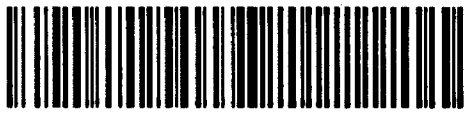
C. SALAMIS & ASSOCIATES INC.

MINING GEOPHYSICS
PROPERTY EVALUATION
EXPLORATION MANAGEMENT

P.O. BOX 730
ST. SAUVEUR DES MONTS, QUEBEC
(514) 226-3113

2.2319



010

Geophysical Surveys

Sam Project

BRASCAN RESOURCES LTD

Hanna - Reaume Twps

District of Cochrane - Ontario

December 30,1975

INTRODUCTION

An airborne geophysical survey was carried out in February 1975 over parts of Hanna and Reaume Townships approximately ten miles south of the town of Cochrane.

As a direct result of this a number of conductors were selected for staking and subsequent ground follow-up with magnetic and electromagnetic techniques.

The airborne conductors are located under a thick layer of conductive overburden. For this reason the lower frequency Geonics EM-17 (820Hz) was used with a coil separation of 400 feet (exception was anomaly #53C where a 600 foot coil separation was maintained).

A total of 16 airborne EM conductors were selected for examination. Twelve grids were cut with lines at 400 feet intervals. In the absence of concession lines the grids were located by tying in to physical features appearing on the mosaic such as creeks, roads, and the Frederick House River. The latter feature is the principal access into most of the conductors examined.

A total of 41.3 miles of line was cut and chained. This total includes access lines as well as base lines, and picket lines.

The magnetometer survey was carried out using a McPhar MF-1 flux-gate magnetometer.

A total of 30.2 line-miles of magnetics was performed. The electro-magnetic survey totalled 29.2 line miles.

Field work was carried out between October 7th and December 16th.

GENERAL GEOLOGY

The general map covering the area is Map #2205. Timmins-Kirkland Lake (one inch to four miles) published by the Ontario Division of Mines.

The most useful map is Preliminary Map #P767 of Reaume township. This is part of the Timmins Data Series and incorporates all assessment data up to 1972 the date of publication. The map scale is a quarter mile to the inch.

The survey area is heavily drift covered and thus the geological map is based primarily on aeromagnetic interpretation together with limited drill hole information.

The area of interest is interpreted as underlain by intercalated mafic and felsic metavolcanic rocks bordered on the north and south by mafic to ultramafic sills.

The area is transected by a large number of NW striking faults.

ELECTROMAGNETIC SURVEYS

With few exceptions the EM conductors located are low amplitude. Fortunately the general noise level due to conductive overburden is small because of the operating frequency of the Geonics EM-17L. The imaginary component varies over very narrow limits. Resolution of the conductors is thus good in spite of their considerable depth. It should be emphasized that the depth of the anomalies as calculated from the phasor diagram is a maximum thus insuring that the recommended drill holes will adequately test the conductors.

The conductors examined by ground surveys are 28, 26, 55C, 23, 24, 25, 53, 15, 16, 17, 61B, 19, 21, 22, 6, 31.

Additional EM work is recommended for conductor 61B near the base line and to the north-east, completion of grid on conductor #22, and possibly extensions to conductors on grids 6 and 31. Within all of the grids surveyed only one drill hole was located (Conductor #15). Thus all of the recommended targets remain untested.

Profiles of the two components measured (in phase and out of phase) are indicated on the enclosed maps. The map scale is one inch to two hundred feet.

Anomaly assignations are prefixed by the air EM number in each case.

A quantitative interpretation of all the conductors located is given in tabular form. The calculated widths, depths, and conductivity width is given along with specific recommendations in each case.

Of the thirty-nine conductors located eleven are designated as first priority drill targets with three selected as of secondary importance.

Anomaly #	Length ft	Width ft	Depth ft	Conductivity Width (mhos)	Magnetics	Recommendations
Grid #28						
28-1 (16W)	800+	< 20	250	80	Nil	No interest
28-2 (16W)	600+	< 20	250	80	Nil	Drill hole on L-16W (2nd priority)
28-3 (28W)	400	70	250	80	Nil	No interest
Grid #26						
26-1 (16W)	400+	150 (2 conductors)	280	70	Nil	Two conductors Poor resolution
26-2 (24W)	600	30	190	80	400	Probable AEM Excellent cond. Drill hole
26-3 (32W)	200+	110	190	22	Nil	Wide conductor Poorly defined
Grid #55						
55-1 (60W)	1000	40	220 70(Mag)	54	200	Drill hole on L-60W Test Magnetic anomaly as well.
Grid #23,24,25						
25-1 (40E)	1200	110 90(Mag)	170 40(Mag)	70	300	Drill hole on L-40E
25-2 (52E)	800+	100	140	57	Flanking	Probable extension of 25-1
25-3 (40E)	1200	400 (2 conds.)	140 90(Mag)	71	300	Two conductors Test with 2 holes
24-1 (28E)	400+	100 200(Mag)	200 40(Mag)	60	50	Drill hole on L-28E
24-2 (16E)	400	60				Weak conductor Probable overburden
24-3 (20E)	400	< 20			Nil	Drill only if 25-3 of interest
23-1 (0)	200+	< 20			50 Flanking	Edge of claims Drill only if 24-1 of interest

Anomaly #	Length ft	Width ft	Depth ft	Conductivity Width (mhos)	Magnetics	Recommendations
Grid #53						
(600' Cable) 53-1 (4^E)	800	< 20	250	-	Nil	Poor resolution Probable overburden response
Grids 15,16,17						
15-1 (0)	400+	200	200	40	Nil	Weak response
15-2 (12^E)	800	20	240	50	Nil	Previously drilled
15-3 (16^E)	800+	20	240	67	Nil	Continuation of 15-2
16-1 (8^E)	800	130	240	67	Nil	Drill hole on L-8^E
16-2 (16^E)	800+	75	-	-	Nil	Poor resolution
17-1 (16^E)	400	100	220	90	Nil	Drill hole (2nd priority)
Grid 61 B						
61-1 (28^W)	800	< 20	240 70(Mag)	80	Flanking	Probable AEM (2nd priority) Drill hole
61-2 (28^W)	400	< 20	240	80	Nil	Small target
61-3 (28^W)	800+	-	190	100	Flanking	More EM detail required
61-4 (20^W)	400+	-	190	100	Nil	More EM detail required
Grid 19						
19-1 (4^E)	400	-	180	110	60	Drill hole
19-2 (8^E)	800	< 20	200	60	Nil	Poorly defined Drill hole only if 19-1 encouraging

Anomaly #	Length ft	Width ft	Depth ft	Conductivity Width (mhos)	Magnetics	Recommendations
Grid 21 & 22						
21-1 (56E)	400+	200	170 60(Mag)	90	150 Flanking	Drill hole
21-2 (44E)	400	100	240	50	Nil	Short conductor Drill only if 21-1 encouraging
22-1 (24E)	400+	200	240	100	Nil	Complete EM coverage on grid
Grid 6 & 31						
6-1 (0)	200+	< 20	280	115	Nil	Poor resolution
6-2 (8E)	1400	30	130	108	200	Drill hole
6-3 (8E)	400	< 20	280	115	100	Target too small
6-4 (12E)	800+	80	170	160	80 Flanking	Possibly outside claims Drill hole after staking
6-5 (16E)	200+	< 20	250	90	Nil	Poor resolution
31-1 (28E)	200+	250	250	115	Nil	Near claim limit Poorly resolved
31-2 (28E)	200	160	320	106	Nil	As above
31-3 (20E)	800	60	110	100	100 Flanking	Near claim boundary. Drill hole
31-4 (16E)	200+	± 50	-	-	Contact of ultramafic interest.	Drill only if 31-3 of (Probable continuation)

Based on the quantitative interpretation of the Electromagnetic survey the recommended drill sites are as follows:

1st priority

Anomaly	Drill Collar		Direction	Dip	Length ft
26-2	L-24^{W}	2+50^{S}	S-10°E	45°	550
55-1	L-61&70^{W}	1+30^{S}	S-25°E	45°	600
25-1	1-40^{E}	2+25^{N}	South	45°	550
25-3	L-40^{E}	4+20^{S}	South	45°	450
25-3	L-40^{E}	6+20^{S}	South	45°	600
24-1	L-28^{E}	0+50^{N}	South	45°	550
16-1	L-8^{E}	20+75^{S}	South	45°	600
19-1	1-4^{E}	0+25^{S}	S30°E	45°	500
21-1	L-56^{E}	6+00^{N}	South	45°	650
6-2	L-9 10^{E}	4+00^{N}	S-25°W	45°	400
6-4	L-12 90^{E}	14+00^{N}	S-25°W	45°	500
31-3	L-20^{E}	16+00^{S}	South	45°	470
				Total	6420 ft

2nd Priority

Anomaly	Drill Collar		Direction	Dip	Length ft
28-2	L-16^{W}	4+00^{S}	South	45°	650
17-1	L-16^{E}	34+50^{S}	South	45°	600
61-1	L-28^{W}	15+00^{N}	South	45°	500
				Total:	1750 ft

MAGNETIC SURVEY

Grid #28

The northern part of the grid is characterized by a magnetic high corresponding to the eastern extension of an ultramafic sill.

The southern two-thirds of the grid is characterized by a wavy profile of low amplitude indicative of volcanic rocks.

The three EM anomalies located do not have magnetic correlation. The strike of conductor 28-2 corresponds most closely to the strike of the magnetic maxima ($S-80^{oE}$)

The calculated magnetic depth on $L-16^{W}$ at 2^{S} is 62 ft.

Grid #26 & 55

The magnetics indicate an irregular sill-like intrusive approximately 200 feet wide in the southern part of both grids.

The profiles outside of the intrusive show the typical low amplitude wavy profile indicative of volcanic rocks.

Of the four conductive zones located within the two grids conductor 55-1 is the only one showing any magnetic correlation. The calculated depth of 68 feet from the magnetic profile differs considerably from the electric depth from the phasor diagram (220 ft). Since the magnetic depth is considerably more reliable the inference is that we are dealing with conductive overburden over the bedrock source ascribed to conductor 55-1. The proposed drill hole is designed to cut both the full width of the magnetic anomaly as well as the conductor.

Grid #23, 24, 25

The magnetic responses over the conductors in this grid are the most significant obtained over the entire project area. Once more the magnetic depths are considerably less than the calculated electrical depths.

The magnetic maxima suggest the presence of a transverse fault striking N-15^{oW} in the vicinity of Line 44^{E}. This could correspond to the diabase dyke near the Hanna-Reaume township line indicated on the geological map. A magnetic anomaly corresponding to an intrusive (gabbro) is located on L-24E.

A more rigourous interpretation of the magnetics should be made upon completion of the four recommended drill holes.

The calculated magnetic depths and widths are as follows:

	Depth	Width
L-40^{E} 1+00^{S}	40	90
L-40^{E} 8+00^{S}	90	90
L-28^{E} 2+00^{S}	40	200

Grid -53

Insufficient data available. Probably underlain by volcanic rocks.

Grids 15, 16, 17

Apart from a steadily increasing gradient to the south of the grid the magnetic pattern is quite uniform.

The grid is probably underlain by a thick section of uniform, unaltered volcanic rocks. Overburden is thick as indicated by both the EM and magnetic results.

Grid 61 B

The only prominent magnetic maxima is located in the vicinity of Conductor 61-1 on L-28^{W}. Once more the grid is underlain by volcanic rocks.

Grid -19

The grid is underlain by volcanic rocks.

Grids 21,22

As above. No distinctive magnetic features.

Grids 6 & 31

The magnetics suggest that these grids are underlain by a sequence of NW striking volcanic rocks.

Drill holes within half a mile of the west boundary of the grids by Cerro and Kerr Addison cut narrow values of Copper, Nickel, and Zinc mineralization in shear planes near the contact of basic sills with intercalated felsic graphitic tuffs.

