Norex Drilling Limited
P.O. Box 88 - Porcupine, Ontario P0N 1C0
Telephone (705) 235-2222
Fax (705) 235-2806

April 3, 1996

Invoice #F96402

FALCONBRIDGE LIMITED
P.O. BOX 1140
TIMMINS, ONTARIO
P4N 7H9

HOLE #MAN-54-02, Casing 36m	
15 x $44.00	660.00
15 x $52.00	780.00
06 x $61.00	366.00
36 to 150 = 114 x $44.00	5,016.00
150 to 240 = 90 x $45.75	4,117.50
Left In Hole:	
33m NW Casing x $47.00	1,551.00
36m BW Casing x $40.00	1,440.00
1 NW Shoe x $204.00	204.00
1 BW Shoe x $154.00	154.00
HOLE #MAN-55-03, Casing 69m	
15 x $44.00	660.00
15 x $52.00	780.00
15 x $61.00	915.00
15 x $70.00	1,050.00
09 x $80.00	720.00
69 to 71 = 2 x $44.00	~~88.00~~ 4213 + 294.91 tx
65 ~~52~~ BQ Core Trays x $5.25	~~273.00~~ 341.25
Sub total:	~~35,762.72~~ 35,676.97
GST #R103904504	~~2,503.39~~ 2,497.39
INVOICE TOTAL:	$ ~~38,266.11~~ 38,174.36

4213 + 294.91 tx = 4507.91

THANK YOU

C. Petch P.N. 8269
April 10/96 for $38,174.36

Norex Drilling Limited
P.O. Box 88 - Porcupine, Ontario P0N 1C0
Telephone (705) 235-2222
Fax (705) 235-2806

April 17, 1996

Invoice #F96420

FALCONBRIDGE LIMITED
P.O. BOX 1140
TIMMINS, ONTARIO
P4N 7H9

EAST ONTARIO - APRIL 1-17/96

HOLE #MAN 55-03, Casing 69m	
71 to 150 = 79 x $44.00	3,476.00
150 to 179 = 29 x $45.75	1,326.75
~~1 Test x $50.00~~	~~50.00~~
Pulling Casing: 1 hr x $75.00	75.00
HOLE #MAN 55-04, Casing 51m	
15 x $44.00	660.00
15 x $52.00	780.00
15 x $61.00	915.00
06 x $70.00	420.00
51 to 150 = 99 x $44.00	4,356.00
150 to 260 = 110 x $45.75	5,032.50
~~4 Tests x $50.00~~	~~200.00~~
51m BW Casing x $40.00	2,040.00
1 BW Casing Shoe x $154.00	154.00
HOLE #MAN 24-02, Casing 28m	
15 x $44.00	660.00
13 x $52.00	676.00
28 to 150 = 122 x $44.00	5,368.00
150 to 161 = 11 x $45.75	503.25
~~3 Tests x $50.00~~	~~150.00~~
Pulling Casing: 1 hr x $75.00	75.00
Waterline:762m	
14 hrs x $25.00 = 350.00	
05 Propane x $36.00 = 180.00	
Total: 530.00 x 15%	79.50
Moving to MAN 24-02, 10 km	
5 hrs x $50.00 = 250.00 x 50%	125.00

===continued on page 2===

Norex Drilling Limited
P.O. Box 88 - Porcupine, Ontario P0N 1C0
Telephone (705) 235-2222
Fax (705) 235-2806

April 25, 1996

Invoice #F96424

FALCONBRIDGE LIMITED
P.O. BOX 1140
TIMMINS, ONTARIO
P4N 7H9

RE: EAST ONTARIO

Demob Charge	1,000.00
129 Core Trays x $5.25	677.25
Sub total:	1,677.25
GST #R103904504	117.41
INVOICE TOTAL:	$ 1,794.66

THANK YOU

Trays MAN 55-03 25 = 131.25 + 9.19tx 140.44
MAN 55-04 37 = 194.25 + 13.59tx 207.84
348.28

DUPLICATE

OASIS PARK MOTEL

YOUR HOSTS: RALPH TESSIER
PHIL TESSIER

HWY: 11
NEWMARKET TOWNSHIP
P.O. BOX 640
IROQUOIS FALLS, ON
P0K 1G0

PHONE: 705-232-6933
FAX: 705-232-6668
OFFICE: 705-232-5344

APRIL 24, [illegible]

Falconbridge Ltd.,
P.O. Box 1140,
571 Moneta Ave.,
Timmins, Ontario
P4N 7H9

Invoice: Rent - for 2 Rooms & Lobby

For: April 1-15/96
2 x 400.00.....$800.00
GST 56.00

$856.00

356.00

Thanking you, I remain,

Sincerely,

OASIS PARK MOTEL

Phil Tessier, Owner

C. Petit

P.N. 8278

April 30/96

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
P0K 1T0

INVOICE

NO.: 00036720

DATE: 05/31/96

PAGE: 1

SOLD TO:
FALCONBRIDGE EXPLORATION LTD
BOX 1140

TIMMINS, ON P4N 7H9

SHIP TO:
Same

GST Number: R132862640

Proj #/P.O. # 8269

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	5		WRA Package #1 Cert #6W-1571-RG1			14.50	72.50
			GST @ 7%				5.08

C. Petch
June 6/96
8269-605-608

COMMENTS:
Net 30 Days

WR on assays for MAN55-01

TOTAL ▶ 77.58

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
P0K 1T0

INVOICE

NO.: 00036480

DATE: 05/01/96

PAGE: 1

SOLD TO:
FALCONBRIDGE EXPLORATION LTD
BOX 1140

TIMMINS, ON P4N 7H9

SHIP TO:

Same

GST Number: R132862640

Proj #/P.O. # 8278

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	27		WRA Package #1			14.50	391.50
	25		Sample Prep			3.50	87.50
			Cert #6W-1545-RG1				
			GST @ 7%				33.54

DDH MAN 55-04 (17 samples)
512.54 x 17/27
= $322.71

C. Patel
P.N. 8269
May 13/96

ATO 3129-3138 MAN24-02
ATO 3096-3100 MAN55-04
ATO 3139-3150 "

COMMENTS:
Net 30 Days

TOTAL 512.54

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
POK 1TO

INVOICE

NO.: 00036702

DATE: 05/29/96

PAGE: 1

SOLD TO:
FALCONBRIDGE EXPLORATION LTD
BOX 1140

TIMMINS, ON P4N 7H9

SHIP TO:
Same

GST Number: R132862640

Proj #/P.O. # 8269

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	1		Geochem Package #3			19.00	19.00
			Cert #6W-1571-PG1				
			GST @ 7%				1.33

C. Petel
June 6/96
8269-605-608.
AT04495 MANS8-04

COMMENTS:
Net 30 Days

TOTAL 20.33

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
P0K 1T0

INVOICE

NO.: 00036485

DATE: 05/01/96

PAGE: 1

SOLD TO:
FALCONBRIDGE EXPLORATION LTD
BOX 1140

TIMMINS, ON P4N 7H9

SHIP TO:
Same

GST Number: R132862640

Proj #/P.O. # 8269

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	97		Geochem Package #1			10.00	970.00
	94		Sample Prep			3.50	329.00
			Cert #6W-1571-RG1				
			GST @ 7%				90.93

7@-15 mW

Samples AT04427 - AT04524

Paul Nagel May 10 '96

PN-8269

COMMENTS:
Net 30 Days

TOTAL ➧ 1389.93

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
POK 1TO

INVOICE

NO.: 00036449

DATE: 04/26/96

PAGE: 1

SOLD TO:
FALCONBRIDGE EXPLORATION LTD
BOX 1140

TIMMINS, ON P4N 7H9

SHIP TO:
Same

GST Number: R132862640

Proj #/P.O. # 8269

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	4		Geochem Package #1			10.00	40.00
	3	-	Sample Prep			3.50	10.50
			Cert #6W-1525-RG1				
			GST @ 7%				3.54

MAN55.D4

C. Dele
PN 8269
April 30/96

ATO4424-27

COMMENTS:
Net 30 Days

TOTAL ➧ 54.04

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
POK 1TO

INVOICE

NO.: 00036385

DATE: 04/19/96

PAGE: 1

SOLD TO:

FALCONBRIDGE EXPLORATION LTD
BOX 1140

TIMMINS, ON P4N 7H9

SHIP TO:

Same

GST Number: R132862640

Proj #/P.O. # 8262

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	64		Geochem Package #1			10.00	640.00
	61		Sample Prep			3.50	213.50
			Cert #6W-1432-RG1				
			GST @ 7%				59.75

MAN
DDH 55-03 (18 Samples)
913.25 × 18/64
= $256.85

C. ~~Pett~~
PN 8278
~~Apr~~ 025/95

AN series MAN2~~Apr~~
~~ANG 974-91~~ MAN55-03

COMMENTS:
Net 30 Days

TOTAL 913.25

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
P0K 1T0

INVOICE

NO.: 00036407

DATE: 04/23/96

PAGE: 1

SOLD TO:

FALCONBRIDGE EXPLORATION LTD
BOX 1140

TIMMINS, ON P4N 7H9

SHIP TO:

Same

GST Number: R132862640

Proj #/P.O. # 8269

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	20		WRA Package #1			14.50	290.00
	19		Sample Prep			3.50	66.50
			Cert #6W-1433-RG1				
			GST @ 7%			5.95%	24.96

