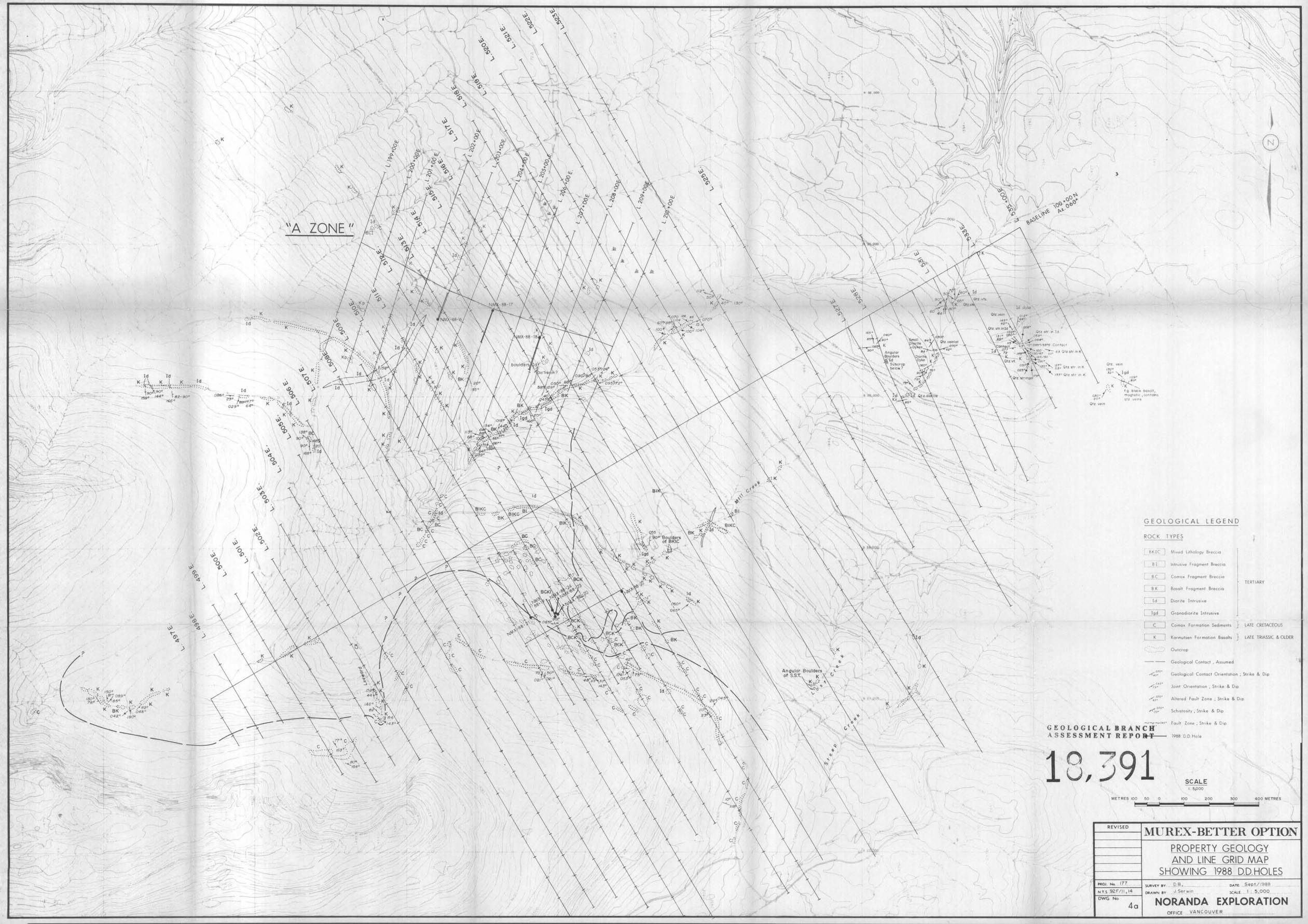
18391
2 of 2

GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL
AND DIAMOND DRILL REPORT ON
THE MUREX CLAIM GROUP

NANAIMO MINING DIVISION
92F/11 & F/14
49° 45' 30" N 125° 15' 00" W
WORK PERFORMED IN 1988

FIGURES


HKR 7
HKR 6
HKR 5
HKR 4
HKR 3
HKR 2
HKR 1
McKAY 1 Fr.
ZONE A
ZONE B
ZONE C
ZONE D
ZONE E
MWC 106
MWC 105
MWC 104
MWC 103
MWC 102
MWC 101
MWC 117
MWC 116
MWC 115
MWC 143
MWC 144
MWC 151
MWC 152
MWC 153
MWC 147
MWC 148
MWC 294
MINK 7
MINK 8
MINK 5
MINK 6
MINK 3
MINK 4
MINK 1
MINK 2
STOAT 1
STOAT 2
MUREX 1 Fr.
MIKE 6
MIKE 7
FOX 1
FOX 2
FOX 3
L.520E
L.523E
L.525E
L.515E
L.510E
L.505E
L.500E
L.497E
L.199+00E
L.200+00E
L.201+00E
L.202+00E
L.203+00E
L.204+00E
L.205+00E
L.206+00E
L.207+00E
L.208+00E
L.209+00E
L.210+00E
BASELINE 100+00 N Az. 060
MILL ROAD
PARKER CREEK
TSOULUM MAIN
SKI HILL ROAD
N
LEGEND
Outer Boundary of Murex Claim Block
Boundaries Between Individual Claims
Hypothetical Boundaries of Claims Pre-Dated by Other Interests Staking
Claim Post ; Location Known
Claim Post ; Location Approximate
Line Grid
GEOLOGICAL BRANCH ASSESSMENT REPORT
18,391
SCALE 1:5,000
METRES 100 50 0 100 200 300 400 METRES
REVISED
MUREX-BETTER OPTION
CLAIMS AND TARGET ZONES
PROJ. No. 177
N.T.S. 92F/11,14
DWG. No 3
SURVEY BY: D.B.
DRAWN BY: J. Serwin
DATE: Sept/1988
SCALE: 1:5,000
NORANDA EXPLORATION
OFFICE VANCOUVER



GEOLOGICAL LEGEND

ROCK TYPES

BKIC	Mixed Lithology Breccia	TERTIARY
BI	Intrusive Fragment Breccia	
BC	Comox Fragment Breccia	
BK	Basalt Fragment Breccia	
Id	Diorite Intrusive	
lgd	Granodiorite Intrusive	
C	Comox Formation Sediments	LATE CRETACEOUS
K	Karmutsen Formation Basalts	LATE TRIASSIC & OLDER

- Outcrop
- Geological Contact, Assumed
- Geological Contact Orientation; Strike & Dip
- Joint Orientation; Strike & Dip
- Altered Fault Zone; Strike & Dip
- Schistosity; Strike & Dip
- Fault Zone; Strike & Dip
- 1988 D.D.Hole

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

SCALE
1:5,000

METRES 100 50 0 100 200 300 400 METRES

REVISED

MUREX-BETTER OPTION

PROPERTY GEOLOGY AND LINE GRID MAP SHOWING 1988 D.D.HOLES

PROJ. No. 177
N.T.S. 92F/11,14
DWG. No 4a

SURVEY BY D.B.
DRAWN BY J.Serwin
DATE Sept/1988
SCALE 1:5,000

NORANDA EXPLORATION
OFFICE VANCOUVER

"A ZONE"

SEE FIG. 5
FOR DETAILED SAMPLING

SEE FIG. 6b
FOR DETAILED SAMPLING

BASELINE 100+00N
Az. 060°

Mill Creek

Steep Creek

Angular Boulders of S.S.T.

Boulders of BKIC

Angular Boulders of Subcrop below ?

Small Diorite Dykes

Diorite Dyke

Qtz. veinlet

Qtz. vns.

Id dyke

Qtz. vein

Qtz. str. in Id

Contact

Qtz. str. in K

Qtz. stringer

Qtz. diorite

Igd

f.g. black basalt, magnetic, contains qtz. veins

18,391

GEOLOGICAL BRANCH
ASSESSMENT REPORT

GEOLOGICAL LEGEND

ROCK TYPES

BKIC	Mixed Lithology Breccia	TERTIARY
BI	Intrusive Fragment Breccia	
BC	Comax Fragment Breccia	
BK	Basalt Fragment Breccia	
Id	Diorite Intrusive	
Igd	Granodiorite Intrusive	
C	Comax Formation Sediments	LATE CRETACEOUS
K	Karmutsen Formation Basalts	LATE TRIASSIC & OLDER

- Outcrop
- Geological Contact, Assumed
- Geological Contact Orientation; Strike & Dip
- Joint Orientation; Strike & Dip
- Altered Fault Zone; Strike & Dip
- Schistosity; Strike & Dip
- Fault Zone; Strike & Dip
- Rock Sample (From Outcrop)
- Rock Sample (Float)

SCALE
1:5,000

METRES 100 50 0 100 200 300 400 METRES

REVISED	MUREX-BETTER OPTION
	PROPERTY RECONNAISSANCE ROCK SAMPLES
PROJ. No. 177	SURVEY BY: D.B. DATE: Sept/1988
N.T.S. 92F/11,14	DRAWN BY: J.Serwin SCALE: 1:5,000
DWG No. 4b	NORANDA EXPLORATION
	OFFICE VANCOUVER

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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REVISED	MUREX-BETTER OPTION
	MUREX CREEK
	DETAILED GEOLOGY
	AND ROCK SAMPLING
PROJ. No. 177	SURVEY BY: T. McIntyre ; D.R. Bull DATE: Sept. / 1988
N.T.S. 92F/14	DRAWN BY: J. Serwin SCALE: 1:500
DWG. No 5	NORANDA EXPLORATION
	OFFICE: VANCOUVER

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

SCALE
1:1,000

METRES 20 10 0 20 40 60 80 METRES

REVISED	MUREX BETTER OPTION
	ZONE "D"
	DETAILED GEOLOGY
PROJ. No. 177	SURVEY BY: ... DATE: JULY 1988
N.T.S. 92F/14	DRAWN BY: J. Serwin SCALE: 1:1,000
DWG. No. 6a	NORANDA EXPLORATION
	OFFICE: VANCOUVER

NCI - 782

● R 28008 Rock Sample Locations
0.098/0.7/0.006 Cu (%) / Ag (g/t) / Au (g/t)
(80) (Au in ppb)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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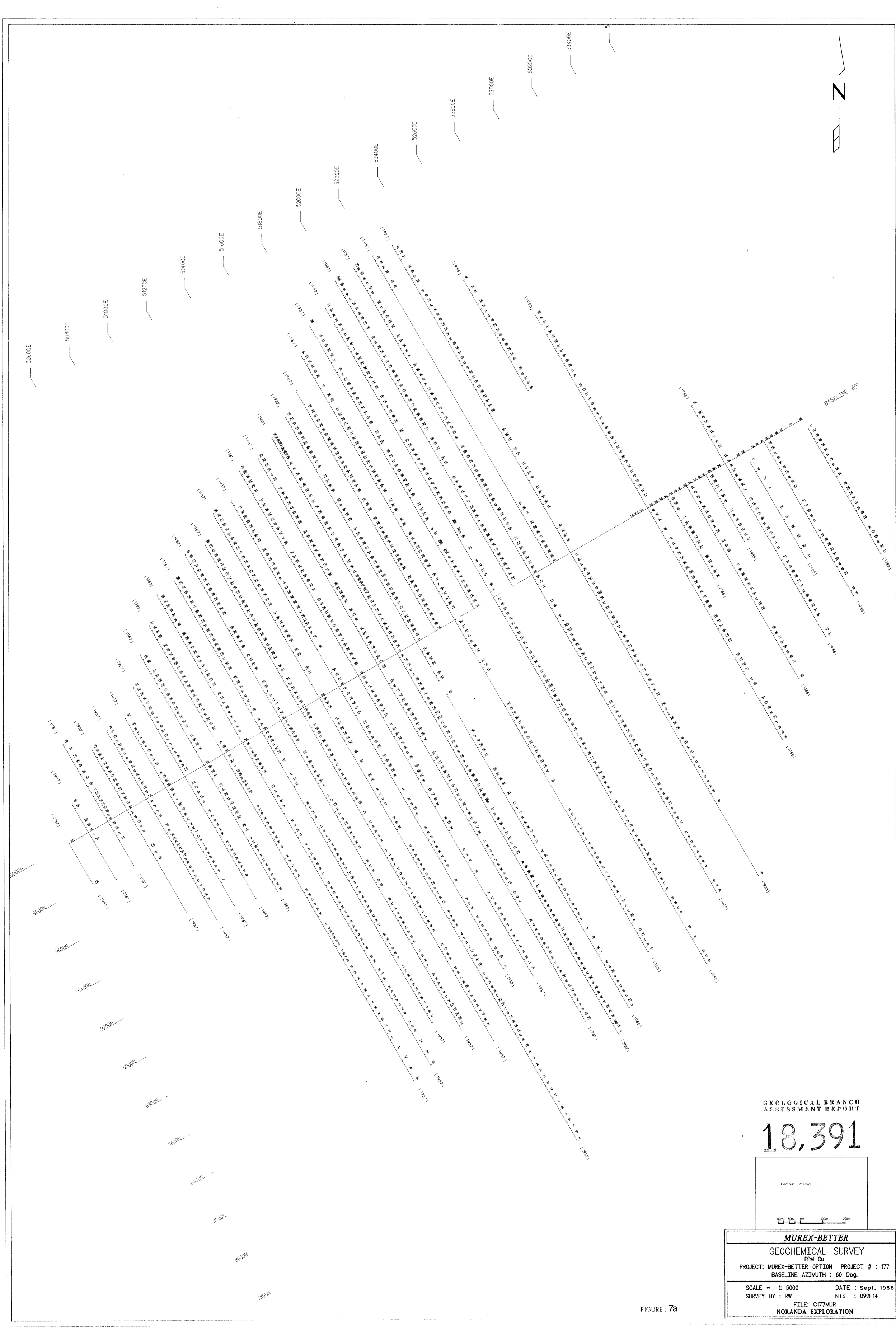
SCALE
1 : 1,000

METRES 20 10 0 20 40 60 80 METRES

REVISED	MUREX BETTER OPTION
	ZONE "D"
	DETAILED ROCK SAMPLING LOCATIONS & RESULTS Cu(%), Ag(g/t), Au(g/t)
PROJ. No. 177	SURVEY BY D.R.Bell, T. McIntyre DATE JULY 1988
N.T.S. 92I/14	DRAWN BY J. Serwin SCALE 1:1,000
DWG. No. 6b	NORANDA EXPLORATION
	OFFICE VANCOUVER



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

Contour Interval :

100m 50m 0m 100m 200m

MUREX-BETTER

GEOCHEMICAL SURVEY
PPM Cu
PROJECT: MUREX-BETTER OPTION PROJECT # : 177
BASELINE AZIMUTH : 60 Deg.

