ENERGEX MINERALS LTD.

TOODOGGONE PROJECT

VOLUME 7

APPENDIX 'F'

GEOPHYSICAL REPORT BY

WHITE GEOPHYSICAL INC.

1986

ON THE AL PROPERTY

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

ENERGEX MINERALS LTD.

GEOPHYSICAL REPORT VOLUME 2

ON A

MULTIPOLE INDUCED POLARIZATION SURVEY,

PULSE ELCTROMAGNETOMETER TEST SURVEY,

EM-31 AND EM-16R TEST SURVEY,

PROTON PRECESSION MAGNETOMETER TEST SURVEY,

AND SELF POTENTIAL SURVEY,

ON THE

AL PROPERTY

OMINECA MINING DIVISION

LATITUDE: 57°28"N LONGITUDE: 129°27'W

NTS 92E/6

AUTHORS: Cliff Candy,B.Sc.,
Geophysicist
Glen E. White,B.Sc.,P.Eng.,
Consulting Geophysicist

DATE OF WORK: June 24 - July 24,1986

DATE OF REPORT: December 20,1986

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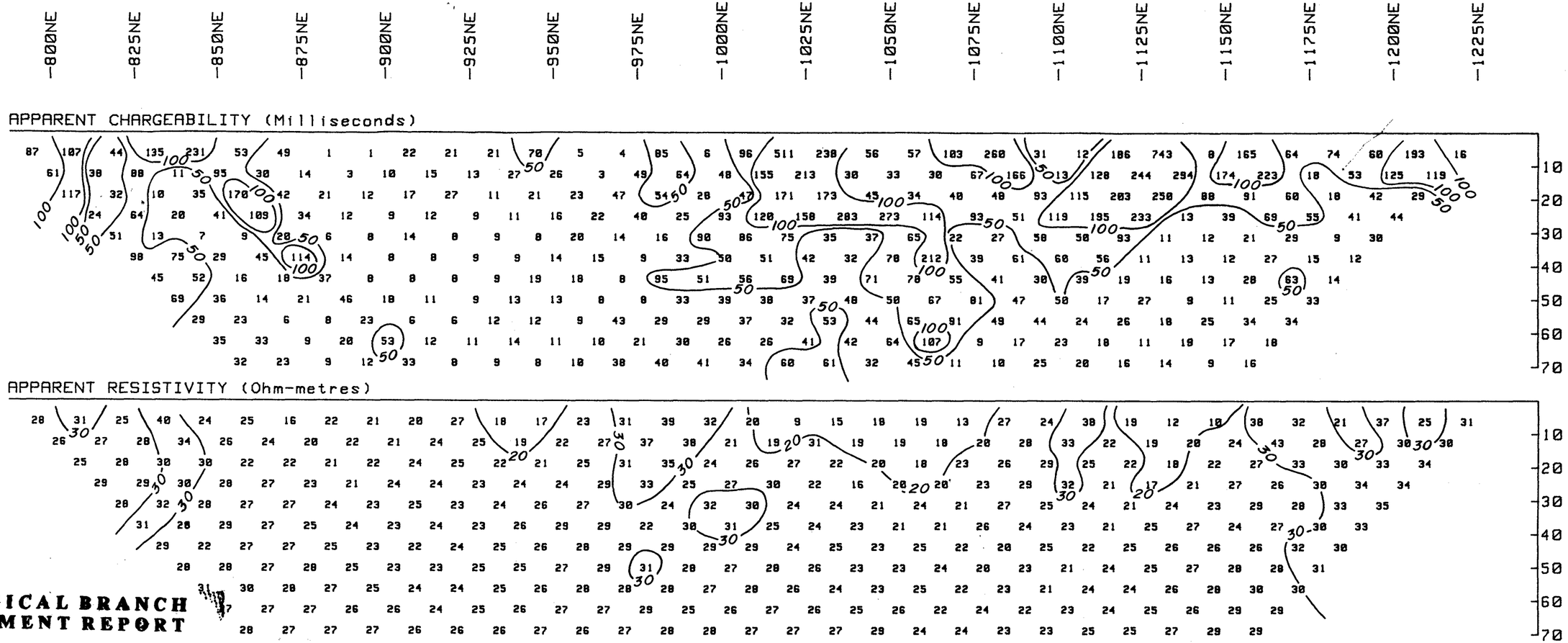


GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

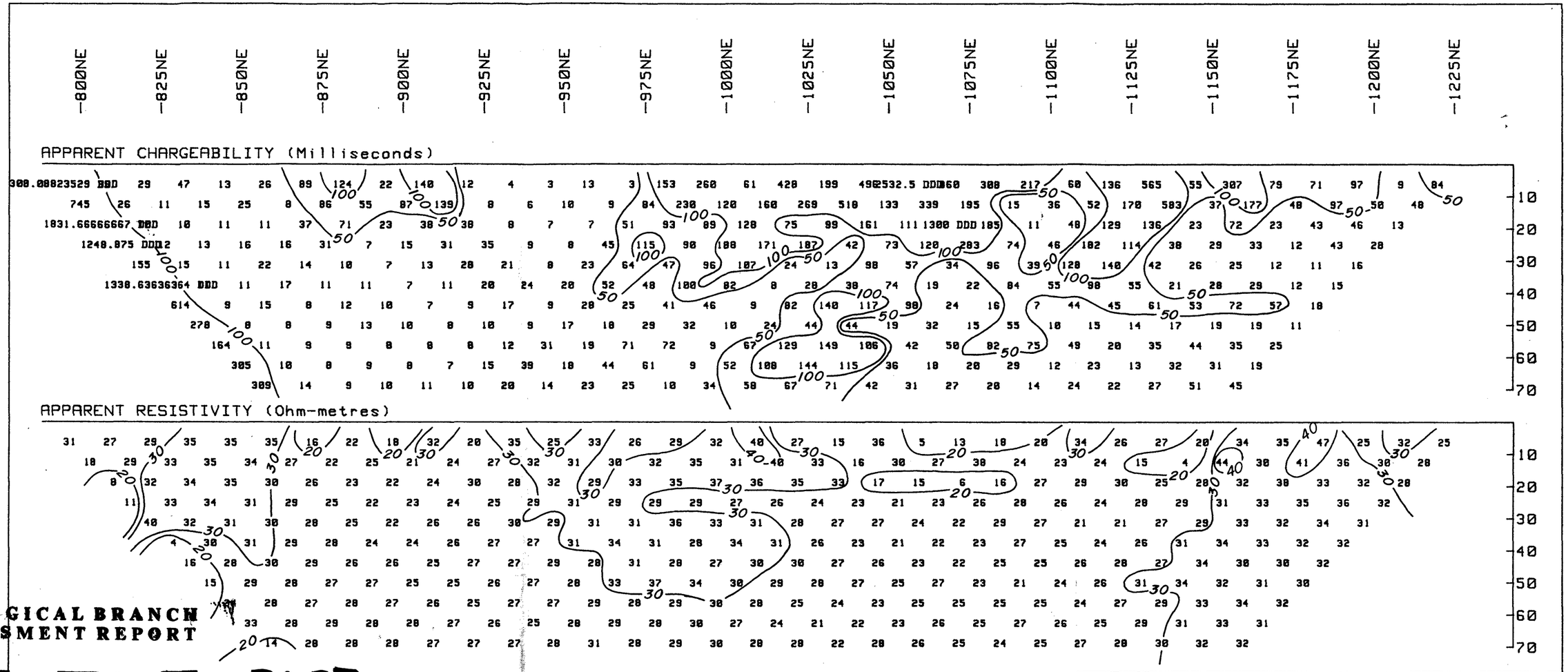
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 600SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 5



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

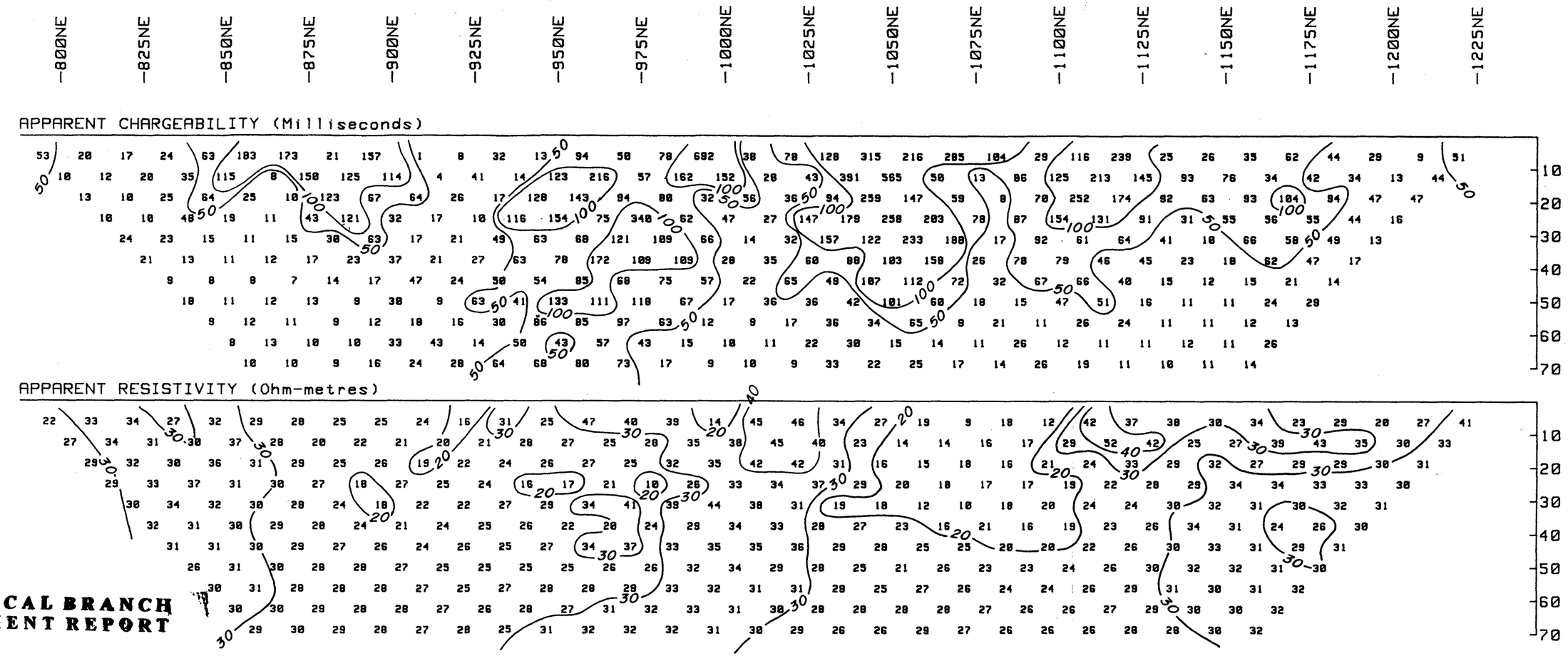
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 650SE

DATE: JULY/86

FIG.: 6



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

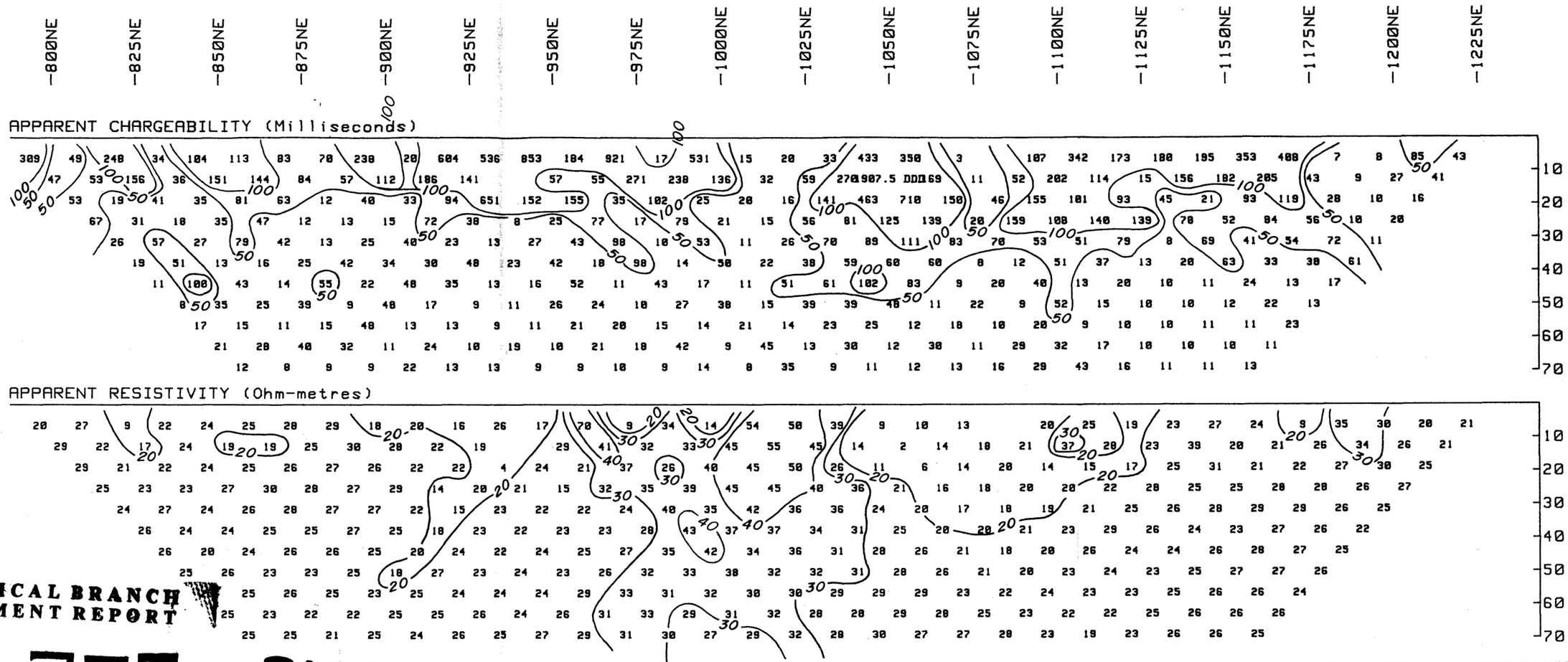
METRES
0 10 20 30 40.

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 700SE

DATE: JULY/86

FIG.: 7



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART
7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

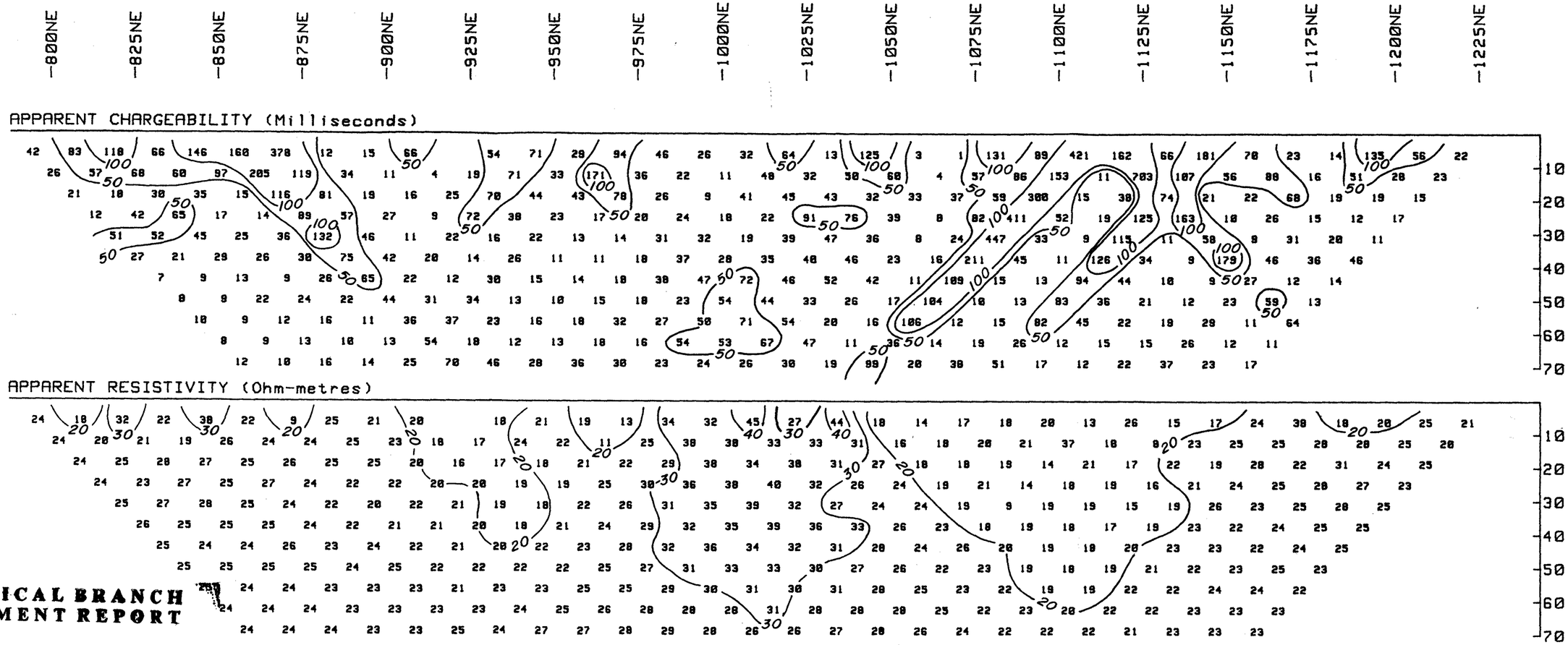
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 750SE

DATE: JULY/86

FIG.: 8



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

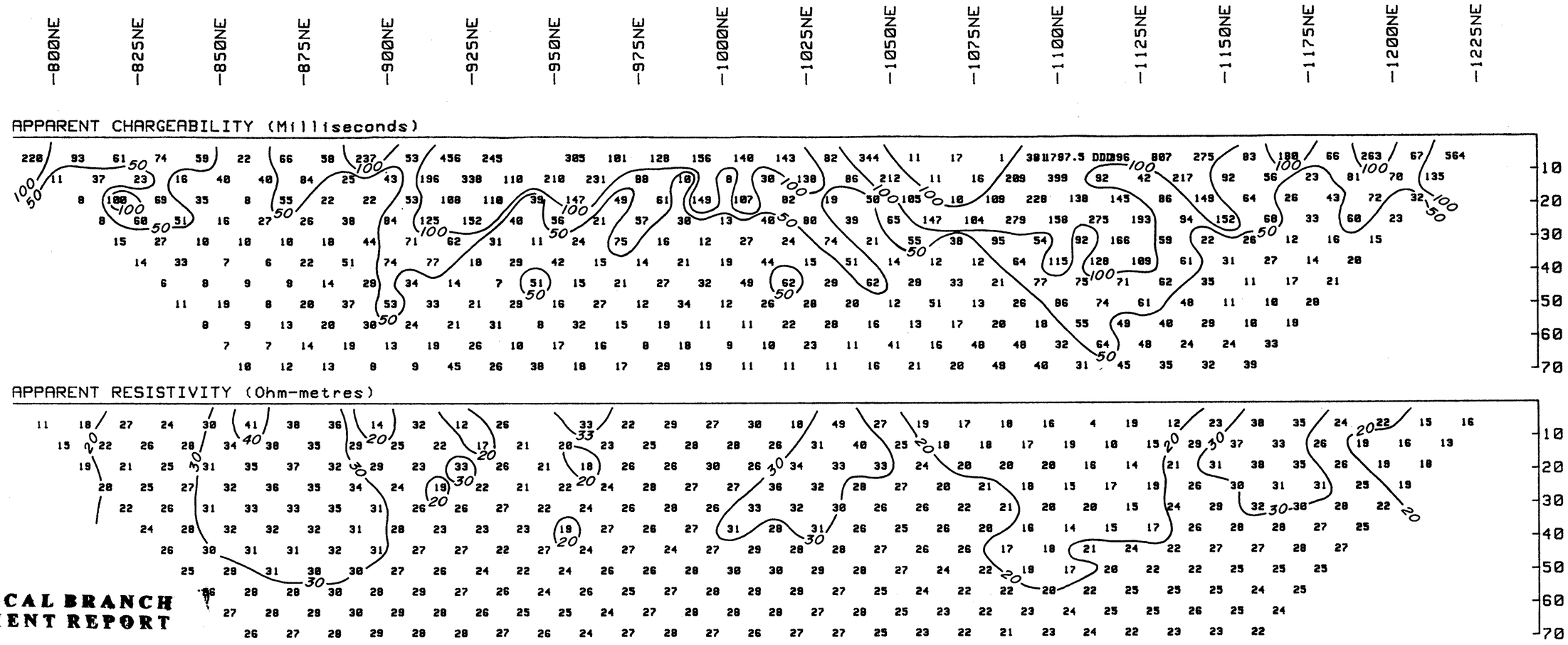
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 800SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 9



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

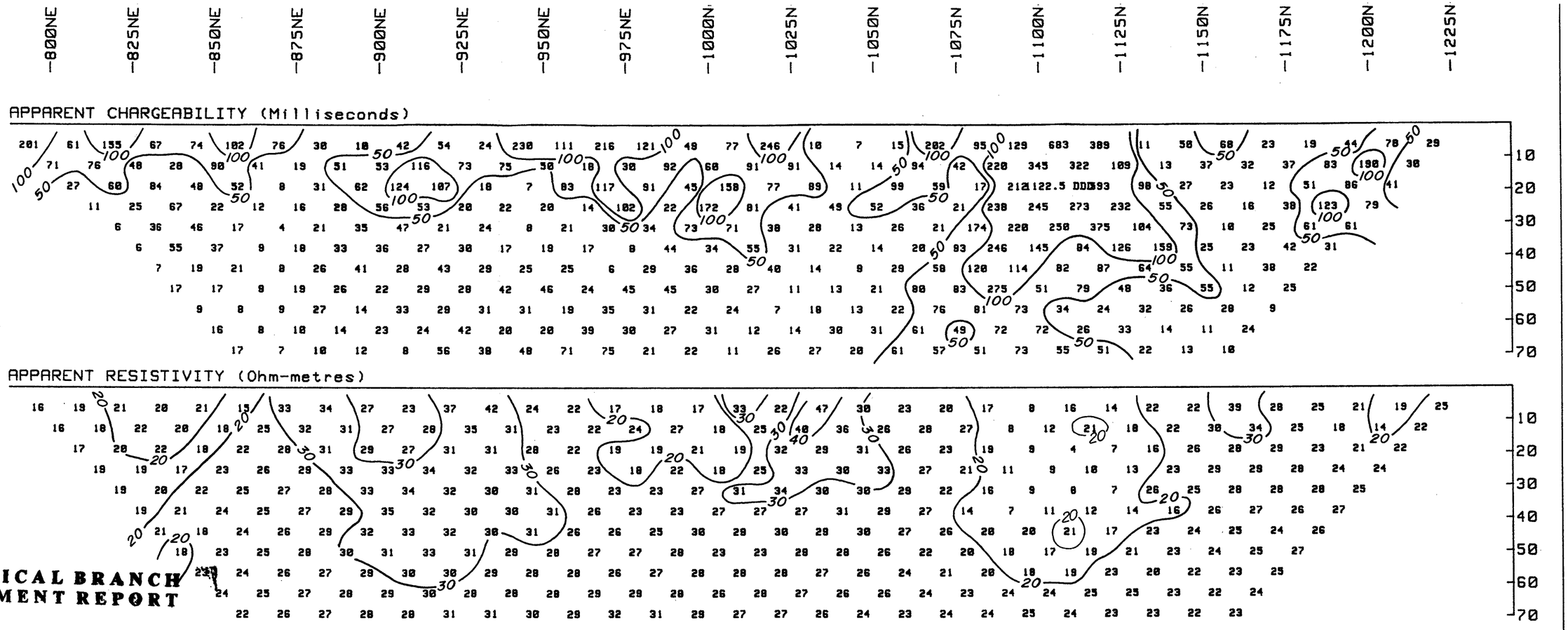
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 850SE

DATE: JULY/86

FIG.: 10



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

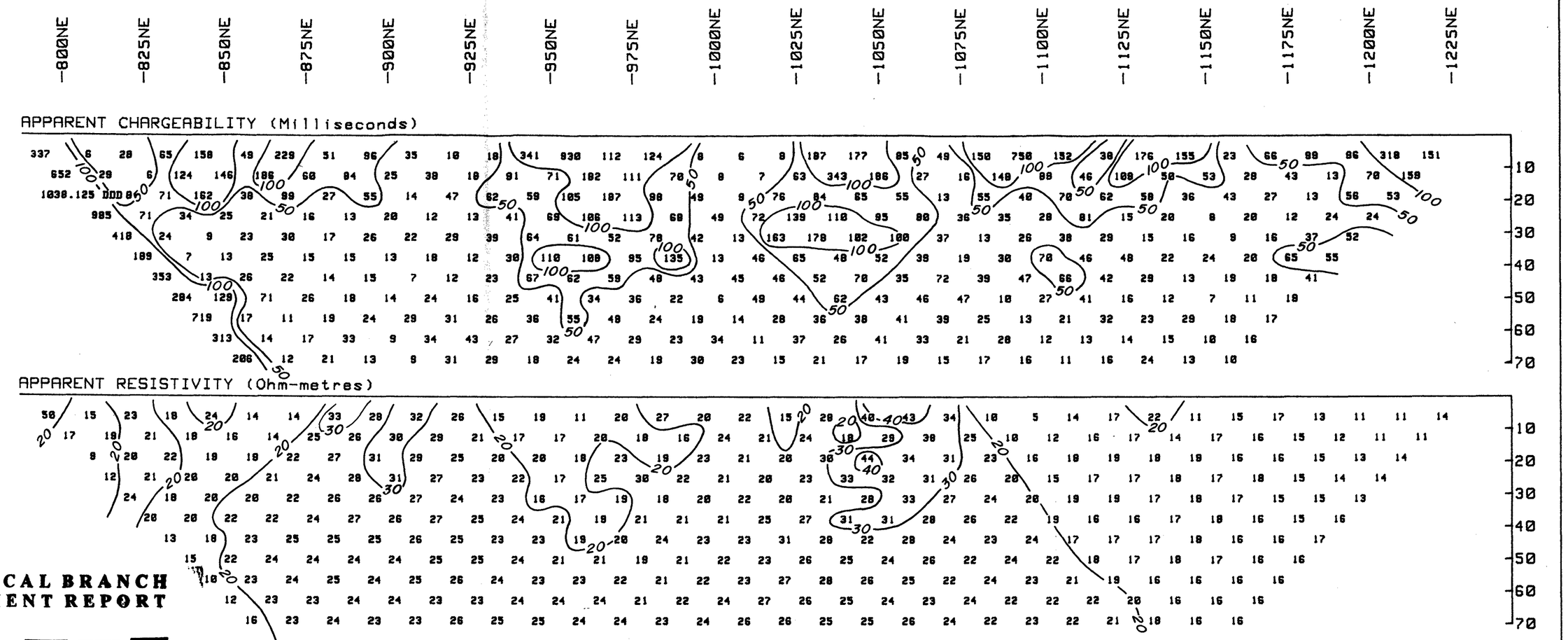
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 900SE