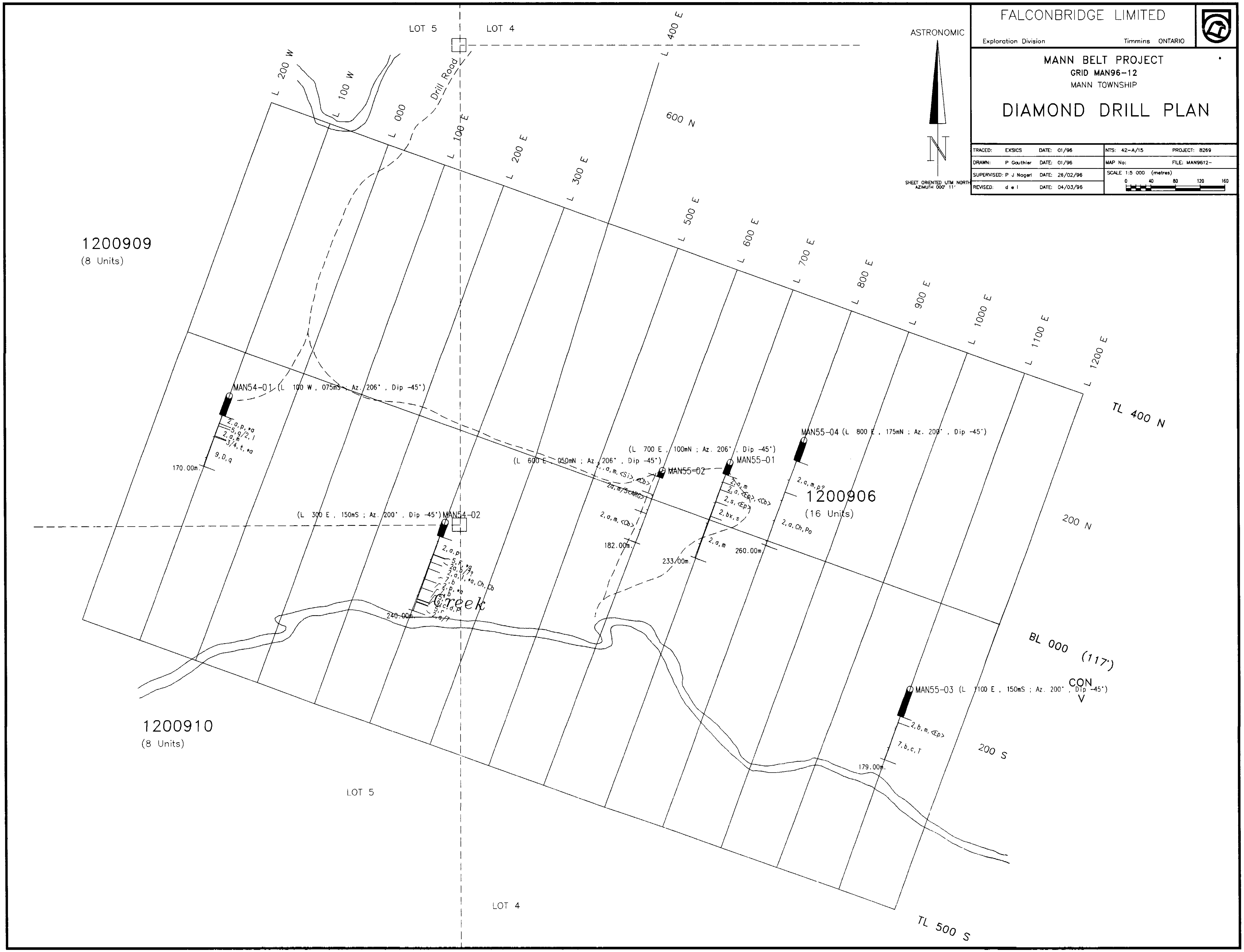
DOH MAN55-03 (8 Samples)
$381.46 x 8/20
= $152.58

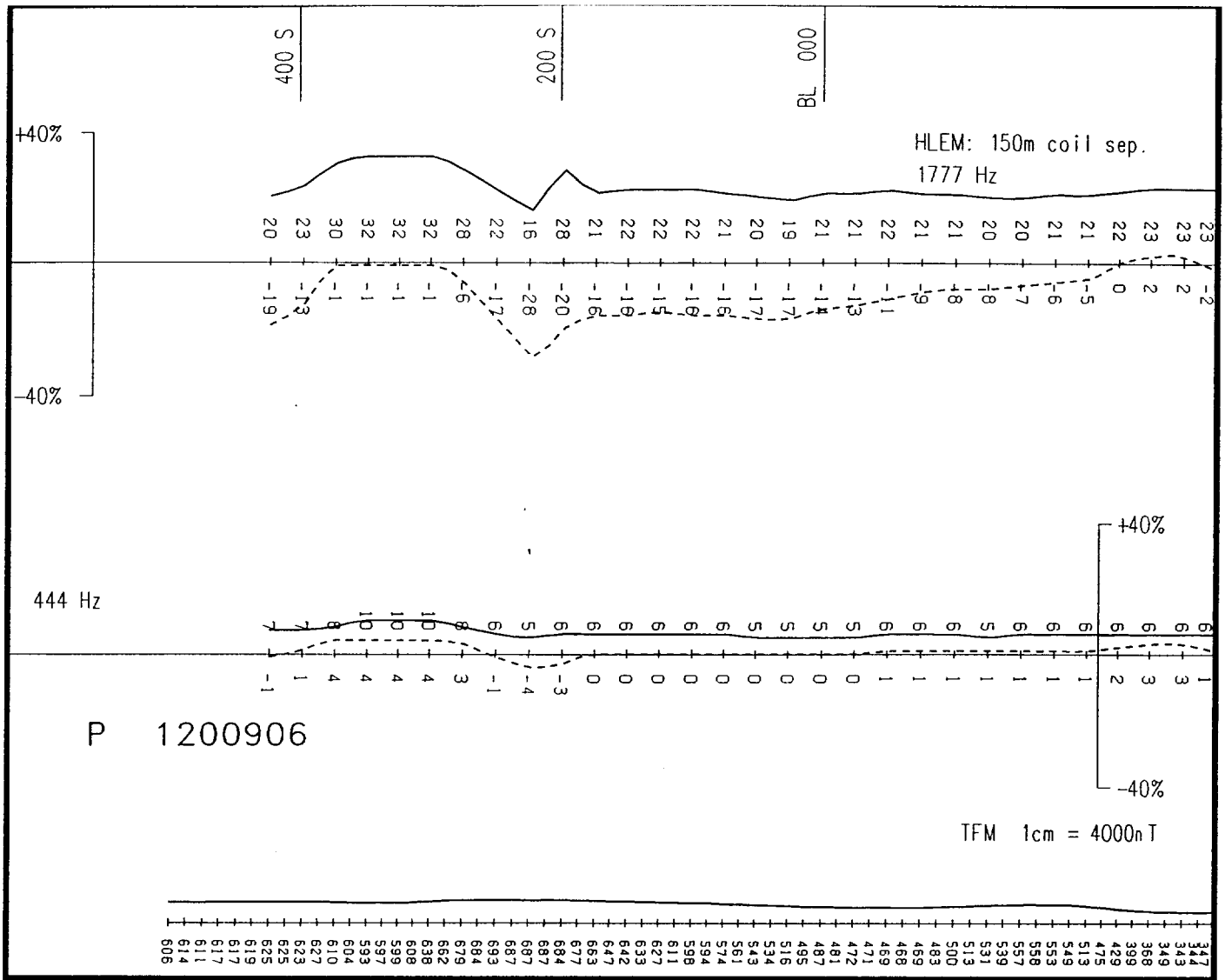
Samples AT02399-400
AT03075-95

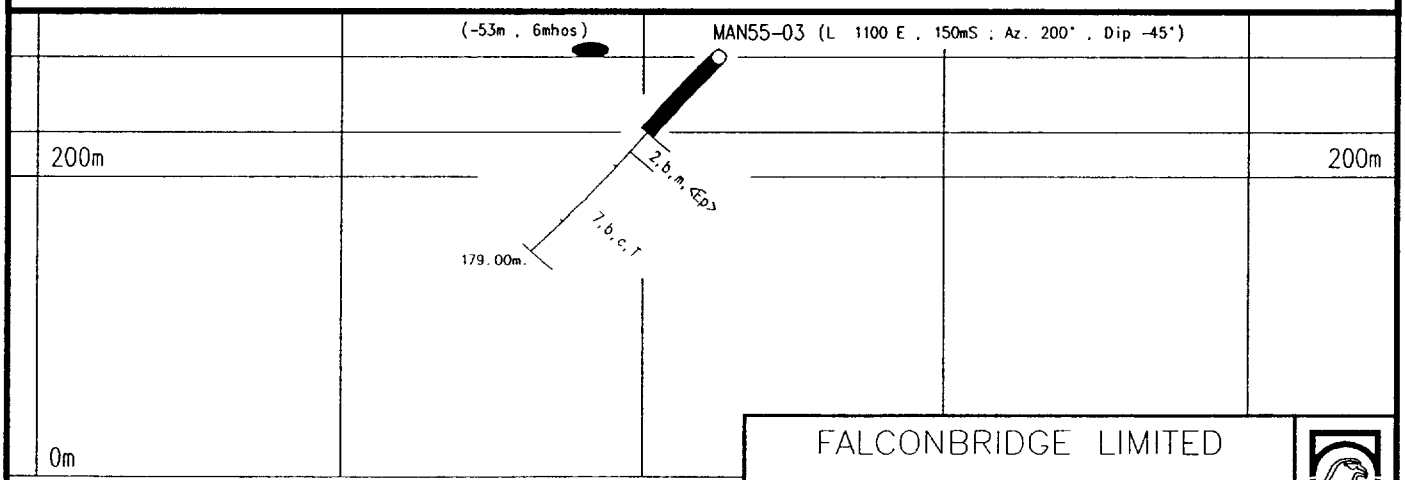
Paul Nagel April 25 '96
PN 8278

COMMENTS:
Net 30 Days

TOTAL 381.46


FALCONBRIDGE LIMITED
Exploration Division
Timmins ONTARIO
MANN BELT PROJECT
GRID MAN96-12
MANN TOWNSHIP
DIAMOND DRILL PLAN
TRACED: EXSICS DATE: 01/96
DRAWN: P Gauthier DATE: 01/96
SUPERVISED: P J Nagerl DATE: 26/02/96
REVISED: d e l DATE: 04/03/96
NTS: 42-A/15 PROJECT: 8269
MAP No: FILE: MAN9612-
SCALE 1:5 000 (metres)
0 40 80 120 160
ASTRONOMIC
N
SHEET ORIENTED UTM NORTH
AZIMUTH 000° 11'
LOT 5
LOT 4
Drill Road
L 200 W
L 100 W
L 000
L 100 E
L 200 E
L 300 E
L 400 E
L 500 E
L 600 E
L 700 E
L 800 E
L 900 E
L 1000 E
L 1100 E
L 1200 E
600 N
TL 400 N
200 N
BL 000 (117°)
200 S
TL 500 S
CON V
1200909
(8 Units)
1200906
(16 Units)
1200910
(8 Units)
MAN54-01 (L 100 W , 075mS ; Az. 206° , Dip -45°)
170.00m.
MAN54-02 (L 300 E , 150mS ; Az. 200° , Dip -45°)
240.00m.
MAN55-02 (L 600 E , 050mN ; Az. 206° , Dip -45°)
182.00m.
MAN55-01 (L 700 E , 100mN ; Az. 206° , Dip -45°)
233.00m.
MAN55-04 (L 800 E , 175mN ; Az. 200° , Dip -45°)
260.00m.
MAN55-03 (L 1100 E , 150mS ; Az. 200° , Dip -45°)
179.00m.
Creek
LOT 5
LOT 4





