
80.00	17° 0' 0"	-51° 0' 0"	S	OK							
140.00	17° 0' 0"	-51° 30' 0"	A	OK							
140.00	246° 0' 0"	-51° 30' 0"	S	OK							
200.00	30° 0' 0"	-51° 0' 0"	A	OK							
200.00	30° 0' 0"	-51° 0' 0"	S	OK							
280.00	30° 0' 0"	-49° 0' 0"	A	OK							
280.00	30° 0' 0"	-49° 0' 0"	S	OK							
340.00	16° 0' 0"	-45° 0' 0"	A	OK							
340.00	16° 0' 0"	-45° 0' 0"	S	OK							
400.00	35° 0' 0"	-43° 30' 0"	A	OK							
400.00	35° 0' 0"	-43° 30' 0"	S	OK							

HOLE NUMBER: REA46-01

DRILL HOLE RECORD

LOGGED BY: LANCE HOKLAND

PAGE: 1



FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 15.00	OVERBANDER #1, #5, #6	<ul style="list-style-type: none"> <li>-dark green.</li> <li>-fine to medium grained.</li> </ul>		<ul style="list-style-type: none"> <li>-weak serpentine and carbonate alteration mostly within fractures and veinlets.</li> </ul>	<ul style="list-style-type: none"> <li>-no visible mineralization.</li> </ul>	<ul style="list-style-type: none"> <li>-gradational contact.</li> </ul>
15.00 TO 28.40	DUNITIC ACCUMULATE VOLCANIC #1, #4, #6	<ul style="list-style-type: none"> <li>Texture:</li> <li>-up to 90% olivine within a serpentine magnetite groundmass.</li> <li>-generally accumulate texture with bands up to 1.5cm of mesocumulate with small amounts of interstitial pyroxenes.</li> <li>-very magnetic.</li> <li>-pyroxene % increases towards contact.</li> <li>Structure:</li> <li>-weak fracturing (blocks) at 45° to CA.</li> <li>-dark green grey.</li> <li>-fine grained.</li> </ul>		<ul style="list-style-type: none"> <li>{68.0-136.83}</li> <li>-strong serpentine and carbonate alteration within fractures and veins.</li> <li>-small amounts of antigorite associated with serpentine appears from 128.0-136.83m.</li> </ul>	<ul style="list-style-type: none"> <li>-no visible mineralization.</li> </ul>	<ul style="list-style-type: none"> <li>-contact is distinct but still gradational.</li> </ul>
28.40 TO 136.83	FINE GRAINED DUNITIC VOLCANIC #1, #4, #6	<ul style="list-style-type: none"> <li>Texture:</li> <li>-up to 80% olivine throughout.</li> <li>-7% pyroxene up to 62.0m, increasing to 10-12% further downhole.</li> <li>-small zones show weak cumulate texture, but no strong cumulate to note throughout the unit.</li> <li>Alteration may have erased any evidence of cumulate texture in this fine grained rock.</li> <li>-very magnetic.</li> <li>-62.28-136.83m: increasing amounts of pyroxenes up to 12% fine grained and olivines decreasing 70-75%. Beginning to look more pyroclastic towards contact, possibly a cumulate texture? structure:</li> <li>-moderately fractured.</li> <li>-fractures range from 30-50° to CA.</li> <li>-133.57-95.51</li> <li>-1m shear zone.</li> <li>-fault gouge and blocky -43° to CA.</li> </ul>		<ul style="list-style-type: none"> <li>-medium grey green.</li> <li>-fine grained with smaller medium grained sections.</li> </ul>	<ul style="list-style-type: none"> <li>-medium grey green.</li> <li>-fine grained with smaller medium grained sections.</li> </ul>	
136.83 TO 239.49	FINE GRAINED PERIDOTITE VOLCANIC					