SCALE = 1: 5000 DATE : Sept. 1988
SURVEY BY : RW NTS : 092F14
FILE: C177MUR
NORANDA EXPLORATION

FIGURE : 7a

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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MUREX-BETTER

GEOCHEMICAL SURVEY

PPM Ag

PROJECT: MUREX-BETTER OPTION PROJECT # : 177

BASELINE AZIMUTH : 60 Deg.

SCALE = 1: 5000 DATE : Sept. 1988

SURVEY BY : RW NTS : 092F14

FILE: C177MUR

NORANDA EXPLORATION

FIGURE : 7b

50600E
50800E
51000E
51200E
51400E
51600E
51800E
52000E
52200E
52400E
52600E
52800E
53000E
53200E
53400E
BASELINE 60°
10000N
9800N
9600N
9400N
9200N
9000N
8800N
8600N
8400N
8200N
8000N
7800N
(1987)
(1988)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Contour Interval :

100m 50m 0m 100m 200m

MUREX-BETTER

GEOCHEMICAL SURVEY
PPB Au
PROJECT: MUREX-BETTER OPTION PROJECT # : 177
BASELINE AZIMUTH : 60 Deg.

SCALE = 1: 5000 DATE : Sept. 1988
SURVEY BY : RW NTS : 092F14
FILE: C177MUR
NORANDA EXPLORATION

FIGURE: **7c**

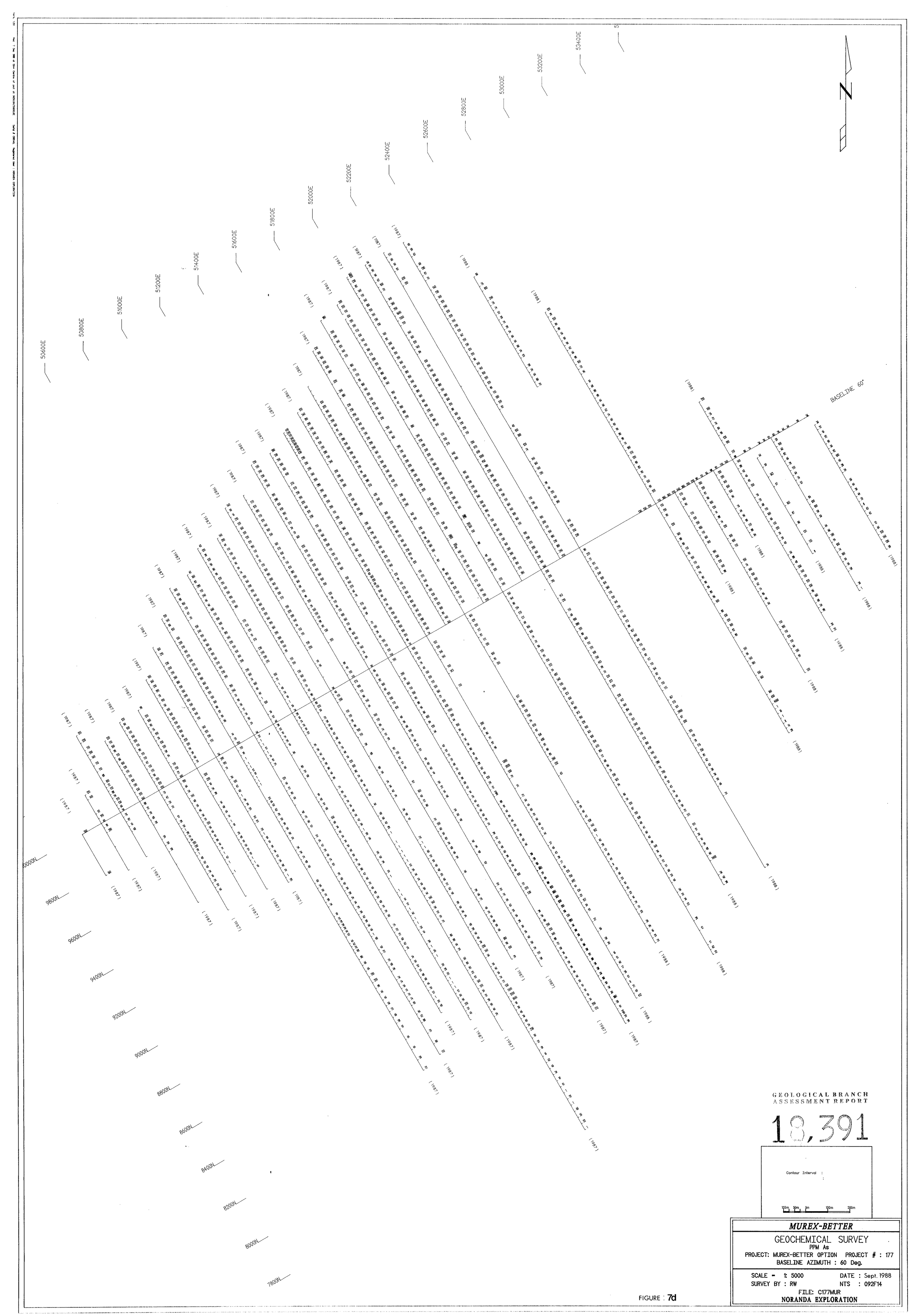
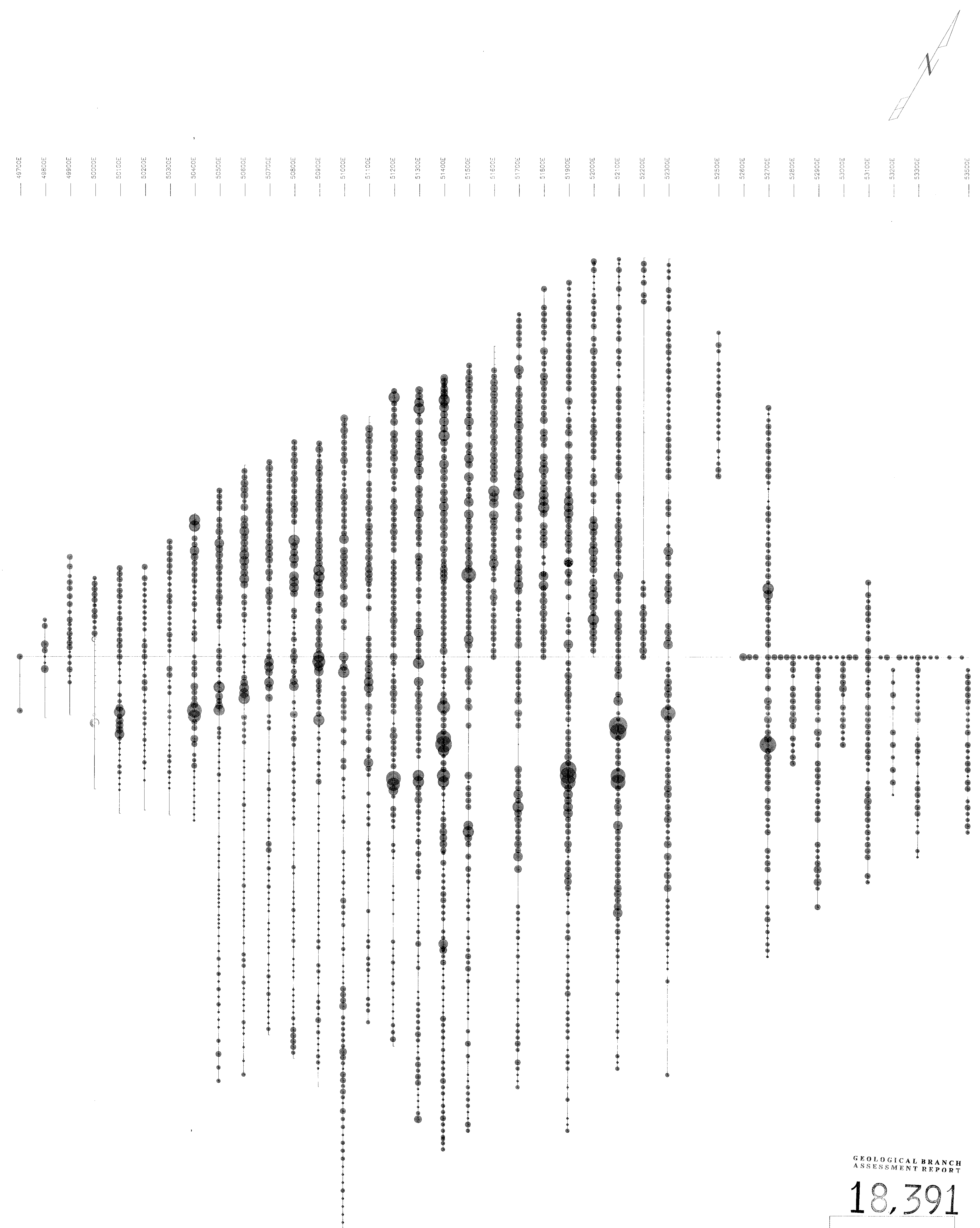

50600E
50800E
51000E
51200E
51400E
51600E
51800E
52000E
52200E
52400E
52600E
52800E
53000E
53200E
53400E
BASELINE 60°
9000N
8800N
8600N
8400N
8200N
8000N
7800N
9800N
9600N
9400N
9200N
N
GEOLOGICAL BRANCH
ASSESSMENT REPORT
18,391
Contour Interval :
100m 50m 0m 100m 200m
MUREX-BETTER
GEOCHEMICAL SURVEY
PPM As
PROJECT: MUREX-BETTER OPTION PROJECT # : 177
BASELINE AZIMUTH : 60 Deg.
SCALE - 1: 5000 DATE : Sept. 1988
SURVEY BY : RW NTS : 092F14
FILE: C177MUR
NORANDA EXPLORATION

FIGURE : 7d



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Contour Interval :

:

100m 50m 0m 100m 200m

>0 <61	>=61 <121	>=121 <241	>=241 <361	>=361 <481	>=481 <721	>=721 <961	>=961 <1441	>=1441 <2401	>=2401

PPM Cu

MUREX–BETTER

GEOCHEMICAL SURVEY

PPM Cu

PROJECT: MUREX–BETTER OPTION PROJECT # : 177

BASELINE AZIMUTH : 60 Deg.

SCALE = 1: 5000 DATE : 11/20/87

SURVEY BY : RW NTS : 092F14

FILE: C177MUR

NORANDA EXPLORATION

FIGURE: 8a

50600E
50800E
51000E
51200E
51400E
51600E
51800E
52000E
52200E
52400E
52600E
52800E
53000E
53200E
53400E

BASELINE 60°

10000N
9800N
9600N
9400N
9200N
9000N
8800N
8600N
8400N
8200N
8000N
7800N

N

Contour Interval :
:

100m 50m 0m 100m 200m

>0 <0.50	>=0.50 <1.0	>=1.0 <2.0	>=2.0 <4.0	>=4.0 <8.0	>=8.0

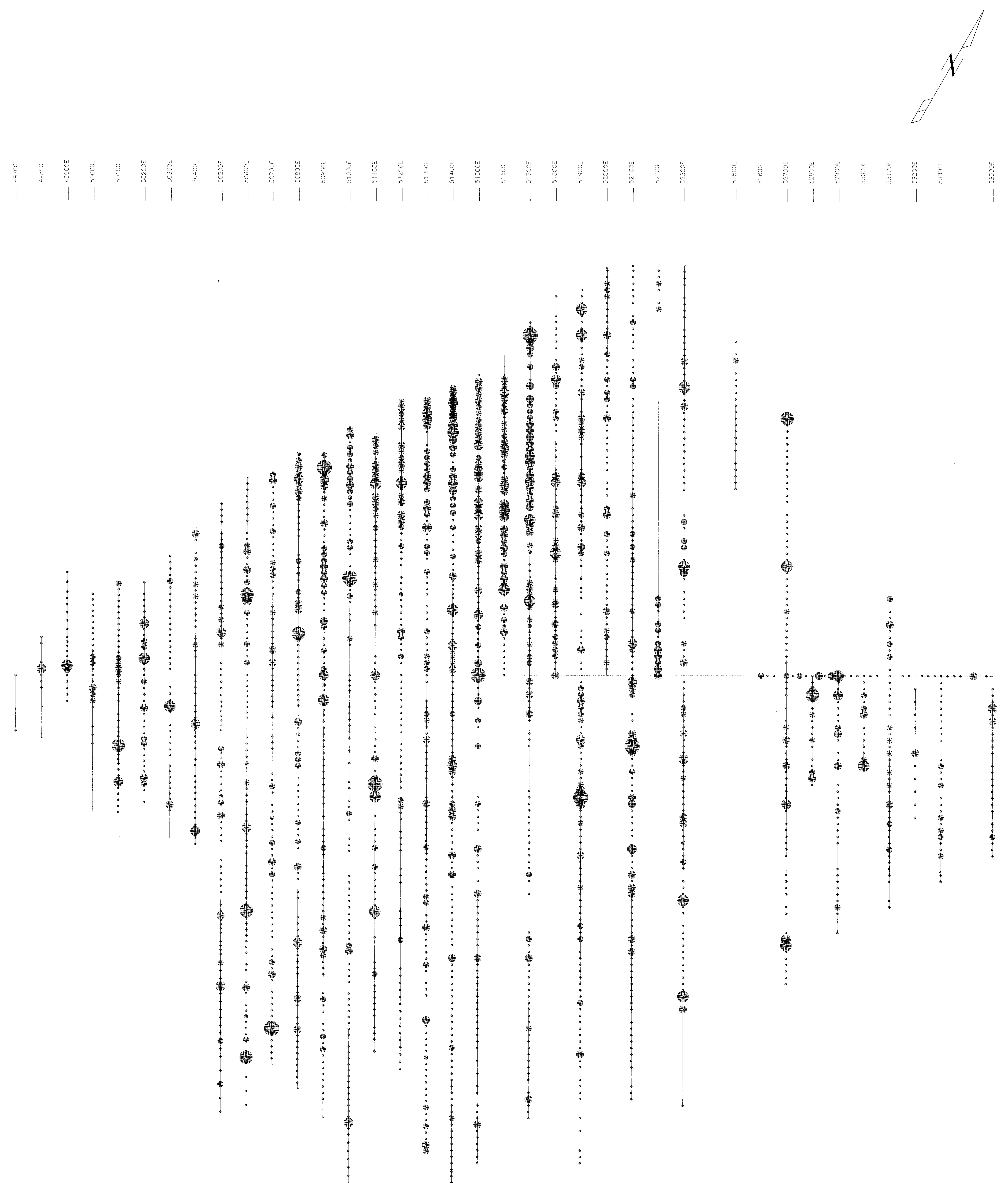
PPM Ag

MUREX-BETTER

GEOCHEMICAL SURVEY
PPM Ag
PROJECT: MUREX-BETTER OPTION PROJECT # : 177
BASELINE AZIMUTH : 60 Deg.