LEGEND

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

- 100m grid line separation
- line TFM
- HLEM
- AEM: ch ; cond. siemens ; ch 6 ppm

FALCONBRIDGE LIMITED

Exploration Division Timmins ONTARIO

MANN BELT PROJECT

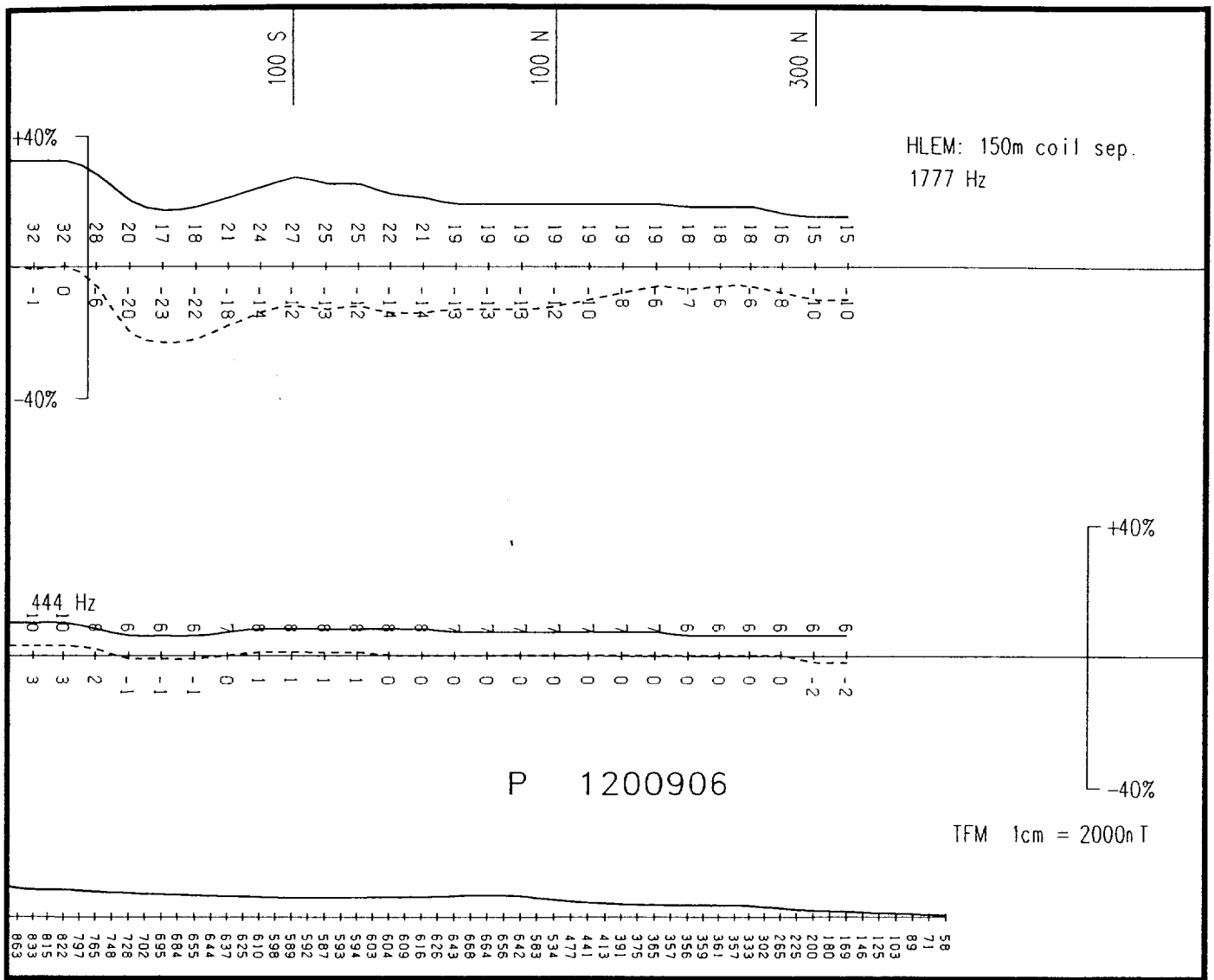
ROTATED DRILL SECTION 1100 E

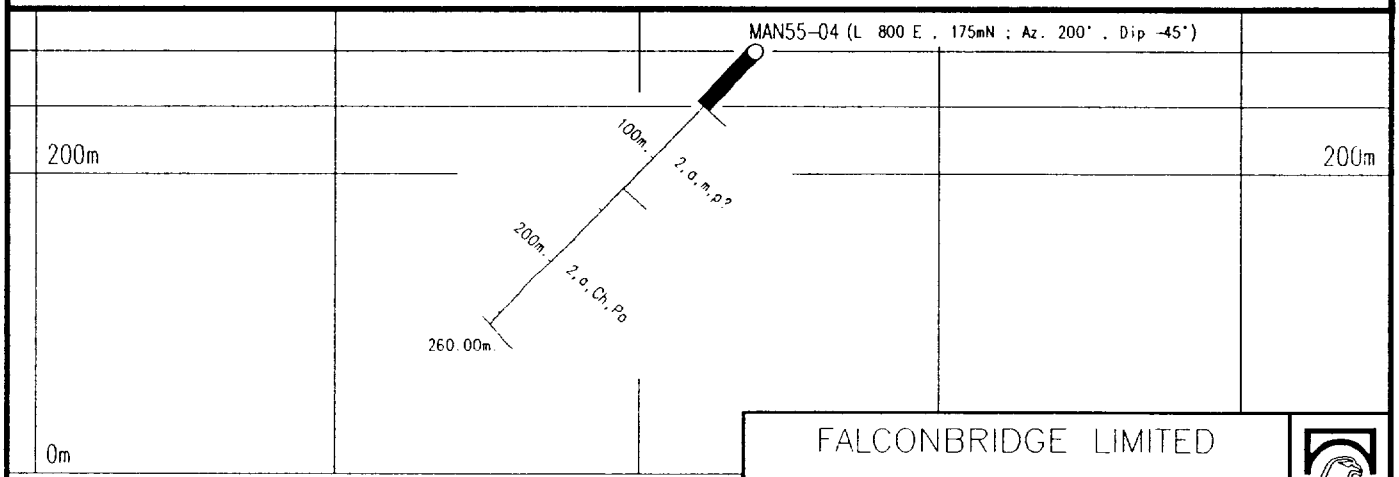
DDH MAN55-03

GRID MAN96-12

Az 200° MANN Twp.

TRACED:	PRODES	DATE: 02/05/96	NTS: 42-A/14 & 15	PROJECT: 8269	
DRAWN:	d e l	DATE: 02/05/96	MAP No:	FILE: 8269 BT	
SUPERVISED:	P J Nogert	DATE: 20/03/96	SCALE 1:5 000 (metres)		
REVISED:		DATE:	0 40 80 120 160		





LEGEND

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

FALCONBRIDGE LIMITED

Exploration Division Timmins ONTARIO

MANN BELT PROJECT

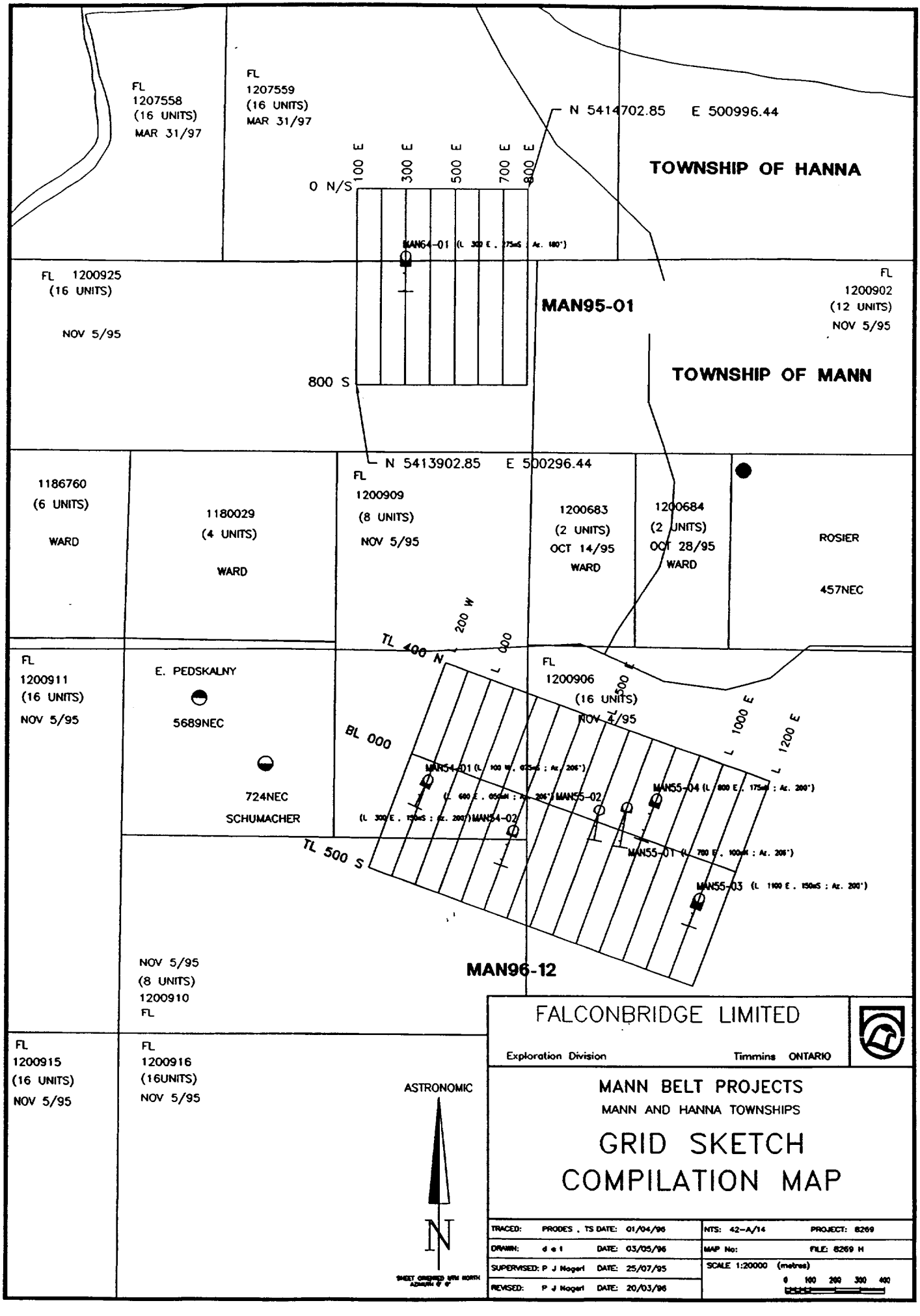
ROTATED DRILL SECTION 800 E

DDH MAN55-04

GRID MAN96-12

Az 200° MANN Twp.

