

APPENDICES I-IV TO ACCOMPANY REPORT:

GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL SURVEYS  
AND DIAMOND DRILLING

ECSTALL PROJECT

(RED 1-6,10,13 AND 15, BLUE 1-4, GREEN 1,  
MARIPOSITE 1,2 CLAIMS AND SKINNY FR.)

SKEENA MINING DIVISION

NTS 103H/13E, 14W  
53°52' N, 129°30'W

Owner: KIDD CREEK MINES LTD.,  
C. GRAF (MARIPOSITE 1,2 Claims only)

Operator: FALCONBRIDGE LIMITED

January, 1987

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

F.R. Hassard, P.Eng.  
J. Pattison  
L. Uher

FILMED

15,756

PART  
3 OF 3

APPENDIX I

**PERSONNEL AND MAJOR SUPPLIERS**

PERSONNEL

<u>NAME</u>	<u>POSITION</u>	<u>DATES ON PROPERTY</u>
<b>FALCONBRIDGE LIMITED</b>		
F.R. Hassard	geologist	May 8, June 1, 2, 23-July 3, 20-30, Aug. 11-14, Sept. 4-22, 1986
J. Pattison	geologist	May 30-July 17, July 24-Sept. 22, 1986
L. Uher	geologist	May 8, May 27-July 28, Aug. 6-Sept. 22, 1986
T. Chambers	cook	June 1-July 13, July 20-Aug. 24, 1986
G. Thomassen	prospector	May 27-June 12, 1986
B. Anderson	assistant	May 27-June 12, 1986
A. Freid	assistant	July 29-Aug. 10, 1986
M. Gerencser	assistant	May 27-July 13, July 20-Aug. 27, 1986
S. Mravunac	assistant	May 30-July 17, July 24-Aug. 18, 1986
<b>MARTINSONS LINECUTTING &amp; STAKING LTD.</b>		
F. Martinson	linecutter	June 4-23, 1986
J. Dorian	linecutter	June 4-23, 1986
M. Nabess	linecutter	June 4-23, 1986
W. Asure	linecutter	June 4-23, 1986
<b>DELTA GEOSCIENCE LTD.</b>		
G.A. Hendrickson	geophysicist	July 5-23, 1986
T. Huttemann	geophysicist	July 5-28, 1986
S. Cosman	geophysicist	July 5-28, 1986
E. Hards	geophysicist	July 5-28, 1986
<b>F. BOISVENU DIAMOND DRILLING LTD.</b>		
R. James	foreman	Sept. 4-22, 1986
L. James	driller	Sept. 4-22, 1986
E. Durette	driller	Sept. 4-22, 1986
A. Cockerill	helper	Sept. 4-22, 1986
D. Green	helper	Sept. 4-22, 1986
B. Leggee	cook	Sept. 4-22, 1986

MAJOR SUPPLIERS

**FIXED-WING AIRCRAFT**

Canadian Pacific Airlines Ltd.  
Vancouver, Prince Rupert and Terrace, B.C.

North Coast Air Services Ltd.  
Prince Rupert, B.C.

Pacific Western Airlines Ltd.  
Vancouver, B.C.

Trans Provincial Airlines Ltd.  
Prince Rupert, B.C.

**HELICOPTERS**

Okanagan Helicopters Ltd.  
Terrace, B.C.

**BARGE TRANSPORTATION**

Wainwright Marine Services Ltd.  
Prince Rupert, B.C.

**GROCERIES**

Overwaitea Foods Ltd.  
Prince Rupert and Terrace, B.C.

**ANALYTICAL SERVICES**

Bondar-Clegg & Company Ltd.  
North Vancouver, B.C.

X-Ray Assay Laboratories Limited  
Don Mills, Ont.

**FUEL**

Chevron Canada Limited  
Prince Rupert, B.C.

APPENDIX II

WHOLE ROCK ANALYSES

### WHOLE ROCK ANALYSES

All analyses were performed by X-Ray Assay Laboratories Ltd. of Don Mills, Ontario. Major oxides plus Rb, Sr, Y, Zr, Nb and Ba were determined by X-ray fluorescence. Major oxides are reported as weight percent and all iron is expressed as  $Fe_2O_3$ . Gold is reported in parts per billion and the remaining elements in parts per million. Trace and rare earth elements were analyzed as follows:

ELEMENT	METHOD	DETECTION LIMIT
Au	NA	10 ppb
Au	FA, DCP	1 ppb
V	DCP	10 ppm
Cr	NA	2 ppm
Mn	DCP	2 ppm
Co	NA	1 ppm
Ni	DCP	1 ppm
Cu	DCP	0.5 ppm
Zn	DCP	0.5 ppm
Ge	DCP	10 ppm
As	NA	2 ppm
Se	NA	3 ppm
Mo	NA	5 ppm
Ag	DCP	0.5 ppm
Cd	DCP	0.2 ppm
Cs	NA	0.5 ppm
La	NA	0.5 ppm
Ce.	NA	3 ppm
Nd	NA	5 ppm
Sm	NA	0.1 ppm
Eu	NA	0.2 ppm
Yb	NA	0.2 ppm
Lu	NA	0.05 ppm
Hf	NA	1 ppm
Pb	DCP	2 ppm

AA = Atomic absorption  
DCP = Plasma emission  
FA = Fire assay  
NA = Neutron activation  
N.A. = Not analyzed  
LOI = Loss on ignition

FALCONERIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20701	AB20702	AB20703	AB20704	AB20705	AB20706
SIO2	59.50	61.40	51.00	66.10	62.10	63.80
AL2O3	17.60	10.40	16.20	16.10	15.00	16.60
FE2O3	8.00	13.60	8.31	5.42	6.31	5.39
MNO	0.16	N.A.	0.18	0.14	N.A.	N.A.
MGO	1.66	2.90	8.86	0.39	4.54	1.79
CAO	2.68	0.10	5.92	5.01	4.07	5.42
NA2O	5.20	0.26	2.55	4.35	4.75	3.33
K2O	0.55	2.55	1.36	0.94	0.18	1.04
TIO2	0.28	0.30	0.59	0.18	0.40	0.39
P2O5	0.13	0.05	0.06	0.06	0.07	0.11
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	2.31	8.62	3.08	1.24	1.77	2.31
TOTAL	98.07	100.18	98.11	99.92	99.19	100.18
AU	< 10.00	20.00	20.00	< 10.00	< 10.00	10.00
V	20.00	50.00	260.00	10.00	140.00	90.00
CR	49.00	100.00	490.00	83.00	250.00	94.00
MN	N.A.	290.00	N.A.	N.A.	820.00	730.00
CO	4.00	6.00	32.00	2.00	18.00	11.00
NI	4.00	8.00	100.00	7.00	66.00	8.00
CU	190.00	37.00	85.00	26.00	7.00	130.00
ZN	280.00	680.00	180.00	45.00	76.00	82.00
GE	10.00	< 10.00	< 10.00	< 10.00	< 10.00	10.00
AS	21.00	130.00	10.00	3.00	< 2.00	6.00
SE	9.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	2.00	< 0.20	< 0.20	< 0.20	< 0.20
CS	< 1.50	1.60	< 1.80	< 1.30	< 1.70	1.80
LA	38.60	9.80	5.60	42.00	11.70	20.10
CE	66.00	20.00	15.00	70.00	24.00	30.00
ND	21.00	9.00	5.00	27.00	10.00	12.00
SM	6.10	3.00	2.20	5.90	3.20	2.70
EU	0.80	0.50	0.70	0.80	0.80	0.80
YB	4.10	2.80	2.30	4.00	2.90	1.40
LU	0.82	0.53	0.42	0.75	0.52	0.27
HF	5.00	3.00	2.00	6.00	3.00	2.00
PB	70.00	30.00	22.00	12.00	4.00	8.00
RE	10.00	60.00	30.00	30.00	10.00	30.00
SR	380.00	< 10.00	130.00	720.00	130.00	600.00
Y	40.00	30.00	10.00	40.00	20.00	20.00
ZR	190.00	80.00	20.00	210.00	60.00	50.00
NB	30.00	< 10.00	10.00	20.00	10.00	10.00
BA	7570.00	1640.00	4390.00	620.00	130.00	580.00

FALCONERIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20707	AB20708	AB20709	AB20710	AB20711	AB20712
SiO2	69.20	61.80	81.00	95.70	62.30	89.80
Al2O3	13.90	14.30	8.76	1.94	17.50	3.75
Fe2O3	5.16	7.16	2.92	0.51	5.25	1.30
MNO	N.A.	0.16	N.A.	N.A.	N.A.	N.A.
MGO	2.14	6.59	0.29	0.19	2.50	1.11
CAO	0.50	1.01	0.60	0.04	3.46	0.40
NA2O	0.58	1.10	0.32	0.02	3.40	0.39
K2O	3.24	1.46	2.42	0.40	1.71	0.58
TiO2	0.42	0.56	0.63	0.10	0.43	0.13
P2O5	0.10	0.09	0.07	0.02	0.12	0.03
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	4.47	5.24	2.23	0.62	2.62	0.85
TOTAL	99.71	99.47	99.24	99.54	99.29	98.34
AU	< 10.00	10.00	10.00	< 10.00	< 10.00	10.00
V	80.00	190.00	100.00	50.00	100.00	60.00
CR	140.00	110.00	230.00	190.00	82.00	140.00
MN	420.00	N.A.	150.00	66.00	860.00	250.00
CO	8.00	8.00	9.00	1.00	10.00	4.00
NI	10.00	15.00	21.00	10.00	8.00	55.00
CU	20.00	9.50	20.00	5.50	17.00	23.00
ZN	55.00	200.00	14.00	9.50	81.00	54.00
GE	< 10.00	< 10.00	< 10.00	10.00	< 10.00	10.00
AS	13.00	12.00	< 2.00	< 2.00	3.00	< 2.00
SE	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	1.00	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	1.50	1.50	< 0.90	0.70	2.20	0.80
LA	11.30	8.90	14.80	2.10	18.40	5.10
CE	22.00	19.00	27.00	3.00	30.00	8.00
ND	13.00	9.00	11.00	< 5.00	14.00	< 5.00
SM	3.40	3.10	2.30	0.30	2.60	0.90
EU	0.40	0.60	0.40	< 0.20	0.60	0.40
YB	3.50	2.80	1.50	0.40	1.20	0.60
LU	0.64	0.53	0.30	0.08	0.22	0.12
HF	3.00	3.00	3.00	< 1.00	2.00	1.00
PB	74.00	52.00	12.00	< 2.00	4.00	< 2.00
RB	70.00	30.00	80.00	< 10.00	80.00	40.00
SR	50.00	50.00	20.00	60.00	390.00	90.00
Y	30.00	20.00	20.00	< 10.00	10.00	< 10.00
ZR	80.00	70.00	60.00	< 10.00	50.00	< 10.00
NB	20.00	20.00	10.00	10.00	< 10.00	20.00
BA	1160.00	640.00	2040.00	6050.00	760.00	9120.00



FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20713	AB20714	AB20715	AB20716	AB20717	AB20718
SiO2	90.30	75.30	76.70	33.10	70.90	62.00
Al2O3	4.33	12.20	12.90	19.20	11.90	18.30
Fe2O3	1.08	2.36	1.53	13.70	4.04	5.33
MNO	N.A.	N.A.	N.A.	0.20	N.A.	N.A.
MGO	0.97	0.93	0.63	12.70	2.33	2.26
CAO	0.36	1.54	0.14	5.21	4.97	3.90
NA2O	0.09	4.81	0.56	1.65	1.02	4.38
K2O	1.41	1.08	3.53	0.91	1.58	1.30
TiO2	0.22	0.28	0.44	1.17	0.26	0.38
P2O5	0.12	0.21	0.04	0.12	0.05	0.21
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOT	0.70	1.24	2.62	8.85	2.08	1.85
TOTAL	99.58	99.94	99.09	96.81	99.13	99.91
AU	< 10.00	< 10.00	20.00	< 10.00	< 10.00	< 10.00
V	90.00	40.00	290.00	250.00	10.00	100.00
CR	220.00	120.00	190.00	660.00	100.00	86.00
MN	360.00	420.00	80.00	N.A.	830.00	590.00
CO	11.00	4.00	1.00	48.00	3.00	12.00
NI	43.00	11.00	7.00	240.00	14.00	13.00
CU	27.00	7.00	9.00	24.00	1.00	40.00
ZN	63.00	61.00	37.00	210.00	75.00	50.00
GE	< 10.00	10.00	10.00	10.00	< 10.00	< 10.00
AS	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SE	< 3.00	< 3.00	< 3.00	4.00	< 3.00	< 3.00
MO	7.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	0.90	1.60	< 1.10	2.40	< 0.90	< 1.40
LA	10.10	19.50	9.50	4.40	18.30	48.50
CE	23.00	35.00	16.00	12.00	42.00	70.00
ND	11.00	15.00	7.00	< 5.00	21.00	26.00
SM	2.20	3.80	1.70	2.20	6.00	4.80
EU	0.60	0.40	0.40	0.90	0.80	1.00
YB	1.10	3.00	0.80	1.30	6.80	2.70
LJ	0.21	0.60	0.15	0.22	1.29	0.51
HF	1.00	5.00	1.00	1.00	6.00	4.00
PB	< 2.00	4.00	24.00	4.00	< 2.00	6.00
RB	50.00	30.00	70.00	30.00	50.00	50.00
SR	10.00	390.00	80.00	140.00	120.00	400.00
Y	10.00	60.00	< 10.00	10.00	80.00	< 10.00
ZR	20.00	140.00	10.00	20.00	170.00	110.00
NB	10.00	10.00	10.00	20.00	20.00	10.00
BA	860.00	1310.00	1730.00	690.00	370.00	920.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20719	AB20720	AB20721	AB20722	AB20723	AB20724
SiO2	48.30	45.90	93.70	50.50	47.10	98.00
Al2O3	24.80	16.70	2.31	14.70	16.60	0.30
Fe2O3	6.87	10.00	1.16	12.40	10.70	0.28
MNO	N.A.	N.A.	N.A.	0.19	0.28	N.A.
MGO	0.75	5.74	0.89	4.22	7.67	0.02
CAO	5.00	6.48	0.15	9.00	10.60	0.09
NA2O	4.07	3.48	0.09	3.31	2.91	0.04
K2O	3.22	1.62	0.33	0.54	0.33	0.06
TiO2	1.37	1.01	0.14	2.59	1.55	0.06
P2O5	0.18	0.17	0.03	0.57	0.17	0.02
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	4.62	7.62	0.93	0.93	1.08	0.39
TOTAL	99.18	98.72	99.73	98.95	98.99	99.26
AU	< 10.00	40.00	30.00	10.00	10.00	10.00
V	560.00	310.00	70.00	350.00	290.00	< 10.00
CR	370.00	380.00	160.00	220.00	300.00	180.00
MN	58.00	750.00	220.00	N.A.	N.A.	20.00
CO	57.00	29.00	5.00	29.00	44.00	1.00
NI	200.00	86.00	13.00	110.00	120.00	8.00
CU	120.00	69.00	55.00	24.00	25.00	1.00
ZN	120.00	120.00	39.00	100.00	83.00	2.50
GE	10.00	10.00	10.00	< 10.00	20.00	10.00
AS	26.00	4.00	< 2.00	< 2.00	< 2.00	< 2.00
SE	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	21.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	3.10	3.30	1.00	< 1.70	< 1.70	< 0.50
LA	10.60	5.90	7.40	24.60	7.70	2.70
CE	14.00	20.00	19.00	54.00	22.00	6.00
ND	11.00	10.00	5.00	32.00	15.00	< 5.00
SM	3.50	2.80	1.50	8.20	4.10	0.30
EU	1.40	1.00	0.20	1.50	1.10	< 0.20
YB	2.70	2.60	0.70	4.40	2.80	0.20
LU	0.61	0.51	0.14	0.73	0.50	< 0.05
HF	3.00	2.00	1.00	6.00	4.00	1.00
PE	6.00	6.00	4.00	4.00	8.00	6.00
RB	90.00	50.00	20.00	10.00	< 10.00	< 10.00
SR	450.00	120.00	20.00	300.00	410.00	< 10.00
Y	20.00	30.00	< 10.00	40.00	20.00	10.00
ZR	70.00	60.00	20.00	270.00	100.00	40.00
NB	10.00	< 10.00	10.00	20.00	30.00	< 10.00
BA	540.00	250.00	870.00	130.00	280.00	120.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20725	AB20726	AB20727	AB20728	AB20730	AB20733
SiO2	63.50	54.90	48.60	81.10	19.00	75.20
Al2O3	14.20	15.70	18.40	6.57	2.38	10.70
Fe2O3	9.05	7.91	10.80	5.09	50.50	4.12
MNO	N.A.	N.A.	0.18	N.A.	N.A.	N.A.
MGO	1.06	3.81	7.49	0.51	0.13	0.75
CAO	0.08	4.59	3.10	0.08	0.23	0.20
NA2O	0.72	2.24	0.96	0.22	0.34	1.57
K2O	3.56	2.67	2.50	1.80	0.41	2.17
TiO2	0.49	0.63	0.91	0.24	0.09	0.44
P2O5	0.06	0.08	0.11	0.04	0.02	0.06
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	6.24	6.00	6.93	3.39	26.93	3.00
TOTAL	98.95	98.53	99.98	99.04	100.03	98.21
AU	40.00	30.00	< 10.00	60.00	70.00	40.00
V	270.00	270.00	310.00	120.00	20.00	190.00
CR	820.00	60.00	71.00	330.00	130.00	490.00
MN	84.00	810.00	N.A.	58.00	26.00	64.00
CO	20.00	24.00	33.00	14.00	23.00	17.00
NI	77.00	35.00	31.00	53.00	< 1.00	65.00
CU	49.00	93.00	26.00	130.00	330.00	72.00
ZN	23.00	60.00	100.00	74.00	1200.00	53.00
GE	10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00
AS	130.00	21.00	16.00	59.00	280.00	110.00
SE	3.00	< 3.00	< 3.00	< 3.00	75.00	< 3.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	4.50	0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	4.00	< 0.20
CS	< 1.60	< 1.50	2.50	< 1.10	2.10	2.40
LA	2.70	3.30	5.80	3.40	4.30	3.50
CE	8.00	12.00	16.00	8.00	7.00	6.00
ND	< 5.00	< 5.00	9.00	< 5.00	5.00	< 5.00
SM	0.90	1.30	2.50	1.20	1.00	0.80
EU	< 0.20	0.60	0.80	0.50	0.30	0.60
YB	0.70	1.50	2.20	1.20	0.60	0.90
LU	0.13	0.30	0.36	0.20	0.07	0.14
HF	1.00	1.00	2.00	< 1.00	1.00	< 1.00
PB	18.00	10.00	< 2.00	22.00	46.00	4.00
RB	110.00	70.00	60.00	90.00	< 10.00	60.00
SR	30.00	40.00	50.00	10.00	< 10.00	90.00
Y	< 10.00	10.00	20.00	< 10.00	< 10.00	10.00
ZR	10.00	50.00	40.00	< 10.00	< 10.00	< 10.00
NB	10.00	10.00	20.00	10.00	10.00	10.00
BA	7930.00	450.00	540.00	870.00	370.00	8570.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20734	AB20735	AB20736	AB20737	AB20739	AB20740
SI02	62.90	51.10	59.20	71.60	59.80	74.30
AL2O3	16.90	16.30	7.21	14.50	15.20	13.40
FE2O3	5.27	9.59	20.30	3.06	7.96	2.13
MNO	N.A.	0.15	N.A.	N.A.	0.14	N.A.
MGO	2.07	4.59	0.19	0.88	3.41	0.56
CAO	1.22	6.00	0.09	0.48	5.89	1.62
NA2O	4.41	4.52	0.77	0.52	1.77	6.19
K2O	2.85	2.31	1.71	4.03	1.12	0.47
TIO2	0.46	1.32	0.21	0.49	0.70	0.26
P2O5	0.19	0.58	0.02	0.25	0.12	0.05
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	2.46	3.23	10.70	3.39	2.70	1.16
TOTAL	98.74	99.70	100.40	99.20	98.81	100.14
AU	20.00	< 10.00	40.00	< 10.00	20.00	10.00
V	120.00	220.00	120.00	340.00	130.00	10.00
CR	72.00	96.00	240.00	320.00	140.00	85.00
MN	740.00	N.A.	40.00	140.00	N.A.	210.00
CO	12.00	28.00	26.00	13.00	15.00	2.00
NI	14.00	51.00	65.00	27.00	15.00	5.00
CU	100.00	130.00	27.00	150.00	60.00	61.00
ZN	78.00	160.00	36.00	61.00	130.00	63.00
GE	< 10.00	< 10.00	10.00	10.00	10.00	< 10.00
AS	13.00	< 2.00	120.00	< 2.00	2.00	< 2.00
SE	< 3.00	< 3.00	< 3.00	5.00	< 3.00	5.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	1.00	< 0.20	< 0.20
CS	3.00	< 2.40	< 1.70	2.60	< 1.90	< 2.40
LA	41.00	35.70	0.70	9.00	11.60	< 0.50
CE	56.00	57.00	< 3.00	16.00	30.00	21.00
ND	15.00	28.00	< 5.00	9.00	16.00	8.00
SM	4.00	5.40	0.20	1.80	3.90	< 0.10
EU	< 0.60	1.50	0.30	0.50	1.40	1.00
YB	1.70	1.30	0.70	1.40	4.20	0.80
LU	0.42	0.23	0.12	0.25	0.80	0.27
HF	3.00	4.00	< 1.00	1.00	2.00	2.00
PB	8.00	2.00	< 2.00	28.00	6.00	6.00
RB	130.00	50.00	70.00	100.00	40.00	20.00
SR	240.00	1030.00	10.00	60.00	260.00	210.00
Y	20.00	10.00	< 10.00	< 10.00	40.00	30.00
ZR	110.00	140.00	< 10.00	40.00	60.00	90.00
NB	20.00	30.00	20.00	10.00	10.00	10.00
BA	1190.00	1020.00	550.00	2010.00	610.00	330.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20741	AB20742	AB20743	AB20744	AB20745	AB20746
SIO2	55.80	39.20	61.00	68.70	64.10	64.50
AL2O3	16.80	12.70	13.30	13.40	16.20	12.20
FE2O3	9.38	11.10	11.90	6.01	5.70	10.40
MNO	N.A.	0.57	N.A.	N.A.	N.A.	N.A.
MGO	6.25	7.55	0.73	1.80	2.77	0.74
CAO	2.66	13.90	0.43	2.98	3.82	< 0.01
NA2O	2.86	0.86	0.27	3.94	4.08	0.22
K2O	1.13	0.10	3.40	1.00	1.27	2.99
TIO2	0.84	1.76	0.50	0.37	0.43	0.46
P2O5	0.12	0.24	0.06	0.07	0.12	0.01
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	3.77	5.16	7.54	1.47	1.62	6.62
TOTAL	99.61	93.14	99.13	99.74	100.11	98.14
AU	< 10.00	1400.00	110.00	< 10.00	< 10.00	20.00
V	190.00	360.00	110.00	30.00	80.00	110.00
CR	110.00	210.00	170.00	120.00	120.00	240.00
MN	840.00	N.A.	100.00	500.00	580.00	88.00
CO	21.00	15.00	33.00	15.00	12.00	12.00
NI	25.00	29.00	11.00	47.00	7.00	21.00
CU	63.00	4900.00	230.00	180.00	180.00	19.00
ZN	190.00	2400.00	55.00	75.00	72.00	90.00
GE	< 10.00	120.00	< 10.00	< 10.00	< 10.00	20.00
AS	3.00	1800.00	79.00	2.00	< 2.00	98.00
SE	< 3.00	10.00	26.00	< 3.00	< 3.00	7.00
MO	6.00	20.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	70.00	3.00	< 0.50	< 0.50	< 0.50
CD	< 0.20	4.40	< 0.20	< 0.20	< 0.20	< 0.20
CS	< 2.20	< 4.40	2.00	2.30	< 2.00	2.60
LA	10.90	21.00	9.30	13.70	15.90	1.40
CE	24.00	32.00	24.00	31.00	27.00	< 3.00
ND	15.00	15.00	6.00	13.00	13.00	< 5.00
SM	3.80	4.80	3.10	4.00	2.50	0.30
EU	1.00	1.30	0.50	1.10	0.90	< 0.20
YB	3.50	3.30	3.70	3.30	1.00	1.60
LU	0.66	0.49	0.67	0.64	0.19	0.34
HF	3.00	4.00	4.00	3.00	2.00	2.00
PB	4.00	1000.00	26.00	6.00	4.00	16.00
RB	60.00	< 10.00	80.00	< 10.00	60.00	70.00
SR	230.00	490.00	30.00	170.00	330.00	< 10.00
Y	30.00	< 10.00	20.00	10.00	< 10.00	10.00
ZR	70.00	130.00	90.00	70.00	60.00	40.00
NB	20.00	30.00	10.00	10.00	20.00	20.00
BA	590.00	48200.00	13000.00	560.00	600.00	19400.00

FALCONERIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20747	AB20748	AB20749	AB20750	AB20751	AB20752
SIO2	53.30	48.10	68.00	67.90	65.00	74.70
AL2O3	16.40	16.50	9.19	16.20	13.70	13.50
FE2O3	10.40	8.04	11.70	2.71	8.19	2.42
MNO	0.17	0.27	N.A.	N.A.	N.A.	N.A.
MGO	6.44	8.76	0.36	0.98	0.98	0.61
CAO	7.38	14.90	0.25	0.25	1.16	1.36
NA2O	2.71	1.29	0.37	1.46	1.98	4.40
K2O	0.52	0.80	2.56	3.20	2.34	1.36
TIO2	0.84	0.50	0.38	0.29	0.66	0.11
P2O5	0.12	0.07	0.01	0.06	0.16	0.06
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	1.85	1.24	6.85	2.77	5.08	1.54
TOTAL	100.13	100.47	99.67	95.82	99.25	100.06
AU	< 10.00	< 10.00	50.00	190.00	< 10.00	20.00
V	340.00	230.00	80.00	90.00	100.00	< 10.00
CR	150.00	420.00	170.00	100.00	140.00	88.00
MN	N.A.	N.A.	60.00	54.00	160.00	640.00
CO	31.00	40.00	18.00	7.00	8.00	2.00
NI	43.00	130.00	12.00	8.00	9.00	3.00
CU	130.00	10.00	340.00	15000.00	40.00	20.00
ZN	98.00	210.00	150.00	46.00	77.00	220.00
GE	< 10.00	< 10.00	10.00	< 10.00	< 10.00	< 10.00
AS	< 2.00	< 2.00	57.00	4.00	10.00	< 2.00
SE	< 3.00	< 3.00	7.00	61.00	< 3.00	< 3.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	1.50	2.00	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	1.20	< 0.20	< 0.20
CS	15400.00	< 2.00	1.80	3.60	< 1.60	< 1.70
LA	7.60	4.40	4.50	7.90	11.70	29.70
CE	17.00	11.00	8.00	16.00	23.00	44.00
ND	9.00	11.00	5.00	8.00	11.00	16.00
SM	2.50	1.60	1.40	1.90	3.60	3.00
EU	1.10	< 0.30	0.30	< 0.30	0.80	0.70
YB	2.60	1.80	1.40	2.20	3.20	1.10
LU	0.45	0.31	0.27	0.40	0.59	0.24
HF	2.00	< 1.00	2.00	2.00	4.00	3.00
PB	4.00	< 2.00	30.00	< 2.00	38.00	4.00
RB	30.00	30.00	40.00	100.00	40.00	60.00
SR	290.00	150.00	10.00	100.00	100.00	160.00
Y	10.00	30.00	< 10.00	< 10.00	20.00	20.00
ZR	20.00	< 10.00	20.00	40.00	100.00	80.00
NB	20.00	10.00	20.00	10.00	20.00	20.00
BA	190.00	480.00	2070.00	870.00	970.00	580.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20753	AB20754	AB20755	AB20760	AB20761	AB20762
SiO2	N.A.	N.A.	N.A.	62.50	47.60	72.90
Al2O3	N.A.	N.A.	N.A.	17.60	16.60	10.50
Fe2O3	N.A.	N.A.	N.A.	4.99	11.50	5.28
MNO	N.A.	N.A.	N.A.	N.A.	0.25	N.A.
MGO	N.A.	N.A.	N.A.	2.95	5.94	3.01
CAO	N.A.	N.A.	N.A.	3.93	8.32	0.35
NA2O	N.A.	N.A.	N.A.	4.31	3.08	0.35
K2O	N.A.	N.A.	N.A.	1.32	0.91	2.23
TiO2	N.A.	N.A.	N.A.	0.44	2.24	0.29
P2O5	N.A.	N.A.	N.A.	0.12	0.36	0.06
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	N.A.	N.A.	N.A.	1.54	1.54	3.85
TOTAL	N.A.	N.A.	N.A.	99.70	98.34	98.82
AU	1700.00	350.00	400.00	< 10.00	< 10.00	10.00
V	< 10.00	< 10.00	290.00	90.00	310.00	80.00
CR	150.00	120.00	100.00	130.00	380.00	180.00
MN	20.00	46.00	70.00	640.00	N.A.	410.00
CO	260.00	2.00	140.00	10.00	31.00	4.00
NI	9.00	50.00	7.00	9.00	100.00	3.00
CU	31000.00	1300.00	2200.00	67.00	16.00	6.00
ZN	2200.00	15000.00	540.00	70.00	98.00	120.00
GE	< 10.00	< 10.00	< 10.00	10.00	< 10.00	20.00
AS	250.00	290.00	71.00	< 2.00	< 2.00	16.00
SE	180.00	57.00	63.00	< 3.00	< 3.00	< 3.00
MO	< 5.00	20.00	6.00	< 5.00	< 5.00	< 5.00
AG	60.00	16.00	49.00	< 0.50	< 0.50	< 0.50
CD	7.60	33.00	1.00	< 0.20	< 0.20	< 0.20
CS	< 2.10	< 2.20	< 1.90	< 1.90	< 1.60	< 0.90
LA	< 0.50	1.40	9.30	18.30	14.20	9.60
CE	< 3.00	< 3.00	20.00	28.00	36.00	22.00
ND	< 5.00	< 5.00	< 5.00	13.00	22.00	11.00
SM	< 0.10	< 0.10	2.40	2.60	5.90	3.40
EU	< 0.20	< 0.20	0.50	0.60	2.00	0.50
YB	< 0.20	< 0.20	2.60	1.60	3.70	3.30
LU	< 0.05	< 0.05	0.44	0.34	0.65	0.60
HF	< 1.00	< 1.00	< 1.00	3.00	6.00	3.00
PB	880.00	340.00	260.00	10.00	4.00	8.00
RB	N.A.	N.A.	N.A.	50.00	40.00	60.00
SR	N.A.	N.A.	N.A.	440.00	420.00	20.00
Y	N.A.	N.A.	N.A.	10.00	30.00	20.00
ZR	N.A.	N.A.	N.A.	70.00	220.00	70.00
NB	N.A.	N.A.	N.A.	20.00	20.00	10.00
BA	N.A.	N.A.	N.A.	680.00	280.00	740.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20763	AB20764	AB20765	AB20768	AB20771	AB20773
SIO2	25.60	49.80	63.90	56.50	73.00	48.30
AL2O3	2.22	14.80	16.10	13.10	12.80	14.70
FE2O3	46.00	10.40	5.28	8.80	3.76	11.20
MNO	N.A.	0.27	N.A.	N.A.	N.A.	0.20
MGO	1.25	6.30	2.18	8.45	0.87	9.62
CAO	0.07	11.90	3.28	4.48	2.68	6.86
NA2O	0.13	2.12	4.43	2.60	4.26	3.30
K2O	0.31	1.37	1.41	0.34	0.80	0.72
TIO2	0.13	0.94	0.59	0.55	0.31	0.79
P2O5	0.02	0.09	0.12	0.09	0.10	0.08
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	24.54	1.16	1.08	3.39	0.47	2.93
TOTAL	100.27	99.15	98.37	98.30	99.05	98.70
AU	40.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00
V	40.00	330.00	110.00	200.00	30.00	290.00
CR	240.00	110.00	170.00	370.00	230.00	110.00
MN	160.00	N.A.	460.00	990.00	460.00	N.A.
CO	53.00	32.00	10.00	45.00	4.00	41.00
NI	7.00	41.00	6.00	110.00	6.00	42.00
CU	2.00	27.00	22.00	9.50	9.50	99.00
ZN	51.00	290.00	53.00	210.00	40.00	84.00
GE	10.00	10.00	10.00	10.00	10.00	< 10.00
AS	99.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SE	39.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	2.00	< 1.70	2.30	1.50	< 1.10	4.30
LA	0.50	8.20	10.90	5.00	17.80	4.90
CE	< 3.00	19.00	24.00	11.00	36.00	14.00
ND	< 5.00	9.00	15.00	5.00	15.00	8.00
SM	0.20	3.00	4.50	1.50	4.60	2.20
EU	< 0.20	1.10	0.80	0.50	1.20	0.60
YB	0.60	2.20	3.70	1.50	5.00	2.00
LU	0.10	0.39	0.72	0.24	0.89	0.35
HF	< 1.00	3.00	4.00	1.00	6.00	3.00
PB	< 2.00	< 2.00	2.00	< 2.00	< 2.00	< 2.00
RB	< 10.00	20.00	40.00	30.00	30.00	40.00
SR	< 10.00	230.00	730.00	110.00	130.00	90.00
Y	< 10.00	20.00	30.00	20.00	30.00	< 10.00
ZR	< 10.00	30.00	100.00	< 10.00	160.00	50.00
NB	30.00	10.00	20.00	10.00	20.00	30.00
BA	230.00	750.00	1030.00	190.00	490.00	140.00



FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20774	AB20775	AB20776	AB20777	AB20778	AB20779
SiO2	15.10	76.70	62.30	56.10	64.70	44.70
Al2O3	9.63	8.47	17.50	14.50	14.10	14.70
Fe2O3	46.40	6.22	5.10	7.54	7.27	8.17
MNO	N.A.	N.A.	N.A.	0.17	N.A.	N.A.
MGO	0.38	0.20	2.76	6.02	0.68	8.53
CAO	0.09	0.05	3.93	7.28	1.37	11.90
NA2O	0.35	0.24	3.94	4.72	1.67	2.42
K2O	2.96	2.37	1.49	0.25	3.26	0.97
TiO2	0.37	0.22	0.41	0.57	0.51	0.89
P2O5	0.02	0.02	0.10	0.10	0.03	0.19
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	24.93	4.24	1.70	1.08	5.00	6.70
TOTAL	100.23	98.72	99.23	98.33	98.59	99.17
AU	70.00	40.00	< 10.00	< 10.00	10.00	< 10.00
V	20.00	< 10.00	80.00	290.00	240.00	220.00
CR	140.00	220.00	130.00	220.00	260.00	350.00
MN	32.00	46.00	770.00	N.A.	160.00	990.00
CO	20.00	1.00	8.00	28.00	27.00	31.00
NI	4.00	4.00	5.00	430.00	39.00	130.00
CU	270.00	79.00	22.00	23.00	71.00	110.00
ZN	14.00	1200.00	71.00	79.00	160.00	71.00
GE	< 10.00	10.00	10.00	10.00	20.00	< 10.00
AS	99.00	37.00	< 2.00	< 2.00	18.00	< 2.00
SE	31.00	3.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	2.50	1.00	< 0.50	< 0.50	1.50	< 0.50
CD	< 0.20	4.00	0.20	0.40	1.80	< 0.20
CS	< 1.70	1.00	< 1.10	< 1.70	< 1.40	1.70
LA	9.80	3.80	16.90	5.90	2.80	11.80
CE	21.00	10.00	27.00	12.00	9.00	22.00
ND	11.00	< 5.00	12.00	9.00	6.00	11.00
SM	2.90	1.20	2.60	2.00	1.30	3.10
EU	0.60	0.40	0.80	0.70	0.20	1.20
YB	2.70	2.50	1.20	1.90	1.50	1.80
LU	0.51	0.48	0.26	0.37	0.20	0.32
HF	3.00	2.00	2.00	1.00	1.00	2.00
PB	40.00	16.00	4.00	< 2.00	72.00	2.00
RB	50.00	50.00	40.00	10.00	60.00	30.00
SR	< 10.00	< 10.00	390.00	220.00	40.00	220.00
Y	< 10.00	< 10.00	10.00	20.00	< 10.00	20.00
ZR	50.00	50.00	60.00	30.00	< 10.00	60.00
NB	20.00	10.00	20.00	10.00	20.00	10.00
BA	820.00	730.00	570.00	70.00	2000.00	240.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20780	AB20781	AB20782	AB20783	AB20784	AB20787
SiO2	83.80	51.30	55.30	64.10	54.60	N.A.
Al2O3	7.05	18.50	15.60	12.90	25.20	N.A.
Fe2O3	2.15	11.90	11.40	8.11	0.52	N.A.
MNO	N.A.	N.A.	0.21	N.A.	N.A.	N.A.
MGO	0.47	5.16	6.85	2.16	1.62	N.A.
CAO	0.42	0.86	0.58	3.27	1.89	N.A.
NA2O	1.72	0.74	0.58	3.21	5.37	N.A.
K2O	1.45	3.00	1.86	0.84	4.12	N.A.
TiO2	0.35	0.91	0.73	0.67	2.04	N.A.
P2O5	0.06	0.12	0.10	0.11	0.05	N.A.
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	1.31	6.62	6.16	3.46	2.77	N.A.
TOTAL	98.78	99.11	99.37	98.83	98.18	N.A.
AU	< 10.00	< 10.00	10.00	< 10.00	< 10.00	N.A.
V	70.00	350.00	280.00	170.00	320.00	N.A.
CR	270.00	140.00	180.00	200.00	350.00	N.A.
MN	84.00	790.00	N.A.	640.00	110.00	N.A.
CO	4.00	30.00	21.00	23.00	1.00	N.A.
NI	11.00	37.00	47.00	46.00	6.00	N.A.
CU	30.00	520.00	610.00	72.00	9.50	N.A.
ZN	39.00	130.00	320.00	93.00	22.00	N.A.
GE	< 10.00	< 10.00	< 10.00	10.00	10.00	N.A.
AS	< 2.00	12.00	8.00	9.00	< 2.00	N.A.
SE	< 3.00	8.00	5.00	< 3.00	< 3.00	N.A.
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	N.A.
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	N.A.
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	N.A.
CS	< 0.90	< 1.50	2.40	< 1.40	2.80	N.A.
LA	7.80	8.00	7.20	10.70	23.70	N.A.
CE	14.00	18.00	15.00	20.00	47.00	N.A.
ND	6.00	12.00	10.00	11.00	25.00	N.A.
SM	1.70	2.90	2.30	3.20	4.90	N.A.
EU	0.30	0.70	0.80	0.80	1.60	N.A.
YB	1.30	2.50	2.00	2.90	2.10	N.A.
LU	0.24	0.46	0.37	0.51	0.42	N.A.
HF	3.00	2.00	1.00	2.00	5.00	N.A.
PB	4.00	30.00	20.00	4.00	< 2.00	N.A.
RB	60.00	50.00	40.00	40.00	150.00	N.A.
SR	50.00	40.00	30.00	130.00	550.00	N.A.
Y	< 10.00	20.00	20.00	20.00	30.00	N.A.
ZR	100.00	40.00	20.00	40.00	180.00	N.A.
NB	30.00	20.00	10.00	10.00	30.00	N.A.
BA	1670.00	920.00	680.00	350.00	3880.00	N.A.