DATE: JULY/86

FIG.: 11



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

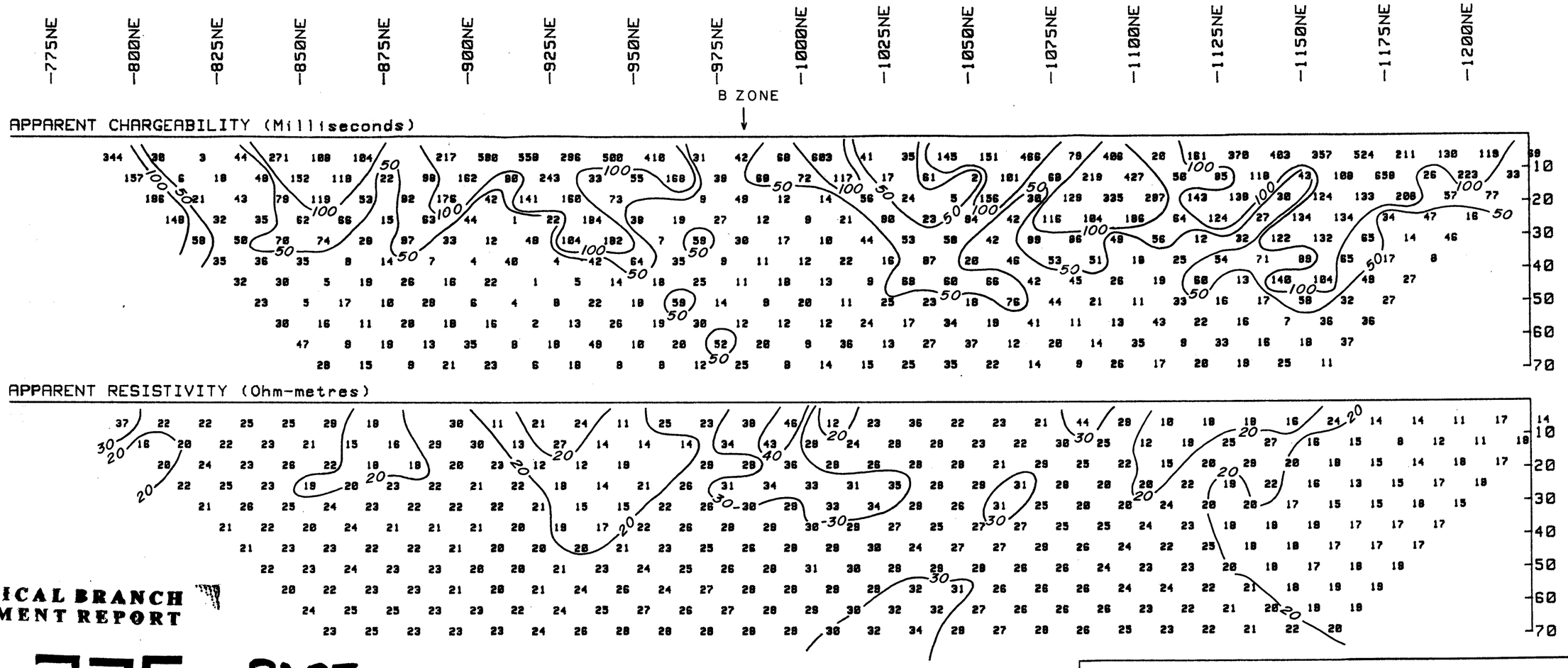
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 950SE

DATE: JULY/86

FIG.: 12



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

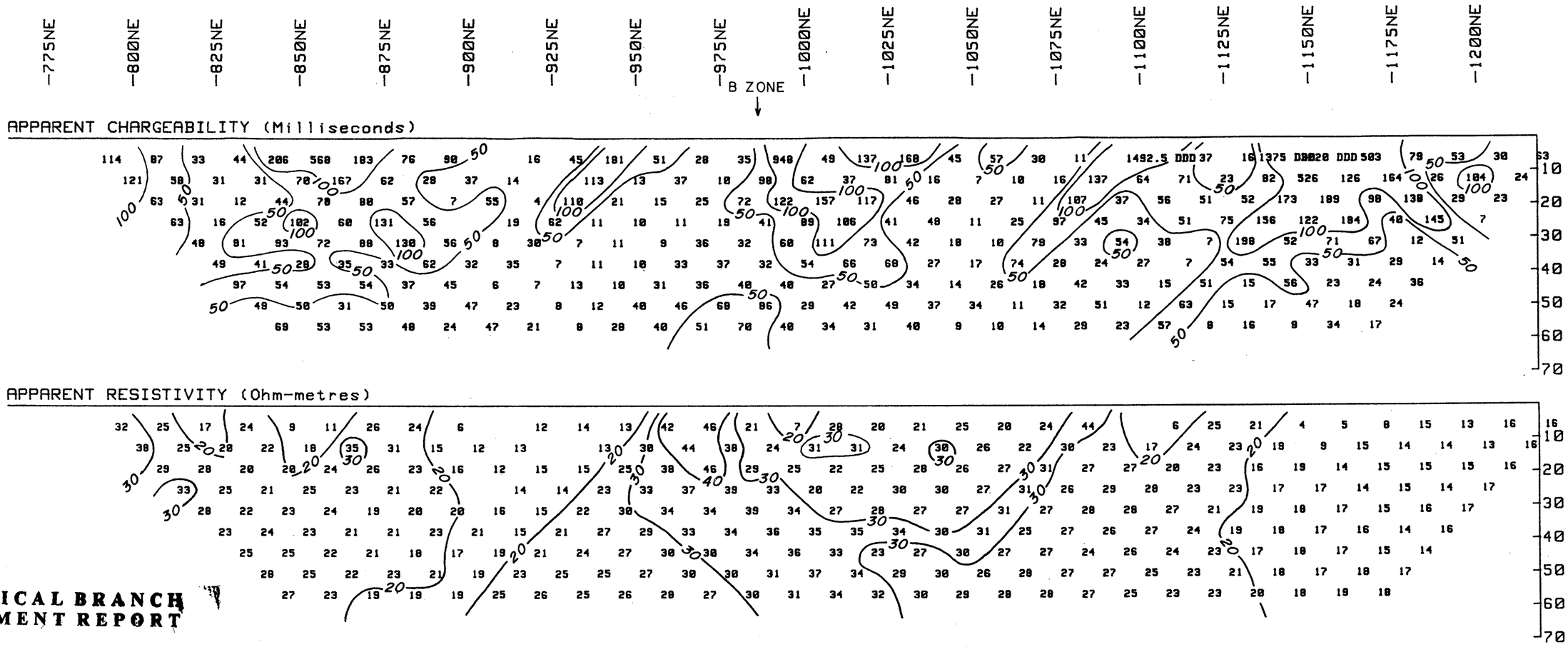
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1000SE

DATE: JULY/86

FIG.: 13



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

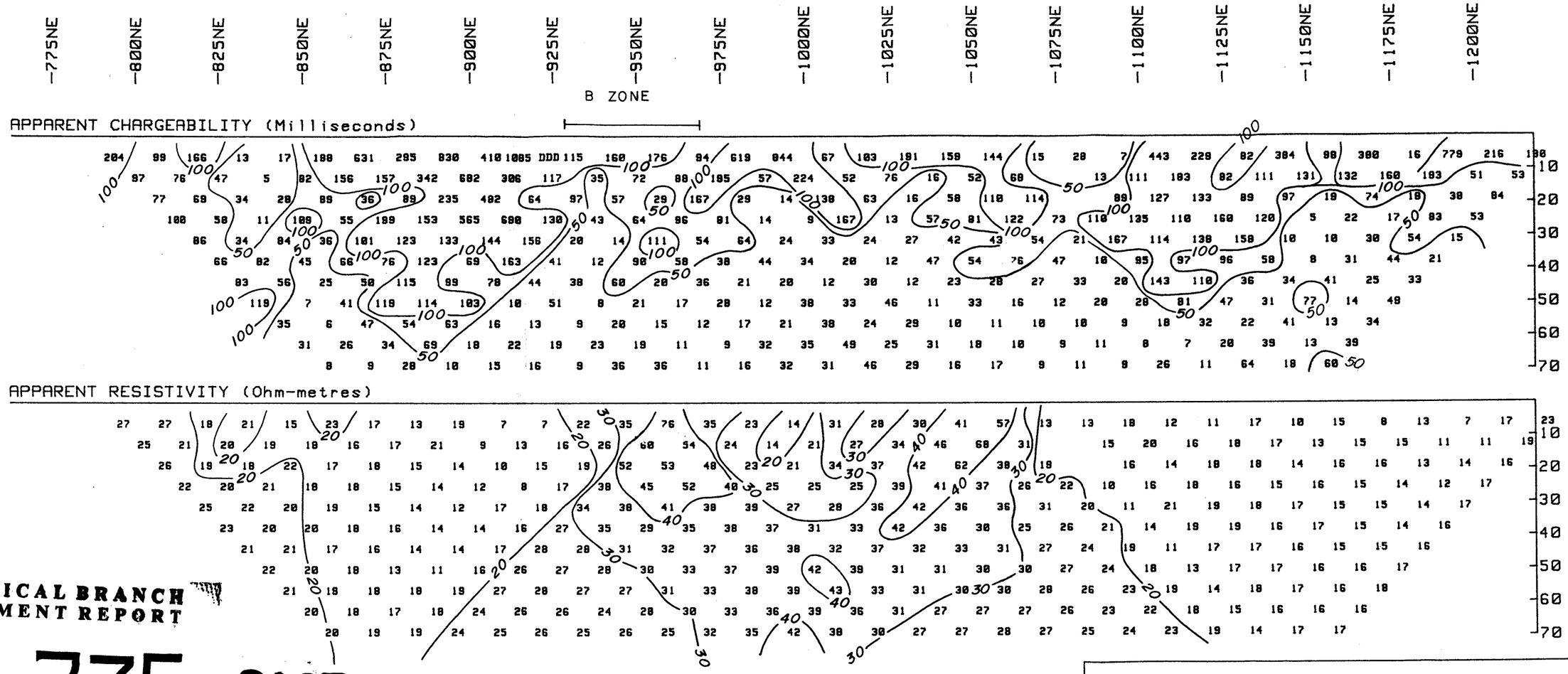
INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1050SE

DATE: JULY/86 | FIG.: 14



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

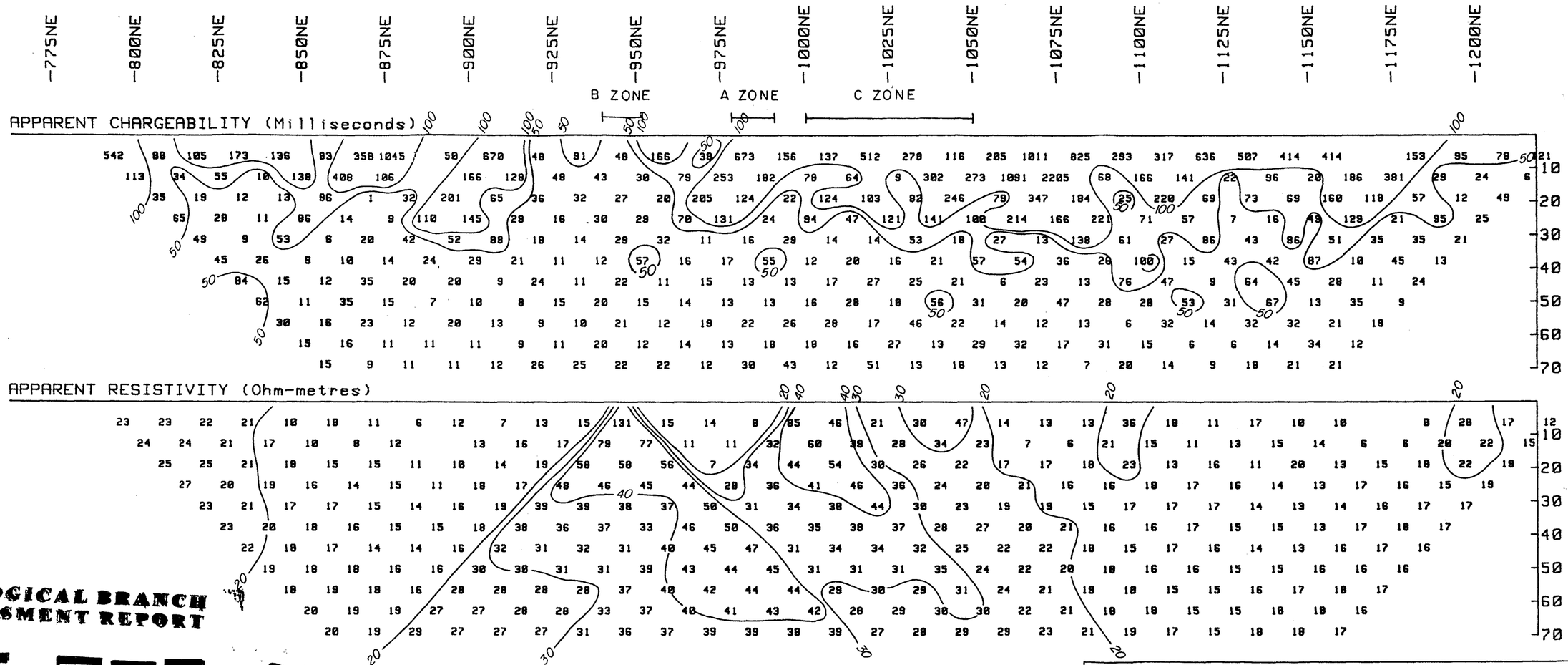
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1100SE

DATE: JULY/86

FIG.: 15



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

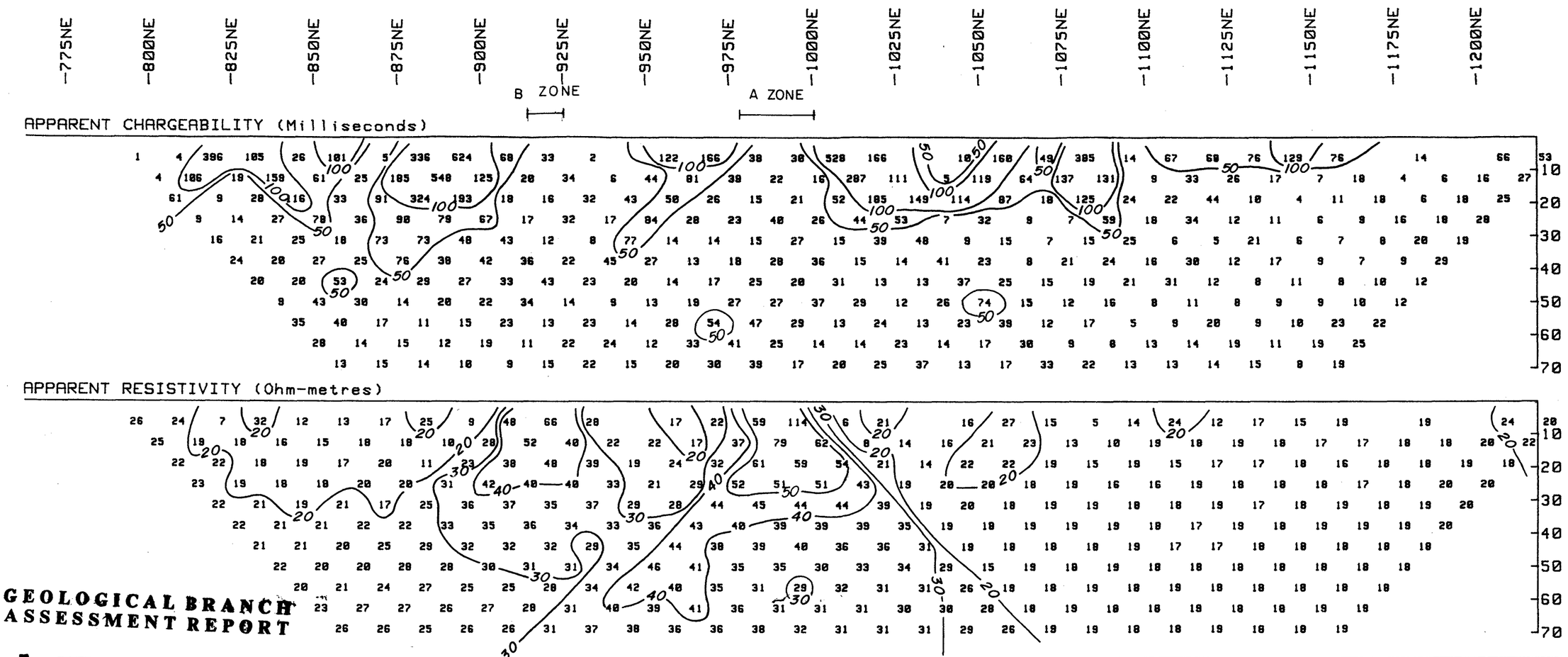
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1150SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 16



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

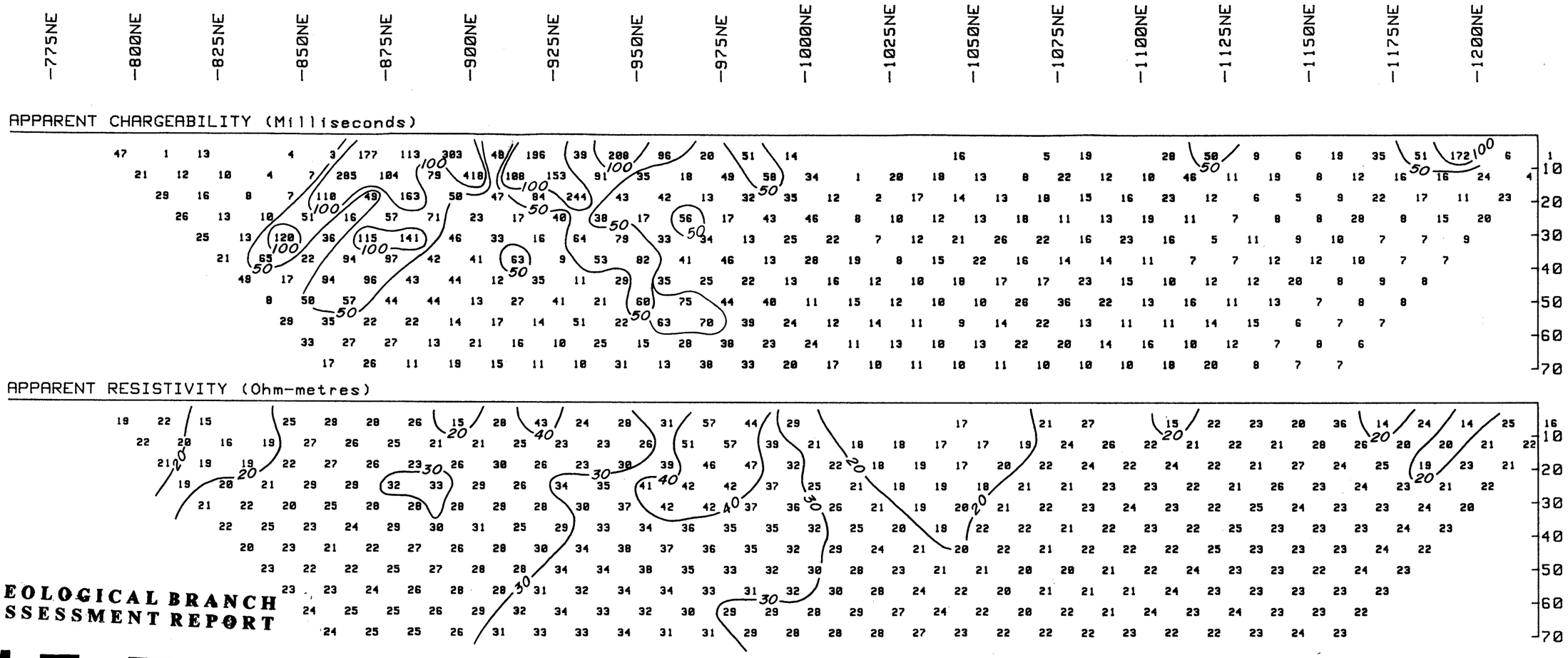
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1200SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 17



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

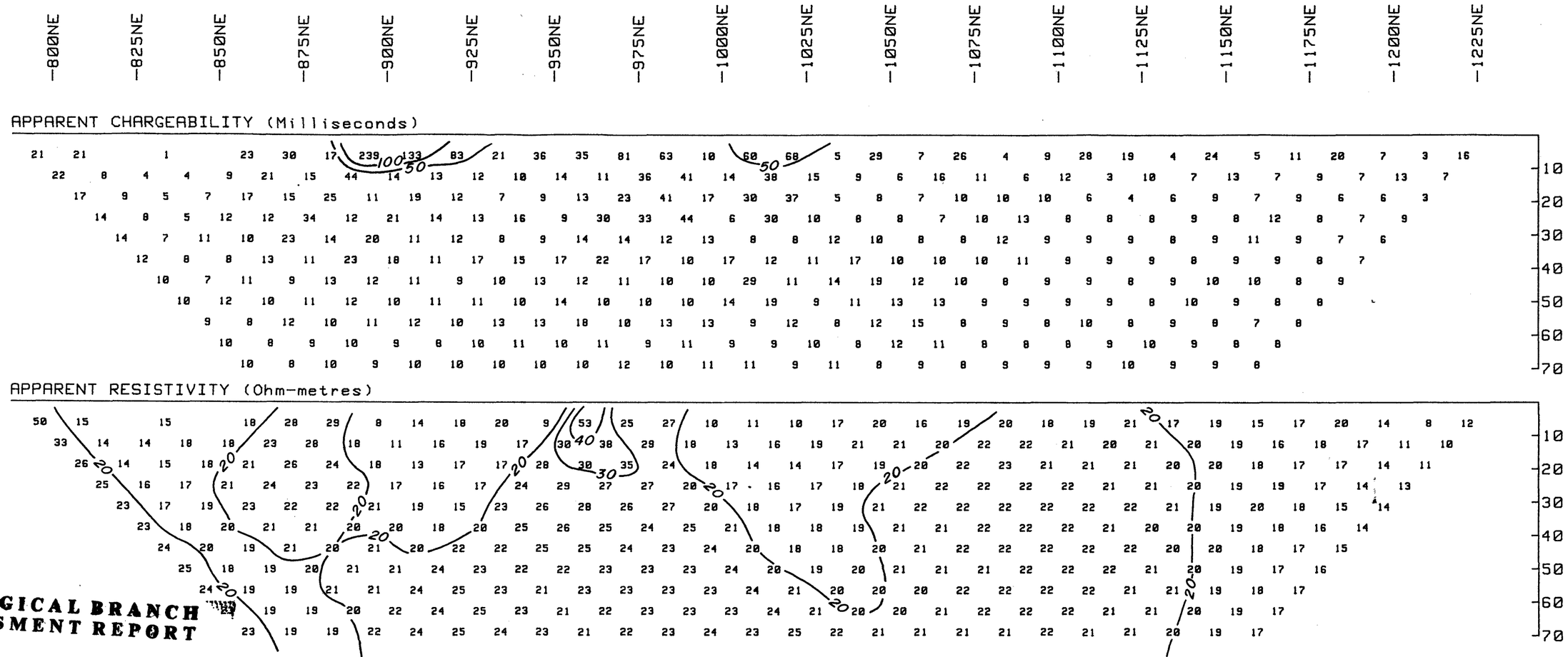
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1250SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 18



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

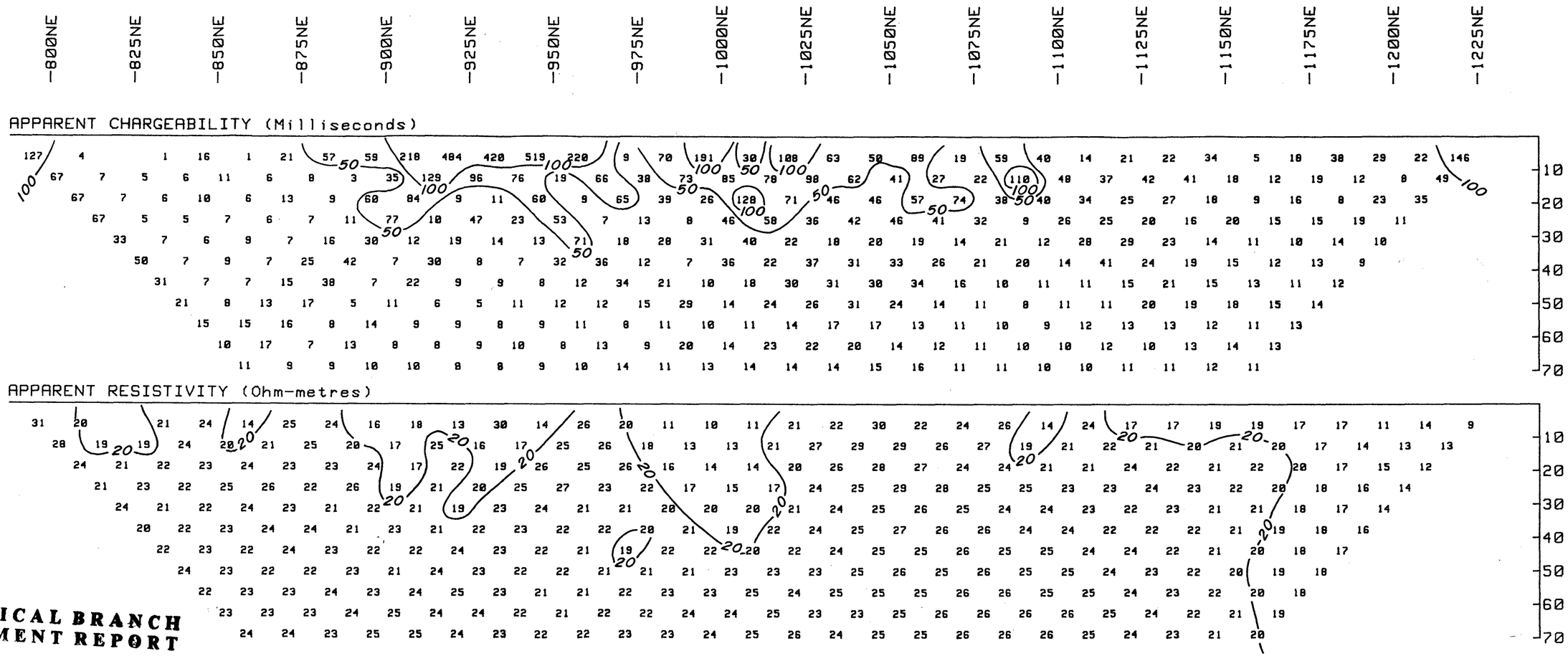
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1300SE