TRACED: PRODES	DATE: 15/05/96	NTS: 42-A/14 & 15	PROJECT: 8269
DRAWN: d e l	DATE: 15/05/96	MAP No:	FILE: 8269 BU
SUPERVISED: P. J. Nagert	DATE: 20/03/96	SCALE 1:5 000 (metres)	
REVISED:	DATE:	0 40 80 120 160	


FL
1207558
(16 UNITS)
MAR 31/97
FL
1207559
(16 UNITS)
MAR 31/97
N 5414702.85 E 500996.44
TOWNSHIP OF HANNA
0 N/S
100 E
300 E
500 E
700 E
800 E
MAN64-01 (L 300 E . 175mS ; Az. 180°)
FL 1200925
(16 UNITS)
NOV 5/95
MAN95-01
FL
1200902
(12 UNITS)
NOV 5/95
TOWNSHIP OF MANN
800 S
N 5413902.85 E 500296.44
1186760
(6 UNITS)
WARD
1180029
(4 UNITS)
WARD
FL
1200909
(8 UNITS)
NOV 5/95
1200683
(2 UNITS)
OCT 14/95
WARD
1200684
(2 UNITS)
OCT 28/95
WARD
ROSIER
457NEC
200 W
TL 400 N
L 000
L 500 E
L 1000 E
L 1200 E
FL
1200911
(16 UNITS)
NOV 5/95
E. PEDSKALNY
5689NEC
724NEC
SCHUMACHER
FL
1200906
(16 UNITS)
NOV 4/95
BL 000
MAN54-01 (L 100 W. 075mS ; Az. 206°)
(L 600 E . 050mN ; Az. 206°) MAN55-02
MAN55-04 (L 800 E . 175mS ; Az. 200°)
(L 300 E . 150mS ; Az. 200°) MAN54-02
MAN55-01 (L 700 E . 100mN ; Az. 206°)
MAN55-03 (L 1100 E . 150mS ; Az. 200°)
TL 500 S
NOV 5/95
(8 UNITS)
1200910
FL
MAN96-12
FL
1200915
(16 UNITS)
NOV 5/95
FL
1200916
(16UNITS)
NOV 5/95
ASTRONOMIC
N
SHEET ORIENTED WITH NORTH AZIMUTH 0° 0'
FALCONBRIDGE LIMITED
Exploration Division
Timmins ONTARIO
MANN BELT PROJECTS
MANN AND HANNA TOWNSHIPS
GRID SKETCH
COMPILATION MAP
TRACED: PRODES . TS DATE: 01/04/96
DRAWN: d e t DATE: 03/05/96
SUPERVISED: P J Nagerl DATE: 25/07/95
REVISED: P J Nagerl DATE: 20/03/96
NTS: 42-A/14
PROJECT: 8269
MAP No:
FILE: 8269 H
SCALE 1:20000 (metres)
0 100 200 300 400

LEGEND

Geology

MAJOR ROCK DIVISIONS

- 15 — TO BE ANNOUNCED
- 14 — HURONIAN SUPERGROUP
- 13 — METAMORPHIC (Unknown)
- 12 — GNEISS
- 11 — SCHIST
- 10 — DIABASE
- 9 — FELSIC INTRUSIVE ROCKS
- 8 — INTERMEDIATE INTRUSIVE ROCKS
- 7 — MAFIC INTRUSIVE ROCKS
- 6 — ULTRAMAFIC INTRUSIVE 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

TEXTURAL/GEOCHEMICAL MODIFIERS

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

TEXTURAL/STRUCTURAL MODIFIERS

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

MINERALOGICAL NAMES

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

ALTERATION MODIFIERS

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

ROCK TYPE

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

PROJECT NAME: 8269
PROJECT NUMBER: 8269
CLAIM NUMBER: P1200906
LOCATION: Mann Township

PLOTTING COORDS GRID: UTM
NORTH: 5411801.86N
EAST: 501696.71E
ELEV: 280.00

COLLAR ASTRONOMIC AZIMUTH: 200° 0' 0"

ALTERNATE COORDS GRID: MAN96-12
NORTH: 1+50 S
EAST: 11+ 0 E
ELEV: 280.00

GRID ASTRONOMIC AZIMUTH: 200° 0' 0"

COLLAR DIP: -45° 0' 0"
LENGTH OF THE HOLE: 179.00M
START DEPTH: 0.00M
FINAL DEPTH: 179.00M

DATE STARTED: 03/31/1996
DATE COMPLETED: 04/02/1996
DATE LOGGED: 04/03/1996

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

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

CONTRACTOR: Norex Drilling Ltd.
CASING: casing pulled
CORE STORAGE: Minesite
UTM COORD.:

COMMENTS : Target: Mod. large mag., cross-cutting weak conductor. Source: fault (?) in weakly magnetic granite.
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
71.00	° ' "	-49° 0' 0"	A	OK		-	-	-	-	-	
155.00	° ' "	-45° 0' 0"	A	OK		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
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LOGGED BY: C.A. Petch
C.A. Petch

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 69.27	Casing «┤ob├»					- casing pulled.
69.27 TO 86.18	Mafic Volcanic «2,b,m,<Ep>»	- dark green. - medium grained to locally fine grained. - massive to weakly foliated at 55-80°/ca. - homogeneous texture. Variations are a result of alteration (40% of interval). - cut by 0.5-1 cm, pink, hornblende-porphyritic granitic veinlets. - downhole contact is sharp, strongly foliated for the last 20 cm with hornblende augen(?).		- epidote alteration in 2-15 cm wide zones as fine veinlets with trace sulphides. These zones are usually moderately to strongly foliated at 60-70°/ca. - cut by rare, late fracture-controlled carbonate veinlets, in turn cut by diffuse, dark green and grey, chlorite + epidote + dark grey carbonate veins, locally hematite stained. - locally fracture-controlled veinlets have up to 1 cm weakly bleached alteration halos.	- 0.1%, fine disseminated pyrite. - 0.5%, fracture-controlled pyrrhotite. - epidote-altered zones contain up to 2% pyrite with lesser pyrrhotite and trace chalcopyrite.	
86.18 TO 179.00	Mafic Intrusive «7,b,c,T»	- medium to dark green with pale pink and white. - medium to coarse grained. - massive, typically porphyritic. - moderately hard, weakly magnetic. - 25-35%, 2-3 mm, subhedral to euhedral, dark green, hornblende. - matrix is very fine grained, pale pink to white, and felsic. - overall textures are variable. - both leucocratic and melanocratic phases. - fine grained zones and pockets (1%), locally resemble diffuse fragments of 3cm x 10cm. - intervals where felsic minerals are medium grained with up to 30%, 2 mm, rectangular, pale pink and white feldspar phenocrysts and/or 5%, anhedral, purple-stained, dark grey quartz. - 128.80-130.45m - interval with 60%, fine grained, medium green mafic dykes cut core randomly. ╢149.0-149.15m╟ «Fault Zone» - pale grey, dense clay fault gouge. Contact at 75°/ca, weakly mylonitic, 1 cm into rock. - finer grained intervals at 152.5-155m and 155.4-157.4m are brown green and typically still hornblende porphyritic.		- 2-10mm, grey quartz veins with associated k-spar (or hemetite) + epidote ± carbonate + pyrite veins - rare, weak, pervasive carbonate alteration. - fine chloritic(?) veinlets cut core, are fabric destructive and often weakly foliated at high angles to core axis. - pale pink, transluscent quartz vein at 169.84-170m. Up to 1% similar 0.5-1 cm wide veinlets scattered throughout interval.	- trace to 0.5% disseminated pyrite. - up to 2% disseminated pyrite commonly associated with all alteration types.	

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
AT03987	0.00	0.00	0.00	12	121	15	7	<2	0.3																KRAP	standard
AT03974	74.00	75.50	1.50	120	31	1	101	<2	0.1																2	cut off
AT03975	75.50	77.00	1.50	96	24	1	57	<2	0.1																tr py+cpy+po	2
AT03976	77.00	78.50	1.50	119	30	1	57	<2	0.1																2	tr py
AT03977	78.50	80.00	1.50	99	36	1	59	<2	0.1																2	
AT03978	80.00	81.50	1.50	101	29	1	72	<2	0.1																aa	
AT03979	81.50	83.00	1.50	80	26	1	43	<2	0.1																aa	
AT03980	83.00	84.50	1.50	91	34	1	96	<2	0.1																aa	
AT03981	84.50	85.18	0.68	98	34	1	102	<2	0.1																2	
AT03982	85.18	86.00	0.82	86	57	1	68	<2	0.1																7,c	
AT03983	86.00	86.61	0.61	132	50	1	62	<2	0.1																7,c	
AT03984	131.30	132.73	1.43	17	41	1	46	<2	0.1																7c	
AT03985	132.73	133.47	0.74	57	35	1	43	<2	0.1																7c, wk alt	tr py
AT03986	133.47	134.50	1.03	64	36	1	38	<2	0.1																aa	
AT03988	134.50	135.90	1.40	41	34	1	35	3	0.1																aa	
AT03989	135.90	137.00	1.10	46	45	1	50	7	0.1																7c, 3 cm qv	
AT03990	137.00	138.00	1.00	29	54	1	55	<2	0.1																7c	tr py
AT03991	138.00	139.27	1.27	39	30	1	36	<2	0.1																7,c	cut off