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20788	AB20789	AB20790	AB20791	AB20792	AB20793
SIO2	72.80	44.10	66.90	60.60	69.70	45.70
AL2O3	15.40	16.90	16.20	22.70	14.70	15.90
FE2O3	2.87	8.55	4.15	1.82	3.97	10.90
MNO	0.02	0.15	0.03	0.03	0.03	0.18
MGO	0.45	7.62	1.68	1.18	0.99	10.50
CAO	0.60	10.50	2.98	1.41	0.85	8.35
NA2O	0.51	1.17	5.74	8.28	7.98	2.82
K2O	3.87	0.18	0.30	1.98	0.37	0.28
TIO2	0.57	0.86	0.32	0.14	0.29	0.74
P2O5	0.11	0.07	0.09	0.09	0.04	0.12
CR2O3	0.04	0.04	0.01	< 0.01	0.01	0.07
LOI	2.77	8.77	1.62	1.77	1.08	3.46
TOTAL	100.01	98.91	100.02	100.01	100.01	99.02
AU	N.A.	< 10.00	N.A.	N.A.	N.A.	N.A.
V	N.A.	190.00	N.A.	N.A.	N.A.	N.A.
CR	N.A.	360.00	N.A.	N.A.	N.A.	N.A.
MN	N.A.	840.00	N.A.	N.A.	N.A.	N.A.
CO	N.A.	28.00	N.A.	N.A.	N.A.	N.A.
NI	N.A.	99.00	N.A.	N.A.	N.A.	N.A.
CU	N.A.	47.00	N.A.	N.A.	N.A.	N.A.
ZN	N.A.	110.00	N.A.	N.A.	N.A.	N.A.
GE	N.A.	< 10.00	N.A.	N.A.	N.A.	N.A.
AS	N.A.	12.00	N.A.	N.A.	N.A.	N.A.
SE	N.A.	< 3.00	N.A.	N.A.	N.A.	N.A.
MO	N.A.	< 5.00	N.A.	N.A.	N.A.	N.A.
AG	N.A.	< 0.50	N.A.	N.A.	N.A.	N.A.
CD	N.A.	0.60	N.A.	N.A.	N.A.	N.A.
CS	N.A.	< 0.80	N.A.	N.A.	N.A.	N.A.
LA	N.A.	2.30	N.A.	N.A.	N.A.	N.A.
CE	N.A.	13.00	N.A.	N.A.	N.A.	N.A.
ND	N.A.	< 5.00	N.A.	N.A.	N.A.	N.A.
SM	N.A.	1.50	N.A.	N.A.	N.A.	N.A.
EU	N.A.	0.40	N.A.	N.A.	N.A.	N.A.
YB	N.A.	1.60	N.A.	N.A.	N.A.	N.A.
LU	N.A.	0.29	N.A.	N.A.	N.A.	N.A.
HF	N.A.	1.00	N.A.	N.A.	N.A.	N.A.
PB	N.A.	4.00	N.A.	N.A.	N.A.	N.A.
RB	90.00	20.00	10.00	50.00	10.00	20.00
SR	70.00	180.00	340.00	230.00	110.00	210.00
Y	< 10.00	10.00	10.00	< 10.00	60.00	10.00
ZR	40.00	30.00	110.00	140.00	720.00	20.00
NB	10.00	20.00	10.00	20.00	40.00	10.00
BA	2070.00	110.00	190.00	1820.00	370.00	120.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20794	AB20795	AB20796	AB20797	AB20798	AB20799
SIO2	59.00	49.40	61.20	27.60	52.20	55.10
AL2O3	16.40	16.60	17.70	8.92	15.30	19.00
FE2O3	8.85	9.68	6.01	8.53	8.00	8.21
MNO	0.07	0.19	0.01	0.43	0.12	0.07
MGO	3.45	8.64	1.43	8.87	4.17	6.01
CAO	0.61	6.77	0.63	16.60	6.40	1.22
NA2O	0.43	3.16	0.33	0.52	1.58	2.11
K2O	4.33	1.06	5.67	2.03	3.08	2.86
TIO2	0.74	0.73	1.42	0.67	0.57	0.55
P2O5	0.08	0.17	0.14	0.16	0.08	0.11
CR2O3	0.01	0.02	0.04	0.13	0.04	0.01
LOI	5.77	3.08	4.85	23.77	4.39	5.08
TOTAL	99.74	99.50	99.43	98.23	95.93	100.33
AU	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
V	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MN	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CO	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
NI	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CU	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ZN	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
GE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
AS	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
SE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MO	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
AG	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CD	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CS	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ND	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
SM	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
EU	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
YB	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LU	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
HF	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PB	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RB	110.00	40.00	130.00	80.00	100.00	80.00
SR	30.00	210.00	30.00	180.00	80.00	130.00
Y	20.00	20.00	20.00	20.00	< 10.00	20.00
ZR	10.00	30.00	110.00	50.00	10.00	30.00
NB	20.00	20.00	30.00	20.00	10.00	10.00
BA	2850.00	670.00	5630.00	290.00	530.00	1080.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20800	AB20801	AB20802	AB20803	AB20804	AB20805
SI02	63.00	65.00	63.60	62.30	49.60	76.10
AL203	15.80	16.50	16.70	15.70	17.30	14.10
FE203	9.01	4.38	4.80	6.53	9.49	2.28
MNO	0.14	0.05	0.07	0.11	0.18	N.A.
MGO	3.93	1.18	2.12	3.54	7.21	1.56
CAO	1.86	3.96	2.57	4.07	9.50	0.89
NA2O	0.28	4.80	3.73	3.76	3.71	1.94
K2O	1.89	1.44	2.44	1.14	0.53	0.63
TIO2	0.67	0.54	0.74	0.64	0.75	0.42
P2O5	0.12	0.17	0.18	0.16	0.10	0.06
CR2O3	0.01	0.01	0.01	0.01	0.02	N.A.
LOI	3.70	1.93	2.70	2.00	1.39	1.54
TOTAL	100.41	99.96	99.66	99.96	99.78	99.52
AU	10.00	N.A.	N.A.	N.A.	N.A.	310.00
V	280.00	N.A.	N.A.	N.A.	N.A.	70.00
CR	110.00	N.A.	N.A.	N.A.	N.A.	150.00
MN	860.00	N.A.	N.A.	N.A.	N.A.	98.00
CO	18.00	N.A.	N.A.	N.A.	N.A.	3.00
NI	42.00	N.A.	N.A.	N.A.	N.A.	8.00
CU	37.00	N.A.	N.A.	N.A.	N.A.	8400.00
ZN	230.00	N.A.	N.A.	N.A.	N.A.	33.00
GE	10.00	N.A.	N.A.	N.A.	N.A.	< 10.00
AS	< 2.00	N.A.	N.A.	N.A.	N.A.	< 2.00
SE	< 3.00	N.A.	N.A.	N.A.	N.A.	32.00
MO	< 5.00	N.A.	N.A.	N.A.	N.A.	< 5.00
AG	< 0.50	N.A.	N.A.	N.A.	N.A.	1.50
CD	0.40	N.A.	N.A.	N.A.	N.A.	< 0.20
CS	1.30	N.A.	N.A.	N.A.	N.A.	2.90
LA	5.20	N.A.	N.A.	N.A.	N.A.	16.80
CE	20.00	N.A.	N.A.	N.A.	N.A.	36.00
ND	< 5.00	N.A.	N.A.	N.A.	N.A.	17.00
SM	1.50	N.A.	N.A.	N.A.	N.A.	4.70
EU	0.40	N.A.	N.A.	N.A.	N.A.	0.40
YB	1.50	N.A.	N.A.	N.A.	N.A.	4.70
LU	0.29	N.A.	N.A.	N.A.	N.A.	0.90
HF	1.00	N.A.	N.A.	N.A.	N.A.	4.00
PB	4.00	N.A.	N.A.	N.A.	N.A.	< 2.00
RB	80.00	50.00	90.00	20.00	10.00	< 10.00
SR	60.00	660.00	460.00	250.00	400.00	130.00
Y	10.00	30.00	20.00	40.00	10.00	10.00
ZR	50.00	80.00	120.00	170.00	40.00	90.00
NE	20.00	10.00	10.00	20.00	20.00	10.00
BA	960.00	1760.00	770.00	290.00	140.00	320.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20806	AB20807	AB20808	AB20809	AB20810	AB20811
SIO2	49.00	46.40	76.60	71.00	52.00	53.20
AL2O3	17.70	16.00	13.20	13.40	16.80	17.20
FE2O3	9.98	9.48	1.58	4.31	10.20	9.97
MNO	N.A.	0.26	N.A.	N.A.	0.17	0.20
MGO	2.90	9.37	0.73	1.41	8.65	5.63
CAO	5.87	12.20	0.39	1.34	5.14	6.16
NA2O	5.64	1.21	1.39	4.28	3.22	5.61
K2O	1.57	0.12	3.32	1.22	0.45	0.23
TIO2	0.80	1.72	0.35	0.48	0.61	0.81
P2O5	0.14	0.20	0.03	0.05	0.07	0.09
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	6.47	2.62	2.08	2.46	2.93	1.08
TOTAL	100.07	99.58	99.67	99.96	100.24	100.18
AU	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00
V	220.00	290.00	40.00	60.00	290.00	360.00
CR	50.00	420.00	260.00	180.00	240.00	71.00
MN	650.00	N.A.	120.00	340.00	N.A.	N.A.
CO	34.00	42.00	3.00	7.00	26.00	29.00
NI	22.00	170.00	37.00	7.00	62.00	28.00
CU	180.00	25.00	16.00	130.00	120.00	37.00
ZN	65.00	96.00	99.00	61.00	130.00	130.00
GE	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00
AS	2.00	2.00	< 2.00	< 2.00	< 2.00	< 2.00
SE	14.00	< 3.00	< 3.00	12.00	< 3.00	< 4.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	< 2.20	2.40	< 1.10	< 1.70	2.60	4.10
LA	10.40	7.00	9.80	14.60	4.60	4.50
CE	19.00	25.00	24.00	33.00	13.00	14.00
ND	9.00	14.00	8.00	19.00	8.00	8.00
SM	2.70	4.60	2.60	4.20	1.90	2.10
EU	0.70	1.00	0.50	0.70	0.90	0.80
YB	2.50	3.00	4.00	4.00	2.30	2.50
LU	0.42	0.55	0.79	0.78	0.43	0.53
HF	3.00	4.00	5.00	4.00	3.00	1.00
PB	8.00	8.00	22.00	< 2.00	4.00	2.00
RB	50.00	< 10.00	90.00	30.00	20.00	10.00
SR	160.00	90.00	< 10.00	50.00	130.00	150.00
Y	30.00	50.00	20.00	40.00	30.00	30.00
ZR	50.00	130.00	110.00	100.00	30.00	30.00
NB	20.00	10.00	20.00	< 10.00	< 10.00	20.00
BA	700.00	60.00	660.00	820.00	170.00	120.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20812	AB20813	AB20814	AB20815	AB20816	AB20817
SIO2	50.90	45.30	67.60	81.30	53.60	77.00
AL2O3	24.90	14.50	12.30	11.50	16.90	12.30
FE2O3	4.88	10.60	7.52	0.48	8.60	1.78
MNO	N.A.	0.16	N.A.	N.A.	0.16	0.04
MGO	1.55	13.40	4.23	0.46	6.56	0.80
CAO	2.77	7.76	0.31	0.41	6.12	2.07
NA2O	5.24	2.21	0.57	1.30	4.27	1.62
K2O	3.78	0.16	2.28	2.66	0.31	2.20
TIO2	1.29	0.89	0.36	0.07	0.99	0.07
P2O5	0.36	0.15	0.08	0.03	0.08	0.04
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	0.01
LOI	3.70	3.85	4.62	1.70	2.54	1.70
TOTAL	99.37	98.98	99.87	99.91	100.13	99.63
AU	< 10.00	< 10.00	50.00	< 10.00	10.00	N.A.
V	530.00	270.00	50.00	20.00	360.00	N.A.
CR	350.00	850.00	110.00	160.00	100.00	N.A.
MN	110.00	N.A.	740.00	60.00	N.A.	N.A.
CO	31.00	58.00	11.00	1.00	20.00	N.A.
NI	110.00	270.00	7.00	6.00	27.00	N.A.
CU	170.00	4.00	430.00	10.00	69.00	N.A.
ZN	50.00	89.00	250.00	20.00	61.00	N.A.
GE	10.00	10.00	10.00	10.00	< 10.00	N.A.
AS	2.00	< 2.00	14.00	< 2.00	< 2.00	N.A.
SE	8.00	< 4.00	< 3.00	< 3.00	< 4.00	N.A.
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	N.A.
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	N.A.
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	N.A.
CS	< 2.40	< 2.00	1.40	1.50	< 2.20	N.A.
LA	11.90	10.30	12.70	10.20	5.10	N.A.
CE	22.00	25.00	28.00	23.00	14.00	N.A.
ND	17.00	13.00	14.00	10.00	9.00	N.A.
SM	3.20	3.10	4.30	3.80	2.10	N.A.
EU	0.60	0.70	1.00	0.40	1.10	N.A.
YB	2.00	1.80	4.60	5.70	2.70	N.A.
LU	0.40	0.30	0.89	1.11	0.47	N.A.
HF	3.00	1.00	3.00	3.00	3.00	N.A.
PB	4.00	< 2.00	2.00	2.00	10.00	N.A.
RB	110.00	10.00	60.00	60.00	10.00	70.00
SR	220.00	200.00	< 10.00	10.00	200.00	20.00
Y	20.00	10.00	30.00	90.00	20.00	60.00
ZR	70.00	30.00	90.00	40.00	40.00	40.00
NB	10.00	10.00	20.00	10.00	20.00	10.00
BA	1630.00	120.00	570.00	990.00	150.00	870.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.-->	AB20818	AB20819	AB20820	AB20821	AB20822	AB20824
SIO2	73.30	52.80	54.60	50.30	46.10	36.50
AL2O3	12.70	16.30	13.30	16.30	15.50	6.88
FE2O3	4.90	11.50	14.70	10.10	13.10	36.20
MNO	N.A.	N.A.	0.17	0.21	0.20	N.A.
MGO	1.33	7.48	7.34	7.63	12.60	0.79
CAO	0.24	2.43	2.65	8.25	5.31	5.64
NA2O	1.38	2.34	1.09	4.37	1.78	0.19
K2O	3.05	0.47	0.47	0.31	0.31	0.01
TIO2	0.08	0.78	0.98	0.57	0.60	0.22
P2O5	0.04	0.08	0.10	0.08	0.03	0.03
CR2O3	N.A.	N.A.	N.A.	N.A.	0.05	N.A.
LOI	2.93	5.85	4.24	1.16	4.16	13.80
TOTAL	99.95	100.03	99.64	99.28	99.74	100.26
AU	10.00	< 10.00	10.00	< 10.00	N.A.	80.00
V	40.00	340.00	280.00	310.00	N.A.	110.00
CR	180.00	160.00	140.00	130.00	N.A.	170.00
MN	230.00	500.00	N.A.	N.A.	N.A.	410.00
CO	28.00	32.00	21.00	34.00	N.A.	310.00
NI	6.00	33.00	12.00	51.00	N.A.	48.00
CU	570.00	650.00	210.00	13.00	N.A.	2900.00
ZN	66.00	55.00	1000.00	130.00	N.A.	36.00
GE	< 10.00	< 10.00	10.00	< 10.00	N.A.	< 10.00
AS	< 2.00	< 2.00	< 2.00	< 2.00	N.A.	7.00
SE	11.00	16.00	8.00	< 3.00	N.A.	110.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	N.A.	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	N.A.	0.50
CD	< 0.20	< 0.20	3.00	< 0.20	N.A.	< 0.20
CS	1.90	< 2.00	< 1.70	< 2.20	N.A.	< 1.10
LA	24.70	6.40	7.30	5.30	N.A.	5.50
CE	54.00	14.00	15.00	13.00	N.A.	11.00
ND	28.00	8.00	9.00	11.00	N.A.	6.00
SM	7.80	2.40	2.80	1.90	N.A.	2.00
EU	0.70	0.60	0.80	0.80	N.A.	0.70
YB	5.50	2.70	2.80	1.70	N.A.	2.00
LU	1.02	0.49	0.51	0.37	N.A.	0.37
HF	3.00	1.00	2.00	< 1.00	N.A.	1.00
PB	8.00	< 2.00	2.00	2.00	N.A.	< 2.00
RB	70.00	< 10.00	< 10.00	30.00	20.00	< 10.00
SR	20.00	110.00	< 10.00	230.00	10.00	110.00
Y	60.00	< 10.00	< 10.00	20.00	20.00	< 10.00
ZR	50.00	20.00	40.00	10.00	20.00	< 10.00
NB	30.00	20.00	30.00	< 10.00	< 10.00	20.00
BA	1050.00	230.00	220.00	150.00	180.00	100.00



FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20846	AB20847	AB20848	AB20849	AB20850	AB20851
SiO2	42.50	49.50	49.50	48.00	49.20	N.A.
Al2O3	18.00	18.90	18.40	17.80	17.50	N.A.
Fe2O3	12.70	10.40	9.68	10.60	10.40	N.A.
MnO	0.20	0.15	0.18	0.18	0.26	N.A.
MgO	8.99	7.21	5.65	6.43	6.05	N.A.
CaO	11.50	2.95	10.10	9.44	9.53	N.A.
Na2O	1.87	3.38	3.11	3.90	3.02	N.A.
K2O	0.34	2.50	0.68	0.20	0.29	N.A.
TiO2	0.90	0.88	0.88	0.80	0.86	N.A.
P2O5	0.12	0.07	0.15	0.09	0.13	N.A.
CR2O3	< 0.01	< 0.01	0.01	0.01	0.01	N.A.
LOI	2.23	2.31	1.54	1.62	3.08	N.A.
TOTAL	99.36	98.26	99.88	99.07	100.33	N.A.
AU	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
V	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MN	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CO	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
NI	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CU	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ZN	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
GE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
AS	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
SE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MO	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
AG	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CD	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CS	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ND	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
SM	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
EU	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
YB	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LU	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
HF	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PB	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RB	30.00	50.00	20.00	20.00	20.00	N.A.
SR	270.00	220.00	330.00	300.00	310.00	N.A.
Y	20.00	20.00	20.00	10.00	30.00	N.A.
ZR	40.00	40.00	60.00	20.00	50.00	N.A.
NB	20.00	30.00	20.00	10.00	20.00	N.A.
BA	120.00	720.00	290.00	70.00	120.00	N.A.

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20852	AB20853	AB20854	AB20855	AB20856	AB20857
SIO2	59.50	75.00	56.20	48.60	76.30	74.70
AL2O3	17.70	13.90	17.80	17.80	14.20	14.40
FE2O3	8.15	1.82	9.14	10.60	1.19	2.13
MNO	N.A.	N.A.	N.A.	0.27	N.A.	N.A.
MGO	3.68	0.32	4.41	8.99	0.25	0.23
CAO	2.74	1.09	3.27	4.58	1.53	1.19
NA2O	3.32	4.87	4.50	2.33	3.51	4.60
K2O	1.29	1.23	0.46	0.47	1.70	1.27
TIO2	0.59	0.11	0.94	0.87	0.09	0.11
P2O5	0.11	0.08	0.11	0.40	0.08	0.09
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	3.23	1.54	3.08	4.77	1.16	1.39
TOTAL	100.32	99.96	99.91	99.68	100.01	100.11
AU	< 10.00	< 10.00	< 10.00	10.00	< 10.00	< 10.00
V	150.00	10.00	220.00	250.00	< 10.00	< 10.00
CR	70.00	68.00	100.00	66.00	79.00	72.00
MN	940.00	110.00	830.00	N.A.	140.00	440.00
CO	15.00	5.00	25.00	29.00	1.00	2.00
NI	8.00	9.00	20.00	19.00	7.00	9.00
CU	0.50	61.00	140.00	38.00	2.00	6.50
ZN	63.00	17.00	86.00	130.00	21.00	53.00
GE	< 10.00	10.00	< 10.00	< 10.00	< 10.00	< 10.00
AS	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SE	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	< 1.40	1.20	2.50	2.00	< 0.90	1.40
LA	15.20	18.70	6.50	93.30	25.50	26.10
CE	28.00	33.00	17.00	131.00	45.00	44.00
ND	14.00	14.00	10.00	50.00	18.00	19.00
SM	3.60	2.80	2.70	9.00	3.70	3.80
EU	1.20	0.40	0.90	1.40	0.50	0.60
YB	2.60	0.50	2.50	2.50	0.60	0.80
LU	0.39	0.11	0.45	0.42	0.11	0.17
HF	4.00	3.00	2.00	3.00	3.00	3.00
PB	4.00	8.00	8.00	4.00	10.00	8.00
RB	60.00	40.00	20.00	40.00	40.00	50.00
SR	250.00	280.00	210.00	330.00	160.00	170.00
Y	20.00	< 10.00	30.00	20.00	10.00	< 10.00
ZR	100.00	60.00	70.00	130.00	70.00	80.00
NB	20.00	20.00	30.00	40.00	10.00	30.00
BA	430.00	1620.00	240.00	350.00	550.00	450.00

## FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

## ECSTALL RIVER PROPERTY

SAMP NO.->	AB20858	AB20860	AB20861	AB20862	AB20863	AB20864
SiO2	78.80	47.80	77.30	73.90	59.80	69.00
Al2O3	8.48	6.51	12.90	14.60	18.10	19.90
Fe2O3	4.69	31.00	2.46	2.39	9.84	1.07
MnO	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MgO	1.06	1.29	0.20	0.27	2.07	0.29
CaO	0.66	0.39	0.19	1.19	0.10	0.09
Na2O	0.18	0.49	0.46	4.53	0.83	0.84
K2O	2.26	1.51	3.32	1.70	3.84	4.96
TiO2	0.37	0.34	0.58	0.12	0.95	0.83
P2O5	0.29	0.04	0.08	0.09	0.11	0.07
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	2.93	10.77	2.62	1.16	4.47	2.85
TOTAL	99.72	100.14	100.11	99.95	100.11	99.90
AU	< 10.00	10.00	20.00	10.00	10.00	< 10.00
V	2900.00	150.00	120.00	< 10.00	260.00	210.00
CR	420.00	190.00	88.00	61.00	52.00	48.00
MN	140.00	210.00	48.00	300.00	510.00	38.00
CO	4.00	72.00	3.00	3.00	4.00	2.00
NI	43.00	380.00	7.00	7.00	4.00	6.00
CU	84.00	1200.00	5.50	44.00	15.00	< 0.50
ZN	510.00	240.00	12.00	34.00	140.00	16.00
GE	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	10.00
AS	< 2.00	11.00	15.00	< 2.00	< 2.00	7.00
SE	86.00	18.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	51.00	13.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	2.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	4.60	2.00	< 0.20	< 0.20	< 0.20	< 0.20
CS	2.50	< 1.50	1.70	< 1.00	3.30	2.10
LA	46.60	8.30	8.30	19.10	8.60	7.50
CE	47.00	11.00	14.00	30.00	18.00	14.00
ND	40.00	9.00	7.00	13.00	6.00	9.00
SM	8.80	1.50	1.80	2.40	1.90	1.80
EU	1.20	0.20	0.50	0.40	0.40	0.40
YB	6.50	0.90	1.60	0.60	2.30	2.00
LU	1.17	0.13	0.31	0.13	0.43	0.37
HF	4.00	1.00	3.00	3.00	3.00	3.00
PB	2.00	< 2.00	22.00	4.00	10.00	16.00
RB	60.00	< 10.00	100.00	60.00	150.00	160.00
SR	30.00	10.00	40.00	180.00	40.00	80.00
Y	100.00	< 10.00	30.00	10.00	10.00	10.00
ZR	140.00	10.00	70.00	80.00	60.00	90.00
NB	10.00	20.00	20.00	20.00	20.00	10.00
BA	1380.00	770.00	490.00	600.00	510.00	530.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20865	AB20866	AB20867	AB20868	AB20869	AB20870
SIO2	75.60	79.10	N.A.	85.10	63.30	67.50
AL2O3	15.20	13.40	N.A.	8.56	18.40	15.00
FE2O3	1.54	1.99	N.A.	0.57	4.61	5.71
MNO	N.A.	N.A.	N.A.	N.A.	N.A.	0.04
MGO	0.16	0.34	N.A.	0.19	1.89	1.76
CAO	0.09	0.12	N.A.	1.09	0.08	0.41
NA2O	0.66	0.75	N.A.	2.67	0.42	0.73
K2O	3.69	2.34	N.A.	0.66	4.77	4.02
TIO2	0.65	0.11	N.A.	0.18	0.81	0.49
P2O5	0.09	0.06	N.A.	0.04	0.07	0.17
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	2.54	1.93	N.A.	0.54	5.47	3.54
TOTAL	100.22	100.14	N.A.	99.60	99.81	99.37
AU	< 10.00	< 10.00	N.A.	< 10.00	< 10.00	N.A.
V	150.00	< 10.00	N.A.	20.00	210.00	N.A.
CR	65.00	58.00	N.A.	220.00	93.00	N.A.
MN	28.00	200.00	N.A.	50.00	270.00	N.A.
CO	2.00	1.00	N.A.	1.00	13.00	N.A.
NI	6.00	6.00	N.A.	9.00	9.00	N.A.
CU	3.00	< 0.50	N.A.	13.00	72.00	N.A.
ZN	13.00	32.00	N.A.	10.00	370.00	N.A.
GE	< 10.00	< 10.00	N.A.	< 10.00	< 10.00	N.A.
AS	7.00	< 2.00	N.A.	< 2.00	< 2.00	N.A.
SE	< 3.00	< 3.00	N.A.	< 3.00	4.00	N.A.
MO	< 5.00	< 5.00	N.A.	< 5.00	< 5.00	N.A.
AG	< 0.50	< 0.50	N.A.	< 0.50	< 0.50	N.A.
CD	< 0.20	< 0.20	N.A.	< 0.20	1.00	N.A.
CS	3.00	1.40	N.A.	< 1.30	3.00	N.A.
LA	8.90	29.00	N.A.	2.30	11.70	N.A.
CE	18.00	46.00	N.A.	12.00	27.00	N.A.
ND	10.00	14.00	N.A.	< 5.00	13.00	N.A.
SM	2.60	3.10	N.A.	1.50	3.30	N.A.
EU	0.80	0.50	N.A.	< 0.30	0.60	N.A.
YB	2.00	0.90	N.A.	5.90	2.20	N.A.
LU	0.38	0.18	N.A.	1.03	0.38	N.A.
HF	2.00	3.00	N.A.	4.00	3.00	N.A.
PB	18.00	8.00	N.A.	< 2.00	130.00	N.A.
RB	100.00	70.00	N.A.	30.00	160.00	150.00
SR	50.00	60.00	N.A.	80.00	50.00	40.00
Y	20.00	< 10.00	N.A.	60.00	20.00	20.00
ZR	60.00	60.00	N.A.	100.00	80.00	110.00
NB	20.00	10.00	N.A.	10.00	10.00	10.00
BA	430.00	570.00	N.A.	350.00	610.00	1980.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20871	AB20872	AB20873	AB20874	AB20875	AB20876
STO2	68.80	65.60	62.60	61.20	65.10	74.50
AL2O3	15.70	16.10	17.20	18.20	13.10	14.60
FE2O3	3.25	4.43	5.34	6.78	6.90	2.67
MNO	0.03	0.01	0.03	0.01	N.A.	0.15
MGO	1.42	0.95	2.07	0.52	1.11	0.90
CAO	1.13	1.26	0.75	0.17	0.45	0.89
NA2O	7.08	0.16	0.48	0.43	0.50	0.80
K2O	0.41	4.94	5.35	5.13	4.96	2.67
TIO2	0.36	0.81	0.56	0.80	1.14	0.12
P2O5	0.11	0.24	0.05	0.15	0.21	0.06
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	1.62	4.39	4.62	6.00	5.16	2.39
TOTAL	99.91	98.89	99.05	99.39	98.63	99.75
AU	N.A.	N.A.	4.00	14.00	30.00	< 10.00
V	N.A.	N.A.	N.A.	N.A.	160.00	< 10.00
CR	N.A.	N.A.	N.A.	N.A.	400.00	110.00
MN	N.A.	N.A.	N.A.	N.A.	74.00	N.A.
CO	N.A.	N.A.	N.A.	N.A.	22.00	2.00
NI	N.A.	N.A.	N.A.	N.A.	92.00	12.00
CU	N.A.	N.A.	200.00	180.00	29.00	4.50
ZN	N.A.	N.A.	23.00	1300.00	60.00	77.00
GE	N.A.	N.A.	N.A.	N.A.	< 10.00	< 10.00
AS	N.A.	N.A.	N.A.	N.A.	12.00	< 2.00
SE	N.A.	N.A.	N.A.	N.A.	< 3.00	< 3.00
MO	N.A.	N.A.	N.A.	N.A.	< 5.00	< 5.00
AG	N.A.	N.A.	1.00	5.00	1.00	< 0.50
CD	N.A.	N.A.	N.A.	N.A.	< 0.20	< 0.20
CS	N.A.	N.A.	N.A.	N.A.	1.90	1.30
LA	N.A.	N.A.	N.A.	N.A.	20.60	36.30
CE	N.A.	N.A.	N.A.	N.A.	32.00	61.00
ND	N.A.	N.A.	N.A.	N.A.	14.00	22.00
SM	N.A.	N.A.	N.A.	N.A.	3.20	3.80
EU	N.A.	N.A.	N.A.	N.A.	0.80	0.80
YB	N.A.	N.A.	N.A.	N.A.	1.80	1.30
LU	N.A.	N.A.	N.A.	N.A.	0.35	0.22
HF	N.A.	N.A.	N.A.	N.A.	3.00	3.00
PB	N.A.	N.A.	< 2.00	870.00	20.00	8.00
RB	30.00	160.00	150.00	170.00	110.00	90.00
SR	240.00	60.00	< 10.00	50.00	70.00	110.00
Y	50.00	20.00	20.00	< 10.00	20.00	20.00
ZR	510.00	170.00	< 10.00	80.00	100.00	90.00
NB	30.00	20.00	10.00	< 10.00	20.00	20.00
BA	310.00	2250.00	3370.00	700.00	4450.00	740.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20877	AB20878	AB20879	AB20880	AB20881	AB20882
SIO2	64.10	77.90	76.80	46.40	46.90	73.30
AL2O3	15.90	14.30	13.50	24.00	16.00	16.30
FE2O3	5.44	1.08	1.44	15.60	6.67	2.17
MNO	N.A.	N.A.	0.05	0.17	0.16	0.04
MGO	1.74	0.14	0.13	1.79	4.14	0.32
CAO	2.07	0.16	0.90	0.70	6.79	1.19
NA2O	5.17	0.56	4.78	0.35	2.61	1.38
K2O	1.34	3.19	1.37	4.81	3.77	1.89
TIO2	0.72	0.14	0.09	1.12	0.53	0.14
P2O5	0.24	0.05	0.08	0.24	0.06	0.09
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	3.16	2.08	1.08	3.70	11.23	2.93
TOTAL	99.88	99.60	100.22	98.88	98.86	99.75
AU	< 10.00	< 10.00	N.A.	< 10.00	< 10.00	N.A.
V	60.00	< 10.00	N.A.	180.00	260.00	N.A.
CR	130.00	89.00	N.A.	86.00	270.00	N.A.
MN	270.00	88.00	N.A.	N.A.	N.A.	N.A.
CO	6.00	< 1.00	N.A.	17.00	27.00	N.A.
NI	7.00	5.00	N.A.	51.00	69.00	N.A.
CU	29.00	1.50	N.A.	41.00	83.00	N.A.
ZN	100.00	13.00	N.A.	140.00	73.00	N.A.
GE	< 10.00	10.00	N.A.	10.00	10.00	N.A.
AS	< 2.00	< 2.00	N.A.	< 2.00	39.00	N.A.
SE	< 3.00	< 3.00	N.A.	< 3.00	< 3.00	N.A.
MO	< 5.00	< 5.00	N.A.	< 5.00	< 5.00	N.A.
AG	< 0.50	< 0.50	N.A.	< 0.50	< 0.50	N.A.
CD	< 0.20	< 0.20	N.A.	< 0.20	< 0.20	N.A.
CS	2.50	1.40	N.A.	2.00	0.90	N.A.
LA	52.90	13.10	N.A.	45.10	2.60	N.A.
CE	81.00	19.00	N.A.	127.00	14.00	N.A.
ND	33.00	7.00	N.A.	22.00	< 5.00	N.A.
SM	6.60	1.20	N.A.	7.20	1.30	N.A.
EU	2.40	0.40	N.A.	1.50	0.50	N.A.
YB	2.40	0.80	N.A.	3.90	1.70	N.A.
LU	0.57	0.22	N.A.	0.67	0.26	N.A.
HF	5.00	4.00	N.A.	5.00	< 1.00	N.A.
PB	10.00	10.00	N.A.	8.00	< 2.00	N.A.
RB	50.00	100.00	50.00	110.00	80.00	70.00
SR	340.00	110.00	150.00	130.00	190.00	260.00
Y	20.00	< 10.00	< 10.00	20.00	20.00	30.00
ZR	170.00	80.00	60.00	190.00	20.00	90.00
NB	30.00	10.00	20.00	40.00	20.00	10.00
BA	680.00	510.00	460.00	5340.00	810.00	930.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20883	AB20884	AB20885	AB20886	AB20887	AB20888
SiO2	77.30	78.40	65.00	47.40	42.70	94.10
Al2O3	15.30	13.80	15.20	16.90	13.70	2.01
Fe2O3	0.64	2.18	5.35	8.81	13.40	0.49
MNO	0.02	N.A.	N.A.	N.A.	0.18	N.A.
MGO	0.13	0.12	3.13	6.82	5.77	0.11
CAO	0.43	0.10	1.47	4.88	9.98	1.82
NA2O	0.83	0.35	3.99	4.14	4.76	0.09
K2O	2.88	2.75	1.17	1.04	1.50	0.12
TiO2	0.13	0.13	0.61	1.88	2.10	0.08
P2O5	0.06	0.07	0.14	0.51	1.09	0.09
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	2.16	1.85	3.08	5.93	3.62	0.39
TOTAL	99.88	99.75	99.14	98.31	98.80	99.30
AU	N.A.	10.00	10.00	< 10.00	< 10.00	< 10.00
V	N.A.	< 10.00	110.00	240.00	250.00	10.00
CR	N.A.	140.00	110.00	71.00	150.00	300.00
MN	N.A.	200.00	330.00	750.00	N.A.	410.00
CO	N.A.	2.00	9.00	22.00	36.00	4.00
NI	N.A.	5.00	4.00	30.00	66.00	22.00
CU	N.A.	4.00	43.00	33.00	98.00	18.00
ZN	N.A.	15.00	60.00	89.00	300.00	7.50
GE	N.A.	10.00	< 10.00	< 10.00	< 10.00	< 10.00
AS	N.A.	< 2.00	< 2.00	< 2.00	< 2.00	3.00
SE	N.A.	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	N.A.	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	N.A.	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	N.A.	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	N.A.	0.90	1.70	< 1.50	1.50	0.50
LA	N.A.	21.60	9.40	35.70	114.00	6.80
CE	N.A.	53.00	25.00	56.00	167.00	17.00
ND	N.A.	11.00	12.00	25.00	68.00	7.00
SM	N.A.	2.30	2.90	5.80	11.70	1.30
EU	N.A.	0.30	0.50	1.20	1.40	0.20
YB	N.A.	1.10	2.20	2.40	1.80	0.70
LU	N.A.	0.23	0.43	0.43	0.29	0.12
HF	N.A.	2.00	2.00	5.00	6.00	< 1.00
PB	N.A.	10.00	< 2.00	< 2.00	10.00	< 2.00
RB	100.00	80.00	30.00	40.00	40.00	10.00
SR	140.00	40.00	180.00	360.00	1940.00	10.00
Y	< 10.00	10.00	20.00	30.00	10.00	10.00
ZR	100.00	70.00	40.00	190.00	200.00	10.00
NB	10.00	10.00	10.00	50.00	60.00	10.00
BA	570.00	370.00	330.00	310.00	630.00	410.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20889	AB20890	AB20891	AB20893	AB20894	AB20895
SiO2	N.A.	77.50	76.50	89.50	60.50	71.70
Al2O3	N.A.	9.46	6.59	3.87	13.60	15.80
Fe2O3	N.A.	3.81	7.86	0.93	6.79	2.11
MNO	N.A.	N.A.	N.A.	0.01	0.30	0.04
MGO	N.A.	2.28	0.38	0.59	5.32	1.86
CAO	N.A.	0.88	0.69	0.22	6.68	1.20
NA2O	N.A.	1.05	0.15	0.44	3.59	2.19
K2O	N.A.	1.56	1.70	0.83	1.39	3.25
TiO2	N.A.	0.48	0.24	0.18	0.61	0.10
P2O5	N.A.	0.08	0.03	0.03	0.11	0.03
CR2O3	N.A.	N.A.	N.A.	0.03	0.01	0.02
LOI	N.A.	1.62	4.54	1.16	0.85	2.00
TOTAL	N.A.	98.72	98.68	97.79	99.75	100.30
AU	N.A.	< 10.00	150.00	10.00	< 10.00	< 10.00
V	N.A.	130.00	170.00	110.00	140.00	10.00
CR	N.A.	280.00	1100.00	270.00	140.00	180.00
MN	N.A.	300.00	140.00	36.00	2200.00	220.00
CO	N.A.	6.00	33.00	3.00	19.00	1.00
NI	N.A.	31.00	160.00	21.00	23.00	4.00
CU	N.A.	57.00	50.00	31.00	13.00	9.50
ZN	N.A.	53.00	130.00	43.00	80.00	60.00
GE	N.A.	< 10.00	10.00	< 10.00	< 10.00	10.00
AS	N.A.	< 2.00	250.00	6.00	< 2.00	< 2.00
SE	N.A.	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
MO	N.A.	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	N.A.	< 0.50	2.50	1.50	< 0.50	< 0.50
CD	N.A.	< 0.20	0.60	0.20	< 0.20	< 0.20
CS	N.A.	1.90	< 0.50	0.80	1.10	1.40
LA	N.A.	14.00	2.10	9.40	10.70	16.60
CE	N.A.	32.00	9.00	22.00	46.00	76.00
ND	N.A.	15.00	< 5.00	8.00	7.00	16.00
SM	N.A.	3.30	0.60	1.80	3.50	6.40
EU	N.A.	0.70	< 0.20	0.20	0.70	< 0.20
YB	N.A.	2.00	0.50	0.50	4.30	8.30
LU	N.A.	0.37	0.10	0.15	0.66	1.38
HF	N.A.	4.00	< 1.00	1.00	2.00	3.00
PB	N.A.	12.00	18.00	< 2.00	2.00	8.00
RB	N.A.	80.00	70.00	30.00	60.00	100.00
SR	N.A.	30.00	10.00	130.00	270.00	40.00
Y	N.A.	< 10.00	< 10.00	< 10.00	30.00	100.00
ZR	N.A.	90.00	10.00	< 10.00	90.00	50.00
NB	N.A.	10.00	10.00	30.00	20.00	10.00
BA	N.A.	3150.00	380.00	11550.00	710.00	770.00



## FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

## ECSTALL RIVER PROPERTY

SAMP NO.->	AB20896	AB20897	AB20898	AB20899	AB20900	AB20901
SiO2	65.60	71.50	85.80	58.20	88.40	47.60
Al2O3	16.20	11.70	1.97	16.80	3.71	15.10
Fe2O3	4.47	6.71	6.79	7.44	2.75	11.40
MnO	0.03	0.03	0.01	0.09	0.02	0.18
MgO	1.51	1.27	0.05	4.08	0.40	7.01
CaO	0.62	0.97	0.16	1.95	0.22	9.19
Na2O	4.48	0.56	0.05	2.19	0.26	3.91
K2O	5.46	3.17	0.57	2.93	1.17	0.33
TiO2	0.23	0.48	0.11	0.67	0.19	2.23
P2O5	0.05	0.09	0.02	0.12	0.02	0.29
CR2O3	0.01	0.04	0.04	0.03	0.35	0.06
LOI	1.08	3.70	3.46	5.47	1.70	1.47
TOTAL	99.74	100.22	99.04	99.97	99.19	98.77
AU	< 10.00	N.A.	N.A.	N.A.	60.00	< 10.00
V	20.00	N.A.	N.A.	N.A.	90.00	310.00
CR	120.00	N.A.	N.A.	N.A.	N.A.	520.00
MN	150.00	N.A.	N.A.	N.A.	72.00	1200.00
CO	4.00	N.A.	N.A.	N.A.	21.00	55.00
NI	8.00	N.A.	N.A.	N.A.	110.00	240.00
CU	4.00	N.A.	N.A.	N.A.	22.00	35.00
ZN	150.00	N.A.	N.A.	N.A.	65.00	120.00
GE	< 10.00	N.A.	N.A.	N.A.	< 10.00	< 10.00
AS	< 2.00	N.A.	N.A.	N.A.	230.00	< 2.00
SE	< 4.00	N.A.	N.A.	N.A.	3.00	< 3.00
MO	< 5.00	N.A.	N.A.	N.A.	< 5.00	< 5.00
AG	< 0.50	N.A.	N.A.	N.A.	2.00	< 0.50
CD	< 0.20	N.A.	N.A.	N.A.	< 0.20	< 0.20
CS	1.60	N.A.	N.A.	N.A.	0.90	< 1.10
LA	74.10	N.A.	N.A.	N.A.	0.90	12.50
CE	230.00	N.A.	N.A.	N.A.	5.00	66.00
ND	40.00	N.A.	N.A.	N.A.	< 5.00	17.00
SM	13.60	N.A.	N.A.	N.A.	0.20	5.90
EU	0.80	N.A.	N.A.	N.A.	< 0.20	1.10
YB	11.90	N.A.	N.A.	N.A.	0.30	3.60
LU	1.87	N.A.	N.A.	N.A.	< 0.05	0.53
HF	19.00	N.A.	N.A.	N.A.	< 1.00	4.00
PB	12.00	N.A.	N.A.	N.A.	110.00	2.00
RB	90.00	100.00	40.00	110.00	50.00	20.00
SR	170.00	40.00	< 10.00	120.00	< 10.00	240.00
Y	130.00	< 10.00	< 10.00	10.00	< 10.00	20.00
ZR	840.00	110.00	< 10.00	30.00	< 10.00	220.00
NB	200.00	20.00	20.00	10.00	< 10.00	10.00
BA	670.00	900.00	950.00	1340.00	1270.00	100.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20902	AB20903	AB20905	AB20906	AB20907	AB20908
SIO2	79.60	36.90	72.40	68.30	69.80	92.50
AL2O3	9.46	12.70	10.90	11.90	15.60	3.26
FE2O3	2.55	28.70	6.62	6.53	3.57	0.82
MNO	0.01	0.04	0.01	0.10	0.01	0.01
MGO	0.57	1.43	0.75	4.00	0.82	0.17
CAO	0.28	0.51	0.25	0.97	0.27	0.17
NA2O	0.28	1.05	0.47	2.14	0.89	0.09
K2O	2.86	3.75	3.57	2.21	4.79	0.85
TIO2	0.54	1.12	0.37	0.56	0.48	0.18
P2O5	0.13	0.04	0.05	0.10	0.02	0.02
CR2O3	0.02	0.02	0.21	0.03	0.07	0.03
LOI	2.23	13.39	4.24	2.85	4.00	1.08
TOTAL	98.53	99.65	99.84	99.69	100.32	99.18
AU	10.00	10.00	< 10.00	N.A.	N.A.	70.00
V	70.00	110.00	210.00	N.A.	N.A.	50.00
CR	210.00	220.00	N.A.	N.A.	N.A.	230.00
MN	58.00	240.00	64.00	N.A.	N.A.	34.00
CO	2.00	28.00	40.00	N.A.	N.A.	2.00
NI	7.00	89.00	240.00	N.A.	N.A.	12.00
CU	6.50	99.00	120.00	N.A.	N.A.	8.00
ZN	29.00	120.00	97.00	N.A.	N.A.	66.00
GE	< 10.00	< 10.00	< 10.00	N.A.	N.A.	< 10.00
AS	76.00	150.00	2.00	N.A.	N.A.	36.00
SE	< 3.00	10.00	3.00	N.A.	N.A.	< 3.00
MO	< 5.00	< 5.00	< 5.00	N.A.	N.A.	< 5.00
AG	< 0.50	2.00	2.00	N.A.	N.A.	3.00
CD	< 0.20	< 0.20	< 0.20	N.A.	N.A.	< 0.20
CS	1.00	1.50	1.50	N.A.	N.A.	< 0.50
LA	12.00	22.70	2.70	N.A.	N.A.	6.10
CE	32.00	46.00	10.00	N.A.	N.A.	12.00
ND	7.00	9.00	< 5.00	N.A.	N.A.	< 5.00
SM	1.30	2.30	0.90	N.A.	N.A.	0.70
EU	0.30	0.40	0.20	N.A.	N.A.	0.20
YB	0.80	1.00	0.90	N.A.	N.A.	0.50
LU	0.17	0.18	0.18	N.A.	N.A.	0.10
HF	3.00	3.00	1.00	N.A.	N.A.	< 1.00
PB	12.00	14.00	6.00	N.A.	N.A.	2.00
RB	90.00	80.00	90.00	100.00	150.00	40.00
SR	< 10.00	30.00	< 10.00	110.00	50.00	< 10.00
Y	10.00	< 10.00	10.00	30.00	10.00	< 10.00
ZR	120.00	180.00	10.00	100.00	< 10.00	< 10.00
NB	30.00	50.00	10.00	10.00	10.00	10.00
BA	4790.00	4580.00	1920.00	2060.00	900.00	5360.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20909	AB20910	AB20911	AB20912	AB20913	AB20914
SiO2	55.10	74.10	75.00	50.90	53.60	56.30
Al2O3	17.60	15.20	13.60	18.40	19.20	17.30
Fe2O3	8.64	0.61	0.73	9.00	12.50	7.87
MNO	0.17	0.02	0.03	0.26	0.10	0.21
MGO	5.87	0.91	0.35	4.25	2.92	2.40
CAO	3.91	0.70	0.54	9.91	2.77	11.00
NA2O	2.84	2.07	5.64	2.54	2.48	1.49
K2O	2.61	3.55	3.29	0.43	1.82	0.60
TiO2	0.63	0.51	0.09	0.87	0.91	0.64
P2O5	0.09	0.06	0.02	0.12	0.07	0.12
CR2O3	0.09	0.02	0.01	0.04	0.07	0.02
LOI	2.46	1.93	0.62	2.93	3.85	2.54
TOTAL	100.01	99.68	99.92	99.65	100.29	100.49
AU	N.A.	N.A.	< 10.00	< 10.00	N.A.	N.A.
V	N.A.	N.A.	10.00	300.00	N.A.	N.A.
CR	N.A.	N.A.	170.00	350.00	N.A.	N.A.
MN	N.A.	N.A.	130.00	1400.00	N.A.	N.A.
CO	N.A.	N.A.	2.00	22.00	N.A.	N.A.
NI	N.A.	N.A.	3.00	18.00	N.A.	N.A.
CU	N.A.	N.A.	3.50	54.00	N.A.	N.A.
ZN	N.A.	N.A.	56.00	150.00	N.A.	N.A.
GE	N.A.	N.A.	< 10.00	10.00	N.A.	N.A.
AS	N.A.	N.A.	< 2.00	12.00	N.A.	N.A.
SE	N.A.	N.A.	< 3.00	< 3.00	N.A.	N.A.
MO	N.A.	N.A.	< 5.00	< 5.00	N.A.	N.A.
AG	N.A.	N.A.	< 0.50	< 0.50	N.A.	N.A.
CD	N.A.	N.A.	< 0.20	< 0.20	N.A.	N.A.
CS	N.A.	N.A.	0.80	< 1.00	N.A.	N.A.
LA	N.A.	N.A.	17.00	8.20	N.A.	N.A.
CE	N.A.	N.A.	54.00	35.00	N.A.	N.A.
ND	N.A.	N.A.	13.00	7.00	N.A.	N.A.
SM	N.A.	N.A.	4.60	2.80	N.A.	N.A.
EU	N.A.	N.A.	< 0.30	0.80	N.A.	N.A.
YB	N.A.	N.A.	5.90	2.30	N.A.	N.A.
LU	N.A.	N.A.	1.03	0.38	N.A.	N.A.
HF	N.A.	N.A.	6.00	1.00	N.A.	N.A.
PB	N.A.	N.A.	18.00	10.00	N.A.	N.A.
RB	80.00	110.00	100.00	< 10.00	50.00	40.00
SR	120.00	100.00	580.00	270.00	190.00	190.00
Y	20.00	10.00	50.00	10.00	30.00	10.00
ZR	10.00	90.00	140.00	40.00	40.00	40.00
NB	20.00	10.00	70.00	20.00	40.00	20.00
BA	230.00	450.00	170.00	150.00	630.00	350.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20915	AB20916	AB20917	AB20918	AB20919	AB20920
SIO2	54.00	65.30	55.90	48.60	52.50	56.50
AL2O3	18.20	16.20	23.50	17.80	17.10	17.80
FE2O3	8.93	5.39	3.27	10.40	11.10	11.00
MNO	0.14	0.04	0.03	0.18	0.18	0.02
MGO	2.00	1.12	2.43	7.84	4.89	0.94
CAO	6.84	1.99	0.69	6.37	3.64	0.26
NA2O	4.19	3.35	3.15	3.87	4.89	1.60
K2O	1.17	2.92	5.83	1.14	1.35	4.66
TIO2	1.10	0.52	0.61	0.72	1.02	0.62
P2O5	0.17	0.10	0.10	0.10	0.11	0.09
CR2O3	0.02	0.01	< 0.01	< 0.01	< 0.01	0.05
LOI	3.31	3.54	3.77	2.39	2.77	6.62
TOTAL	100.07	100.48	99.29	99.41	99.56	100.16
AU	< 10.00	10.00	< 10.00	N.A.	N.A.	N.A.
V	280.00	70.00	40.00	N.A.	N.A.	N.A.
CR	250.00	150.00	94.00	N.A.	N.A.	N.A.
MN	960.00	280.00	140.00	N.A.	N.A.	N.A.
CO	17.00	1.00	4.00	N.A.	N.A.	N.A.
NI	16.00	2.00	6.00	N.A.	N.A.	N.A.
CU	86.00	8.00	30.00	N.A.	N.A.	N.A.
ZN	98.00	27.00	63.00	N.A.	N.A.	N.A.
GE	10.00	10.00	10.00	N.A.	N.A.	N.A.
AS	10.00	< 2.00	4.00	N.A.	N.A.	N.A.
SE	< 3.00	< 3.00	4.00	N.A.	N.A.	N.A.
MO	< 5.00	< 5.00	11.00	N.A.	N.A.	N.A.
AG	< 0.50	< 0.50	< 0.50	N.A.	N.A.	N.A.
CD	< 0.20	< 0.20	< 0.20	N.A.	N.A.	N.A.
CS	1.80	1.20	1.80	N.A.	N.A.	N.A.
LA	10.70	15.90	23.10	N.A.	N.A.	N.A.
CE	45.00	43.00	64.00	N.A.	N.A.	N.A.
ND	9.00	12.00	9.00	N.A.	N.A.	N.A.
SM	3.80	2.50	2.90	N.A.	N.A.	N.A.
EU	1.60	0.40	0.60	N.A.	N.A.	N.A.
YB	3.30	1.50	3.20	N.A.	N.A.	N.A.
LU	0.59	0.32	0.64	N.A.	N.A.	N.A.
HF	1.00	3.00	10.00	N.A.	N.A.	N.A.
PB	6.00	10.00	6.00	N.A.	N.A.	N.A.
RB	40.00	70.00	150.00	40.00	60.00	150.00
SR	220.00	220.00	130.00	230.00	230.00	40.00
Y	50.00	20.00	30.00	10.00	20.00	10.00
ZR	70.00	120.00	380.00	20.00	30.00	30.00
NB	20.00	20.00	30.00	20.00	20.00	10.00
BA	460.00	900.00	7280.00	330.00	1030.00	800.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20921	AB20922	AB20923	AB20924	AB20925	AB20926
SIO2	52.80	73.50	67.10	63.00	50.10	55.70
AL2O3	14.50	11.60	17.60	14.80	15.70	5.08
FE2O3	10.00	4.11	3.66	7.35	8.40	24.40
MNO	0.18	0.03	0.03	0.10	N.A.	N.A.
MGO	13.70	0.50	1.52	4.91	11.80	0.15
CAO	0.23	0.77	0.39	0.89	7.07	0.17
NA2O	0.99	0.49	0.91	1.00	2.33	0.38
K2O	0.24	3.41	4.77	2.95	0.50	1.41
TIO2	0.56	0.49	0.62	0.56	0.78	0.24
P2O5	0.05	0.08	0.07	0.08	0.09	0.02
CR2O3	0.11	0.22	0.03	0.09	N.A.	N.A.
LOI	6.77	3.00	3.31	4.47	3.16	12.85
TOTAL	100.13	98.20	100.01	100.19	99.93	100.40
AU	< 10.00	N.A.	N.A.	N.A.	< 10.00	78.00
V	260.00	N.A.	N.A.	N.A.	270.00	70.00
CR	850.00	N.A.	N.A.	N.A.	430.00	370.00
MN	970.00	N.A.	N.A.	N.A.	880.00	30.00
CO	51.00	N.A.	N.A.	N.A.	37.00	210.00
NI	200.00	N.A.	N.A.	N.A.	110.00	92.00
CU	15.00	N.A.	N.A.	N.A.	39.00	21.00
ZN	96.00	N.A.	N.A.	N.A.	86.00	2200.00
GE	10.00	N.A.	N.A.	N.A.	10.00	10.00
AS	< 2.00	N.A.	N.A.	N.A.	< 2.00	310.00
SE	< 3.00	N.A.	N.A.	N.A.	< 3.00	< 3.00
MO	< 5.00	N.A.	N.A.	N.A.	< 5.00	510.00
AG	< 0.50	N.A.	N.A.	N.A.	< 0.50	1.00
CD	< 0.20	N.A.	N.A.	N.A.	< 0.20	39.00
CS	< 1.00	N.A.	N.A.	N.A.	< 0.50	1.70
LA	3.40	N.A.	N.A.	N.A.	3.20	5.40
CE	12.00	N.A.	N.A.	N.A.	17.00	10.00
ND	< 5.00	N.A.	N.A.	N.A.	< 5.00	< 5.00
SM	1.10	N.A.	N.A.	N.A.	1.80	0.70
EU	0.30	N.A.	N.A.	N.A.	0.70	0.30
YB	0.80	N.A.	N.A.	N.A.	2.10	0.70
LU	0.16	N.A.	N.A.	N.A.	0.32	0.13
HF	1.00	N.A.	N.A.	N.A.	1.00	1.00
PB	2.00	N.A.	N.A.	N.A.	< 2.00	12.00
RB	< 10.00	110.00	150.00	110.00	30.00	70.00
SR	10.00	70.00	40.00	50.00	150.00	< 10.00
Y	10.00	10.00	30.00	10.00	20.00	< 10.00
ZR	10.00	< 10.00	110.00	< 10.00	10.00	10.00
NB	10.00	10.00	10.00	10.00	20.00	< 10.00
BA	210.00	1920.00	910.00	520.00	160.00	370.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20927	AB20929	AB20930	AB20931	AB20932	AB20933
SiO2	38.70	43.20	55.10	49.00	42.80	48.90
Al2O3	1.57	17.60	14.60	14.90	15.00	16.40
Fe2O3	26.00	14.30	8.60	9.47	24.70	8.13
MnO	N.A.	0.24	N.A.	N.A.	N.A.	N.A.
MgO	0.47	5.76	5.82	9.46	0.95	0.56
CaO	16.10	8.87	5.31	5.50	1.71	9.94
Na2O	0.10	2.48	0.87	2.72	1.91	4.46
K2O	0.35	1.26	1.86	0.08	2.66	1.18
TiO2	0.08	0.96	1.02	1.07	1.21	1.02
P2O5	2.22	0.32	0.23	0.13	0.11	0.08
Cr2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	13.16	3.70	5.00	6.08	8.85	4.54
TOTAL	98.75	98.69	98.41	98.41	99.90	95.21
AU	10.00	< 10.00	< 10.00	< 10.00	< 10.00	10.00
V	890.00	340.00	660.00	260.00	380.00	310.00
CR	260.00	110.00	430.00	380.00	160.00	180.00
MN	520.00	N.A.	460.00	800.00	180.00	850.00
CO	15.00	33.00	31.00	36.00	1.00	7.00
NI	170.00	21.00	170.00	140.00	15.00	41.00
CU	350.00	24.00	77.00	26.00	74.00	87.00
ZN	590.00	180.00	230.00	110.00	360.00	38.00
GE	10.00	10.00	20.00	10.00	10.00	< 10.00
AS	20.00	2.00	< 2.00	< 2.00	81.00	2.00
SE	30.00	< 3.00	17.00	< 3.00	16.00	12.00
MO	10.00	< 5.00	19.00	< 5.00	6.00	6.00
AG	1.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50
CD	4.80	0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	< 0.80	1.40	1.00	< 0.50	< 0.50	1.50
LA	44.80	10.90	16.20	3.30	4.20	8.40
CE	42.00	46.00	47.00	21.00	9.00	24.00
ND	24.00	9.00	18.00	5.00	8.00	5.00
SM	5.70	5.00	4.00	2.40	1.10	2.60
EU	1.20	0.60	1.30	1.00	0.30	< 0.20
YB	4.60	3.90	3.00	2.60	0.50	2.30
LU	0.74	0.56	0.53	0.40	0.12	0.43
HF	< 1.00	1.00	2.00	1.00	2.00	1.00
PB	30.00	4.00	< 2.00	< 2.00	8.00	12.00
RB	< 10.00	40.00	70.00	20.00	80.00	40.00
SR	60.00	320.00	100.00	80.00	110.00	230.00
Y	50.00	20.00	20.00	10.00	< 10.00	30.00
ZR	20.00	20.00	80.00	60.00	40.00	40.00
NB	20.00	20.00	20.00	20.00	30.00	< 10.00
BA	350.00	280.00	2190.00	120.00	1040.00	1220.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20934	AB20935	AB20936	AB20937	AB20938	AB20939
SIO2	74.30	73.30	51.20	46.20	61.30	44.80
AL2O3	14.50	14.10	16.60	16.40	9.12	3.19
FE2O3	2.40	2.62	11.30	11.30	14.30	38.70
MNO	N.A.	N.A.	0.20	0.21	N.A.	N.A.
MGO	0.36	0.47	6.09	7.46	0.65	0.29
CAO	1.06	0.93	7.18	11.70	1.41	0.59
NA2O	2.14	4.85	3.07	2.85	1.32	0.66
K2O	2.93	1.98	0.24	0.37	2.05	0.45
TIO2	0.11	0.12	0.87	1.41	0.32	0.16
P2O5	0.09	0.14	0.05	0.16	0.05	0.04
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	0.02
LOI	2.54	1.39	3.16	2.16	9.08	11.39
TOTAL	100.43	99.90	99.96	100.22	99.60	100.29
AU	< 10.00	< 10.00	< 10.00	< 10.00	73.00	130.00
V	10.00	< 10.00	270.00	250.00	140.00	50.00
CR	190.00	180.00	220.00	390.00	250.00	220.00
MN	76.00	180.00	N.A.	N.A.	210.00	120.00
CO	2.00	1.00	35.00	47.00	18.00	56.00
NI	23.00	2.00	30.00	200.00	51.00	85.00
CU	11.00	19.00	62.00	68.00	700.00	830.00
ZN	220.00	41.00	110.00	98.00	510.00	410.00
GE	< 10.00	10.00	20.00	< 10.00	< 10.00	< 10.00
AS	< 2.00	< 2.00	< 2.00	< 2.00	190.00	94.00
SE	4.00	< 3.00	< 3.00	< 4.00	4.00	4.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	5.50	4.50
CD	1.40	< 0.20	< 0.20	< 0.20	0.80	1.20
CS	0.80	0.80	< 1.00	< 2.00	1.70	< 0.50
LA	20.40	22.40	4.10	6.40	2.80	3.00
CE	59.00	64.00	20.00	19.00	13.00	7.00
ND	14.00	15.00	< 5.00	10.00	< 5.00	< 5.00
SM	3.40	3.60	1.90	3.40	0.90	0.70
EU	0.70	0.50	0.70	1.00	0.40	0.40
YB	0.70	0.80	2.50	2.40	1.40	0.70
LU	0.18	0.13	0.39	0.39	0.25	0.12
HF	3.00	2.00	1.00	2.00	< 1.00	< 1.00
PB	2.00	2.00	< 2.00	< 2.00	210.00	80.00
RB	60.00	60.00	20.00	20.00	< 10.00	< 10.00
SR	100.00	100.00	160.00	370.00	40.00	< 10.00
Y	< 10.00	< 10.00	30.00	20.00	< 10.00	< 10.00
ZR	90.00	80.00	30.00	100.00	< 10.00	< 10.00
NB	10.00	10.00	20.00	20.00	30.00	20.00
BA	1020.00	750.00	120.00	110.00	3810.00	1070.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20940	AB20941	AB20942	AB20943	AB20944	AB20945
SiO2	66.40	59.10	76.20	82.00	63.40	76.10
Al2O3	10.80	15.00	8.10	5.52	14.50	6.42
Fe2O3	11.70	8.21	5.32	5.67	7.15	8.21
MnO	N.A.	0.10	N.A.	N.A.	N.A.	N.A.
MgO	0.95	5.43	1.36	0.61	4.37	0.47
CaO	0.67	2.02	0.69	0.51	1.48	0.28
Na2O	1.25	3.78	0.71	0.69	2.35	0.93
K2O	2.50	1.46	2.06	1.33	2.41	1.54
TiO2	0.38	0.59	0.48	0.23	0.51	0.26
P2O5	0.06	0.09	0.13	0.04	0.09	0.04
Cr2O3	N.A.	0.04	N.A.	0.17	N.A.	N.A.
LOI	4.31	3.54	3.93	2.08	3.62	5.08
TOTAL	99.02	99.36	98.98	98.85	99.88	99.33
AU	44.00	N.A.	39.00	12.00	17.00	53.00
V	190.00	N.A.	80.00	120.00	220.00	110.00
CR	230.00	N.A.	150.00	N.A.	420.00	450.00
MN	160.00	N.A.	130.00	92.00	770.00	68.00
CO	15.00	N.A.	12.00	22.00	30.00	18.00
NI	63.00	N.A.	27.00	120.00	110.00	65.00
CU	360.00	N.A.	290.00	140.00	93.00	52.00
ZN	670.00	N.A.	1200.00	430.00	130.00	230.00
GE	< 10.00	N.A.	< 10.00	< 10.00	< 10.00	< 10.00
AS	44.00	N.A.	110.00	6.00	39.00	160.00
SE	4.00	N.A.	5.00	< 3.00	3.00	4.00
MO	< 5.00	N.A.	< 5.00	< 5.00	< 5.00	< 5.00
AG	2.50	N.A.	3.50	< 0.50	< 0.50	< 0.50
CD	2.80	N.A.	4.40	0.80	< 0.20	0.40
CS	2.20	N.A.	2.90	< 1.30	3.20	< 1.20
LA	4.70	N.A.	17.60	3.90	6.00	4.40
CE	10.00	N.A.	31.00	6.00	13.00	8.00
ND	< 5.00	N.A.	15.00	< 5.00	7.00	5.00
SM	1.40	N.A.	3.10	1.10	1.60	1.20
EU	< 0.20	N.A.	0.60	0.40	0.60	< 0.20
YB	1.50	N.A.	1.60	1.40	1.50	1.40
LU	0.25	N.A.	0.29	0.25	0.28	0.24
HF	1.00	N.A.	2.00	< 1.00	2.00	1.00
PB	120.00	N.A.	440.00	44.00	22.00	46.00
RB	90.00	70.00	80.00	70.00	90.00	80.00
SR	20.00	100.00	< 10.00	< 10.00	50.00	< 10.00
Y	10.00	< 10.00	< 10.00	< 10.00	20.00	10.00
ZR	< 10.00	20.00	50.00	< 10.00	10.00	< 10.00
NB	< 10.00	30.00	40.00	10.00	20.00	20.00
BA	3800.00	1230.00	3200.00	2560.00	540.00	530.00



## FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

## ECSTALL RIVER PROPERTY

SAMP NO.->	AB20946	AB20947	AB20948	AB20949	AB20950	AB20951
SiO2	52.00	57.00	74.30	54.70	57.30	72.90
Al2O3	14.60	17.30	13.80	17.90	18.00	13.60
Fe2O3	8.91	6.15	1.79	8.47	7.40	1.94
MnO	0.20	0.16	N.A.	0.29	0.24	N.A.
MgO	6.42	3.03	0.50	2.36	2.74	0.42
CaO	9.87	6.55	3.44	7.88	6.90	2.47
Na2O	2.02	3.30	2.06	0.89	0.94	3.04
K2O	1.53	2.33	2.03	2.02	2.25	2.30
TiO2	0.47	0.50	0.12	0.59	0.60	0.13
P2O5	0.06	0.18	0.07	0.18	0.19	0.07
CR2O3	0.07	N.A.	N.A.	< 0.01	< 0.01	N.A.
LOI	3.00	3.54	2.00	3.77	3.23	2.62
TOTAL	99.15	100.04	100.11	99.06	99.80	99.49
AU	N.A.	< 10.00	< 1.00	N.A.	N.A.	< 10.00
V	N.A.	150.00	10.00	N.A.	N.A.	< 10.00
CR	N.A.	86.00	70.00	N.A.	N.A.	80.00
MN	N.A.	N.A.	400.00	N.A.	N.A.	380.00
CO	N.A.	13.00	1.00	N.A.	N.A.	2.00
NI	N.A.	14.00	6.00	N.A.	N.A.	4.00
CU	N.A.	11.00	10.00	N.A.	N.A.	8.50
ZN	N.A.	87.00	33.00	N.A.	N.A.	50.00
GE	N.A.	< 10.00	< 10.00	N.A.	N.A.	< 10.00
AS	N.A.	2.00	< 2.00	N.A.	N.A.	< 2.00
SE	N.A.	< 3.00	< 3.00	N.A.	N.A.	< 3.00
MO	N.A.	< 5.00	< 5.00	N.A.	N.A.	< 5.00
AG	N.A.	< 0.50	< 0.50	N.A.	N.A.	< 0.50
CD	N.A.	0.20	< 0.20	N.A.	N.A.	< 0.20
CS	N.A.	3.60	1.10	N.A.	N.A.	2.20
LA	N.A.	37.00	34.50	N.A.	N.A.	31.20
CE	N.A.	55.00	54.00	N.A.	N.A.	46.00
ND	N.A.	20.00	19.00	N.A.	N.A.	17.00
SM	N.A.	4.40	3.60	N.A.	N.A.	3.10
EU	N.A.	0.80	1.00	N.A.	N.A.	0.60
YB	N.A.	2.20	1.00	N.A.	N.A.	1.10
LU	N.A.	0.46	0.19	N.A.	N.A.	0.21
HF	N.A.	3.00	3.00	N.A.	N.A.	3.00
PB	N.A.	8.00	10.00	N.A.	N.A.	8.00
RB	40.00	90.00	80.00	70.00	90.00	80.00
SR	80.00	290.00	220.00	140.00	110.00	110.00
Y	< 10.00	20.00	20.00	40.00	10.00	10.00
ZR	10.00	70.00	100.00	70.00	70.00	80.00
NB	20.00	20.00	< 10.00	20.00	10.00	10.00
BA	830.00	1290.00	710.00	620.00	630.00	560.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

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SAMP NO.->	AB20952	AB20953	AB20954	AB20955	AB20956	AB20968
SIO2	54.30	61.90	74.40	59.00	61.70	51.10
AL2O3	18.10	17.40	13.80	18.50	14.90	16.40
FE2O3	7.05	7.70	3.38	8.91	7.57	8.97
MNO	0.15	0.04	N.A.	0.13	N.A.	0.16
MGO	2.67	1.09	0.34	1.69	4.93	8.00
CAO	7.67	0.54	0.22	4.32	1.52	7.31
NA2O	0.77	1.29	0.92	1.21	0.91	3.49
K2O	4.00	4.02	3.25	2.80	2.56	0.61
TIO2	0.59	0.84	0.36	0.87	0.59	0.61
P2O5	0.20	0.14	0.11	0.14	0.19	0.05
CR2O3	< 0.01	0.01	N.A.	< 0.01	N.A.	0.04
LOI	4.93	4.77	2.93	2.62	4.39	2.39
TOTAL	100.43	99.74	99.71	100.19	99.26	99.13
AU	N.A.	N.A.	< 10.00	N.A.	14.00	N.A.
V	N.A.	N.A.	140.00	N.A.	290.00	N.A.
CR	N.A.	N.A.	110.00	N.A.	300.00	N.A.
MN	N.A.	N.A.	80.00	N.A.	670.00	N.A.
CO	N.A.	N.A.	10.00	N.A.	22.00	N.A.
NI	N.A.	N.A.	15.00	N.A.	73.00	N.A.
CU	N.A.	N.A.	25.00	N.A.	120.00	N.A.
ZN	N.A.	N.A.	410.00	N.A.	380.00	N.A.
GE	N.A.	N.A.	10.00	N.A.	10.00	N.A.
AS	N.A.	N.A.	22.00	N.A.	150.00	N.A.
SE	N.A.	N.A.	< 3.00	N.A.	5.00	N.A.
MO	N.A.	N.A.	< 5.00	N.A.	< 5.00	N.A.
AG	N.A.	N.A.	< 0.50	N.A.	< 0.50	N.A.
CD	N.A.	N.A.	1.80	N.A.	2.00	N.A.
CS	N.A.	N.A.	1.90	N.A.	3.20	N.A.
LA	N.A.	N.A.	18.50	N.A.	20.00	N.A.
CE	N.A.	N.A.	30.00	N.A.	32.00	N.A.
ND	N.A.	N.A.	11.00	N.A.	14.00	N.A.
SM	N.A.	N.A.	2.70	N.A.	3.40	N.A.
EU	N.A.	N.A.	0.60	N.A.	0.70	N.A.
YB	N.A.	N.A.	1.70	N.A.	1.60	N.A.
LU	N.A.	N.A.	0.36	N.A.	0.33	N.A.
HF	N.A.	N.A.	3.00	N.A.	3.00	N.A.
PB	N.A.	N.A.	18.00	N.A.	40.00	N.A.
RB	150.00	140.00	90.00	120.00	80.00	40.00
SR	100.00	40.00	50.00	80.00	30.00	250.00
Y	10.00	30.00	20.00	20.00	20.00	20.00
ZR	80.00	70.00	80.00	90.00	60.00	30.00
NB	20.00	20.00	20.00	20.00	< 10.00	10.00
BA	690.00	490.00	550.00	470.00	2560.00	170.00

## FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

## ECSTALL RIVER PROPERTY

SAMP NO.->	AB20969	AB20970	AB20971	AB20972	AB20973	AB20974
SIO2	50.10	54.10	75.50	63.10	79.00	47.60
AL2O3	14.90	22.90	14.40	11.90	11.90	15.10
FE2O3	9.03	4.54	3.01	12.70	0.87	9.71
MNO	0.18	N.A.	N.A.	N.A.	N.A.	0.20
MGO	9.27	2.07	1.12	3.04	0.40	11.60
CAO	8.47	6.19	1.50	0.61	1.69	8.12
NA2O	2.78	4.52	2.19	1.26	3.82	2.60
K2O	0.95	1.40	0.72	2.32	1.11	0.34
TIO2	0.49	0.71	0.48	0.42	0.07	0.66
P2O5	0.05	0.12	0.03	0.06	0.02	0.08
CR2O3	0.06	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	3.23	2.39	1.31	3.93	1.08	2.93
TOTAL	99.51	98.94	100.26	99.34	99.96	98.94
AU	N.A.	40.00	80.00	40.00	10.00	< 10.00
V	N.A.	50.00	60.00	90.00	10.00	260.00
CR	N.A.	100.00	220.00	240.00	150.00	450.00
MN	N.A.	320.00	140.00	520.00	110.00	N.A.
CO	N.A.	9.00	11.00	12.00	2.00	52.00
NI	N.A.	6.00	8.00	11.00	5.00	150.00
CU	N.A.	1100.00	1500.00	1700.00	68.00	34.00
ZN	N.A.	56.00	58.00	77.00	29.00	90.00
GE	N.A.	< 10.00	< 10.00	10.00	< 10.00	10.00
AS	N.A.	< 2.00	2.00	< 2.00	< 2.00	< 2.00
SE	N.A.	3.00	< 3.00	3.00	< 3.00	< 3.00
MO	N.A.	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	N.A.	< 0.50	1.00	1.50	0.50	< 0.50
CD	N.A.	< 0.20	0.20	< 0.20	< 0.20	< 0.20
CS	N.A.	2.40	1.80	3.70	2.10	< 1.20
LA	N.A.	30.90	16.80	7.90	15.70	5.10
CE	N.A.	64.00	33.00	14.00	34.00	27.00
ND	N.A.	34.00	15.00	8.00	17.00	5.00
SM	N.A.	9.30	4.30	1.30	5.30	1.80
EU	N.A.	1.80	0.70	0.30	0.40	0.80
YB	N.A.	8.70	4.60	3.00	6.80	1.70
LU	N.A.	1.61	0.84	0.51	1.24	0.24
HF	N.A.	7.00	4.00	3.00	4.00	< 1.00
PB	N.A.	4.00	10.00	< 2.00	< 2.00	< 2.00
RB	40.00	80.00	40.00	< 10.00	40.00	20.00
SR	120.00	320.00	140.00	10.00	120.00	130.00
Y	< 10.00	100.00	60.00	< 10.00	70.00	10.00
ZR	< 10.00	170.00	110.00	100.00	70.00	40.00
NB	10.00	10.00	< 10.00	20.00	20.00	20.00
BA	230.00	560.00	670.00	650.00	370.00	90.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20975	AB20976	AB20977	AB20979	AB20980	AB20981
SiO2	70.00	47.00	73.40	49.20	N.A.	58.10
Al2O3	14.20	18.70	14.10	18.00	N.A.	16.30
Fe2O3	2.95	11.80	1.55	9.13	N.A.	6.47
MNO	N.A.	N.A.	N.A.	N.A.	N.A.	0.17
MGO	2.93	6.97	1.96	4.57	N.A.	2.87
CAO	1.56	5.52	1.17	8.14	N.A.	5.22
NA2O	2.64	2.13	3.21	1.14	N.A.	1.05
K2O	2.57	3.17	2.43	3.55	N.A.	3.87
TiO2	0.52	1.12	0.39	0.66	N.A.	0.59
P2O5	0.07	0.12	0.07	0.11	N.A.	0.09
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	1.93	2.77	1.85	4.24	N.A.	4.24
TOTAL	99.37	99.30	100.13	98.74	N.A.	98.97
AU	60.00	< 10.00	150.00	< 10.00	N.A.	< 10.00
V	130.00	220.00	70.00	320.00	N.A.	300.00
CR	210.00	65.00	200.00	550.00	N.A.	450.00
MN	350.00	970.00	180.00	880.00	N.A.	N.A.
CO	7.00	27.00	4.00	62.00	N.A.	42.00
NI	8.00	3.00	7.00	160.00	N.A.	95.00
CU	800.00	260.00	1300.00	110.00	N.A.	140.00
ZN	74.00	110.00	32.00	120.00	N.A.	81.00
GE	< 10.00	10.00	< 10.00	10.00	N.A.	10.00
AS	< 2.00	< 2.00	< 2.00	4.00	N.A.	2.00
SE	< 3.00	6.00	< 3.00	< 3.00	N.A.	< 3.00
MO	5.00	5.00	19.00	< 5.00	N.A.	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	N.A.	< 0.50
CD	< 0.20	0.40	< 0.20	< 0.20	N.A.	< 0.20
CS	1.70	6.70	1.10	2.40	N.A.	< 1.00
LA	2.50	8.10	5.30	6.80	N.A.	3.90
CE	17.00	36.00	32.00	31.00	N.A.	22.00
ND	< 5.00	8.00	5.00	6.00	N.A.	5.00
SM	1.20	3.00	2.30	2.20	N.A.	1.70
EU	0.40	1.10	< 0.40	0.40	N.A.	0.60
YB	1.60	2.90	3.90	1.30	N.A.	2.10
LU	0.25	0.46	0.69	0.18	N.A.	0.30
HF	1.00	2.00	3.00	1.00	N.A.	1.00
PB	10.00	4.00	4.00	< 2.00	N.A.	< 2.00
RB	80.00	110.00	< 10.00	110.00	N.A.	110.00
SR	90.00	380.00	110.00	100.00	N.A.	80.00
Y	10.00	20.00	10.00	< 10.00	N.A.	50.00
ZR	50.00	40.00	100.00	20.00	N.A.	30.00
NB	20.00	10.00	10.00	10.00	N.A.	20.00
BA	1240.00	220.00	620.00	350.00	N.A.	410.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20983	AB20984	AB20985	AB20986	AB20987	AB20988
SIO2	53.30	53.30	53.30	50.60	53.70	50.00
AL2O3	15.40	12.30	15.10	17.70	19.50	15.90
FE2O3	7.96	9.20	9.48	10.40	10.10	9.09
MNO	0.47	0.32	0.38	0.36	N.A.	0.34
MGO	7.42	6.17	6.61	7.60	3.85	6.24
CAO	3.96	7.13	5.12	4.65	0.45	7.84
NA2O	2.96	1.53	0.64	1.14	2.92	0.81
K2O	1.89	1.62	2.70	2.12	3.27	2.44
TIO2	0.57	0.46	0.60	0.73	0.59	0.57
P2O5	0.08	0.08	0.11	0.12	0.06	0.06
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	4.85	6.47	5.54	4.47	4.54	5.39
TOTAL	98.86	98.58	99.58	99.89	98.98	98.68
AU	< 10.00	20.00	20.00	< 10.00	10.00	< 10.00
V	290.00	210.00	230.00	290.00	350.00	310.00
CR	380.00	410.00	400.00	640.00	500.00	790.00
MN	N.A.	N.A.	N.A.	N.A.	590.00	N.A.
CO	27.00	43.00	28.00	43.00	46.00	44.00
NI	76.00	130.00	90.00	180.00	110.00	150.00
CU	87.00	130.00	87.00	68.00	180.00	110.00
ZN	99.00	95.00	130.00	120.00	110.00	87.00
GE	< 10.00	10.00	10.00	10.00	10.00	< 10.00
AS	9.00	17.00	5.00	< 2.00	5.00	2.00
SE	< 3.00	< 3.00	< 3.00	5.00	< 3.00	< 3.00
MO	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	1.70	< 1.10	< 0.90	1.80	1.70	1.60
LA	4.30	5.10	7.80	7.90	3.10	3.30
CE	20.00	23.00	28.00	36.00	18.00	18.00
ND	< 5.00	< 5.00	5.00	7.00	< 5.00	< 5.00
SM	1.60	1.80	2.30	2.60	1.50	1.40
EU	0.60	0.40	0.50	0.60	< 0.40	0.30
YB	1.90	1.90	1.70	2.20	2.30	1.70
LU	0.33	0.37	0.30	0.35	0.40	0.28
HF	1.00	< 1.00	< 1.00	< 1.00	1.00	< 1.00
PB	< 2.00	< 2.00	4.00	< 2.00	< 2.00	< 2.00
RB	80.00	60.00	100.00	90.00	110.00	80.00
SR	90.00	90.00	40.00	80.00	70.00	100.00
Y	10.00	10.00	20.00	10.00	20.00	< 10.00
ZR	20.00	10.00	30.00	40.00	10.00	10.00
NB	20.00	10.00	20.00	20.00	10.00	10.00
BA	330.00	1000.00	630.00	670.00	790.00	920.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20989	AB20990	AB20991	AB20992	AB20993	AB20994
SIO2	49.60	51.50	53.80	49.30	44.20	55.70
AL2O3	14.60	15.40	15.30	16.50	18.50	16.30
FE2O3	8.75	8.73	6.57	8.98	15.80	5.88
MNO	0.24	0.22	N.A.	0.23	0.54	N.A.
MGO	9.79	7.71	4.55	8.50	5.92	3.89
CAO	9.72	8.35	7.27	9.12	7.24	6.11
NA2O	1.03	2.56	4.28	3.17	0.73	5.66
K2O	0.72	0.82	1.46	0.66	2.04	0.38
TIO2	0.53	0.60	0.96	0.46	0.45	0.82
P2O5	0.07	0.07	0.28	0.05	0.07	0.25
CR2O3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LOI	4.39	3.93	4.93	2.54	3.62	5.00
TOTAL	99.44	99.89	99.40	99.51	99.11	99.99
AU	10.00	< 10.00	< 10.00	< 10.00	10.00	< 10.00
V	280.00	300.00	200.00	300.00	300.00	160.00
CR	700.00	480.00	200.00	420.00	180.00	140.00
MN	N.A.	N.A.	830.00	N.A.	N.A.	760.00
CO	41.00	37.00	25.00	44.00	43.00	20.00
NI	150.00	110.00	72.00	94.00	65.00	45.00
CU	100.00	68.00	27.00	21.00	160.00	40.00
ZN	97.00	89.00	100.00	98.00	130.00	95.00
GE	< 10.00	10.00	< 10.00	10.00	10.00	10.00
AS	3.00	2.00	2.00	< 2.00	2.00	< 3.00
SE	< 31.00	< 3.00	< 3.00	< 3.00	< 3.00	< 11.00
MO	39.00	< 5.00	< 5.00	< 5.00	< 5.00	8.00
AG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CD	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
CS	< 1.10	2.00	3.60	< 1.20	2.60	< 3.30
LA	3.70	3.20	11.90	2.00	3.10	15.90
CE	19.00	20.00	51.00	12.00	15.00	30.00
ND	< 5.00	< 5.00	8.00	< 5.00	< 5.00	8.00
SM	1.40	1.50	3.70	1.10	1.40	3.10
EU	0.60	< 36.00	1.00	0.40	0.40	< 1.10
YB	1.70	1.90	1.30	1.50	2.20	1.20
LU	0.32	0.33	0.19	0.24	0.32	0.26
HF	< 1.00	< 1.00	2.00	1.00	< 1.00	3.00
PB	< 2.00	< 2.00	2.00	< 2.00	< 2.00	< 2.00
RB	40.00	50.00	70.00	30.00	90.00	< 10.00
SR	190.00	140.00	530.00	150.00	130.00	790.00
Y	10.00	10.00	20.00	N.A.	20.00	< 10.00
ZR	< 10.00	< 10.00	60.00	N.A.	< 10.00	70.00
NB	10.00	10.00	20.00	N.A.	10.00	10.00
BA	310.00	410.00	330.00	210.00	820.00	460.00

FALCONBRIDGE LIMITED-WHOLE ROCK DATABASE

ECSTALL RIVER PROPERTY

SAMP NO.->	AB20995	AD01051	AD01052
SIO2	43.20	49.80	46.80
AL2O3	16.40	18.50	16.30
FE2O3	9.85	10.30	9.26
MNO	0.15	0.14	0.17
MGO	6.90	2.06	8.95
CAO	11.40	8.04	9.53
NA2O	1.27	6.19	3.31
K2O	2.15	0.54	0.33
TIO2	1.45	1.72	1.68
P2O5	0.17	0.91	0.20
CR2O3	N.A.	< 0.01	0.06
LOI	5.39	2.16	2.23
TOTAL	98.33	100.36	98.82
AU	< 10.00	N.A.	N.A.
V	260.00	N.A.	N.A.
CR	290.00	N.A.	N.A.
MN	N.A.	N.A.	N.A.
CO	46.00	N.A.	N.A.
NI	110.00	N.A.	N.A.
CU	75.00	N.A.	N.A.
ZN	120.00	N.A.	N.A.
GE	< 10.00	N.A.	N.A.
AS	< 2.00	N.A.	N.A.
SE	< 3.00	N.A.	N.A.
MO	< 5.00	N.A.	N.A.
AG	< 0.50	N.A.	N.A.
CD	< 0.20	N.A.	N.A.
CS	1.90	N.A.	N.A.
LA	7.30	N.A.	N.A.
CE	43.00	N.A.	N.A.
ND	8.00	N.A.	N.A.
SM	3.80	N.A.	N.A.
EU	1.20	N.A.	N.A.
YB	2.60	N.A.	N.A.
LU	0.43	N.A.	N.A.
HF	2.00	N.A.	N.A.
PB	< 2.00	N.A.	N.A.
RB	< 10.00	20.00	10.00
SR	190.00	640.00	420.00
Y	10.00	50.00	30.00
ZR	90.00	190.00	130.00
NE	20.00	50.00	10.00
BA	400.00	280.00	260.00

APPENDIX III

GEOCHEMICAL ANALYTICAL

DATA SHEETS

(ROCK AND DRILL CORE SAMPLES)



## ROCK GEOCHEMICAL ANALYSES

The analyses were performed by Bondar-Clegg & Company Ltd. and Acme Analytical Laboratories Ltd. of Vancouver, British Columbia. The analytical techniques used and their lower detection limits are listed below.

ELEMENT	METHOD	DETECTION LIMIT
Cu	AA	1 ppm
Cu*	ICP	1 ppm
Pb	AA	2 ppm
Pb*	ICP	2 ppm
Zn	AA	1 ppm
Zn*	ICP	1 ppm
Ag	AA	0.2 ppm
Ag*	ICP	0.1 ppm
Au	AA,FA	5 ppb
Au.*	AA,FA	2 ppb

AA = Atomic absorption

FA = Fire assay

ICP = Inductively coupled plasma emission spectroscopy

N.A. = Not analyzed

\* = Analyzed by Acme Laboratories Ltd.

\*\* = Element has been assayed for, see Appendix

FALCONBRIDGE LIMITED

ROCK GEOCHEMICAL ANALYSES

SAMPLE #	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
AB20729*	5231	2594	24246**	19.3	140
AB20731*	83	6	74	0.6	5
AB20732*	332	310	821	2.0	12
AB20738	320	11	1840	2.4	40
AB20756	340	21	1220	2.3	60
AB20757	380	38	600	3.1	65
AB20758	400	22	316	2.3	20
AB20766	360	6	310	1.5	<5
AB20767	400	4	49	0.4	<5
AB20769	4600	2	85	2.7	55
AB20770	8700	2	47	4.8	75
AB20772	900	7	42	0.2	10
AB20785	70	7	25	<0.2	<5
AB20786	157	22	143	0.7	<5
AB20787	8000	37	2800	16.0	<5
AB20823	140	18	52	0.5	<5
AB20825	>20000**	101	5300	>50.0**	2400
AB20826	5320	4	224	3.5	15
AB20827	150	280	88	1.0	<5
AB20828	69	11	90	0.3	<5
AB20829	51	21	85	0.2	<5
AB20830	58	46	220	0.4	<5
AB20831	31	56	200	5.6	25
AB20832	36	10	148	1.2	<5
AB20833	183	>10000**	24	>50.0**	55
AB20834	90	2	32	0.4	**
AB20835	103	2	52	0.5	**
AB20836	138	3	82	0.6	**
AB20837	102	2	64	0.7	**
AB20838	154	<2	48	0.7	**
AB20839	86	<2	29	0.3	**
AB20840	65	<2	104	0.2	**
AB20841	117	350	42	1.4	**

## FALCONBRIDGE LIMITED

## ROCK GEOCHEMICAL ANALYSES

SAMPLE #	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
AB20842	1565	43	50	1.0	30
AB20843	73	20	9800	0.8	25
AB20844	55	5	104	0.5	<5
AB20845	45	13	107	0.4	<5
AB20859*	784	24	386	2.1	7
AB20892	87	12	63	3.0	20
AB20904	81	35	68	1.8	15
AB20928	645	50	610	2.6	10
AB20957	138	127	192	2.1	70
AB20958	90	53	148	1.0	50
AB20959	212	162	325	2.4	110
AB20960	70	220	264	1.8	110
AB20961	126	14	90	0.6	35
AB20962	100	17	94	0.6	35
AB20963	162	402	450	2.0	45
AB20964	114	207	440	1.4	45
AB20965	172	32	136	0.6	20
AB20966	162	77	140	1.2	55
AB20967	73	13	74	0.6	<5
AB20978	1880	<2	30	1.0	**
AB20982	156	<2	72	0.4	**
AB20996	86	<2	60	1.0	**
AB20997	85	<2	50	1.8	**
AB20998	142	<2	74	0.6	**
AB20999	95	<2	60	0.8	**
AB21000	112	<2	80	0.5	**

## FALCONBRIDGE LIMITED

## ASSAY RESULTS

SAMPLE #	Cu ( % )	Pb ( % )	Zn ( % )	Ag (o/t)	Au (o/t)
AB20729*	N.A.	N.A.	2.57	N.A.	N.A.
AB20825	8.80	N.A.	N.A.	4.17	N.A.
AB20833	N.A.	7.80	N.A.	6.24	N.A.
AB20834	N.A.	N.A.	N.A.	N.A.	< 0.002
AB20835	N.A.	N.A.	N.A.	N.A.	0.002
AB20836	N.A.	N.A.	N.A.	N.A.	0.004
AB20837	N.A.	N.A.	N.A.	N.A.	< 0.002
AB20838	N.A.	N.A.	N.A.	N.A.	< 0.002
AB20839	N.A.	N.A.	N.A.	N.A.	0.002
AB20840	N.A.	N.A.	N.A.	N.A.	< 0.002
AB20978	N.A.	N.A.	N.A.	N.A.	0.009
AB20982	N.A.	N.A.	N.A.	N.A.	0.002
AB20996	N.A.	N.A.	N.A.	N.A.	0.002
AB20997	N.A.	N.A.	N.A.	N.A.	< 0.002
AB20998	N.A.	N.A.	N.A.	N.A.	0.002
AB20999	N.A.	N.A.	N.A.	N.A.	< 0.002
AB21000	N.A.	N.A.	N.A.	N.A.	0.004

All samples except AB20729 were assayed by Bondar-Clegg and Company of Vancouver. Sample AB20729 was assayed by Acme Laboratories of Vancouver.

o/t = ounces per ton  
N.A. = not analyzed

APPENDIX IV

GEOPHYSICAL REPORT ON MARIPOSITE 1 & 2 CLAIMS

DELTA GEOPHYSICS

GEOPHYSICAL REPORT  
ON  
MARIPOSITE 1 & 2 CLAIMS  
PRINCE RUPERT MINING DISTRICT, B.C.  
BY  
DELTA GEOSCIENCE LTD.

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## Introduction

This report describes a ground geophysical program carried out on the Mariposite 1 and 2 claims during the period July 18 to July 29, 1986. These claims, which total 16 units, are located in the Prince Rupert Mining District, near the Ecstall River, approximately 100 km. southeast of Prince Rupert, B.C.

The claims are located on an assemblage of Permian metasedimentary and volcanic rocks that exist on a large pendant within the coast range intrusives.

Delta Geoscience Ltd. conducted the field work on behalf of Falconbridge Ltd. The geophysical program was ground follow-up of a helicopter INPUT survey flown by Questor Surveys the previous December. Grant Hendrickson of Delta Geoscience Ltd. supervised both the airborne and subsequent ground geophysical surveys, although at the time of the airborne survey, G. Hendrickson was employed by Kidd Creek Mines Ltd. The airborne survey is reported on separately by Questor Surveys.

Client representative was Frank Hassard, Senior Geologist for Falconbridge Ltd. Grant Hendrickson, in consultant with Frank Hassard, selected airborne anomalies for ground follow-up.

The rugged Coast Range topography of the survey area created problems with certain line locations, thus some compromises were made in the field to facilitate access.

Ground geophysical techniques used included horizontal co-planer loop electromagnetics, V.L.F., and total field magnetics.

Accommodation for the Delta Geoscience Ltd. crew was provided in the camp Falconbridge Ltd. established on the Ecstall River. Access to the grid was provided by helicopter.

Line cutters contracted to Falconbridge Ltd. constructed the grid prior to the arrival of the geophysical crew. The Mariposite grid has 18 kms. of survey line connected by 3 kms. of baseline.



Personnel

Grant Hendrickson - Senior Geophysicist	}	Delta Geoscience Ltd.
Tim Huttemann - Junior Geophysicist		
Scott Cosman - Junior Geophysicist		
Eric Hards - Junior Geophysicist		

Equipment

- 2 - Apex Parametrics MAXMIN 1+ electromagnetic systems.
- 1 - Scintrex I.G.S. II system, configured as a V.L.F/MAG.
- 1 - Scintrex MP-3 base station magnetometer.
- 1 - H.P. 110 field computer, complete with disc drive and printer.

Data Presentation

Data at a scale of 1:2000 is presented in section format as a series of profiles over the topography profile.

Computer listings and plots of the V.L.F/MAG data are provided at the back of this report.

An overall plan showing the grid line locations with the conductor and magnetic axes is also included at a scale of 1:5000. This plan also serves as a location map, since the Ecstall River and its tributaries are shown.

## Survey Procedure

Falconbridge crews ensured that lines 9400N to 5650N were accurately chained. Station interval was set at 20 metre horizontal distance. Certain lines were extended well past the claim boundaries, to ensure adequate background response was measured and to evaluate certain conductors near the edge of the claims. All lines were laid out to cross the expected location of the airborne electromagnetic anomalies at right angles to strike. Line locations were adjusted in the field to avoid precipitous topography as much as possible. Line separation was generally 150 metres. Portable inclinometers were used to calculate the slope corrections and also to provide the data necessary to plot topography profiles.

### Horizontal Co-Planer Loop Electromagnetics (H.L.E.M.)

Coil separations of 160m, 120m, and 80m, were chosen for this survey, since it was obvious from the airborne survey that most conductors were near surface. Maximum depth of detection for vertical bodies is half the coil separation. The 160m. coil separation was used on the northern line, 9400N, since the west end of this line extended into the floor of the valley, where thicker overburden was expected.

For the 80m. coil separation work, the high frequency was moved up to 3555 Hz, to improve the response parameter. This coil separation was used on the shorter lines to improve lateral coverage.

Data was recorded for two frequencies, generally 1777 Hz. and 444 Hz, to help evaluate conductor quality. The higher frequency responds better to poor conductors; the lower frequency only responds to good conductivity, thus some means of discriminating conductivity is provided by recording data at two frequencies. In addition, coil separation errors are quite recognizable in two frequency data.

Topography profiles provided by Falconbridge allowed the geophysical crew to correct the in-phase H.L.E.M. data for coil separation variation and to keep the coils co-planer.

### V.L.F.:

The Seattle V.L.F. station, NLK, transmitting at 24.8 khz, was chosen for this survey. This station was on strike with the expected strike of conductors, thus provided good coupling and excellent primary field strength.

Three components of the V.L.F. field were measured, the horizontal field strength, vertical in-phase and vertical quadrature. Station NLK is generally off for maintenance on Thursday of each week. Unfortunately, no V.L.F./MAG data was obtainable for 7960N, due to the station going off for long term maintenance on the last days of this survey.

Magnetics:

Measurements of the total magnetic field strength were taken simultaneously with the V.L.F. survey. Data was recorded at 20m. horizontal intervals, along the survey lines. Magnetic field measurements were corrected for any diurnal variation, through the use of the MP-3 base station magnetometer located within the Falconbridge camp, north of the Ecstall River. A base station standard of 56600 nanotesla was assumed for this survey. The earth's magnetic field proved quiet during the course of this survey.

### Discussion of the Data

Data quality is generally quite good, despite the rough topography and heavy underbrush found on the Mariposite claims. Some lines were not cut long enough, however sufficient data was obtained to accurately locate and evaluate the anomalies of interest. No data was recorded on two short lines, 8800N and 8650N west side, since surveying to the south showed the anomalies to be off the west end of these two lines. These lines could not be extended due to severe topography problems.

Some difficulties correlating conductors line to line are due to the large line separation, or an insufficient number of lines.

Good correlation generally exists between H.L.E.M. and V.L.F. conductors. The V.L.F. did detect some weak anomalies not detectable with H.L.E.M. This difference should be expected, since the V.L.F. operates at a much higher frequency and conductivity of geological material is almost always a function of frequency. The weaker V.L.F. response may be related to structures such as faults.

Where possible, conductivity thickness and depth estimates are provided on the accompanying profile. These estimates vary from 1 to 40 MHOS. Conductor width and conductivity thickness is difficult to estimate accurately due to interface from weakly conducting zones around the main conductor. Good conductors on the Mariposite claims have tended to be narrow, however depth extent, judging from the profile shapes, is good. All conductors are near surface (subcropping) and generally display a steep east dip. A table listing conductor locations, strengths and depths has been prepared and is included within this report.

On the accompanying profiles, H.L.E.M. anomaly locations are notated by short bars, i.e.  $\text{—}$  strong,  $\text{—}$  weak, whereas V.L.F. conductor axes are indicated by an inverted arrow, i.e.  $\downarrow$ .

Moderate strength magnetic anomalies directly coincident with conductors are likely due to pyrrhotite mineralization. Magnetic anomalies on the Mariposite grid frequently are close to, but not coincident with, the best conductivity. Intense broad magnetic anomalies exist on lines 7300N to 6700N. The lack of any electromagnetic response from these intense magnetic anomalies suggests that they are caused by a magnetite-bearing rock unit.

Interference from multiple adjacent magnetic anomalies has frequently made it difficult to estimate the dip direction. In any case, it is obvious that dip is generally near vertical. If it becomes more important in a particular area to establish the exact dip direction, a portion of the line should be re-read using 10 metre station intervals to improve resolution.

MAIN CONDUCTOR LOCATIONS & STRENGTH

<u>Line</u>	<u>Station</u>	<u>Conductivity-Thickness</u>	<u>Depth</u>
9400N	33+80E	3 MHOS	15m.
9400N	36+84E	1 MHOS	15m.
9100N	36+00E	4 MHOS	5m.
9100N	37+40E	28 MHOS	5m.
8800N	37+55E	40 MHOS	10m.
8650N	37+05E	7 MHOS	5m.
8950N	37+25E	20 MHOS	5m.
7960N	28+25E	1 MHOS	10m.
7450N	29+25E	2 MHOS	8m.
7450N	31+75E	2 MHOS	8m.
7450N	33+65E	1 MHOS	8m.
7300N	29+60E	12 MHOS	5m.
7300N	32+20E	3 MHOS	12m.
7300N	34+00E	1 MHOS	20m.
7150N	29+85E	3 MHOS	8m.
7150N	37+10E	24 MHOS	12m.
7150N	40+95E	3 MHOS	20m.
7000N	30+35E	8 MHOS	5m.
7000N	32+30E	5 MHOS	10m.
7000N	37+20E	20 MHOS	12m.
7000N	41+20E	6 MHOS	15m.
6850N	30+65E	3 MHOS	12m.
6850N	32+35E	2 MHOS	12m.
6850N	37+40E	3 MHOS	8m.
6700N	24+90E	5 MHOS	12m.
6700N	30+80E	1 MHOS	12m.
6700N	32+60E	1 MHOS	12m.
5950N	35+90E	4 MHOS	8m.
5950N	40+05E	3 MHOS	12m.
5800N	36+00E	6 MHOS	12m.
5800N	39+95E	8 MHOS	8m.
5650N	40+10E	5 MHOS	15m.

Conclusion

Interesting bedrock conductors, with or without correlating magnetic anomalies, have been found and evaluated by the various airborne and ground electromagnetic surveys. The better resolution of the ground surveys has shown that conductor axes are not as complicated as suggested by the earlier airborne work.

A broad intense magnetic anomaly caused by a large magnetite-bearing rock unit, exists on the south-west side of the claims.

These conductors should be related to the geology and geochemistry prior to recommending any further follow-up work, although ground geophysical coverage is still minimal at this time. Most conductors have a formational look to them, which is discouraging. Conductive argillites with minor sulphides is the most likely source of the conductivity, however massive sulphide mineralization cannot be ruled out on the basis of the geophysical evidence alone.

The H.L.E.M/V.L.F/MAG ground surveys were an accurate cost effective method of evaluating the INPUT anomalies.



Grant A. Hendrickson.

Statement of Qualification

Grant A. Hendrickson

- B.Science, U.B.C. 1971, Geophysics option.
- for the past 16 years, I have been actively involved in mineral exploration projects throughout Canada and the United States.
- I am a registered Professional Geophysicist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
- I am a member of the S.E.G., E.A.E.G., and C.I.M.



Grant A. Hendrickson.



SCINTREX V1.6

VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 6700.N Grid:

1.

Job:

900.

Date: 86/07/15

Operator:

1.

Station	Vert	IP	Vert	Q	Hor	Fld	Information
2200.E	-18		11		23.80		08:21:15
2220.E	-9		10		24.80		08:22:08
2240.E	-16		11		22.40		08:22:54
2260.E	-2		12		24.60		08:23:43
2280.E	-0		13		24.40		08:24:26
2300.E	-9		14		20.40		08:25:15
2320.E	1		13		23.50		08:26:35
2340.E	3		11		24.00		08:27:23
2360.E	12		13		24.50		08:30:37
2380.E	16		15		24.20		08:31:21
2400.E	21		16		26.30		08:32:43
2420.E	18		11		27.70		08:33:48
2440.E	14		4		28.40		08:35:01
2460.E	15		2		29.90		08:35:58
2480.E	10		10		33.10		08:37:19
2500.E	-24		-1		31.60		08:38:32
2520.E	-29		6		26.60		08:40:29
2540.E	-23		12		24.40		08:42:27
2560.E	-25		1		25.80		08:43:37
2580.E	-30		-3		23.60		08:45:45
2600.E	-28		1		23.00		08:46:49
2620.E	-26		4		22.10		08:48:20
2640.E	-21		4		22.20		08:50:37
2660.E	-21		6		21.50		08:52:23
2680.E	-11		9		22.40		08:54:32
2700.E	-12		6		22.10		08:55:50
2720.E	-7		6		22.20		08:57:49
2740.E	-10		6		21.80		08:59:06
2760.E	-7		8		21.40		09:00:27
2780.E	-1		5		22.20		09:01:58
2800.E	-1		4		21.50		09:02:58
2820.E	2		2		21.30		09:03:56
2840.E	4		3		21.50		09:04:48
2860.E	2		3		21.40		09:05:38
2880.E	7		-1		22.20		09:06:42
2900.E	9		-3		22.70		09:07:39
2920.E	11		-4		22.40		09:09:05
2940.E	12		-6		22.80		09:14:44
2960.E	17		-7		22.30		09:16:26
2980.E	23		-4		22.20		09:18:11
3000.E	30		-3		23.30		09:19:27
3020.E	35		-2		25.00		09:20:37
3040.E	26		-9		27.50		09:21:57
3060.E	11		-22		27.40		09:23:37
3080.E	11		-16		24.00		09:25:02
3100.E	29		-3		24.90		09:26:11
3120.E	38		6		28.40		09:27:44
3140.E	27		8		31.80		09:28:54

3160.E	5	-6	31.90	09:30:13
3180.E	12	8	28.20	09:32:53
3200.E	10	13	29.40	09:33:54
3220.E	-6	2	31.10	09:34:53
3240.E	-22	-3	27.80	09:36:17
3260.E	-27	-8	24.30	09:37:13
3280.E	-24	-3	22.90	09:38:22
3300.E	-17	-0	22.00	09:39:37
3320.E	-11	2	21.60	09:40:48
3340.E	-8	3	21.50	09:41:46
3360.E	-8	2	21.60	09:42:37
3380.E	-4	4	21.30	09:44:07
3400.E	-7	-3	21.90	09:45:20
3420.E	-9	-5	21.80	09:48:41
3440.E	-8	-6	22.10	09:50:15
3460.E	-13	-11	21.30	09:51:35
3480.E	-15	-13	20.50	09:53:32
3500.E	-10	-9	20.40	09:55:02

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SCINTREX V1.6                      VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 7300.N Grid: 1. Job: 900. Date: 86/07/15 Operator: 1.

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Station	Vert	IP	Vert	Q	Hor	Fld	Information
2600.E	-23		-4		21.10		12:08:14
2620.E	-20		-4		21.20		12:06:35
2640.E	-20		-4		21.20		12:05:43
2660.E	-21		-5		20.60		12:04:41
2680.E	-20		-7		21.30		12:03:40
2700.E	-14		-7		21.90		12:02:18
2720.E	-14		-9		22.10		12:00:33
2740.E	-9		-9		22.10		11:58:04
2760.E	-8		-7		21.30		11:56:11
2780.E	-8		-9		21.60		11:54:46
2800.E	-0		-8		21.50		11:52:11
2820.E	-0		-8		21.60		11:49:49
2840.E	4		-8		21.90		11:47:47
2860.E	10		-7		22.50		11:45:11
2880.E	18		-6		22.90		11:43:03
2900.E	25		-4		22.30		11:41:14
2920.E	39		-4		24.40		11:39:02
2940.E	39		5		31.90		11:37:25
2960.E	-11		6		32.60		11:35:50
2980.E	-51		5		22.20		11:32:09
3000.E	-32		18		20.30		11:30:02
3020.E	-13		18		21.00		11:28:19
3040.E	-8		20		20.90		11:27:09
3060.E	-0		18		20.60		11:25:43
3080.E	2		15		21.70		11:24:02
3100.E	6		8		21.30		11:21:55
3120.E	9		9		21.60		11:20:14
3140.E	7		-3		21.90		11:17:41
3160.E	2		-8		21.90		11:16:26
3180.E	11		-7		21.90		11:14:54

3200.E	14	-1	23.10	11:13:42
3220.E	-38	-30	27.80	11:11:24
3240.E	-39	-14	20.80	11:09:06
3260.E	-24	-6	20.10	11:06:12
3280.E	-16	-5	19.50	11:04:01
3300.E	-2	-2	20.80	11:00:56
3320.E	-1	-2	20.50	10:57:30
3340.E	7	-1	20.80	10:54:45
3360.E	8	-1	21.80	10:49:44
3380.E	0	-1	22.50	10:47:15
3400.E	-26	-9	23.20	10:45:33
3420.E	-36	-3	18.80	10:43:27
3440.E	-19	-0	18.50	10:41:04
3460.E	-13	2	18.40	10:39:15
3480.E	-7	2	18.90	10:36:54
3500.E	-6	2	18.20	10:34:34

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 SCINTREX VI.6 VLF M-Field RI.4

VLF #1 24.8KHz

Ser No:840320.

Line: 7450.N Grid: 1. Job: 900. Date: 86/07/15 Operator: 1.

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Station	Vert	IP	Vert	Q	Hor	Fld	Information
2540.E	-18		-9		21.10		12:22:34
2560.E	-18		-9		20.90		12:23:28
2580.E	-17		-11		21.20		12:33:39
2600.E	-17		-14		20.40		12:35:57
2620.E	-17		-14		20.90		12:37:24
2640.E	-19		-16		19.70		12:38:17
2660.E	-14		-15		20.50		12:39:57
2680.E	-11		-11		20.50		12:41:12
2700.E	-9		-11		21.00		12:42:23
2720.E	-3		-11		21.20		12:43:25
2740.E	-3		-12		21.40		12:44:30
2760.E	-0		-12		21.50		12:45:33
2780.E	0		-14		21.40		12:46:48
2800.E	4		-13		21.20		12:47:33
2820.E	10		-11		22.00		12:48:28
2840.E	18		-11		22.50		12:49:27
2860.E	20		-11		22.70		12:52:04
2880.E	31		-2		24.70		12:53:12
2900.E	31		4		27.70		12:54:11
2920.E	8		5		38.00		12:55:22
2940.E	-31		1		26.80		12:56:14
2960.E	-34		7		23.50		12:57:07
2980.E	-26		15		22.50		12:58:00
3000.E	-18		14		21.90		12:58:49
3020.E	-18		17		20.00		12:59:54
3040.E	-4		16		21.40		13:01:05
3060.E	-5		14		20.80		13:01:48
3080.E	7		11		23.80		13:02:44
3100.E	6		11		22.70		13:03:50
3120.E	11		11		25.30		13:04:52
3140.E	-6		3		26.80		13:06:14
3160.E	-8		6		27.80		13:08:15

3180.E	-31	-7	25.10	13:09:15
3200.E	-42	-16	20.00	13:10:48
3220.E	-30	-8	18.40	13:12:22
3240.E	-22	-2	18.40	13:13:39
3260.E	-16	-1	18.60	13:14:32
3280.E	-1	1	20.50	13:15:39
3300.E	2	0	21.50	13:16:55
3320.E	7	1	21.70	13:17:47
3340.E	12	4	23.40	13:19:47
3360.E	-1	3	28.70	13:21:15
3380.E	-33	1	21.50	13:23:26
3400.E	-22	4	20.40	13:24:18
3420.E	-9	4	20.70	13:25:37
3440.E	-8	5	19.50	13:27:29
3460.E	-3	5	19.40	13:28:47
3480.E	-5	7	18.00	13:29:36
3500.E	7	6	20.20	13:30:28
3520.E	9	6	20.00	13:31:51
3540.E	8	9	19.70	13:32:35
3560.E	16	11	20.50	13:33:25
3580.E	16	8	20.70	13:34:13
3600.E	15	9	22.00	13:35:04
3620.E	13	-0	22.90	13:36:04

SCINTREX VI.6 VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 8260.N Grid: 1. Job: 900. Date: 86/07/15 Operator: 1.

Station	Vert	IP	Vert	Q	Hor	Fld	Information
3040.E	-3		17		23.10	15:08:13	
3060.E	-3		14		23.60	15:05:13	
3080.E	-3		11		24.30	15:04:06	
3100.E	0		11		24.20	15:01:38	
3120.E	-3		9		24.30	15:00:20	
3140.E	-0		8		25.00	14:58:53	
3160.E	-6		7		24.60	14:57:49	
3180.E	-9		7		24.60	14:56:27	
3200.E	-16		0		25.10	14:55:07	
3220.E	-21		-2		23.70	14:50:58	
3240.E	-20		-0		22.90	14:48:57	
3260.E	-17		0		22.70	14:47:34	
3280.E	-10		0		24.00	14:45:35	
3300.E	-11		0		23.30	14:44:24	
3320.E	-16		0		22.10	14:42:11	
3340.E	-10		1		24.50	14:39:44	
3360.E	-21		-2		22.50	14:38:43	
3380.E	-20		0		22.30	14:35:51	
3400.E	-10		4		24.90	14:34:38	
3420.E	-34		-5		21.50	14:33:24	
3440.E	-35		-3		20.60	14:32:06	
3460.E	-24		-0		21.50	14:30:37	
3480.E	-25		-1		20.80	14:27:56	
3500.E	-24		-2		19.70	14:26:46	
3520.E	-14		0		22.00	14:25:50	

3540.E	-9	-0	22.80	14:24:07
3560.E	-5	-0	23.10	14:22:16
3580.E	-10	-3	22.40	14:21:09
3600.E	-8	-6	23.00	14:19:57
3620.E	-1	-5	23.60	14:18:34
3640.E	5	-7	24.30	14:17:20
3660.E	-23	-20	20.80	14:15:48

SCINTREX VI.6 VLF M-Field RI.4

VLF #1 24.8KHz

Ser No:840320.

Line: 8400.N Grid: 1. Job: 900. Date: 86/07/15 Operator: 1.

Station	Vert	IP	Vert	Q	Hor	Fld	Information
2720.E	26		-6		28.80	15:57:09	
2740.E	36		-4		36.80	15:45:17	
2760.E	17		6		42.40	15:43:02	
2780.E	9		13		35.70	15:41:37	
2800.E	-2		19		32.30	15:40:19	
2820.E	-6		20		33.10	15:39:08	
2840.E	-20		15		31.10	15:37:41	
2860.E	-33		10		27.50	15:36:05	
2880.E	-36		8		25.20	15:35:10	
2900.E	-29		9		25.20	15:34:12	
2920.E	-26		10		24.80	15:33:05	
2940.E	-24		9		24.70	15:32:01	
2960.E	-22		9		24.30	15:31:01	
2980.E	-19		8		24.10	15:29:35	
3000.E	-18		8		23.70	15:28:32	
3020.E	-16		8		24.10	15:27:31	
3040.E	-7		9		24.70	15:26:34	
3060.E	-7		8		24.00	15:25:36	
3080.E	-7		8		24.20	15:23:26	
3100.E	-9		6		25.20	15:22:23	

SCINTREX VI.6 VLF M-Field RI.4

VLF #1 24.8KHz

Ser No:840320.

Line: 8520.N Grid: 1. Job: 900. Date: 86/07/15 Operator: 1.

Station	Vert	IP	Vert	Q	Hor	Fld	Information
2780.E	-1		18		31.80	16:14:57	
2800.E	-24		14		27.00	16:17:27	
2820.E	-23		15		25.80	16:18:44	
2840.E	-22		14		24.80	16:20:04	
2860.E	-22		15		25.10	16:22:40	
2880.E	-33		4		22.60	16:23:55	
2900.E	-28		3		23.10	16:24:57	
2920.E	-24		5		23.20	16:25:47	
2940.E	-28		3		22.20	16:26:40	
2960.E	-21		3		22.40	16:27:39	
2980.E	-14		4		22.90	16:28:45	
3000.E	-13		4		22.70	16:30:22	
3020.E	-11		6		23.10	16:31:18	
3040.E	-11		6		23.00	16:32:37	
3060.E	-7		5		23.90	16:33:33	
3080.E	-11		2		23.90	16:34:35	
3100.E	-9		0		24.10	16:35:44	

SCINTREX VI.6

VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 7150.N Grid:

1.