CONCLUSIONS AND RECOMMENDATIONS

A total of 16 Airborne EM anomalies were investigated by ground surveys.

Eleven of these are indicated as first priority drill hole targets while three are given a second priority. A total of 6420 feet of drilling is recommended for the former with a provision of 1750 feet for the latter.

While the program is in progress a few days of EM work should be allocated to complete grids 21 and 22 as well as anomaly extensions on the edge of some of the grids.

In the absence of outcrop the recommended drilling program will serve to define the geological environment within the survey area.

The targets are all prime targets for the presence of base metal targets.

Respectfully submitted,

Con Salamis

C.Salamis, Eng.

Ontario

42A14NE0025 2.2319 REAUME

900

File 2.2319

RECEIVED

MAR 2 - 1977

MINING LANDS SECTION

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Electromagnetic and magnetic

Township or Area Hanna and Reaume twps.

Claim Holder(s) _____

_____

Survey Company C. Salamis, P.Eng.

Author of Report C. Salamis, P.Eng.,

Address of Author Box 730, St. Sauveur des Monts, P.Q.

Covering Dates of Survey October 8 to December 18, 1975
(linecutting to office)

Total Miles of Line Cut 41.3

SPECIAL PROVISIONS CREDITS REQUESTED		DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	Geophysical	
	--Electromagnetic	40
	--Magnetometer	20
	--Radiometric	
ENTER 20 days for each additional survey using same grid.	--Other	
	Geological	
	Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: March 29, 1976 SIGNATURE: Marcel Morin P. Eng.
63.1360 Author of Report or Agent

Res. Geol. _____ Qualifications * 63.1077

Previous Surveys

File No.	Type	Date	Claim Holder

OFFICE USE ONLY

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

RECEIVED
MAR 2 1977
PROJECTS UNIT

(See attached list)

If space insufficient, attach list

TOTAL CLAIMS 45

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations 1595 Number of Readings 1595

Station interval 100 feet Line spacing 400 ft.

Profile scale

Contour interval

MAGNETIC

Instrument McPher M-700 Fluxgate type

Accuracy - Scale constant 5 gammas

Diurnal correction method Base line used as base stations

Base Station check-in interval (hours)

Base Station location and value

ELECTROMAGNETIC

Instrument Geonics EM-17L

Coil configuration Horizontal

Coil separation 400 and 600 feet

Accuracy

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency 820 c.p.s. (specify V.L.F. station)

Parameters measured in-phase and out-of-phase components

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters - On time Frequency

- Off time Range

- Delay time

- Integration time

Power

Electrode array

Electrode spacing

Type of electrode

WESTERN MINES LIMITED

SAM PROJECT

HANNA-REAUME TWPS.

GEOPHYSICAL SURVEYS, 1975

MINING CLAIMS TRAVERSED

P.428620	P.428645
P.428621	P.428646
P.428622	P.428647
P.428623	P.428648
P.428624	P.428649
P.428625	P.428650
P.428626	P.428651
P.428627	P.428652
P.428628	P.442504
P.428629	P.442505
P.428630	P.442506
P.428631	P.442507
P.428634	P.442508
P.428635	P.442509
P.428636	P.442510
P.428637	P.442511
P.428638	P.442513
P.428639	P.442514
P.428640	P.442515
P.428641	P.442518
P.428642	P.442519
P.428643	P.444499
P.428644	

Total Claims - 45

Lamarche Twp.

Reaume Twp.

St. John Twp.

Mann Twp.

Wicklow

Frederick House River

Pickerel River

Hanna Cr.

Hanna L.

Warwick L.

Warwick Cr.

SUBDIVISION ANNULLED

D.T.C. Gravel Pit 444

TRANS-CANADA HWY

NATURAL GAS PIPE LINE

WITHDRAWN FROM STAKING Sec. 42 (RSO 1960) of Mining Act. Files 88769 88772

SRD WITHDRAWN FROM STAKING UNDER SEC 43 OF THE MG ACT

See Notes

I

II

III

IV

V

VI

12 11 10 9 8 7 6 5 4 3 2 1

THE TOWNSHIP OF 2.2319

HANNA

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
ROADS	
IMPROVED ROADS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
KING's HIGHWAY	(11)

NOTES

400' Surface rights reservation around all lakes & rivers.

DATE OF ISSUE
MAR - 3 1977
SURVEYS AND MAPPING BRANCH

REG. PLAN NO. - M. 57 COVERS LOTS "A" TO Z-S. IN CON. 3 TO CON. 6.

Surface Rights Only reserved to Dept of Lands & Forests shown thus : File 88767

See L.S.F. File 96605—122598 Re Gravel On Loc. XE & Loc. Y.

Areas withdrawn from staking under Section 43 of the Mining Act. (R.S.O. 1970).

Date	File	Date	Disposition
W.54/73	(43) 88773	27/11/73	S.R.O.
W.32/74	(43) 96605	12/6/74	S.R. & M.R.

PLAN NO. - M 490

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

42A14NE0025 2.2319 REAUME

200

J.G.

NOTES

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

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

SAND and GRAVEL

(1)	Gravel Reserve	File: 144579
(2)	Gravel Reserve	File: 144585
(3)	Gravel Reserve	File: 173973

FOURNIER TP. M.477

CONCESSION I

LOT 11 LOT 10 | LOT 9 LOT 8 | LOT 5 LOT 4 | LOT 3 LOT 2

VI V IV III II I LOT

Carman L.

Rebuma

Reaume Ct.

Reaume Lake

BECK TP. M.413

HANNA TP. M.490

LUCAS TP. M.537

DUFF TP. M.466

S.E. CORNER CO-ORDINATES (Approx.)
LAT. 48° 53' 04"
DEP. 81° 04' 28"

LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	◓
" MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◨
" MINING RIGHTS ONLY	◪
LICENCE OF OCCUPATION	▼
CROWN LAND SALE	C.S.
ORDER-IN-COUNCIL	OC
RESERVATION	⊕
CANCELLED	⊗
SAND & GRAVEL	⊖

SCALE : 1 INCH = 40 CHAINS

FEET 0 500 1000 2000 4000 6000 8000
METRES 0 200 400 600 800 1KM 2KM

ACRES	HECTARES
40	16

TOWNSHIP 2.2319

REAUME

DISTRICT

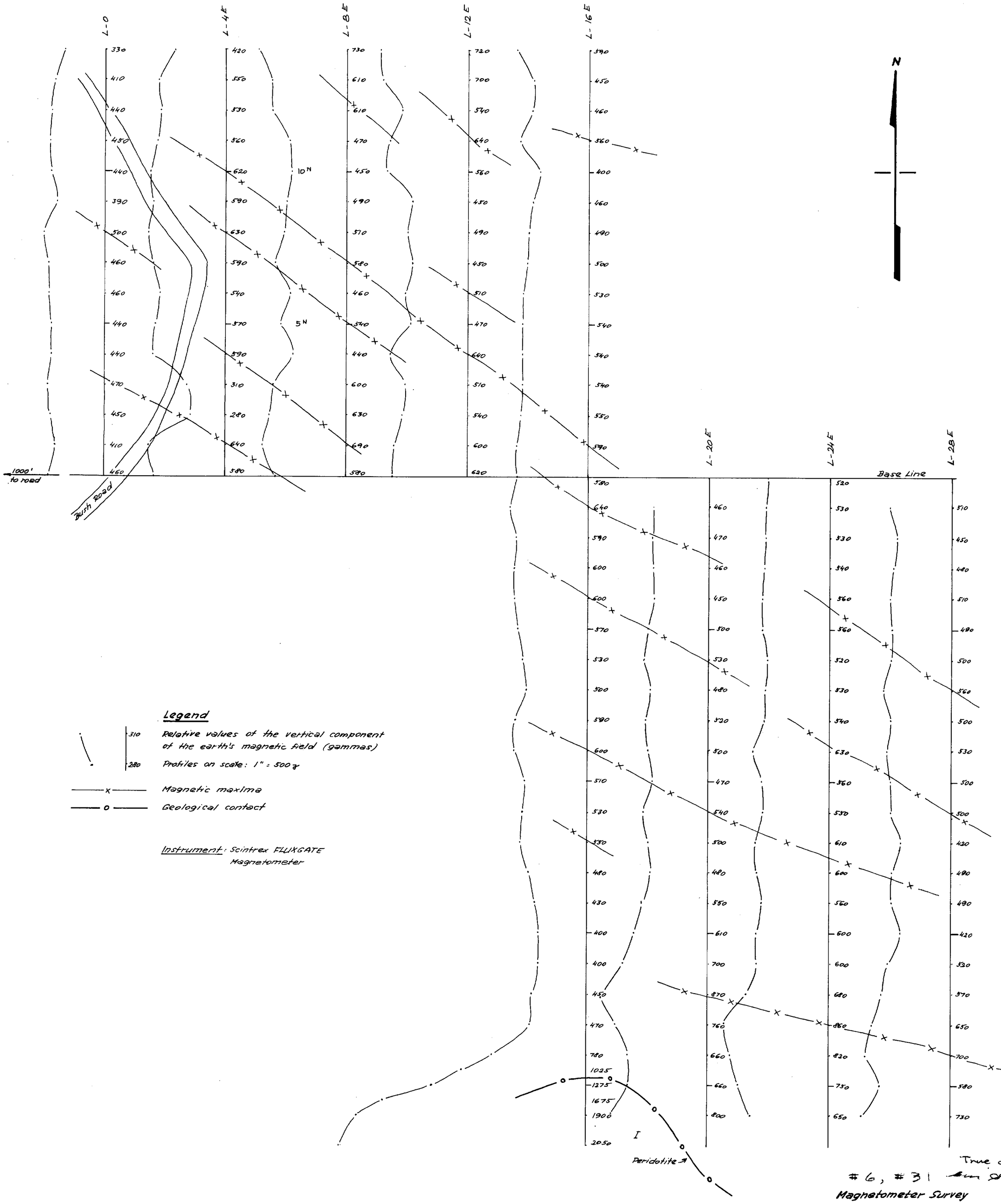
COCHRANE

MINING DIVISION

PORCUPINE

Ministry of Natural Resources
Ontario Surveys and Mapping Branch

Date	Plan No.
OCT. 1975	M.576
Whitney Block Queen's Park, Toronto	



Legend

310 / 280 — Relative values of the vertical component of the earth's magnetic field (gammas)

