

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 9.00	⓪ ob ⓪ Ultramafic Intrusive ⓪b,⓪	<ul style="list-style-type: none"> - medium grained, porphyritic. - medium to dark blue-grey to brown green. - medium brown-green-grey, sub angular, 2 mm olivines are cumulate phase with interstitial anhedral to subhedral, white altered pyroxenes (3%) and a dark blue-grey, fine grained serpentinized matrix (15%). - magnetic, moderately soft, not reactant with HCl (3%). - fine, irregular, magnetite-filled fractures. - faults of the ultramafic with fault gouge and locally intensely fractured core are common at the top of the interval at: <ul style="list-style-type: none"> - 17.00-17.15m - at 30-60°/ca. - 28.60-28.70m - 60°/ca. - 23.70-24.25m - at 20°/ca. - 26.82-27.8m - at 30-60°/ca. - 30.5- 30.65m - at 35°/ca. -54.4-54.55m - fault gouge, 5 cm wide at 50°/ca, contains black and pale green gouge in intensely fractured ultramafic. - 86.0-87.25m - fault zone with serpentine-rich fault gouge. - after approximately 90m, 1 cm wide magnetite veins become increasing abundant (up to 0.5%). 109.9-111.50m - fault zone- zone of more serpentinized peridotite, that is highly fractured and contains 10% fault gouge in 5-10 cm wide intervals. - magnetite + native Cu veins cross-cut the serpentine only veins. - 119-122.2m - fault zone with 20% broken core and 10% fault gouge that is weakly conductive. Fault material is serpentinized ultramafic rock. - 132.97-133.64m - weakly pegmatitic, pale grey with dark green and brown interval. Coarse biotite(?), 1 cm, with 1 cm chloritic, subhedral mineral in a chaotic mess with a feldspar-like mineral, and fine flakes of muscovite. It this a xenolith or some sort of inter cumulus contaminated layer. The interval is not magnetic and not conductive. The contacts are gradational 		<ul style="list-style-type: none"> - cut by white, emerald green, and pale blue serpentine veins at random angles to the core axis. - rare, fine grained, pale green felsic veinlets cut core at 40°/ca. Where seen at 50.2m, this vein is itself cut perpendicular to its wall by 1mm wide, fracture-controlled magnetite veinlets. - rare thin magnetite veinlets have a magnetite core with a fine grained felsic margin. - olivine grains are altered along their parting plane by dark brown, metallic-coloured magnetite and by whitish pyroxene(?) which is also part of the interstitial material. 	<ul style="list-style-type: none"> - rare, thin, black magnetite veinlets are 1-2mm wide and oriented at random angles to the core axis, - dark brown, sub- to anhedral magnetite is locally associated with serpentine veinlets in the vein walls.. 	
188.00 TO					<ul style="list-style-type: none"> - 95.20m - 1 cm irregular massive magnetite veins contain 2% disseminated pyrite within one cm of the serpentinized vein walls. - first appearance of 1 mm, flecks of native copper (trace) within the magnetite veins or in the wall of the vein. 	

HOLE NUMBER: MAN43-01

DRILL HOLE RECORD

DATE: 10/25/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS	
		<p>but abrupt with olivines adjacent to the contact the same size as before but altered to white pyroxene(?). 156.81-161.12m - lighter blue-grey coarse grained lherzolite interval with 40% dark brown-green olivines (as before) with up to 40% anhedral to anhedral light cream to white altered pyroxenes(?) in serpentinized matrix. Uphole contact is marked by 10 cm wide magnetite-rich band with diffuse contacts at 30°/ca. This magnetite appears to be an in situ alteration product although a magnetite vein is also observed within the band. - Olivine grains are up to 4 mm in size (equant). - The downhole contact is gradational into a slightly finer grained (2 mm olivine grains, as before) peridotite (dunite).</p>				<p>- magnetite veins decrease in abundance after 164m.</p>	