Job:

900.

Date: 86/07/14

Operator:

1.

Station	Vert	IP	Vert	Q	Hor	Fld	Information
2480.E	-8		1		33.00		15:48:09
2500.E	-41		-1		23.20		15:50:17
2520.E	-34		1		22.70		15:51:57
2540.E	-40		-0		21.20		15:53:06
2560.E	-29		0		21.10		15:55:18
2580.E	-28		1		21.00		15:57:26
2600.E	-24		1		21.40		15:58:18
2620.E	-19		3		21.70		15:59:18
2640.E	-21		3		21.80		16:00:34
2660.E	-13		3		22.00		16:01:52
2680.E	-13		3		22.10		16:02:53
2700.E	-15		0		21.60		16:04:39
2720.E	-13		-0		21.60		16:05:42
2740.E	-13		-0		20.80		16:06:31
2760.E	-12		-1		20.40		16:07:47
2780.E	-7		-2		22.10		16:09:09
2800.E	-9		-4		20.90		16:11:01
2820.E	-3		-6		21.40		16:14:07
2840.E	0		-7		21.40		16:16:44
2860.E	5		-5		22.30		16:19:42
2880.E	9		-5		21.90		16:22:24
2900.E	10		-6		22.00		16:24:36
2920.E	20		-4		22.50		16:27:47
2940.E	25		-3		23.10		16:30:13
2960.E	33		0		25.90		16:31:21
2980.E	22		1		30.80		16:32:16
3000.E	-22		6		28.00		16:33:59
3020.E	-36		1		22.10		16:35:23
3040.E	-28		13		19.50		16:36:46
3060.E	-11		20		20.30		16:38:44
3080.E	-5		17		20.90		16:39:45
3100.E	6		20		21.50		16:41:00
3120.E	3		-2		22.10		16:42:15
3140.E	6		-5		21.60		16:43:14
3160.E	-1		-5		24.10		16:46:50
3180.E	2		-4		24.20		16:47:49
3200.E	-10		-12		22.10		16:48:44
3220.E	-14		-10		20.80		16:50:34
3240.E	-20		-9		21.90		16:51:28
3260.E	-14		-7		21.40		16:53:06
3280.E	-13		-5		20.50		16:54:22
3300.E	-4		-4		20.50		16:56:04
3320.E	-2		-2		20.40		16:58:03
3340.E	1		-3		20.70		17:00:30
3360.E	3		-2		21.10		17:01:34
3380.E	8		-2		25.80		17:03:20
3400.E	5		-1		22.50		17:04:44
3420.E	-4		-4		23.60		17:06:03
3440.E	-21		-6		22.60		17:07:20
3460.E	-28		-14		18.90		17:09:03
3480.E	-17		-6		18.60		17:11:23
3500.E	-8		-3		18.70		17:12:43
3520.E	-7		-2		18.00		17:13:27
3540.E	2		-0		19.20		17:14:15

3560.E	8	1	19.30	17:15:22
3580.E	11	3	20.20	17:16:31
3600.E	13	6	19.40	17:17:40
3620.E	20	-3	20.90	17:18:29
3640.E	22	-0	24.40	17:19:30
3660.E	-12	-17	21.90	17:20:52
3680.E	-20	-11	18.30	17:24:48
3700.E	0	-0	22.20	17:26:38
3720.E	-27	-5	21.30	17:27:36
3740.E	-33	-9	18.70	17:28:36
3760.E	-26	-4	17.90	17:29:33
3780.E	-16	0	18.50	17:30:15
3800.E	-13	0	18.20	17:31:09
3820.E	-13	3	17.40	17:31:59
3840.E	-1	2	18.70	17:33:05
3860.E	2	6	19.00	17:34:39
3880.E	-2	-0	18.20	17:35:37
3900.E	5	2	19.00	17:36:20
3920.E	6	3	18.80	17:37:11
3940.E	5	2	18.30	17:38:01
3960.E	8	0	18.90	17:38:58
3980.E	2	3	16.70	17:40:05
4000.E	9	2	18.90	17:41:08
4020.E	17	4	19.50	17:42:04
4040.E	18	6	18.50	17:43:00
4060.E	17	8	19.70	17:43:53
4080.E	21	12	22.00	17:44:37
4100.E	7	1	21.30	17:45:17
4120.E	-3	-1	18.40	17:45:57
4140.E	-6	3	16.20	17:46:36
4160.E	0	8	17.40	17:47:20
4180.E	-5	11	16.40	17:48:05
4200.E	-0	10	16.40	17:48:58
4220.E	1	13	15.90	17:49:41
4240.E	8	12	17.50	17:50:22
4260.E	13	11	17.80	17:50:59
4280.E	14	10	18.40	17:51:41
4300.E	7	6	17.60	17:52:27

SCINTREX VI.6

VLF M-Field RI.4

VLF #1 24.8KHz

Ser No:840320.

Line: 6850.N Grid:

1.

Job:

900.

Date: 86/07/14

Operator:

1.

Station	Vert	IP	Vert	Q	Hor	Fld	Information
2120.E	-27		-0		23.90		08:48:34
2140.E	-24		1		24.50		08:49:31
2160.E	-18		4		24.70		08:50:22
2180.E	-16		3		24.70		08:51:14
2200.E	-18		2		24.50		08:52:09
2220.E	-14		5		25.10		08:53:01
2240.E	-10		8		24.90		08:53:53
2260.E	-6		8		25.40		08:55:14
2280.E	-9		3		25.10		08:56:41
2300.E	-6		3		24.40		08:57:51
2320.E	-2		4		25.50		08:59:19
2340.E	6		5		26.20		09:00:19
2360.E	9		9		26.40		09:01:12
2380.E	11		10		28.00		09:02:08
2400.E	4		2		29.40		09:03:05
2420.E	-2		2		28.70		09:04:12
2440.E	-10		2		27.80		09:05:15
2460.E	-15		-1		27.80		09:06:10
2480.E	-17		4		26.00		09:08:01
2500.E	-24		5		23.30		09:09:13
2520.E	-19		6		25.30		09:11:54
2540.E	-26		0		24.80		09:13:28
2560.E	-26		-0		23.50		09:15:58
2580.E	-27		2		22.80		09:17:13
2600.E	-25		4		22.20		09:19:00
2620.E	-19		5		22.10		09:22:10
2640.E	-16		4		22.30		09:26:51
2660.E	-18		5		21.40		09:28:28
2680.E	-14		6		21.90		09:30:23
2700.E	-8		5		22.70		09:32:19
2720.E	-10		7		22.40		09:34:07
2740.E	-5		3		22.00		09:36:12
2760.E	-2		4		22.00		09:37:01
2780.E	-1		1		22.40		09:38:42
2800.E	-0		-0		22.90		09:39:45
2820.E	0		-1		22.70		09:41:02
2840.E	-4		0		22.00		09:43:11
2860.E	6		-3		23.60		09:46:09
2880.E	8		-4		23.50		09:48:21
2900.E	12		-5		23.60		09:49:25
2920.E	11		-5		22.80		09:51:44
2940.E	17		-6		23.60		09:53:34
2960.E	22		-4		24.20		09:55:21
2980.E	25		-6		25.10		09:56:37
3000.E	32		-3		26.10		09:58:29
3020.E	29		-8		26.70		10:00:05
3040.E	24		-8		32.00		10:04:01
3060.E	-36		-35		25.60		10:06:50



3080.E	0	-2	24.50	10:11:13
3100.E	-38	-1	26.00	10:13:09
3120.E	-12	9	24.50	10:15:28
3140.E	-5	9	24.70	10:16:59
3160.E	-1	5	25.10	10:22:24
3180.E	2	7	26.20	10:23:36
3200.E	-0	2	26.70	10:24:26
3220.E	-18	-5	25.60	10:26:20
3240.E	-36	-19	22.30	10:27:33
3260.E	-31	-12	20.40	10:30:04
3280.E	-20	-2	20.90	10:32:13
3300.E	-10	2	21.30	10:33:58
3320.E	-1	4	21.70	10:35:27
3340.E	4	6	22.80	10:37:39
3360.E	1	7	22.70	10:39:13
3380.E	-0	4	23.20	10:40:23
3400.E	-4	-11	22.90	10:43:50
3420.E	-7	-9	22.00	10:45:14
3440.E	-5	-6	23.10	10:47:01
3460.E	-11	-11	22.70	10:48:07
3480.E	-13	-12	22.00	10:49:28
3500.E	-11	-7	21.20	10:51:05
3520.E	-5	-4	20.40	10:52:24
3540.E	0	-3	21.20	10:53:26
3560.E	4	-0	21.30	10:54:38
3580.E	2	-3	20.80	10:55:39
3600.E	4	-2	21.70	10:56:40
3620.E	8	-3	21.40	10:58:27
3640.E	18	3	22.20	11:04:52
3660.E	17	.0	25.20	11:06:25
3680.E	4	-15	22.70	11:07:46
3700.E	-0	-14	25.00	11:09:01
3720.E	-3	-7	24.10	11:10:15
3740.E	-49	-11	19.20	11:11:40
3760.E	-37	-9	18.00	11:13:07
3780.E	-31	-5	17.90	11:14:31
3800.E	-17	-1	18.70	11:15:40
3820.E	-18	1	17.70	11:17:43
3840.E	-13	2	17.60	11:19:28
3860.E	-8	2	17.90	11:21:08
3880.E	-5	3	17.90	11:21:55
3900.E	-2	3	17.50	11:22:49
3920.E	5	1	19.10	11:23:58
3940.E	5	2	18.40	11:25:18
3960.E	9	4	19.40	11:26:33
3980.E	9	3	18.80	11:27:28
4000.E	16	5	19.10	11:29:12
4020.E	17	7	19.70	11:30:45
4040.E	15	8	19.50	11:32:10
4060.E	20	10	21.40	11:33:15
4080.E	22	13	22.10	11:34:18
4100.E	1	-1	22.90	11:35:23
4120.E	-16	-7	21.30	11:37:07
4140.E	-8	-1	21.30	11:38:04
4160.E	-2	2	20.60	11:39:09

4180.E	7	3	21.20	11:40:13
4200.E	8	1	21.40	11:41:29
4220.E	8	2	20.90	11:42:37
4240.E	8	0	21.40	11:43:25
4260.E	9	0	21.30	11:44:08
4280.E	7	-0	20.70	11:45:01

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SCINTREX VI.6            VLF M-Field RI.4

VLF #1 24.8KHz

Ser No:840320.

Line: 7000.N Grid:        1. Job:        900. Date: 86/07/14 Operator:        1.

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Station	Vert	IP	Vert	Q	Hor	Fld	Information
2420.E	-0		-4		28.00		15:30:47
2440.E	-13		-1		26.20		15:29:16
2460.E	-25		-5		26.00		15:28:15
2480.E	-24		1		24.50		15:27:20
2500.E	-21		6		24.10		15:26:00
2520.E	-15		14		24.60		15:24:18
2540.E	-22		2		24.40		15:23:26
2560.E	-25		4		24.80		15:22:08
2580.E	-26		6		23.80		15:20:33
2600.E	-21		5		23.80		15:18:52
2620.E	-19		5		23.60		15:17:08
2640.E	-19		5		23.80		15:14:36
2660.E	-17		7		23.20		15:11:52
2680.E	-14		8		23.50		15:10:23
2700.E	-15		9		22.70		15:09:10
2720.E	-11		7		23.70		15:05:18
2740.E	-10		5		23.30		15:02:08
2760.E	-9		3		23.40		15:00:44
2780.E	-14		1		22.40		14:59:02
2800.E	-5		0		23.20		14:56:41
2820.E	-10		-0		22.10		14:55:26
2840.E	-3		-5		23.40		14:52:01
2860.E	-4		-2		22.60		14:49:30
2880.E	3		-3		23.80		14:48:03
2900.E	5		-5		24.20		14:41:49
2920.E	5		-6		24.10		14:39:39
2940.E	10		-6		24.20		14:37:20
2960.E	17		-5		25.30		14:34:03
2980.E	22		-4		26.30		14:31:06
3000.E	18		-5		27.50		14:28:57
3020.E	16		6		34.50		14:27:19
3040.E	-32		1		31.40		14:25:55
3060.E	-38		6		23.10		14:24:19
3080.E	-21		9		23.40		14:22:16
3100.E	-16		15		22.40		14:20:32
3120.E	-9		9		22.50		14:19:21
3140.E	-5		-4		22.60		14:17:31
3160.E	0		-8		22.30		14:15:23
3180.E	-0		-5		20.70		14:14:06
3200.E	9		-2		25.60		14:11:17
3220.E	-19		-3		28.90		14:08:07
3240.E	-43		-10		21.90		14:05:26

3260.E	-34	-3	19.90	14:03:55
3280.E	-18	-0	20.50	14:02:17
3300.E	-8	1	21.70	14:01:06
3320.E	-5	1	21.70	13:58:43
3340.E	0	1	22.20	13:57:17
3360.E	0	2	22.50	13:54:49
3380.E	0	-5	22.80	13:53:19
3400.E	0	-7	22.70	13:48:54
3420.E	-2	-7	23.10	13:46:06
3440.E	-10	-12	22.90	13:41:37
3460.E	-20	-18	21.00	13:39:16
3480.E	-13	-11	21.00	13:36:22
3500.E	-9	-4	21.00	13:32:13
3520.E	-0	-1	21.10	13:29:17
3540.E	2	0	21.10	13:26:44
3560.E	4	0	21.40	13:24:25
3580.E	2	2	21.30	13:22:30
3600.E	4	1	20.70	13:19:49
3620.E	9	1	21.90	13:18:15
3640.E	9	3	22.30	13:17:19
3660.E	4	-11	23.40	13:15:55
3680.E	2	-13	24.10	13:13:16
3700.E	4	-8	25.00	13:10:00
3720.E	-33	-8	27.40	13:06:51
3740.E	-39	-2	20.70	13:04:57
3760.E	-28	-1	19.80	13:03:21
3780.E	-19	-0	19.40	13:01:16
3800.E	-20	1	18.80	12:59:41
3820.E	-10	3	19.00	12:58:29
3840.E	-8	4	18.90	12:56:21
3860.E	-4	3	19.40	12:54:47
3880.E	-0	4	19.20	12:53:40
3900.E	4	2	18.80	12:28:29
3920.E	1	3	17.40	12:27:15
3940.E	9	4	19.20	12:25:58
3960.E	5	4	17.90	12:24:41
3980.E	12	2	19.30	12:22:53
4000.E	16	3	19.30	12:20:39
4020.E	21	4	18.70	12:19:01
4040.E	24	7	19.90	12:17:46
4060.E	29	12	20.90	12:16:40
4080.E	30	10	21.30	12:15:35
4100.E	14	4	23.30	12:14:23
4120.E	-2	-3	22.00	12:13:21
4140.E	-8	3	20.50	12:12:12
4160.E	-8	6	19.40	12:11:06
4180.E	-6	9	19.20	12:10:20
4200.E	-1	8	19.00	12:09:27
4220.E	-3	13	18.40	12:08:26

-----  
SCINTREX VI.6 VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 1111.N Grid: 1. Job: 900. Date: 86/07/13 Operator: 1.

-----  
Station Vert IP Vert Q Hor Fld Information  
3420.E -30 14 26.70 18:57:26

-----  
SCINTREX VI.6 VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 5800.N Grid: 1. Job: 900. Date: 86/07/13 Operator: 1.

-----  
Station Vert IP Vert Q Hor Fld Information  
3420.E -31 -17 19.20 16:16:00  
3440.E -24 -22 18.50 16:17:12  
3460.E -22 -18 18.00 16:19:18  
3480.E -17 -14 18.20 16:20:39  
3500.E -12 -9 18.90 16:22:08  
3520.E 0 -7 20.60 16:24:49  
3540.E 5 2 23.30 16:26:16  
3560.E -5 -25 23.30 16:28:07  
3580.E -13 -14 29.40 16:30:08  
3600.E -60 -17 19.10 16:31:23  
3620.E -61 -13 17.10 16:32:24  
3640.E -59 -9 16.20 16:33:53  
3660.E -50 -7 15.70 16:35:04  
3680.E -45 -3 16.10 16:36:09  
3700.E -37 -3 16.20 16:37:08  
3720.E -32 -4 15.90 16:38:13  
3740.E -29 -6 16.40 16:40:22  
3760.E -19 -5 16.80 16:41:24  
3780.E -16 -6 16.80 16:42:49  
3800.E -6 -6 16.90 16:44:38  
3820.E -3 -6 16.90 16:46:01  
3840.E 1 -4 17.30 16:48:21  
3860.E 9 -3 17.70 16:49:39  
3880.E 13 -3 18.00 16:51:07  
3900.E 21 -2 18.10 16:52:27  
3920.E 25 1 18.90 16:53:33  
3940.E 35 -0 19.40 16:55:03  
3960.E 43 2 21.50 16:56:01  
3980.E 57 7 26.80 16:56:55  
4000.E -61 -30 29.30 16:58:44  
4020.E -52 -19 16.20 17:01:33  
4040.E -38 -12 15.60 17:02:57  
4060.E -22 -4 15.70 17:04:08  
4080.E -7 -0 16.20 17:06:00  
4100.E 10 6 17.10 17:07:24  
4120.E 13 8 17.60 17:08:23  
4140.E 15 6 18.80 17:09:13  
4160.E 19 5 20.40 17:10:11  
4180.E 16 1 20.60 17:11:03  
4200.E 17 -1 21.90 17:12:21

4220.E	14	-2	21.80	17:13:20
4240.E	10	-2	21.90	17:14:05
4260.E	9	-1	21.70	17:15:01
4280.E	6	0	21.70	17:16:07
4300.E	6	-0	21.60	17:17:23

SCINTREX V1.6 VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 5950.N Grid: 1. Job: 900. Date: 86/07/13 Operator: 1.

Station	Vert	IP	Vert	Q	Hor	Fld	Information
3440.E	-12		-4		18.10		18:19:13
3460.E	-12		-1		17.50		18:18:14
3480.E	-6		-4		18.60		18:17:21
3500.E	3		-3		19.10		18:16:13
3520.E	7		-2		20.30		18:14:41
3540.E	10		0		21.70		18:13:34
3560.E	17		-3		23.80		18:12:23
3580.E	22		-3		30.20		18:11:20
3600.E	-53		-25		24.10		18:10:13
3620.E	-64		-20		17.00		18:09:07
3640.E	-58		-18		15.40		18:07:53
3660.E	-51		-13		15.20		18:04:57
3680.E	-50		-7		14.10		18:03:30
3700.E	-33		-7		15.10		18:02:09
3720.E	-29		-5		15.20		18:00:56
3740.E	-19		-2		15.50		17:59:43
3760.E	-15		-2		15.50		17:58:17
3780.E	-8		-1		15.70		17:56:28
3800.E	-8		0		15.80		17:54:45
3820.E	2		-0		16.70		17:53:20
3840.E	2		2		15.90		17:51:31
3860.E	15		3		17.20		17:49:59
3880.E	15		2		17.70		17:49:09
3900.E	19		2		17.80		17:47:53
3920.E	22		2		18.80		17:46:48
3940.E	25		3		18.90		17:45:40
3960.E	34		5		21.40		17:44:15
3980.E	45		10		24.20		17:43:09
4000.E	18		3		36.70		17:42:04
4020.E	-52		-17		17.50		17:40:45
4040.E	-33		-6		15.90		17:39:33
4060.E	-14		-1		16.70		17:38:23
4080.E	-6		3		16.70		17:36:56
4100.E	1		3		18.50		17:35:59
4120.E	7		4		18.80		17:35:00
4140.E	8		6		19.60		17:33:15
4160.E	6		4		19.90		17:32:15
4180.E	9		5		20.20		17:30:55
4200.E	9		5		21.10		17:30:03
4220.E	9		4		21.40		17:28:55
4240.E	6		4		21.00		17:28:02
4260.E	6		4		21.40		17:27:09
4280.E	7		4		21.30		17:26:20
4300.E	9		4		20.90		17:25:19

-----  
SCINTREX VI.6 VLF M-Field RI.4

VLF #1 24.8KHz

Ser No:840320.

Line: 5650.N Grid:

1.

Job:

900.

Date: 86/07/11

Operator:

1.  
-----

Station	Vert	IP	Vert	Q	Hor	Fld	Information
3580.E	-29		-6		28.50		16:34:08
3600.E	-73		-21		21.00		16:30:56
3620.E	-85		-23		16.40		16:27:45
3640.E	-24		-15		15.00		16:23:32
3660.E	-60		-11		15.50		16:19:05
3680.E	-46		-8		16.00		16:16:05
3700.E	-38		-7		16.80		16:14:22
3720.E	-30		-4		17.20		16:12:00
3740.E	-30		-2		15.00		16:10:39
3760.E	-15		-3		17.70		16:08:48
3780.E	-11		-3		18.30		16:07:34
3800.E	-4		-3		18.40		16:05:39
3820.E	-9		-4		18.00		16:03:59
3840.E	-7		-7		17.80		16:02:04
3860.E	-2		-5		18.50		15:55:35
3880.E	-2		-4		18.50		15:53:20
3900.E	8		-5		19.20		15:51:49
3920.E	14		-4		20.20		15:49:51
3940.E	18		-3		21.30		15:48:37
3960.E	21		-1		21.90		15:47:19
3980.E	32		0		24.00		15:45:56
4000.E	30		1		28.10		15:44:38
4020.E	-39		-26		24.40		15:40:01
4040.E	-36		-14		19.10		15:38:10
4060.E	-24		-10		18.70		15:36:53

-----  
SCINTREX VI.6 VLF M-Field RI.4

VLF #1 24.8KHz

Ser No:840320.

Line: 8520.N Grid: 1. Job: 900. Date: 86/07/16 Operator: 1.  
-----

Station	Vert	IP	Vert	Q	Hor	Fld	Information
3540.E	-2		-9		17.90	09:18:15	
3560.E	-1		-12		18.10	09:19:20	
3580.E	7		-10		18.50	09:20:42	
3600.E	10		-15		18.90	09:21:43	
3620.E	18		-19		18.80	09:22:42	
3640.E	17		-23		21.70	09:23:54	
3660.E	-15		2		20.30	09:24:51	
3680.E	-6		-6		18.50	09:25:47	
3700.E	-4		-9		18.60	09:26:44	
3720.E	-26		-1		19.40	09:28:04	
3740.E	-20		25		17.90	09:28:58	
3760.E	-6		17		18.80	09:30:24	
3780.E	-5		13		18.10	09:31:33	

-----  
SCINTREX VI.6 VLF M-Field RI.4

VLF #1 24.8KHz

Ser No:840320.

Line: 8650.N Grid: 1. Job: 900. Date: 86/07/16 Operator: 1.  
-----

Station	Vert	IP	Vert	Q	Hor	Fld	Information
3580.E	16		-4		18.60	09:01:31	
3600.E	25		-3		20.40	09:00:21	
3620.E	27		-7		23.20	08:59:20	
3640.E	-14		-17		18.50	08:56:31	
3660.E	5		-5		18.50	08:54:42	
3680.E	17		-7		19.50	08:53:20	
3700.E	4		-0		20.40	08:49:55	
3720.E	22		-22		19.50	08:48:48	
3740.E	11		33		21.30	08:47:32	
3760.E	-21		21		19.70	08:45:47	
3780.E	-9		15		20.10	08:44:49	
3800.E	-4		11		20.60	08:43:51	
3820.E	-4		6		20.90	08:42:35	
3840.E	0		5		20.60	08:40:54	
3860.E	-5		2		19.00	08:38:27	
3880.E	-0		3		18.20	08:36:12	
3900.E	2		4		19.00	08:34:17	
3920.E	11		2		21.00	08:32:24	
3940.E	9		0		20.60	08:30:39	
3960.E	13		-1		20.90	08:28:10	
3980.E	10		-3		20.10	08:26:00	
4000.E	12		-2		19.40	08:24:25	
4020.E	19		-2		21.00	08:21:55	
4040.E	12		-7		20.40	08:19:00	
4060.E	7		-14		19.10	08:17:19	

-----  
SCINTREX V1.6 VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 8800.N Grid: 1. Job: 900. Date: 86/07/16 Operator: 1.

-----  
Station Vert IP Vert Q Hor Fld Information  
3560.E 5 -5 20.80 10:02:24  
3580.E 14 -3 21.90 10:03:42  
3600.E 15 -7 22.90 10:04:34  
3620.E 1 -19 23.70 10:05:38  
3640.E -8 -22 17.90 10:06:57  
3660.E 2 -11 18.30 10:08:15  
3680.E 17 -7 19.70 10:09:33  
3700.E 25 -7 20.20 10:11:36  
3720.E 44 -2 22.20 10:13:16  
3740.E 7 10 27.00 10:15:34  
3760.E 1 12 25.40 10:16:42  
3780.E -20 12 22.30 10:17:33  
3800.E -19 11 20.40 10:18:46  
3820.E -12 4 21.00 10:19:54  
3840.E -2 4 22.00 10:21:06  
3860.E -4 2 21.40 10:22:24  
3880.E 2 1 22.30 10:23:25  
3900.E -2 -2 20.30 10:24:18  
-----

SCINTREX V1.6 VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 8950.N Grid: 1. Job: 900. Date: 86/07/16 Operator: 1.

-----  
Station Vert IP Vert Q Hor Fld Information  
3500.E -5 -19 19.60 11:29:46  
3520.E 1 -15 21.00 11:27:12  
3540.E 1 -20 20.40 11:26:02  
3560.E 6 -17 20.70 11:24:24  
3580.E 9 -17 20.90 11:23:16  
3600.E 12 -19 21.30 11:21:19  
3620.E 5 -15 20.10 11:18:02  
3640.E 12 -15 18.80 11:14:02  
3660.E 32 -26 21.00 11:12:56  
3680.E 10 -3 22.00 11:11:50  
3700.E 22 -15 23.60 11:10:52  
3720.E 34 -2 24.30 11:09:45  
3740.E 29 5 25.60 11:08:52  
3760.E -21 6 29.30 11:07:59  
3780.E -13 9 24.10 11:06:58  
3800.E -21 2 23.40 11:05:57  
-----

SCINTREX V1.6 VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: 9100.N Grid: 1. Job: 900. Date: 86/07/16 Operator: 1.

-----  
Station Vert IP Vert Q Hor Fld Information  
3440.E 1 -8 19.50 11:48:21  
3460.E 3 -9 19.90 11:49:28  
3480.E 11 -10 20.80 11:50:24  
-----



3500.E	8	-14	20.70	11:51:24
3520.E	9	-16	20.70	11:52:43
3540.E	15	-21	20.90	11:53:36
3560.E	17	-23	20.40	11:54:49
3580.E	27	-24	20.90	11:56:45
3600.E	46	-26	23.50	11:58:39
3620.E	13	-11	23.30	11:59:50
3640.E	18	-7	23.30	12:01:15
3660.E	38	-4	26.00	12:05:04
3680.E	21	-2	29.80	12:06:38
3700.E	-0	-12	25.60	12:08:11
3720.E	23	-11	25.60	12:09:34
3740.E	36	-1	36.20	12:10:37
3760.E	4	-1	28.40	12:11:55
3780.E	-20	-2	34.60	12:13:03
3800.E	-60	-0	19.40	12:14:06

-----

SCINTREX V1.6            VLF M-Field R1.4

VLF #1 24.8KHz

Ser No:840320.

Line: ~~8350.N~~ <sup>2100N</sup> Grid:            1.    Job:        900.    Date: 86/07/16    Operator:        1.

-----

Station	Vert	IP	Vert Q	Hor Fld	Information
2700.E	11		-11	27.40	13:36:57
2720.E	12		-11	27.60	13:35:59
2740.E	18		-11	28.00	13:35:04
2760.E	12		-11	27.50	13:34:11
2780.E	16		-11	27.30	13:33:23
2800.E	17		-11	28.20	13:32:25
2820.E	18		-13	27.70	13:31:33
2840.E	16		-14	27.30	13:30:37
2860.E	16		-15	26.80	13:29:35
2880.E	19		-17	26.50	13:28:45
2900.E	22		-18	26.20	13:27:53
2920.E	24		-19	26.10	13:27:02
2940.E	30		-19	26.30	13:26:04
2960.E	34		-19	25.60	13:24:49
2980.E	40		-19	26.30	13:24:08
3000.E	34		-20	26.40	13:22:03
3020.E	30		-23	24.20	13:21:08
3040.E	35		-21	26.90	13:20:01
3060.E	37		-21	28.10	13:18:30
3080.E	38		-20	28.50	13:17:05
3100.E	38		-18	29.00	13:14:59
3120.E	32		-19	28.60	13:13:46
3140.E	32		-18	27.70	13:12:49
3160.E	27		-17	26.70	13:11:49
3180.E	31		-18	26.90	13:11:02
3200.E	34		-20	26.60	13:10:04
3220.E	29		-21	26.70	13:09:05

Station	Vert	IP	Vert	Q	Hor	Fld	Information
3220.E	15	-21	25.60	13:06:09			
3240.E	15	-24	24.50	13:05:09			
3260.E	23	-24	26.30	13:04:04			
3280.E	32	-24	26.20	13:03:00			
3300.E	38	-24	25.80	13:02:00			
3320.E	47	-24	24.40	13:01:03			
3340.E	57	-21	27.30	12:59:59			
3360.E	66	-15	30.50	12:58:37			
3380.E	42	-2	35.40	12:57:49			
3400.E	14	3	27.70	12:56:56			
3420.E	10	13	23.80	12:56:02			
3440.E	14	11	23.10	12:55:12			
3460.E	22	10	23.80	12:54:12			
3480.E	29	7	24.50	12:53:17			
3500.E	28	1	25.30	12:52:01			
3520.E	24	-3	25.60	12:49:46			
3540.E	21	-7	25.50	12:48:47			
3560.E	25	-9	26.20	12:47:48			
3580.E	26	-9	26.40	12:46:55			
3600.E	34	-9	28.50	12:45:52			
3620.E	32	-11	28.70	12:44:38			
3640.E	28	-12	30.70	12:43:11			
3660.E	25	-19	29.90	12:42:17			
3680.E	36	-13	32.20	12:41:13			
3700.E	-7	-16	26.60	12:39:55			
3720.E	1	-8	25.10	12:38:53			
3740.E	9	-5	26.20	12:37:29			
3760.E	9	-8	27.00	12:36:45			

-----  
 SCINTREX V1.6      Magnetometer R1.7  
 Base Field: 56600.      \*=Uncorrected Data      Ser No:840320.  
 Line: 5650.N Grid:      1.      Job:      900.      Date: 86/07/11      Operator:      1.  
 -----

x Total Field (Gammas)			1.6xF	.8xF	- Bias +	.8xF	1.6xF
Bias:	56800. F = 1000.						
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Bias:	56800. F = 100.						
Station	Mag Fld	Change	:	:	:	:	:
3580.E	56667.8	:	.	o	x	.	:
3600.E	56547.9	-119.9:	.	o	x	.	:
3620.E	56545.8	-2.1:	.	o	x	.	:
3640.E	56570.4	24.6:	.	o	x	.	:
3660.E	56591.7	21.3:	.	o	x	.	:
3680.E	56608.9	17.2:	.	o	x	.	:
3700.E	56598.2	-10.7:	.	o	x	.	:
3720.E	56620.0	21.8:	.	o	x	.	:
3740.E	56645.4	25.4:	.	o	x	.	:
3760.E	56631.2	-14.2:	.	o	x	.	:
3780.E	56665.9	34.7:	.	o	x	.	:
3800.E	56661.5	-4.4:	.	o	x	.	:
3820.E	56653.7	-7.8:	.	o	x	.	:
3840.E	56658.7	5.0:	.	o	x	.	:
3860.E	56654.9	-3.8:	.	o	x	.	:
3880.E	56652.4	-2.5:	.	o	x	.	:
3900.E	56661.3	8.9:	.	o	x	.	:
3920.E	56656.1	-5.2:	.	o	x	.	:
3940.E	56672.7	16.6:	.	o	x	.	:
3960.E	56681.9	9.2:	.	o	x	.	:
3980.E	56691.7	9.8:	.	o	x	.	:
4000.E	56842.8	151.1:	.	.	.xo	.	:
4020.E	56701.4	-141.4:	.	o	x	.	:
4040.E	56685.8	-15.6:	.	o	x	.	:
4060.E	56696.4	10.6:	.	o	x	.	:

-----  
 SCINTREX V1.6            Magnetometer R1.7  
 Base Field: 56600.        \*=Uncorrected Data        Ser No:840320.  
 Line: 5800.N Grid:        1.        Job:        900.        Date: 86/07/13        Operator:        1.  
 -----

x Total Field (Gammas)			1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:	:
3420.E	56695.3		:	.	o x.	.	:
3440.E	56745.6	50.3:	:	.	. o x.	.	:
3460.E	56799.8	54.2:	:	.	. #	.	:
3480.E	57251.3	451.5:	:	.	.	.x	o :
3500.E	56806.5	-444.8:	:	.	. #	.	:
3520.E	56915.8	109.3:	:	.	.	.x .o	:
3540.E	56688.1	-227.7:	:	.	o. x.	.	:
3560.E	56569.0	-119.1:	:	.	o . x	.	:
3580.E	56578.6	9.6:	:	.	o . x	.	:
3600.E	56722.2	143.6:	:	.	.o x.	.	:
3620.E	56598.9	-123.3:	:	.	o . x	.	:
3640.E	56606.4	7.5:	:	.	o . x	.	:
3660.E	56628.4	22.0:	:	.	o . x	.	:
3680.E	56645.1	16.7:	:	.	o . x	.	:
3700.E	56613.3	-31.8:	:	.	o . x	.	:
3720.E	56622.3	9.0:	:	.	o . x	.	:
3740.E	56632.0	9.7:	:	.	o . x	.	:
3760.E	56633.7	1.7:	:	.	o . x	.	:
3780.E	56630.7	-3.0:	:	.	o . x	.	:
3800.E	56641.5	10.8:	:	.	o . x	.	:
3820.E	56651.3	9.8:	:	.	o . x	.	:
3840.E	56635.3	-16.0:	:	.	o . x	.	:
3860.E	56640.5	5.2:	:	.	o . x	.	:
3880.E	56646.9	6.4:	:	.	o . x	.	:
3900.E	56652.6	5.7:	:	.	o . x	.	:
3920.E	56660.0	7.4:	:	.	o . x	.	:
3940.E	56668.3	8.3:	:	.	o . x	.	:
3960.E	56675.9	7.6:	:	.	o. x	.	:
3980.E	56671.5	-4.4:	:	.	o. x	.	:
4000.E	56630.5	-41.0:	:	.	o . x	.	:
4020.E	56670.5	40.0:	:	.	o. x	.	:
4040.E	56694.9	24.4:	:	.	o x.	.	:
4060.E	56691.4	-3.5:	:	.	o x.	.	:
4080.E	56682.7	-8.7:	:	.	o. x.	.	:
4100.E	56693.5	10.8:	:	.	o x.	.	:
4120.E	56720.1	26.6:	:	.	.o x.	.	:
4140.E	56727.3	7.2:	:	.	.o x.	.	:
4160.E	56754.8	27.5:	:	.	. ox.	.	:
4180.E	56785.2	30.4:	:	.	. ox	.	:
4200.E	56791.4	6.2:	:	.	. #	.	:
4220.E	56802.9	11.5:	:	.	. #	.	:
4240.E	56812.7	9.8:	:	.	. xo	.	:
4260.E	56850.5	37.8:	:	.	. .x o	.	:
4280.E	56861.2	10.7:	:	.	. .x o	.	:
4300.E	56862.3	1.1:	:	.	. .x o	.	:

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 SCINTREX V1.6                    Magnetometer R1.7  
 Base Field: 56600.                \*\*Uncorrected Data            Ser No:840320.  
 Line: 5950.N Grid:                1.            Job:    900.            Date: 86/07/13            Operator:            1.  
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x Total Field (Gammas)			1.6xF	.8xF	- Bias +	.8xF	1.6xF
Bias:	56800.	F = 1000.					
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Bias:	56800.	F = 100.					
Station	Mag Fld	Change	:	:	:	:	:
3440.E	56683.0	:	.	.	o.	x.	.
3460.E	56865.0	182.0:	.	.	.	.x o.	.
3480.E	57129.0	264.0:	.	.	.	.x.	.o
3500.E	56818.9	-310.1:	.	.	.	xo	.
3520.E	57095.7	276.8:	.	.	.	.x.	o
3540.E	56575.6	-520.1:	.	o	.	.x	.
3560.E	56459.1	-116.5:	o.	.	.	.x	.
3580.E	56666.5	207.4:	.	.	o.	.x	.
3600.E	56580.7	-85.8:	.	o	.	.x	.
3620.E	56591.9	11.2:	.	o	.	.x	.
3640.E	56593.9	2.0:	.	o	.	.x	.
3660.E	56591.1	-2.8:	.	o	.	.x	.
3680.E	56610.5	19.4:	.	o	.	.x.	.
3700.E	56620.5	10.0:	.	o	.	.x	.
3720.E	56623.7	3.2:	.	o	.	.x	.
3740.E	56626.4	2.7:	.	o	.	.x	.
3760.E	56607.4	-19.0:	.	o	.	.x	.
3780.E	56634.3	26.9:	.	o	.	.x	.
3800.E	56667.6	33.3:	.	o	.	.x	.
3820.E	56660.7	-6.9:	.	o	.	.x	.
3840.E	56673.0	12.3:	.	o	.	.x	.
3860.E	56663.3	-9.7:	.	o	.	.x	.
3880.E	56679.6	16.3:	.	o	.	.x	.
3900.E	56687.4	7.8:	.	o	.	.x	.
3920.E	56672.6	-14.8:	.	o	.	.x	.
3940.E	56669.8	-2.8:	.	o	.	.x	.
3960.E	56682.2	12.4:	.	o	.	.x	.
3980.E	56675.9	-6.3:	.	o	.	.x	.
4000.E	56721.8	45.9:	.	.	.o	.x	.
4020.E	56697.6	-24.2:	.	.	o	.x	.
4040.E	56666.1	-31.5:	.	o	.	.x	.
4060.E	56710.3	44.2:	.	.	.o	.x	.
4080.E	56726.3	16.0:	.	.	.o	.x	.
4100.E	56737.7	11.4:	.	.	.o	.x	.
4120.E	56744.5	6.8:	.	.	.o	.x	.
4140.E	56753.4	8.9:	.	.	.ox	.	.
4160.E	56758.6	5.2:	.	.	.ox	.	.
4180.E	56776.5	17.9:	.	.	.ox	.	.
4200.E	56788.1	11.6:	.	.	.ox	.	.
4220.E	56805.9	17.8:	.	.	#	.	.
4240.E	56816.6	10.7:	.	.	.xo	.	.
4260.E	56826.1	9.5:	.	.	.xo	.	.
4280.E	56835.1	9.0:	.	.	.x o	.	.
4300.E	56854.4	19.3:	.	.	.x o	.	.