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
259.49 TO 310.00	PYROXENITE "1, J, 2"	<ul style="list-style-type: none"> <li>-dark green.</li> <li>-fine grained.</li> <li>-massive, variable fine to very fine grained, with 40% olivine grains, orthocumulate all in serpentinized pyroxene groundmass, magnetic unit becoming blocky below 297.0m.</li> </ul>		<ul style="list-style-type: none"> <li>-fr<sup>m</sup> moderately calcareous.</li> <li>-calc-carbonate between 268.0-273.0m, abrupt lower contact at 43° to CA.</li> </ul>	<ul style="list-style-type: none"> <li>↓259.49-270.86↓</li> <li>-fr<sup>m</sup> to locally 1% very fine grained, disseminated locally elevated Po within slightly coarser grained sections.</li> </ul>	
310.00 TO 337.90	FINE GRAINED PERIDOTITE VOLCANIC "1, L, 8"	<ul style="list-style-type: none"> <li>-dark grey green.</li> <li>-fine grained.</li> <li>-gradational from above unit up to 30% olivine grains &lt;1m in serpentinized groundmass, magnetic, colour banding locally &lt;1m, 10-30° to the CA.</li> <li>-layering, parallel to prominent fracture set possible polytuffing in upper 3.0m.</li> <li>↓320.0-321.5↓ fr<sup>m</sup> broken, rubbly core.</li> <li>-crackel breccia locally developed.</li> <li>-lower contact fractured, gouge.</li> </ul>		<ul style="list-style-type: none"> <li>-fr<sup>m</sup></li> <li>-335.5-337.9m: increased alteration with pale green serpentine veins and chlorite, until lower 2.0m then calc-carbonate.</li> </ul>	<ul style="list-style-type: none"> <li>↓310.0-337.9↓</li> <li>-minor Po.</li> </ul>	
337.90 TO 343.30	MAFIC INTRUSIVE "7, 8"	<ul style="list-style-type: none"> <li>-brown.</li> <li>-fine to medium grained.</li> <li>-altered, sheared unit, gradational to underlying</li> </ul>		<ul style="list-style-type: none"> <li>-brown coloured alteration often</li> </ul>	<ul style="list-style-type: none"> <li>-trace Po.</li> </ul>	

HOLE NUMBER: REA46-01

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
343.30 TO 350.30	GABBRO INTRUSIVE #7s	<ul style="list-style-type: none"> <li>-medium green.</li> <li>-medium-coarse grained.</li> <li>-massive, porphyritic, up to 10% chloritic pyroxene grains to 5mm, &lt;2% white feldspar. as above, in dirty green cumulus feldspar groundmass, below 349. In increased olivine, groundmass more serpentinized.</li> <li>-contact at 45° to CA, lower contact at 60°.</li> </ul>		<ul style="list-style-type: none"> <li>-Chl, 8% below 349. In unit shows mainly serpentine alteration.</li> </ul>		
350.30 TO 368.53	PYROXENITE #1, J, Ds	<ul style="list-style-type: none"> <li>-grey.</li> <li>-medium grained.</li> <li>-massive, magnetic, up to 50% olivine grains, equant to bladed, in grey coloured groundmass orthocumulate.</li> <li>-358.8-373.05m: increased alteration with cracked breccia.</li> <li>-373.05-385.0m: green coloured, olivine, pyroxene? orthocumulate &lt;40%, in chloritic-serpentinized groundmass.</li> <li>-384.1-384.39m: biotite lamprophyre, upper contact at 45° to CA, lower contact at 60°.</li> <li>-dark green.</li> <li>-fine to medium grained.</li> </ul>	*S*		<ul style="list-style-type: none"> <li>{350.3-354.8}</li> <li>*3%o, CPY*</li> <li>-disseminated, interstitial, very fine grained, &lt;0.5mm, minor CPY, decreasing with depth.</li> </ul>	
388.53 TO 395.50	PERIDOTITE #1, L, Zs	<ul style="list-style-type: none"> <li>-dark green.</li> <li>-fine to medium grained.</li> <li>-massive, magnetic, ortho-masocumulate, up to 60% olivine &lt;2mm in pyroxene-serpentine groundmass.</li> <li>-upper 3cm grey, aphanitic possible chill margin or flow contact - mylonite? at 50° to CA.</li> <li>-dark green.</li> <li>-fine to medium grained.</li> </ul>	*S*		<ul style="list-style-type: none"> <li>-Trace Po.</li> </ul>	
395.50 TO 419.41	PERIDOTITE #1, Ls	<ul style="list-style-type: none"> <li>-dark green.</li> <li>-fine to medium grained.</li> <li>-massive, magnetic, upper contact fractured at 50°, orthocumulate &lt;50% olivine orthocumulate</li> </ul>	*S*		<ul style="list-style-type: none"> <li>-Trace Po.</li> </ul>	<ul style="list-style-type: none"> <li>-top downhole.</li> </ul>