DATE: JULY/86

FIG.: 19



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

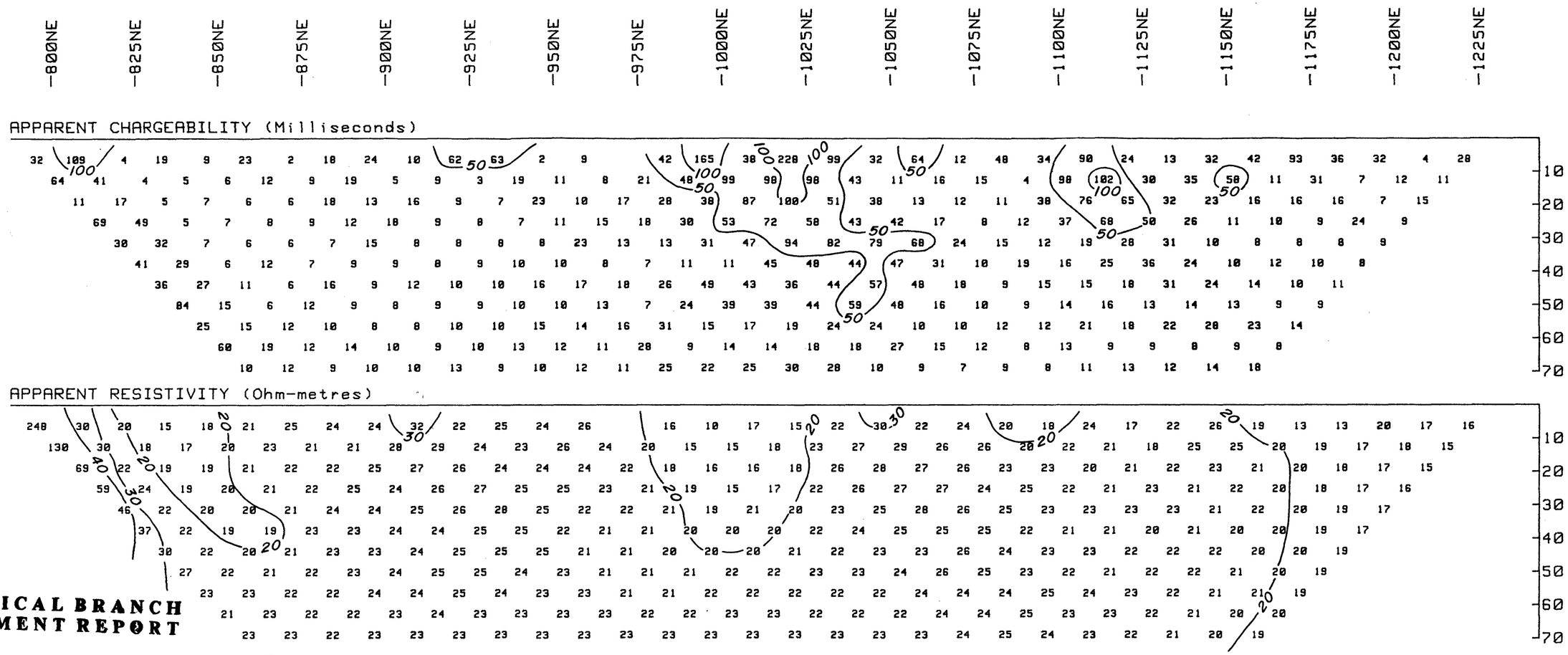
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1350SE

DATE: JULY/86

FIG.: 20



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

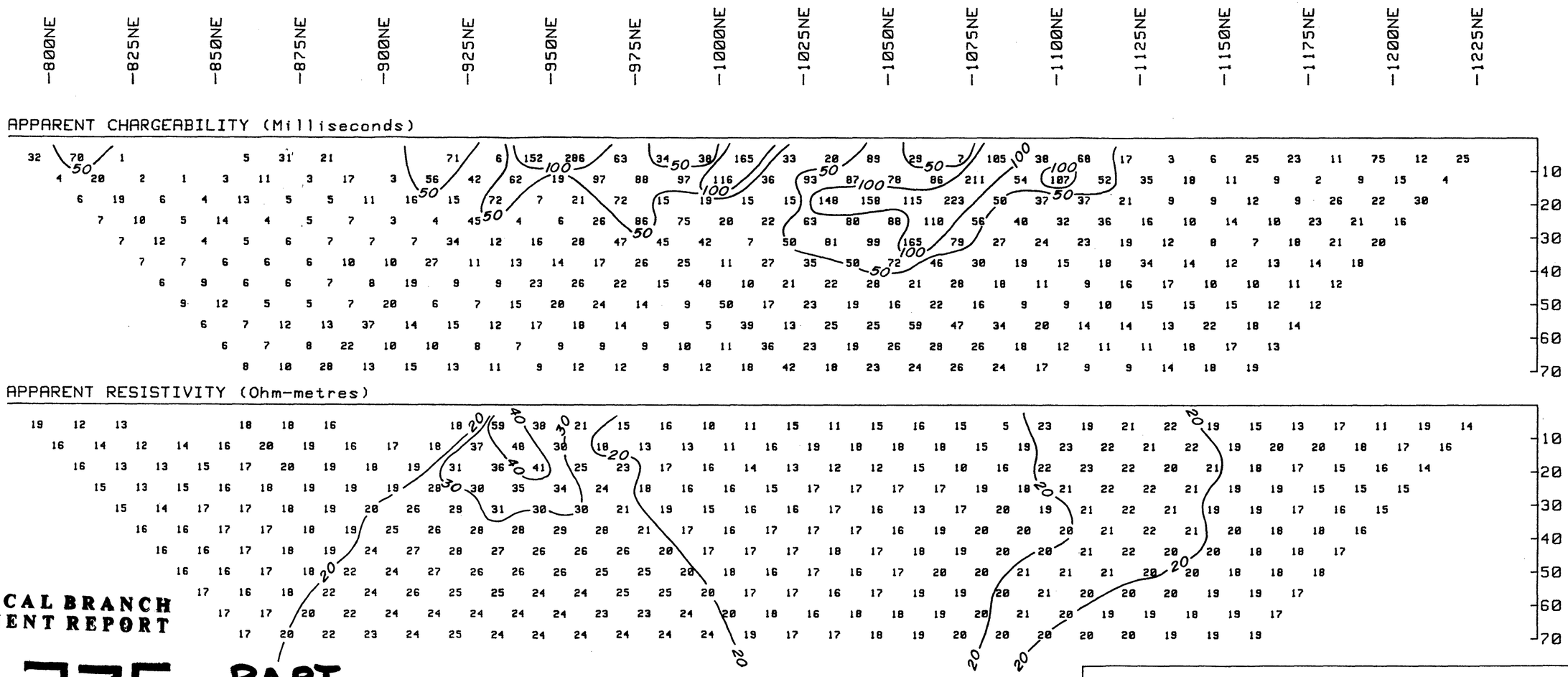
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1400SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 21



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

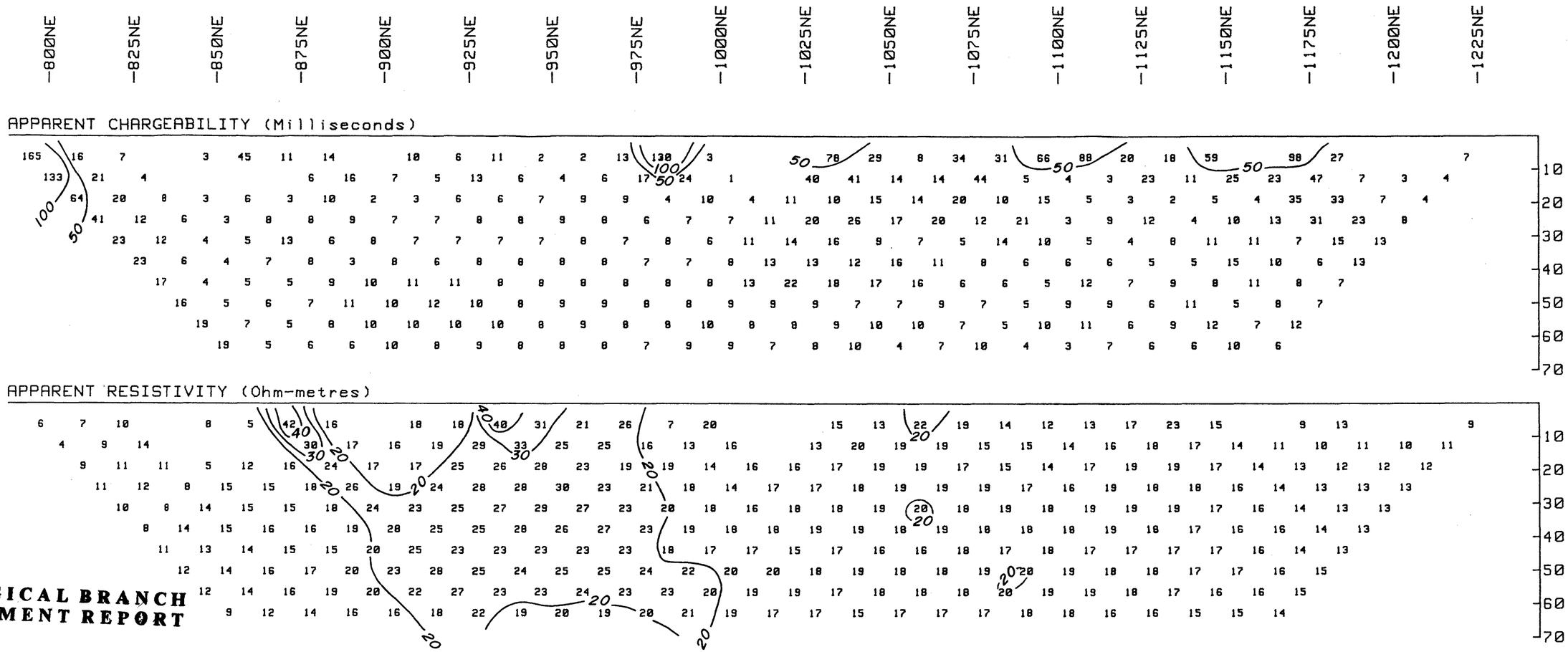
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1450SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 22



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

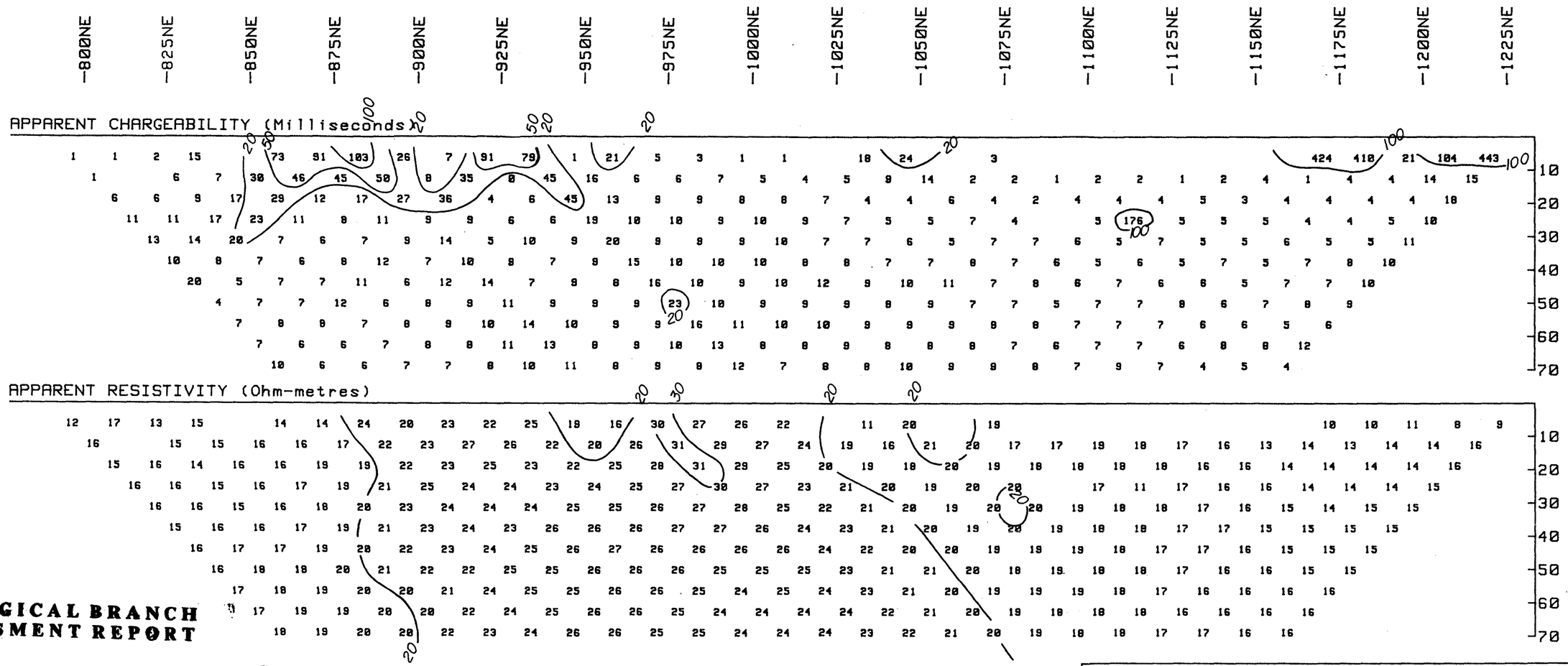
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1500SE

DATE: JULY/86

FIG.: 23



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

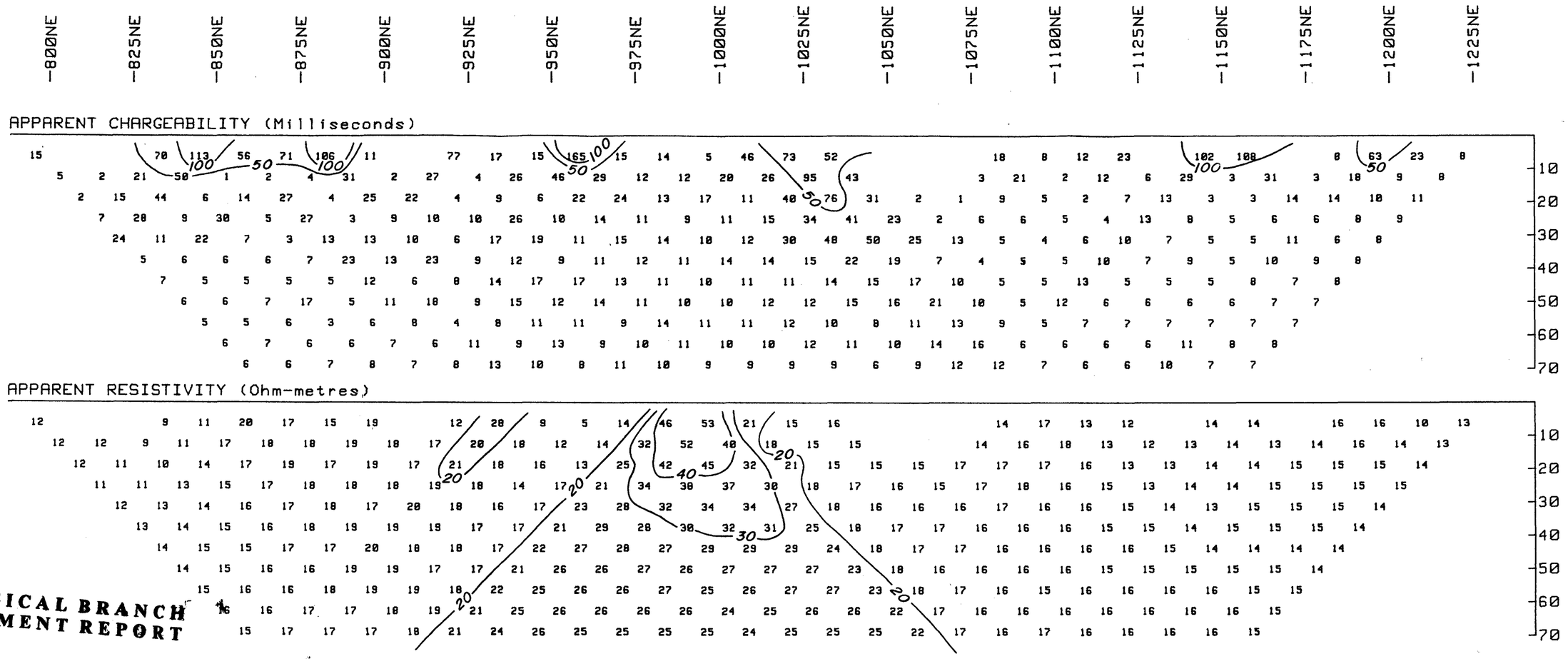
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1550SE

DATE: JULY/86

FIG.: 24



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

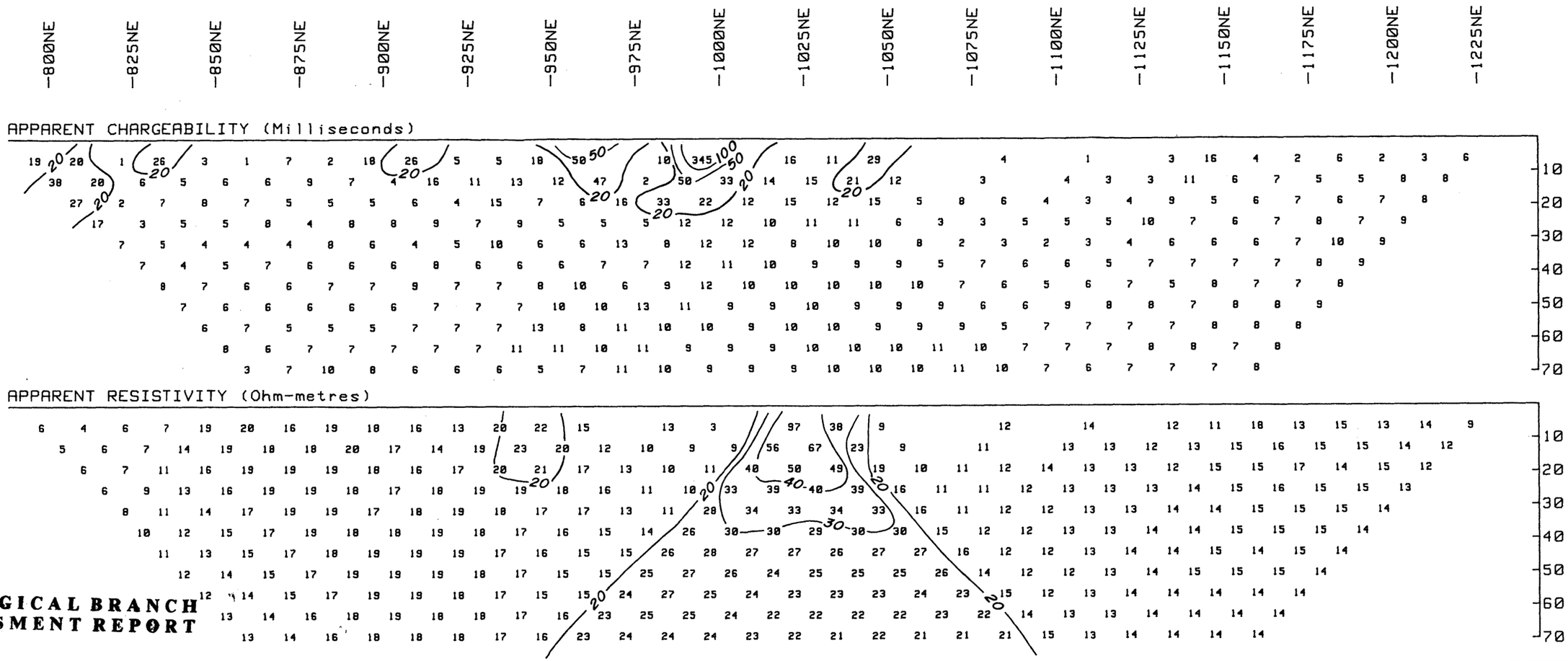
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1600SE

DATE: JULY/86

FIG.: 25



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

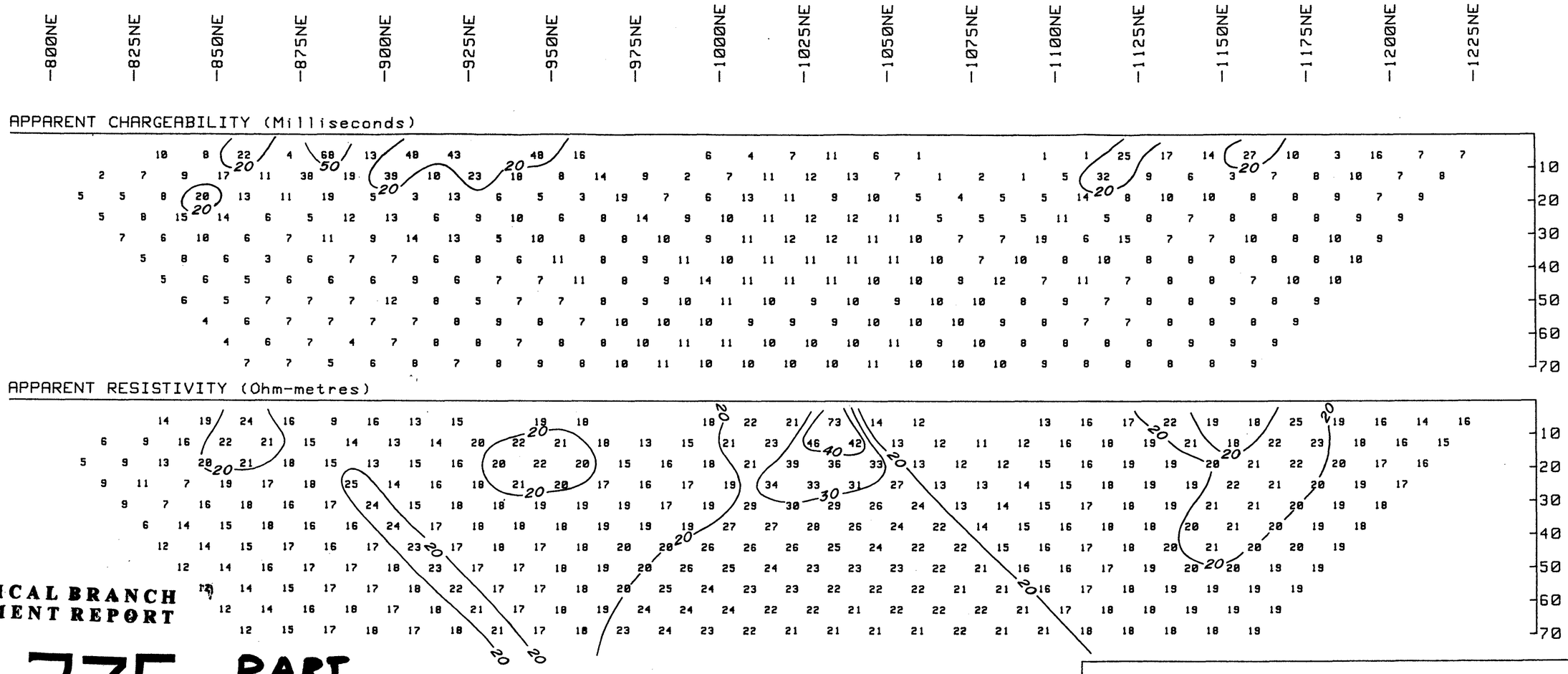
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1650SE

DATE: JULY/86

FIG.: 26



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

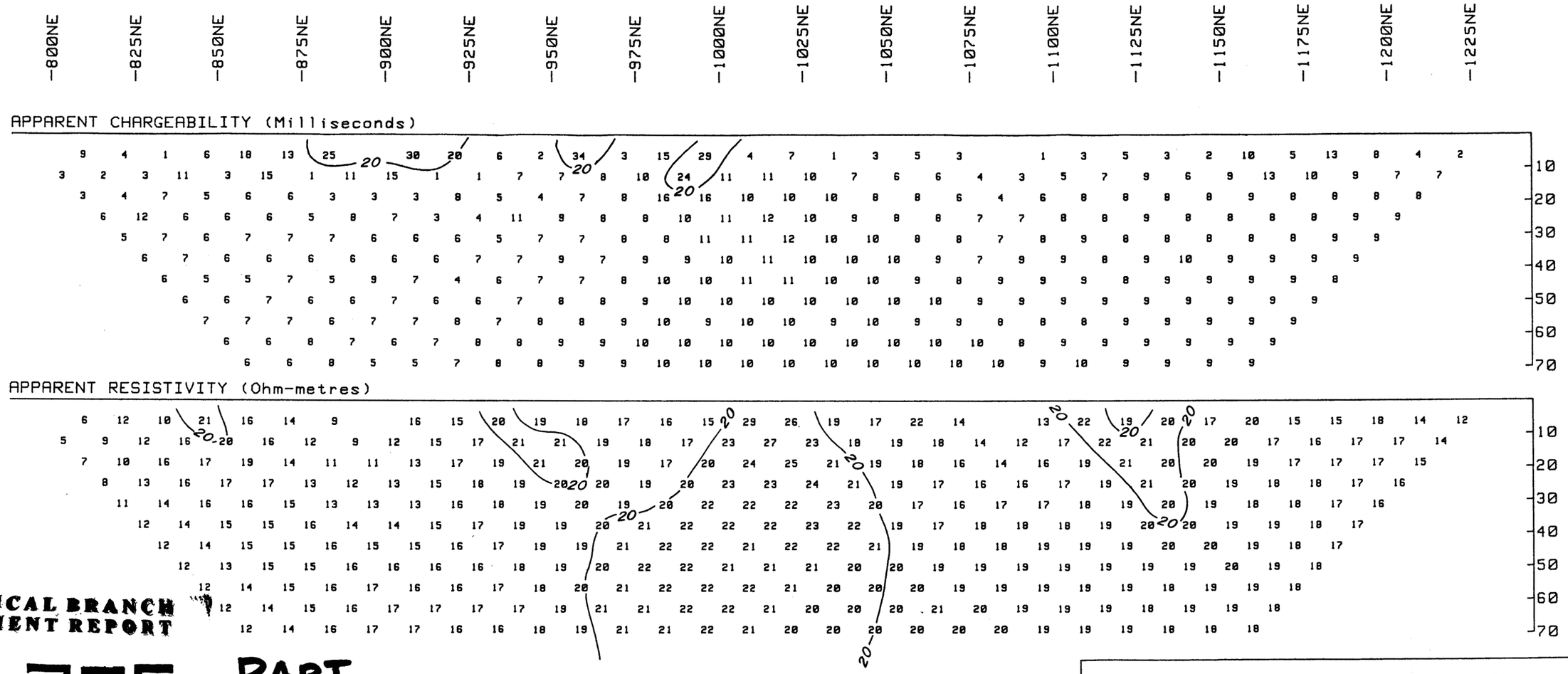
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1700SE