HOLE NUMBER: MAN43-01

DRILL HOLE RECORD

LOGGED BY: C.A. PETCH

PAGE: 3

HOLE NUMBER : MAN43-01

ASSAYS SHEET

DATE: 25/10/1995

Sample	From (M)	To (M)	Legth. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn ppm	Ni ppm	Ni %	Po %	PY %	CP %	SP %	Gn %	ROCK TYPE	Comments	
AR06941	0.00	0.00	0.00															KRAP	standard	
AR06929	100.17	101.00	0.83																	nat Cu
AR06930	101.00	101.93	0.93																	
AR06931	101.93	103.03	1.10																	
AR06932	132.00	132.97	0.97																	
AR06933	132.97	133.64	0.67																	
AR06934	133.64	134.55	0.91																	
AR06935	134.55	135.56	1.01																	
AR06936	135.56	136.43	0.87																	
AR06937	136.43	137.49	1.06																	
AR06938	148.25	149.17	0.92																	
AR06939	149.17	149.83	0.66																	
AR06940	149.83	150.63	0.80																	

HOLE NUMBER : MAN43-01

ASSAYS SHEET

PAGE: 4

HOLE NUMBER : MAM3-01

GEOCHEMICAL ASSAY

DATE: 25/10/1995

Sample	From (M)	To (M)	Leg. (M)	SI02	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	TIO2	P2O5	MNO	CR2O3	LOI	SUM	Y	ZR	BA	CU	ZN	NI	CR	FIELD NAME	CHEM ID	ALLUM
AR06997	16.40	17.00	0.60	X	X	X	X	X	X	X	X	X	X	X	X	X	PPH	PPH	PPH	PPH	PPH	PPH	PPH	6		
AR06998	79.19	80.00	0.81														PPH							1		
AR06999	133.30	133.45	0.15														PPH							?		
AR07000	143.92	144.50	0.58														PPH							1		

HOLE NUMBER : MAM3-01

GEOCHEMICAL ASSAY

PAGE: 5



Report of Work Conducted After Recording Claim

MAN43-01

Transaction Number

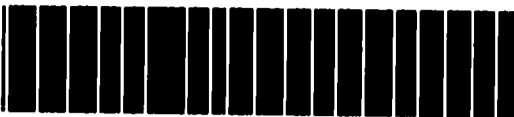
W9560-00461

SEE PAGE 2.

Ontario

Mining Act

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



42A14SE0011 W9560.00461 MANN

900

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for rec 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. 130679
Address P.O. Box 1140 571 Moneta Ave. Timmins, Ont. P4N7H9		Telephone No. (705) 267-1188
Mining Division Porcupine	Township/Area MANN	M or G Plan No.
Dates Work Performed From: October 12, 1995		To: October 15, 1995

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	Dominik Drilling (ddh MAN43-01, 180m)
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

RECORDED
 OCT 25 1995

Total Assessment Work Claimed on the Attached Statement of Costs **\$ 11,077.10517**

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
Dominik Drilling	409 King St. P.O. Box 479 Porcupine, Ont.

(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 Oct 25 '95	Recorded Holder or Agent (Signature) <i>Paul Nagerl</i>
--	---------------------------	--

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 Paul Nagerl 571 Moneta Ave. Timmins Ont.		
Telephone No. (705) 267-1188	Date Oct 25 '95	Certified By (Signature) <i>Paul Nagerl</i>

For Office Use Only

Total Value Cr. Recorded 10517 \$11,077.	Date Recorded	Mining Recorder	<div style="border: 2px solid black; padding: 10px; font-size: 2em; font-weight: bold;">RECEIVED</div> <p>(c) OCT 25 1995 11:25 SA PORCUPINE MINING DIVISION</p>
Desired Approval Date Jan 23/96	Date Approved Jan 22/96		
Date Notice for Amendments Sent			



Report of Work Conducted After Recording Claim

Mining Act

PAGE 2
Transaction Number
W9560.00461

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 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. 130679
Address P.O. Box 1140, 571 MONETA AVE. TIMMINS, ONTARIO P4N 7H9		Telephone No. (705) 267-1188
Mining Division PORCUPINE	Township/Area MANN	M or G Plan No.
Dates Work Performed From: October 12, 1995		To: October 15, 1995

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	DOMINIK DRILLING (ddh MAN43-01, 188m).
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 560. (PART OF \$11,077 TOTAL)

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
DOMINIK DRILLING	409 KING ST. P.O. Box 479, PORCUPINE, ONT.