SCALE = 1: 5000 DATE : Sept. 1988
SURVEY BY : RW NTS : 092F14
FILE: C177MUR
NORANDA EXPLORATION

FIGURE : **8b**



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

Contour Interval :
:

100m 50m 0m 100m 200m

>0 <29	>=29 <30	>=30 <50	>=50 <100	>=100 <200	>=200 <400	>=400 <800	>=800

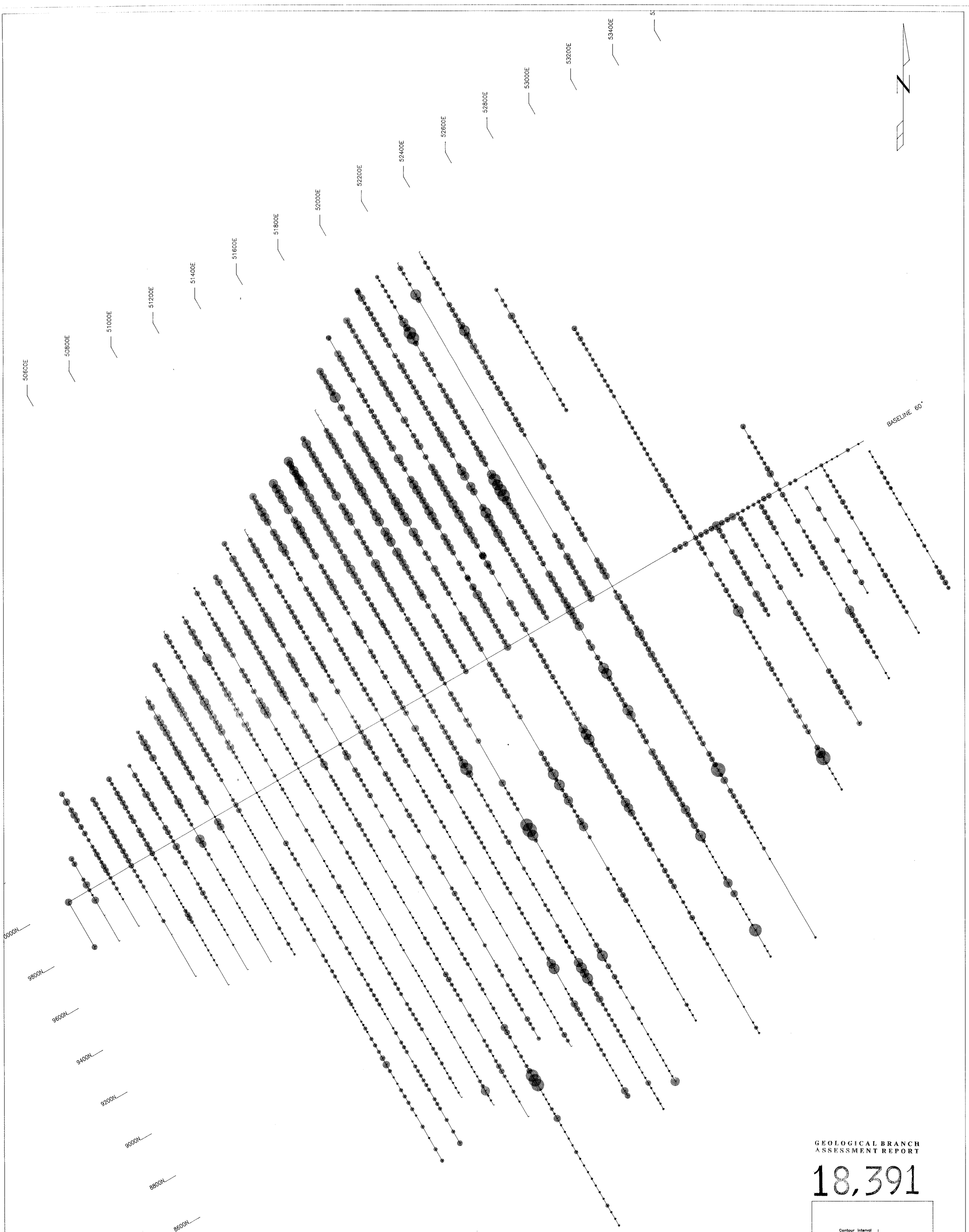
PPB Au

MUREX–BETTER

GEOCHEMICAL SURVEY
PPB Au
PROJECT: MUREX–BETTER OPTION PROJECT # : 177
BASELINE AZIMUTH : 60 Deg.

SCALE = 1: 5000 DATE : 11/20/87
SURVEY BY : RW NTS : 092F14
FILE: C177MUR
NORANDA EXPLORATION

FIGURE: 8c



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Contour Interval :
:

100m 50m 0m 100m 200m

>0 <51	>=51 <101	>=101 <181	>=181 <301	>=301 <501	>=501 <901	>=901 <1701	>=1701

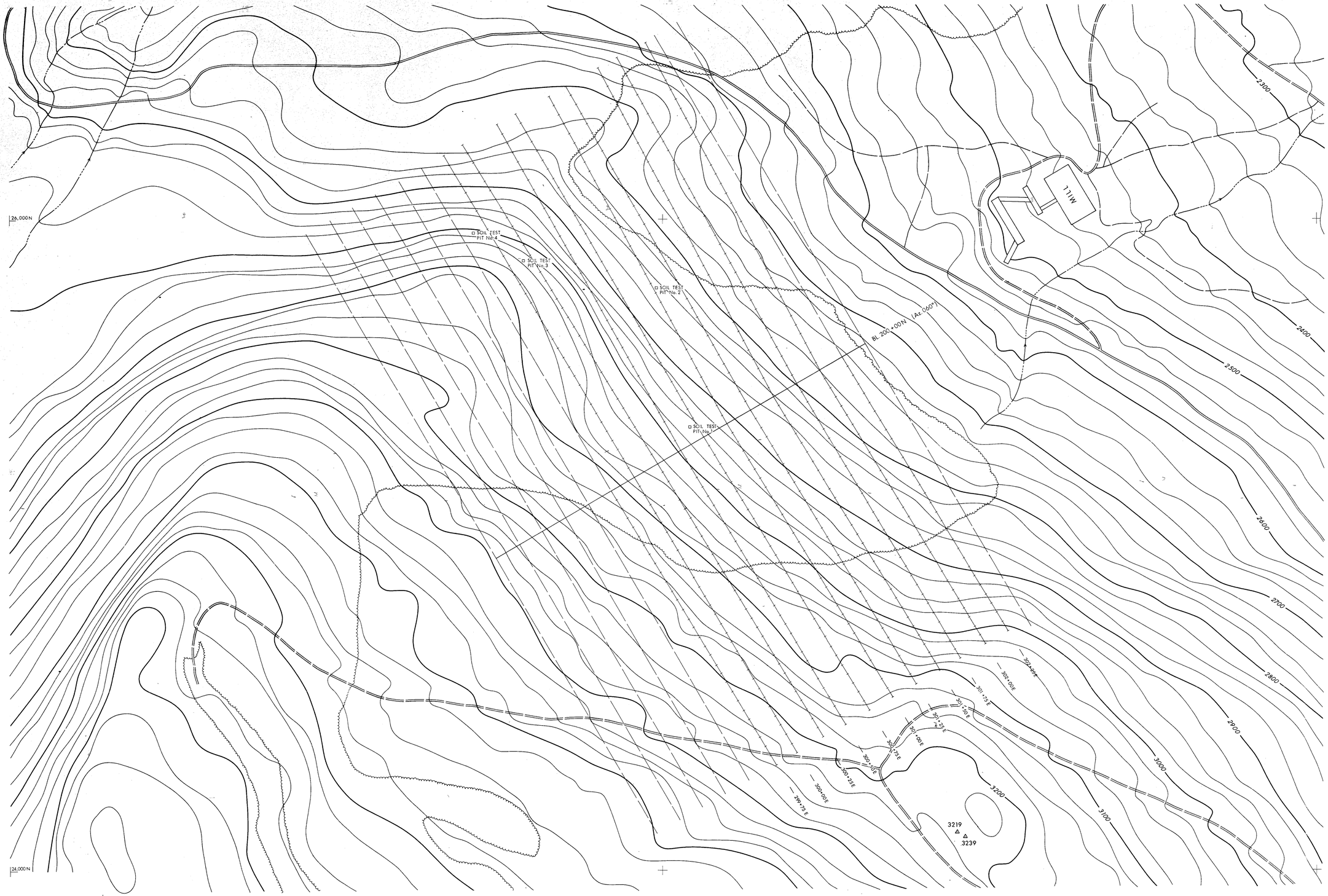
PPM As

MUREX-BETTER

GEOCHEMICAL SURVEY
PPM As
PROJECT: MUREX-BETTER OPTION PROJECT # : 177
BASELINE AZIMUTH : 60 Deg.

SCALE = 1: 5000 DATE : Sept. 1988
SURVEY BY : RW NTS : 092F14
FILE: C177MUR
NORANDA EXPLORATION

FIGURE: **8d**



New Grid Installed October' 1988

Proposed Extension to New Grid

SOIL TEST PIT No. 1 – For Results, See Table II and Appendix IV

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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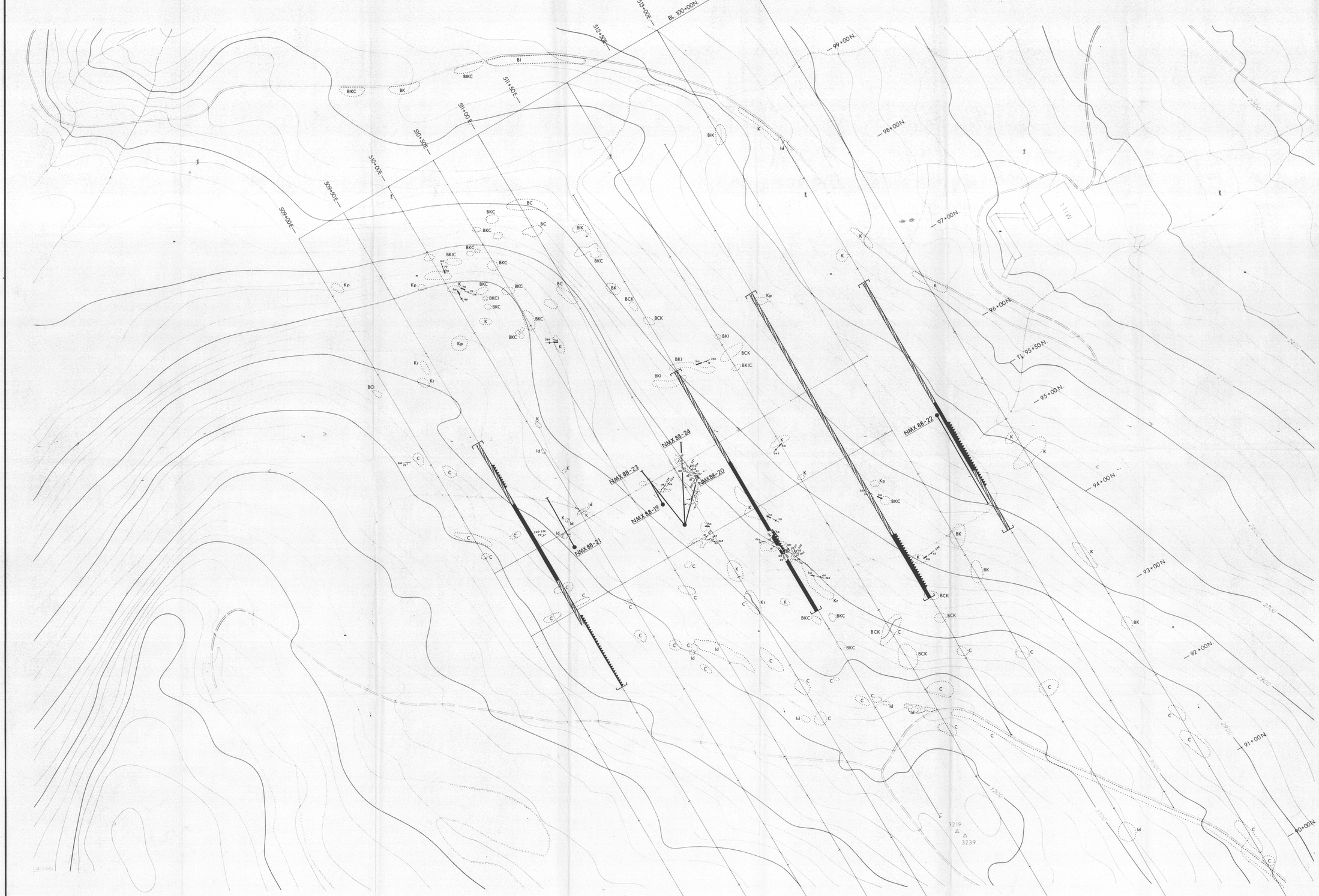
SCALE
1:1,000

METRES 20 10 0 20 40 60 80 METRES

REVISED	MUREX BETTER OPTION
	ZONE "D"
	NEW GRID & SOIL TEST PITS
	1 to 4 LOCATIONS
PROJ. No. 377	SURVEY BY: D.R.B. DATE: JULY 1988
N.T.S. 92F/14	DRAWN BY: J.Sarmin SCALE: 1:1,000
DWG. No. 9	NORANDA EXPLORATION
	OFFICE: VANCOUVER



LEGEND

BRECCIAS

- BK — Karmutsen Formation Breccia
- BC — Comox Fragment Breccia
- BI — Intrusive Fragment Breccia
- BKCI — Mixed Fragment Breccia
- I — Diorite Intrusives (Upper Cretaceous / Tertiary)
- C — Comox Formation Sediments (Upper Cretaceous)
- K — Karmutsen Formation Basalts (Triassic)
- Quartz Carbonate Veins
- ha — Hydrothermal Alteration
- Joints
- Fault Zone
- I.P. Conductor: Strong; Moderate (P.F.E.'s)
- Low Resistivity
- I.P. Survey Limits
- Diamond Drill Hole Location & Surface Trace

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

SCALE
1:1,000

METRES 20 10 0 20 40 60 80 METRES

REVISED	MUREX BETTER OPTION
	ZONE "D"
	COMPILATION
	GEOLOGY, INDUCED POLARIZATION
	SURVEYS, AND D.D.HOLES
PROJ. No 177	SURVEY BY D.R.Bull — DATE Feb. 1989
N.T.S. 92F/14	DRAWN BY J.Serwin — SCALE 1:1,000
DWG No 10	NORANDA EXPLORATION
	OFFICE VANCOUVER