DATE: JULY/86

FIG.: 27



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

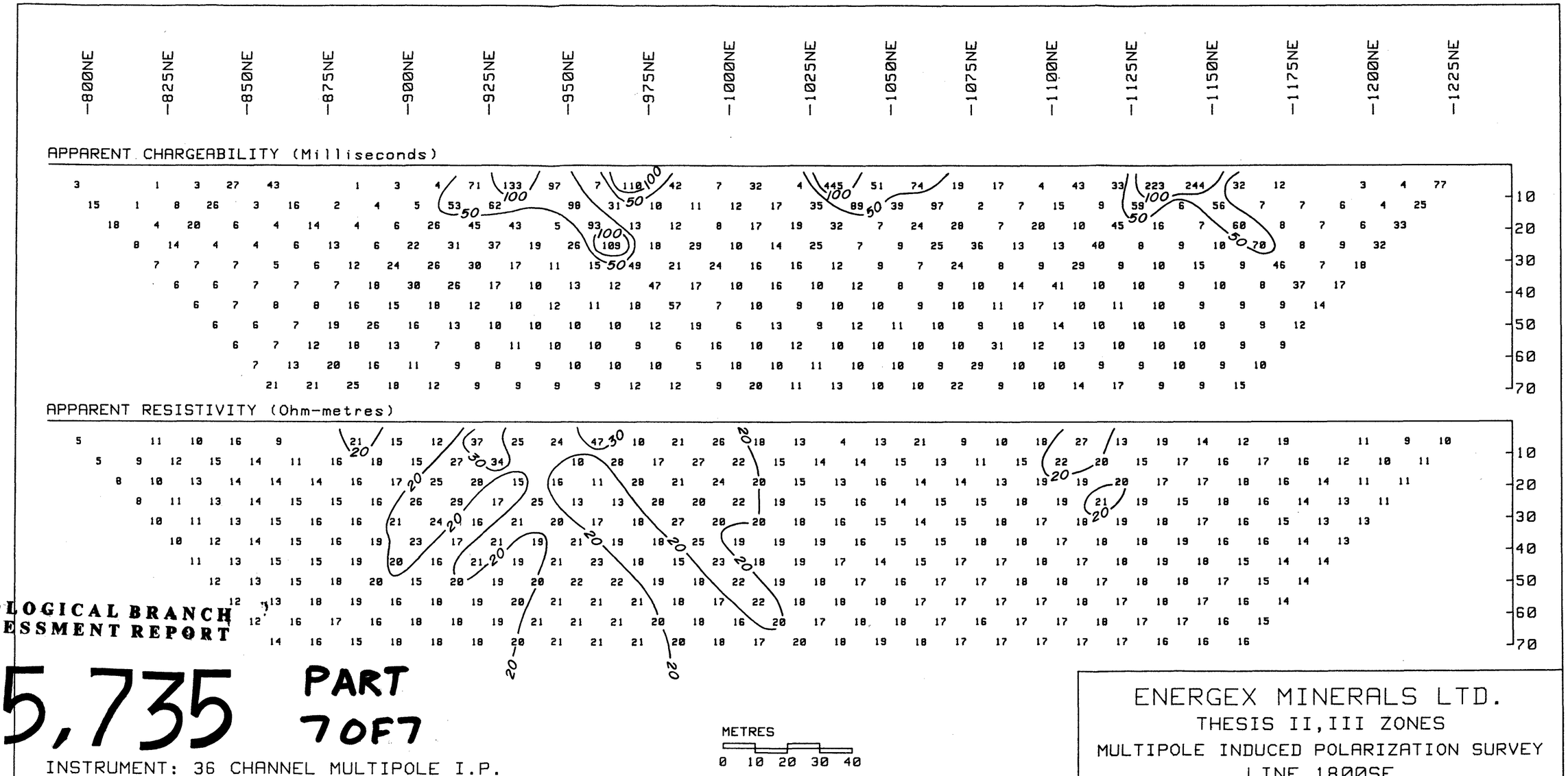
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1750SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 28



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

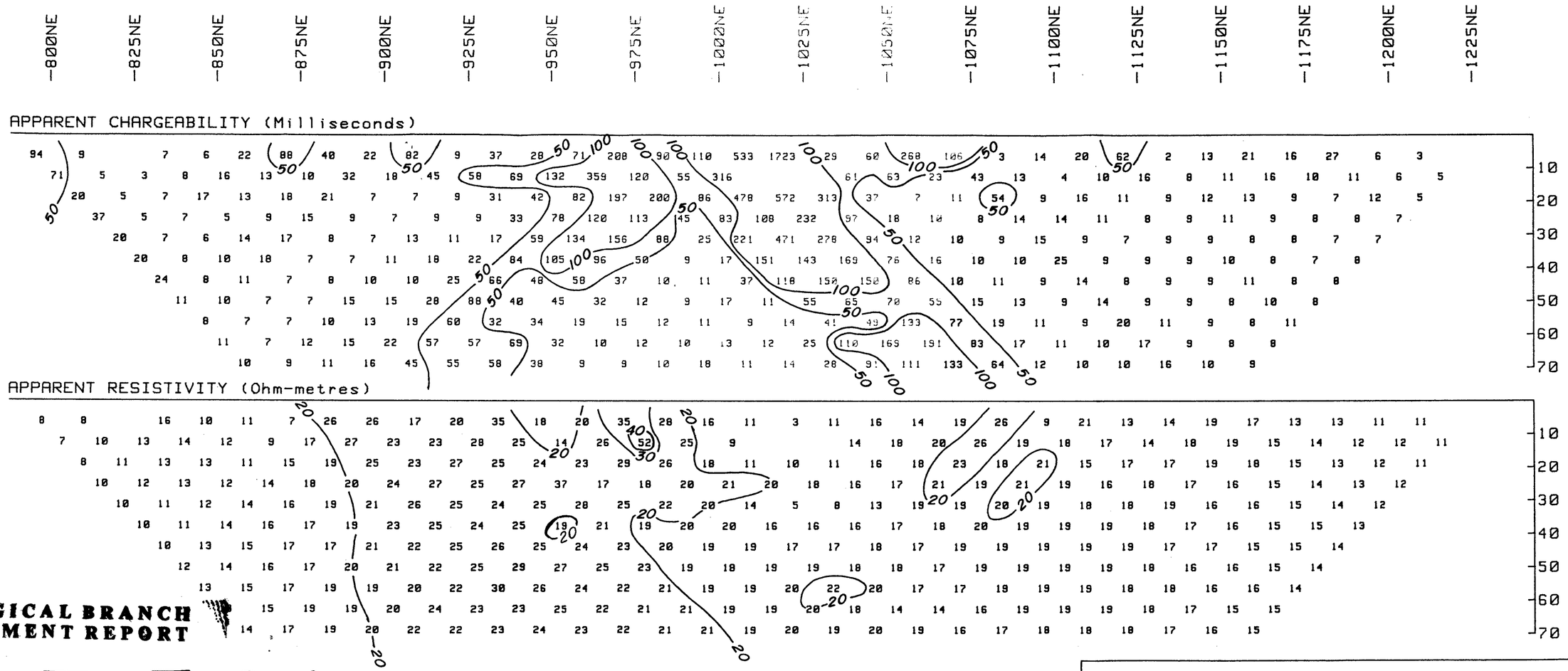
INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1800SE

DATE: JULY/86

FIG.: 29



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

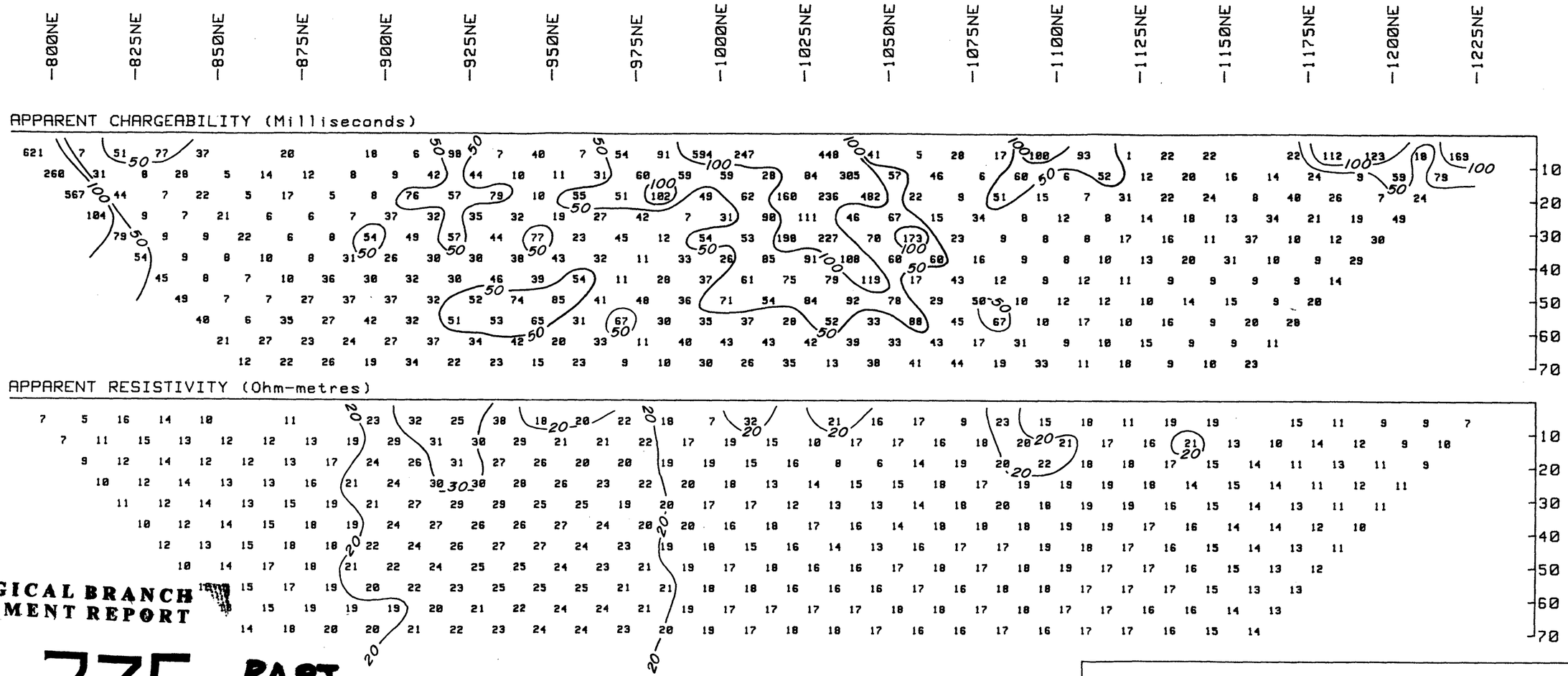
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1850SE

DATE: JULY/86

FIG.: 30



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

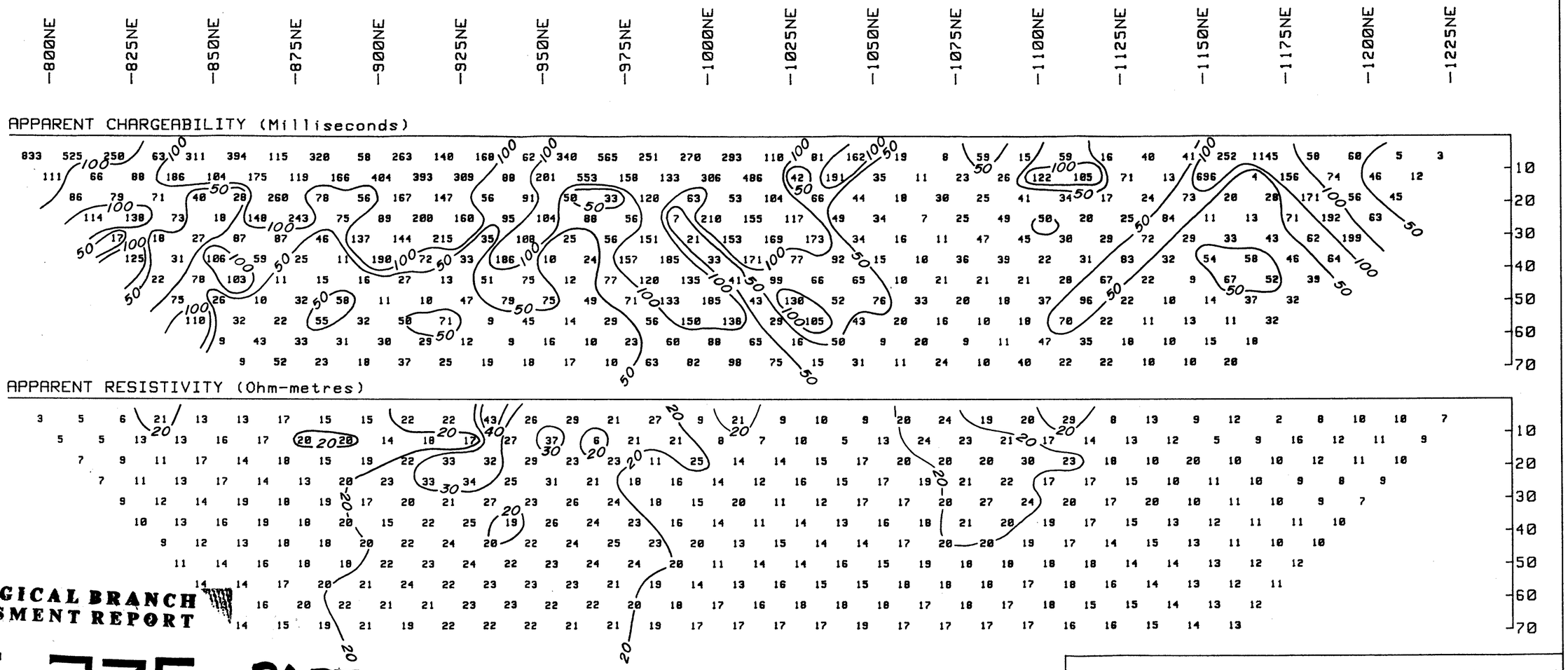
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1900SE

DATE: JULY/86

FIG.: 31



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

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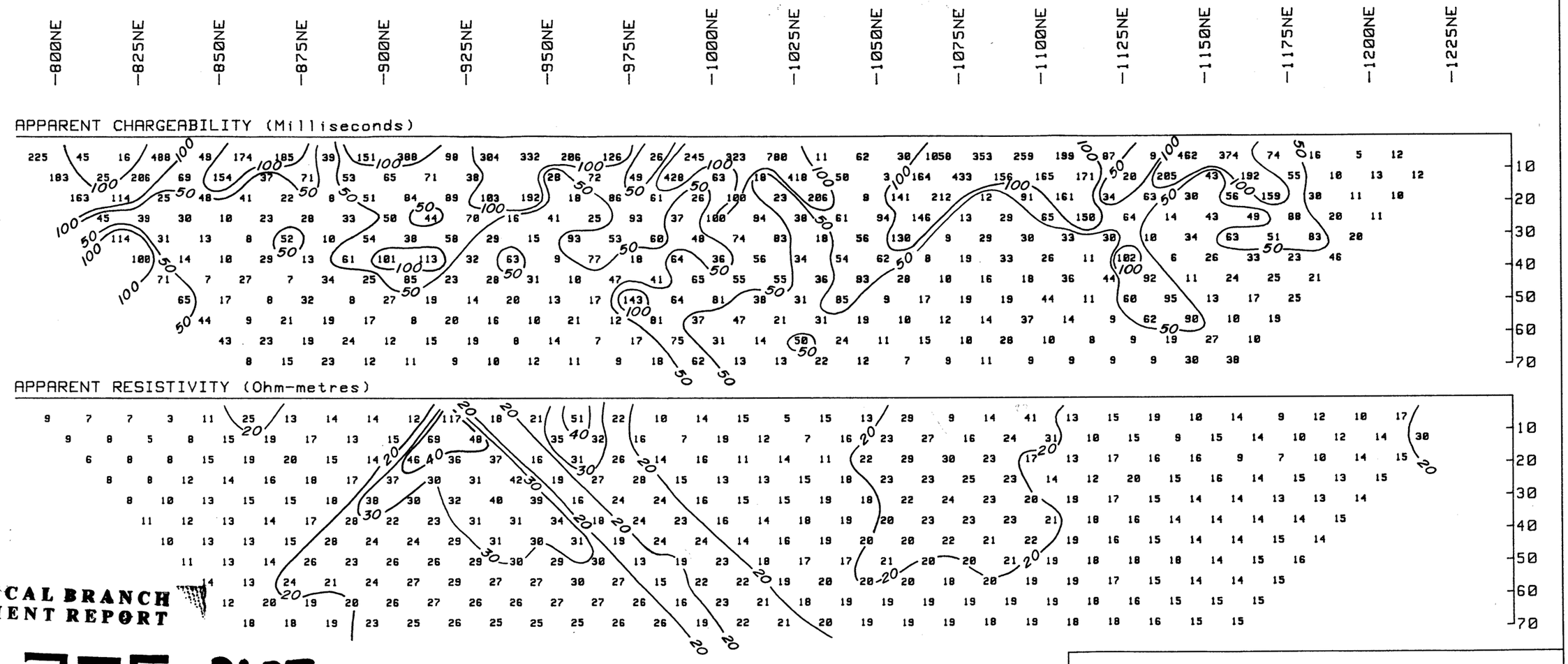
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 1950SE

DATE: JULY/86

FIG.: 32



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

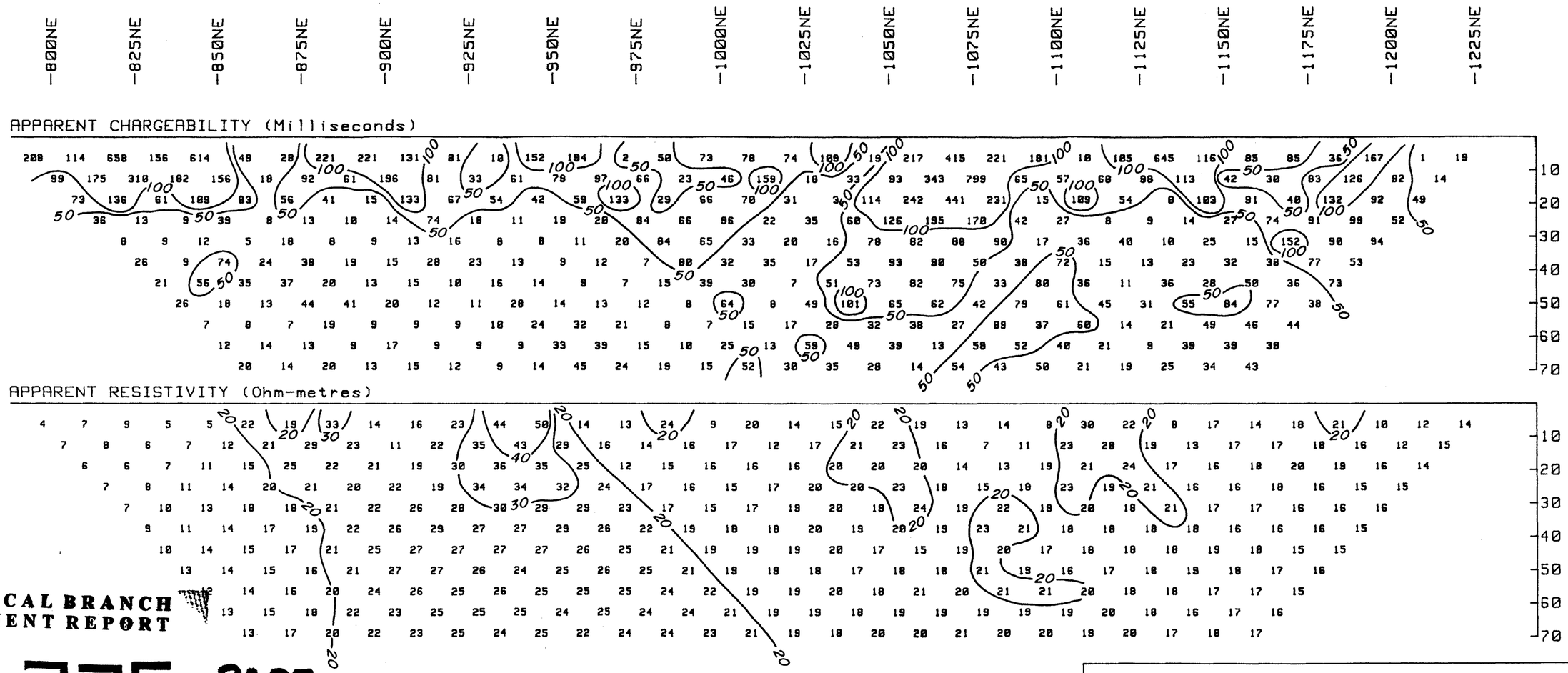
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2000SE

DATE: JULY/86

FIG.: 33



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

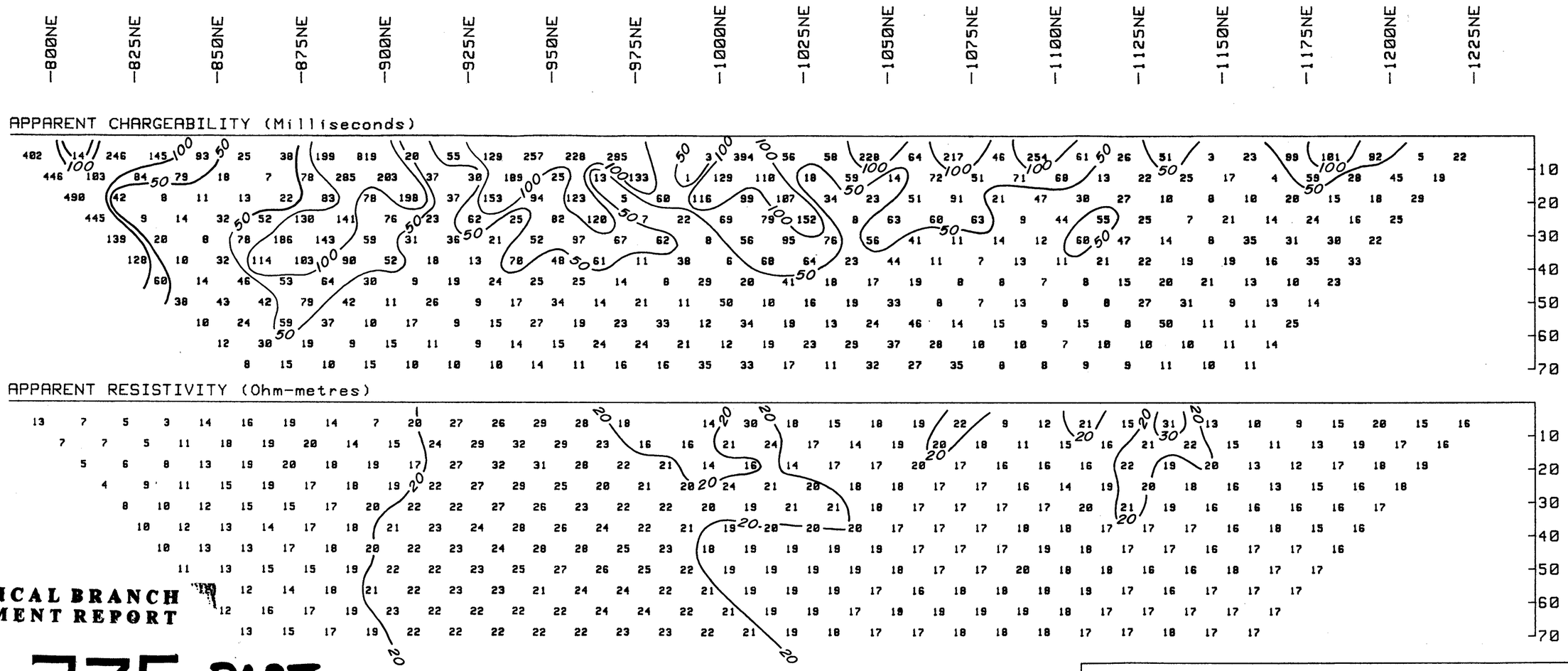
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2050SE

DATE: JULY/86

FIG.: 34



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

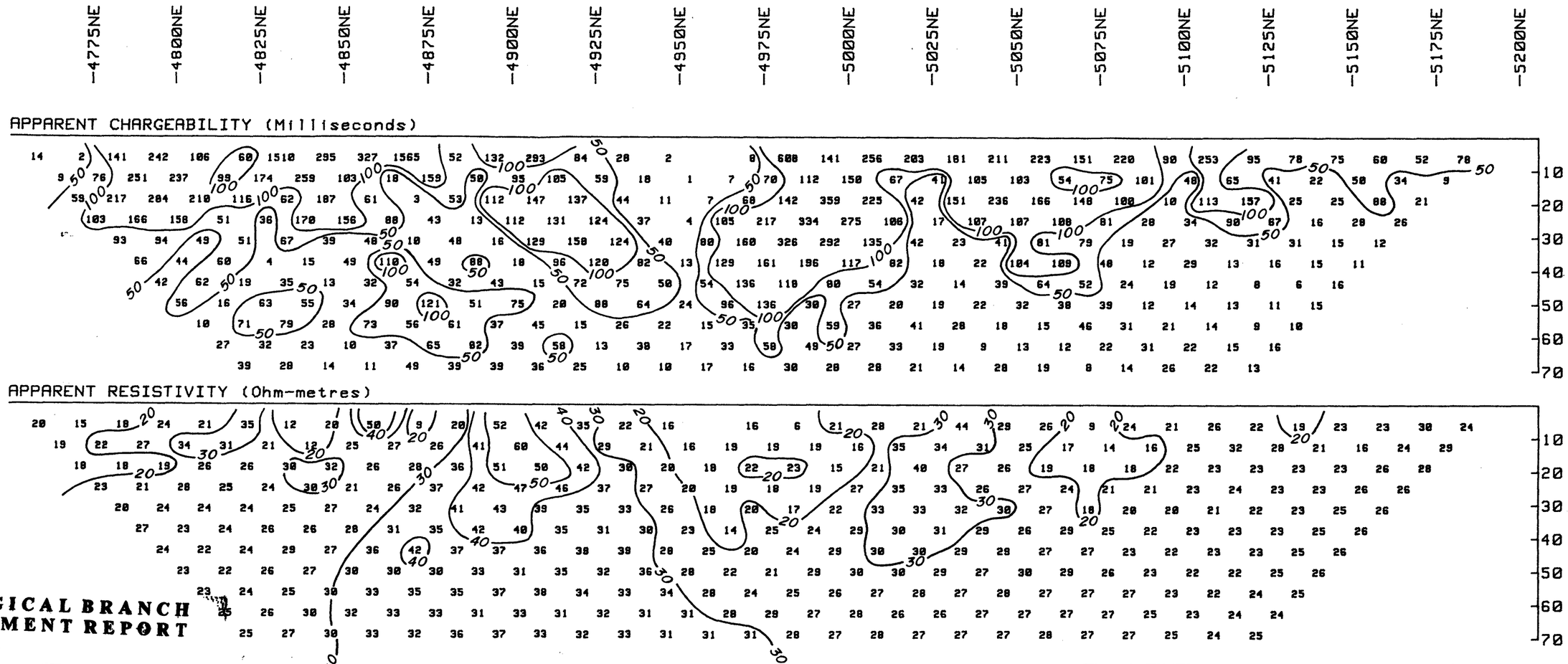
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
THESIS II, III ZONES
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2100SE