(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 Nov. 28, 1995	Recorded Holder or Agent (Signature) Christine Petch
--	-----------------------	---

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 CHRISTINE PETCH P.O. Box 1140, 571 MONETA AVE. TIMMINS, ONTARIO P4N 7H9		
Telephone No. (705) 267-1188	Date NOVEMBER 28, 1995	Certified By (Signature) Christine Petch

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	
	Deemed Approval Date	Date Approved	
	Date Notice for Amendments Sent		

BX 1140
 MONETA AVENUE
 LES DENTARIO P44 749

DATE: 15 00 - 1895

BQ. ROYALTY FALLS

LL N° 6

e No. AUR - 22-01

m 206	to 300 = 94 M. CORING X 43.55	=	4093.70
300	to 305 = 5 M " X 45.80	=	229.00
	to		
	to		4322.70
	to		

e No. AUR - 11-01

m 0	to 15 = 15 M. CASING X 41.80	=	627.00
15	to 30 = 15 " " X 46.80	=	702.00
30	to 45 = 15 " " X 56.80	=	852.00
45	to 54 = 9 " " X 76.80	=	691.20
54	to 150 = 96 CORING X 41.80	=	4012.80

e No. 150 TO 251 = 101 " X 43.55

m	to		4398.55
	to		1128.55
	to		
	to		
	to		

e No. MAN 43-01

m 0	to 9 = 9 M. CASING X 41.80	=	376.20
9	to 150 = 141 M. CORING X 41.80	=	5893.80
150	to 188 = 38 M. " X 43.55	=	1654.90

7924.90

e No.

m	to		
	to		
	to		
	to		
	to		

e No.

m	to		
	to		
	to		
	to		
	to		

ST 23531.15
 7% GST 1647.18
 Total 25178.33

To: Falconbridge (Linnis)

From: Bonnie Bartlett
Big Nettle Lake

Rental invoice to Falconbridge for the amount of \$200.00 per
week for the period of Oct 1/95 to Oct 28/95