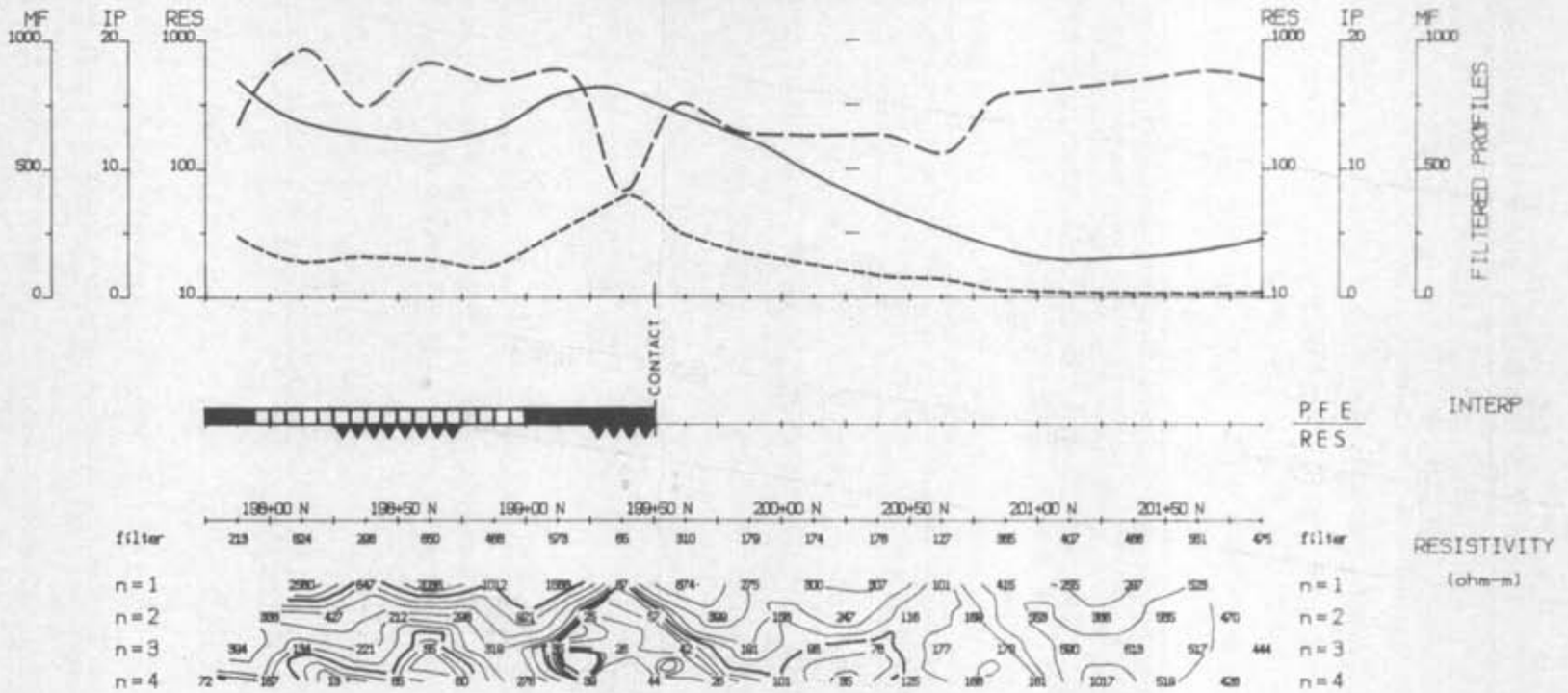
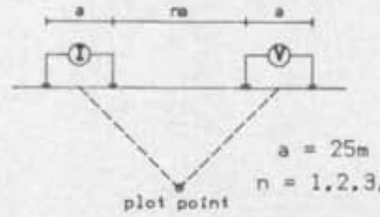


FIGURE 11b

Line 20500 E

Dipole-Dipole Array



Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

MUREX PROJECT

INDUCED POLARIZATION SURVEY

Line 20500 E
S.B.C.

Date: Sept. / 1988 N.T.S. 92F/14
Interpretation by: L. Bradish
Scale: 1 : 2500

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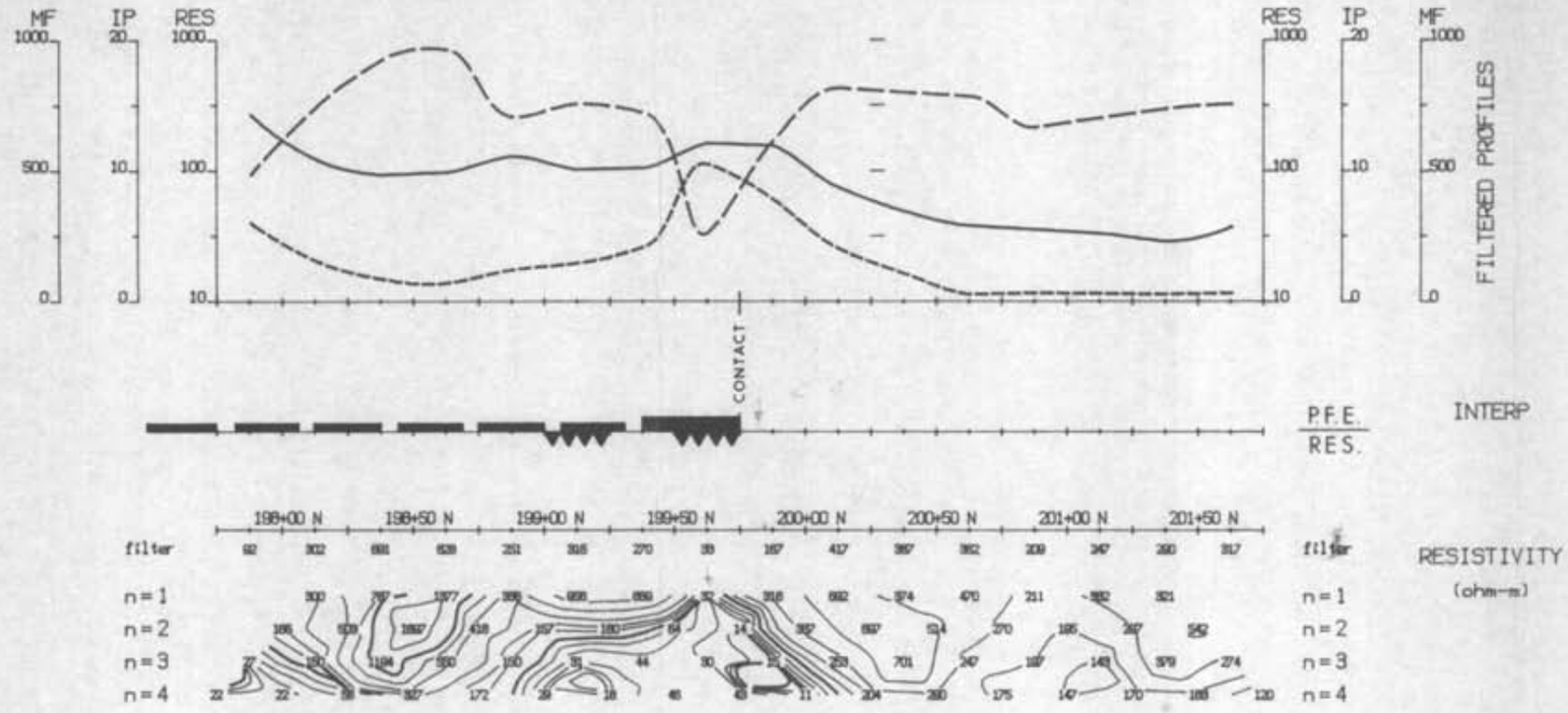
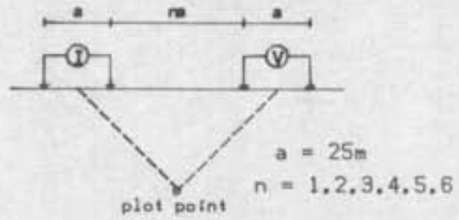


Line 20300 E

Dipole-Dipole Array



a = 25m
n = 1,2,3,4,5,6

Filtered Profiles

		filter
Resistivity	— — — —	*
Polarization	————	* *
Metal Factor	----------	* * *
		* * * *

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

MUREX PROJECT

INDUCED POLARIZATION SURVEY

Line 20300 E
S.B.C.

Date: Sept / 1988 N.T.S. 92 F / 14
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a

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FIGURE 11a

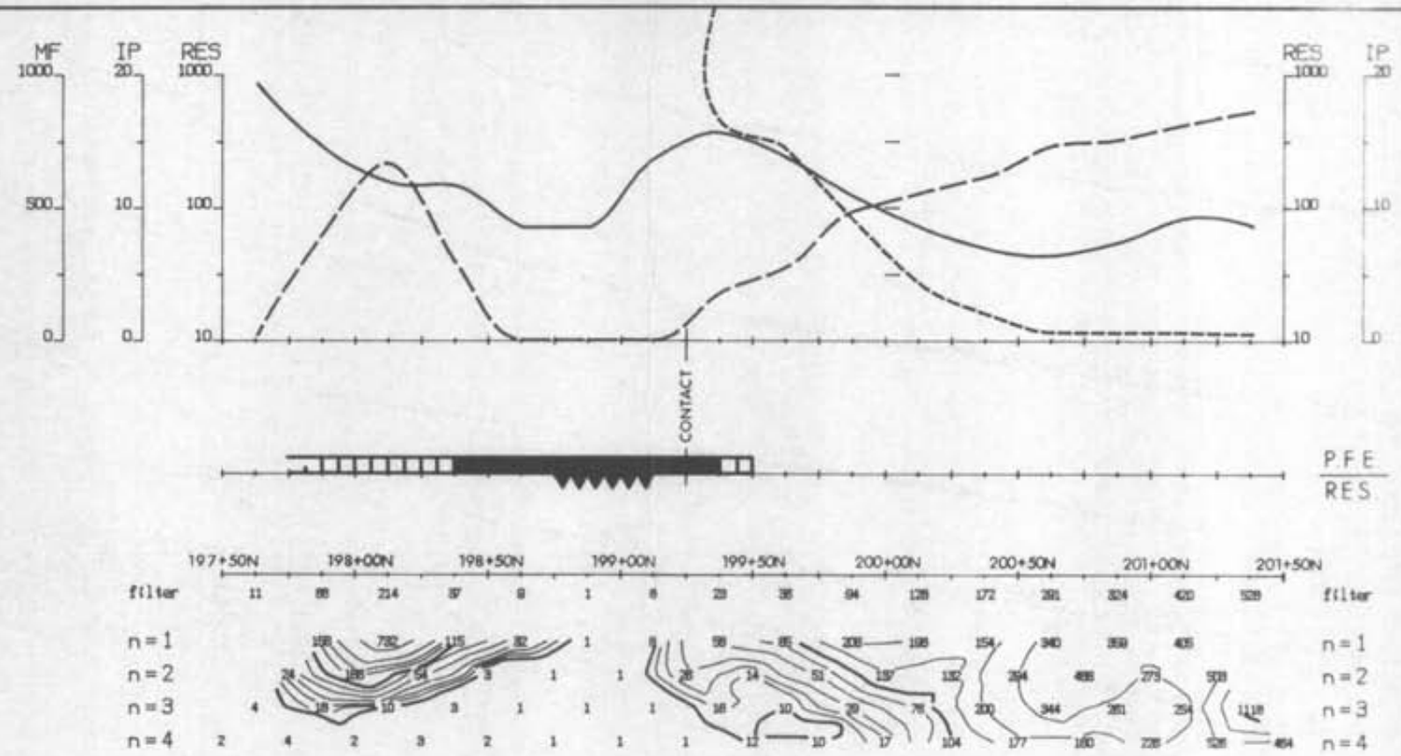
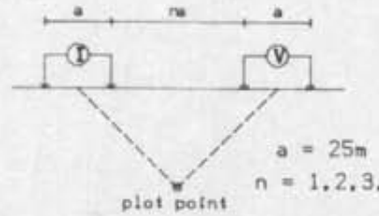


FIGURE 11c

Line 20700 E

Dipole-Dipole Array



a = 25m
n = 1,2,3,4,5,6

Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *
	* * * *

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

MUREX PROJECT

INDUCED POLARIZATION SURVEY

Line 20700 E
S.B.C.

Date: Sept./1988 N.T.S. 92F/14
Interpretation by: L. Bradish
Scale: 1 : 2500

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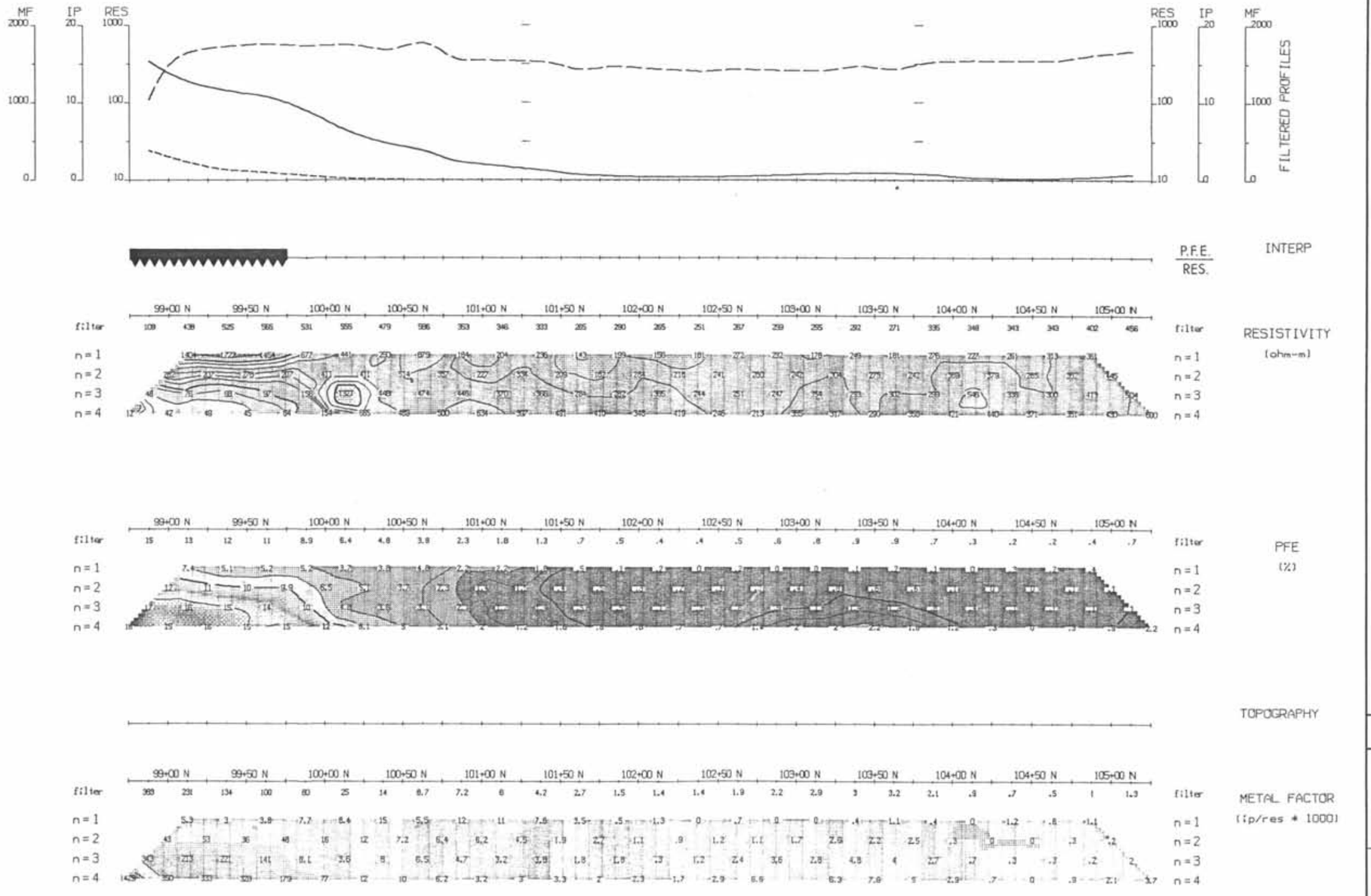
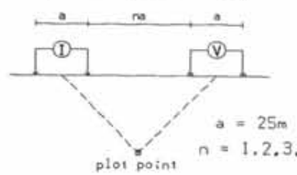


Line 50600 E

Dipole-Dipole Array



a = 25m
n = 1,2,3,4,5,6

Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *

Logarithmic Contours 5, 7.5, 10,...