Profiles on scale: 1" = 500γ

—x— Magnetic maxima

—o— Geological contact

Instrument: Scintrex FLUXGATE Magnetometer

True copy
#6, #31

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

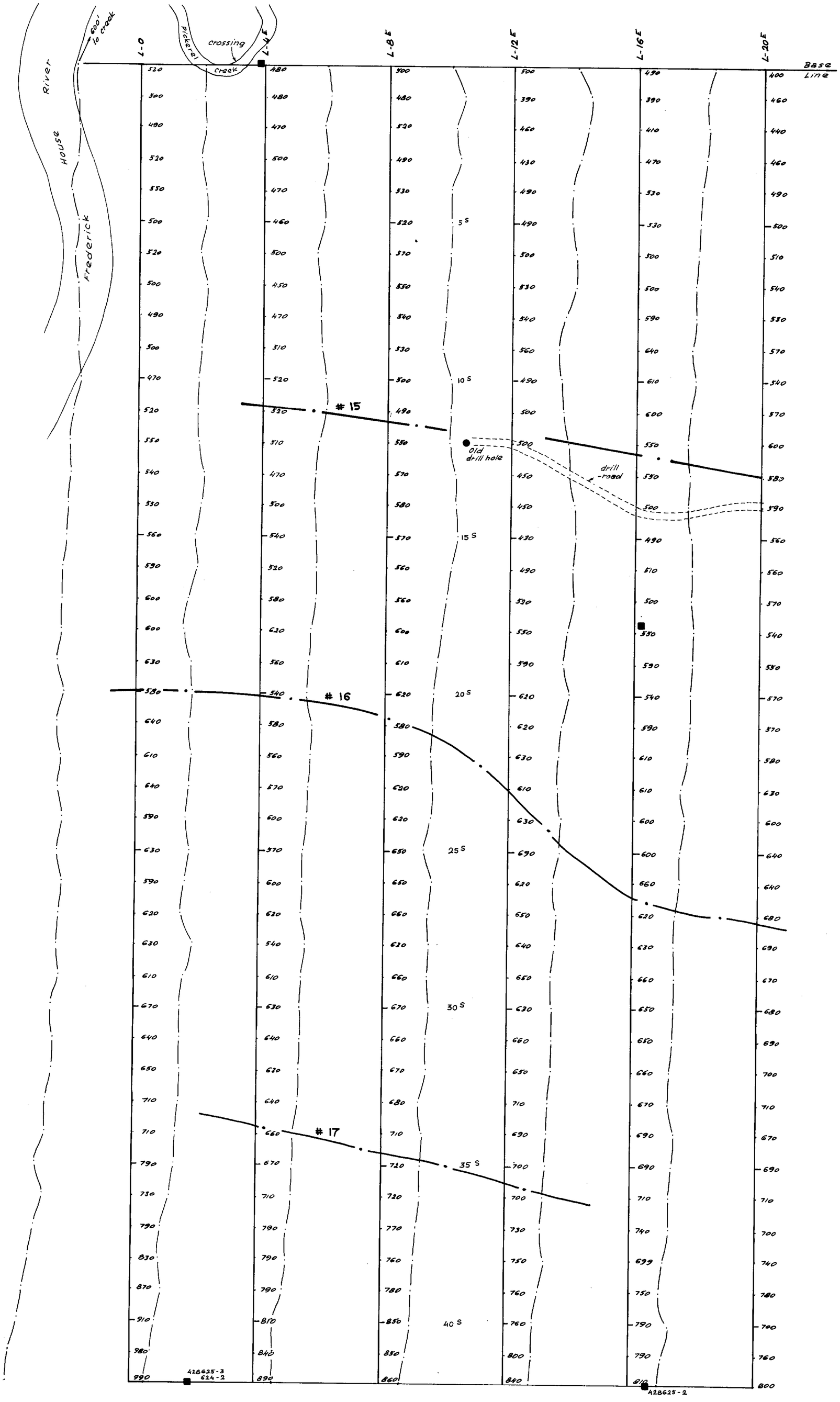
Scale: 1" = 200'

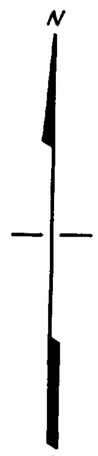
January 1976

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319





Legend:

490 / 390 — Relative values of the vertical component of the earth's magnetic field (gammas)

Profiles on scale: 1" = 500γ

Instrument: Scintrex FLUXGATE Magnetometer

Magnetic anomaly

True copy
Leon Salamis

#15, 16, 17

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

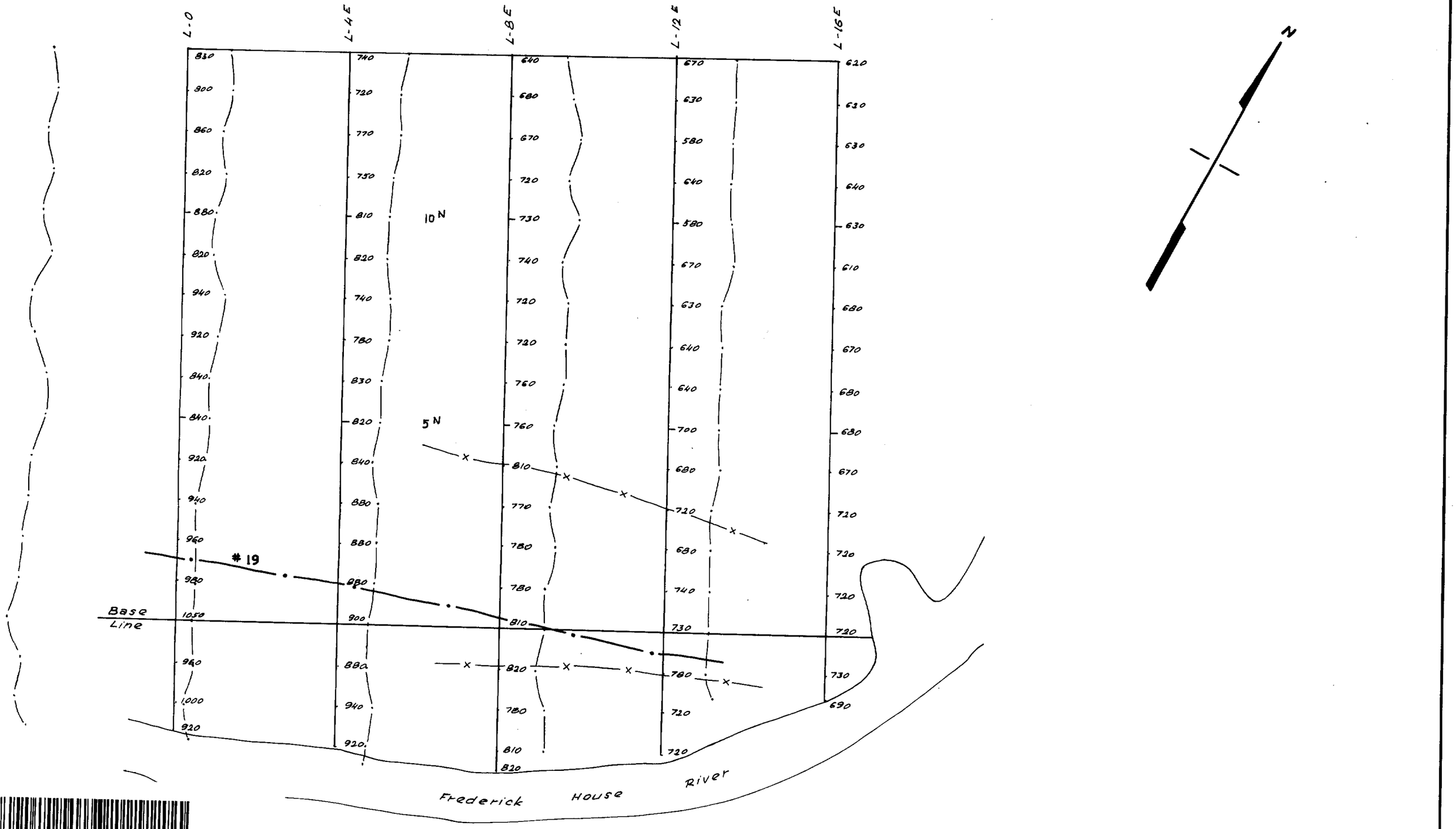
Scale: 1" = 200'

December 1975

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319



240

Legend:

580 / 670 — Relative values of the vertical component of the earth's magnetic field (gammas)

Profiles on scale: 1" = 500 γ

Instrument: Scintrex FLUXGATE Magnetometer

Magnetic anomaly

Magnetic maxima

True copy
Ian Salamis

#19

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

Scale: 1" = 200'

December 1975

C. Salamis
M. Morin

Drawn by: E. Olenocin

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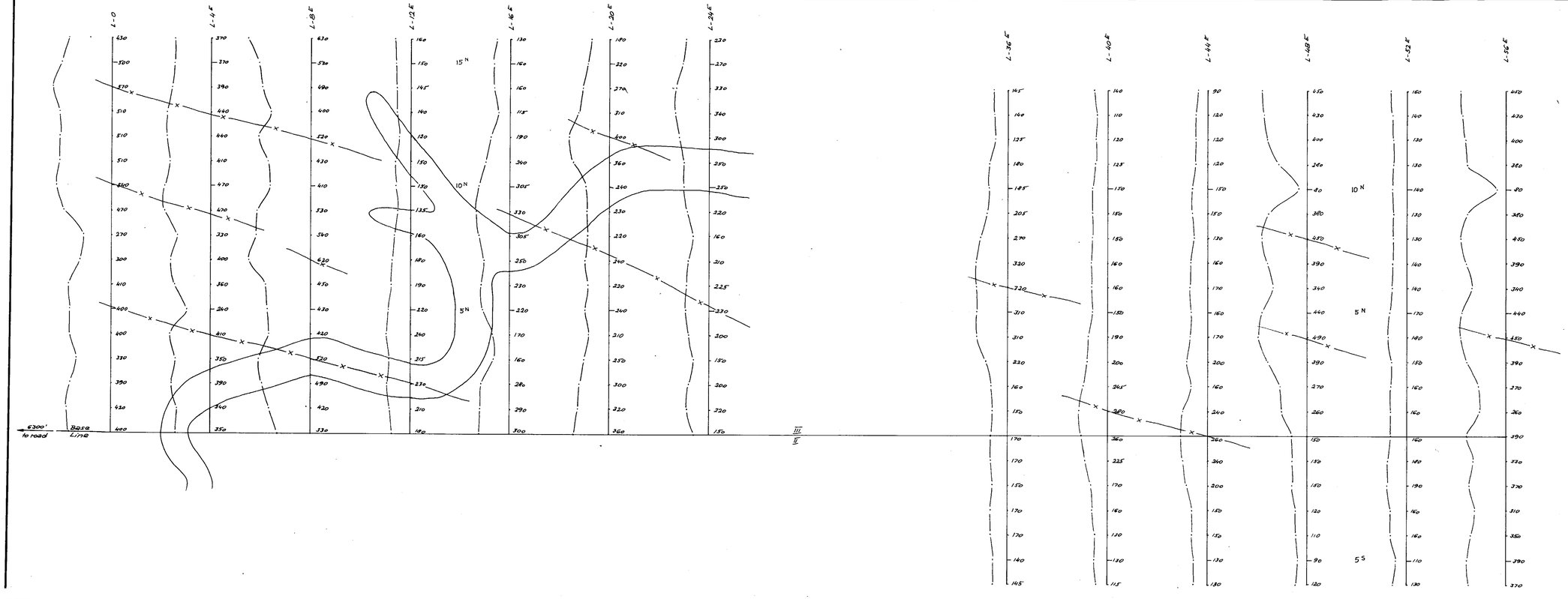