SCINTREX VI.6 Magnetometer RI.7  
 Base Field: 56600. \*Uncorrected Data Ser No:840320.  
 Line: 6850.N Grid: 1. Job: 900. Date: 86/07/14 Operator: 1.

x Total Field (Gammas)			1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:	:
2120.E	56687.1		.	o.	x.	.	.
2140.E	56692.4	5.3:	.	o	x.	.	.
2160.E	56704.0	11.6:	.	o	x.	.	.
2180.E	56690.9	-13.1:	.	o	x.	.	.
2200.E	56698.8	7.9:	.	o	x.	.	.
2220.E	56708.9	10.1:	.	o	x.	.	.
2240.E	56728.2	19.3:	.	o	x.	.	.
2260.E	56807.5	79.3:	.	.	#	.	.
2280.E	56748.8	-58.7:	.	o	x.	.	.
2300.E	56719.1	-29.7:	.	o	x.	.	.
2320.E	56713.3	-5.8:	.	o	x.	.	.
2340.E	56745.9	32.6:	.	o	x.	.	.
2360.E	56733.1	-12.8:	.	o	x.	.	.
2380.E	56754.0	20.9:	.	.	ox.	.	.
2400.E	56757.7	3.7:	.	.	ox.	.	.
2420.E	56776.2	18.5:	.	.	ox	.	.
2440.E	56813.6	37.4:	.	.	xo	.	.
2460.E	56824.3	10.7:	.	.	xo	.	.
2480.E	56794.3	-30.0:	.	.	#	.	.
2500.E	56818.0	23.7:	.	.	xo	.	.
2520.E	56819.8	1.8:	.	.	xo	.	.
2540.E	56814.6	-5.2:	.	.	xo	.	.
2560.E	56887.3	72.7:	.	.	.x	o.	.
2580.E	56881.3	-6.0:	.	.	.x	o.	.
2600.E	56880.6	-0.7:	.	.	.x	o.	.
2620.E	56937.3	56.7:	.	.	.x	o	.
2640.E	56972.2	34.9:	.	.	.x	o	.
2660.E	57019.7	47.5:	.	.	.x	o	.
2680.E	57669.2	649.5:	.	.	.	x	o
2700.E	58174.9	505.7:	.	.	.	.	x o
2720.E	56338.7	-1836.2:	o	.	x.	.	.
2740.E	55684.4	-654.3:	.	x	o.	.	.
2760.E	57088.7	1404.3:	.	.	.	x.	o.
2780.E	57936.5	847.8:	.	.	.	o	x.
2800.E	59700.5	1764.0:	.	.	.	.	x o
2820.E	58502.3	-1198.2:	.	.	.	o	.
2840.E	58299.3	-203.0:	.	.	.	.	x o
2860.E	58865.1	565.8:	.	.	.x	o	.
2880.E	57509.6	-1355.5:	.	.	.	.	xo
2900.E	58529.0	1019.4:	.	.	.	o	.
2920.E	57385.0	-1144.0:	.	.	.	o.	x
2940.E	55189.9	-2195.1:	.	x	.	.	.
2960.E	55672.7	482.8:	.	.	.x	o.	.
2980.E	55966.5	293.8:	.	o	.	x	.
3000.E	56428.4	461.9:	.	o	.	x	.
3020.E	56010.4	-418.0:	.	o	.	x	.
3040.E	56154.3	143.9:	.	.	xo	.	.
3060.E	56172.9	18.6:	.	.	x	o.	.
3080.E	56250.1	77.2:	.	.	x	o	.
3100.E	56258.2	8.1:	.	.	x	o	.
3120.E	56331.6	73.4:	o	.	x.	.	.

3160.E	56393.1	32.3:	o	.	x	.	.	:
3180.E	56401.6	8.5:	o	.	x	.	.	:
3200.E	56478.9	77.3:	o.	.	.x	.	.	:
3220.E	56488.5	9.6:	o.	.	.x	.	.	:
3240.E	56491.2	2.7:	o	.	.x	.	.	:
3260.E	56498.3	7.1:	o	.	.x	.	.	:
3280.E	56532.2	33.9:	.	o	.	x	.	:
3300.E	56546.2	14.0:	.	o	.	x	.	:
3320.E	56566.4	20.2:	.	o	.	x	.	:
3340.E	56585.4	19.0:	.	o	.	x	.	:
3360.E	56603.9	18.5:	.	o	.	x	.	:
3380.E	56642.6	38.7:	.	o	.	x	.	:
3400.E	56618.9	-23.7:	.	o	.	x	.	:
3420.E	56618.8	-0.1:	.	o	.	x	.	:
3440.E	56649.5	30.7:	.	o	.	x	.	:
3460.E	56671.1	21.6:	.	o.	.	x	.	:
3480.E	56653.6	-17.5:	.	o	.	x	.	:
3500.E	56660.6	7.0:	.	o	.	x	.	:
3520.E	56669.8	9.2:	.	o	.	x	.	:
3540.E	56725.0	55.2:	.	o	.	x	.	:
3560.E	56804.2	79.2:	.	.	.	#	.	:
3580.E	57613.9	809.7:	.	.	.	.	x	o
3600.E	56948.4	-665.5:	.	.	.	.	x	o
3620.E	56838.8	-109.6:	.	.	.	x	o	.
3640.E	56628.8	-210.0:	.	o	.	x	.	.
3660.E	57062.5	433.7:	.	.	.	.	x	o
3680.E	56650.5	-412.0:	.	o	.	x	.	.
3700.E	56499.8	-150.7:	o	.	.	x	.	.
3720.E	56611.5	111.7:	.	o	.	x	.	.
3740.E	56642.1	30.6:	.	o	.	x	.	.
3760.E	56559.5	-82.6:	.	o	.	x	.	.
3780.E	56589.1	29.6:	.	o	.	x	.	.
3800.E	56610.5	21.4:	.	o	.	x	.	.
3820.E	56660.5	50.0:	.	o	.	x	.	.
3840.E	56651.0	-9.5:	.	o	.	x	.	.
3860.E	56658.2	7.2:	.	o	.	x	.	.
3880.E	56651.6	-6.6:	.	o	.	x	.	.
3900.E	56657.3	5.7:	.	o	.	x	.	.
3920.E	56632.5	-24.8:	.	o	.	x	.	.
3940.E	56676.2	43.7:	.	o.	.	x	.	.
3960.E	56682.2	6.0:	.	o.	.	x	.	.
3980.E	56676.3	-5.9:	.	o.	.	x	.	.
4000.E	56670.3	-6.0:	.	o.	.	x	.	.
4020.E	56670.4	0.1:	.	o.	.	x	.	.
4040.E	56668.7	-1.7:	.	o	.	x	.	.
4060.E	56676.7	8.0:	.	o.	.	x	.	.
4080.E	56653.4	-23.3:	.	o	.	x	.	.
4100.E	56670.7	17.3:	.	o.	.	x	.	.
4120.E	56636.4	-34.3:	.	o	.	x	.	.
4140.E	56664.8	28.4:	.	o	.	x	.	.
4160.E	56694.5	29.7:	.	o	.	x	.	.
4180.E	56705.7	11.2:	.	o	.	x	.	.
4200.E	56726.6	20.9:	.	o	.	x	.	.
4220.E	56736.2	9.6:	.	o	.	x	.	.
4240.E	56747.8	11.6:	.	o	.	x	.	.
4260.E	56753.7	5.9:	.	o	.	x	.	.
4280.E	56782.8	29.1:	.	o	.	x	.	.

SCINTREX VI.6 Magnetometer R1.7  
 Base Field: 56600. \*Uncorrected Data Ser No:840320.  
 Line: 7000.N Grid: 1. Job: 900. Date: 86/07/14 Operator: 1.

x Total Field (Gammas)			1.6xF	.8xF	- Bias +	.8xF	1.6xF
Bias:	56800. F = 1000.						
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Bias:	56800. F = 100.						
Station	Mag Fld	Change	:	:	:	:	:
2420.E	56809.0	:	.	.	#	.	:
2440.E	56734.6	-74.4:	.	.	o x.	.	:
2460.E	56754.3	19.7:	.	.	ox.	.	:
2480.E	56765.1	10.8:	.	.	o x	.	:
2500.E	56759.7	-5.4:	.	.	ox.	.	:
2520.E	56782.1	22.4:	.	.	ox	.	:
2540.E	56792.0	9.9:	.	.	#	.	:
2560.E	56815.7	23.7:	.	.	xo	.	:
2580.E	56870.7	55.0:	.	.	.x o.	.	:
2600.E	56789.7	-81.0:	.	.	ox	.	:
2620.E	56884.4	94.7:	.	.	.x o.	.	:
2640.E	56886.7	2.3:	.	.	.x o.	.	:
2660.E	56949.6	62.9:	.	.	.x o	.	:
2680.E	57521.6	572.0:	.	.	.	x o	:
2700.E	58502.9	981.3:	.	.	.	o	x
2720.E	56080.4	-2422.5:	.	.	o x	.	:
2740.E	55755.3	-325.1:	.	x	.	o	:
2760.E	56603.5	848.2:	.	.	o	x	:
2780.E	56815.2	211.7:	.	.	xo	.	:
2800.E	59458.0	2642.8:	.	.	.	#	:
2820.E	58835.8	-622.2:	.	.	x o	.	:
2840.E	57084.8	-1751.0:	.	.	.	x o.	:
2860.E	57525.6	440.8:	.	.	.	x o	:
2880.E	58524.3	998.7:	.	.	.	o	x
2900.E	56876.3	-1648.0:	.	.	.x o.	.	:
2920.E	56081.6	-794.7:	.	.	o x	.	:
2940.E	55869.6	-212.0:	o	.	x	.	:
2960.E	55754.5	-115.1:	.	.	x	o	:
2980.E	55832.5	78.0:	o	.	x	.	:
3000.E	55978.6	146.1:	.	o.	x	.	:
3020.E	56101.6	123.0:	.	.	ox	.	:
3040.E	56254.0	152.4:	.	.	x o	.	:
3060.E	56369.9	115.9:	o	.	x	.	:
3080.E	56303.8	-66.1o	.	.	x.	.	:
3100.E	56353.9	50.1:	o	.	x.	.	:
3120.E	56688.6	334.7:	.	.	o. x.	.	:
3140.E	56435.6	-253.0:	o	.	x	.	:
3160.E	56565.7	130.1:	.	.	o	x	:
3180.E	56457.4	-108.3:	o	.	.x	.	:
3200.E	56472.8	15.4:	.	o.	.x	.	:
3220.E	56465.2	-7.6:	o	.	.x	.	:
3240.E	56514.6	49.4:	.	o	.x	.	:
3260.E	56551.1	36.5:	.	o	.x	.	:
3280.E	56595.4	44.3:	.	o	.x	.	:
3300.E	56620.0	24.6:	.	o	.x	.	:
3320.E	56641.4	21.4:	.	o	.x	.	:
3340.E	56709.7	68.3:	.	.	o x.	.	:
3360.E	56672.8	-36.9:	.	.	o. x.	.	:
3380.E	56551.1	-121.7:	.	o	.x	.	:
3400.E	56673.0	121.9:	.	.	o. x.	.	:
3420.E	56726.9	53.9:	.	.	o x.	.	:



3440.E	56747.6	20.7:	.	.	o	x.	.	.	:
3460.E	56648.7	-98.9:	.	o	.	x.	.	.	:
3480.E	56645.4	-3.3:	.	o	.	x.	.	.	:
3500.E	56656.9	11.5:	.	o	.	x.	.	.	:
3520.E	56680.6	23.7:	.	o	.	x.	.	.	:
3540.E	56705.2	24.6:	.	o	.	x.	.	.	:
3560.E	56710.5	5.3:	.	.	o	x.	.	.	:
3580.E	56792.0	81.5:	.	.	.	#	.	.	:
3600.E	56718.4	-73.6:	.	.	o	x.	.	.	:
3620.E	56595.7	-122.7:	.	o	.	x.	.	.	:
3640.E	56730.9	135.2:	.	.	o	x.	.	.	:
3660.E	56635.5	-95.4:	.	o	.	x.	.	.	:
3700.E	56633.5	38.9:	.	o	.	x.	.	.	:
3720.E	56565.5	-68.0:	.	o	.	x.	.	.	:
3740.E	56584.3	18.8:	.	o	.	x.	.	.	:
3760.E	56609.9	25.6:	.	o	.	x.	.	.	:
3780.E	56634.8	24.9:	.	o	.	x.	.	.	:
3800.E	56640.5	5.7:	.	o	.	x.	.	.	:
3820.E	56640.0	-0.5:	.	o	.	x.	.	.	:
3840.E	56650.7	10.7:	.	o	.	x.	.	.	:
3860.E	56668.5	17.8:	.	o	.	x.	.	.	:
3880.E	56670.0	1.5:	.	o	.	x.	.	.	:
3900.E	56669.0	-1.0:	.	o	.	x.	.	.	:
3920.E	56669.3	0.3:	.	o	.	x.	.	.	:
3940.E	56688.0	18.7:	.	o	.	x.	.	.	:
3960.E	56695.9	7.9:	.	o	.	x.	.	.	:
3980.E	56672.7	-23.2:	.	o	.	x.	.	.	:
4000.E	56668.7	-4.0:	.	o	.	x.	.	.	:
4020.E	56675.4	6.7:	.	o	.	x.	.	.	:
4040.E	56672.7	-2.7:	.	o	.	x.	.	.	:
4060.E	56678.8	6.1:	.	o	.	x.	.	.	:
4080.E	56680.5	1.7:	.	o	.	x.	.	.	:
4100.E	56751.6	71.1:	.	.	.	ox.	.	.	:
4120.E	56633.1	-118.5:	.	o	.	x.	.	.	:
4140.E	56662.5	29.4:	.	o	.	x.	.	.	:
4160.E	56678.4	15.9:	.	o	.	x.	.	.	:
4180.E	56694.5	16.1:	.	o	.	x.	.	.	:
4200.E	56708.2	13.7:	.	o	.	x.	.	.	:
4220.E	56734.7	26.5:	.	.	o	x.	.	.	:

SCINTREX VI.6 Magnetometer R1.7  
 Base Field: 56600. \*Uncorrected Data Ser No:840320.  
 Line: 7150.N Grid: 1. Job: 900. Date: 86/07/14 Operator: 1.

x Total Field (Gammas)		1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)		4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:
2480.E	56692.6	:	.	o	x.	.
2500.E	56716.6	24.0:	.	.	o	x.
2520.E	56668.5	-48.1:	.	o	.	x.
2540.E	56734.9	66.4:	.	.	o	x.
2560.E	56702.9	-32.0:	.	o	.	x.
2580.E	56708.3	5.4:	.	o	.	x.
2600.E	56777.4	69.1:	.	.	.	ox
2620.E	56754.1	-23.3:	.	.	.	ox.
2640.E	56769.5	15.4:	.	.	o	x
2660.E	56909.7	140.2:	.	.	.	x o

2680.E	57019.8	110.1:	.	.	.	x	.	o	.	:
2700.E	57162.0	142.2:	.	.	.	x	.	.	o	:
2720.E	57488.8	326.8:	.	.	.	.	#	.	.	:
2740.E	57372.1	-116.7:	.	.	.	o	x	.	.	:
2760.E	57081.2	-290.9:	.	.	.	x	.	o	.	:
2780.E	57125.4	44.2:	.	.	.	x	.	o	.	:
2800.E	57141.2	15.8:	.	.	.	x	.	o	.	:
2820.E	56771.8	-369.4:	.	.	ox	.	.	.	.	:
2840.E	56246.9	-524.9:	.	x	o	.	.	.	.	:
2860.E	55649.5	-597.4:	.x	o	.	.	.	.	.	:
2880.E	56532.5	883.0:	.o	.	x	.	.	.	.	:
2900.E	56683.0	150.5:	.	o	x	.	.	.	.	:
2920.E	56767.0	84.0:	.	.	o	x	.	.	.	:
2940.E	55883.3	-883.7:	o	x	.	.	.	.	.	:
2960.E	55773.6	-109.7:	.	x	.	o	.	.	.	:
2980.E	55939.4	165.8:	o	x	.	.	.	.	.	:
3000.E	56128.6	189.2:	.	ox	.	.	.	.	.	:
3020.F	56181.7	53.1:	.	x	o	.	.	.	.	:
3040.E	56263.3	81.6:	.	x	o	.	.	.	.	:
3060.E	56343.5	80.2:	o	.	x	.	.	.	.	:
3080.E	56407.8	64.3:	o	.	x	.	.	.	.	:
3100.E	56401.5	-6.3:	o	.	x	.	.	.	.	:
3120.E	56491.7	90.2:	.	o	x	.	.	.	.	:
3140.E	56476.1	-15.6:	o	.	x	.	.	.	.	:
3160.E	56515.6	39.5:	o	.	x	.	.	.	.	:
3180.E	56513.0	-2.6:	o	.	x	.	.	.	.	:
3200.E	56535.3	22.3:	.	o	x	.	.	.	.	:
3220.E	56592.3	57.0:	.	o	x	.	.	.	.	:
3240.E	56596.2	3.9:	.	o	x	.	.	.	.	:
3260.E	56616.4	20.2:	.	o	x	.	.	.	.	:
3280.E	56638.1	21.7:	.	o	x	.	.	.	.	:
3300.E	56632.2	-5.9:	.	o	x	.	.	.	.	:
3320.E	56634.6	2.4:	.	o	x	.	.	.	.	:
3340.E	56647.4	12.8:	.	o	x	.	.	.	.	:
3360.E	56695.4	48.0:	.	o	x	.	.	.	.	:
3380.E	56682.9	-12.5:	.	o	x	.	.	.	.	:
3400.E	56697.9	15.0:	.	o	x	.	.	.	.	:
3420.E	56634.1	-63.8:	.	o	x	.	.	.	.	:
3440.E	56732.2	98.1:	.	.	ox	.	.	.	.	:
3460.E	56641.0	-91.2:	.	o	x	.	.	.	.	:
3480.E	56650.8	9.8:	.	o	x	.	.	.	.	:
3500.E	56690.5	39.7:	.	o	x	.	.	.	.	:
3520.E	56707.2	16.7:	.	o	x	.	.	.	.	:
3540.E	56745.8	38.6:	.	.	ox	.	.	.	.	:
3560.E	56797.7	51.9:	.	.	#	.	.	.	.	:
3580.E	56983.6	185.9:	.	.	.	x	.	o	.	:
3600.E	57267.1	283.5:	.	.	.	.	x	.	o	:
3620.E	57590.6	323.5:	.	.	.	.	x	o	.	:
3640.E	56738.0	-852.6:	.	.	ox	.	.	.	.	:
3660.E	56562.1	-175.9:	.	o	x	.	.	.	.	:
3680.E	56597.0	34.9:	.	o	x	.	.	.	.	:
3700.E	56683.6	86.6:	.	o	x	.	.	.	.	:
3720.E	56719.5	35.9:	.	.	ox	.	.	.	.	:
3740.E	56579.5	-140.0:	.	o	x	.	.	.	.	:
3760.E	56632.1	52.6:	.	o	x	.	.	.	.	:
3780.E	56641.7	9.6:	.	o	x	.	.	.	.	:
3800.E	56651.9	10.2:	.	o	x	.	.	.	.	:
3820.E	56678.9	27.0:	.	o	x	.	.	.	.	:

3840.E	56664.8	-14.1:	.	o	.	x	.	.	:
3860.E	56671.5	6.7:	.	o	.	x	.	.	:
3880.E	56679.1	7.6:	.	o	.	x	.	.	:
3900.E	56686.4	7.3:	.	o	.	x	.	.	:
3920.E	56693.5	7.1:	.	o	.	x	.	.	:
3940.E	56684.9	-8.6:	.	o	.	x	.	.	:
3960.E	56680.3	-4.6:	.	o	.	x	.	.	:
3980.E	56671.3	-9.0:	.	o	.	x	.	.	:
4000.E	56709.6	38.3:	.	o	.	x	.	.	:
4020.E	56692.2	-17.4:	.	o	.	x	.	.	:
4040.E	56687.2	-5.0:	.	o	.	x	.	.	:
4060.E	56693.7	6.5:	.	o	.	x	.	.	:
4080.E	56749.0	55.3:	.	.	o	x	.	.	:
4100.E	56754.1	5.1:	.	.	ox	.	.	.	:
4120.E	56717.5	-36.6:	.	.	o	x	.	.	:
4140.E	56674.6	-42.9:	.	o	.	x	.	.	:
4160.E	56688.0	13.4:	.	o	.	x	.	.	:
4180.E	56717.0	29.0:	.	.	o	x	.	.	:
4200.E	56694.7	-22.3:	.	o	.	x	.	.	:
4220.E	56740.5	45.8:	.	.	o	x	.	.	:
4240.E	56753.6	13.1:	.	.	ox	.	.	.	:
4260.E	56780.6	27.0:	.	.	ox	.	.	.	:
4280.E	56805.4	24.8:	.	.	#	.	.	.	:
4300.E	56815.3	9.9:	.	.	xo	.	.	.	:

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 SCINTREX VI.6      Magnetometer R1.7  
 Base Field: 56800.      \*=Uncorrected Data      Ser No:840320.  
 Line: 7960.N Grid:      1.      Job:      900.      Date: 86/07/27      Operator:      1.  
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x Total Field (Gammas)			.8xF	.4xF	- Bias +	.4xF	.8xF
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:	:
2640.E	56716.5	:	:	:	.o x .	:	:
2660.E	56739.0	22.5:	:	:	.ox .	:	:
2680.E	56790.3	51.3:	:	:	. # .	:	:
2700.E	56799.3	9.0:	:	:	. # .	:	:
2720.E	57106.0	306.7:	:	:	. . .	x	o
2740.E	56868.1	-237.9:	:	:	. . .	xo	.
2760.E	57160.8	292.7:	:	:	. . .	.	x
2780.E	57081.8	-79.0:	:	:	. . .	.	x
2800.E	56900.1	-181.7:	:	:	. . .	x o	.
2820.E	56691.5	-208.6:	:	:	. o x .	.	.
2840.E	56739.6	48.1:	:	:	. ox .	.	.
2860.E	56733.3	-6.3:	:	:	. ox .	.	.
2880.E	56730.7	-2.6:	:	:	. ox .	.	.
2900.E	56729.5	-1.2:	:	:	. o x .	.	.
2920.E	56731.9	2.4:	:	:	. ox .	.	.
2940.E	56749.1	17.2:	:	:	. o x .	.	.
2960.E	56729.1	-20.0:	:	:	. o x .	.	.
2980.E	56718.0	-11.1:	:	:	. o x .	.	.
3000.E	56708.4	-9.6:	:	:	. o x .	.	.
3000.E	56743.6	35.2:	:	:	. o x .	.	.
3020.E	56735.6	-8.0:	:	:	. ox .	.	.
3040.E	56731.0	-4.6:	:	:	. ox .	.	.
3060.E	56742.2	11.2:	:	:	. o x .	.	.
3080.E	56750.7	8.5:	:	:	. ox .	.	.
3100.E	56776.2	25.5:	:	:	. # .	.	.
3120.E	56783.7	7.5:	:	:	. ox .	.	.
3140.E	56800.8	17.1:	:	:	. # .	.	.
3160.E	56845.6	44.8:	:	:	. . .	xo	.
3180.E	56783.7	-61.9:	:	:	. ox .	.	.
3200.E	56714.1	-69.6:	:	:	. o x .	.	.
3220.E	56727.2	13.1:	:	:	. o x .	.	.
3240.E	56760.2	33.0:	:	:	. ox .	.	.
3260.E	56766.1	5.9:	:	:	. ox .	.	.
3280.E	56758.6	-7.5:	:	:	. ox .	.	.
3300.E	56770.9	12.3:	:	:	. # .	.	.
3320.E	56798.2	27.3:	:	:	. # .	.	.
3340.E	56755.4	-42.8:	:	:	. ox .	.	.
3360.E	56777.3	21.9:	:	:	. # .	.	.
3380.E	56790.6	13.3:	:	:	. # .	.	.
3400.E	56763.7	-26.9:	:	:	. ox .	.	.
3420.E	56750.2	-13.5:	:	:	. ox .	.	.
3440.E	56751.3	1.1:	:	:	. ox .	.	.
3460.E	56762.9	11.6:	:	:	. ox .	.	.
3480.E	56759.9	-3.0:	:	:	. ox .	.	.
3500.E	56754.9	-5.0:	:	:	. ox .	.	.

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 SCINTREX VI.6            Magnetometer RI.7  
 Base Field: 56800.    \*=Uncorrected Data    Ser No:840320.  
 Line: 5700.N Grid:    1.    Job:    900.    Date: 86/07/15    Operator:    1.  
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x Total Field (Gammas)			1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:	:
2200.E	56714.6	:	.	.	.o x.	.	:
2220.E	56761.6	47.0:	.	.	. o x	.	:
2240.E	56725.2	-36.4:	.	.	.o x.	.	:
2260.E	56752.5	27.3:	.	.	.ox.	.	:
2280.E	56813.9	61.4:	.	.	. xo	.	:
2300.E	56845.2	31.3:	.	.	.xo	.	:
2320.E	56811.1	-34.1:	.	.	.xo	.	:
2340.E	56776.7	-34.4:	.	.	.ox	.	:
2360.E	56804.9	28.2:	.	.	.#	.	:
2380.E	56830.8	25.9:	.	.	.x o	.	:
2400.E	56760.0	-70.8:	.	.	.ox.	.	:
2420.E	56767.4	7.4:	.	.	.o x	.	:
2440.E	56789.4	22.0:	.	.	.ox	.	:
2460.E	56782.6	-6.8:	.	.	.ox	.	:
2480.E	56796.8	14.2:	.	.	.#	.	:
2500.E	56802.1	5.3:	.	.	.#	.	:
2520.E	56840.8	38.7:	.	.	.xo	.	:
2540.E	56873.9	33.1:	.	.	.x o.	.	:
2560.E	56868.5	-5.4:	.	.	.x o	.	:
2580.E	56865.0	-3.5:	.	.	.x o	.	:
2600.E	56909.8	44.8:	.	.	.x o	.	:
2620.E	56950.4	40.6:	.	.	.x	.o	:
2640.E	57003.3	52.9:	.	.	.x	.o	:
2660.E	56991.0	-12.3:	.	.	.x	.o	:
2680.E	57205.9	214.9:	.	.	.x	.	.o
2700.E	57548.5	342.6:	.	.	.	.x o	.
2720.E	55980.0	-1568.5:	.o.	.x	.	.	.
2740.E	55917.4	-62.6:	.o	.x	.	.	.
2760.E	57088.4	1171.0:	.	.	.x.	.o.	.
2780.E	56977.6	-110.8:	.	.	.x	.o	.
2800.E	58067.3	1089.7:	.	.	.	.o .x	.
2820.E	59673.2	1605.9:	.	.	.	.x	.o
2840.E	58486.2	-1187.0:	.	.	.	.o	.x
2860.E	57328.6	-1157.6:	.	.	.o	.x	.
2880.E	57846.9	518.3:	.	.	.o	.x	.
2900.E	58722.5	875.6:	.	.	.	.	.o x
2920.E	58029.9	-692.6:	.	.	.	.o	.x
2940.E	57983.0	-46.9:	.	.	.	.o	.x
2960.E	57421.0	-562.0:	.	.	.o x	.	.
2980.E	56117.7	-1303.3:	.	.#	.	.	.
3000.E	55771.1	-346.6:	.	.x	.o.	.	.
3020.E	56085.3	314.2:	.	.o x	.	.	.
3040.E	56235.1	149.8:	.	.x	.o	.	.
3060.E	56305.8	70.7o	.	.x	.	.	.
3080.E	56546.0	240.2:	.o	.x	.	.	.
3100.E	57016.3	470.3:	.	.	.x	.o	.
3120.E	56071.1	-945.2:	.	.o x	.	.	.
3140.E	56339.5	268.4: o	.	.x	.	.	.
3160.E	56269.2	-70.3:	.	.x	.o	.	.
3180.E	56395.6	126.4: o	.o	.x	.	.	.
3200.F	56414.1	18.5: o	.o	.x	.	.	.

3240.E	56563.8	140.8:	.	o	.	x	.	.	.	:
3260.E	56496.8	-67.0:	o	.	.	x	.	.	.	:
3280.E	56605.4	108.6:	.	o	.	x	.	.	.	:
3300.E	56531.1	-74.3:	.	o	.	x	.	.	.	:
3320.E	56571.3	40.2:	.	o	.	x	.	.	.	:
3340.E	56592.1	20.8:	.	o	.	x	.	.	.	:
3360.E	56604.7	12.6:	.	o	.	x	.	.	.	:
3380.E	56628.2	23.5:	.	o	.	x	.	.	.	:
3400.E	56656.8	28.6:	.	.	o	.	x	.	.	:
3420.E	56691.0	34.2:	.	.	o	.	x	.	.	:
3440.E	56660.0	-31.0:	.	.	o	.	x	.	.	:
3460.E	56635.4	-24.6:	.	.	o	.	x	.	.	:
3480.E	56672.4	37.0:	.	.	o	.	x	.	.	:
3500.E	56671.3	-1.1:	.	.	o	.	x	.	.	:

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SCINTREX VI.6                    Magnetometer R1.7  
Base Field: 56600.                \*=Uncorrected Data                Ser No:840320.  
Line: 7300.N Grid:                1.            Job: 900.            Date: 86/07/15            Operator: 1.  
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x Total Field (Gammas)			1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:	:
2600.E	56616.8	:	.	o	.	x	.
2620.E	56625.7	8.9:	.	o	.	x	.
2640.E	56586.4	-39.3:	.	o	.	x	.
2660.E	56889.4	303.0:	.	.	.	x	o.
2680.E	57238.1	348.7:	.	.	.	.	x
2700.E	56385.9	-852.2:	o	.	.	x	.
2720.E	56324.4	-61.5: o	.	.	.	x	.
2740.E	56439.3	114.9:	o	.	.	x	.
2760.E	56533.2	93.9:	.	o	.	.	x
2780.E	56695.7	162.5:	.	.	.	o	x
2800.E	56290.7	-405.0:	.	.	.	x	o
2820.E	56335.6	44.9: o	.	.	.	x	.
2840.E	56774.6	439.0:	.	.	.	.	ox
2860.E	56774.6	0.0:	.	.	.	.	ox
2880.E	56496.6	-278.0:	o	.	.	x	.
2900.E	57432.4	935.8:	.	.	.	.	ox
2920.E	56030.2	-1402.2:	.	o	x	.	.
2940.E	56000.3	-29.9:	.	o	x	.	.
2960.E	56274.9	274.6:	.	.	.	x	o.
2980.E	56370.1	95.2:	o	.	.	.	x
3000.E	56357.3	-12.8:	o	.	.	.	x
3020.E	56435.3	78.0:	.	o	.	.	x
3040.E	56469.2	33.9:	.	o	.	.	x
3060.E	56512.0	42.8:	.	o	.	.	x
3080.E	56553.9	41.9:	.	o	.	.	x
3100.E	56550.7	-3.2:	.	o	.	.	x
3120.E	56567.8	17.1:	.	o	.	.	x
3140.E	56610.0	42.2:	.	.	o	.	x
3160.E	56659.7	49.7:	.	.	.	o	.
3180.E	56604.0	-55.7:	.	.	o	.	.
3200.E	56615.7	11.7:	.	.	o	.	.
3220.E	56719.7	104.0:	.	.	.	o	x
3240.E	56602.1	-117.6:	.	.	o	.	.

3260.E	56621.7	19.6:	.	o	.	x	.	.	.	:
3280.E	56628.8	7.1:	.	o	.	x	.	.	.	:
3300.E	56673.9	45.1:	.	.	o	.	x	.	.	:
3320.E	56674.5	0.6:	.	.	o	.	x	.	.	:
3340.E	56684.3	9.8:	.	.	o	.	x	.	.	:
3360.E	56691.3	7.0:	.	.	o	.	x	.	.	:
3380.E	56727.4	36.1:	.	.	o	.	x	.	.	:
3400.E	56710.2	-17.2:	.	.	o	.	x	.	.	:
3420.E	56686.5	-23.7:	.	.	o	.	x	.	.	:
3440.E	56704.2	17.7:	.	.	o	.	x	.	.	:
3460.E	56696.6	-7.6:	.	.	o	.	x	.	.	:
3480.E	56699.0	2.4:	.	.	o	.	x	.	.	:
3500.E	56717.8	18.8:	.	.	o	.	x	.	.	:

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 SCINTREX V1.6                    Magnetometer R1.7  
 Base Field: 56600.            \*=Uncorrected Data            Ser No:840320.  
 Line: 7450.N Grid:            1.            Job:            900.            Date: 86/07/15            Operator:            1.  
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x Total Field (Gammas)			1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)			4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:	:
2540.E	56656.6	:	.	o	.	x	.
2560.E	56648.9	-7.7:	.	o	.	x	.
2580.E	56643.3	-5.6:	.	o	.	x	.
2600.E	56642.6	-0.7:	.	o	.	x	.
2620.E	56655.8	13.2:	.	o	.	x	.
2640.E	56672.0	16.2:	.	o	.	x	.
2660.E	56628.2	-43.8:	.	o	.	x	.
2680.E	56601.2	-27.0:	.	o	.	x	.
2700.E	56622.1	20.9:	.	o	.	x	.
2720.E	56595.9	-26.2:	.	o	.	x	.
2740.E	56597.2	1.3:	.	o	.	x	.
2760.E	56586.9	-10.3:	.	o	.	x	.
2780.E	56615.4	28.5:	.	o	.	x	.
2800.E	56623.5	8.1:	.	o	.	x	.
2820.E	56867.8	244.3:	.	.	.	x	o
2840.E	56261.1	-606.7:	.	x	.	o	.
2860.E	57017.5	756.4:	.	.	.	x	o
2880.E	57523.2	505.7:	.	.	.	x	o
2900.E	56599.2	-924.0:	.	o	.	x	.
2920.E	56474.5	-124.7:	o	.	.	x	.
2940.E	56509.3	34.8:	o	.	.	x	.
2960.E	56531.9	22.6:	.	o	.	x	.
2980.E	56572.2	40.3:	.	o	.	x	.
3000.E	56436.6	-135.6:	o	.	.	x	.
3020.E	56577.1	140.5:	.	o	.	x	.
3040.E	56624.4	47.3:	.	o	.	x	.
3060.E	56620.2	-4.2:	.	o	.	x	.
3080.E	56613.7	-6.5:	.	o	.	x	.
3100.E	56603.6	-10.1:	.	o	.	x	.
3120.E	56534.0	-69.6:	.	o	.	x	.
3140.E	56328.4	-205.6: o	.	.	.	x	.
3160.E	56256.5	-71.9:	.	.	.	x	o
3180.E	56589.5	333.0:	.	o	.	x	.
3200.E	56625.9	36.4:	.	o	.	x	.

3220.E	56654.3	28.4:	.	o . x .	.	:
3240.E	56678.2	23.9:	.	o . x .	.	:
3260.E	56695.6	17.4:	.	o x .	.	:
3280.E	56698.5	2.9:	.	o x .	.	:
3300.E	56716.3	17.8:	.	.o x .	.	:
3320.E	56726.7	10.4:	.	.o x .	.	:
3340.E	56763.9	37.2:	.	. o x	.	:
3360.E	56816.7	52.8:	.	. xo	.	:
3380.E	56714.6	-102.1:	.	.o x .	.	:
3400.E	56716.7	2.1:	.	.o x .	.	:
3420.E	56687.3	-29.4:	.	o . x .	.	:
3440.E	56689.0	1.7:	.	o . x .	.	:
3460.E	56687.2	-1.8:	.	o . x .	.	:
3480.E	56704.3	17.1:	.	o x .	.	:
3500.E	56701.1	-3.2:	.	o x .	.	:
3540.E	56684.9	-45.9:	.	o . x .	.	:
3560.E	56730.0	45.1:	.	.o x .	.	:
3580.E	56681.4	-48.6:	.	o . x .	.	:
3600.E	56691.0	9.6:	.	o x .	.	:
3620.E	56685.1	-5.9:	.	o . x .	.	:

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SCINTREX VI.6                    Magnetometer R1.7  
 Base Field: 56600.            \*=Uncorrected Data            Ser No:840320.  
 Line: 8260.N Grid:            1.            Job:            900.            Date: 86/07/15            Operator:            1.