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

MUREX PROJECT

INDUCED POLARIZATION SURVEY

Line 50600 E
S.B.C.

Date: 88/12/19 N.T.S 105F,K
Interpretation by: L. Bradish
Scale: 1 : 2500

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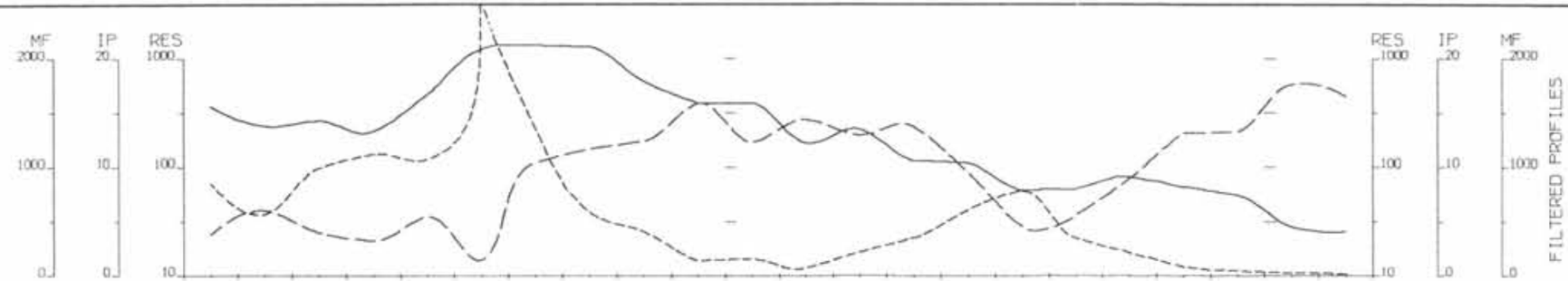
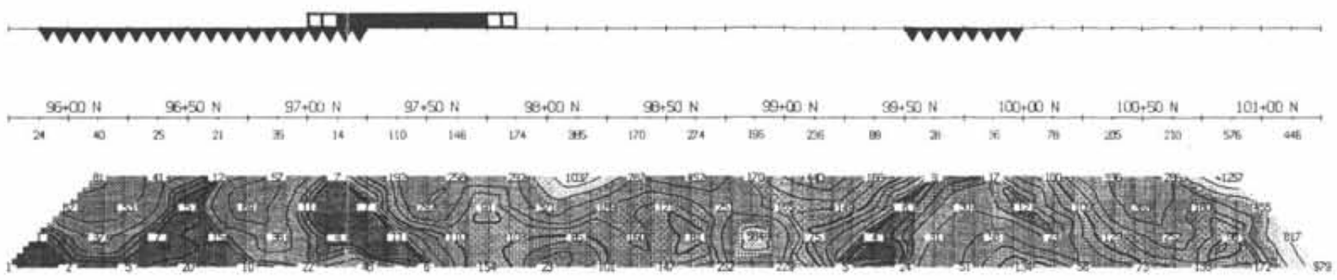
18,391

FIGURE 12

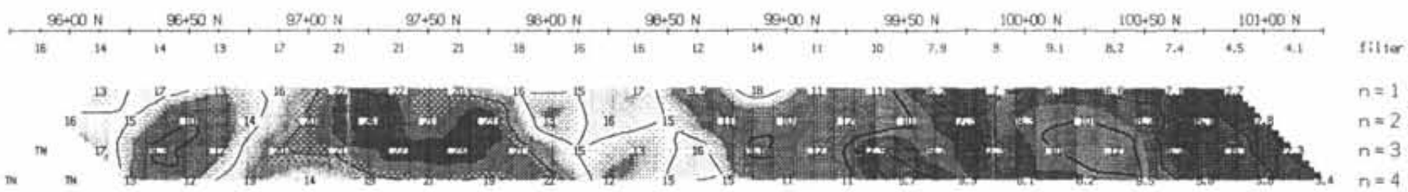




P.F.E.
RES.

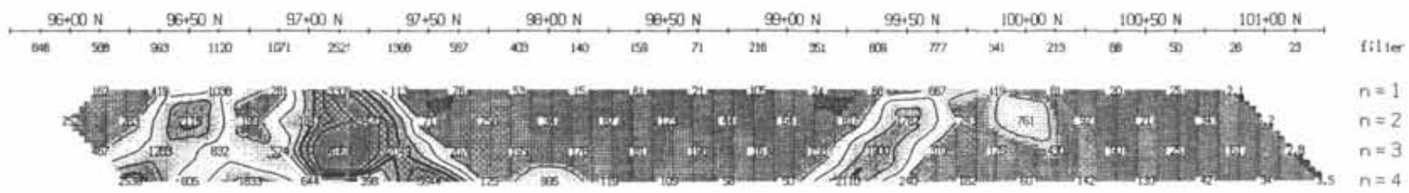
INTERP

RESISTIVITY
(ohm-m)



PFE
(%)

TOPOGRAPHY



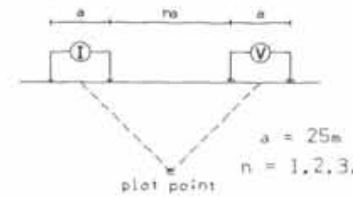
METAL FACTOR
(ip/res * 1000)

FIGURE 13

18,391

Line 50900 E

Dipole-Dipole Array



Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *

Logarithmic Contours 5, 7.5, 10,...

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

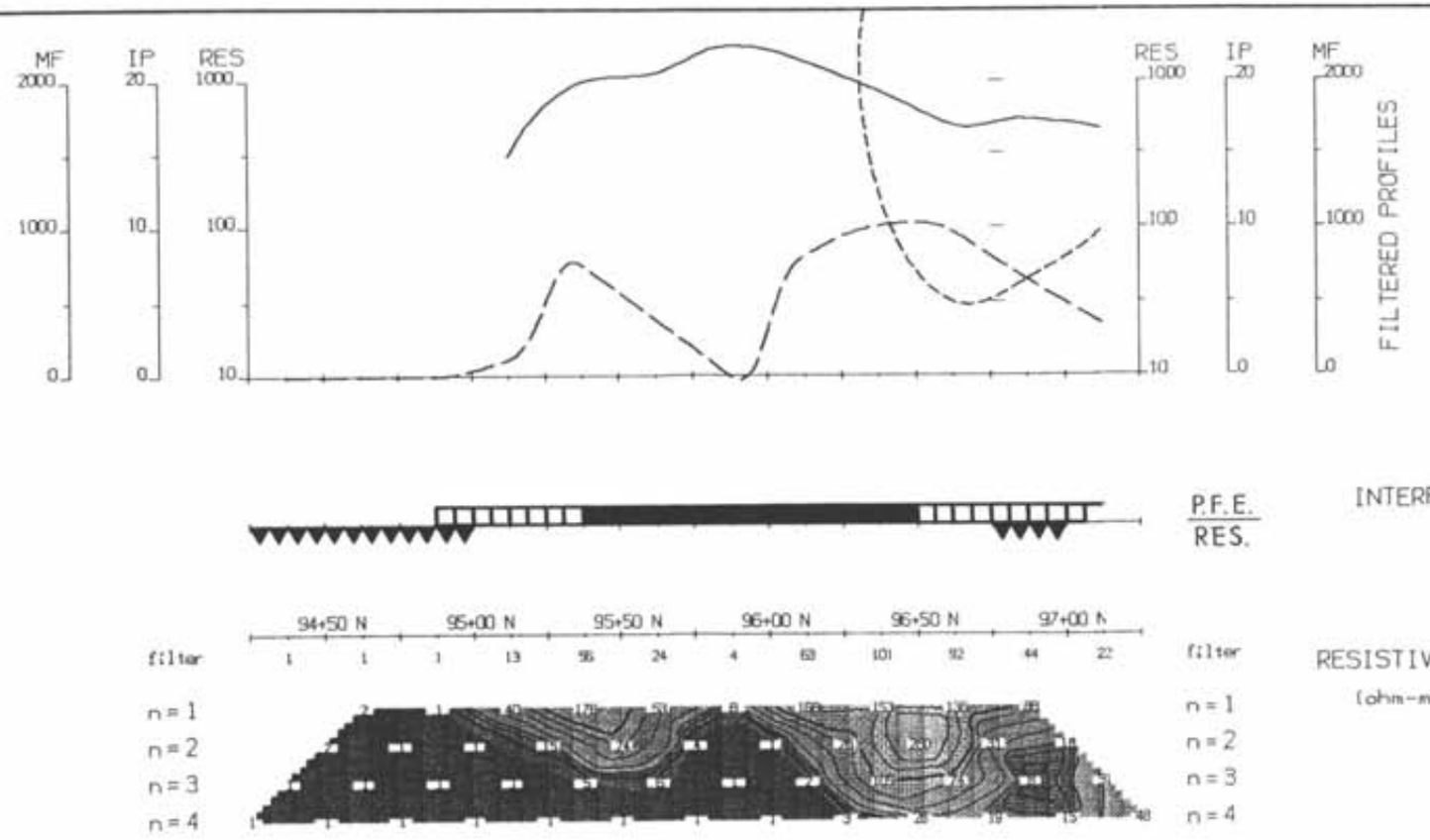
MUREX PROJECT

INDUCED POLARIZATION SURVEY

Line 50900 E
S.B.C.

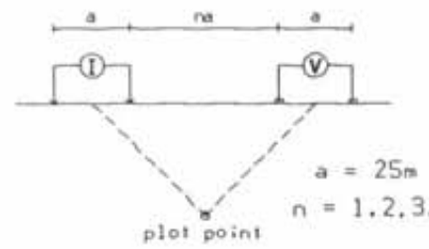
Date: 88/12/19 N.T.S 105F,K
Interpretation by: L. Bradish
Scale: 1 : 2500

noranda



Line 50950 E

Dipole-Dipole Array



a = 25m
n = 1,2,3,4,5,6

Filtered Profiles

	filter
Resistivity	*
Polarization	* *
Metal Factor	* * *

Logarithmic Contours 5, 7.5, 10,...

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

MUREX PROJECT

INDUCED POLARIZATION SURVEY

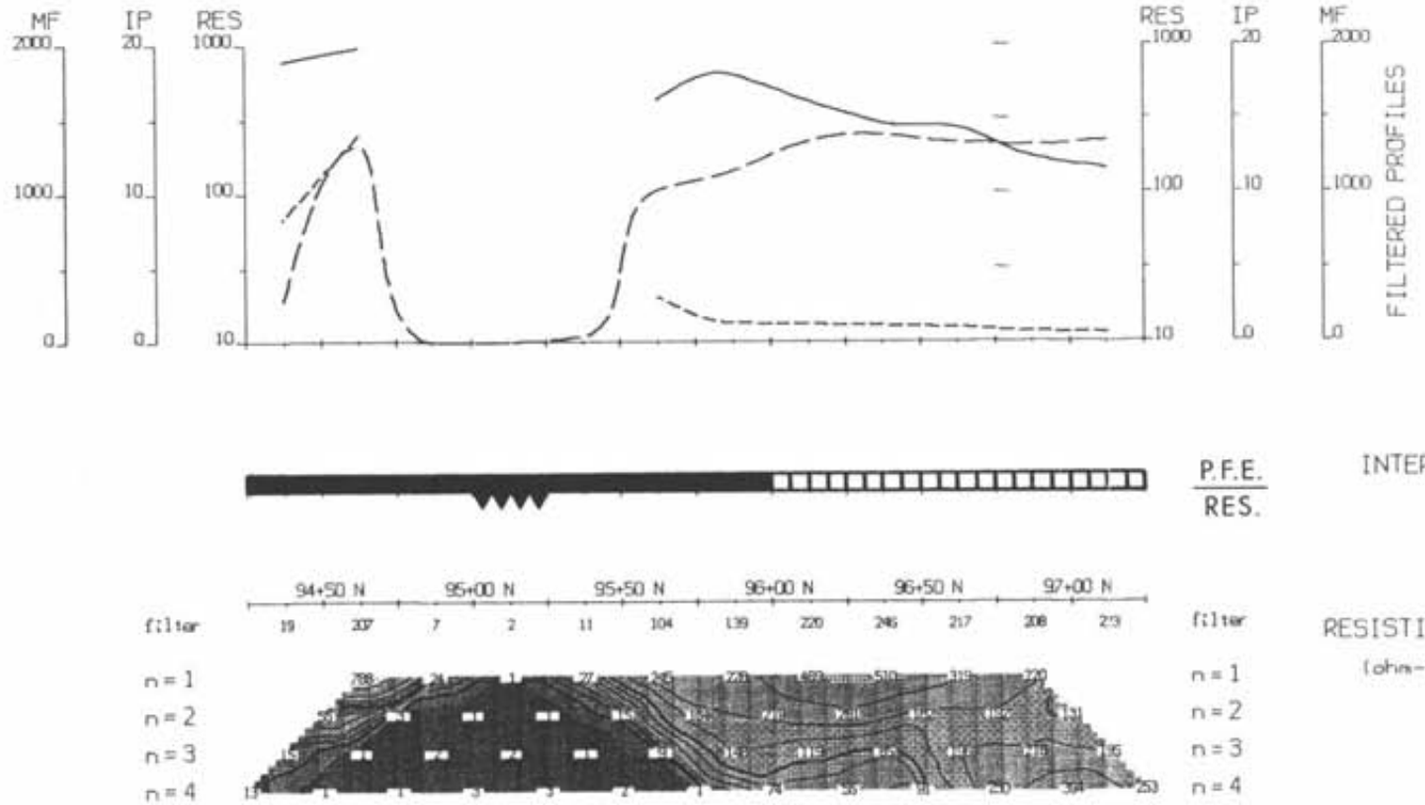
Line 50950 E
S.B.C.