DATE: JULY/86

FIG.: 35



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

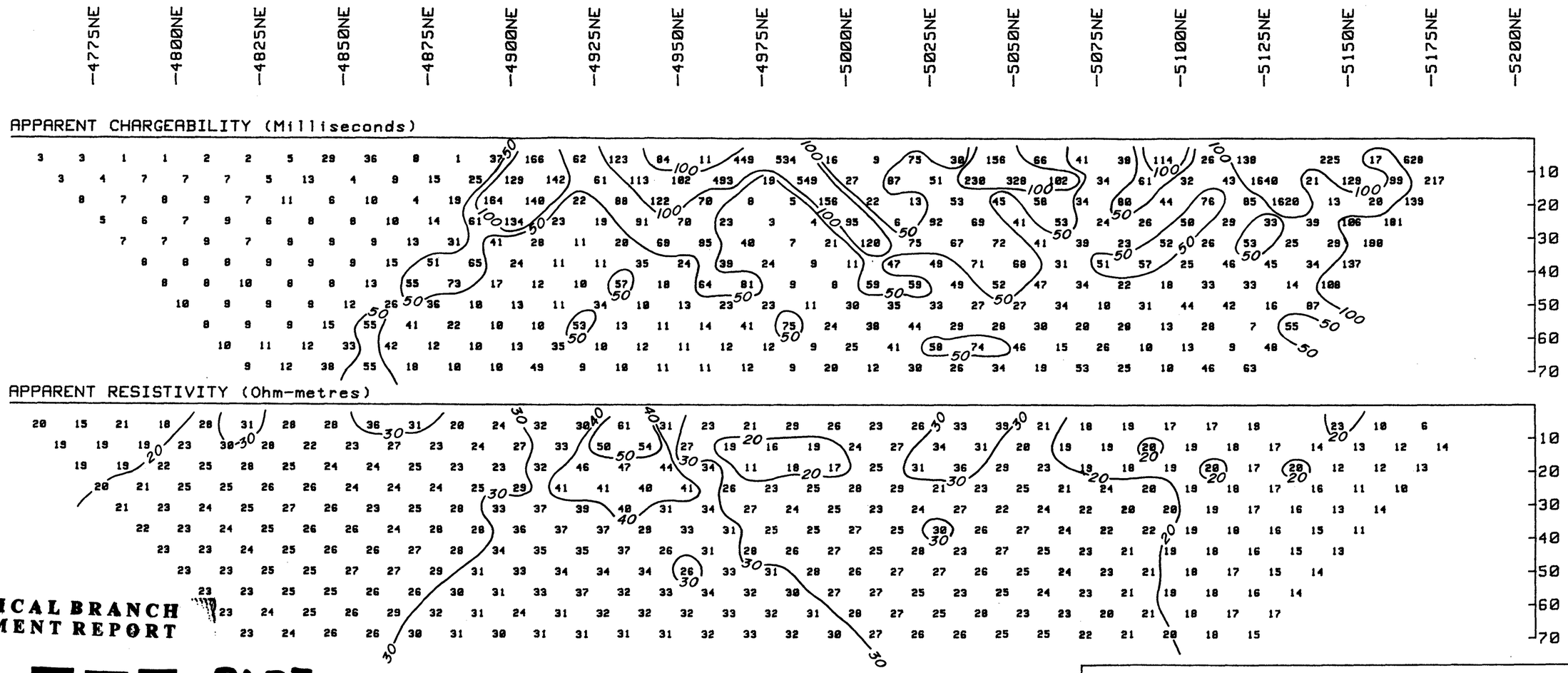
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 4750NW

DATE: JULY/86

FIG.: 36



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

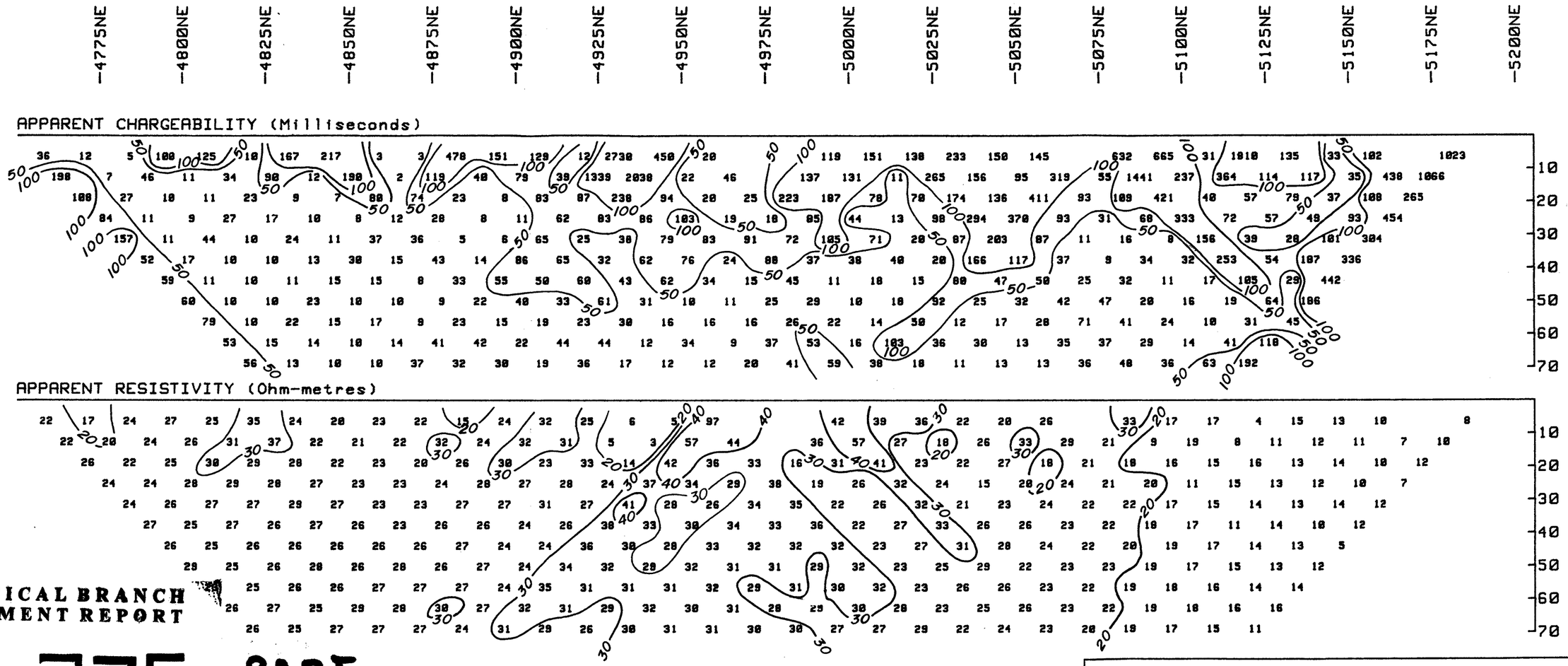
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 4800NW

DATE: JULY/86

FIG.: 37



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

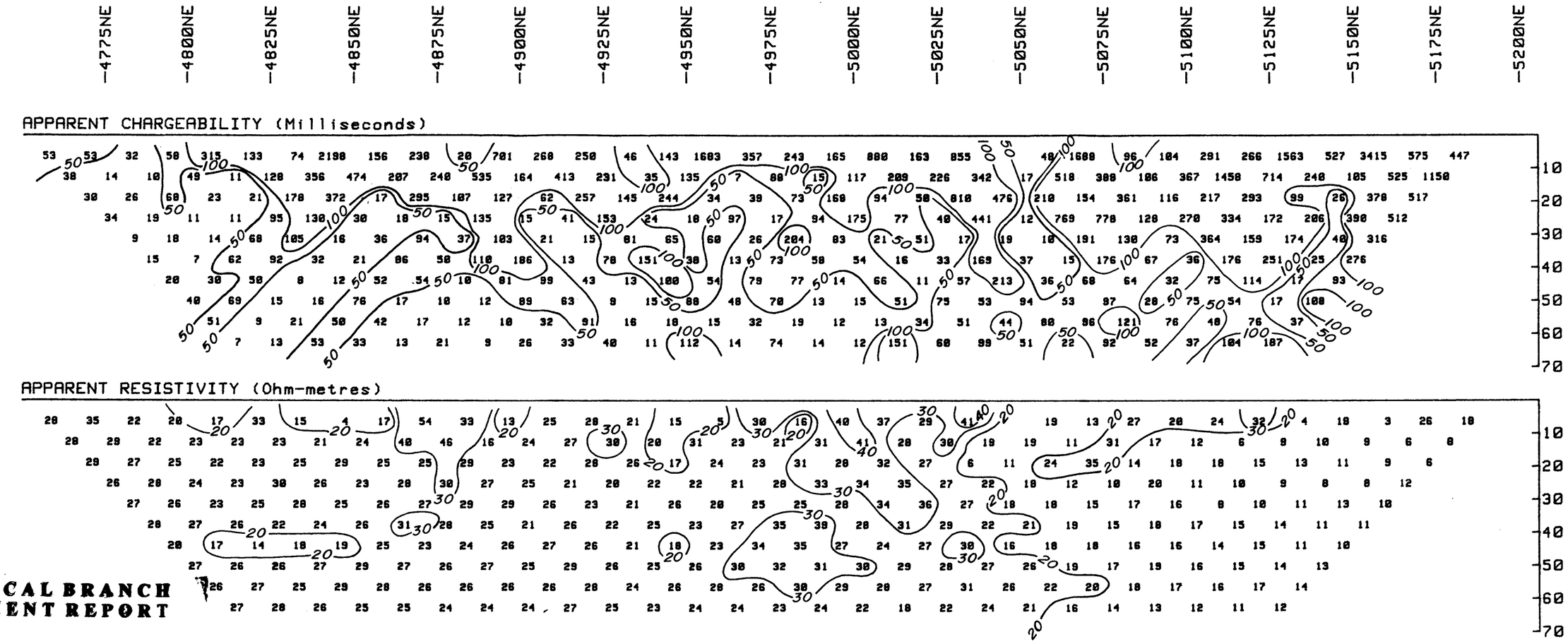
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 4850NW

DATE: JULY/86

FIG.: 38



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

METRES
0 10 20 30 40

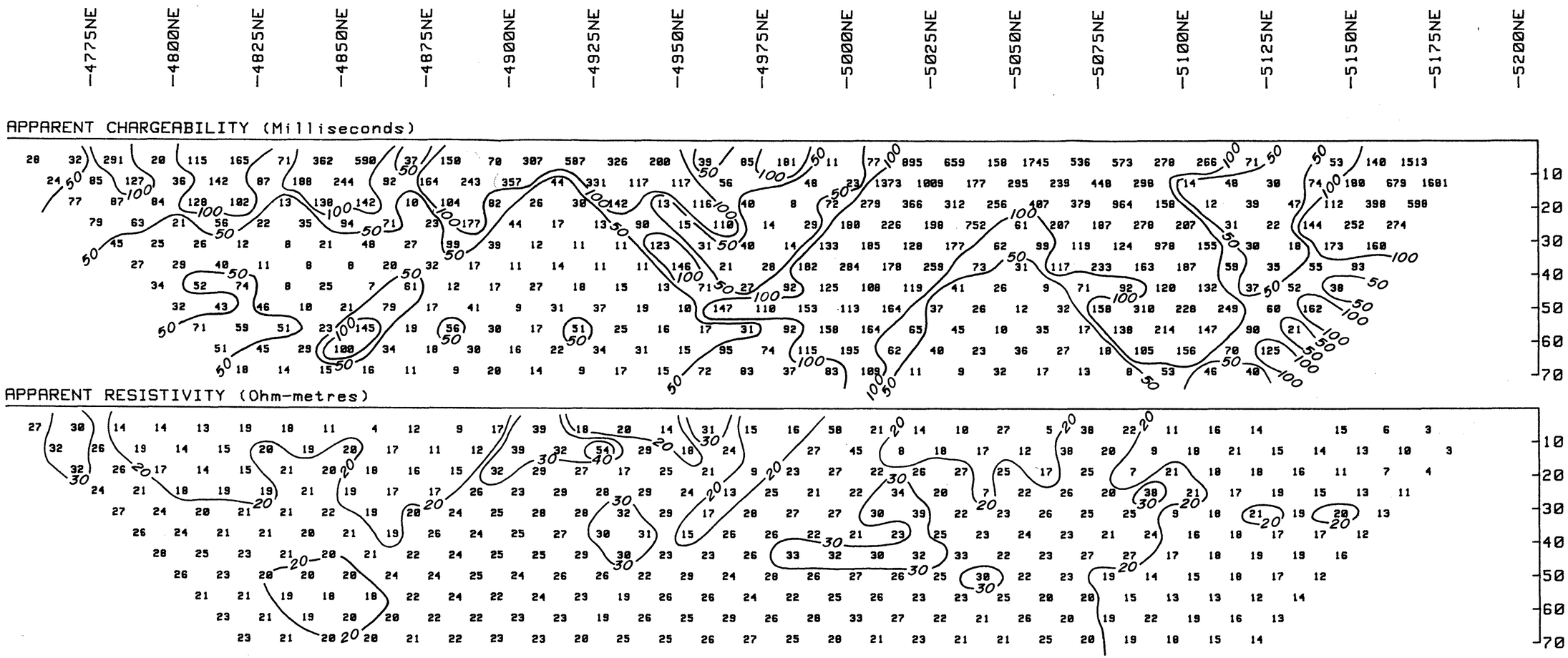
WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 4900NW

DATE: JULY/86

FIG.: 39

GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,735
PART
7 OF 7



METRES
0 10 20 30 40

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

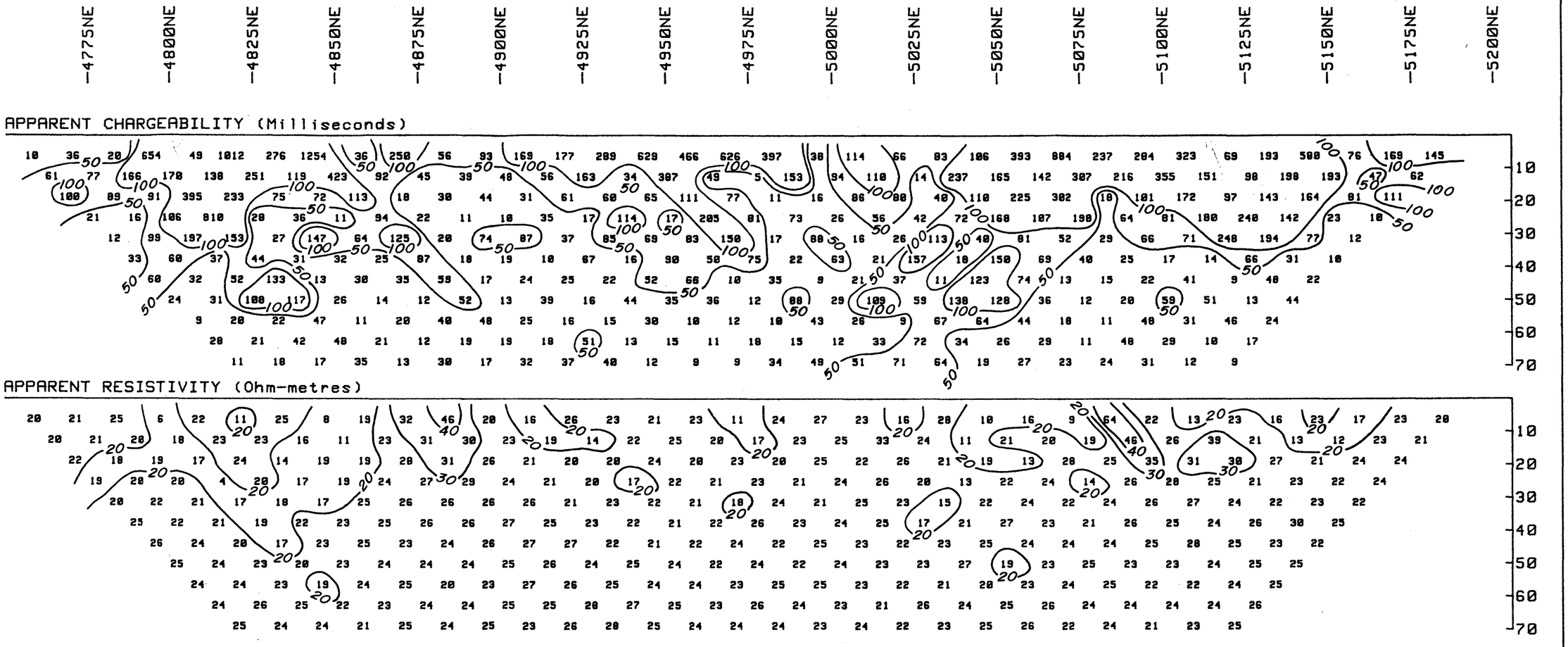
WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 4950NW

DATE: JULY/86

FIG.: 40

GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,735
PART
7 OF 7



INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

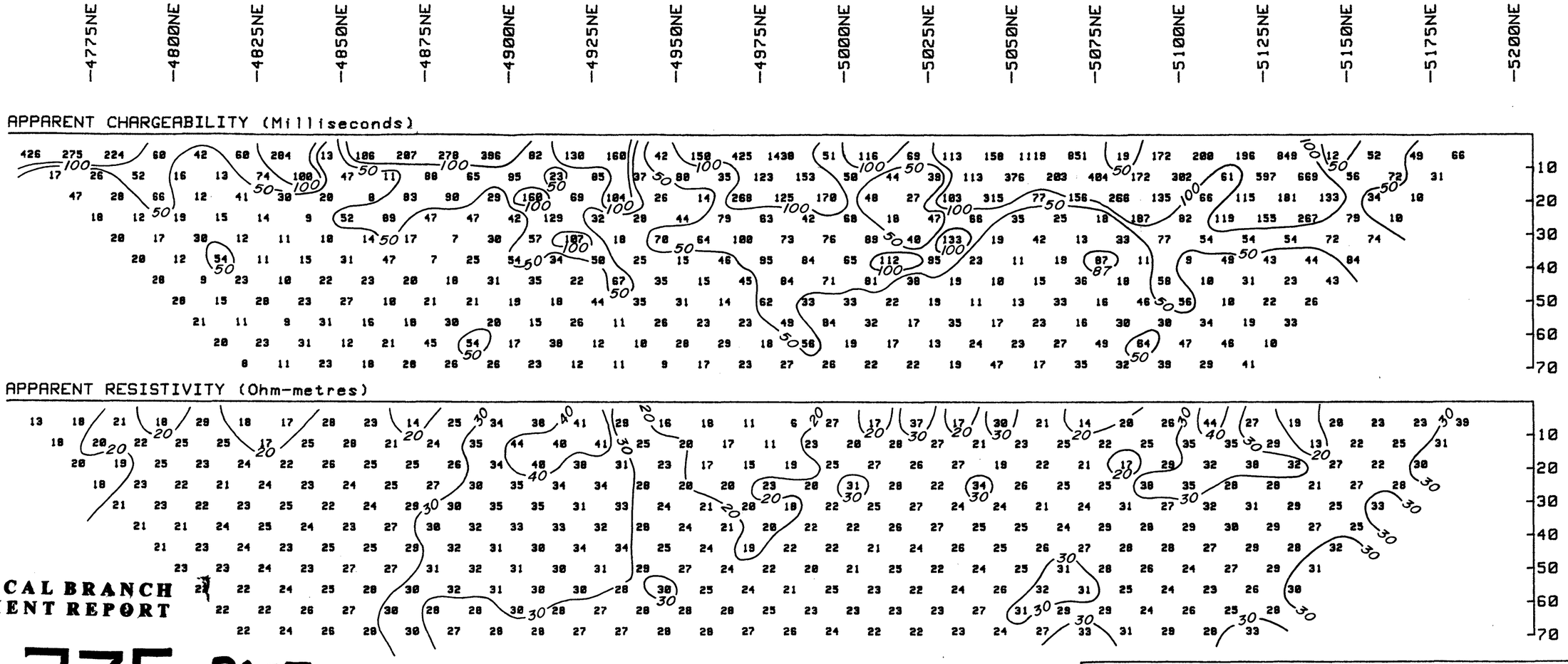
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 5000NW

DATE: JULY/86

FIG.: 41



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

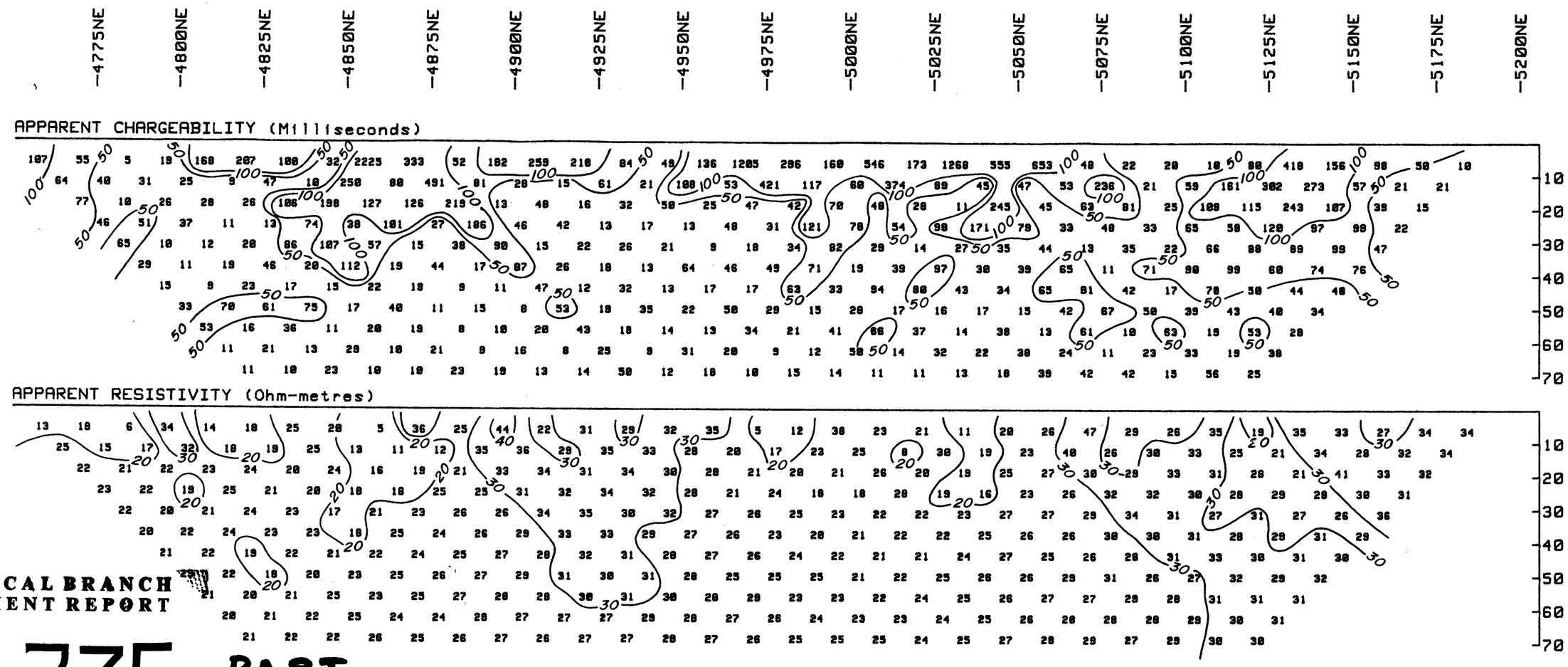
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 5050NW

DATE: JULY/86

FIG.: 42



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

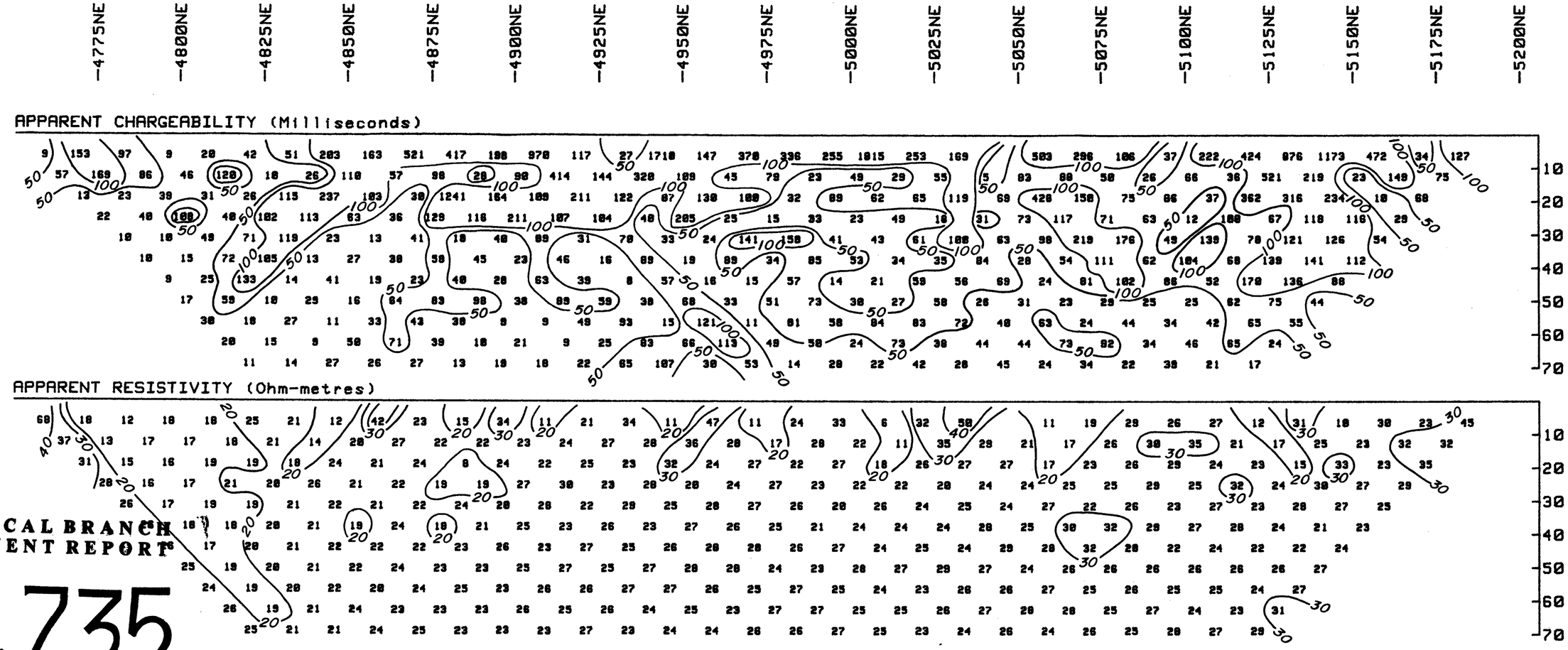
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 5100NW