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x Total Field (Gammas)		1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)		4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:
3040.E	56718.8	:	.	.o x .	.	:
3060.E	56715.8	-3.0:	.	.o x .	.	:
3080.E	56708.0	-7.8:	.	o x .	.	:
3100.E	56678.7	-29.3:	.	o . x .	.	:
3120.E	56672.2	-6.5:	.	o . x .	.	:
3140.E	56745.1	72.9:	.	. o x .	.	:
3160.E	56776.5	31.4:	.	. ox	.	:
3180.E	56720.0	-56.5:	.	.o x .	.	:
3200.E	56708.6	-11.4:	.	o x .	.	:
3220.E	56705.7	-2.9:	.	o x .	.	:
3240.E	56714.4	8.7:	.	.o x .	.	:
3260.E	56730.0	15.6:	.	.o x .	.	:
3280.E	56735.8	5.8:	.	. o x .	.	:
3300.E	56736.7	0.9:	.	. o x .	.	:
3320.E	56762.7	26.0:	.	. o x	.	:
3340.E	56687.6	-75.1:	.	o . x .	.	:
3360.E	56710.5	22.9:	.	.o x .	.	:
3380.E	56729.8	19.3:	.	.o x .	.	:
3400.E	56735.0	5.2:	.	. o x .	.	:
3420.E	56723.1	-11.9:	.	.o x .	.	:
3440.E	56792.6	69.5:	.	. #	.	:
3460.E	56728.1	-64.5:	.	.o x .	.	:
3480.E	56754.6	26.5:	.	. ox .	.	:
3500.E	56746.3	-8.3:	.	. o x .	.	:
3520.E	56755.5	9.2:	.	. ox .	.	:
3540.E	56763.2	7.7:	.	. o x	.	:
3560.E	56772.7	9.5:	.	. ox	.	:
3580.E	56761.5	-11.2:	.	. o x	.	:
3600.E	56782.6	21.1:	.	. ox	.	:
3620.E	56784.8	2.2:	.	. ox	.	:
3640.E	56727.0	-57.8:	.	.o x .	.	:
3660.E	56730.8	3.8:	.	. o x .	.	:



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 SCINTREX V1.6            Magnetometer R1.7  
 Base Field: 56600.    \*=Uncorrected Data    Ser No:840320.  
 Line: 8400.N Grid:     1.    Job:    900.    Date: 86/07/15    Operator:    1.  
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x Total Field (Gammas)						
Bias:	56800. F = 1000.	1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)						
Bias:	56800. F = 100.	4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:
2720.E	56722.8	:	.	.o x.	.	:
2740.E	56710.5	-12.3:	.	.o x.	.	:
2760.E	56705.7	-4.8:	.	o x.	.	:
2780.E	56733.2	27.5:	.	. o x.	.	:
2800.E	56776.3	43.1:	.	. ox	.	:
2820.E	56698.5	-77.8:	.	o x.	.	:
2840.E	56740.6	42.1:	.	. u ^.	.	:
2860.E	56724.4	-16.2:	.	.o x.	.	:
2880.E	56733.2	8.8:	.	. o x.	.	:
2900.E	56808.5	75.3:	.	. #	.	:
2920.E	56715.0	-93.5:	.	.o x.	.	:
2940.E	56746.1	31.1:	.	. o x.	.	:
2960.E	56738.6	-7.5:	.	. o x.	.	:
2980.E	56822.5	83.9:	.	. xo	.	:
3000.E	56736.6	-85.9:	.	. o x.	.	:
3020.E	57546.4	809.8:	.	.	. x o	:
3040.E	56762.5	-783.9:	.	. o x	.	:
3050.E	56775.1	12.6:	.	. ox	.	:
3080.E	56780.0	4.9:	.	. ox	.	:
3100.E	56761.2	-18.8:	.	. o x	.	:

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 SCINTREX V1.6            Magnetometer R1.7  
 Base Field: 56600.    \*=Uncorrected Data    Ser No:840320.  
 Line: 8520.N Grid:     1.    Job:    900.    Date: 86/07/15    Operator:    1.  
 -----

x Total Field (Gammas)						
Bias:	56800. F = 1000.	1.6xF	.8xF	- Bias +	.8xF	1.6xF
o Total Field (Gammas)						
Bias:	56800. F = 100.	4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:
2780.E	56693.2	:	.	o x.	.	:
2800.E	56718.6	25.4:	.	.o x.	.	:
2820.E	56704.6	-14.0:	.	o x.	.	:
2840.E	56656.6	-48.0:	.	o . x .	.	:
2860.E	56713.3	56.7:	.	.o x.	.	:
2880.E	56788.8	75.5:	.	. ox	.	:
2900.E	56740.9	-47.9:	.	. o x.	.	:
2920.E	56712.0	-28.9:	.	.o x.	.	:
2940.E	56728.4	16.4:	.	.o x.	.	:
2960.E	56731.6	3.2:	.	. o x.	.	:
2980.E	56721.5	-10.1:	.	.o x.	.	:
3000.E	56722.8	1.3:	.	.o x.	.	:
3020.E	56719.5	-3.3:	.	.o x.	.	:
3040.E	56709.0	-10.5:	.	o x.	.	:
3060.E	56717.6	8.6:	.	.o x.	.	:
3080.E	56766.7	49.1:	.	. o x	.	:
3100.E	56792.4	25.7:	.	. #	.	:

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SCINTREX VI.6      Magnetometer R1.7  
Base Field: 56600.    \*\*Uncorrected Data    Ser No:840320.  
Line: 8520.N Grid:    1.    Job:    900.    Date: 86/07/16    Operator:    1.  
-----

x Total Field (Gammas)  
Bias:    56800. F = 1000.    .8xF    .4xF    - Bias +    .4xF    .8xF  
o Total Field (Gammas)  
Bias:    56800. F = 100.    4xF    2xF    - Bias +    2xF    4xF  
Station    Mag Fld    Change    :    :    :    :    :    :    :  
3540.E    56745.3    :    .    .    . o x .    .    .    :  
3560.E    56740.1    -5.2:    .    .    . o x .    .    .    :  
3580.E    56749.3    9.2:    .    .    . o x .    .    .    :  
3600.E    56736.1    -13.2:    .    .    . ox .    .    .    :  
3620.E    56728.3    -7.8:    .    .    . o x .    .    .    :  
3640.E    56772.7    44.4:    .    .    . #.    .    .    :  
3660.E    56771.0    -1.7:    .    .    . #.    .    .    :  
3680.E    56700.0    -71.0:    .    .    . o x .    .    .    :  
3700.E    56741.7    41.7:    .    .    . o x .    .    .    :  
3720.E    56737.4    -4.3:    .    .    . ox .    .    .    :  
3740.E    56753.4    16.0:    .    .    . ox .    .    .    :  
3760.E    56743.1    -10.3:    .    .    . o x .    .    .    :  
3780.E    56720.5    -22.6:    .    .    . o x .    .    .    :

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SCINTREX VI.6      Magnetometer R1.7  
Base Field: 56600.    \*\*Uncorrected Data    Ser No:840320.  
Line: 8650.N Grid:    1.    Job:    900.    Date: 86/07/16    Operator:    1.  
-----

x Total Field (Gammas)  
Bias:    56800. F = 1000.    .8xF    .4xF    - Bias +    .4xF    .8xF  
o Total Field (Gammas)  
Bias:    56800. F = 100.    4xF    2xF    - Bias +    2xF    4xF  
Station    Mag Fld    Change    :    :    :    :    :    :    :  
3580.E    56757.9    :    .    .    . ox .    .    .    :  
3600.E    56750.5    -7.4:    .    .    . ox .    .    .    :  
3620.E    56770.2    19.7:    .    .    . #.    .    .    :  
3640.E    56735.7    -34.5:    .    .    . ox .    .    .    :  
3660.E    56747.2    11.5:    .    .    . o x .    .    .    :  
3680.E    56718.2    -29.0:    .    .    . o x .    .    .    :  
3700.E    56716.7    -1.5:    .    .    . o x .    .    .    :  
3720.E    56762.6    45.9:    .    .    . ox .    .    .    :  
3740.E    56785.5    22.9:    .    .    . ox    .    .    :  
3760.E    56803.3    17.8:    .    .    . #    .    .    :  
3780.E    56851.7    48.4:    .    .    . . x o .    .    .    :  
3800.E    56957.5    105.8:    .    .    . .    x .    o    .    :  
3820.E    56797.2    -160.3:    .    .    . #    .    .    :  
3840.E    56730.4    -66.8:    .    .    . ox .    .    .    :  
3860.E    56757.8    27.4:    .    .    . ox .    .    .    :  
3880.E    56732.4    -25.4:    .    .    . ox .    .    .    :  
3900.E    56750.0    17.6:    .    .    . o x .    .    .    :  
3920.E    56783.2    33.2:    .    .    . ox    .    .    :  
3940.E    56873.6    90.4:    .    .    . .    x o .    .    :  
3960.E    56779.6    -94.0:    .    .    . #.    .    .    :  
3980.E    56796.6    17.0:    .    .    . #    .    .    :  
4000.E    56791.5    -5.1:    .    .    . #    .    .    :  
4020.E    56749.6    -41.9:    .    .    . o x .    .    .    :  
4040.E    56735.2    -14.4:    .    .    . ox .    .    .    :  
4060.E    56770.5    35.3:    .    .    . #.    .    .    :

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 SCINTREX VI.6            Magnetometer R1.7  
 Base Field: 56600.    \*\*Uncorrected Data    Ser No:840320.  
 Line: 8800.N Grid:    1.    Job:    900.    Date: 86/07/16    Operator:    1.  
 -----

x Total Field (Gammas)						
Bias:	56800.	F = 1000.	.8xF	.4xF	- Bias +	.4xF    .8xF
o Total Field (Gammas)						
Bias:	56800.	F = 100.	4xF	2xF	- Bias +	2xF    4xF
Station	Mag Fld	Change	:	:	:	:
3560.E	56798.8	:	.	.	#	.
3580.E	56761.1	-37.7:	.	.	ox.	.
3600.E	56773.6	12.5:	.	.	#.	.
3620.E	56738.5	-35.1:	.	.	ox.	.
3640.E	56748.1	9.6:	.	.	o x.	.
3660.E	56763.6	15.5:	.	.	ox.	.
3680.E	56829.6	66.0:	.	.	#	.
3700.E	56693.5	-136.1:	.	.	o x	.
3720.E	56683.0	-10.5:	.	.	o. x	.
3740.E	56867.1	184.1:	.	.	. xo	.
3760.E	56619.5	-247.6:	.	.	o x	.
3780.E	56992.0	372.5:	.	.	. x	o
3800.E	56636.8	-355.2:	.	.	o .x	.
3820.E	56721.6	84.8:	.	.	.o x	.
3840.E	56752.2	30.6:	.	.	. ox.	.
3860.E	56759.5	7.3:	.	.	. ox.	.
3880.E	56793.8	34.3:	.	.	. #	.
3900.E	56780.8	-13.0:	.	.	. ox	.

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 SCINTREX VI.6            Magnetometer R1.7  
 Base Field: 56600.    \*\*Uncorrected Data    Ser No:840320.  
 Line: 8950.N Grid:    1.    Job:    900.    Date: 86/07/16    Operator:    1.  
 -----

x Total Field (Gammas)						
Bias:	56800.	F = 1000.	.8xF	.4xF	- Bias +	.4xF    .8xF
o Total Field (Gammas)						
Bias:	56800.	F = 100.	4xF	2xF	- Bias +	2xF    4xF
Station	Mag Fld	Change	:	:	:	:
3500.E	56704.1	:	.	.	o x	.
3520.E	56773.8	69.7:	.	.	#.	.
3540.E	56781.9	8.1:	.	.	ox	.
3560.E	56793.6	11.7:	.	.	#	.
3580.E	56781.2	-12.4:	.	.	ox	.
3600.E	56771.6	-9.6:	.	.	#.	.
3620.E	56737.7	-33.9:	.	.	. ox	.
3640.E	56677.4	-60.3:	.	.	o. x	.
3660.E	56636.7	-40.7:	.	.	o .x	.
3680.E	56876.4	239.7:	.	.	. x o.	.
3700.E	56711.5	-164.9:	.	.	.o x	.
3720.E	56747.2	35.7:	.	.	. o x.	.
3740.E	56688.5	-58.7:	.	.	o. x	.
3760.E	56783.5	95.0:	.	.	. ox	.
3780.E	56734.3	-49.2:	.	.	. ox	.
3800.E	56833.3	99.0:	.	.	. .xo	.

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 SCINTREX VI.6            Magnetometer R1.7  
 Base Field: 56600.    \*\*Uncorrected Data    Ser No:840320.  
 Line: 9100.N Grid:    1.    Job:    900.    Date: 86/07/16    Operator:    1.  
 -----

x Total Field (Gammas)						
Bias:	56800. F = 1000.	.8xF	.4xF	- Bias +	.4xF	.8xF
o Total Field (Gammas)						
Bias:	56800. F = 100.	4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:
3440.E	56813.7	:	:	xo	:	:
3460.E	56782.8	-30.9:	:	ox	:	:
3480.E	56786.6	3.8:	:	ox	:	:
3500.E	56805.0	18.4:	:	#	:	:
3520.E	56801.0	-4.0:	:	#	:	:
3540.E	56784.6	-16.4:	:	ox	:	:
3560.E	56765.2	-19.4:	:	ox.	:	:
3580.E	56785.5	20.3:	:	ox	:	:
3600.E	56752.7	-32.8:	:	ox.	:	:
3620.E	56831.7	79.0:	:	.xo	:	:
3640.E	56834.3	2.6:	:	.xo	:	:
3660.E	56798.8	-35.5:	:	#	:	:
3680.E	56806.4	7.6:	:	#	:	:
3700.E	56759.4	-47.0:	:	ox.	:	:
3720.E	57018.9	259.5:	:	x	o	:
3740.E	56886.5	-132.4:	:	x	o.	:
3760.E	56679.7	-206.8:	:	o. x	:	:
3780.E	56860.9	181.2:	:	.xo	:	:
3800.E	56700.7	-160.2:	:	o x	:	:

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 SCINTREX VI.6            Magnetometer R1.7  
 Base Field: 56600.    \*\*Uncorrected Data    Ser No:840320.  
 Line: 9350.N Grid:    1.    Job:    900.    Date: 86/07/16    Operator:    1.  
 -----

x Total Field (Gammas)						
Bias:	56800. F = 1000.	.8xF	.4xF	- Bias +	.4xF	.8xF
o Total Field (Gammas)						
Bias:	56800. F = 100.	4xF	2xF	- Bias +	2xF	4xF
Station	Mag Fld	Change	:	:	:	:
2700.E	56818.0	:	:	xo	:	:
2720.E	56798.7	-19.3:	:	#	:	:
2740.E	56793.9	-4.8:	:	#	:	:
2760.E	56822.6	28.7:	:	.#	:	:
2780.E	56797.6	-25.0:	:	#	:	:
2800.E	56785.6	-12.0:	:	ox	:	:
2820.E	56780.3	-5.3:	:	ox	:	:
2840.E	56779.2	-1.1:	:	#.	:	:
2860.E	56768.6	-10.6:	:	ox.	:	:
2880.E	56767.9	-0.7:	:	ox.	:	:
2900.E	56775.3	7.4:	:	#.	:	:
2920.E	56771.3	-4.0:	:	#.	:	:
2940.E	56762.1	-9.2:	:	ox.	:	:
2960.E	56769.5	7.4:	:	ox.	:	:
2980.E	56759.2	-10.3:	:	ox.	:	:
3000.E	56780.2	21.0:	:	ox	:	:
3020.E	56793.8	13.6:	:	#	:	:
3040.E	56791.4	-2.4:	:	#	:	:
3060.E	56793.5	2.1:	:	#	:	:
3080.E	56798.9	5.4:	:	#	:	:

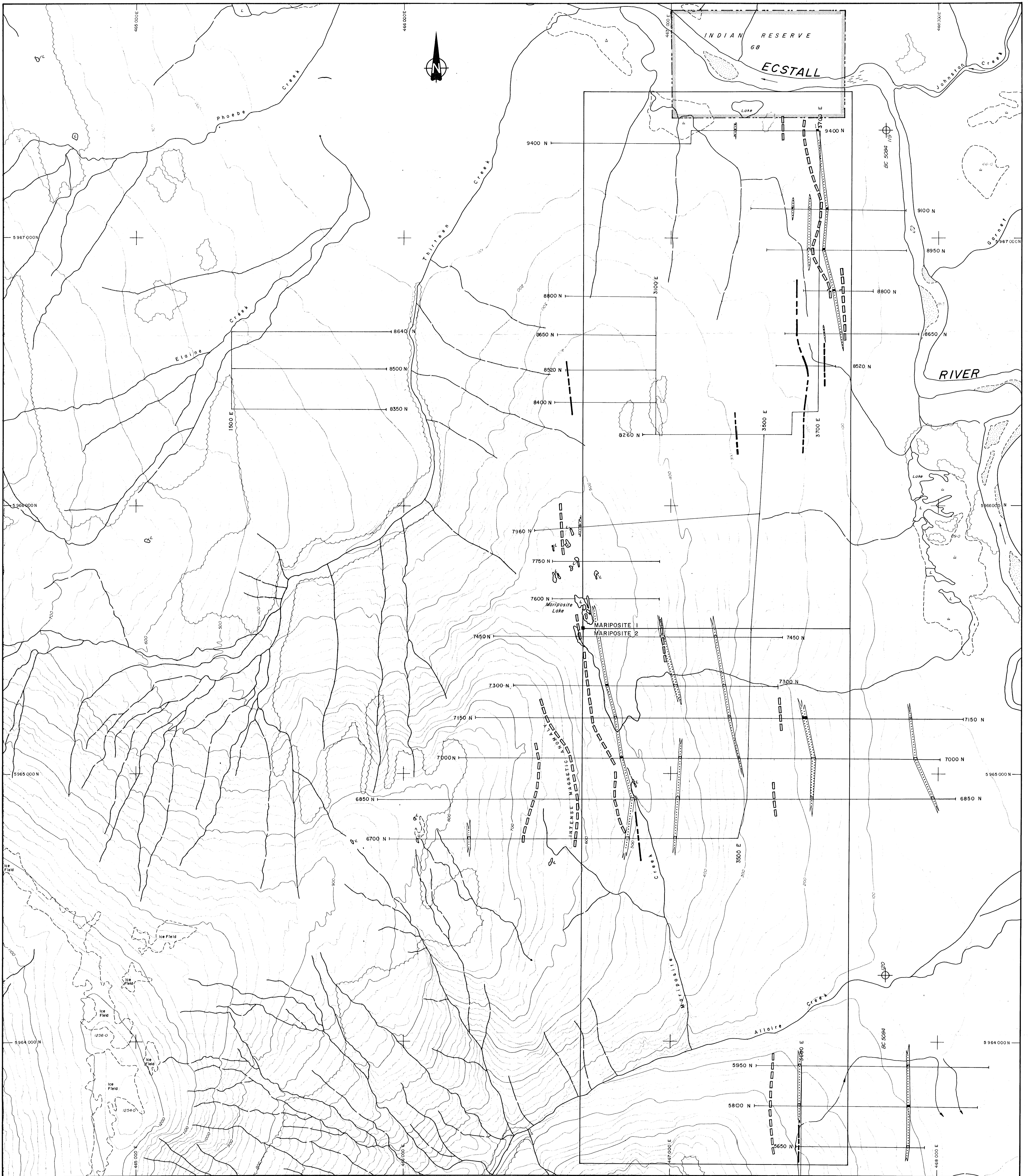
3100.E	56779.7	-19.2:	.	.	#.	.	:
3120.E	56799.2	19.5:	.	.	#	.	:
3140.E	56798.6	-0.6:	.	.	#	.	:
3160.E	56806.9	8.3:	.	.	#	.	:
3180.E	56818.1	11.2:	.	.	xo	.	:
3200.E	56785.1	-33.0:	.	.	ox	.	:
3220.E	56806.4	21.3:	.	.	#	.	:

-----

SCINTREX V1.6                    Magnetometer R1.7  
 Base Field: 56600.                \*\*Uncorrected Data            Ser No:840320.  
 Line: 9410.N Grid:                1.            Job:            900.            Date: 86/07/16            Operator:            1.

-----

x Total Field (Gammas)								
Bias:	56800. F = 1000.	.8xF	.4xF	- Bias +	.4xF	.8xF		
o Total Field (Gammas)								
Bias:	56800. F = 100.	4xF	2xF	- Bias +	2xF	4xF		
Station	Mag Fld	Change	:	:	:	:	:	
3220.E	56817.8	:	.	.	xo	.	:	
3240.E	56775.6	-42.2:	.	.	#.	.	:	
3260.E	56773.5	-2.1:	.	.	#.	.	:	
3280.E	56788.6	15.1:	.	.	ox	.	:	
3300.E	56782.8	-5.8:	.	.	ox	.	:	
3320.E	56766.5	-16.3:	.	.	ox.	.	:	
3340.E	56783.0	16.5:	.	.	ox	.	:	
3360.E	56736.2	-46.8:	.	.	ox	.	:	
3380.E	56779.8	43.6:	.	.	#.	.	:	
3400.E	56804.3	24.5:	.	.	#	.	:	
3420.E	56799.0	-5.3:	.	.	#	.	:	
3440.E	56739.6	-59.4:	.	.	ox	.	:	
3460.E	56731.1	-8.5:	.	.	ox	.	:	
3480.E	56714.5	-16.6:	.	.	o x	.	:	
3500.E	56692.8	-21.7:	.	.	o x	.	:	
3520.E	56712.2	19.4:	.	.	o x	.	:	
3540.E	56809.3	97.1:	.	.	#	.	:	
3560.E	56955.8	146.5:	.	.	.	x. o	:	
3580.E	56890.3	-65.5:	.	.	.	x o	:	
3600.E	56841.6	-48.7:	.	.	.xo	.	:	
3620.E	56890.8	49.2:	.	.	.	x o	:	
3640.E	57513.3	622.5:	.	.	.	.	o . x	:
3660.E	56654.5	-858.8:	.	.	o . x	.	.	:
3680.E	56688.2	33.7:	.	.	o . x	.	.	:
3700.E	56721.1	32.9:	.	.	o . x	.	.	:
3720.E	56755.6	34.5:	.	.	.	ox.	.	:
3740.E	56743.9	-11.7:	.	.	.	o x.	.	:
3760.E	56852.0	108.1:	.	.	.	.	x o	:



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

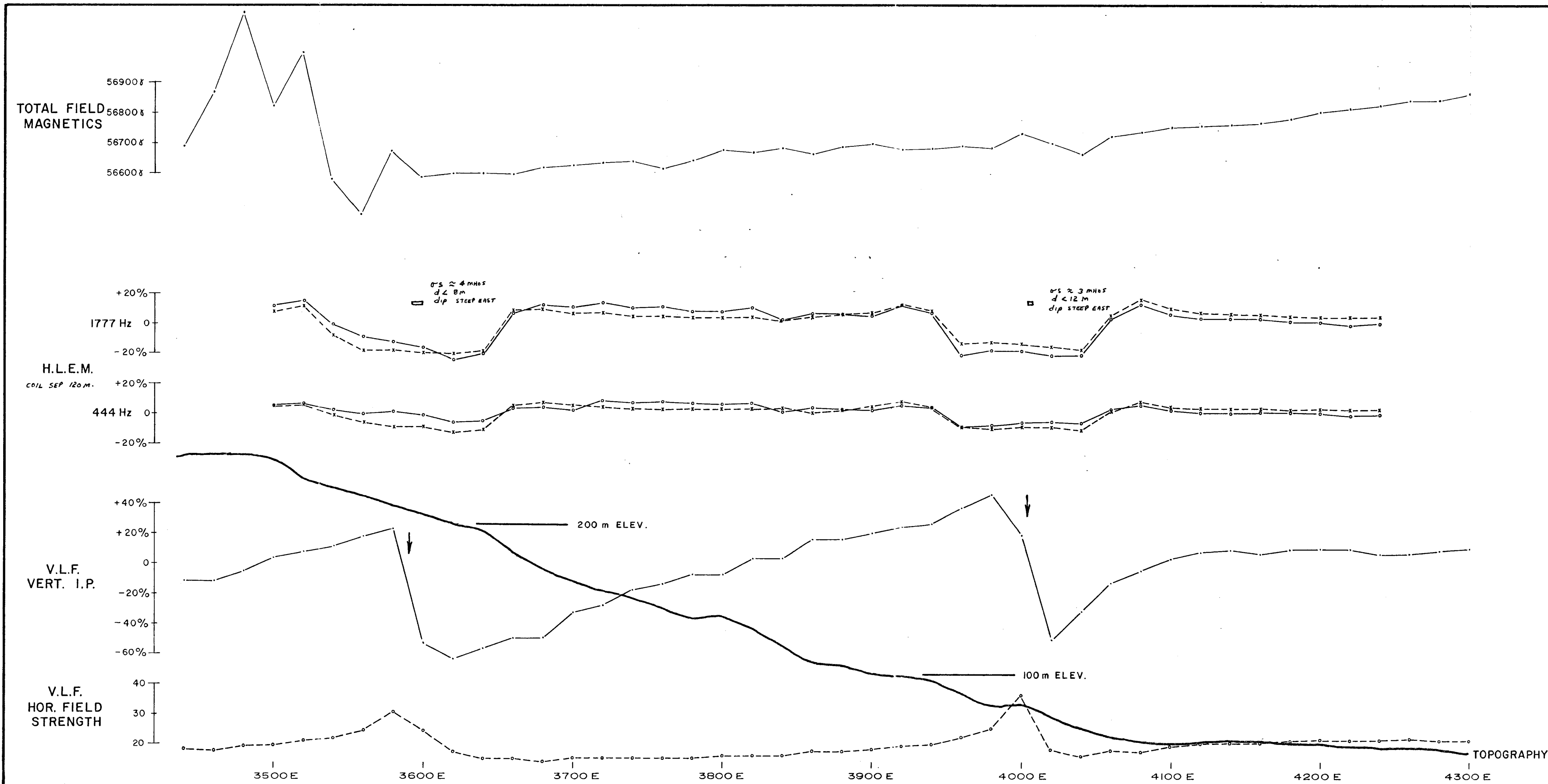
**15,756**  
PART 3 OF 3

LEGEND

- strong H.L.E.M. conductor axis
  - weak H.L.E.M. conductor axis
  - V.L.F. conductor axis
  - Magnetic Anomaly Axis
- Note: Since V.L.F. anomalies were generally coincident with H.L.E.M. anomalies they have not been shown unless no H.L.E.M. response was recorded.

Figure II - 1

**FALCONBRIDGE LIMITED**  
**MARIPOSITE 1 and 2 CLAIMS**  
**CONDUCTORS,**  
**MAGNETIC FEATURES**  
 SKEENA MINING DIVISION,  
 British Columbia  
 NTS: 103 H/13E, 14W  
 1:5,000  
 0 100 200 300 400 500  
 metres



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

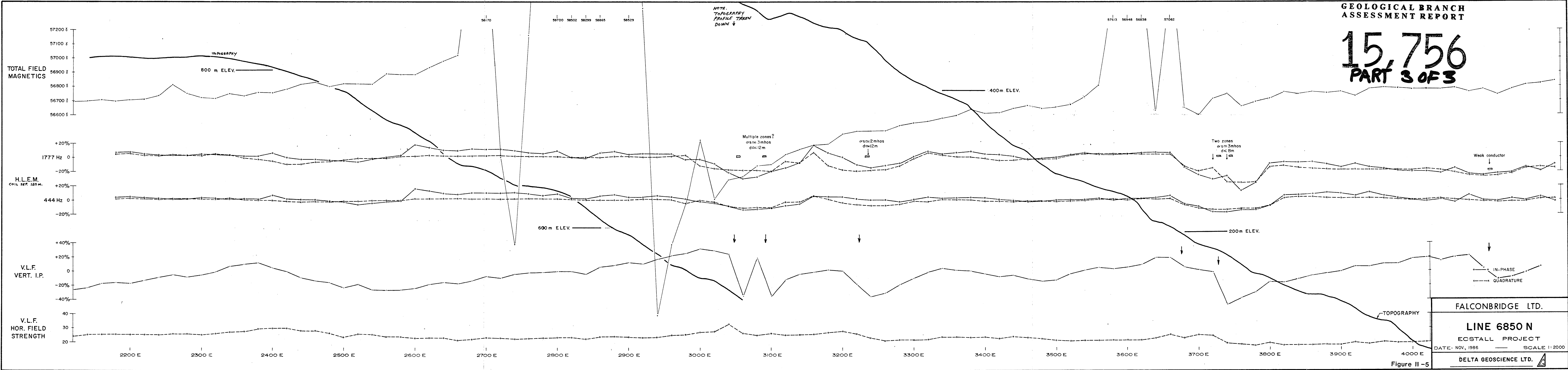
**15,756**  
**PART 3 OF 3**

○ — IN-PHASE } H.L.E.M.  
× - - - QUADRATURE

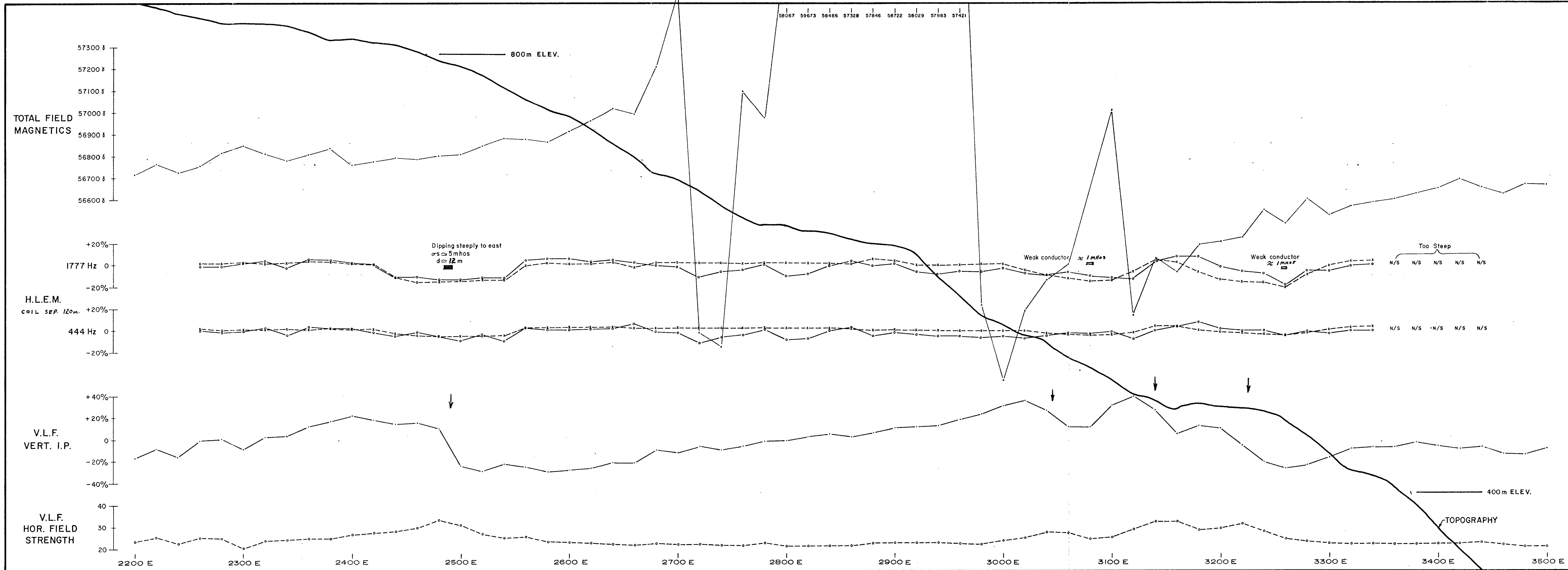
FALCONBRIDGE LTD.	
LINE 5950 N	
ECSTALL PROJECT	
DATE: NOV, 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD.	

Figure II -3

**15,756**  
**PART 3 OF 3**







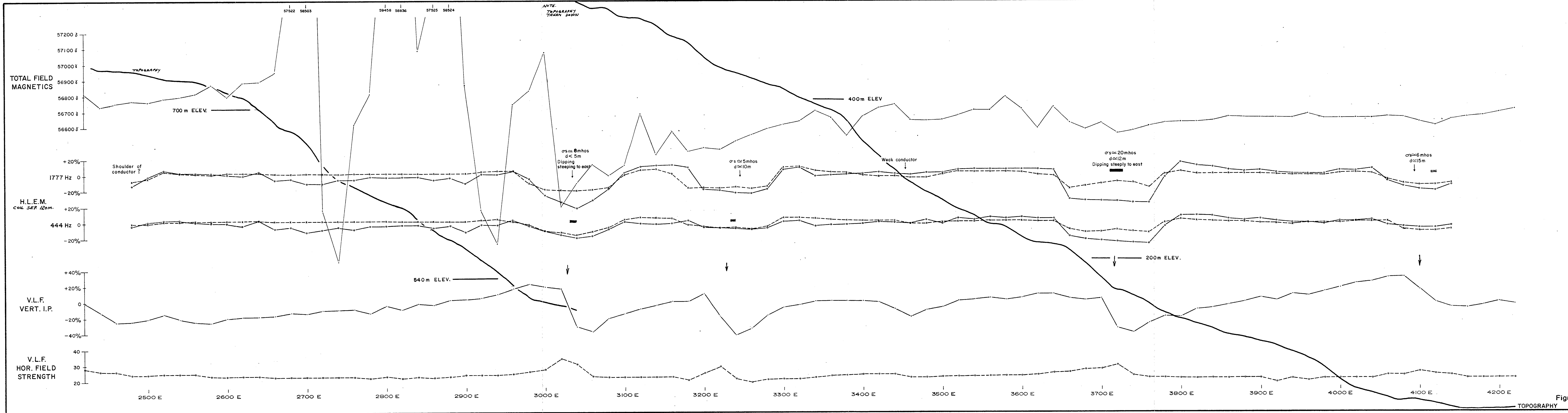
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,756**  
**PART 3 OF 3**

○ IN-PHASE } H.L.E.M.  
- - - QUADRATURE }

FALCONBRIDGE LTD.	
<b>LINE 6700 N</b>	
ECSTALL PROJECT	
DATE: NOV, 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD.	

Figure II-4



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

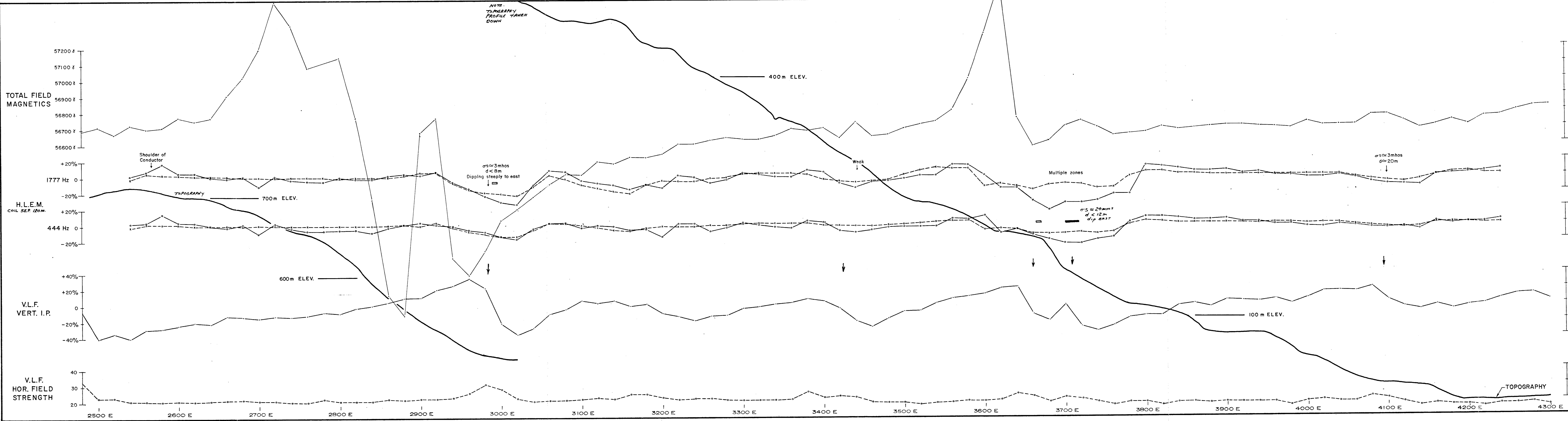
15,756  
PART 3 OF 3

○ IN-PHASE } H.L.E.M.  
- - - QUADRATURE }

FALCONBRIDGE LTD.	
LINE 7000N	
ECSTALL PROJECT	
DATE: NOV, 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD.	

Figure II -6

TOPOGRAPHY



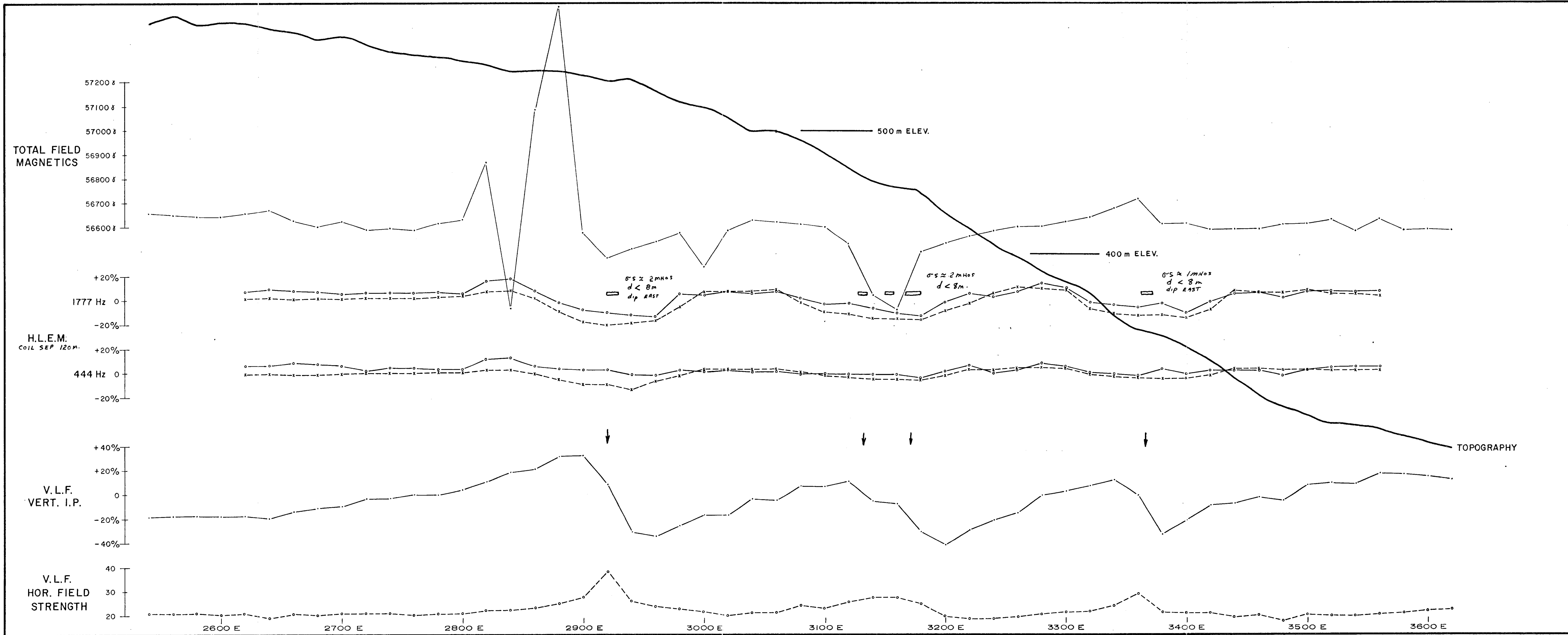
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15,756  
PART 3 OF 3

IN-PHASE } H.L.E.M.  
QUADRATURE }

FALCONBRIDGE LTD.	
LINE 7150 N	
ECSTALL PROJECT	
DATE: NOV, 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD.	