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	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM
AT03086	0.00	0.00	0.00	74.99	11.09	0.51	0.51	1.09	7.44	2.45	0.25	0.06	0.03	<0.00	0.77	99.19	120	294		5	130	10		KRAP	9hz	123
AT03080	71.00	74.00	3.00	46.19	15.06	11.48	8.83	1.83	0.60	12.69	0.80	0.10	0.15	0.05	2.51	100.29	14	22		65	60	130		2,b	2hu	108
AT03081	80.00	83.00	3.00	46.83	13.66	11.54	9.83	1.71	0.64	13.44	0.79	0.12	0.20	0.05	2.12	100.93	12	20		80	65	235		2	2hu	98
AT03082	89.00	92.00	3.00	49.72	13.06	12.21	8.42	2.87	0.66	10.44	0.68	0.42	0.17	0.04	2.26	100.95	14	62		55	80	135		7,c	7(h)yB	83
AT03083	116.00	119.00	3.00	49.37	15.13	9.73	7.96	3.44	1.14	9.81	0.64	0.34	0.16	0.05	2.83	100.60	10	34		75	60	115		7,c	7(h)yB	106
AT03084	129.40	130.00	0.60	48.72	14.85	9.72	7.03	4.48	0.64	9.24	0.50	0.22	0.14	0.04	4.83	100.41	10	50		75	60	190		7,a dike	7(j)u	100
AT03085	152.00	155.00	3.00	62.22	15.61	4.96	2.97	5.33	1.34	4.87	0.41	0.20	0.07	0.04	2.84	100.86	8	98		10	55	40		7,a (1% py)	9jA	134
AT03087	164.00	167.00	3.00	57.20	14.34	7.20	5.47	3.91	1.68	7.57	0.65	0.40	0.12	0.04	1.99	100.57	16	86		15	70	255		7,a	7(j)yB	112

Sample	From (M)	To (M)	Leng. (M)	RB PPM	SR PPM	CO2 %	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
AT03086	0.00	0.00	0.00						<5		100	25																	
AT03080	71.00	74.00	3.00						50		400	285																	
AT03081	80.00	83.00	3.00						60		1500	275																	
AT03082	89.00	92.00	3.00						40		100	225																	
AT03083	116.00	119.00	3.00						40		100	205																	
AT03084	129.40	130.00	0.60						35		300	150																	
AT03085	152.00	155.00	3.00						15		2300	85																	
AT03087	164.00	167.00	3.00						25		<100	140																	

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	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 PPM	MGO#	CA/AL	NI/MG
AT03086	0.00	0.00	0.00														<1						4			30		0.33	0.05	2
AT03080	71.00	74.00	3.00														<1						47			<5		0.62	0.76	1
AT03081	80.00	83.00	3.00														<1						42			<5		0.64	0.84	2
AT03082	89.00	92.00	3.00														<1						26			<5		0.66	0.93	1
AT03083	116.00	119.00	3.00														<1						28			<5		0.66	0.64	1
AT03084	129.40	130.00	0.60														<1						25			<5		0.65	0.65	2
AT03085	152.00	155.00	3.00														1						10			<5		0.59	0.32	1
AT03087	164.00	167.00	3.00														1						18			5		0.63	0.50	4

HOLE NUMBER: MAN55-04

FALCONBRIDGE LIMITED
DRILL HOLE RECORD

DATE: 08/08/1996
IMPERIAL UNITS: METRIC UNITS: X

PROJECT NAME: 8269
PROJECT NUMBER: 8269
CLAIM NUMBER: P1200906
LOCATION: Mann Township

PLOTTING COORDS GRID: UTM
NORTH: 5412209.07N
EAST: 501524.96E
ELEV: 282.00

ALTERNATE COORDS GRID: MAN96-12
NORTH: 1+75 N
EAST: 8+ 0 E
ELEV: 282.00

COLLAR DIP: -45° 0' 0"
LENGTH OF THE HOLE: 260.00M
START DEPTH: 0.00M
FINAL DEPTH: 260.00M

COLLAR ASTRONOMIC AZIMUTH: 200° 0' 0"
GRID ASTRONOMIC AZIMUTH: 200° 0' 0"

DATE STARTED: 04/01/1996
DATE COMPLETED: 04/08/1996
DATE LOGGED: 04/09/1996

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

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

CONTRACTOR: Norex Drilling
CASING: BW
CORE STORAGE: Minesite
UTM COORD.:

COMMENTS : Target: Weak mag., deep TEM conductor. Source: 1-3% po+ tr cpy, stringers in 2 over 130m as MAN55-02
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
62.00	° ' "	-46° 0' 0"	A	OK		-	-	-	-	-	
113.00	° ' "	-45° 0' 0"	A	OK		-	-	-	-	-	
185.00	° ' "	-45° 0' 0"	A	OK		-	-	-	-	-	
224.00	° ' "	-45° 0' 0"	A	OK		-	-	-	-	-	
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LOGGED BY: C.A. Petch

C.A. Petch

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 51.50	Casing «┤ob├»					- 54 metres of BW casing left in hole.
51.50 TO 129.15	Mafic Volcanic «2,a,m,p?»	- medium green to grey-green. - fine to medium grained. - massive to weakly foliated (various orientations). - locally weakly porphyritic with up to 2%, 1mm, fine, white feldspar(?) laths. - moderately hard with chlorite-altered intervals only slightly softer. - 60.25m - first appearance of 20%, 1-2mm, rounded, hazy white spots. - locally, zones of chlorite alteration resemble pillow selvedges as edges are diffuse and locally have a spotty texture that are possible varioles. - medium grained and or spotty interval in 80% of interval. - local dark grey-green, fine grained, homogeneous intervals (may be a tuff) are cut by 1mm, irregular chlorite-filled fractures. - local framboid white spots up to 1 cm in size appear be composed of a fine grained mixture of calcite (red stain) and quartz (vitreous, grey). Locally coalesce. - 66.4m - 4 cm 'fragment' has rounded but a well defined edge with a slightly irregular, 1cm, speckled white 'halo' around a dark green, fine grained center. This may be an alteration texture (diffuse fracture) or pillow remnant? - 87.25-87.40m - concentration of chlorite veinlets creating an in situ brecciated texture with 2-4 cm, rounded fragments. - 88m - 10 cm, rounded pillow with a 0.3 cm bleached rim with darker green, 'ashy' selvedge containing fine fracture-controlled carbonate + pyrrhotite + trace chalcopyrite. - 109m - well defined varioles are 3mm, rounded in clusters (not diffuse spots). - 111.9m - sharp discordant contact of medium grey flow/pillow against a dark forest green ashy interflow material(?). - 124m - widest occurrence of coarser grained(?) mafic with up to 2mm feldspar phenocrysts and 5		- local, pervasive olive brown carbonate alteration locally dolomitic (stains blue). - <1%, 1mm-wide carbonate veins (calcite, red stain). - spotty texture may be alteration or varioles or both. - up to 5% (increasing downhole) chlorite(?) alteration is fracture-controlled in 1mm to 2 cm-wide irregular fractures. Altered rock is a deep forest green and very fine grained. Often associated with white carbonate and trace to 2% sulphides. - 0.1%, hairline chlorite veinlets are irregular and often contain trace blebs of pyrrhotite. - rare, pale brown-green, fracture-controlled and patchy quartz ± epidote ± sericite alteration. - 90m - 3 cm-wide, pale brown, carbonate-rich halo with feathery edges around a 5 mm wide carbonate vein. - 93.2-93.7 - pervasive pale brown carbonate alteration fracture-controlled around the edges.	- 53-54m - 3%, fracture-controlled pyrite is partially weathered out (ground water) in 2-5 mm wide, irregular, bands of massive pyrite at 0-20°/ca. - trace fracture-controlled pyrrhotite and chalcopyrite are often associated with carbonate and almost always associated with chlorite alteration. This is the style of mineralization that becomes predominant in the downhole unit. - rare, finely disseminated chalcopyrite ± pyrrhotite. - pyrrhotite is magnetic and has purplish tinge suggesting it will contain nickel. - 106-107m - up to 1% pyrrhotite with trace chalcopyrite in stringers.	- 60.25m WR AT03096 to check spots (varioles or alteration?). Thin section MB-06. - 100.4m - WR AT03098 - possible pillow core. Spotty texture with 1% chlorite alteration and trace carbonate in veinlets with pyrrhotite and chalcopyrite. - 112.47m - WR AT03099 - fine grained, dark forest green sample with trace sulphides and feldspar veinlet. - 118.22m - fine to medium grained, medium to light grey dyke (?).