True of
21, 22 Sam Shaheen

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

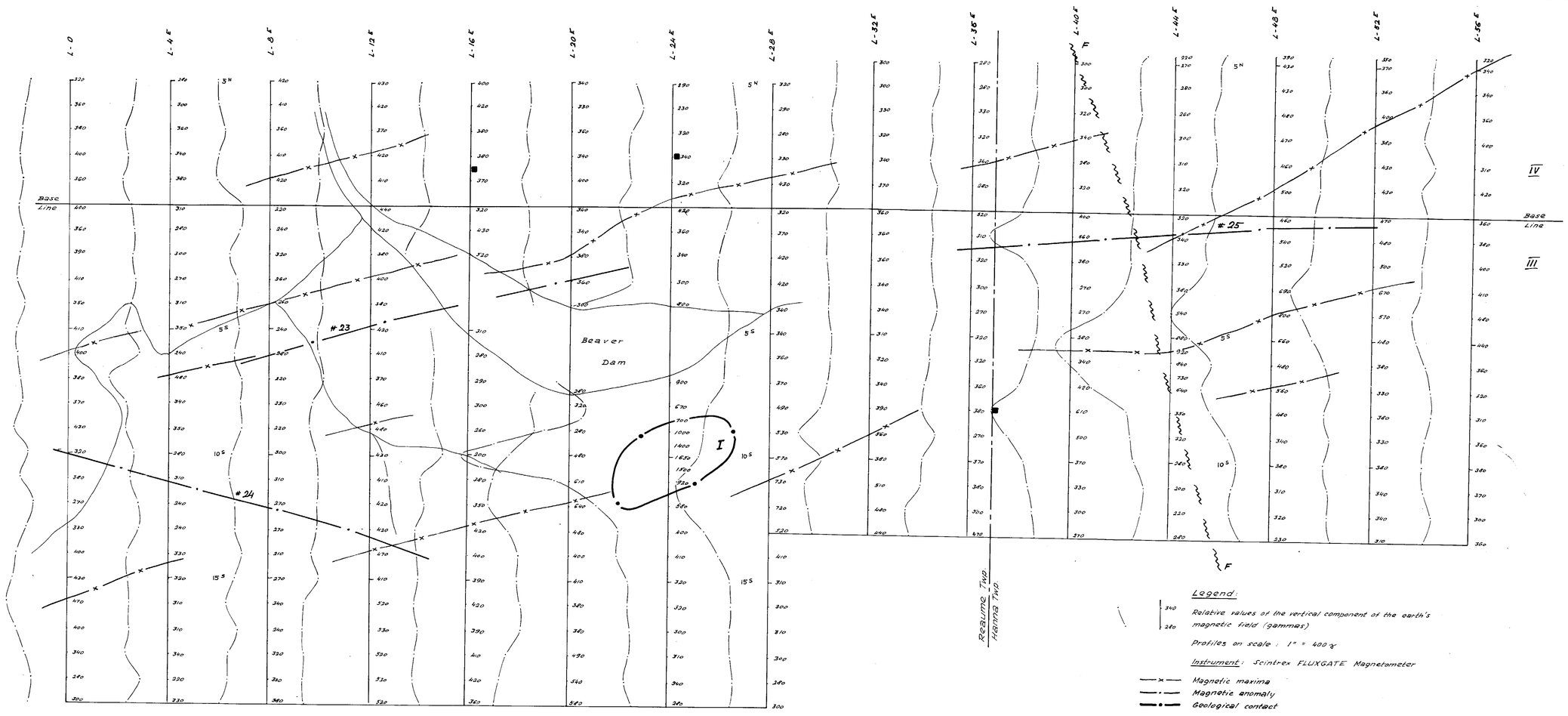
Scale: 1" = 200'

January 1976

C. Salgami's
M. Martin
Drawn by: E. Olenoom

250

2 2319



Legend:

Relative values of the vertical component of the earth's magnetic field (gammas)

Profiles on scale : 1" = 400 γ

Instrument : Scintrex FLUXGATE Magnetometer

- Magnetic maxima
- Magnetic anomaly
- Geological contact

True copy
Sam Salamis

#23, 24, 25

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

Scale : 1" = 200'

December 1975

C. Salamis
M. Morin

Drawn by: E. Glencoin

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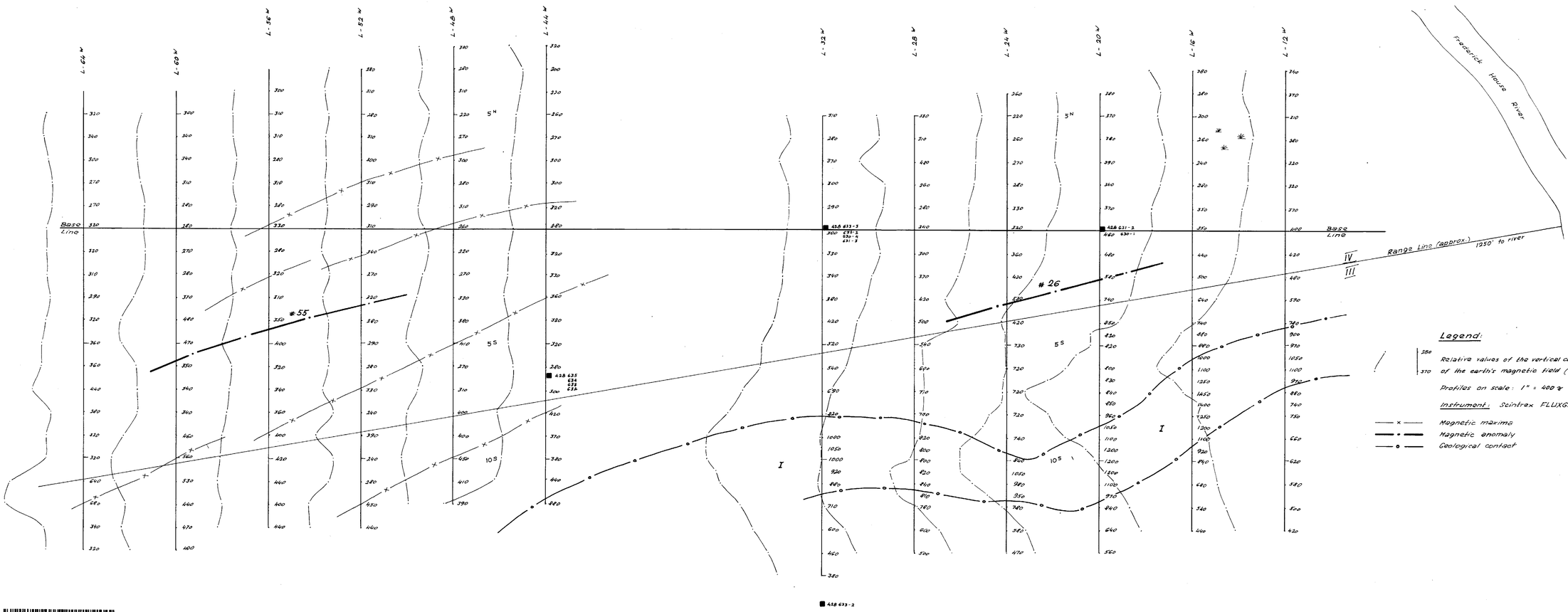


Time was
#26, 55 Sam Salamis

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

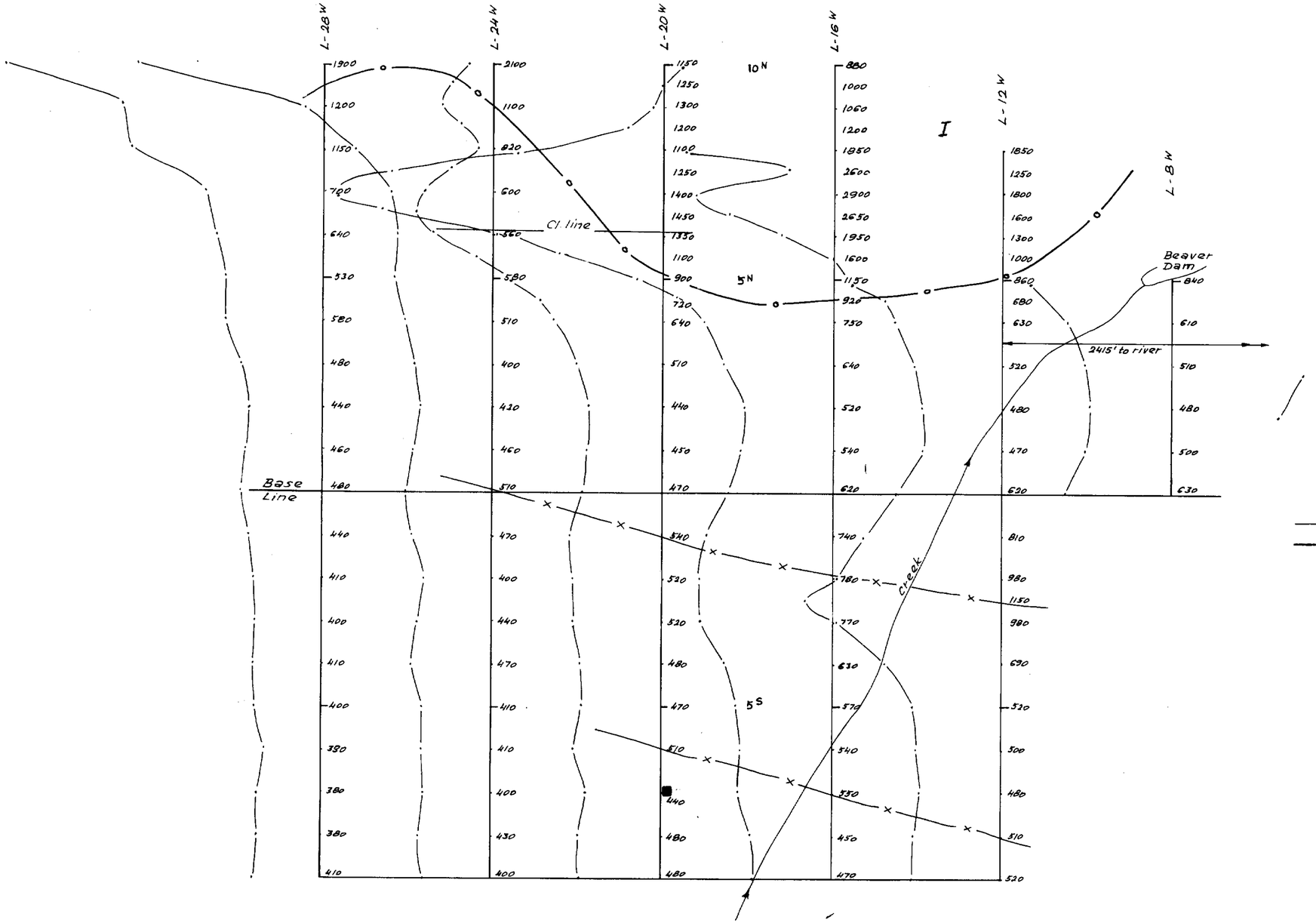
Scale: 1" = 200'

December 1975

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319



Legend:

470 / 620 — Relative values of vertical component of the earth's magnetic field (gammas)