Date: 88/12/19 N.T.S 105F.K
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a

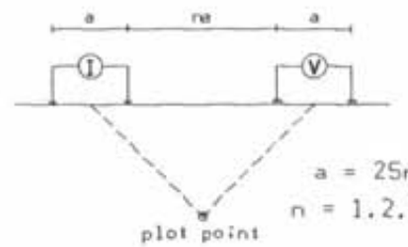
18,391

FIGURE 14a



Line 51150 E

Dipole-Dipole Array



a = 25m
n = 1.2.3.4.5.6

Filtered Profiles

		filter
Resistivity	————	*
Polarization	————	* *
Metal Factor	--------	* * *

Logarithmic Contours 5, 7.5, 10,...

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

MUREX PROJECT

INDUCED POLARIZATION SURVEY

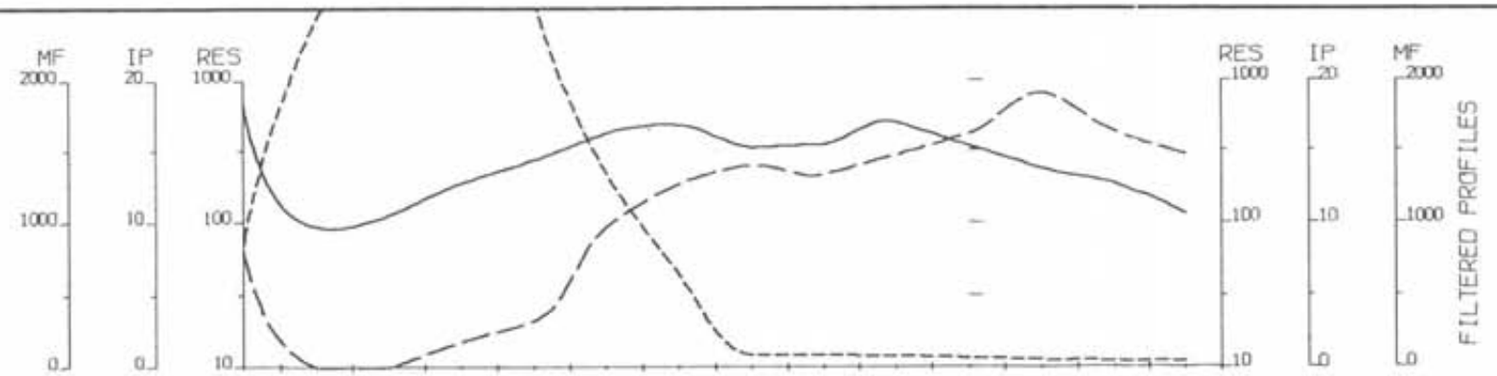
Line 51150 E
S.B.C.

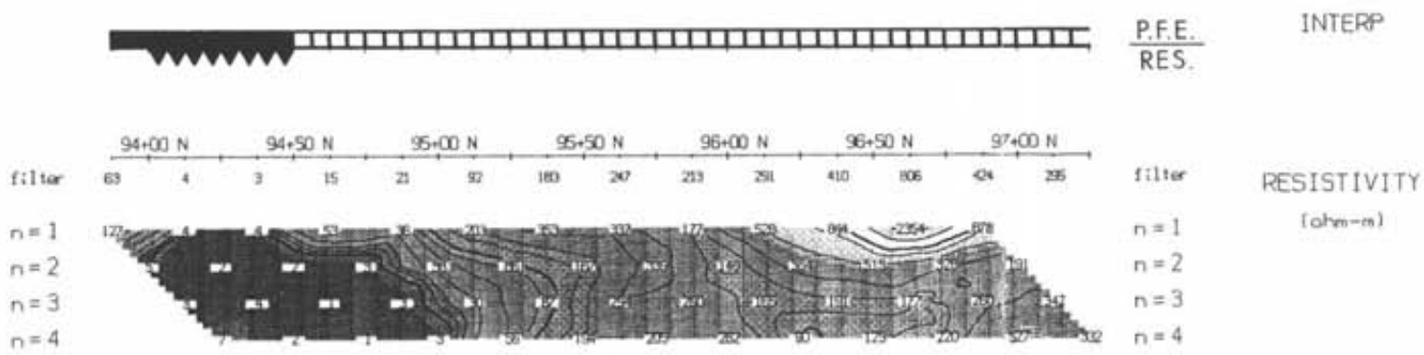
Date: 88/12/19 N.T.S 105F,K
Interpretation by: L. Bradish
Scale: 1 : 2500

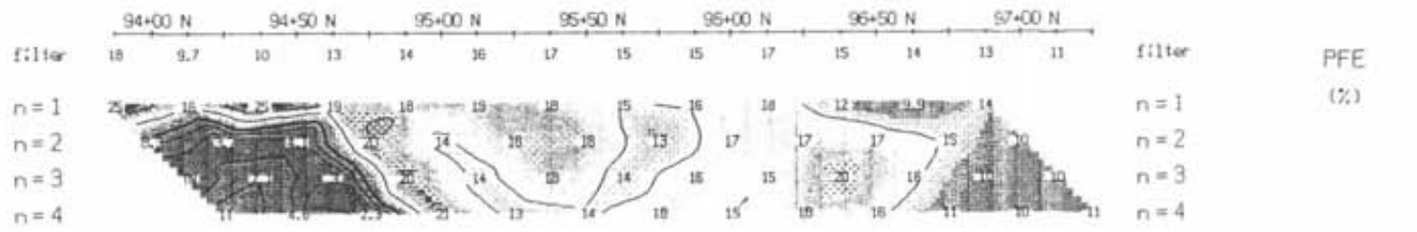
n o r a n d a

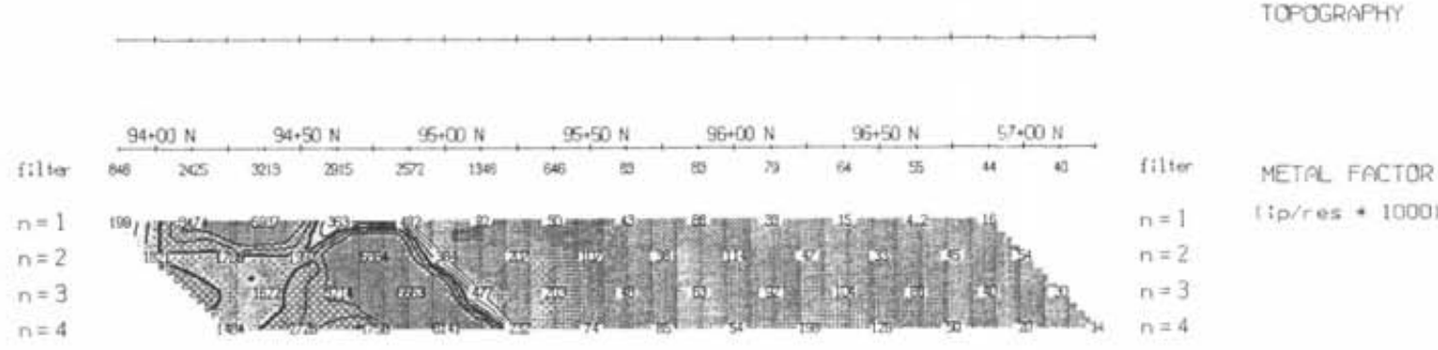
18,391

FIGURE 14b









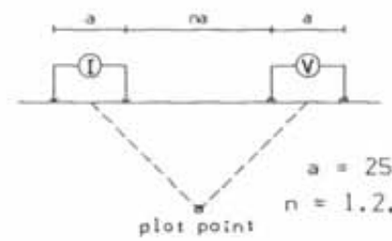
TOPOGRAPHY

18,391

FIGURE 14c

Line 51250 E

Dipole-Dipole Array



Filtered Profiles

		filter
Resistivity	————	*
Polarization	————	* *
Metal Factor	- - - - - - - -	* * *

Logarithmic Contours 5, 7.5, 10....

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

MUREX PROJECT

INDUCED POLARIZATION SURVEY

Line 51250 E
S.B.C.

Date: 88/12/19 N.T.S 105F.K
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a

GEOSOFT (tm) Software for the Earth Sciences, Toronto, Canada

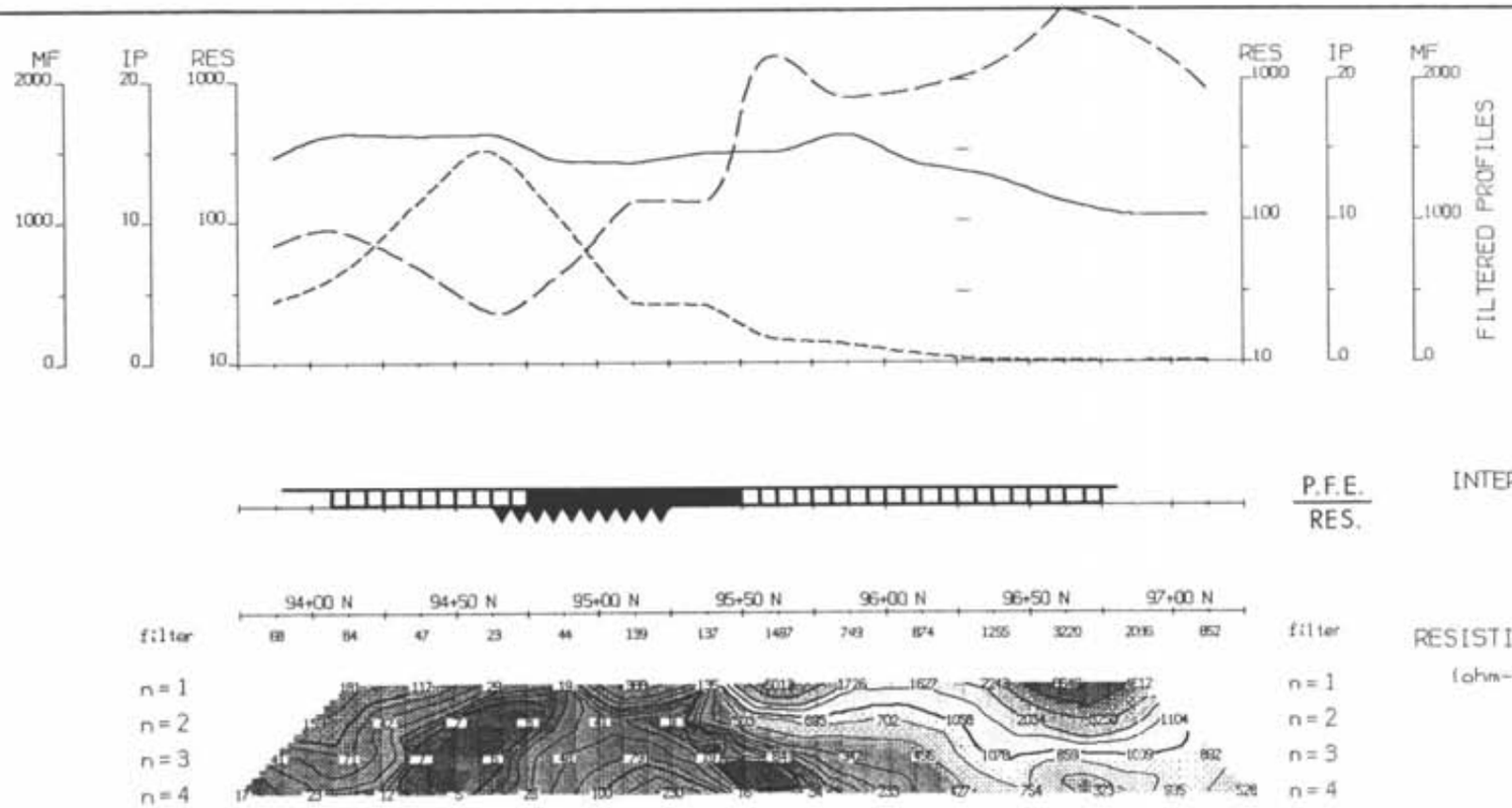
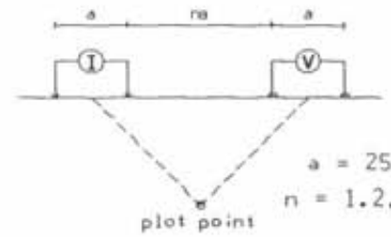


FIGURE 14d

18,391

Line 51350 E

Dipole-Dipole Array



Filtered Profiles

		filter
Resistivity	————	*
Polarization	————	* *
Metal Factor	- - - - - - - -	* * *

Logarithmic Contours 5, 7.5, 10....

Instrument : PHOENIX
Frequency : 0.25/4.0 Hz
Operator : Pacific Geophsical

INTERPRETATION

- ■ Strong increase in polarization
- ◘ Moderate increase in polarization
- □ Pronounced resistivity increase
- ▼ Pronounced resistivity decrease

MUREX PROJECT

INDUCED POLARIZATION SURVEY

Line 51350 E
S.B.C.

Date: 88/12/19 N.T.S 105F,K
Interpretation by: L. Bradish
Scale: 1 : 2500

n o r a n d a

Instrument : IGS
Field : TOTAL
Datum : 55500.0 nT

Contour Interval :

Profile Scale : 200 nT / Cm

Conductor Axis :

50m 25m 0m 50m 100m

MUREX DETAIL GRID

MAGNETOMETER SURVEY
"A-ZONE"
PROJECT: MUREX PROJECT PROJECT # : 177
BASELINE AZIMUTH : 290 Deg.