TOTAL \$800.00

Bonnie Bartlett
Signature

Oct 19/95
Date

Paul Negele
Oct 22 '95
8269

C-3537
MANN
W.B.
C-3537

AREAS WITHIN 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

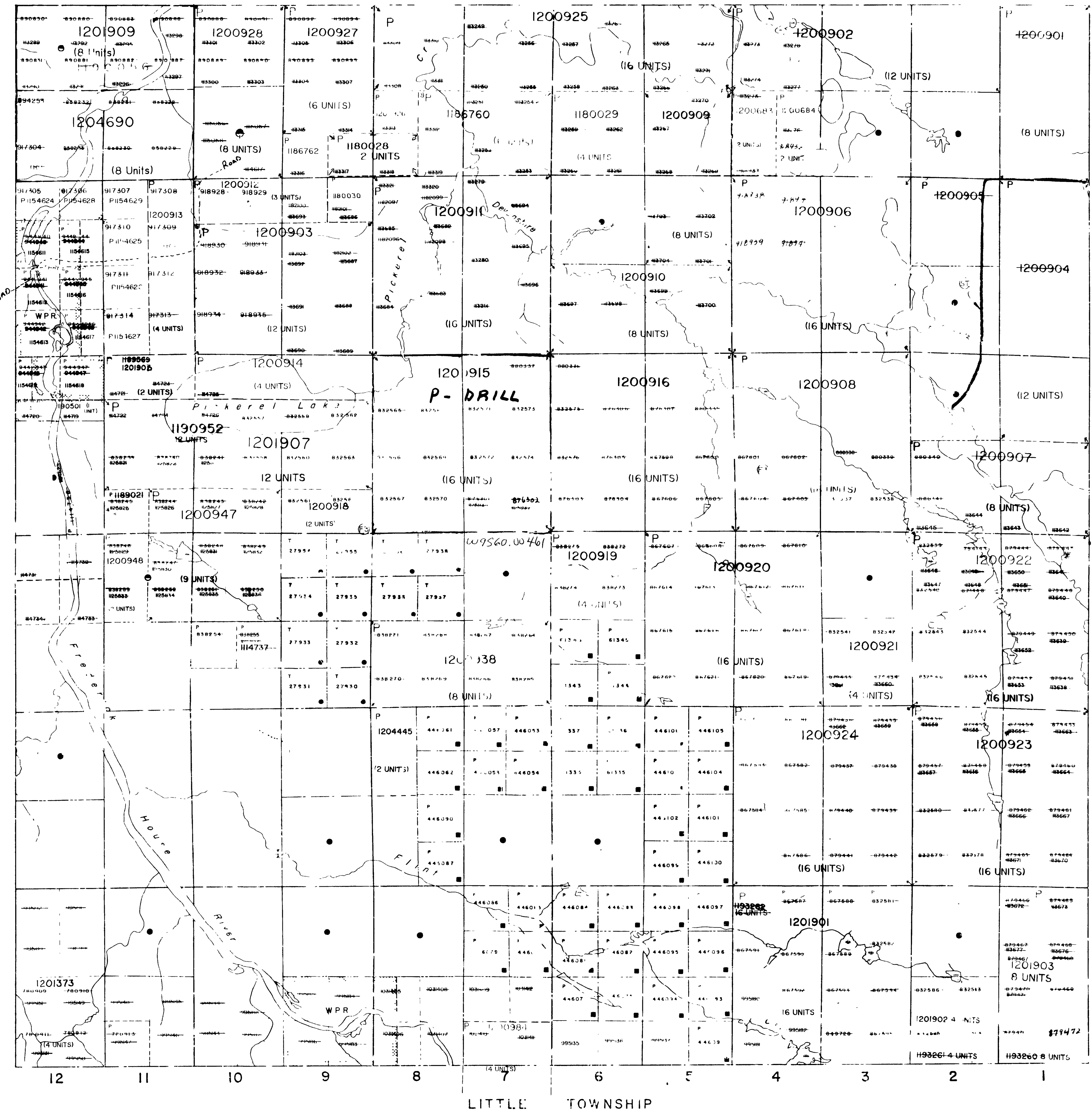
WATER POWER RESERVE

WO 87187

Mining and surface rights withdrawn under section 36 of the Mining Act (October 13 1987) see file H34753

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 (DOTTED LINE)

RAILWAY (DASHED LINE)

TRAIL (DASHED LINE)

TOWNSHIP BOUNDARY (DOTTED LINE)

LOT BOUNDARY (DOTTED LINE)

MINING CLAIM (DOTTED LINE)

RAILWAY RIGHT OF WAY (DOTTED LINE)

UTILITY LINES (DOTTED LINE)

MORPHOLOGY (HATCHED)

FLOODING (HATCHED)

SUBDIVISION (HATCHED)

REGULATIONS (HATCHED)

ORIGINAL SHORELINE (HATCHED)

HARSHOR MUSKOG (HATCHED)

MINES (HATCHED)

REVERSE MONUMENT (HATCHED)

DISPOSITION OF CROWN LAND

TYPE OF DOCUMENT

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. 1910 CHAP. 380 SEC. 4. U.S.

* L.U.P.