Profiles of scale: 1" = 500 γ

Instrument: Scintrex FLUXGATE Magnetometer

——×—— Magnetic maxima

——o—— Geological contact

True copy
#28 Ben Salamis

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

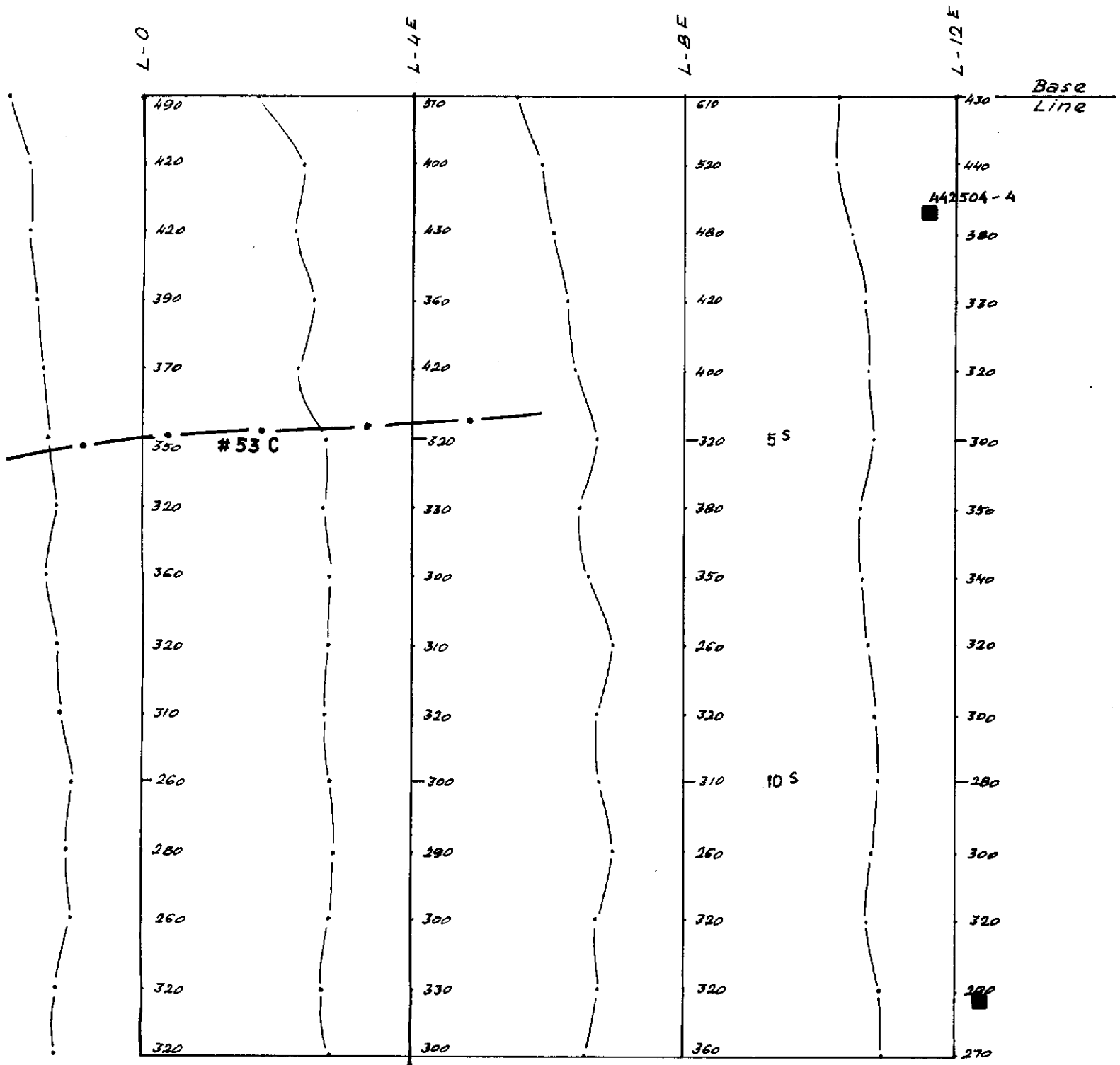
Scale: 1" = 200'

December 1975

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319



True copy
#53 C. Salamis

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

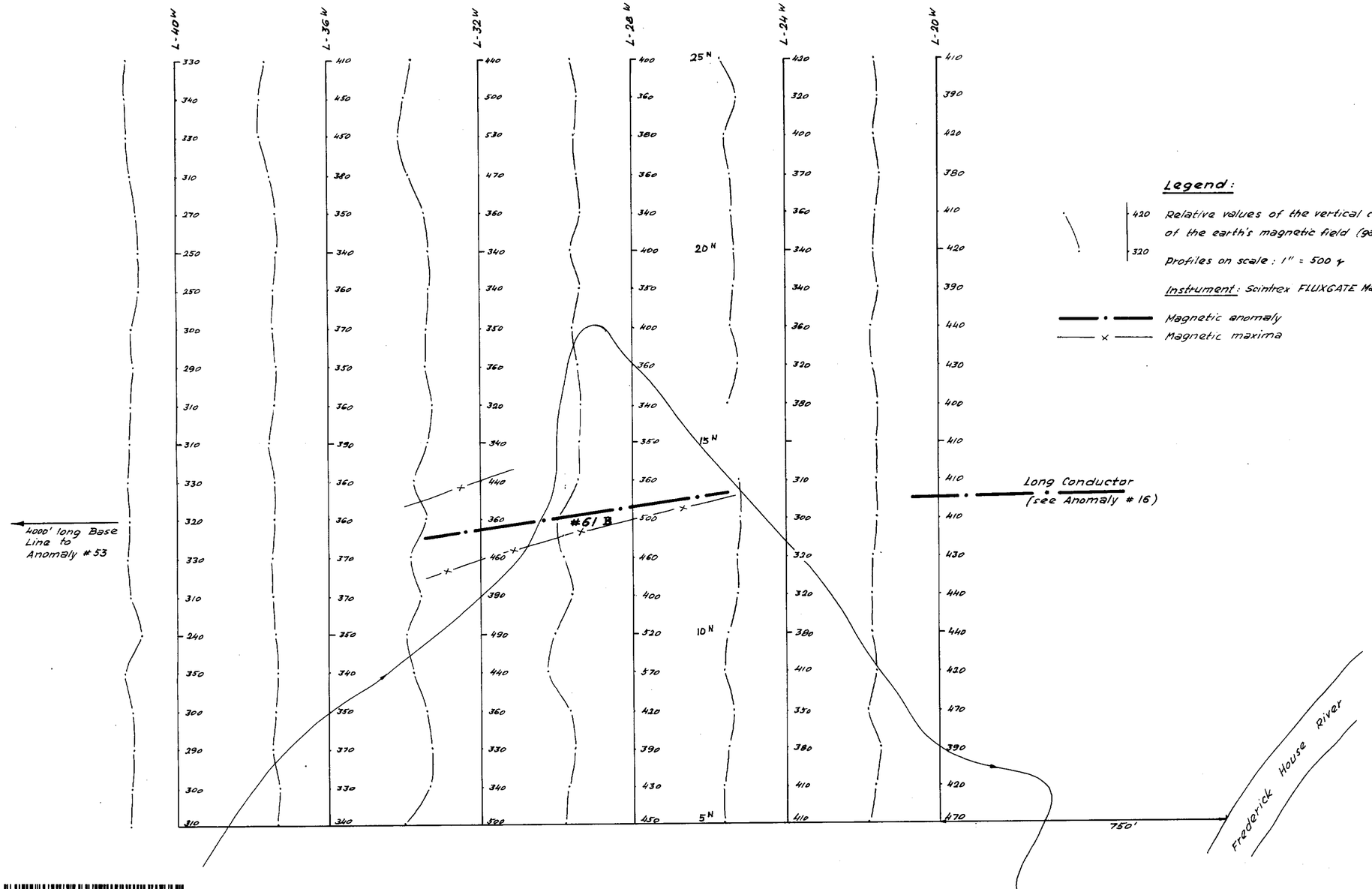
Scale: 1" = 200'

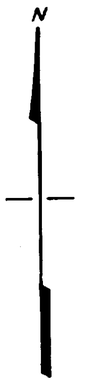
December 1975

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319





Legend:

420 / 320 — Relative values of the vertical component of the earth's magnetic field (gammas)

Profiles on scale: 1" = 500 ϒ

Instrument: Scintrex FLUXGATE Magnetometer

Magnetic anomaly

Magnetic maxima

True copy
#61 C. Salamis

Magnetometer Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

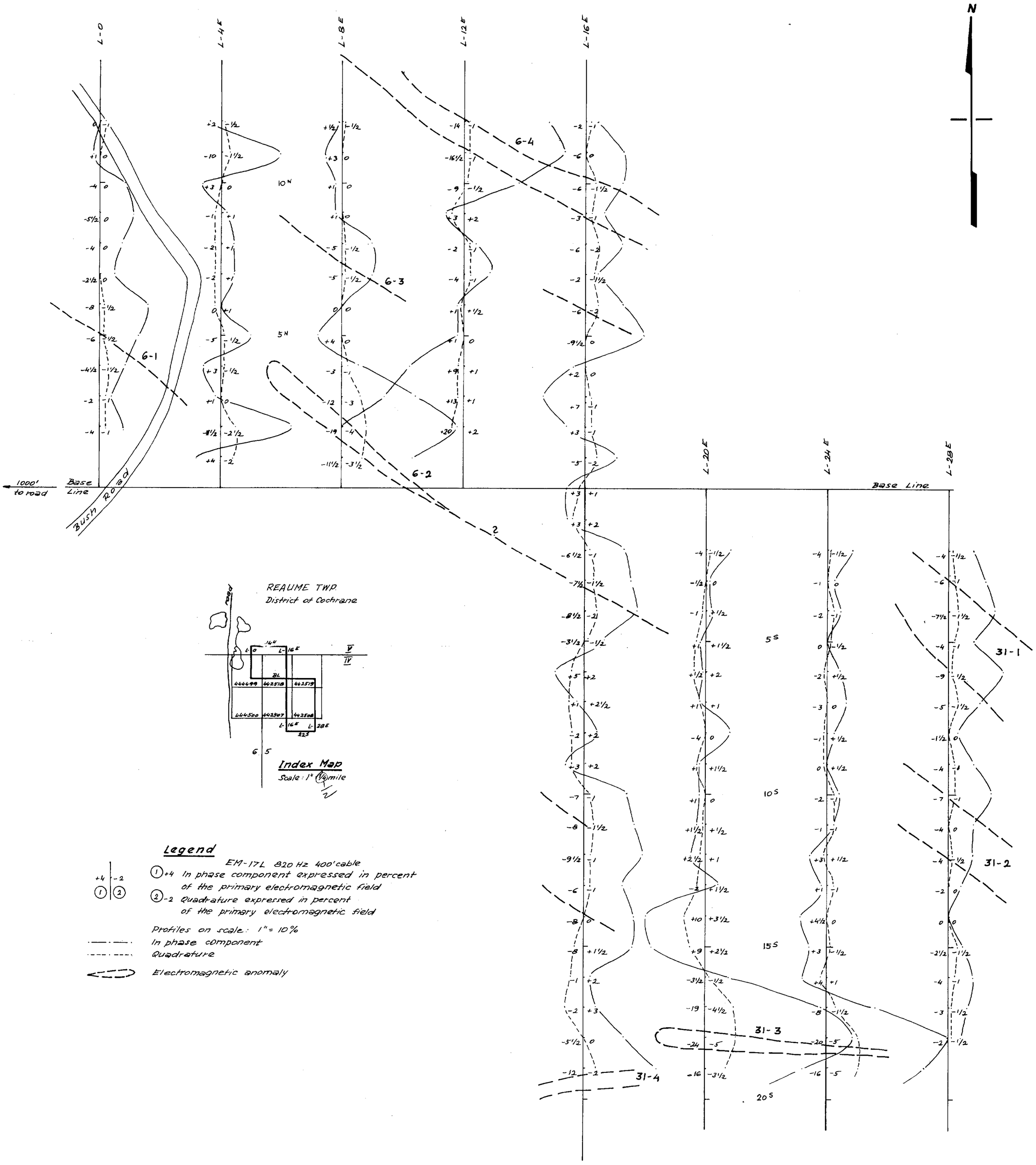
Scale: 1" = 200'

December 1975

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319



Legend

EM-17L 820 Hz 400' cable

(1) +4 In phase component expressed in percent of the primary electromagnetic field