SCALE = 1 : 2500 DATE : SEPT./1988
SURVEY BY : WK NTS :
FILE: MMURX88
NORANDA EXPLORATION

FIGURE : 15

20300N
20200N
20100N
20000N
19900N
19800N
19700N
19600N
19500N
19400N

20400E
20500E
20600E
20700E
20800E
20900E
21000E

BASELINE 290°

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

Instrument : SE88
Coil Spacing : 100m
Ref. Frequency : 112 Hz
Vertical Scale : 1 cm = 20%
Conductor Axis :
337 Hz .....
1012 Hz _____
3037 Hz .....
Resitive Contact : Lo Res / Hi Res

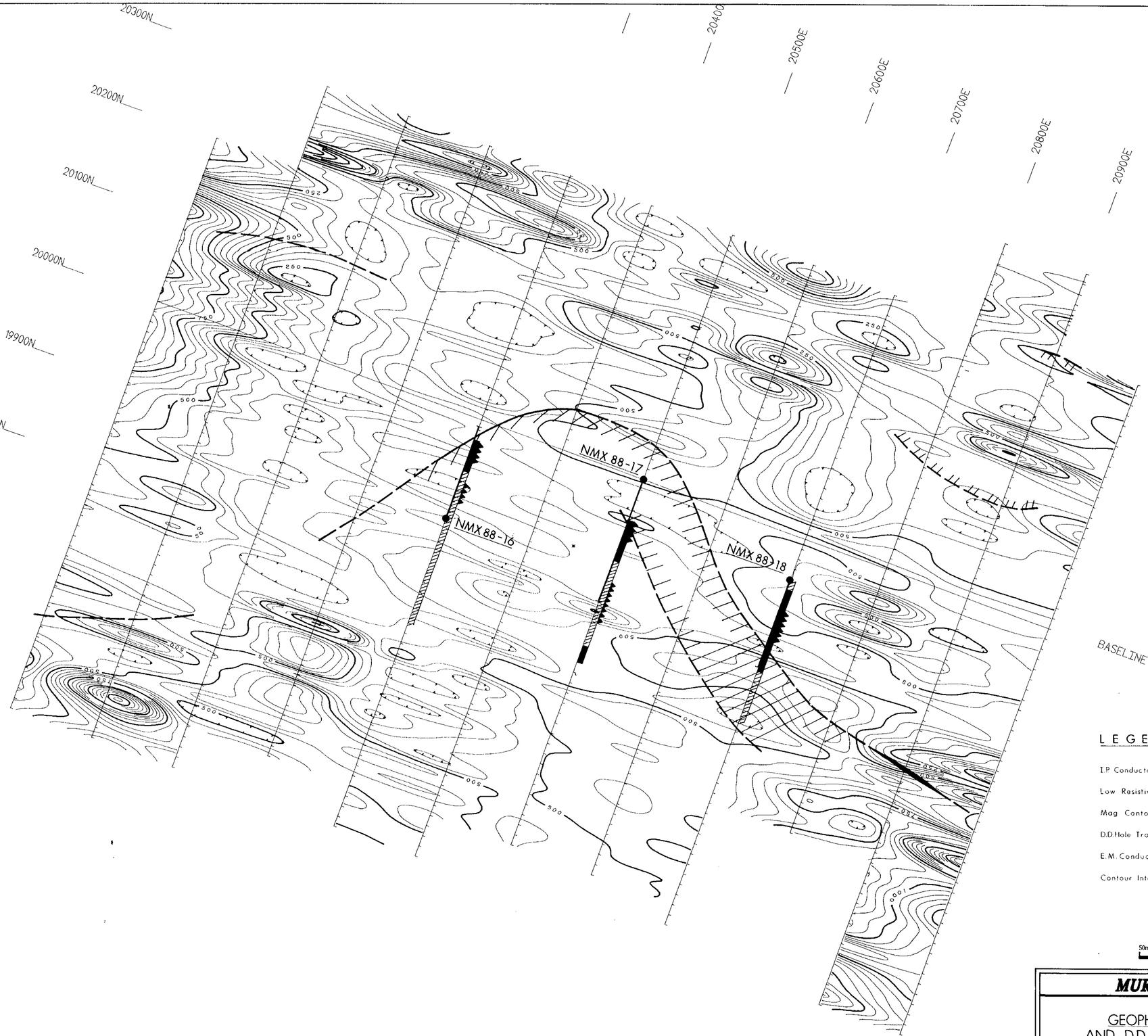
50m 25m 0m 50m 100m

MUREX GRID

SE-88 SURVEY
"A-ZONE"
PROJECT: MUREX PROJECT # : 177
BASELINE AZIMUTH : 290 Deg.

SCALE = 1: 2500 DATE : Sept. 1988
SURVEY BY : WK/DD NTS :
FILE: SMUREX88
NORANDA EXPLORATION

FIGURE : 16



GEOLOGICAL BRANCH
ASSESSMENT REPORT

BASELINE 290°

18,391

LEGEND

I.P Conductor : Strong ; Moderate (P.F.E.'s)

Low Resistivity :

Mag Contour : 500

D.D.Hole Trace

E.M. Conductor Axis :

Contour Interval : 50 nT

50m 25m 0m 50m 100m

MUREX DETAIL GRID

A - ZONE
GEOPHYSICAL COMPILATION
AND D.D.HOLES NMX 88 - 16, 17, 18

PROJECT : MUREX PROJECT PROJECT # : 177
BASELINE AZIMUTH : 290 Deg.

SCALE = 1: 2500 DATE : Sept. 1988
SURVEY BY : WK NTS : 92 F/14
FILE: M177MUR

NORANDA EXPLORATION

FIGURE: 17

19850N 19875N 19900N 19925N 19950N 19975N 20000N 20025N

2650ELEV 2625ELEV 2600ELEV 2575ELEV 2550ELEV 2525ELEV 2500ELEV

NMX88-16(0.0E)

OVBD BA B AB B PB OV B DD B DD B

EOH NMX88-16(0.0E)

LEGEND	
OVBD	Overburden
Casing	Casing
KV	Karmutsen Volcanics
QV	Quartz Vein
SKV	Silicified Karmutsen Volcanics
B	Basalt
DD	Diorite Dyke
PB	Porphyritic Basalt
AB	Agglomerate Basalt
BA	Basaltic Agglomerate

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

MUREX
SECTION 20300E
SCALE: 1:250M
Reading Presentation : Cu(ppm), Ag(ppm), Au(ppb) Generated by GMS & AutoCAD
File : NM20300E.DWG 7 OCT 1988
NORANDA EXPLORATION COMPANY, LIMITED

FIGURE : 18

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

MUREX

SECTION 20500E

SCALE: 1:250M

Reading Presentation : Cu(ppm), Ag(ppm), Au(ppb)

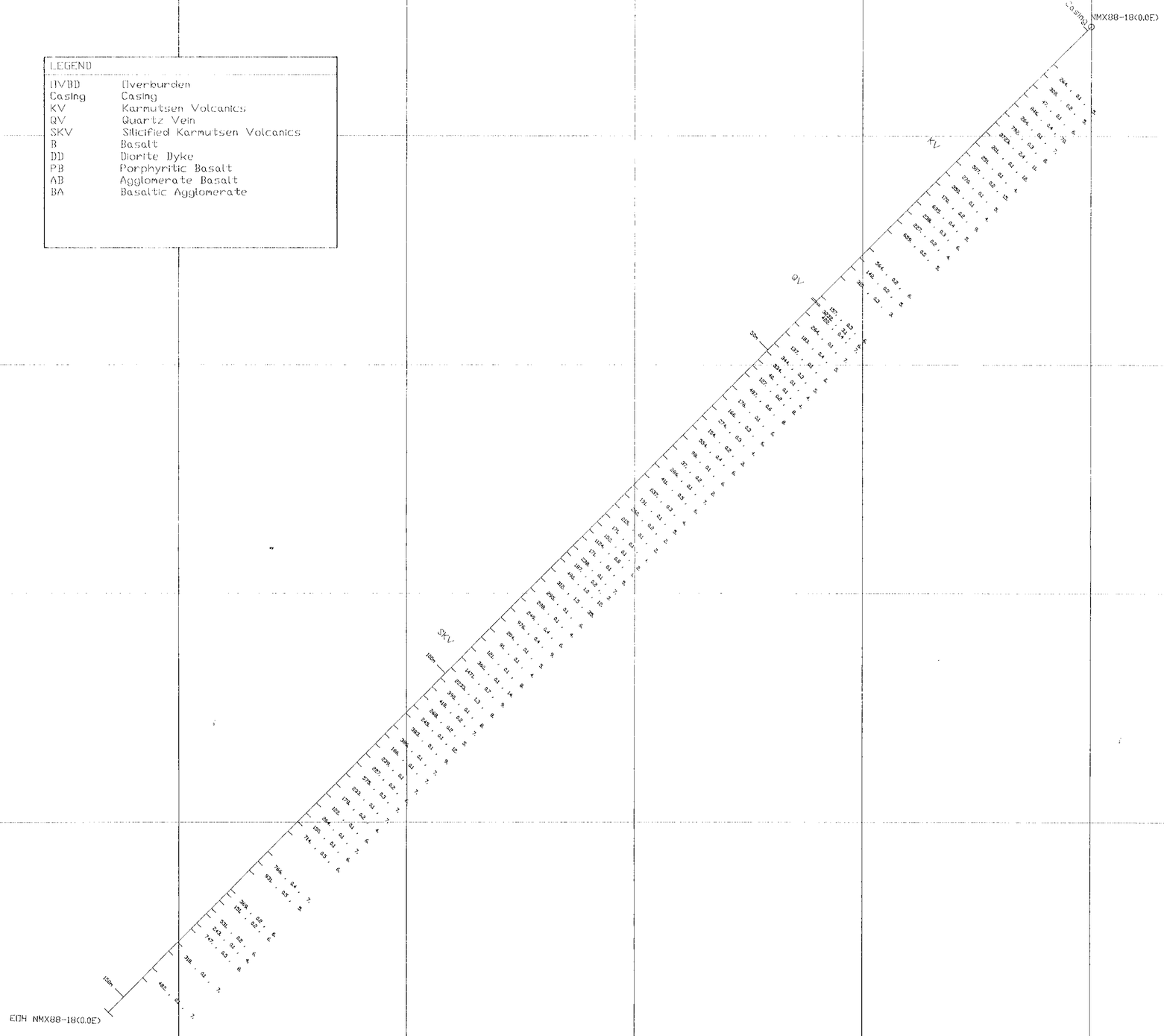
Generated by GMS & AutoCAD

File : NM20500E.DWG. 8 OCT 1988

NORANDA EXPLORATION COMPANY, LIMITED

FIGURE : 19

LEGEND	
OVBD	Overburden
Casing	Casing
KV	Karmutsen Volcanics
QV	Quartz Vein
SKV	Silicified Karmutsen Volcanics
B	Basalt
DD	Diorite Dyke
PB	Porphyritic Basalt
AB	Agglomerate Basalt
BA	Basaltic Agglomerate



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GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

MUREX
SECTION 20700E
SCALE: 1:250M
Reading Presentation : Cu(ppm), Ag(ppm), Au(ppb)
Generated by GMS & AutoCAD
File : NM20700E.DWG 11 OCT 1988
NORANDA EXPLORATION COMPANY, LIMITED

FIGURE: 20

9550N | 9575N | 9600N | 9625N | 9650N | 9675N

950ELEV

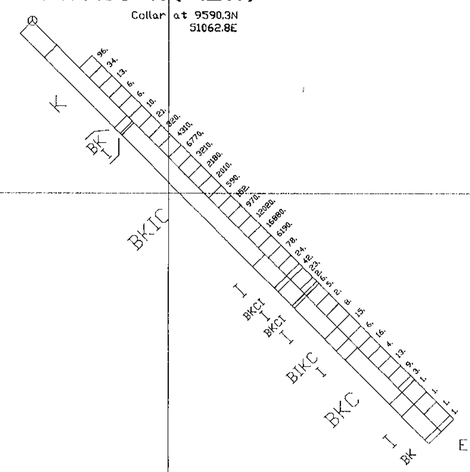
925ELEV

900ELEV

875ELEV

NMX88-19(0.2W)

Collar at 9590.3N
51062.8E



GEOLOGY LEGEND

OVBD	OVERBURDEN.
CASING	CASING.
K	KARMUTSEN BASALT.
C	COMOX FORMATION SEDIMENTS.
I	TERTIARY INTRUSIVES: d DIORITE.
B	BRECCIA: BKIC/BKCI MIXED LITHOLOGY BRECCIA.
Q/QV	QUARTZ VEIN
FP	FELDSPAR PORPHYRY

Data Presentation : Geology // Au(ppb)

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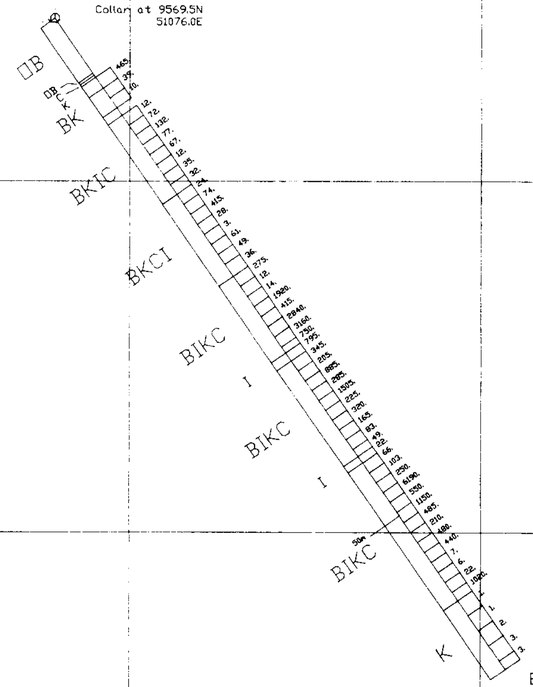
REVISED	MUREX–BETTER
	SECTION 51063E
	North-South Section Looking West
	File : NMX88-19.DWG
PROJ.No. 177	SURVEY BY: DATE: Feb /89
N.T.S. 092F14	DRAWN BY: GMS/AutoCAD (R. Fenton) SCALE: 1:250
DWG.No. 21	NORANDA EXPLORATION COMPANY, LIMITED
	OFFICE: Vancouver

9550N 9575N 9600N 9625N 9650N 9675N

950ELEV 925ELEV 900ELEV 875ELEV



GEOLOGY LEGEND

OVBD	OVERBURDEN.
CASING	CASING.
K	KARMUTSEN BASALT.
C	COMOX FORMATION SEDIMENTS.
I	TERTIARY INTRUSIVES:
	d DIORITE.
B	BRECCIA:
	BKIC/BKCI MIXED LITHOLOGY BRECCIA.
Q/QV	QUARTZ VEIN
FP	FELDSPAR PORPHYRY

Data Presentation : Geology ‖ Au(ppb)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

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NORANDA EXPLORATION CO. LTD.