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

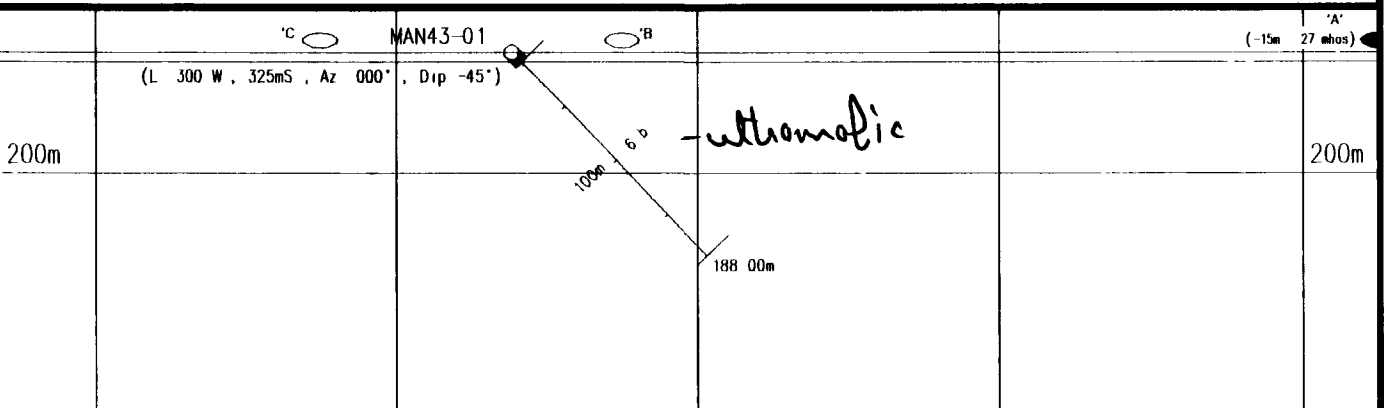
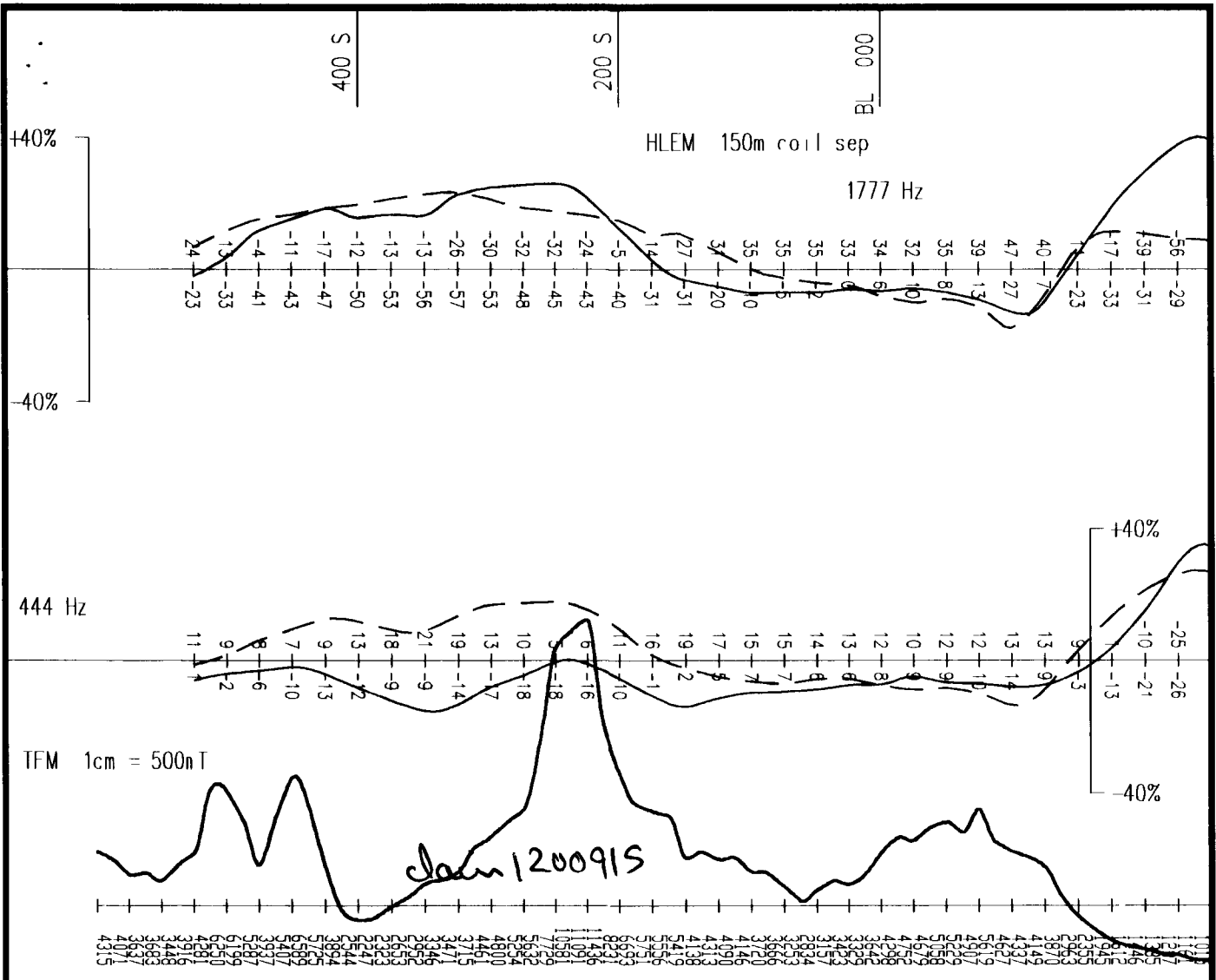
COCHRANE