(2) -2 Quadrature expressed in percent of the primary electromagnetic field

Profiles on scale: 1" = 10%

In phase component

Quadrature

Electromagnetic anomaly

True copy
Sam Salamis

6 ; # 31

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

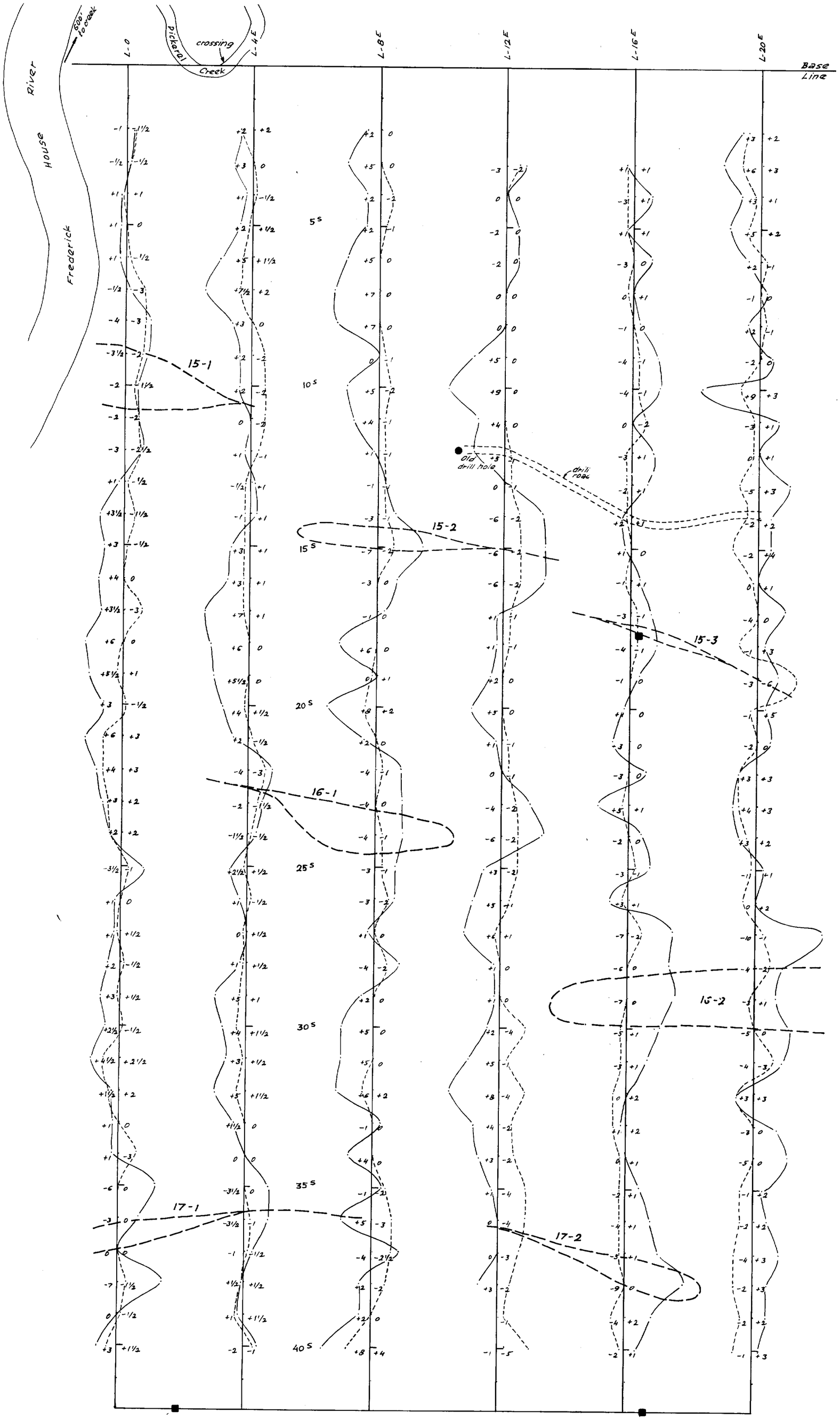
Scale: 1" = 200'

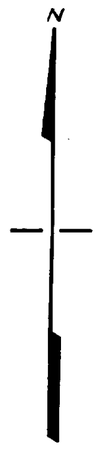
January 1976

C. Salamis
M. Morin

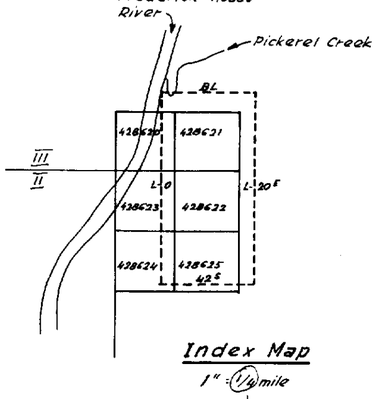
Drawn by: E. Olenocin

2.2319





Hanna Twp., District of Cochrane



Index Map

1" = 1/2 mile

Legend:

EM-17L 820 Hz 400' cable

(1) -3 In phase component expressed in percent of the primary electromagnetic field

(2) +1 Quadrature expressed in percent of the primary electromagnetic field

Profiles on scale:

In phase component

Quadrature

Electromagnetic anomaly

True copy
Sam Salamis

15, 16, 17

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

Scale: 1" = 200'

January 1976

C. Salamis
M. Morin

Drawn by: E. Olenocin

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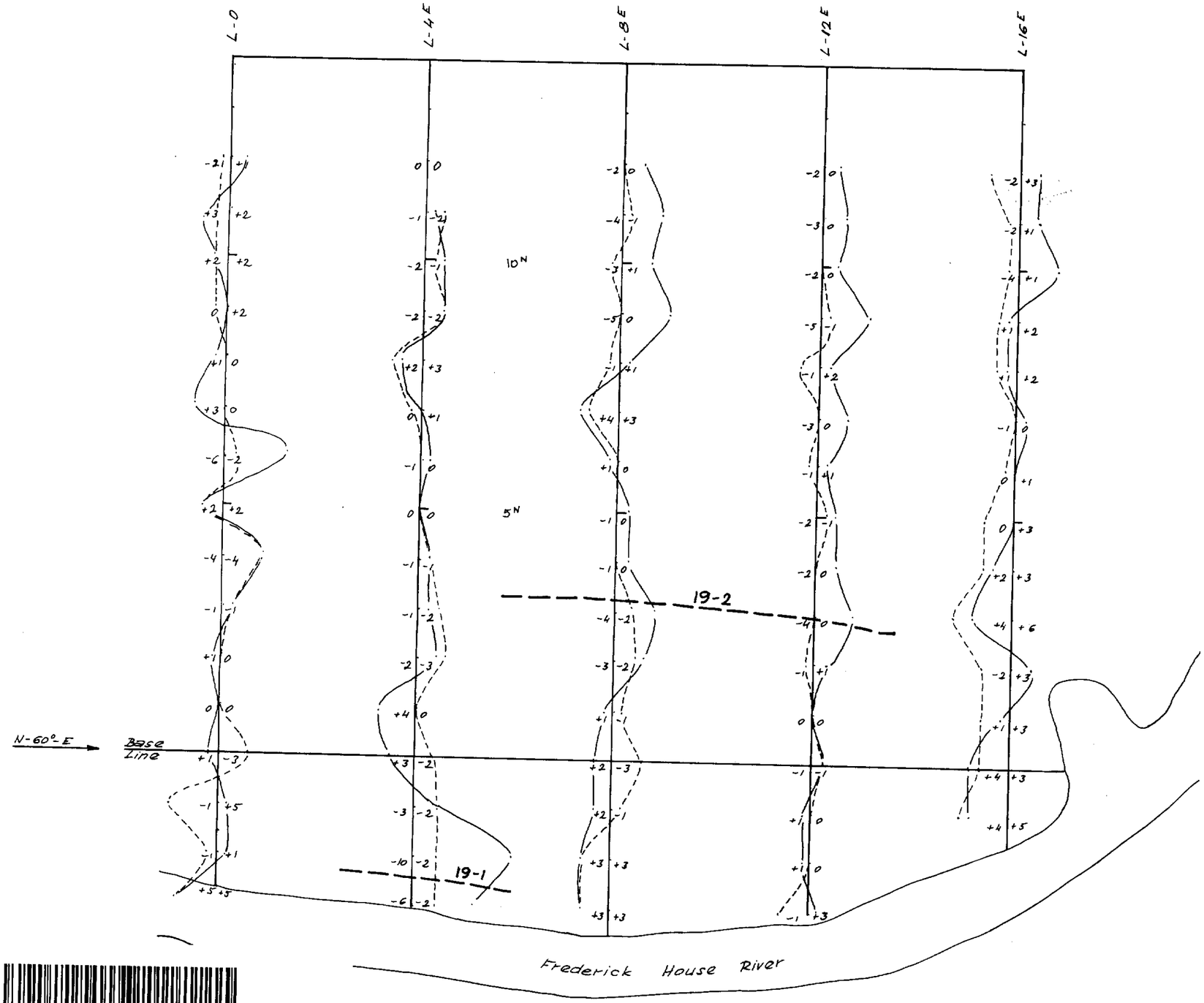
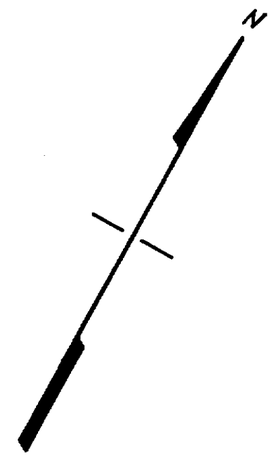
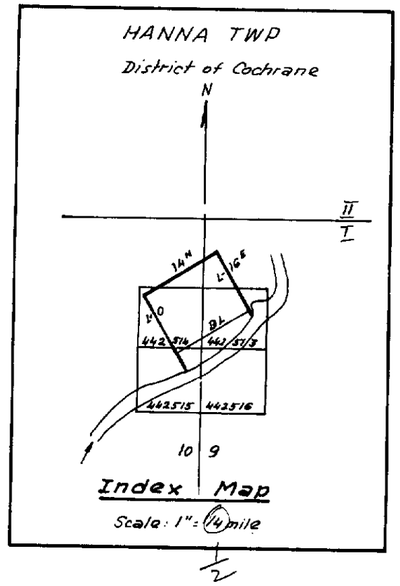






330

Legend

EM-17 L 820 Hz 400' cable

(1) -3 In phase component expressed in percent of the primary electromagnetic field.

(2) +1 Quadrature expressed in percent of the primary electromagnetic field

Profiles on scale: 1" = 10%

In phase component

Quadrature

Electromagnetic anomaly

True copy

#19

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

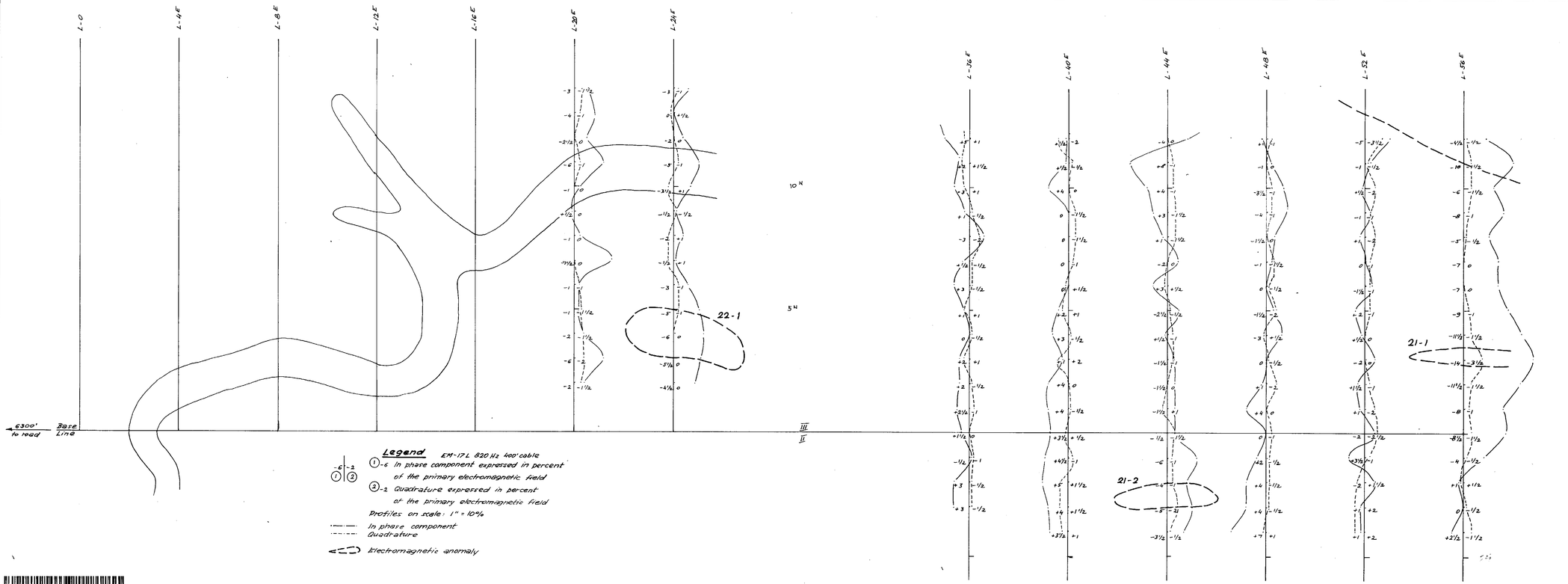
Scale: 1" = 200'

January 1976

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319



Legend EM-17L 820 Hz 400' cable

(1) -6 In phase component expressed in percent of the primary electromagnetic field

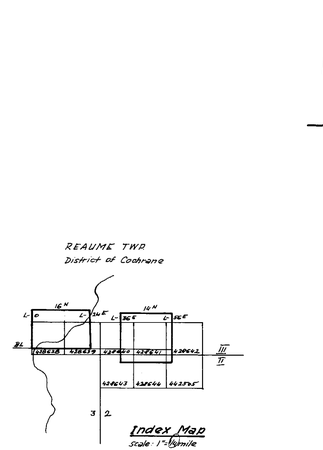
(2) -2 Quadrature expressed in percent of the primary electromagnetic field

Profiles on scale: 1" = 10%

In phase component

Quadrature

Electromagnetic anomaly



#21 ; 22 True copy
Sam Salamis

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna-Reaume Twp.