REVISED	MUREX–BETTER
	SECTION 51076E
	North-South Section Looking West
	File : NMX88-20.DWG
PROJ.No. 177	SURVEY BY: DATE: Feb /89
N.T.S. 092F14	DRAWN BY: GMS/AutoCAD (R. Fenton) SCALE: 1:250
DWG.No. 22	NORANDA EXPLORATION COMPANY, LIMITED
	OFFICE: Vancouver

9575N 9600N 9625N 9650N 9675N 9700N

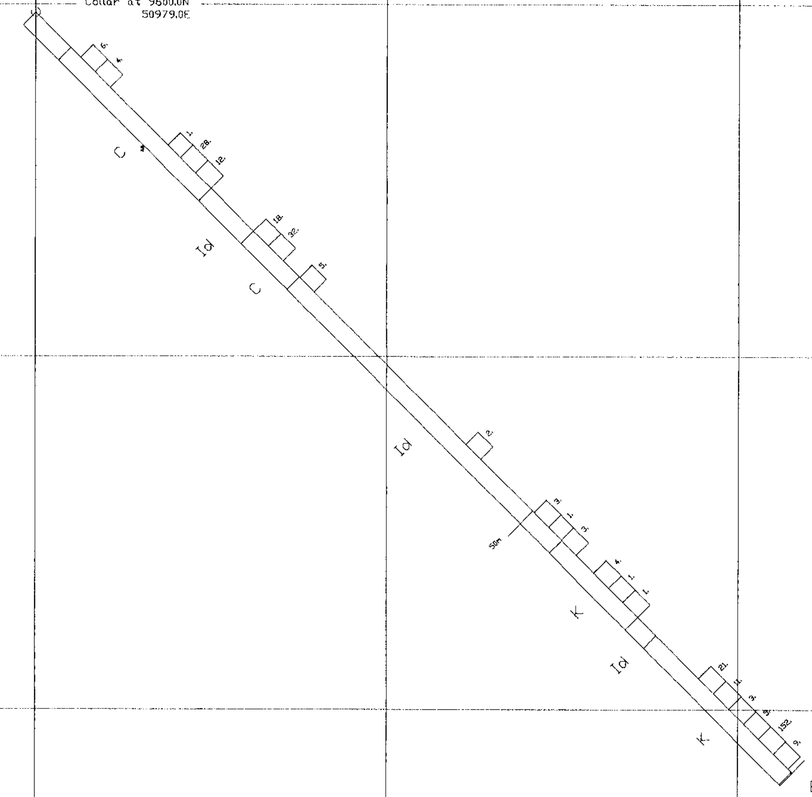
975ELEV

950ELEV

925ELEV

NMX88-21

Collar at 9600.0N
50979.0E



GEOLOGY LEGEND

OVBD	OVERBURDEN.
CASING	CASING.
K	KARMUTSEN BASALT.
C	COMOX FORMATION SEDIMENTS.
I	TERTIARY INTRUSIVES:
	di DIORITE.
B	BRECCIA:
	BKIC/BKCI MIXED LITHOLOGY BRECCIA.
Q/QV	QUARTZ VEIN
FP	FELDSPAR PORPHYRY

Data Presentation : Geology # Au(ppb)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

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NORANDA EXPLORATION CO. LTD.

REVISED	MUREX-BETTER
	SECTION 50979E
	North-South Section Looking West
	File : NMX88-21.DWG

PROJ.No. 177	SURVEY BY: DATE: Feb /89
N.T.S. 092F14	DRAWN BY: CMS/AutoCAD (R. Fenton) SCALE: 1:250
DWG.No. 23	NORANDA EXPLORATION COMPANY, LIMITED
	OFFICE: Vancouver

9425N | 9450N | 9475N | 9500N | 9525N | 9550N | 9575N | 9600N

825ELEV

800ELEV

775ELEV

750ELEV

725ELEV

NMX88-22
Collar at 9537.0N
51350.0E

EOH NMX88-22
Total Length = 138.37m

GEOLOGY LEGEND	
OVBD	OVERBURDEN.
CASING	CASING.
K	KARMUTSEN BASALT.
C	COMOX FORMATION SEDIMENTS.
I	TERTIARY INTRUSIVES:
	d DIORITE.
B	BRECCIA:
	BKIC/BKCI MIXED LITHOLOGY BRECCIA.
Q/QV	QUARTZ VEIN
FP	FELDSPAR PORPHYRY

Data Presentation : Geology ‖ Au(ppb)

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REVISED	MUREX-BETTER
	SECTION 51350E
	North-South Section Looking West
	File : NMX88-22.DWG
PROJ.No. 177	SURVEY BY: DATED: Feb /89
N.T.S. 092I14	DRAWN BY: CMS/AutoCAD (R. Fenton) SCALE: 1:250
DWG.No. 24	NORANDA EXPLORATION COMPANY, LIMITED
	OFFICE: Vancouver

9550N 9575N 9600N 9625N 9650N

950ELEV

925ELEV

900ELEV

875ELEV

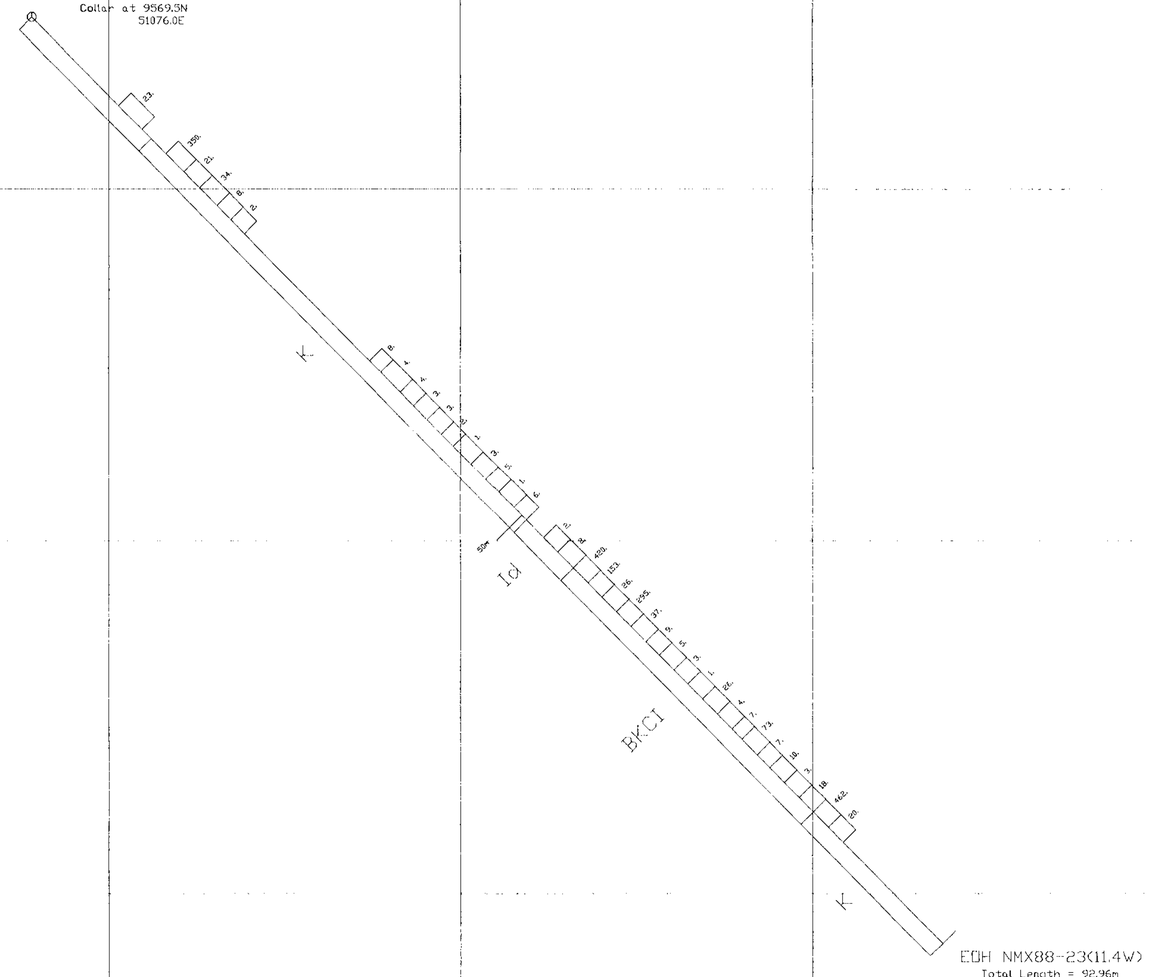
GEOLOGY LEGEND

OVBD	OVERBURDEN.
CASING	CASING.
K	KARMUTSEN BASALT.
C	COMOX FORMATION SEDIMENTS.
I	TERTIARY INTRUSIVES:
	d DIORITE.
B	BRECCIA:
	BKIC/BKCI MIXED LITHOLOGY BRECCIA.
Q/QV	QUARTZ VEIN
FP	FELDSPAR PORPHYRY

Data Presentation : Geology // Au(ppb)

NMX88-23

Collar at 9569.5N
51076.0E



EOH NMX88-23(11.4W)
Total Length = 92.96m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

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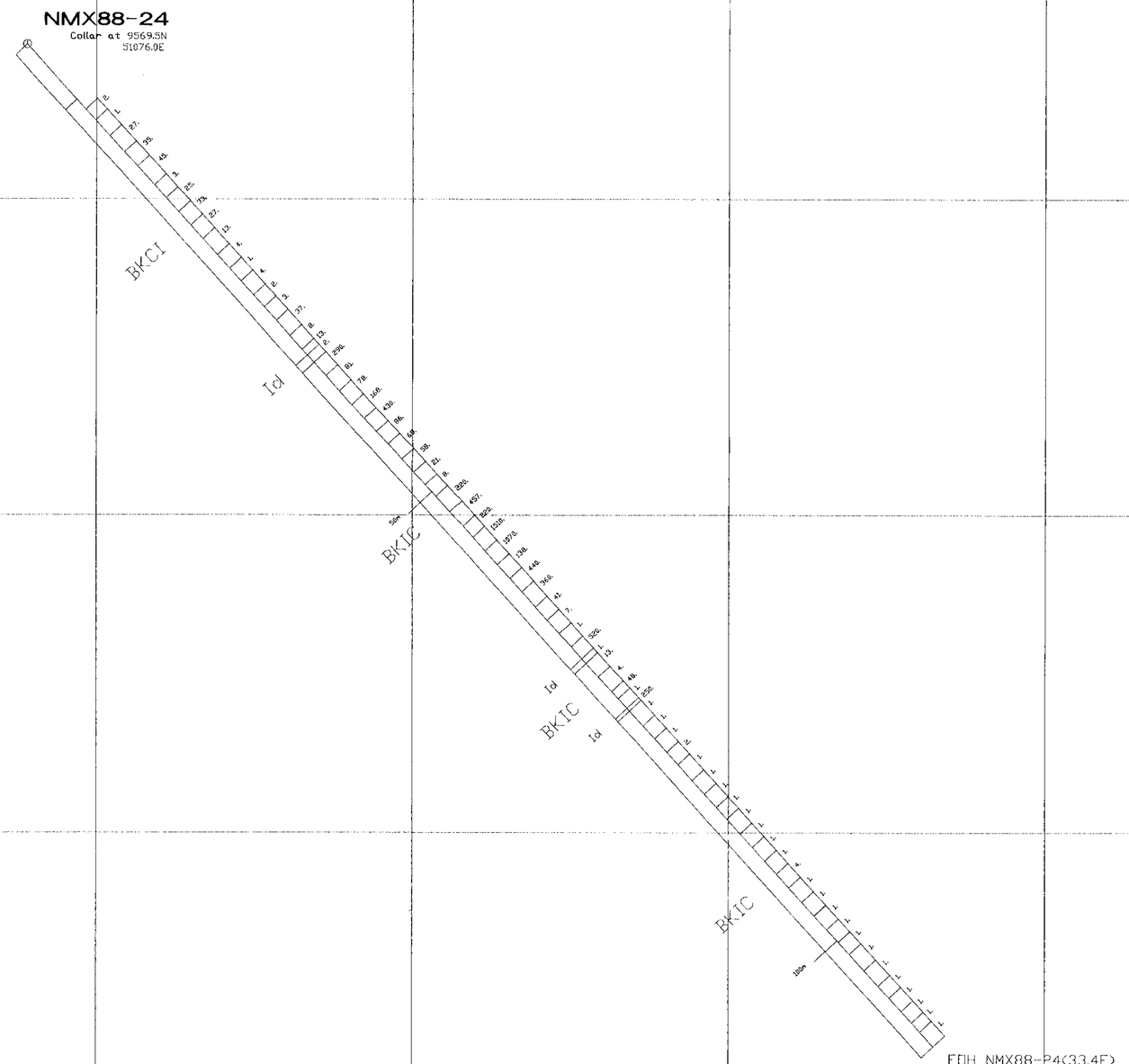
NORANDA EXPLORATION CO. LTD.

REVISED	MUREX–BETTER
	SECTION 51076E
	North–South Section Looking West
	File : NMX88-23.DWG
PROJ.No. 127	SURVEY BY: DATED: Feb /89
N.T.S. 092F14	DRAWN BY: GMS/AutoCAD (K. Fenton) SCALE: 1:250
DWG.No. 25	NORANDA EXPLORATION COMPANY, LIMITED
	OFFICE: Vancouver

9550N 9575N 9600N 9625N 9650N 9675N

950ELEV 925ELEV 900ELEV 875ELEV



GEOLOGY LEGEND

OVBD	OVERBURDEN.
CASING	CASING.
K	KARMUTSEN BASALT.
C	COMOX FORMATION SEDIMENTS.
I	TERTIARY INTRUSIVES:
	d DIORITE.
B	BRECCIA:
	BKIC/BKCI MIXED LITHOLOGY BRECCIA.
Q/QV	QUARTZ VEIN
FP	FELDSPAR PURPHYRY

Data Presentation : Geology // Au(ppb)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,391

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NORANDA EXPLORATION CO. LTD.

REVISED	MUREX--BETTER
	SECTION 51076E
	North-South Section Looking West
	File : NMX88-24.DWG
PROJ.No. 177	SURVEY BY: DATE: Feb /89
N.T.S. 092E14	DRAWN BY: GMS/AutoCAD (R. Fenton) SCALE: 1:250
DWG.No. 26	NORANDA EXPLORATION COMPANY, LIMITED
	OFFICE: Vancouver