Ministry of Natural Resources

Ministry of Northern Development and Mines

SEPTEMBER 1986

G-3537

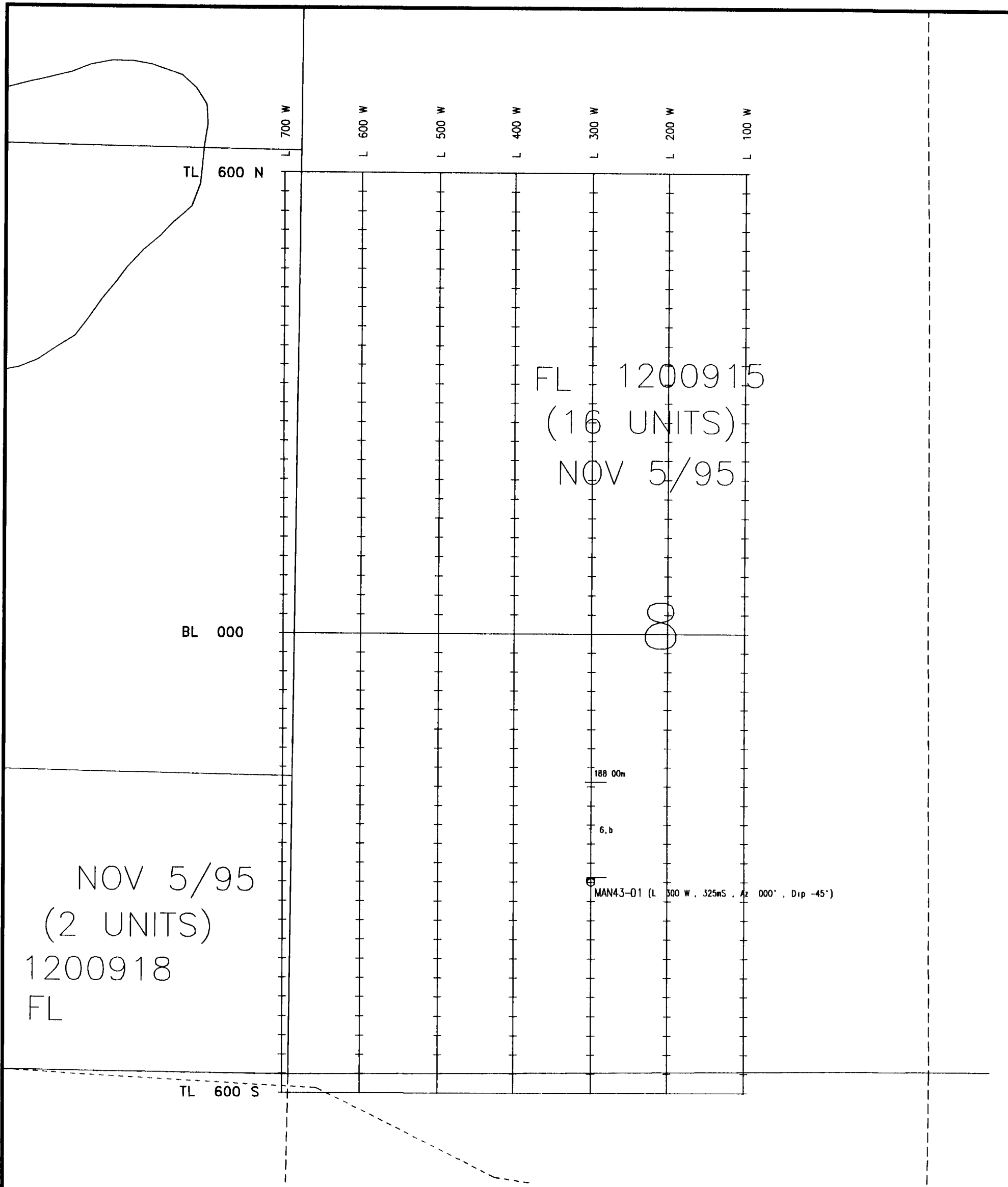


210



- 100m grid line separation
- 1 line TFM
- Regional HLEM (weak)
- AEM 11-12 ch, cond 6 siemens, ch 6 938 ppm

FALCONBRIDGE LIMITED		
Exploration Division Timmins ONTARIO		
MANN BELT PROJECT		
DIAMOND DRILL SECTION 300 W		
DDH MAN43-01		
GRID MAN95-03		
Az 000		MANN Twp
TRACED	PRODES	DATE 24/10/95
DATE	25/09/95	NIS 42-A/15
DATE	25/09/95	PROJECT 8269
DATE	25/09/95	MAP No
DATE	25/09/95	FILE 8269 N
DATE	24/10/95	SCALE 1:5 000 (metres)