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		mm, irregular, dark green patches in more quartz-sericite or epidote(?)-rich patches (alteration or igneous inhomogeneity?). - 125.75-125.96m - 10cm of weakly banded, brownish-green interflow sediment with deformed quartz veining or cherty sediments. Brecciated by carbonate veins (40%) and contains trace pyrrhotite. - 127.5 - rare, 4 cm-wide, white and pale pink, medium grained feldspar cluster. - downhole contact approximate at increased density of chlorite alteration.				
129.15 TO 260.00	Altered Mafic Volcanic «2,a,Ch,Po»	- medium to dark green with green-grey. - fine grained to very fine grained in altered intervals. - weak to moderate foliation. Wisps of fracture-controlled mineralization are flattened. - coarse grained chlorite or pseudomorphed amphibole as up to 5 mm, tabular crystals at the cores of the wider chlorite-altered zones, locally with pyrrhotite and chalcopyrite. - lighter grey zones appear to derive much of their colour from pale grey, 1mm spots that occur between 10-60% in 2-30 cm wide patches Locally these zones are cut by chlorite veinlets also exhibiting the spotted texture. - widest chlorite-altered zones with typically up to 10% stringer/fracture-controlled pyrrhotite and trace to 0.5% chalcopyrite are at: - 132.2-133.6m and - 141.5-146.0m. - local hazy, darker green, fracture-controlled alteration of medium green, weakly altered(?) mafic. This texture is in turn cut by carbonate and sulphide veinlets. - rare, 0.5-1 cm, irregular clots of very fine grained, quartz+feldspar+epiodote mixture(?) only locally associated with carbonate and sulphides. - 141.5-142m - poorly constrained breccia zone with matrix of carbonate, chlorite, and 3% stringer pyrrhotite. Gradational boundaries. - 154.7-155.0m - 2-5 cm fragment-like zones of light grey spotted rock (alteration?). - after apx. 155m, grey 'fragments' in intervals		- rounded, 1-3mm, framboidal, white to light grey spots resembling varioles occur in 1 cm bands with spots concentrated at a base and diffusing away from it (alteration or pillow selvedge?). - chlorite alteration occurs as diffuse bands (may be pillow selvedges) and narrower well defined veinlets (as at 150m). - these alteration zones are hard, suggesting a later silicification event. - blue-grey, fine grained, transluscent, fracture-filling carbonate (calcite) is typically associated with the mineralization and is more common near uphole contact. - beige, pink-brown, fine grained felsic material in veins predominates over carbonate in downhole veining. Thin veinlets often cross-cut the diffuse pyrrhotite mineralization. - white carbonate fills rare, late 1-2 cm, sigmoidal tension gashes. - local chlorite on fracture surfaces. - after apx. 164m - the blue-grey carbonate in the chloritic intervals (with mineralization) may also contain trace epidote or sericite.	- 1-3% fracture-controlled pyrrhotite locally with carbonate and trace chalcopyrite and pyrite. Sulphides occur as stringers in the chlorite altered rock as well as in well defined late veins and fractures. - main mineralized zone is from apx. 130-148m and again at 210-215m containing intervals of up to 10% pyrrhotite and 0.5% chalcopyrite. - near top of interval sulphides occur in a very fine net texture around clasts that are 1-10mm in size, up to 2 cm. - chalcopyrite occurs with pyrrhotite as small blebs often concentrated at the tips of short dendritic fractures or along vein walls. - although mineralization decreases away from the main stringer zone (apx. 135m) it appears that chalcopyrite occurs in greater proportion to pyrrhotite in the peripheral zones (uphole of 128m and downhole of 150m). - 133.4m - zone of pyrrhotite + light grey material (quartz + epidote + sericite?). The light grey material occurs as 1-3mm blebs or balls with a rim of sulphides. On these rims chalcopyrite > pyrrhotite. - after 155m pyrite content increases	- unable to conclusively determine if unit is a series of altered pillowed and mafic flows with interflow sediments or a variable and strongly altered mafic volcanic or intrusive. - Gut feeling is that it is a mixture of the two.

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		have become much more homogeneous. - 173.6-175m - wide interval of >70%, dark forest green interpillow(?) or interflow sediments(?) with 3-15 cm-wide pale grey 'fragments', 'flows' or 'pillows'. - 176.68-176.8m - possible altered interflow sediment with moderate banding and weak foliation at 70°/ca. - 177.93-178.3m - beige to pale green felsic to intermediate dyke with 5%, dark green chlorite(?) and trace, white feldspar phenocrysts. Uphole contact is sharp at 80°/ca and very siliceous. The dyke becomes progressively greener downhole and has an irregular downhole contact. - after 191.9m - carbonate alteration intensifies (up to 10%). Spotty texture no longer observed, overall chaotic nature of core increases, 1% white quartz + feldspar + epidote patches appear. Rare green and light grey 'fragments' occur but hard to determine if alteration product or primary. - 194.8-195.15m - Fault Zone - dark grey-green, grungy with 1-2 cm, tightly packed, angular fragments with interstitial pyrite (5%) and carbonate. Fault may be responsible for surrounding increased carbonate alteration and fracturing. Also at 193.35-193.45m. - 196.80-196.83m - Fault Zone - sandy fault gouge and 30%, well rounded pebbles of mafic rock. Sharp contact at 60°/ca. - 209.97-211.96m - medium brown-green mafic dyke(?) with diffuse contacts is pervasively carbonate altered. At its core, has a 30 cm chlorite and feldspar porphyritic zone with 0.5mm, tabular, euhedral feldspars and subhedral chlorites. No carbonate is present at the core (WR AT03144). - 214.6m - 1 cm-scale, thinly laminated banding may mark the begining of another mafic unit that is slightly coarser grained and contains leucoxenes and <1mm, 1%, anhedral magnetite grains with white ilmenite(?) rims. - 233.56-233.83m - first of a series of fine grained, dark grey mafic dykes that are very weakly magnetic and homogeneous. Contacts are		- 182m - rare, 1-3mm, white to pale pink carbonate veins with a 1 cm, beige-bleached carbonate-rich alteration halo that cuts all fabrics. - 191-207m - interval of up to 10% carbonate in late, angular fractures. - 203-218m - mm to cm-scale patches of feldspar + quartz ± epidote have locally reappeared(?). - 214.6m - grungy, fractured core.	from rare to up to 2% (not observed in MAN55-02) disseminated with pyrrhotite and as smeared blebs on fracture surfaces. - 173-185m - 1-2cm, massive pyrrhotite mineralization associated with carbonate veins. Sulphides typically occur against one wall of the vein and finger outward towards the other side. - 186.6m - local 2 cm pyrrhotite swaths are net textured around sub-millimetre-sized, rounded fragments. - 189.4m - 3mm, late quartz-carbonate vein with 1% remobilized chalcopyrite and lesser pyrrhotite. - 193.5m - dark grey-brown magnetite intermixed with pyrrhotite up to 10%. Locally magnetite has white rims (ilmenite?). - 212.70-214.6m - 10% sulphides, net textured stringer pyrrhotite with trace chalcopyrite. Intermixed with pyrite and magnetite near base of interval. Also at 239m.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		sharp and at high angles to core axis. Also at 234.63-234.85m and 243.27-243.65m. - 240.0-240.65m - well developed breccia with 2-5 cm, medium green, irregular fragments with dark green, 2mm, altered rims in a medium grained, 'ashy' matrix with trace carbonate, up to 2% pyrrhotite with magnetite and trace chalcopyrite (flow top?). - 243.72-246.5m - tuff(?) foliated/well banded at 70°/ca with up to 3% pyrrhotite and trace chalcopyrite. ╣250.4-258.5╠ «7,a» - very fine grained, dark grey, contains trace blebs of pyrrhotite. Finer grained margins are similar in texture to surrounding mafic and contacts are diffuse. Flow or dyke? Dike may be slightly more chloritic at 257.4-258.5m. Mafic xenolith at 254.22-255.4m is moderately pervasively carbonate-altered and contains a 1 cm-wide stringer of 30% pyrrhotite and trace chalcopyrite + carbonate. - 257.15m - 30 cm-wide feldspar porphyritic interval with 2%, 1mm, beige feldspars and 0.5% <1mm, chlorites. Contacts are diffuse. - 258.5-260m - altered mafic with 5 mm wide chlorite alteration in bands at 80°/ca and 1-2% pyrrhotite mineralization as before (hornfelsed?).		- 216.5-218m - 3%, fine grained, cream-coloured patches contain 1-2 mm magnetite crystals.	- 1-2 cm pyrrhotite stringers or 2-5 cm net textured pyrrhotite patches with trace chalcopyrite and pyrite occur apx. every 1-1.5 metres to end of hole.	

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AT04440	0.00	0.00	0.00	13	109	<2	0.3	12			7							KRAP	
AT04467	0.00	0.00	0.00	14	111	<2	0.3	13			6							KRAP	
AT04487	0.00	0.00	0.00	14	108	<2	0.3	13			6							KRAP	
AT04425	52.50	53.00	0.50	126	48	7	0.1	11			89							2	
AT04426	53.00	54.37	1.37	152	28	<2	0.1	6			115							2	2% py
AT04427	54.37	58.27	3.90	246	29	7	0.1	10			53								1.3m long
AT04428	122.47	123.25	0.78	1500	97	55	0.4	9			122							tr po,cpy	2
AT04429	123.25	124.15	0.90	112	38	<2	0.1	1			43							aa	
AT04430	124.15	125.00	0.85	234	62	7	0.1	3			72							aa	
AT04431	125.00	126.50	1.50	539	50	21	0.1	1			78							aa	
AT04432	126.50	128.00	1.50	480	78	10	0.1	1			76							aa	
AT04433	128.00	129.50	1.50	172	95	<2	0.1	1			81							aa	
AT04434	129.50	131.00	1.50	262	93	<2	0.1	1			89							1-2%po, tr cpy	2 alt
AT04435	131.00	132.50	1.50	87	48	<2	0.1	1			83							aa	
AT04436	132.50	134.00	1.50	592	81	<2	0.1	1			281							3% po,tr cpy,py	2 alt
AT04437	134.00	135.50	1.50	150	73	<2	0.1	1			85							1% po, cpy	2 alt
AT04438	135.50	137.00	1.50	83	50	<2	0.1	1			68							aa	
AT04439	137.00	138.50	1.50	216	34	<2	0.1	1			65							aa	
AT04441	138.50	140.00	1.50	213	39	<2	0.1	1			134							1-2% po, tr cpy	2 alt
AT04442	140.00	141.50	1.50	105	28	<2	0.1	1			100							aa	
AT04443	141.50	142.44	0.94	1080	31	<2	0.2	1			411							3% po, tr cpy	2 alt
AT04444	142.44	143.56	1.12	1040	38	7	0.2	1			471							7% po, 0.5% cpy	2 alt
AT04445	143.56	144.50	0.94	174	32	3	0.1	1			134							2% po, tr cpy	
AT04446	144.50	146.00	1.50	89	29	<2	0.1	1			75							2% po	2 alt
AT04447	146.00	147.50	1.50	315	29	141	0.1	1			135							1% po	2 alt
AT04448	147.50	148.80	1.30	219	23	<2	0.1	1			144							1% po	
AT04449	148.80	150.50	1.70	459	29	3	0.1	1			165							2% po, tr cpy	2 alt
AT04450	150.50	152.00	1.50	790	33	10	0.2	1			380							3% po, tr cpy	2 alt
AT04451	152.00	153.50	1.50	127	40	31	0.1	1			138							1% po, cpy	2 alt
AT04452	153.50	155.00	1.50	120	31	<2	0.1	1			73							aa	
AT04453	155.00	156.50	1.50	71	24	<2	0.1	1			54							aa	
AT04454	156.50	158.00	1.50	54	24	<2	0.1	1			46							tr-0.5% po, cpy	2 alt
AT04455	158.00	159.50	1.50	26	35	3	0.1	1			55							aa	
AT04456	159.50	161.00	1.50	166	37	<2	0.1	1			81							aa	
AT04457	161.00	162.50	1.50	110	30	<2	0.1	1			69							aa	
AT04458	162.50	164.00	1.50	177	39	3	0.1	1			150							1% po, tr cpy	
AT04459	164.00	165.50	1.50	72	51	<2	0.1	1			88							1% po	
AT04460	165.50	167.00	1.50	34	38	<2	0.1	1			42							tr po	
AT04461	167.00	168.50	1.50	106	31	<2	0.1	1			111							1% po	
AT04462	168.50	170.00	1.50	166	27	3	0.1	1			103							aa tr py	
AT04463	170.00	171.50	1.50	475	29	3	0.1	1			197							aa	
AT04464	171.50	173.00	1.50	301	28	3	0.1	1			280							4% po	2 alt
AT04465	173.00	174.50	1.50	182	27	<2	0.1	1			232							3% po	
AT04466	174.50	176.00	1.50	313	21	<2	0.1	1			293							aa	
AT04468	176.00	177.50	1.50	481	32	<2	0.1	1			665							3% po,tr cpy,py	
AT04469	177.50	179.00	1.50	553	21	3	0.1	1			504							aa	
AT04470	179.00	180.50	1.50	110	15	7	0.1	1			172							aa	