HOLE NUMBER: REA46-01

DRILL HOLE RECORD

LOGGED BY: LANCE HOWLAND

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HOLE NUMBER: REAG-01

DRILL HOLE RECORD

DATE: 02/27/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
419.41 TO 419.41	E.O.H.	<p>grains &lt;2mm in pyroxene-serpentine groundmass, decreasing olivine downhole, with increased pyroxene grains (cumulate?), &lt;10% olivine at base.</p> <p>-400.0-403.0m: multiple calcite-serpentine veins to 3cm, at 20-50° to CA.</p> <p>-upper 1cm aphanitic band at 50° to CA, grading in olivine cumulate with possible spinifex (secular) (top-uphole?) for 20cm sharp contact with cumulate.</p> <p>-415.85-417.09m: biotite lamprophyre.</p>				

HOLE NUMBER: REAG-01

DRILL HOLE RECORD

LOGGED BY: LANCE HOWLAND

PAGE: 5

Report of Work Conducted After Recording Claim

Transaction Number  
W9560.00191

Mining A

Personal information collected on this form is obtained under the authority of the collection should be directed to the Provincial Manager, Mining Lands, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.



900

- Instructions:
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) Falconbridge Limited		Client No.
Address Box 1140, 571 Main St. Ave., Timmins, ON. P4N 7H9		Telephone No. (705) 267-1188
Mining Division Porcupine	Township/Area Reaume	M or G Plan No.
Date Work Performed	From: Nov. 15, 1994	To: Dec. 22, 1994

Work Performed (Check One Work Group Only)

Work Group	Type
<input type="checkbox"/> Geotechnical Survey	
<input checked="" type="checkbox"/> Physical Work, Including Drilling	Diamond Drilling.
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 108,851

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Norex Drilling	P.O. Box 88, Porcupine, ON. P0J 1C0

RECORDED  
APR 21 1995  
Receipt

(attach a schedule if necessary)

Certification of Beneficial Interest \* See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date April 11/95	Recorded Holder or Agent (Signature) [Signature]
--	---------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying Lance Howland 511 Rea. St. N., Timmins, ON.		
Telephone No. 267-1188	Date April 11/95	Certified By (Signature) [Signature]

For Office Use Only

Total Value Cr. Recorded 108,851	Date Recorded	Mining Recorder T. Binkley	Received Stamp APR 21 1995 [Signature] PORCUPINE MINING DIVISION
	Deemed Approval Date JULY 20/95	Date Approved JULY 31/95	
	Date Notice for Amendments Sent JULY 18/95		



Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction  
W9560.00191

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Diamond Drilling	\$108851	
			\$108851
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			\$108851

2. Indirect Costs/Coûts indirects

\*\* Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)		Valueur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

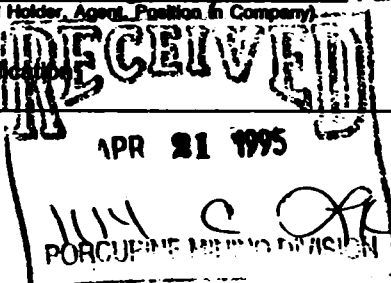
Valueur totale du crédit d'évaluation	Evaluation totale demandée
x 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Associate Geologist I am authorized  
(Recorded Holder, Agent, Position in Company)

to make this certificate



Attestation de l'état des coûts

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de \_\_\_\_\_ je suis autorisé  
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature: Janitorial Date: April 11/95

**NOTES**

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

Subdivision of this township into lots and concessions was annulled July 9, 1962.

**SAND AND GRAVEL**

- ① SAND RESERVE FILE 144578 EXPIRED NOTICE RECEIVED 93-JAN-06
- ② GRAVEL RESERVE FILE 144600
- ③ QUARRY RESERVE FILE 173978

\* 1986-1987

④ THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1993/94. FOR FURTHER INFORMATION ON FILE