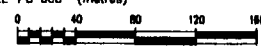


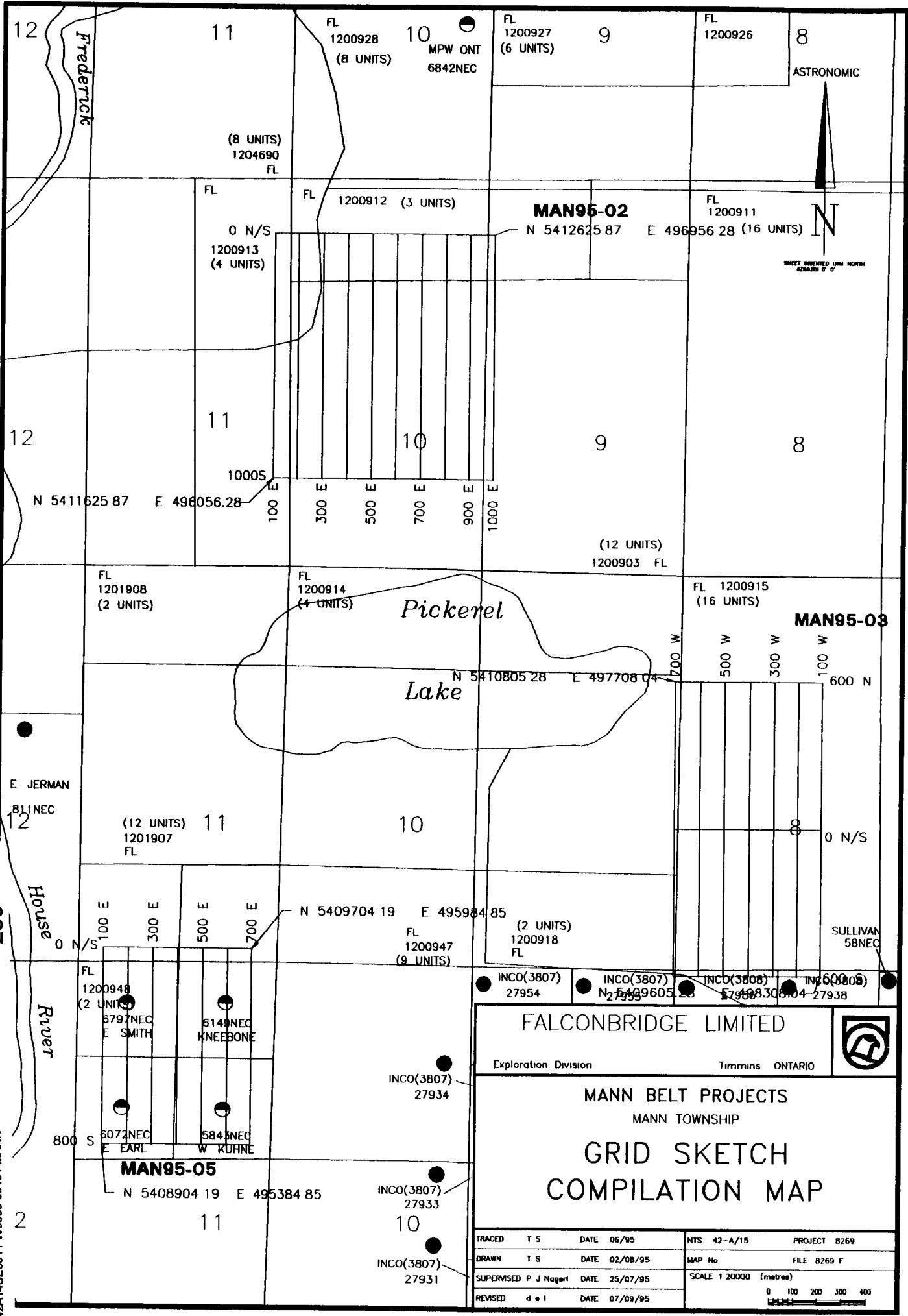
220

ASTRONOMIC



SHEET ORIENTED UTM NORTH
AZIMUTH 000 11'

FALCONBRIDGE LIMITED			
Exploration Division			
MANN BELT PROJECT GRID MAN95-03 MANN TOWNSHIP			
DIAMOND DRILL PLAN			
TRACED	N W G	DATE 09/95	NTS 42-A/14 & 15 PROJECT 8269
DRAWN	N W G	DATE 18/09/95	MAP No FILE MAN9503-
SUPERVISED	P J Hogerl	DATE 13/10/95	SCALE 1:5 000 (metres)
REVISED	d e l	DATE 13/10/95	



230

House River

42A14SE0011 W5560 00461 MANN

INCO(3807) 27954 INCO(3807) 27955 INCO(3807) 27956 INCO(3807) 27938

FALCONBRIDGE LIMITED



Exploration Division Timmins ONTARIO

MANN BELT PROJECTS
MANN TOWNSHIP

GRID SKETCH
COMPILATION MAP

TRACED	T S	DATE	06/95	NTS	42-A/15	PROJECT	B269
DRAWN	T S	DATE	02/08/95	MAP No		FILE	B269 F
SUPERVISED	P J Nagel	DATE	25/07/95	SCALE	1 20000 (metres)		
REVISED	d e l	DATE	07/09/95				