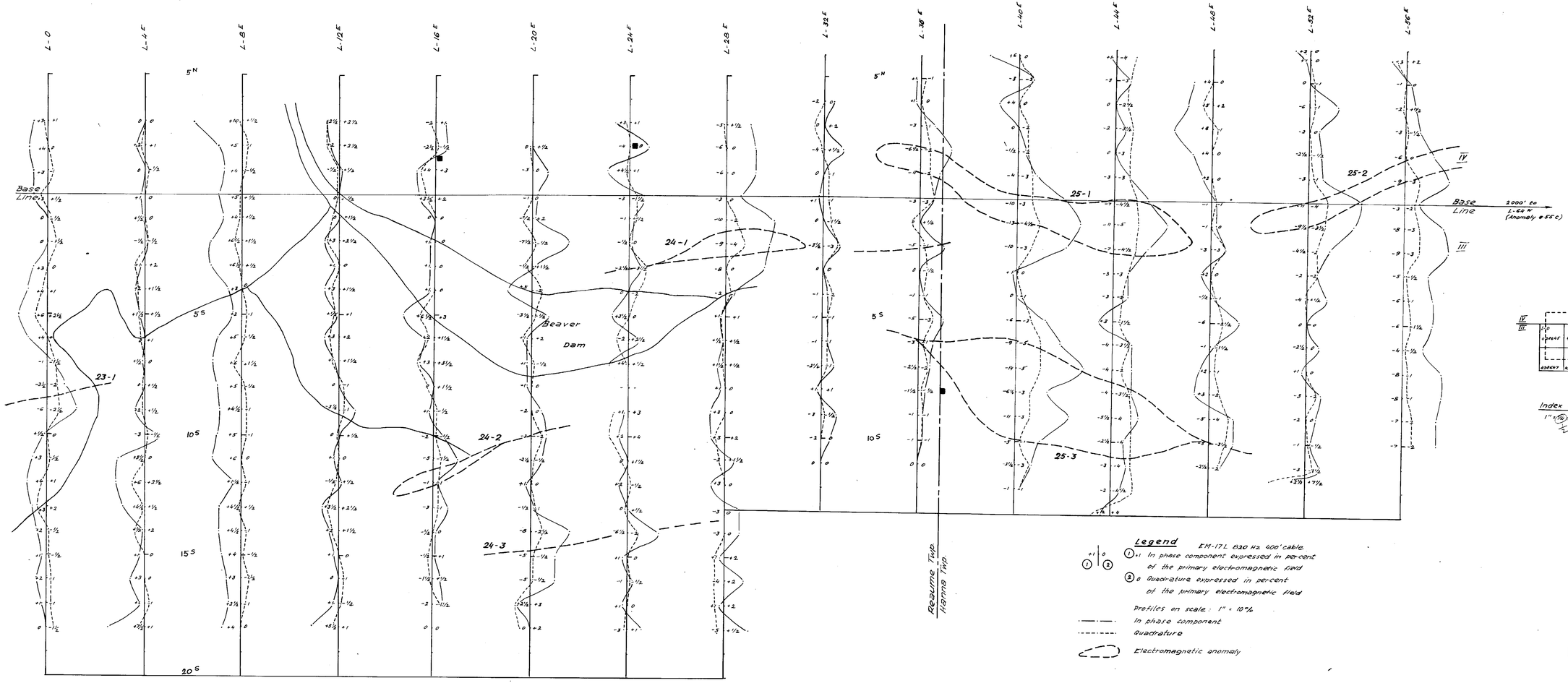
Scale: 1" = 200'

January 1976

C. Salamis
H. Morin

Drawn by: E. Olenocin

2.2319



True copy
#23, 24, 25 Sam Project

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna - Resume Twp.

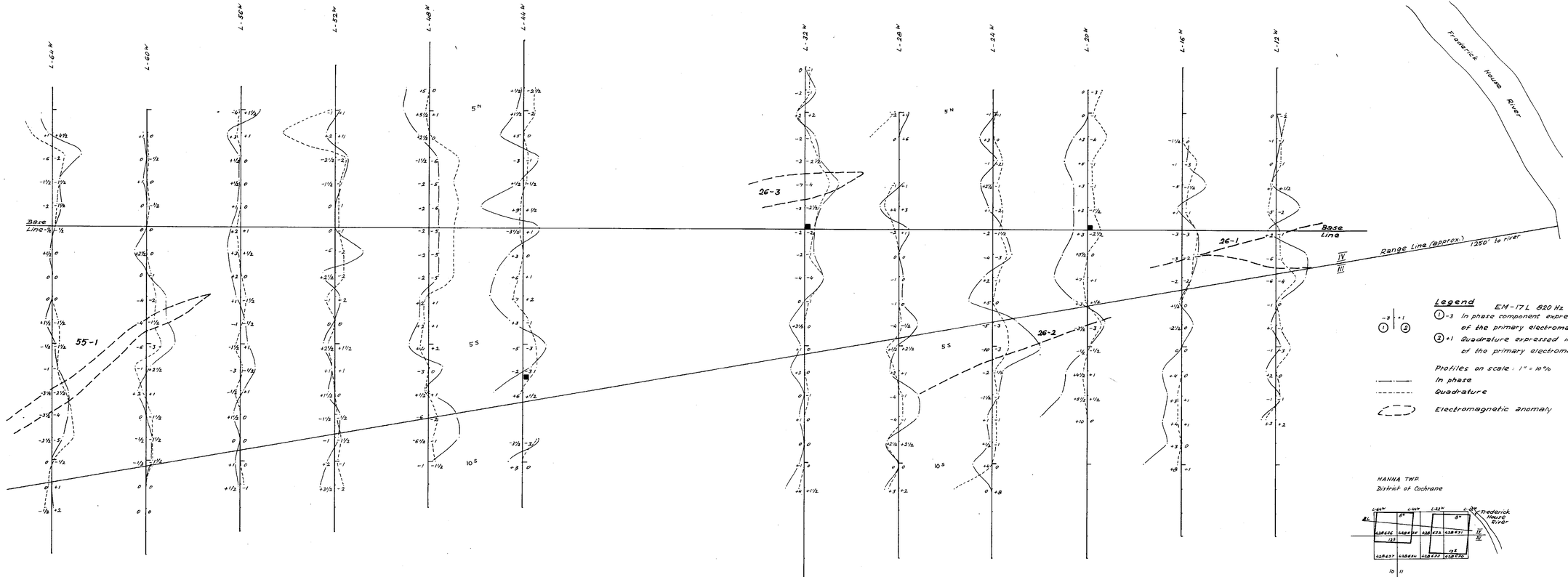
Scale: 1" = 200'

January 1976

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319



Legend EM-17 L 820 Hz 400' cable.

① -3 In phase component expressed in percent of the primary electromagnetic field

② +1 Quadrature expressed in percent of the primary electromagnetic field

Profiles on scale : 1" = 10%

In phase

Quadrature

Electromagnetic anomaly

HANNA TWP.
District of Cochrane

Index Map
Scale : 1" = 1 Mile

#2.6,55 True copy Tom Delamere

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

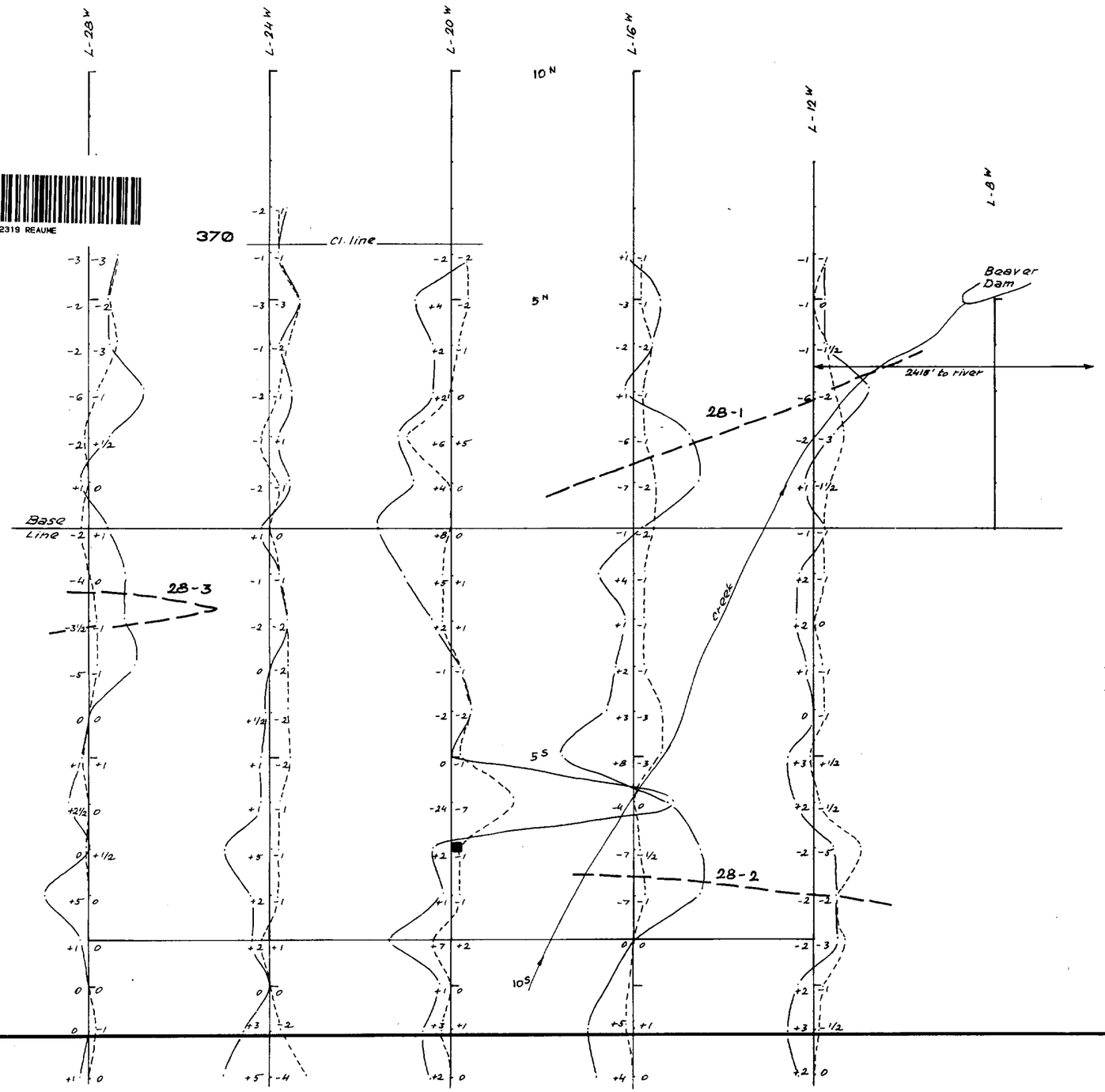
Scale : 1" = 200'

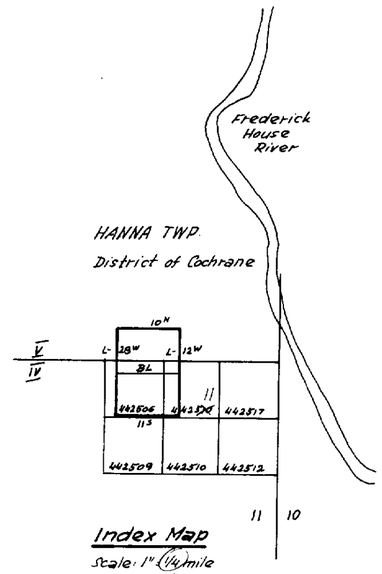
January 1976

C. Salamis
M. Herin

Drawn by: E. Olenewin

2.2319





Index Map
Scale: 1" = 1/4 mile

Legend

EM-17 L 820 Hz 400' cable

+2 | -1
(1) (2)

(1) +2 In phase component expressed in percent of the primary electromagnetic field

(2) -1 Quadrature expressed in percent of the primary electromagnetic field

Profiles on scale: 1" = 10%

In phase

Quadrature

Electromagnetic anomaly

True copy
28 Ben Salamis

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna - Resume Twp.