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AT04471	180.50	182.00	1.50	354	19	<2	0.1	1			443							aa	
AT04472	182.00	183.50	1.50	1200	29	<2	0.2	1			102							0.1% cpy, 2% po	
AT04473	183.50	185.00	1.50	67	14	<2	0.1	1			116							tr po+py+cpy	
AT04474	185.00	186.50	1.50	694	20	<2	0.1	1			620							aa	
AT04475	186.50	188.00	1.50	418	23	<2	0.1	1			771							2% po, tr py	
AT04476	188.00	189.50	1.50	403	25	<2	0.1	1			800							aa	
AT04477	189.50	191.00	1.50	364	20	<2	0.1	1			857							aa remob cpy tr	
AT04478	191.00	192.00	1.00	242	18	7	0.1	1			334							tr po,py	
AT04479	192.00	193.10	1.10	296	44	3	0.1	1			473							2 Cb	tr sx
AT04480	193.10	194.00	0.90	437	26	7	0.2	1			1180							1% po	
AT04481	194.00	195.50	1.50	418	24	7	0.2	2			782							3% py	fault
AT04482	195.50	197.00	1.50	217	21	<2	0.1	1			590							tr po	
AT04483	197.00	198.50	1.50	257	26	<2	0.1	1			783							1% po	2 alt
AT04484	198.50	200.00	1.50	792	21	3	0.2	1			2610							aa	
AT04485	200.00	201.50	1.50	500	19	69	0.1	1			1760							aa	2 cb
AT04486	201.50	203.00	1.50	88	18	21	0.1	1			1110							aa	
AT04488	203.00	204.50	1.50	391	15	<2	0.1	1			2030							1% po, tr cpy	
AT04489	204.50	206.00	1.50	219	10	3	0.1	1			1140							aa	
AT04490	206.00	207.50	1.50	153	13	<2	0.2	1			965							aa	
AT04491	207.50	209.00	1.50	244	15	<2	0.1	1			1110							1-2% po	2 alt
AT04492	209.00	210.50	1.50	150	30	3	0.1	1			586							1% po	2,7
AT04493	210.50	212.00	1.50	12	35	14	0.1	1			153							7 cb	
AT04494	212.00	212.70	0.70	235	12	3	0.1	1			843							2% po	2 alt
AT04495	212.70	213.60	0.90	1900	15	7	0.2	1			10100							20% po, tr py	
AT04496	213.60	214.60	1.00	1700	21	3	0.2	1			4480							5% po, 1% cpy	
AT04497	214.60	215.80	1.20	443	10	<2	0.1	1			2180							2% po	2,b, alt
AT04498	215.80	217.30	1.50	284	9	<2	0.1	1			981							0.5% po	
AT04499	217.30	218.75	1.45	928	13	<2	0.1	1			3930							3% po, tr mt(c)	
AT04500	218.75	219.17	0.42	278	8	3	0.1	1			469							2 alt	no sx
AT04501	219.17	221.00	1.83	538	12	7	0.1	1			4900							5% po, tr py	
AT04502	221.00	222.50	1.50	63	13	14	0.1	1			373							tr po	
AT04503	222.50	224.00	1.50	538	16	<2	0.1	1			2920							3% po, tr cpy	
AT04504	224.00	225.50	1.50	270	21	<2	0.1	1			1130							aa	
AT04505	225.50	227.00	1.50	465	18	<2	0.1	1			1780							1% po	
AT04506	227.00	228.50	1.50	546	20	<2	0.1	1			1330							aa	
AT04507	228.50	230.00	1.50	147	21	<2	0.1	1			539							tr po	
AT04508	230.00	231.50	1.50	209	25	3	0.1	1			1030							1% po	
AT04509	231.50	233.00	1.50	448	26	<2	0.2	1			1300							tr po	
AT04510	233.00	234.50	1.50	472	25	<2	0.2	1			1520							2% po, tr cpy	
AT04511	234.50	236.00	1.50	573	20	3	0.1	1			1040							0.5% cpy, 2% po	
AT04512	236.00	237.50	1.50	287	21	<2	0.1	1			1290							3% po	
AT04513	237.50	239.00	1.50	368	26	147	0.2	1			688							2% po, tr py,cp	
AT04514	239.00	240.65	1.65	1070	30	<2	0.2	1			1770							7% po, tr cp,py	
AT04515	240.65	241.80	1.15	940	29	<2	0.2	1			880							1% po	
AT04516	241.80	243.19	1.39	1590	27	10	0.3	1			3320							5% po, tr cpy	
AT04517	243.19	244.05	0.86	840	31	17	0.2	1			1310							3% po	
AT04518	244.05	245.10	1.05	1000	47	10	0.2	1			824							3% po	

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AT04519	245.10	246.50	1.40	370	41	<2	0.1	1			266							1% po, tr py	
AT04520	246.50	248.00	1.50	23	47	<2	0.2	1			21							tr po,py	
AT04521	254.00	255.50	1.50	484	143	14	0.2	1			45							2 alt	tr po,py
AT04522	255.50	257.00	1.50	284	223	10	0.1	1			27							7	aa
AT04523	257.00	258.50	1.50	357	92	3	0.1	1			30							7a,2?	1% po
AT04524	258.50	260.00	1.50	218	131	<2	0.1	1			32							2 alt	1% po

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	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM
AT03150	0.00	0.00	0.00	75.12	11.05	0.51	0.50	1.03	7.42	2.48	0.25	0.06	0.03	<0.00	0.77	99.22	122	294		10	125	10		KRAP	9hz	123
AT03096	60.25	61.55	1.30	48.19	15.02	11.77	6.95	2.15	0.78	13.57	0.74	0.08	0.17	0.10	1.42	100.94	18	28		390	55	140		2?	2hv	102
AT03097	77.13	77.59	0.46	47.24	15.23	10.65	6.56	2.55	0.78	15.99	0.74	0.10	0.22	0.10	0.69	100.85	20	24		410	95	165		2,a	2hv	109
AT03098	100.40	100.70	0.30	48.55	14.61	12.75	6.77	2.44	0.58	12.26	0.74	0.08	0.24	0.09	1.39	100.50	18	30		480	70	145		2,p core	2hu	93
AT03099	112.47	112.80	0.33	47.07	14.85	11.18	6.59	2.71	0.80	15.99	0.77	0.10	0.23	0.08	0.69	101.06	20	28		90	55	145		2,a alt	2hv	101
AT03100	118.22	118.95	0.73	43.46	12.33	8.57	12.65	1.27	0.04	9.68	0.46	0.22	0.18	0.14	11.54	100.54	10	62		10	90	405		2/7	1H!	125
AT03139	124.30	124.60	0.30	48.84	14.95	13.74	6.98	2.28	0.64	10.49	0.71	0.10	0.20	0.11	1.47	100.51	14	28		85	105	150		2 patchy	2hu	90
AT03140	143.00	146.00	3.00	39.73	11.22	11.97	5.66	1.74	0.78	27.77	0.65	0.28	0.23	0.05	0.16	100.24	22	2		75	55	155		2 alt chl	2hv	77
AT03141	164.00	167.00	3.00	46.52	14.13	12.56	6.03	2.55	0.48	15.99	0.77	0.10	0.18	0.08	1.04	100.43	20	28		30	105	125		2	2hv	91
AT03142	183.39	184.31	0.92	48.84	15.05	14.83	6.25	2.51	0.36	10.16	0.85	0.12	0.18	0.13	1.68	100.96	18	30		35	605	170		2 p	2hw	85
AT03143	197.00	200.00	3.00	48.49	13.47	14.42	7.56	2.47	0.30	11.21	0.81	0.10	0.17	0.12	1.52	100.64	22	42		55	65	285		2	2hu	78
AT03144	209.97	211.96	1.99	51.12	12.55	8.10	10.77	3.21	0.46	7.03	0.37	0.20	0.13	0.13	7.05	101.12	10	68		10	70	290		2/7 Cb	1H	107
AT04496	213.60	214.60	1.00	43.77	5.10	15.20	8.98	1.25	0.24	21.87	0.51	0.10	0.19	0.03	2.30	99.54	42	70		1325	70	3790		2	1H$	31
AT04497	214.60	215.80	1.20	47.22	10.80	15.15	7.29	2.14	0.12	14.81	1.20	0.08	0.17	0.08	1.12	100.18	36	70		470	65	2220		2	2hv$	62
AT04501	219.17	221.00	1.83	45.07	11.28	13.49	6.39	2.76	0.30	17.64	1.37	0.06	0.15	0.05	1.73	100.29	18	82		440	70	4635		2	2(h)v$	68
AT03145	221.00	224.00	3.00	50.80	13.52	13.67	6.55	3.27	0.28	9.77	1.54	0.06	0.18	0.05	1.01	100.70	24	88		25	55	275		2,b	2(h)u	79
AT04514	239.00	240.65	1.65	45.65	9.80	14.44	6.25	2.35	0.44	16.96	1.38	0.20	0.19	0.01	1.65	99.32	26	76		810	75	1490		2	2hv$	57
AT04516	241.80	243.19	1.39	42.95	8.90	14.20	5.31	2.29	0.16	21.99	0.75	1.62	0.18	0.01	2.24	100.60	44	102		1325	80	3165		2	2hyB$	53
AT03146	245.10	246.55	1.45	47.41	10.25	13.45	4.70	1.67	0.26	18.65	1.47	1.14	0.43	0.05	0.80	100.28	50	76		445	75	205		2,b	2hyB$	67
AT03147	250.38	252.10	1.72	51.88	14.12	8.11	4.82	4.14	0.62	14.36	1.13	0.22	0.20	0.04	1.19	100.83	26	78		120	90	35		7a	7hv$	110
AT03148	257.00	258.50	1.50	48.52	12.40	9.93	4.22	2.15	0.84	19.17	1.64	0.16	0.35	0.05	1.09	100.52	36	84		115	110	50		7,a,chl?	7hv	96
AT03149	258.50	260.00	1.50	47.95	12.28	8.24	3.85	1.52	0.90	18.98	1.57	0.16	0.34	0.04	1.89	97.72	36	80		140	135	50		2 alt, chl	2hv$	115