Figure II-7



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,756**  
**PART 3 OF 3**

○ IN-PHASE } H.L.E.M.  
- - - QUADRATURE


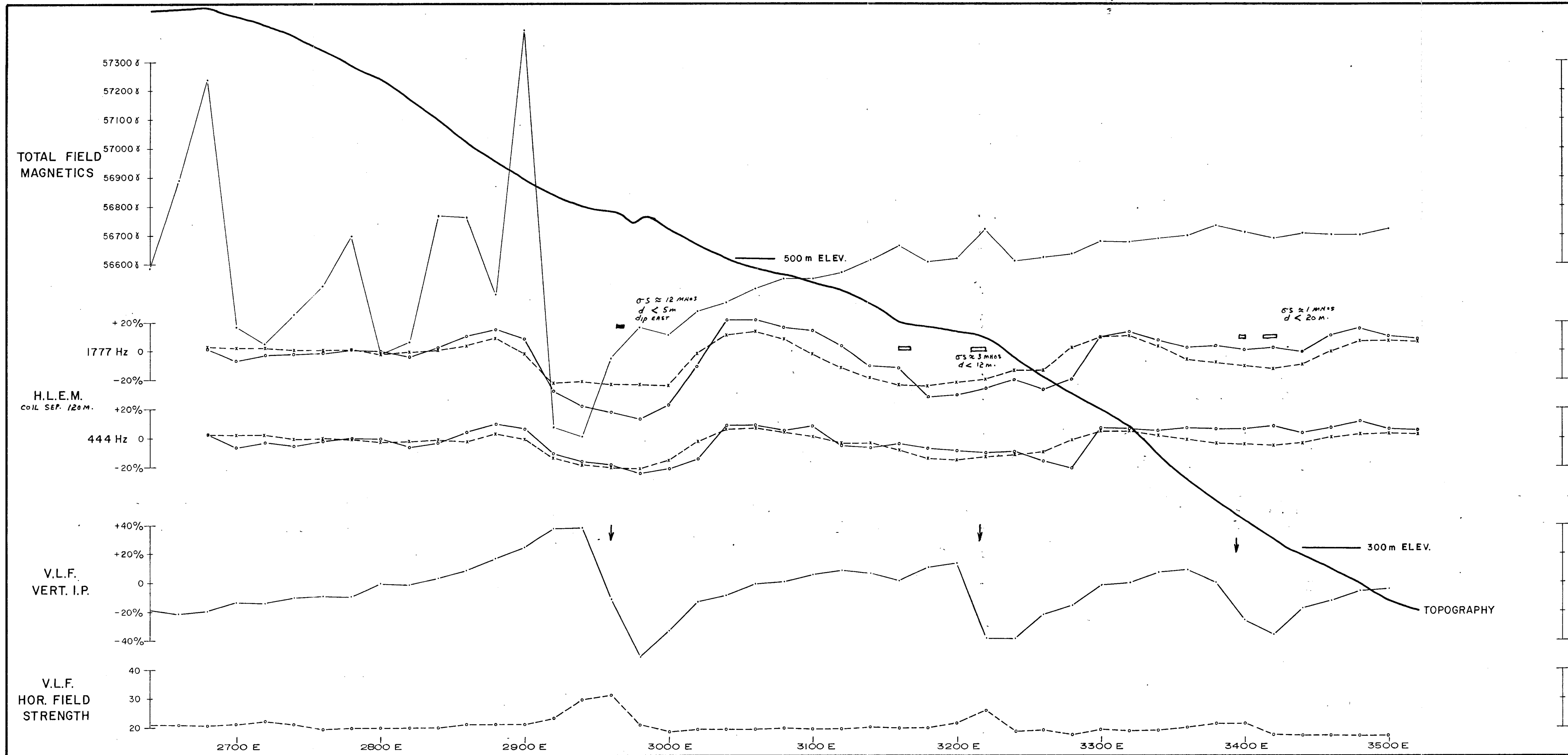
FALCONBRIDGE LTD.	
LINE 7450 N	
ECSTALL PROJECT	
DATE: NOV., 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD. 	

Figure II-9



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,756**  
**PART 3 OF 3**

○ IN-PHASE } H.L.E.M.  
- - - QUADRATURE }


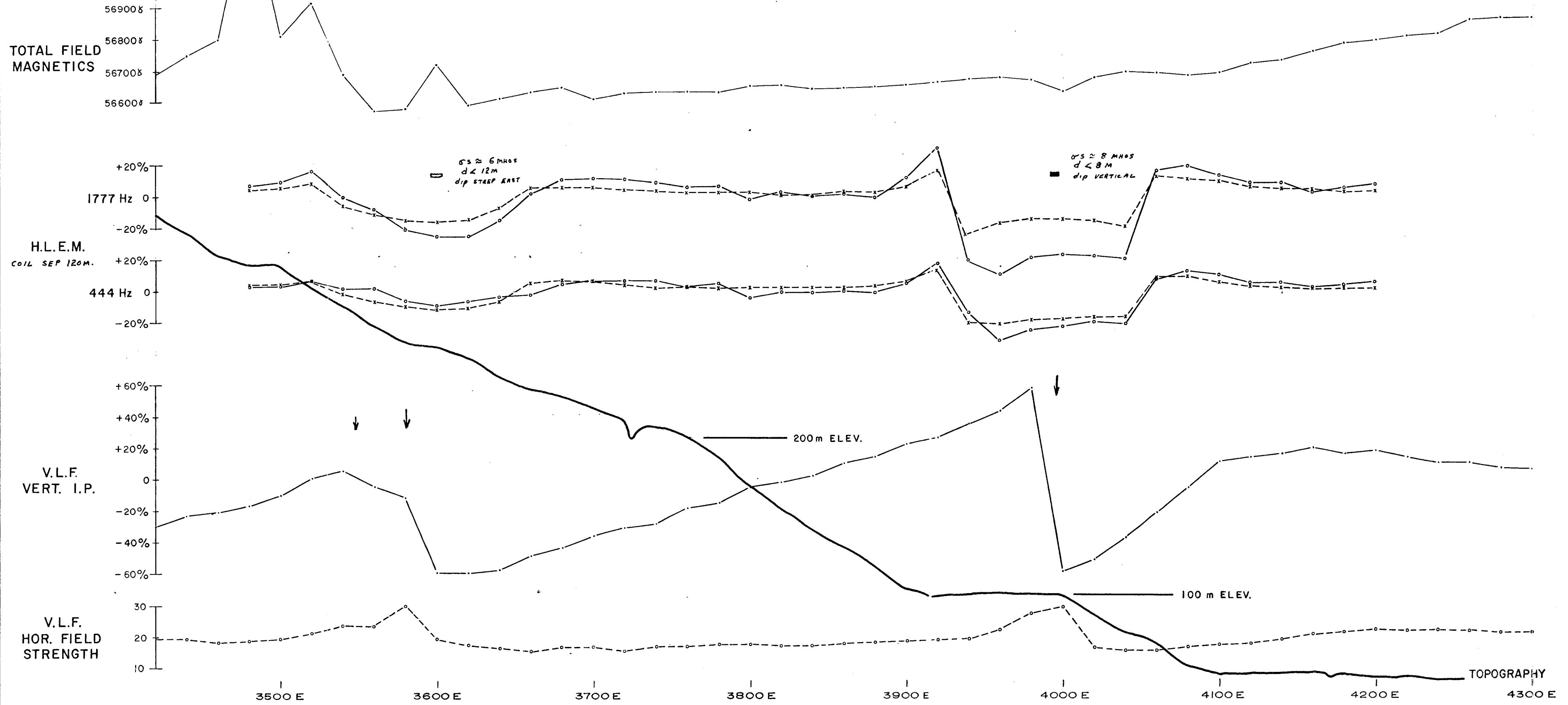
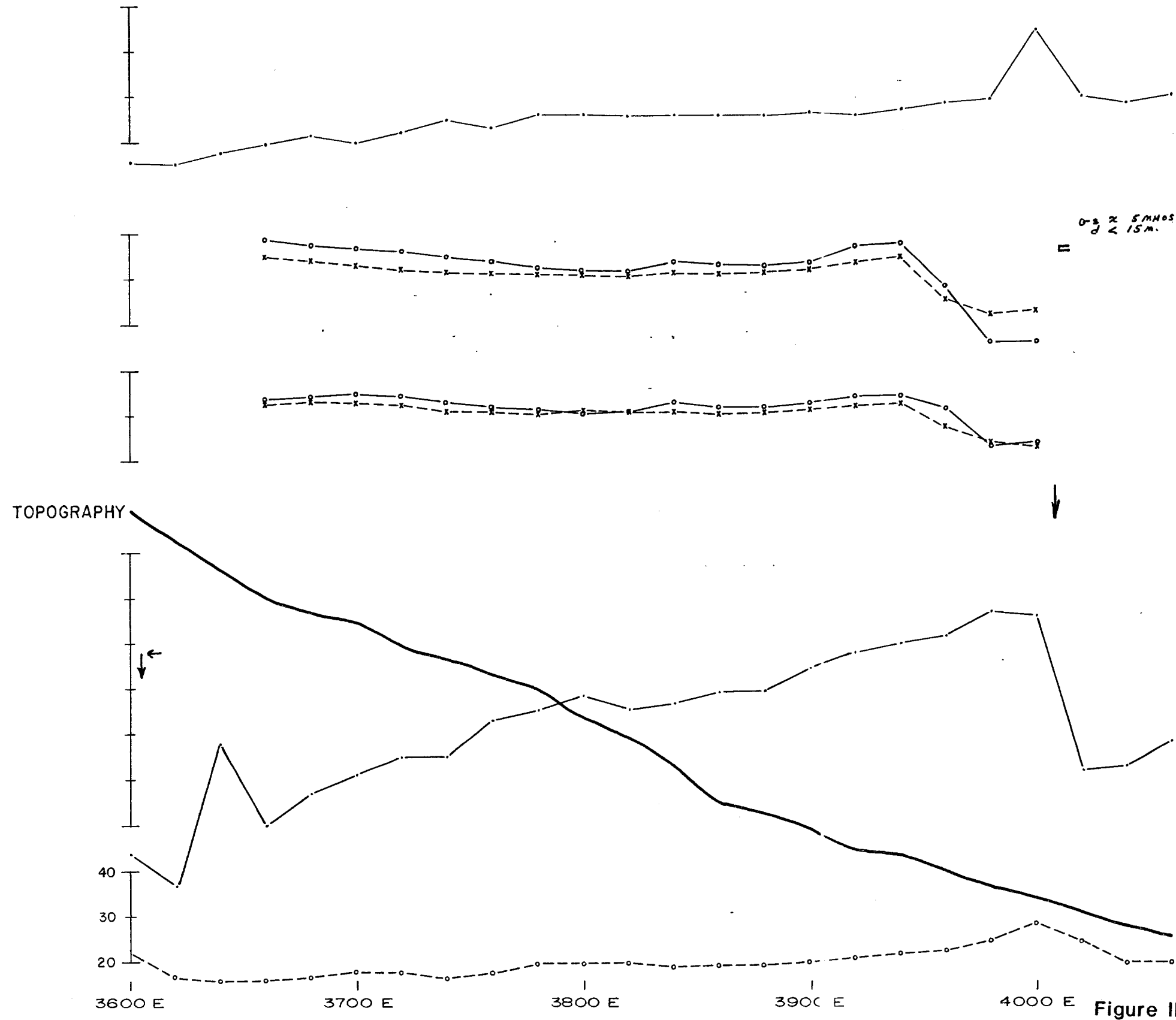
FALCONBRIDGE LTD.	
LINE 7300 N	
ECSTALL PROJECT	
DATE: NOV., 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD. 	

Figure II-8

LINE 5800 N



LINE 5650 N



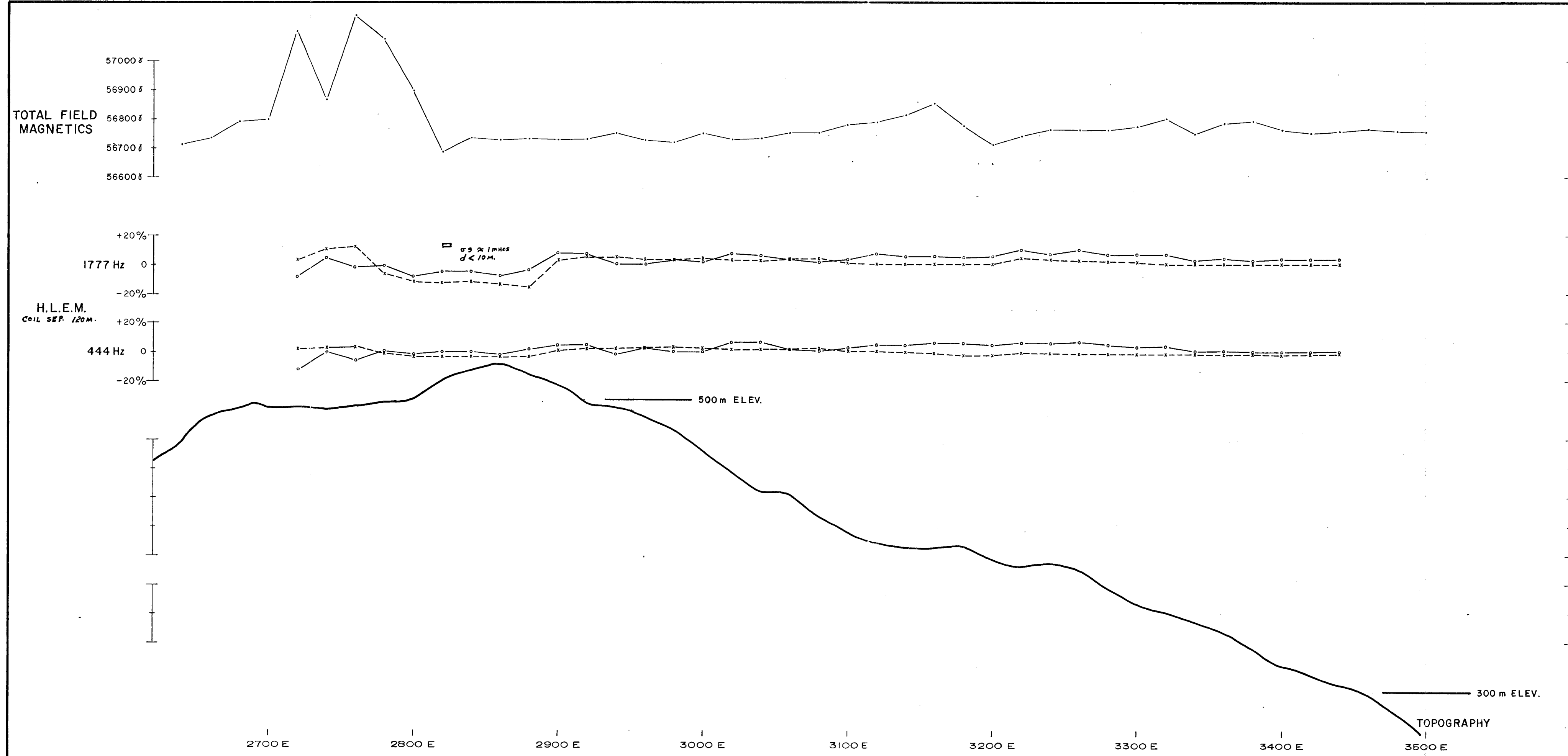
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15,756  
PART 3 OF 3

○ IN-PHASE } H.L.E.M.  
x QUADRATURE

FALCONBRIDGE LTD.	
LINES 5650 & 5800 N	
ECSTALL PROJECT	
DATE: NOV, 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD.	

Figure II-2



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

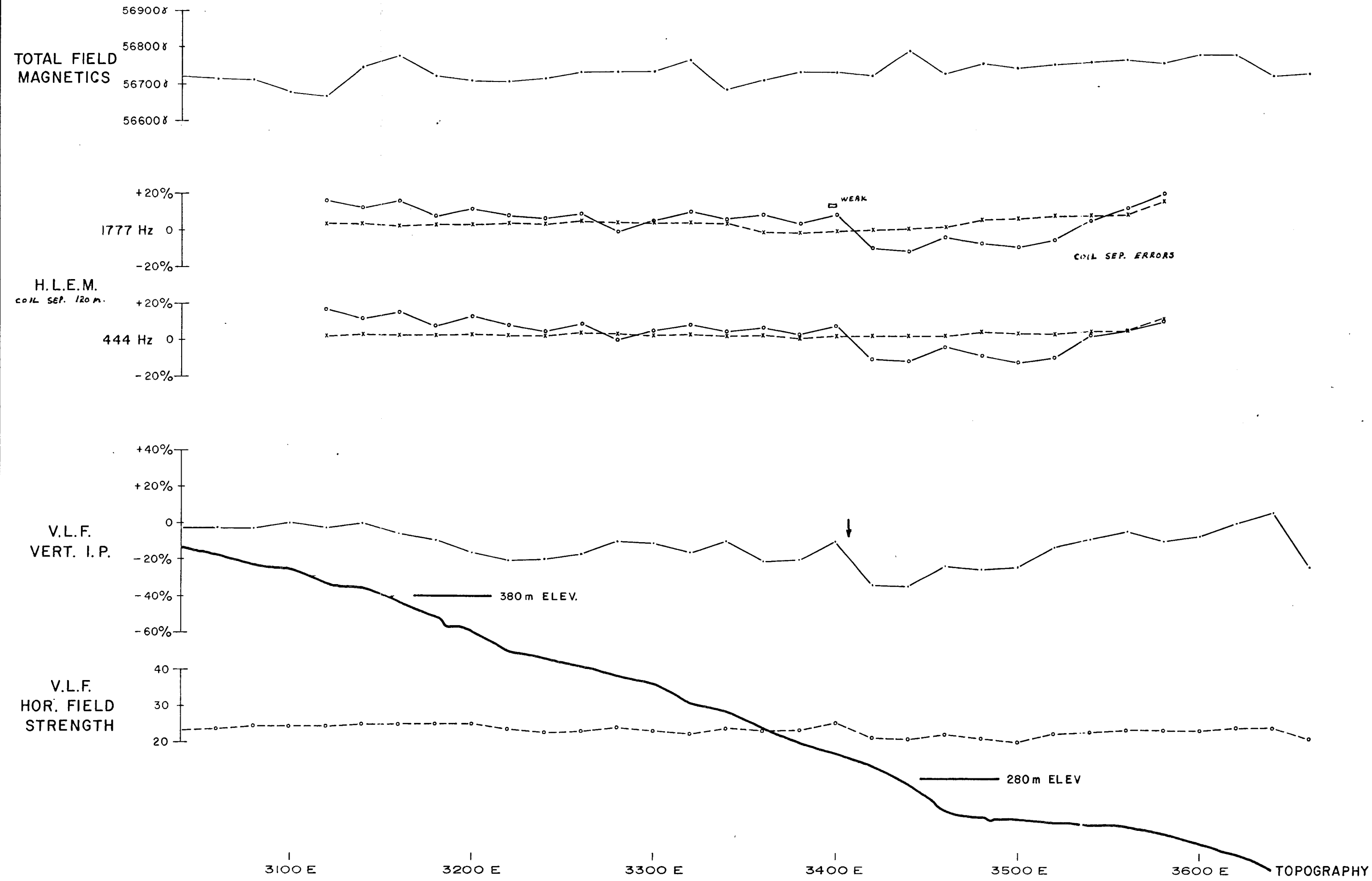
15,756  
PART 3 OF 3

—○— IN-PHASE } H.L.E.M.  
- - - x - - - QUADRATURE

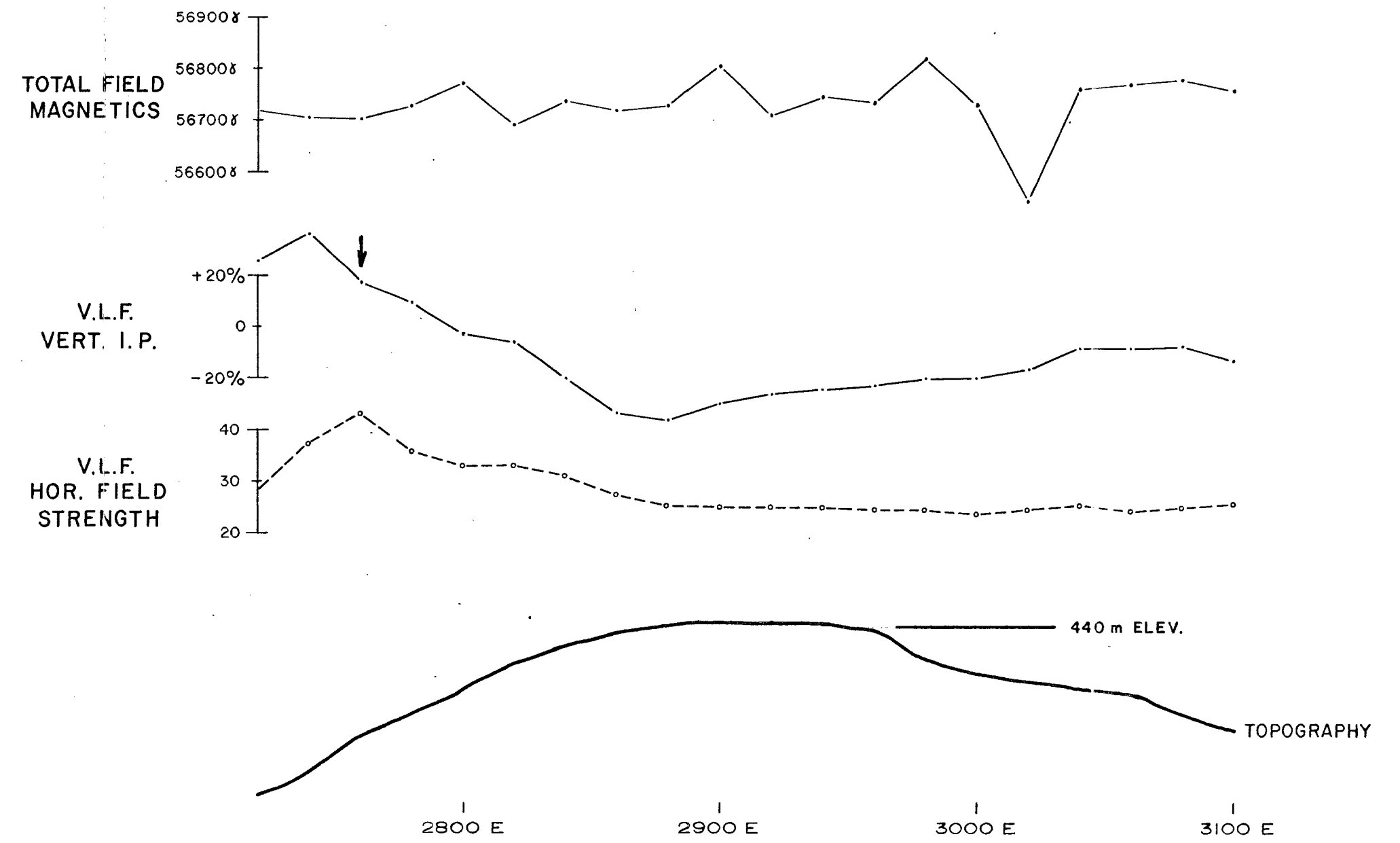
FALCONBRIDGE LTD.	
LINE 7960 N	
ECSTALL PROJECT	
DATE: NOV., 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD.	

Figure II-10

LINE 8260 N



LINE 8400 N



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15,756  
PART 3 OF 3

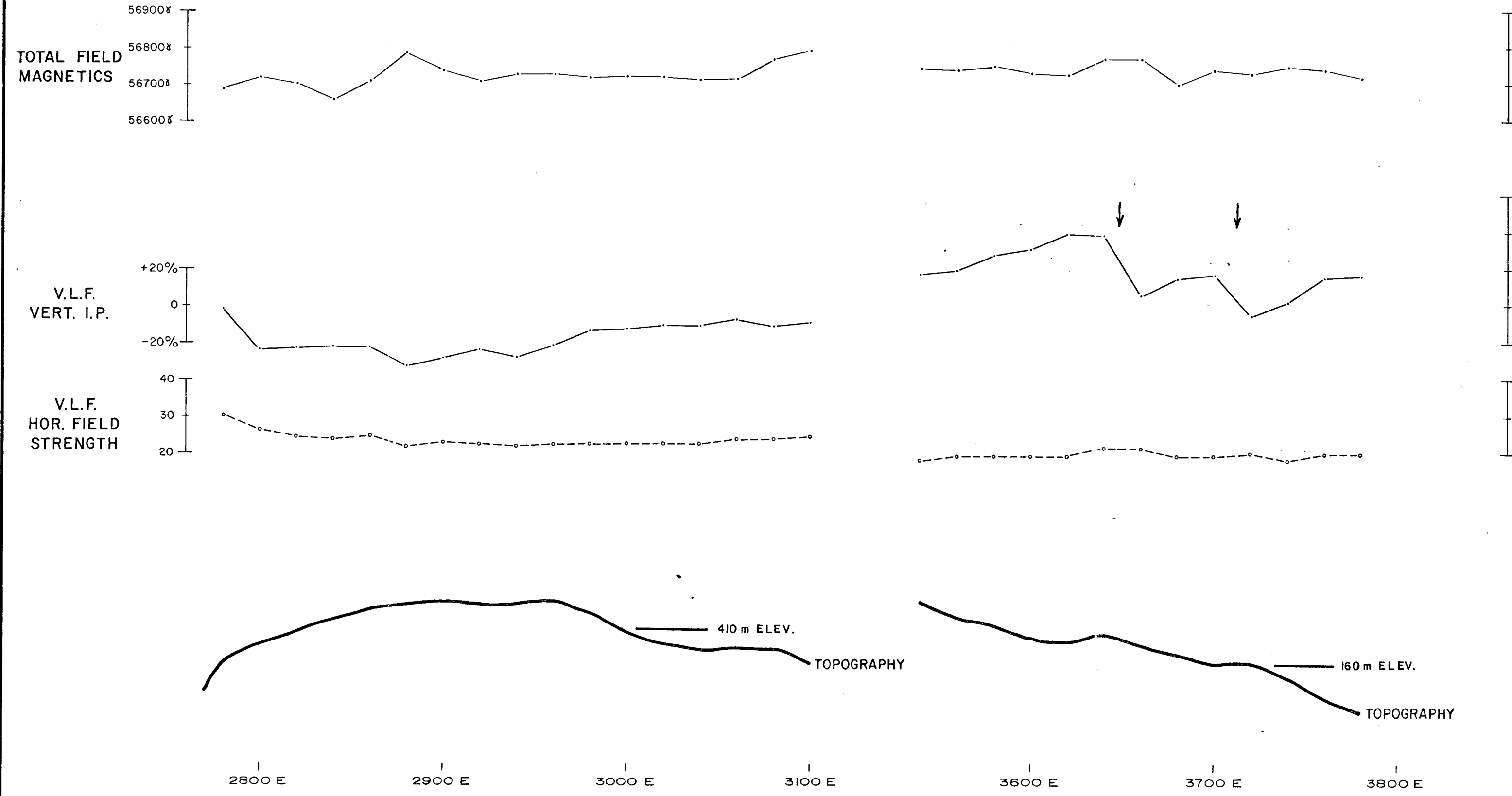
○—○ IN-PHASE  
- - - QUADRATURE

FALCONBRIDGE LTD.	
LINES 8260 & 8400 N	
DATE: NOV, 1986	SCALE: 1:2000
DELTA GEOSCIENCE LTD.	

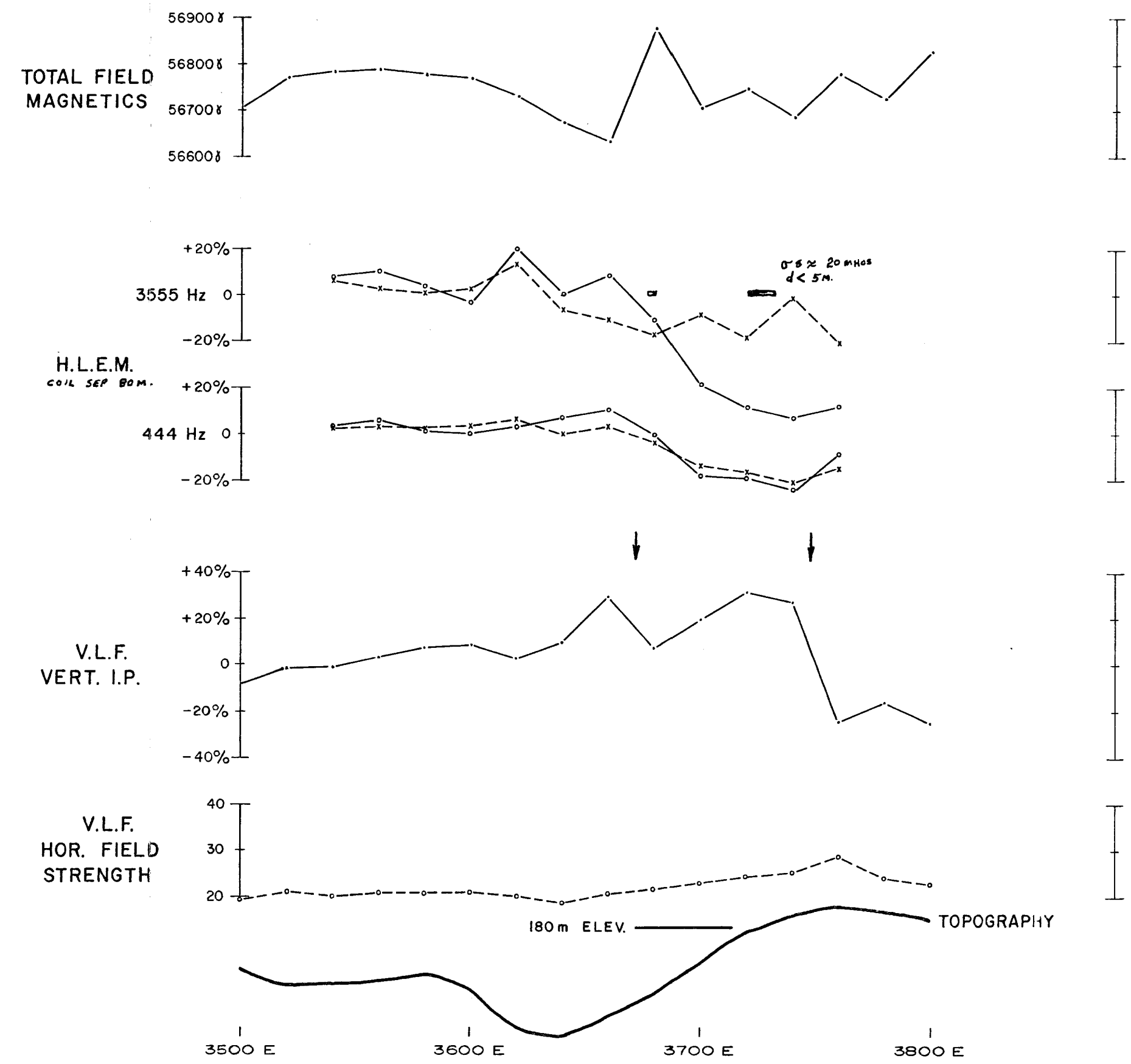
Figure II-11



LINE 8520 N



LINE 8950 N



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

# 15,756

PART 3 OF 3

○ IN-PHASE } H.L.E.M.  
- - - QUADRATURE

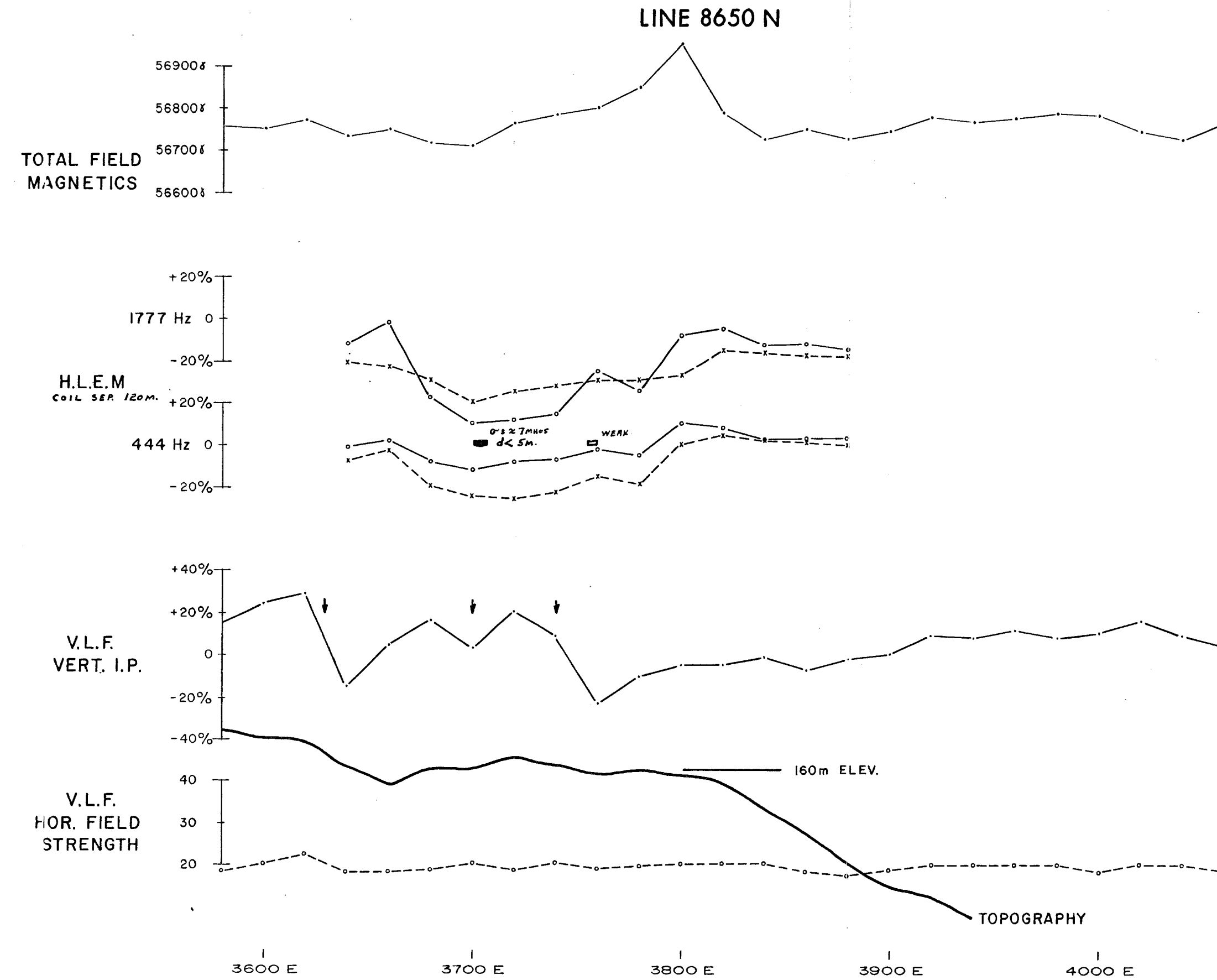
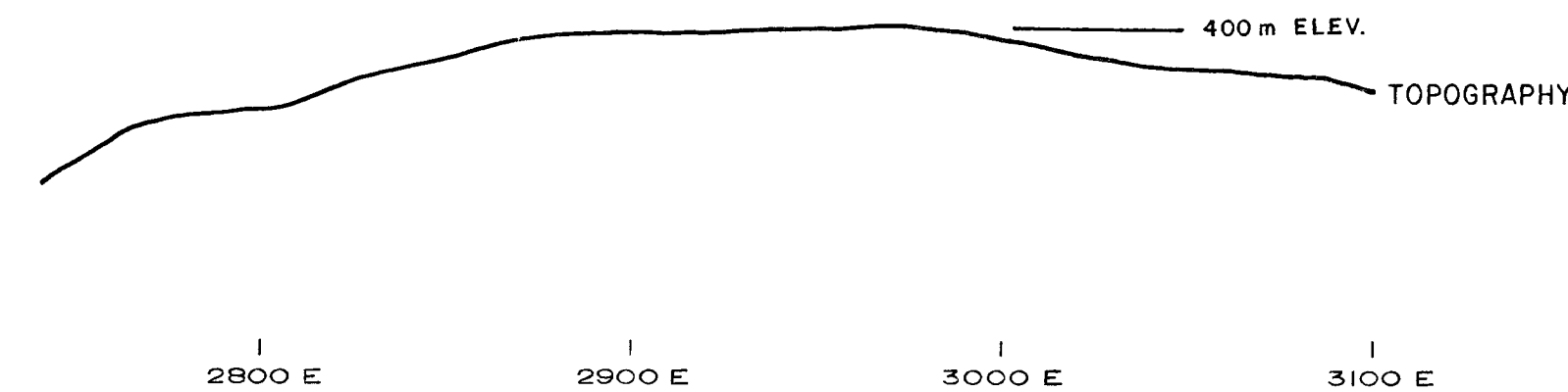
FALCONBRIDGE LTD.	
LINES 8520 & 8950 N	
ECSTALL PROJECT	
DATE: NOV, 1986	SCALE 1:2000
DELTA GEOSCIENCE LTD.	

Figure II-12

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,756**  
**PART 3 OF 3**

LINE 8650 N



○ — IN-PHASE  
x - - - QUADRATURE

**FALCONBRIDGE LTD.**

**LINE 8650 N**  
ECSTALL PROJECT

DATE: NOV, 1986 SCALE 1: 2000

**DELTA GEOSCIENCE LTD.**

Figure II - 13