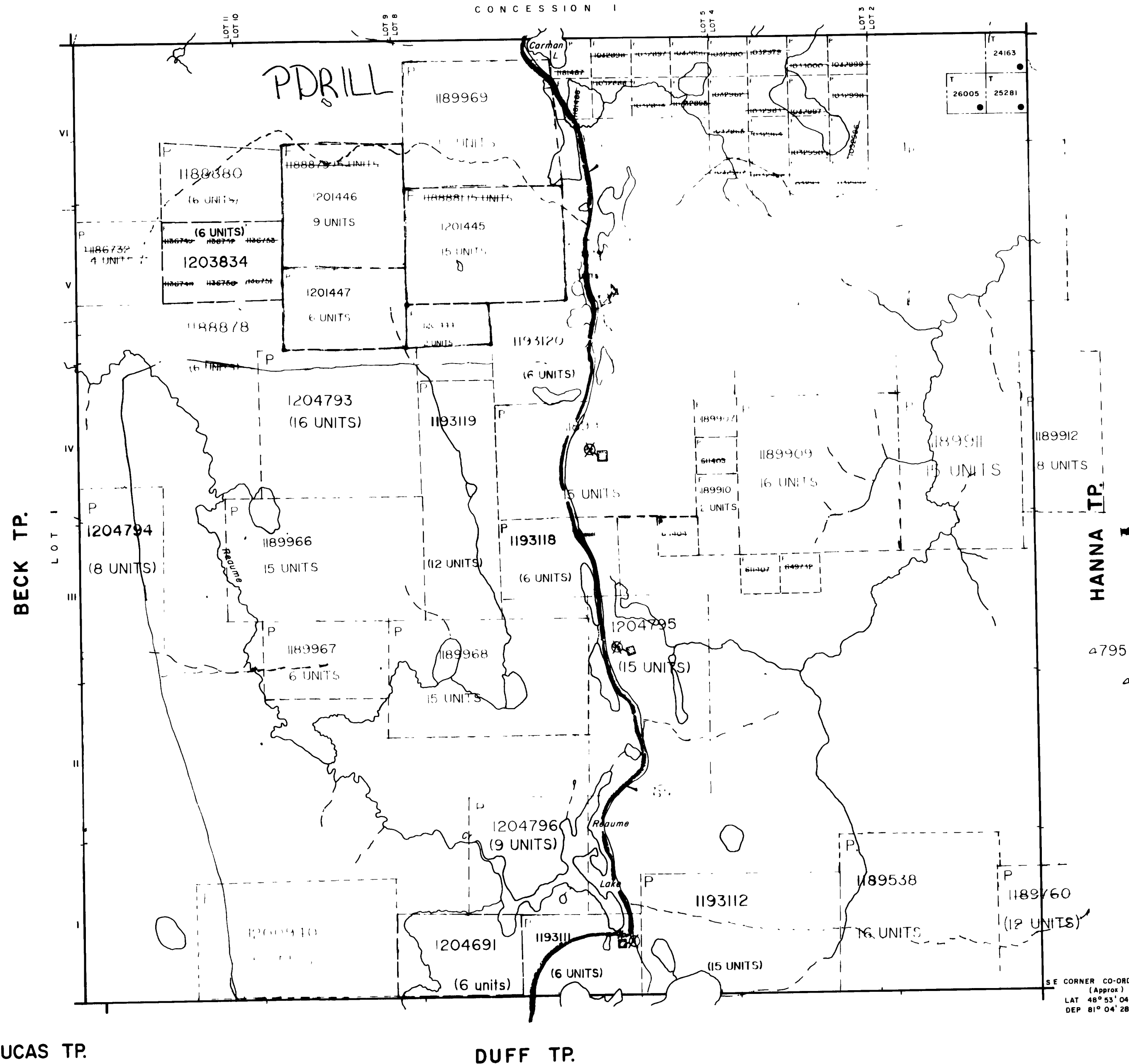
⑤ SNOWMOBILE TRAIL NOTICE RECEIVED 92-DEC-09

⑥ THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1993/94. FOR FURTHER INFORMATION ON FILE

⑦ THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1993/94 (CHEM. SPRAY, JULY 22, 1993)

**FOURNIER TP.**

CONCESSION 1



**LEGEND**

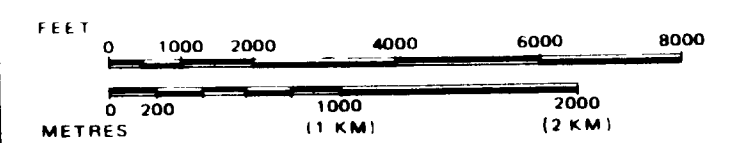
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- 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	⊕

JUL 31 1993

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

**REAUME**

M.N.R. ADMINISTRATIVE DISTRICT

COCHRANE

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE



Ministry of Natural Resources

Ministry of Northern Development and Mines

Date OCT 1975

Number

**G-3560**

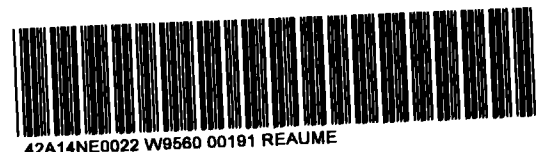
WATHD JULY 20, 1997  
BY D.C.  
CHECKED BY G.W.