DATE: JULY/86

FIG.: 43



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

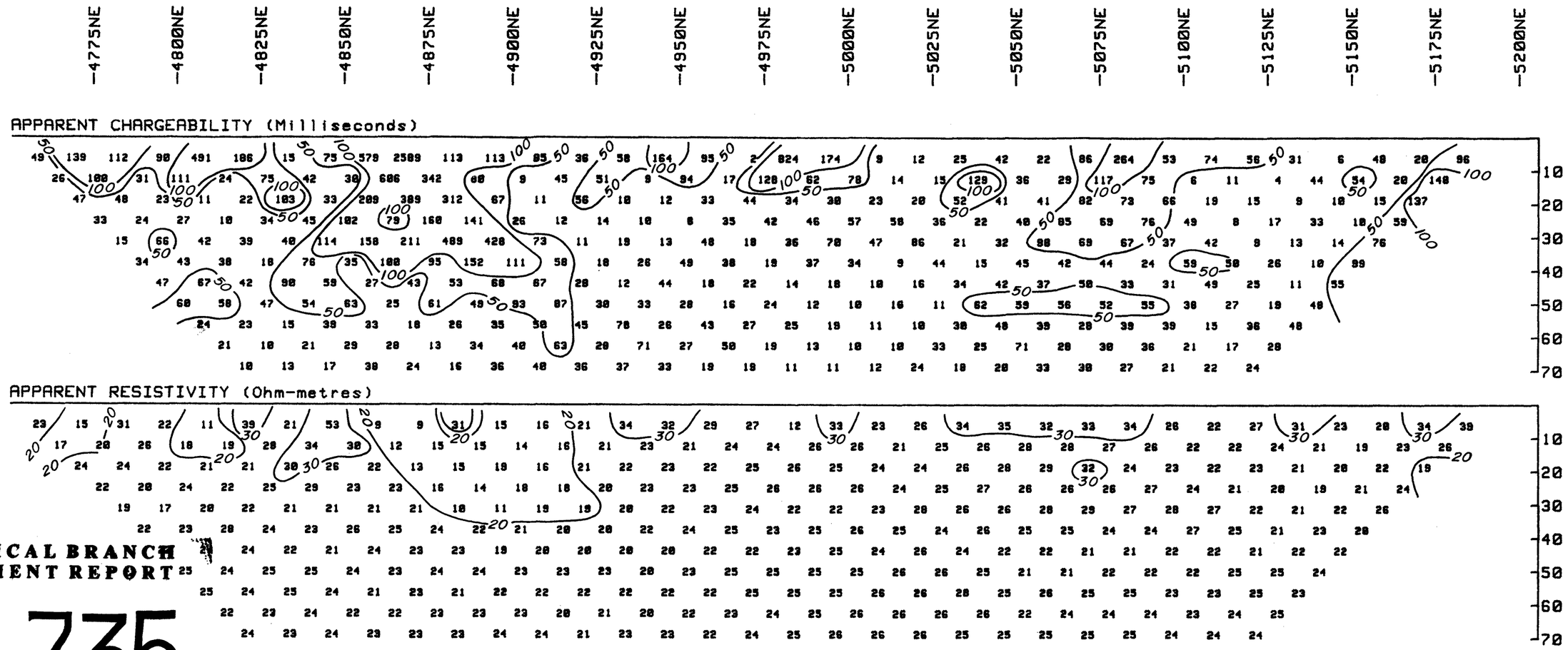
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 5150NW

DATE: JULY/86

FIG.: 44



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735
PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

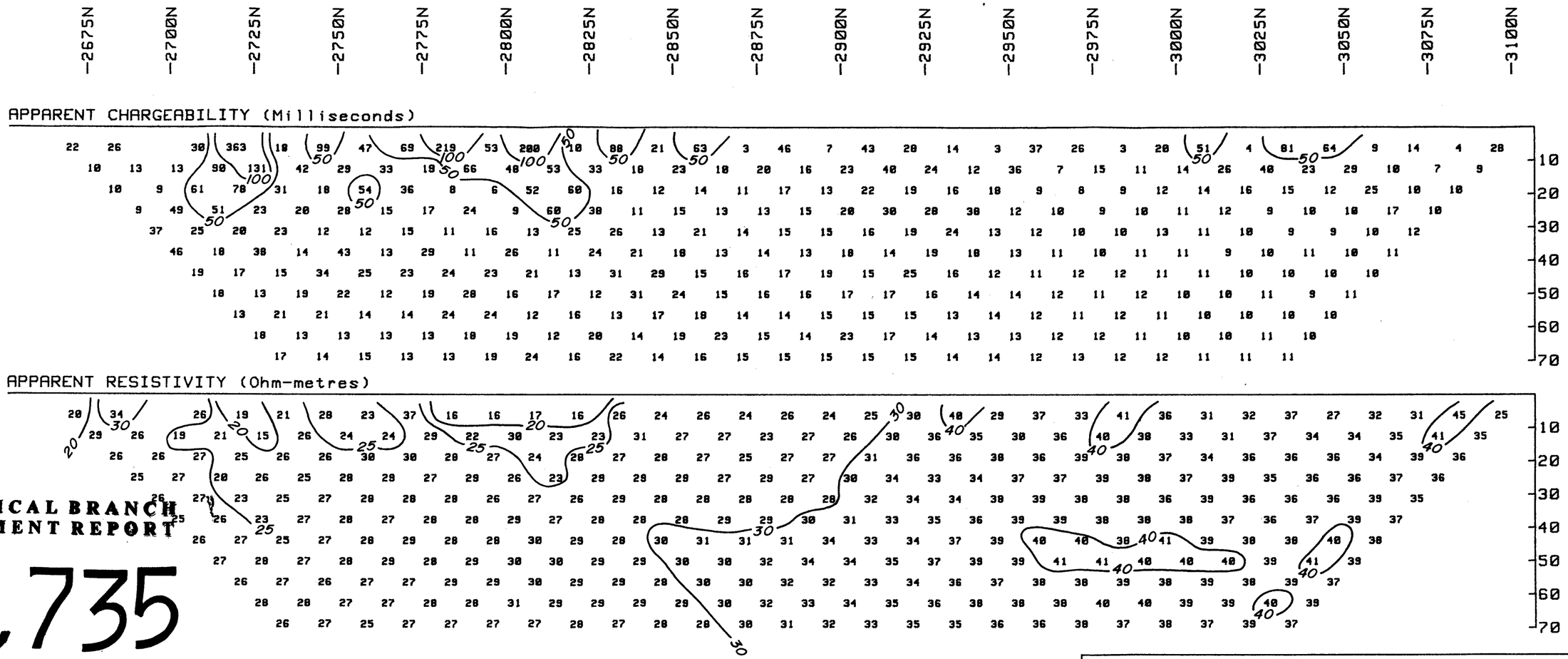
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
BONANZA RIDGE ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 5200NW

DATE: JULY/86

FIG.: 45



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

METRES
0 10 20 30 40

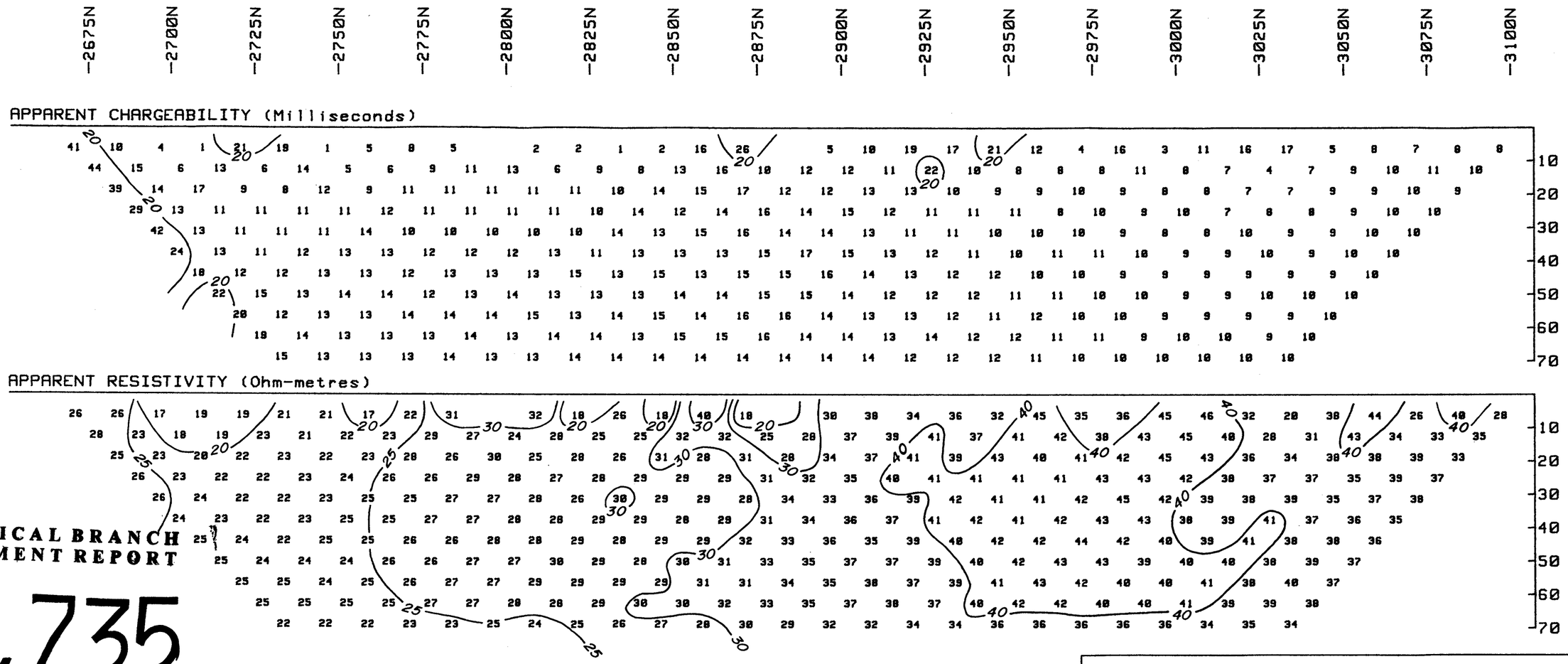
INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 3050N

DATE: JULY/86

FIG.: 46



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

METRES
0 10 20 30 40

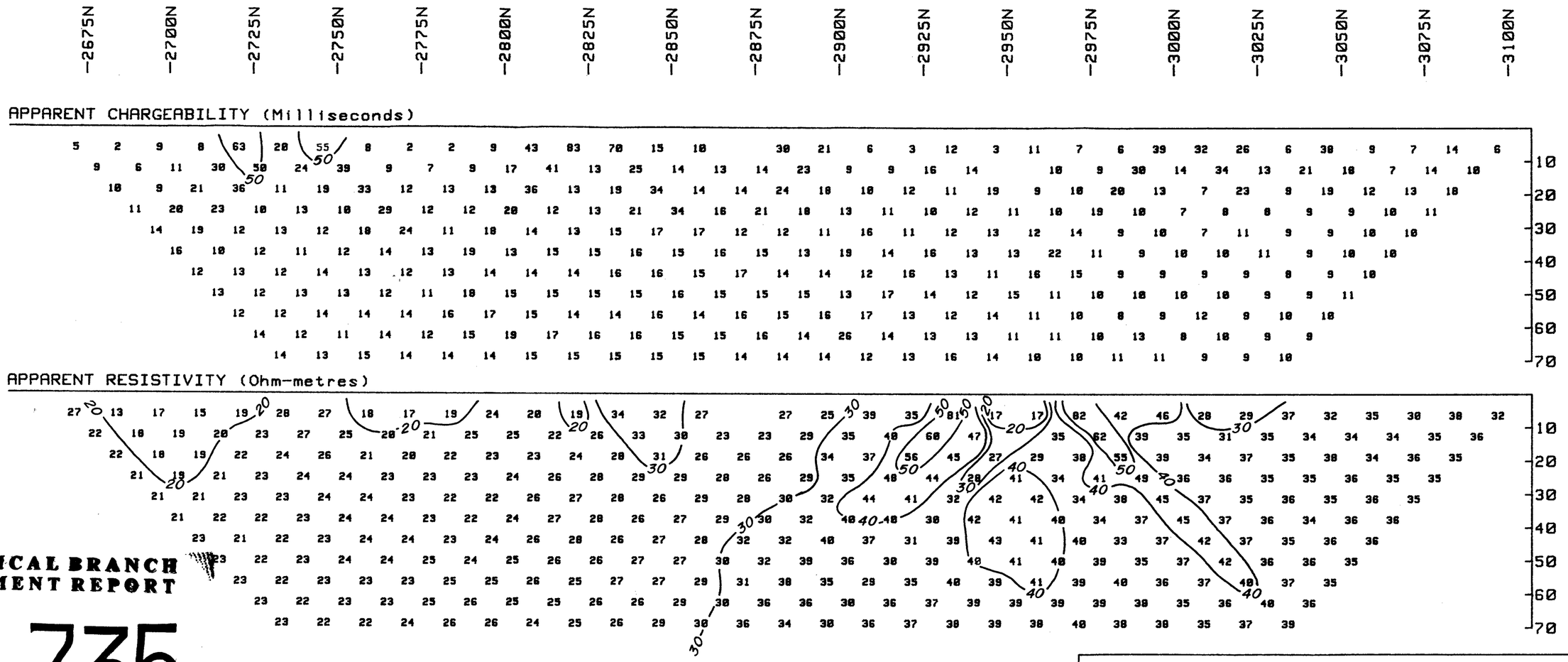
INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 3100E

DATE: JULY/86

FIG.: 47



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735
PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

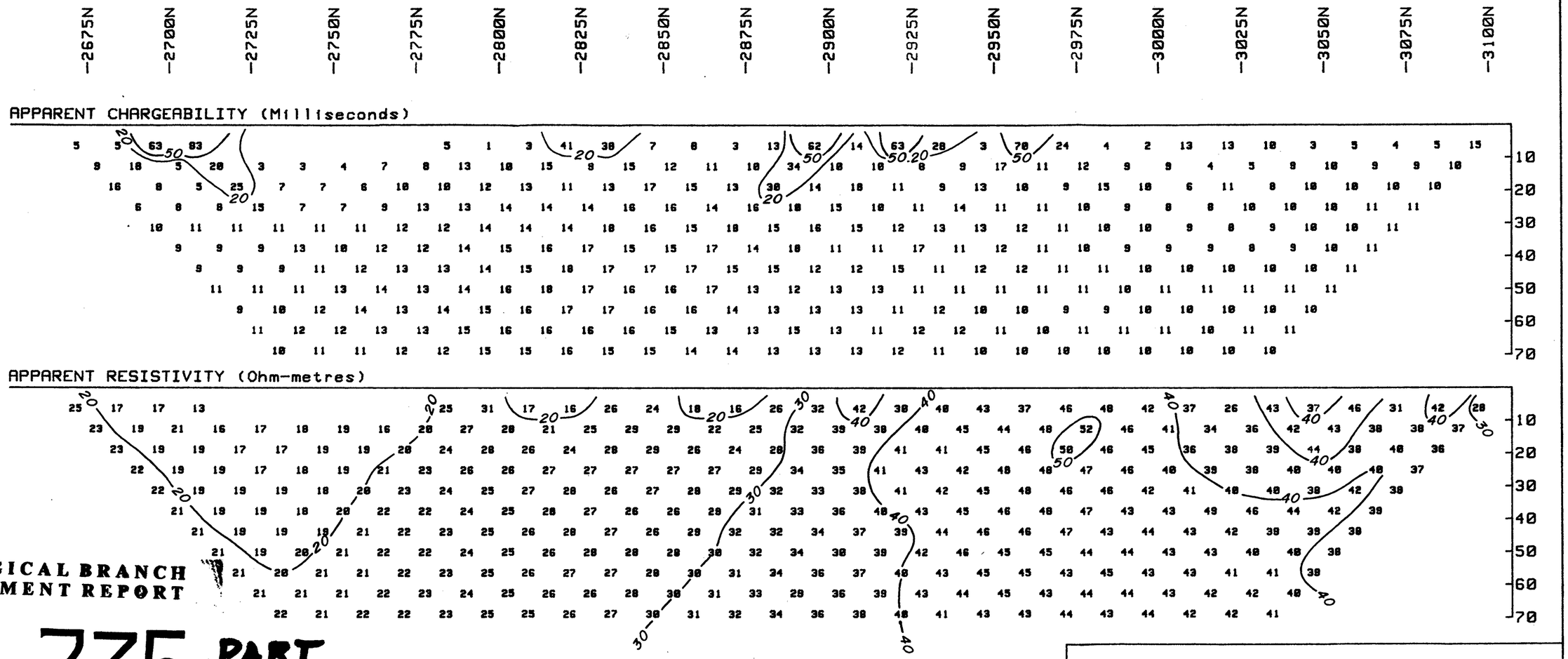
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 3150E

DATE: JULY/86

FIG.: 48



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

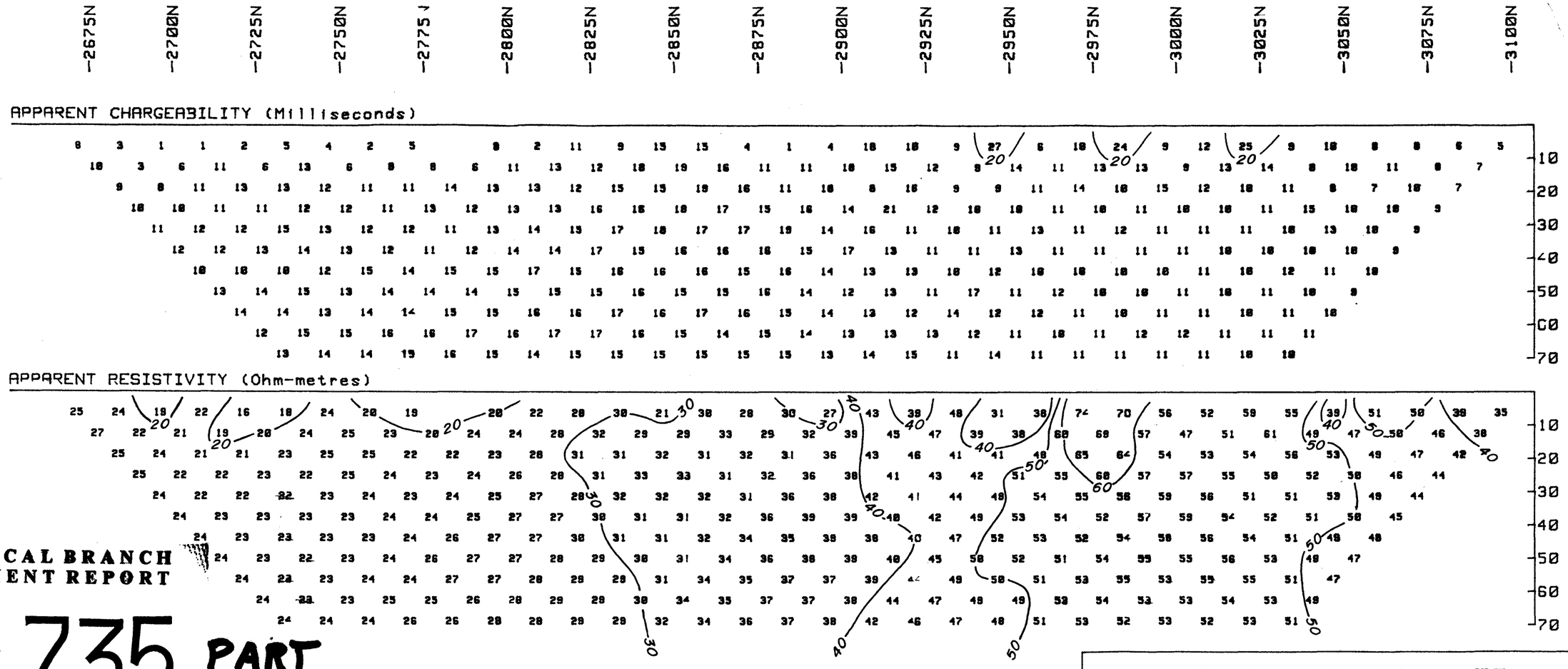
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 3200E

DATE: JULY/86

FIG.: 49



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

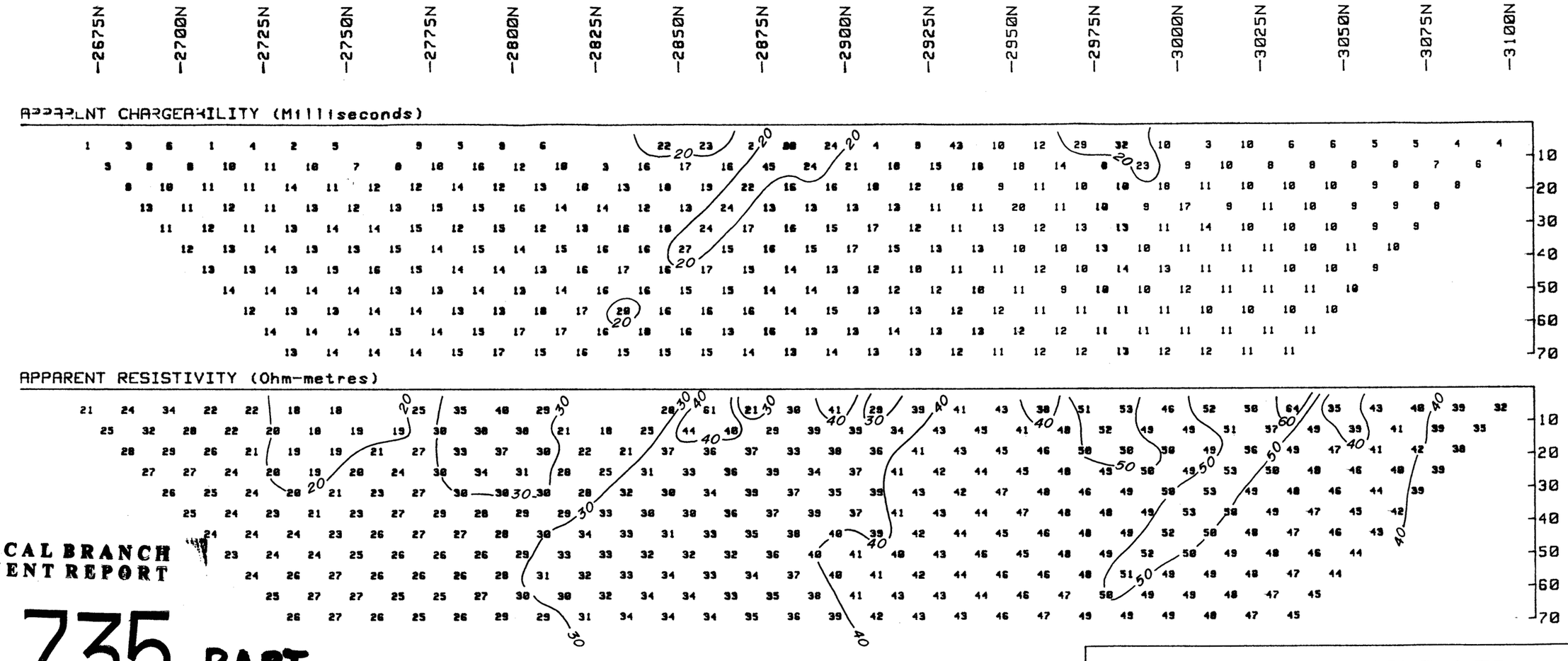
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 3250E

DATE: JULY/86

FIG.: 50



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

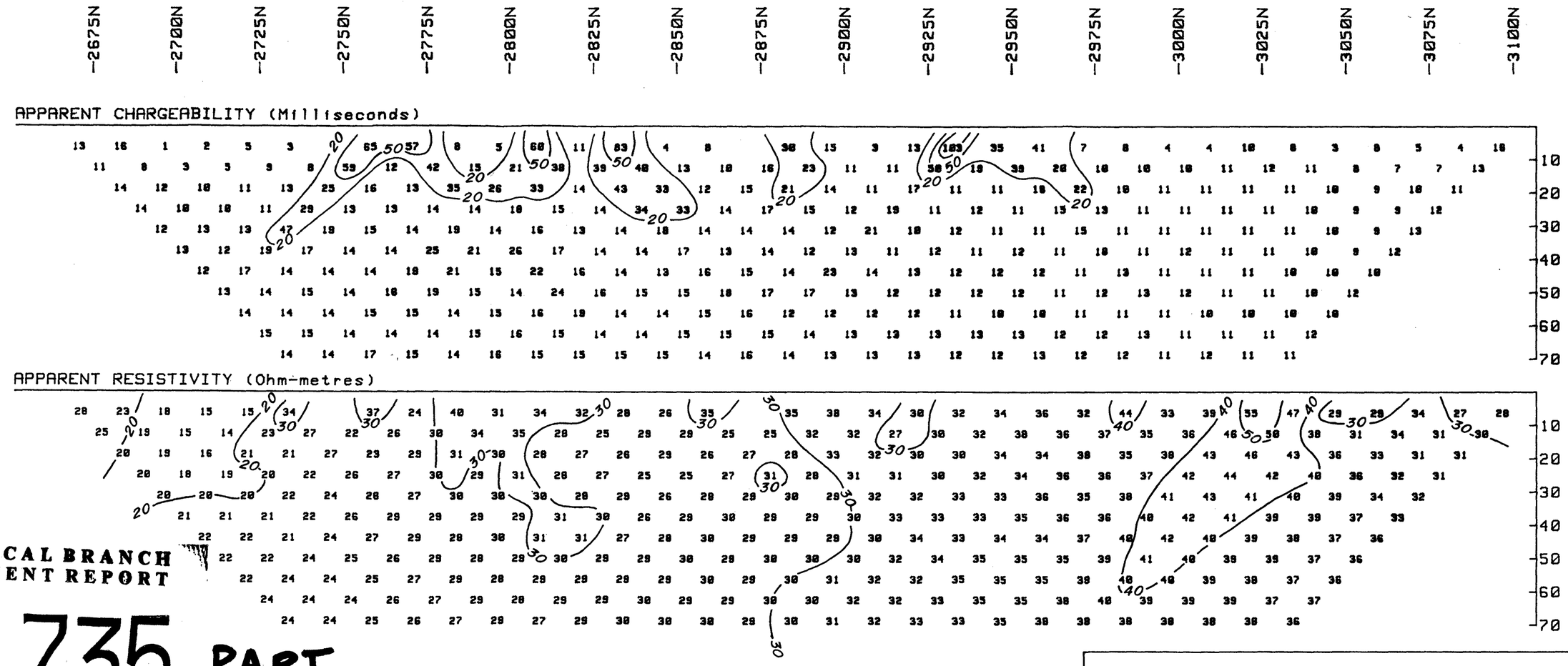
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 3300E