Sample	From (M)	To (M)	Leng. (M)	RB PPM	SR PPM	CO2 %	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
AT03150	0.00	0.00	0.00						<5		100	30																	
AT03096	60.25	61.55	1.30						60		100	245																	
AT03097	77.13	77.59	0.46						55		1600	260																	
AT03098	100.40	100.70	0.30						50		100	255																	
AT03099	112.47	112.80	0.33						70		100	270																	
AT03100	118.22	118.95	0.73						45		<100	150																	
AT03139	124.30	124.60	0.30						45		<100	245																	
AT03140	143.00	146.00	3.00						105		2000	215																	
AT03141	164.00	167.00	3.00						65		100	270																	
AT03142	183.39	184.31	0.92						55		100	270																	
AT03143	197.00	200.00	3.00						50		100	330																	
AT03144	209.97	211.96	1.99						35		<100	135																	
AT04496	213.60	214.60	1.00						375		52500	665																	
AT04497	214.60	215.80	1.20						205		19500	605																	
AT04501	219.17	221.00	1.83						370		41100	585																	
AT03145	221.00	224.00	3.00						50		100	450																	
AT04514	239.00	240.65	1.65						250		27000	870																	
AT04516	241.80	243.19	1.39						475		47500	705																	
AT03146	245.10	246.55	1.45						190		10500	460																	
AT03147	250.38	252.10	1.72						45		5600	275																	
AT03148	257.00	258.50	1.50						45		100	365																	
AT03149	258.50	260.00	1.50						55		8800	365																	

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9660.00577

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Instructions:
- Please type or print and submit in dupl
- Refer to the Mining Act and Regulation Recorder.
- A separate copy of this form must be c
- Technical reports and maps must acco.
- A sketch, showing the claims the work is assigned to, must accompany this form.

42A15SW0070 W9660.00577 MANN

ning

900

Recorded Holder(s)		Client No.
FALCONBRIDGE LIMITED		130679
Address		Telephone No.
571 Moneta Ave. P.O. Box 1140 Timmins, Ont. P4N 7H9		(705) 267-1188
Mining Division: Porcupine	Township/Area: MANN	M or G Plan No.
Dates Work Performed From: MAR 31, 1996	To: APRIL 9, 1996.	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
	Physical Work, Including Drilling	Diamond drill hole(s) MANN area, Timmins, ON
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECORDED
OCT 28 1996
Receipt _____

Total Assessment Work Claimed on the Attached Statement of Costs $ 30,141

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 Ltd.	HWY 101 East Porcupine Ont. (705) 235-2222

(attach a schedule if necessary)

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

	Date	Recorded Holder or Agent (Signature)
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.	Oct 24/96	C. Patch

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: 571 Moneta Ave. P.O. Box 1140 Timmins Ont. P4N 7H9
C. Patch

Telepone No.	Date	Certified By (Signature)
(705) 267-1188	Oct. 24/96.	C. Patch

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
30,141			OCT 28 1996
	Deemed Approval Date: JAN 26/97	Date Approved: JAN. 7, 1997	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	P1200906	16	30 141	6400	6101	17 640
	P1200909	8		2901		
	P1200910	8		3200		
	2		30 141	12 501	6101	17640
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

41 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☒ Credits are to be cut back as priorized on the attached appendix. P1200910

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

Ministry of
Northern Development
and Mines
Ontario

Ministère du
Développement du Nord
et des mines

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: W9660.00577

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 collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e 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	1200	
	Field Supervision Supervision sur le terrain	600	1800
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type DRILLING	25436	
	ASSAYING	2274	
			27710
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
		Total Direct Costs Total des coûts directs	29510

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 [illegible]	150	
	[illegible]	50	
	GAS	75	
			275
Food and Lodging Nourriture et hébergement	[illegible]	356	356
Mobilization and Demobilization Mobilisation et démobilisation			
		Sub Total of Indirect Costs Total partiel des coûts indirects	631
		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) Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles	30141

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
	× 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.

Valeur totale du crédit d'évaluation		Évaluation totale demandée
	× 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 [illegible] I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

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	Date
[illegible]	[illegible] /96

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

AREAS WITHDRAWN FROM DISPOSITION

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

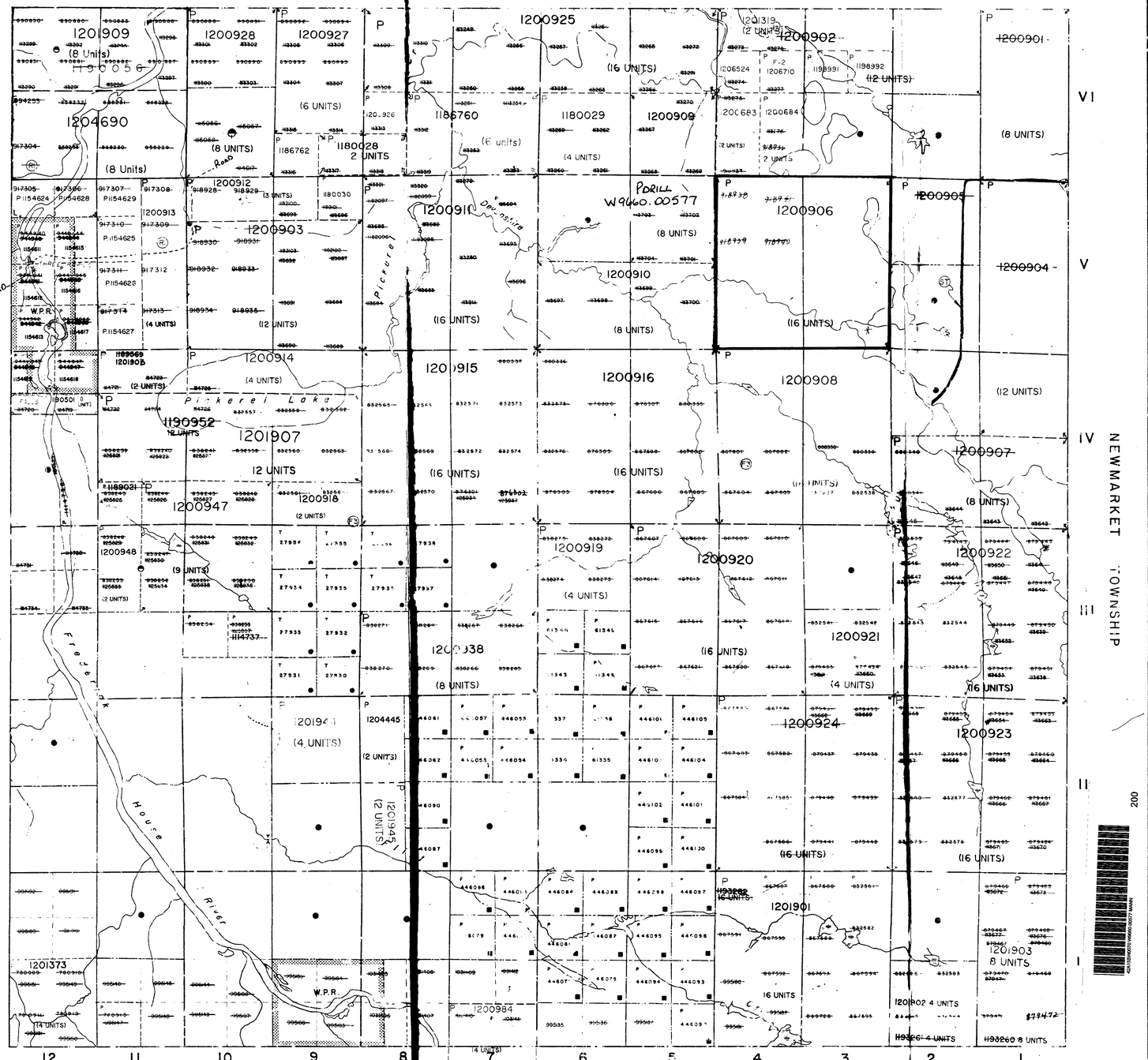
Description	Order No.	Date	Disposition	File
▨ W.P.R. WATER POWER RESERVE				

W.O. 87 / 87

Ⓡ ~~MINING AND SURFACE RIGHTS WITHDRAWN UNDER SECTION 36 OF THE MINING ACT (OCTOBER 15, 1987) see file 894253.~~

SURFACE AND MINING RIGHTS RE-OPENED TO PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 36 OF THE MINING ACT R.S.O. 1980
EFFECTIVE 90-SEP-05 AT 7AM E.S.T
ORDER NO. O-P 4/90 NR DATED 90-AUG-22.

NOTE: P1125837 PLOTTED IN ERROR.
S/B P1114737.



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.

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	
RESERVATION	
CANCELLED	
SAND & GRAVEL	
LAND USE PERMIT	*

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO 1913, VESTED IN ORIGINAL PATENTEE BY LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 6, SUB.

* L.U.P.

Metres 500 0
Chains 10 0 10 20 30 40 50
Feet 500 0 1000 2000 3000 4000 5000

SCALE 1:20 000

Ⓢ SNOWMOBILE TRAIL (LAND USE PERMIT) NOTICE RECEIVED 92-DEC-09

Received Sept 22/86

TOWNSHIP

MANN

M.N.R. ADMINISTRATIVE DISTRICT

COCHRANE

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE

Ontario

Ministry of Natural Resources

Ministry of Northern Development and Mines

Date SEPTEMBER 1986

CK-al
SM

Number G-3537