LUCAS TP.

DUFF TP.

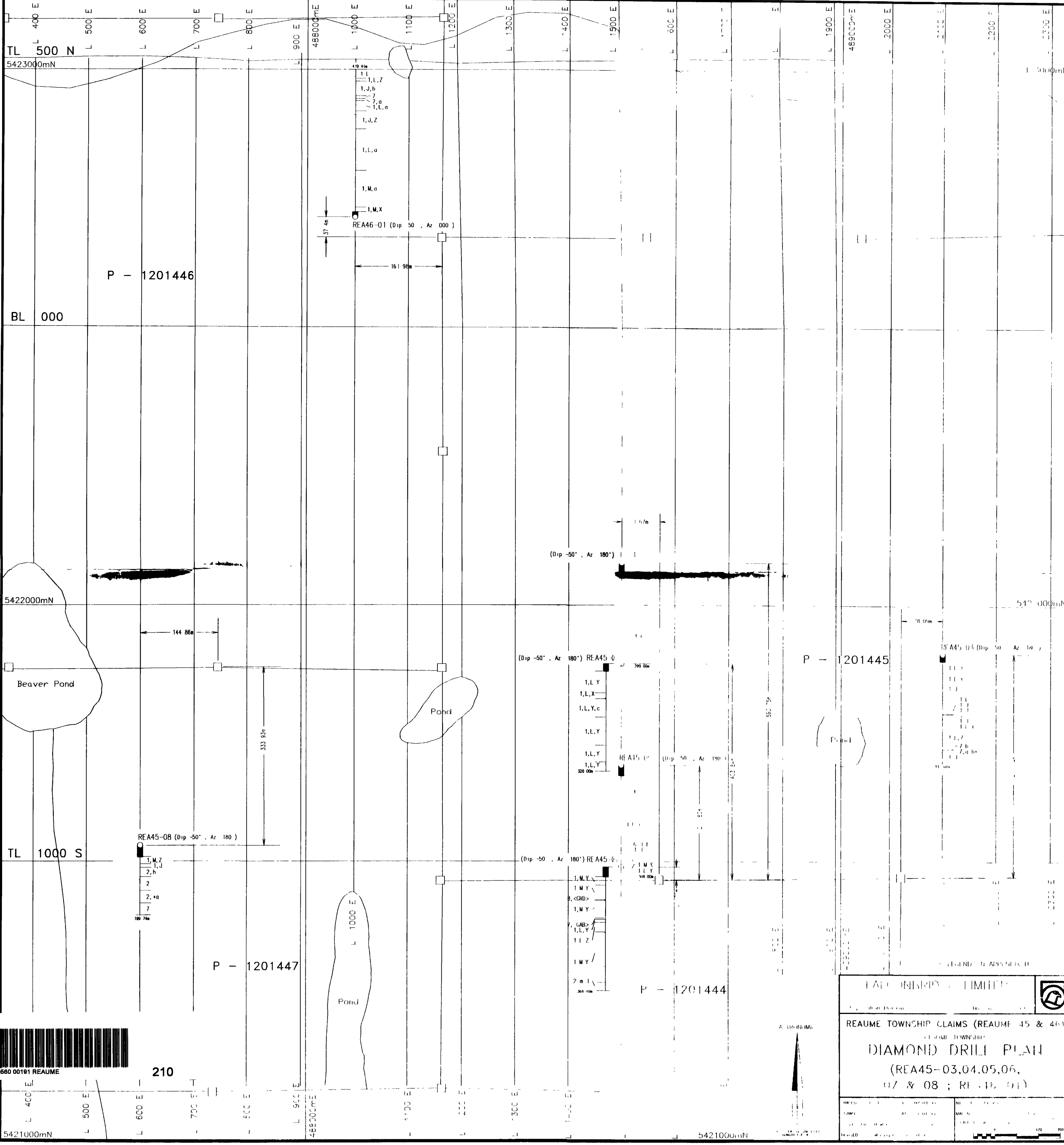
BECK TP.

HANNA TP.



42A14NE022 W9660 00101 REAUME





TL 500 N

BL 000

5422000mN

TL 1000 S

5421000mN

P - 1201446

P - 1201445

P - 1201447

P - 1201444



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RAUME TOWNSHIP CLAIMS (REAUME 45 & 46)  
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**DIAMOND DRILL PLAN**  
 (REA45-03,04,05,06,  
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