DATE: JULY/86

FIG.: 51



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735 PART 7 OF 7

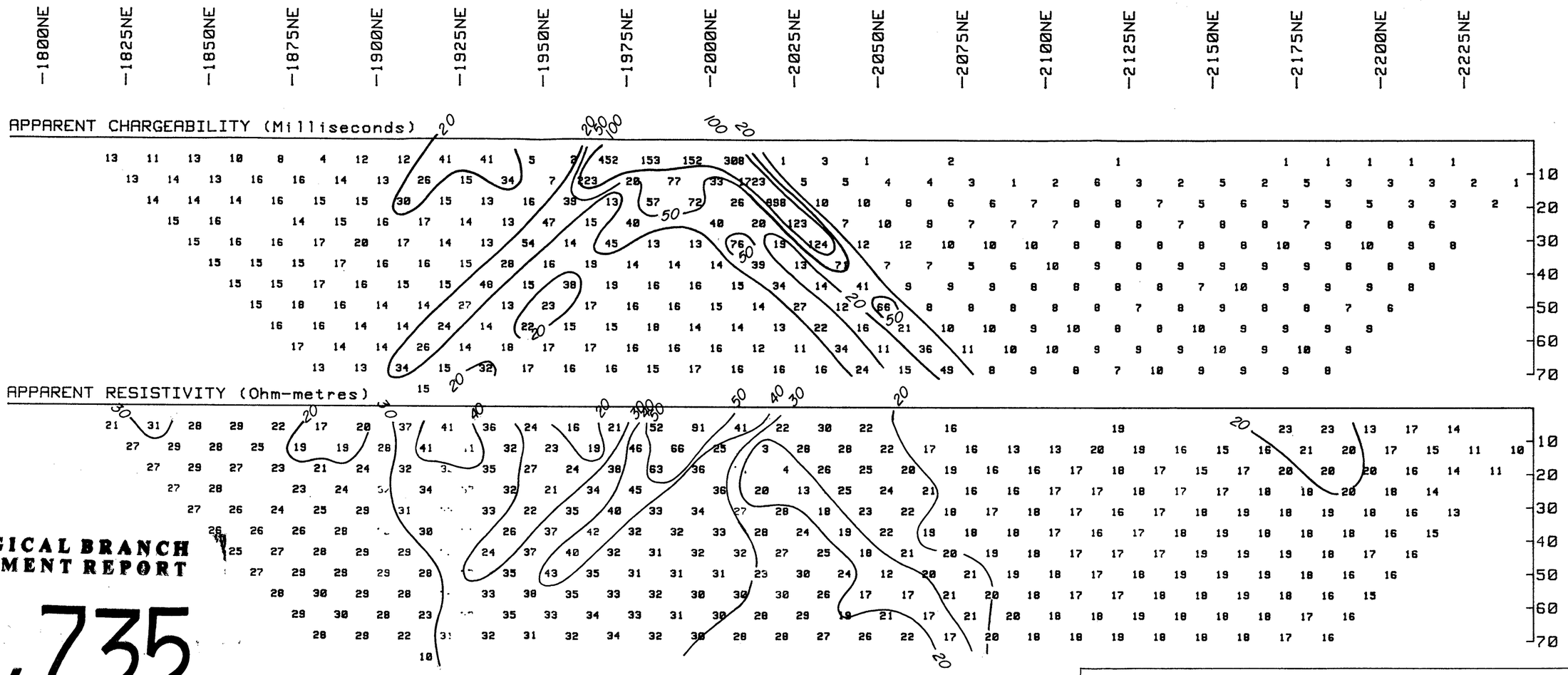
INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 3350E

DATE: JULY/86

FIG.: 52



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

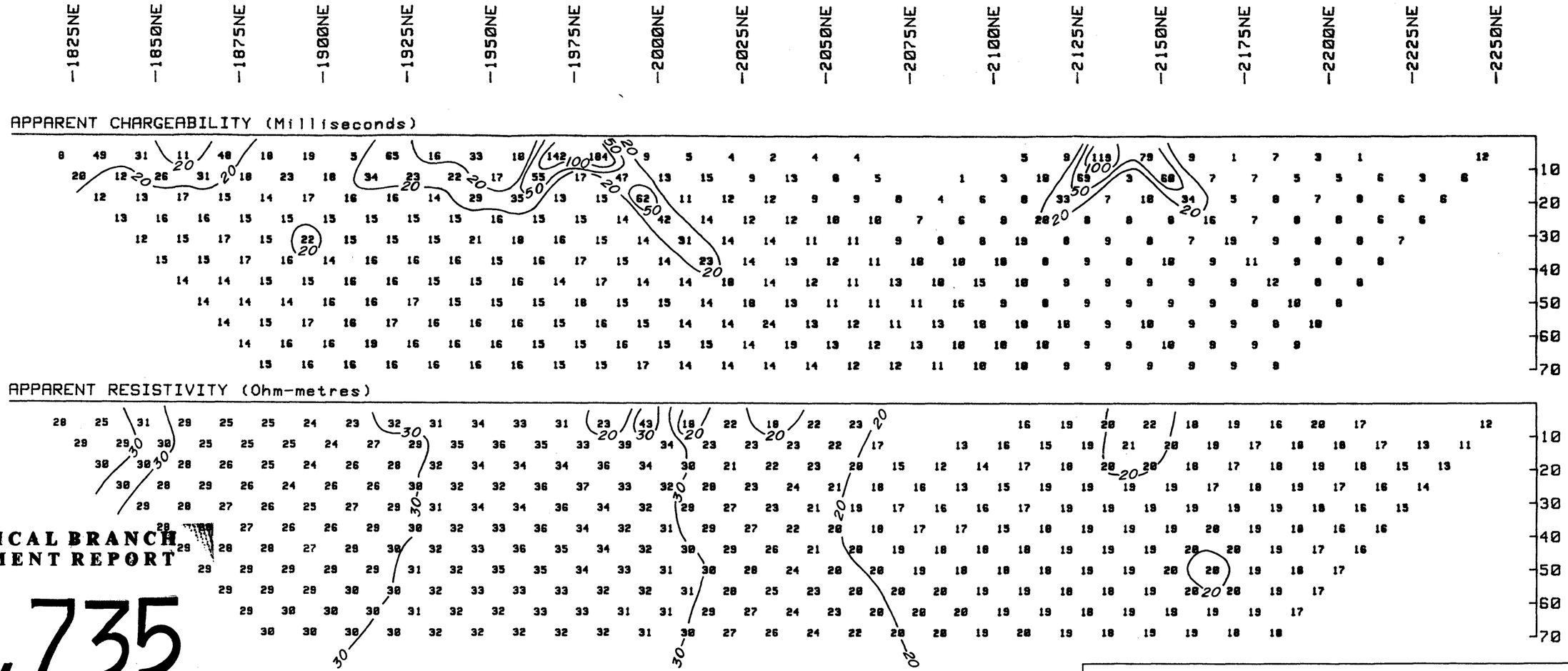
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2000SE

DATE: JULY/86

FIG.: 53



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

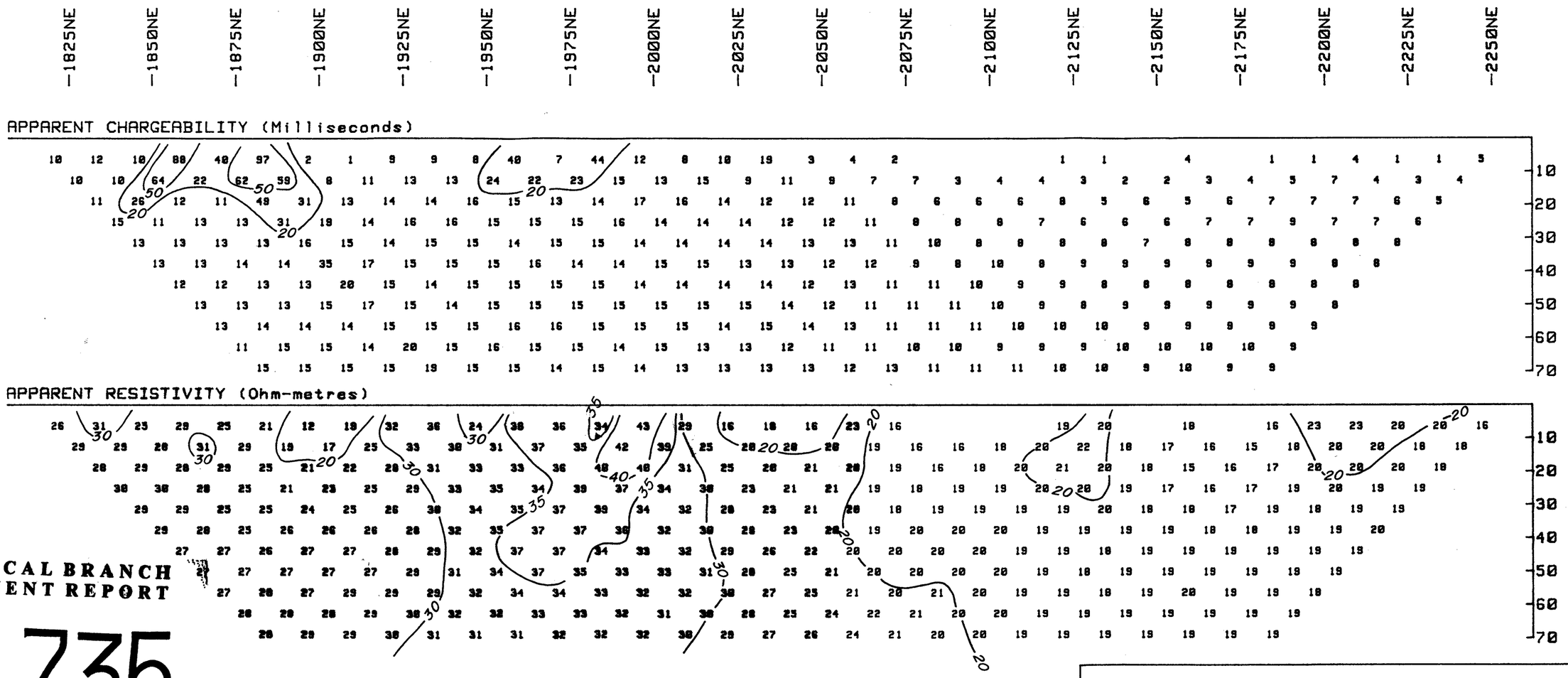
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2050SE

DATE: JULY/86

FIG.: 54



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

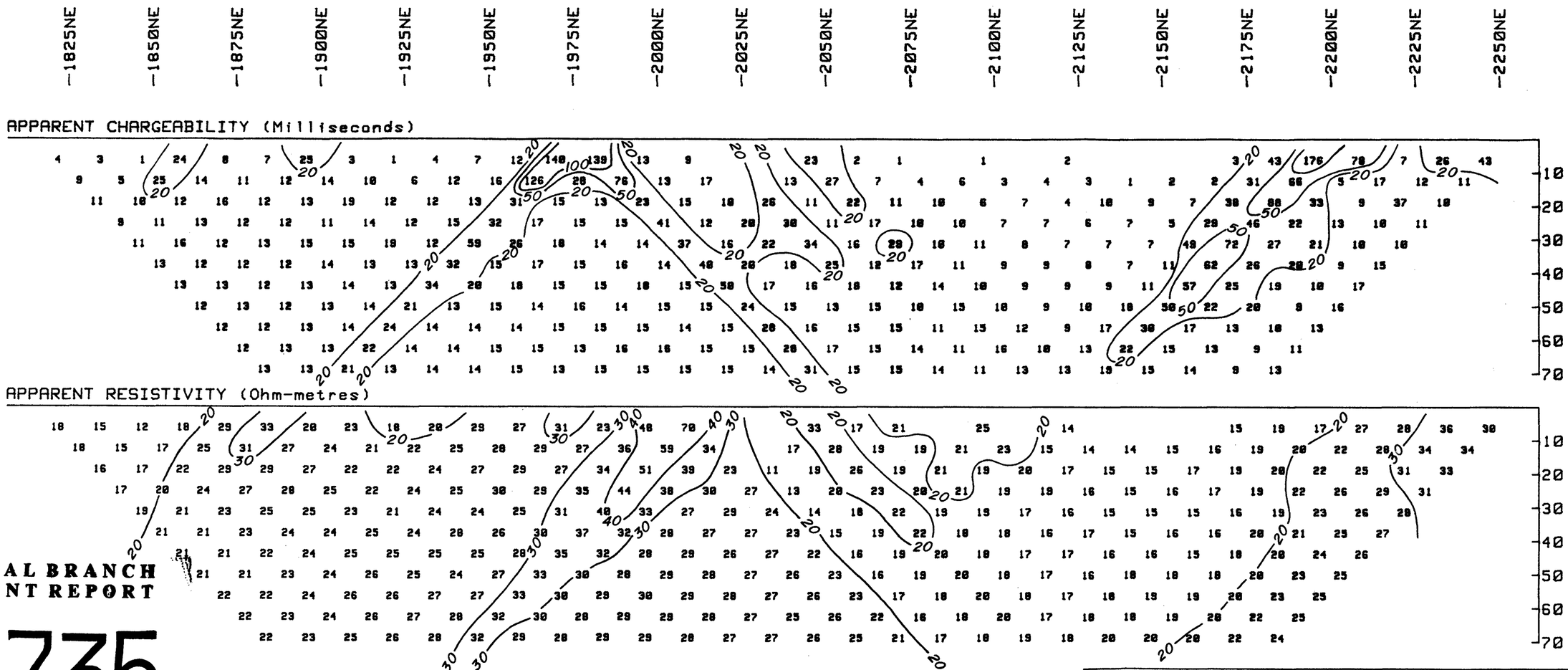
METRES
0 10 20 30 40

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2100SE

DATE: JULY/86

FIG.: 55



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

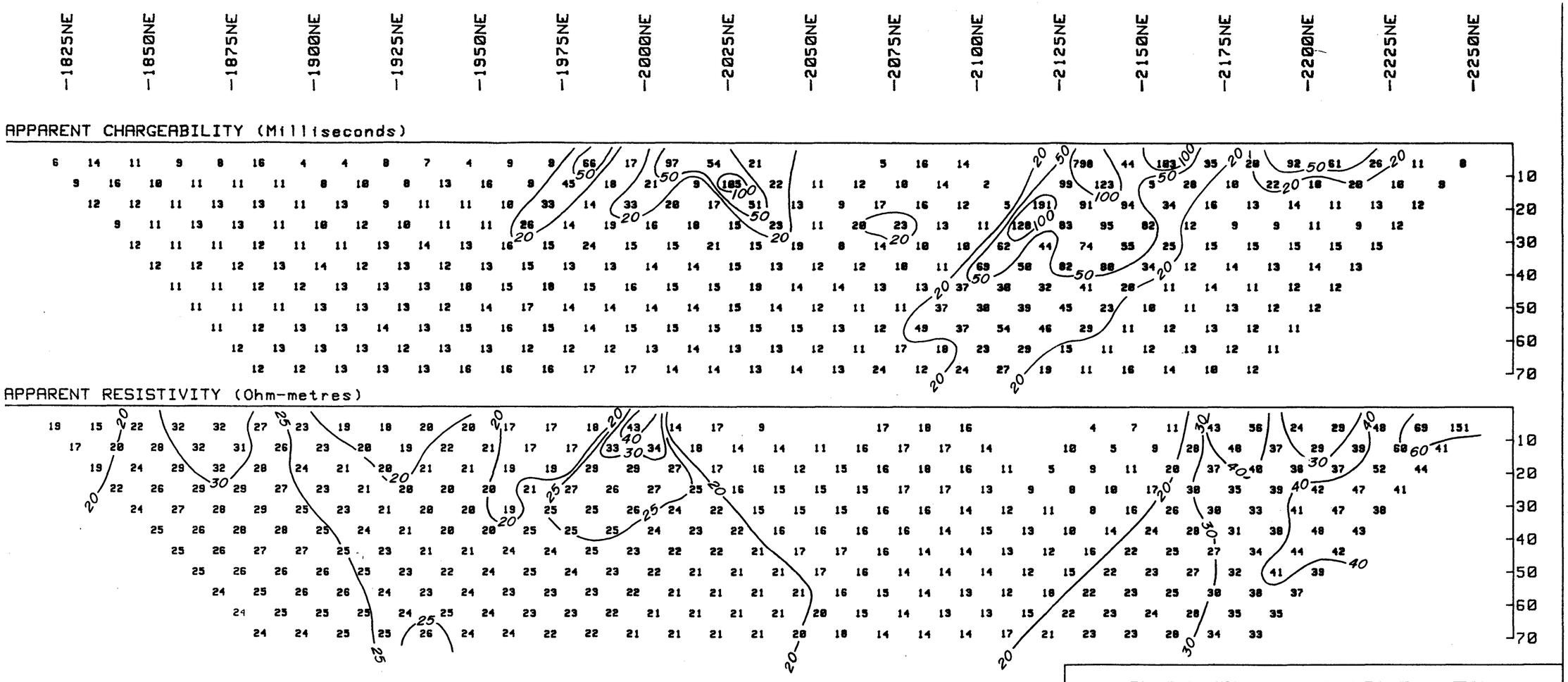
METRES
0 10 20 30 40

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2150SE

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 56



METRES

0 10 20 30 40

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.

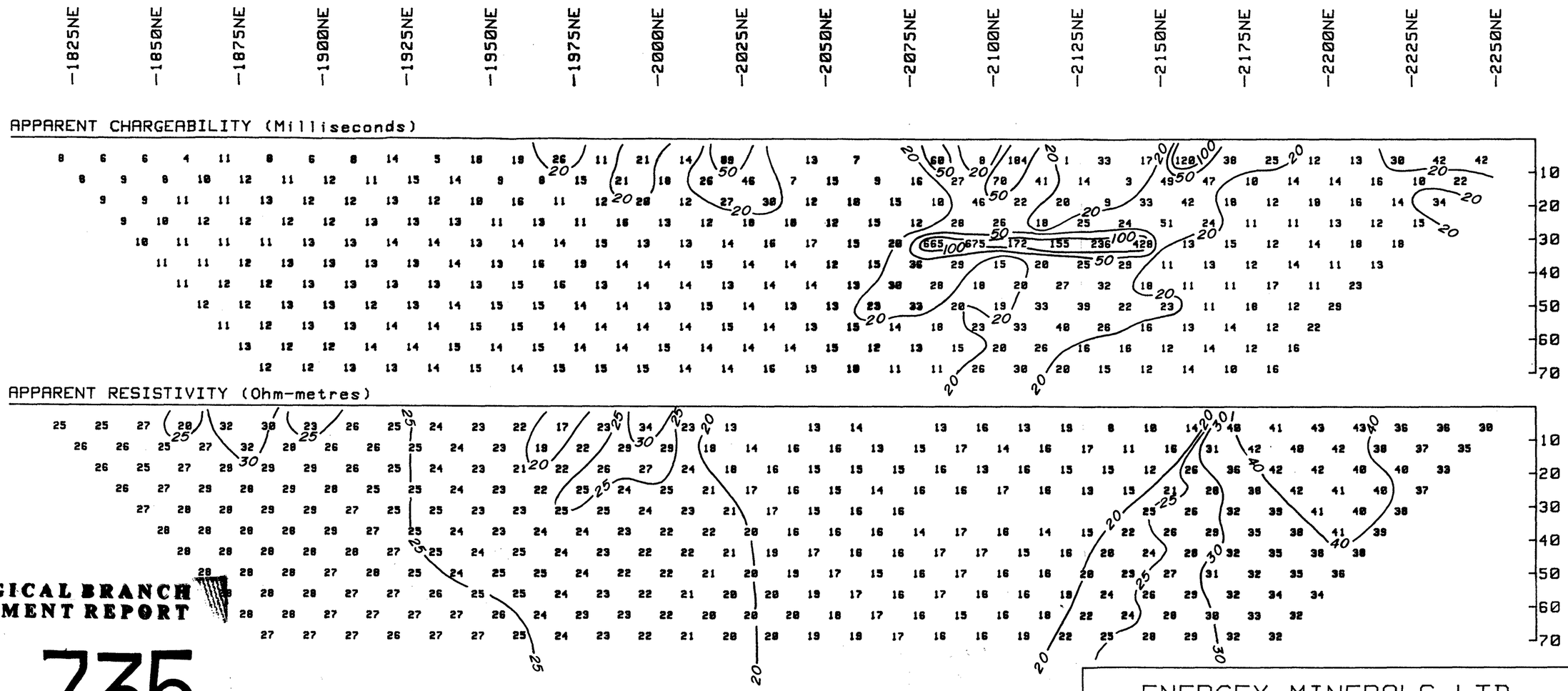
B.V. ZONE

MULTIPOLE INDUCED POLARIZATION SURVEY

LINE 2200SE

DATE: JULY/86

FIG.: 57



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART
7 OF 7

METRES
0 10 20 30 40

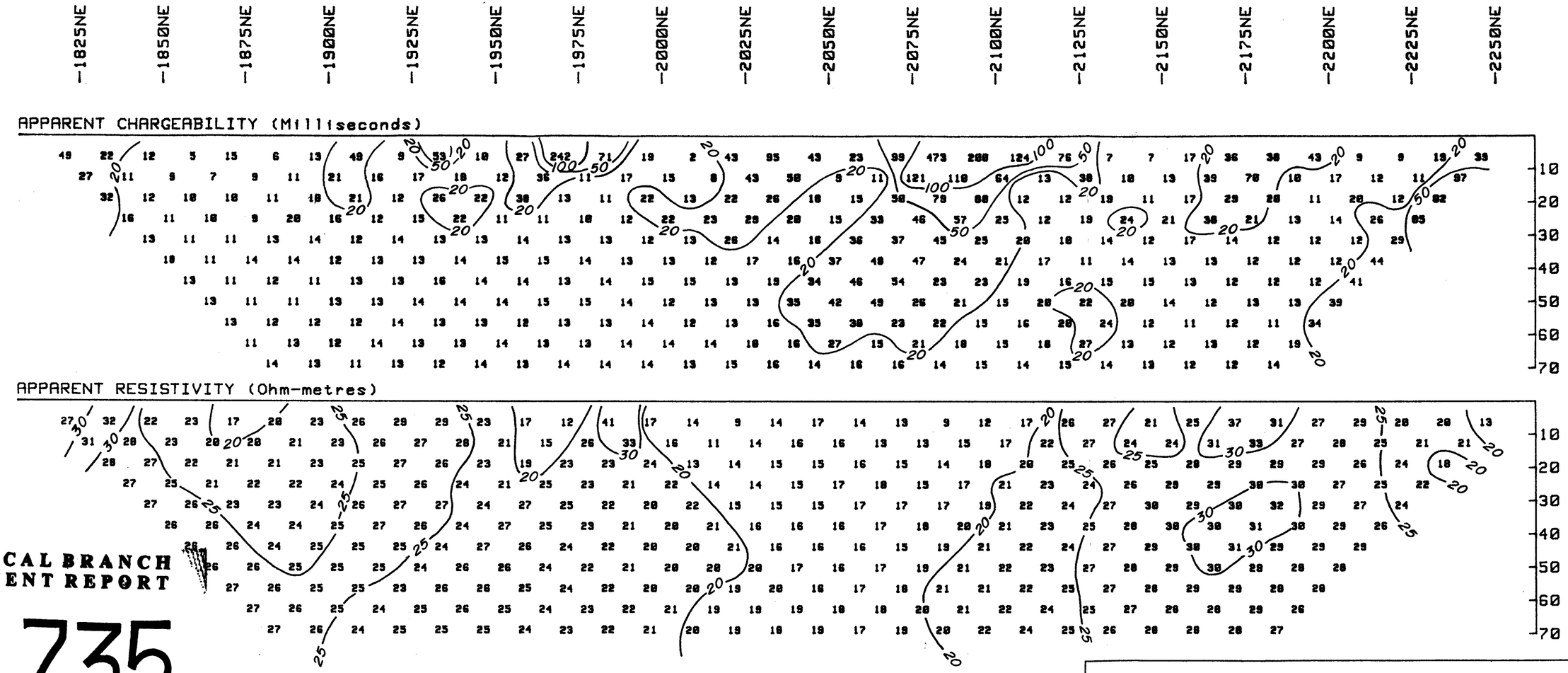
INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2250SE