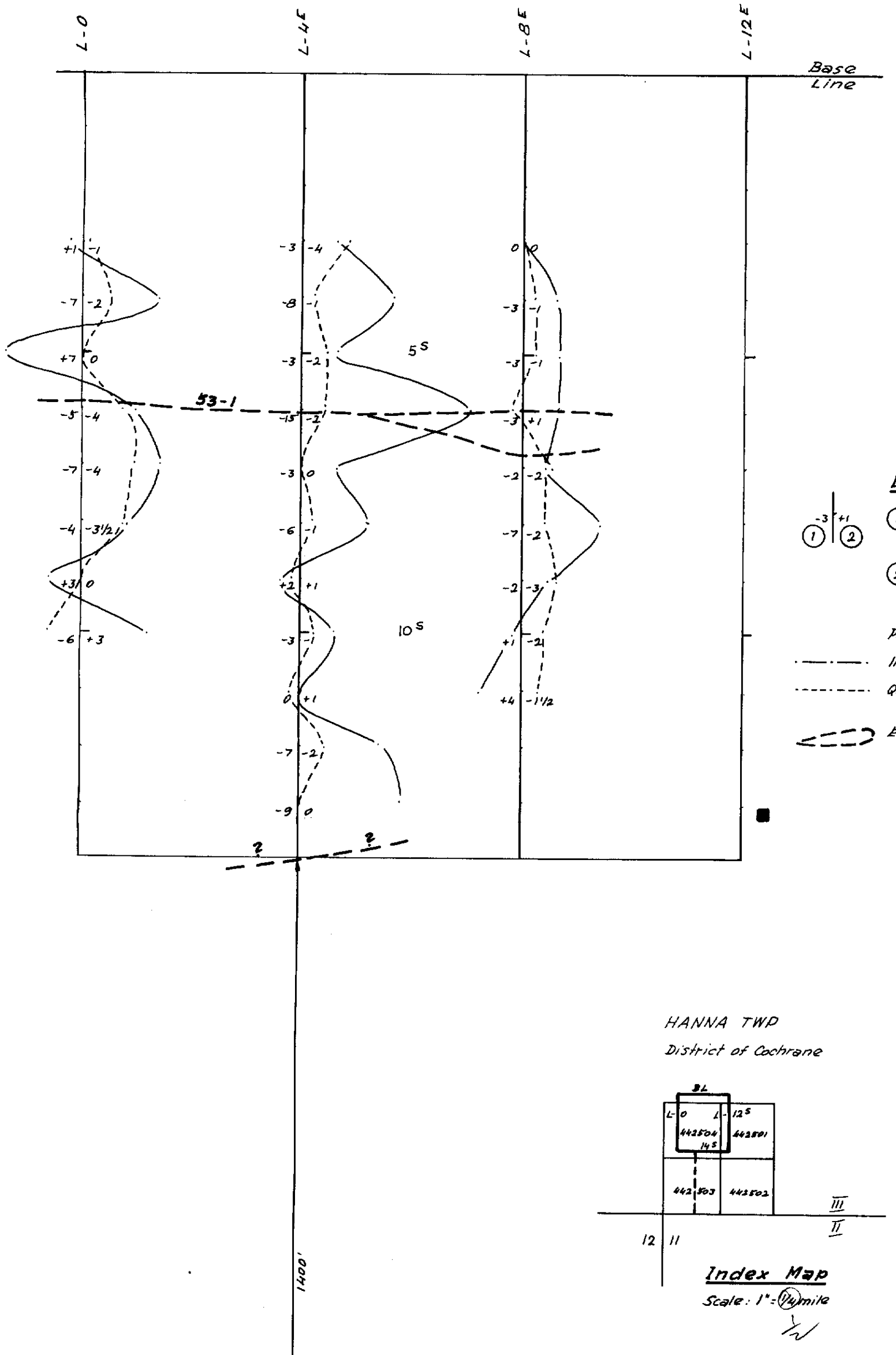
Scale: 1" = 200'

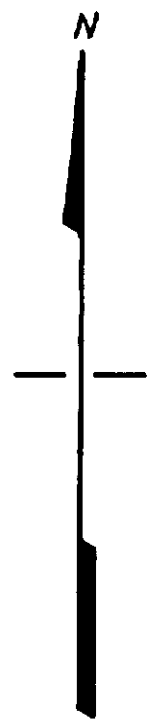
January 1976

C. Salamis
M. Morin

Drawn by: E. Dlenocin

2.2319





Legend:

EM-17L 820 Hz 600' cable

(1) -3 In phase component expressed in percent of the primary electromagnetic field

(2) +1 Quadrature expressed in percent of the primary electromagnetic field

Profiles on scale: 1" = 10%

In phase

Quadrature

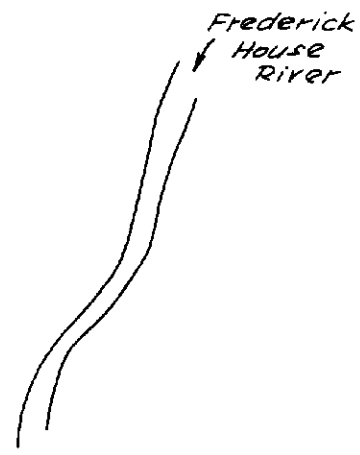
Electromagnetic anomaly

HANNA TWP

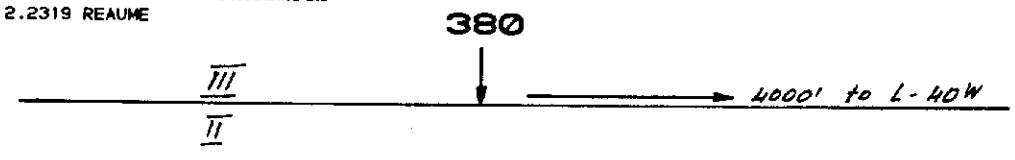
District of Cochrane

Index Map

Scale: 1" = 1/4 mile



42A14NE0025 2.2319 REAUME



True copy

#53

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

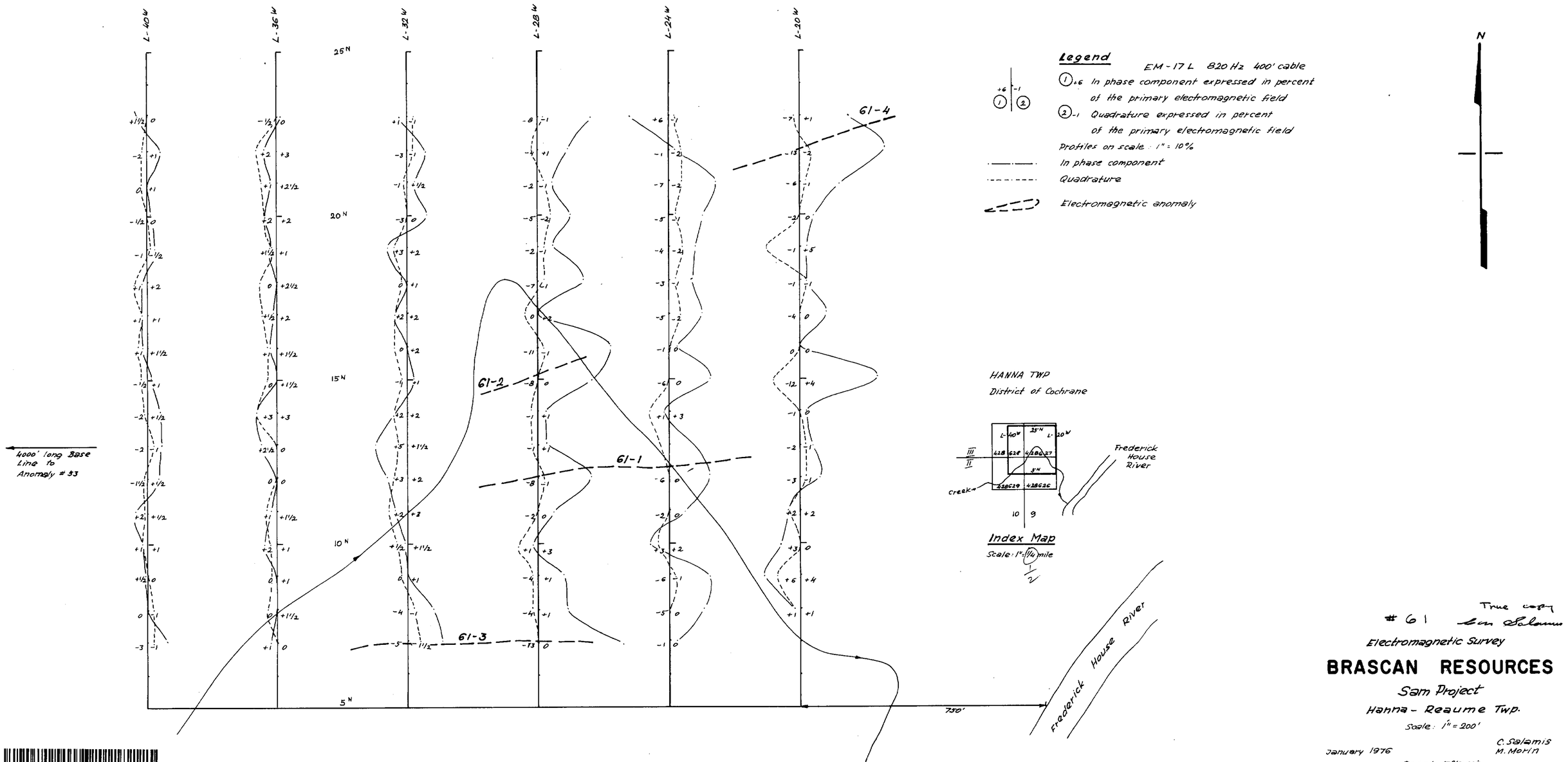
Scale: 1" = 200'

January 1976

C. Salamis
M. Morin

Drawn by: E. Olenocin

2.2319



#61

Electromagnetic Survey

BRASCAN RESOURCES

Sam Project

Hanna - Reaume Twp.

Scale: 1" = 200'

January 1976

C. Salamis
M. Morin

Drawn by: E. Olenocin

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