DATE: JULY/86

FIG.: 58



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735
PART 2 OF 7

METRES
0 10 20 30 40

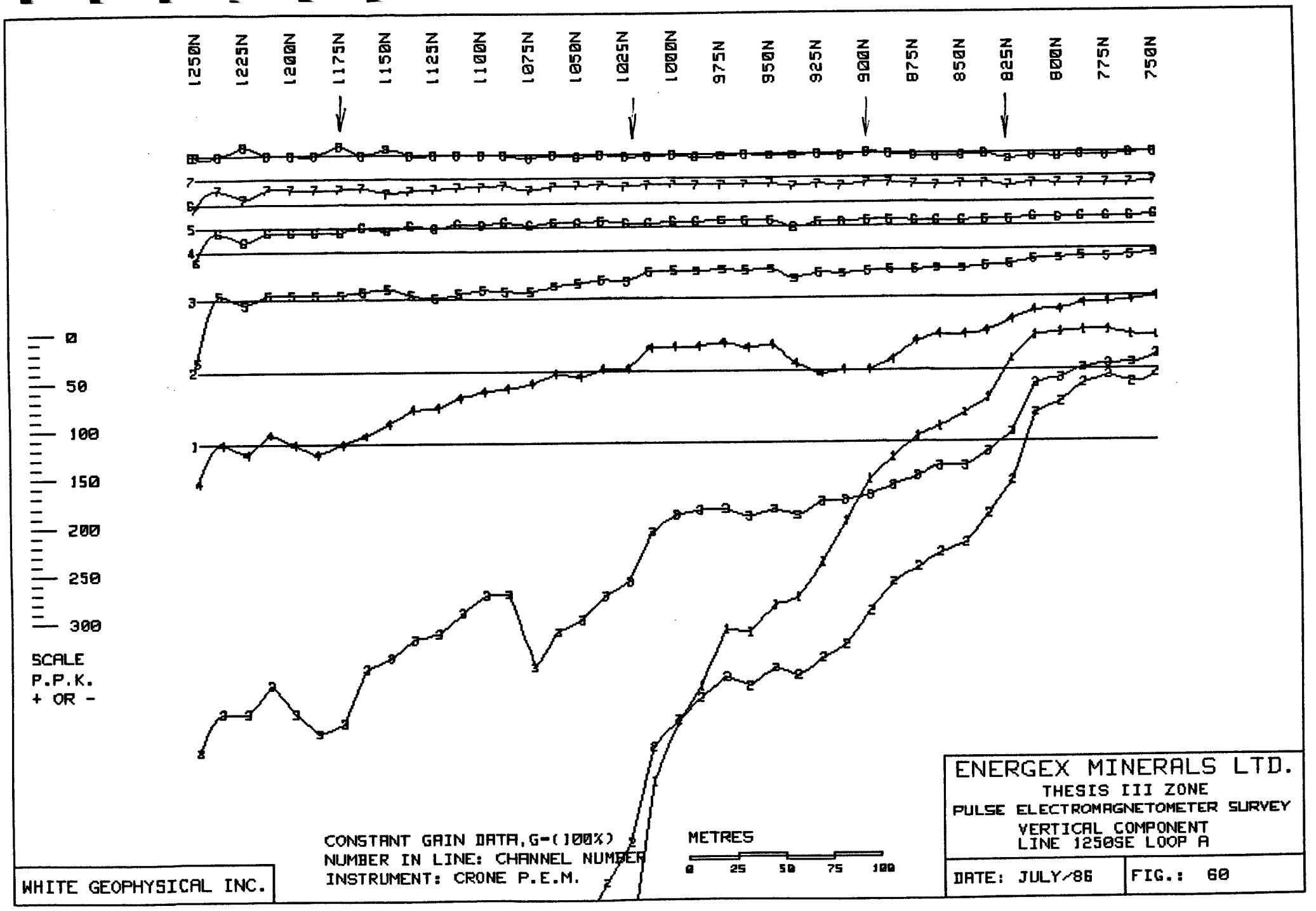
INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

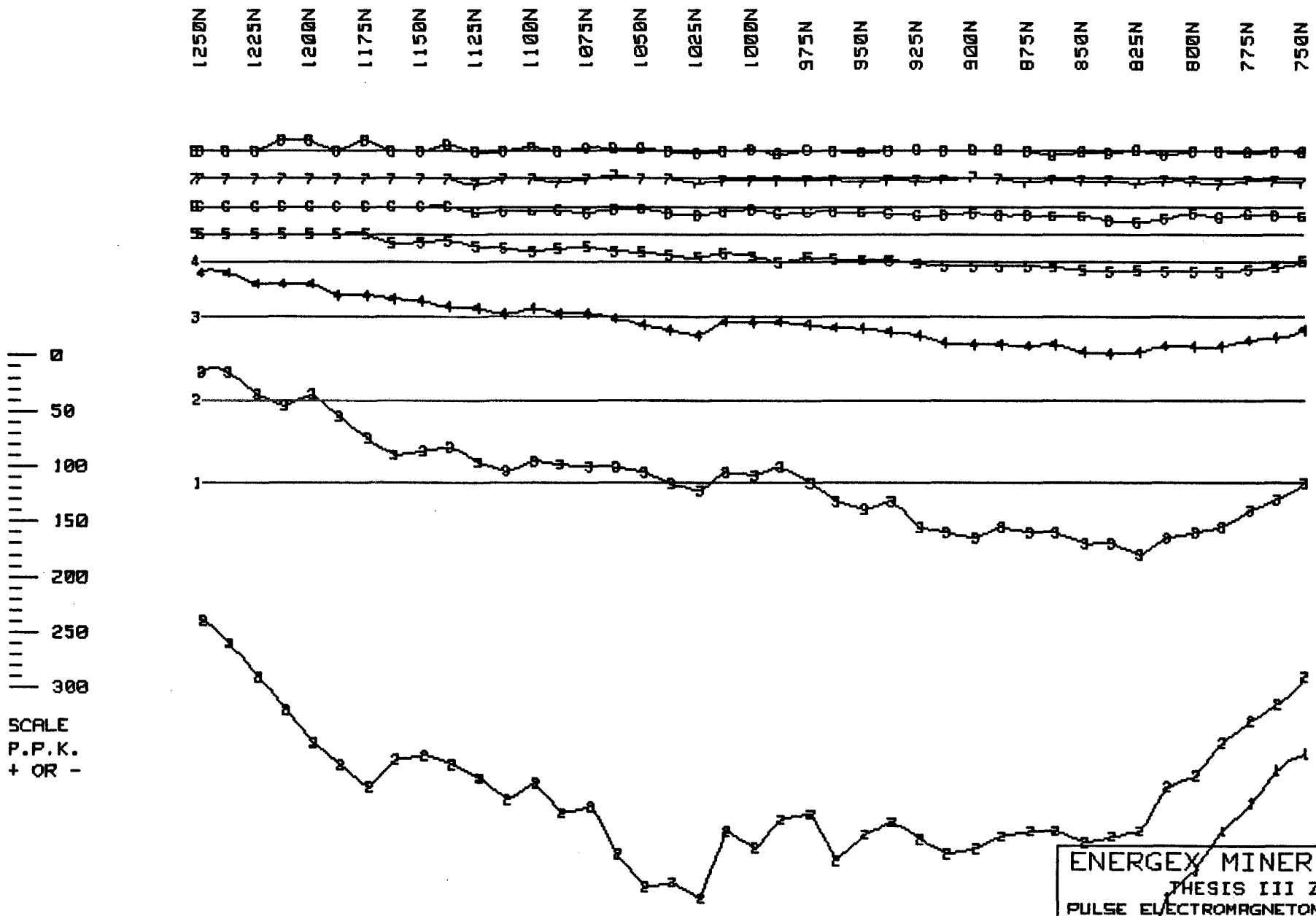
WHITE GEOPHYSICAL INC.

ENERGEX MINERALS LTD.
B.V. ZONE
MULTIPOLE INDUCED POLARIZATION SURVEY
LINE 2300SE

DATE: JULY/86

FIG.: 59


1250N
1225N
1200N
1175N
1150N
1125N
1100N
1075N
1050N
1025N
1000N
975N
950N
925N
900N
875N
850N
825N
800N
775N
750N
0
50
100
150
200
250
300
SCALE
P.P.K.
+ OR -
CONSTANT GAIN DATA,G=(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
METRES
0
25
50
75
100
ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
VERTICAL COMPONENT
LINE 1250SE LOOP A
DATE: JULY/86
FIG.: 60
WHITE GEOPHYSICAL INC.



CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

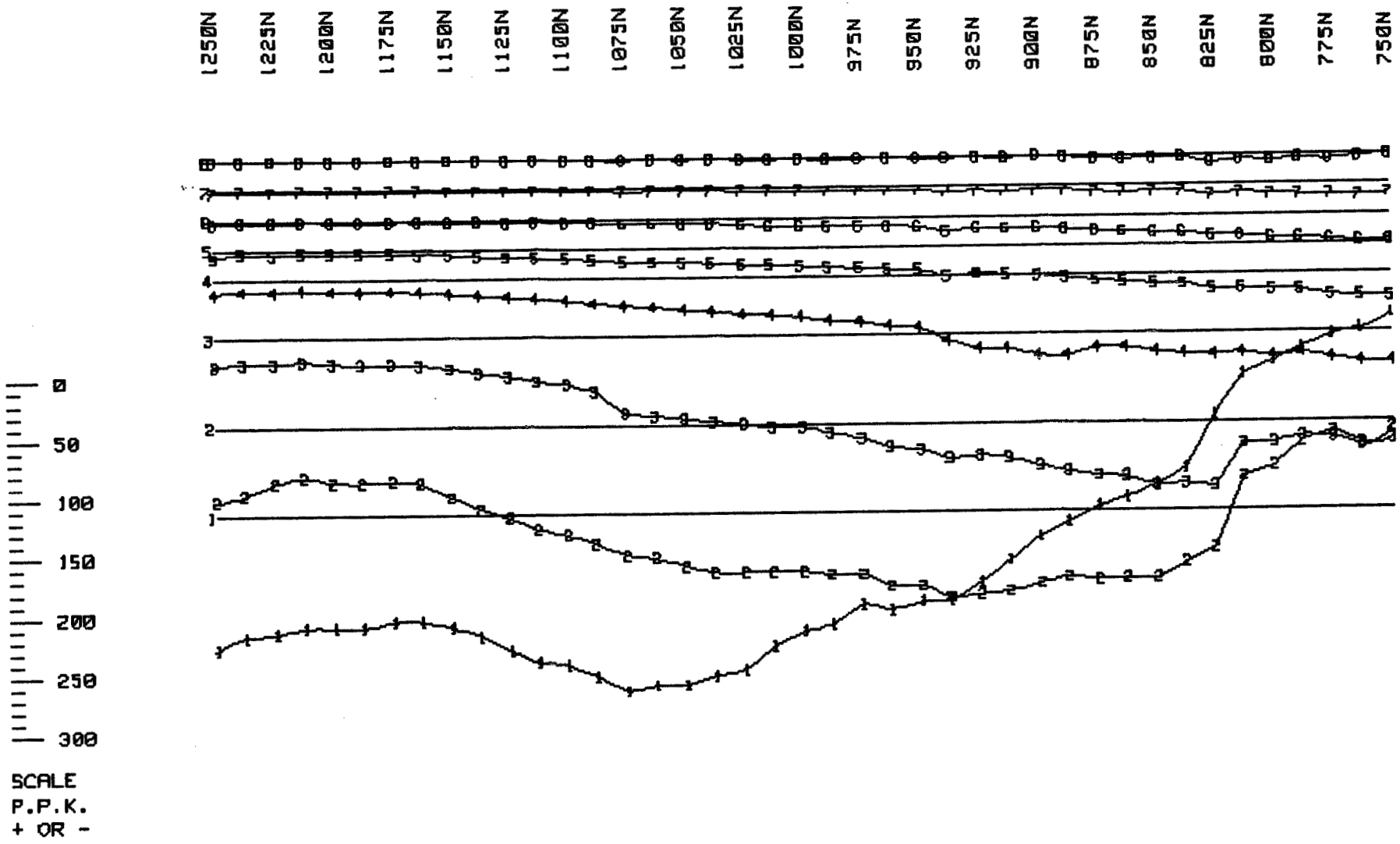
METRES
0 25 50 75 100

ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
HORIZONTAL COMPONENT
LINE 1250SE LOOP A

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 61



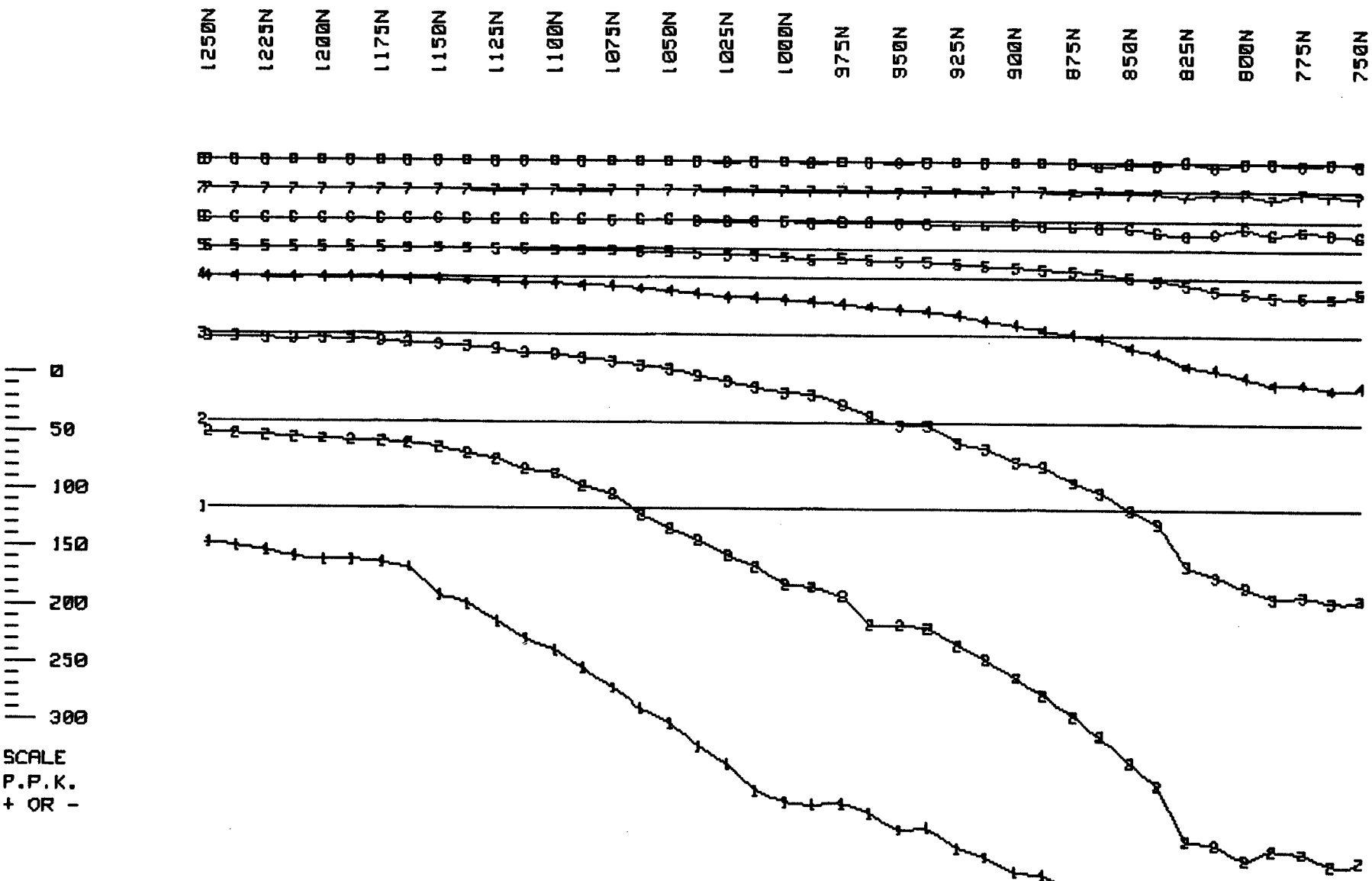
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 25 50 75 100

ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
VERTICAL COMPONENT
LINE 1250SE LOOP A

WHITE GEOPHYSICAL INC.

DATE: JULY/86 | FIG.: 62



PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

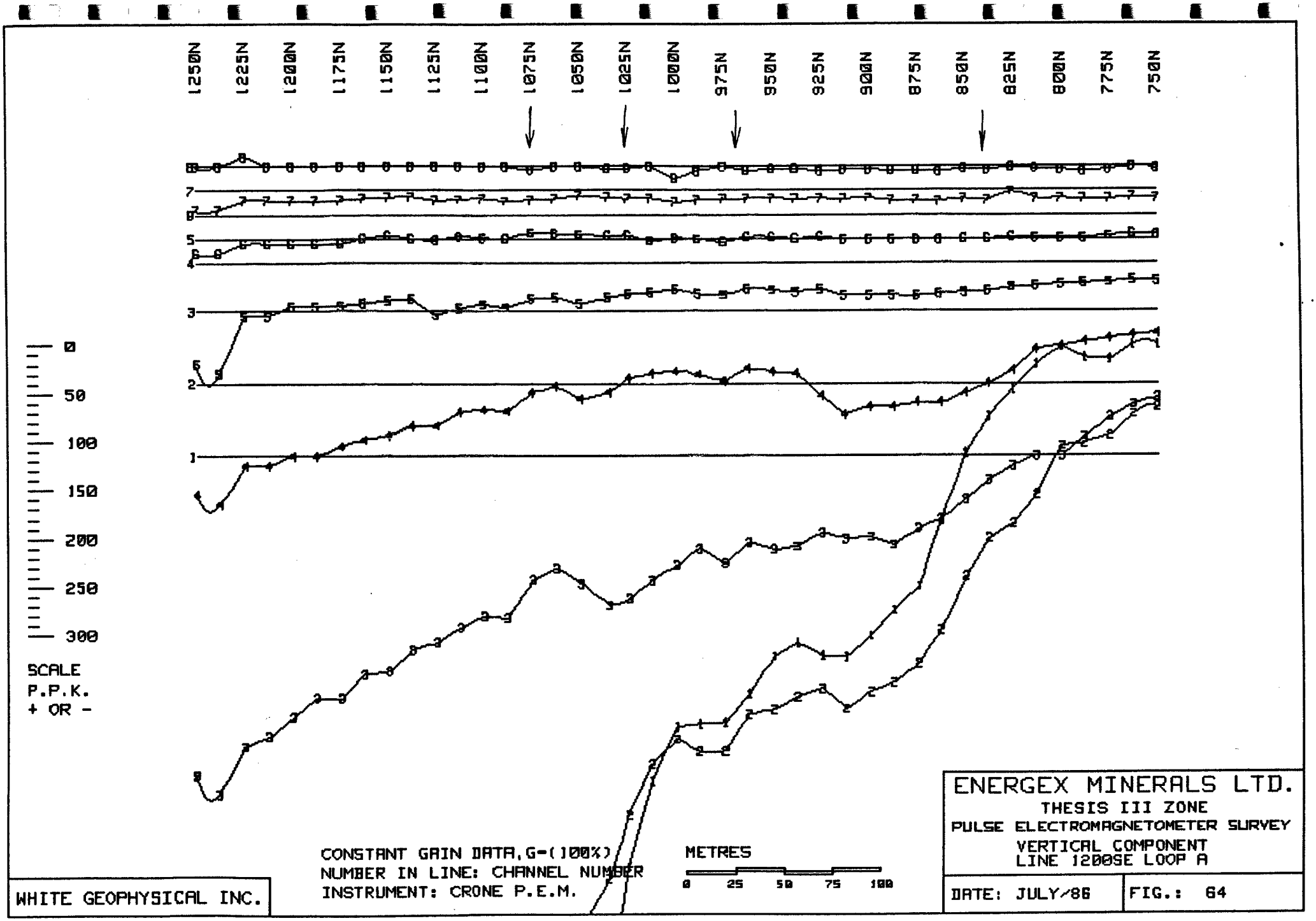
METRES
0 25 50 75 100

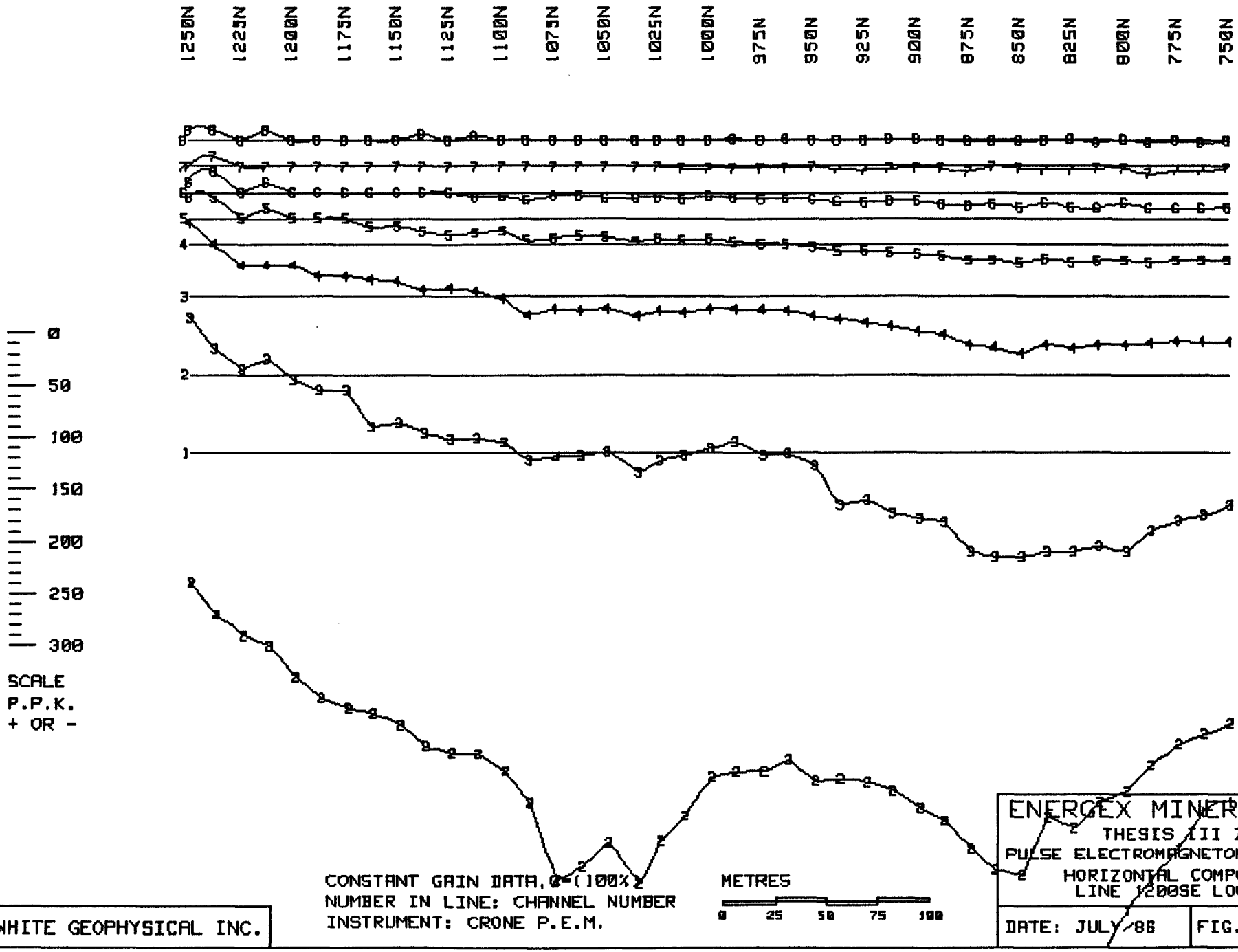
ENERGEX MINERALS LTD.
THESIS, III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
HORIZONTAL COMPONENT
LINE 1250SE LOOP A

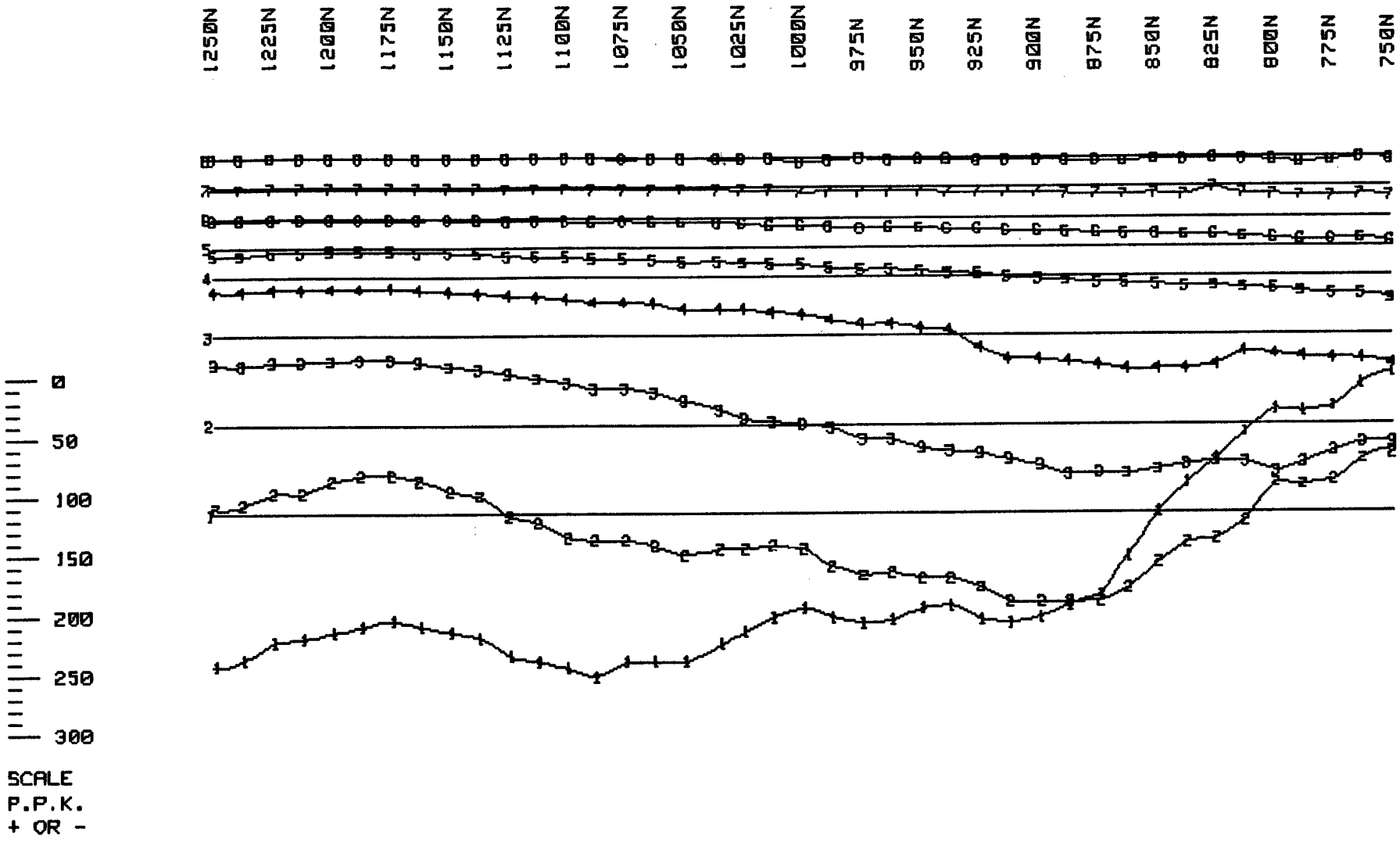
WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 63


1250N
1225N
1200N
1175N
1150N
1125N
1100N
1075N
1050N
1025N
1000N
975N
950N
925N
900N
875N
850N
825N
800N
775N
750N
0
50
100
150
200
250
300
SCALE
P.P.K.
+ OR -
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
METRES
0
25
50
75
100
ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
VERTICAL COMPONENT
LINE 1200SE LOOP A
WHITE GEOPHYSICAL INC.
DATE: JULY/86
FIG.: 64


1250N
1225N
1200N
1175N
1150N
1125N
1100N
1075N
1050N
1025N
1000N
975N
950N
925N
900N
875N
850N
825N
800N
775N
750N
0
50
100
150
200
250
300
SCALE
P.P.K.
+ OR -
CONSTANT GAIN DATA, @=(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
METRES
0 25 50 75 100
ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
HORIZONTAL COMPONENT
LINE 1200SE LOOP A
WHITE GEOPHYSICAL INC.
DATE: JULY/86
FIG.: 65



PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

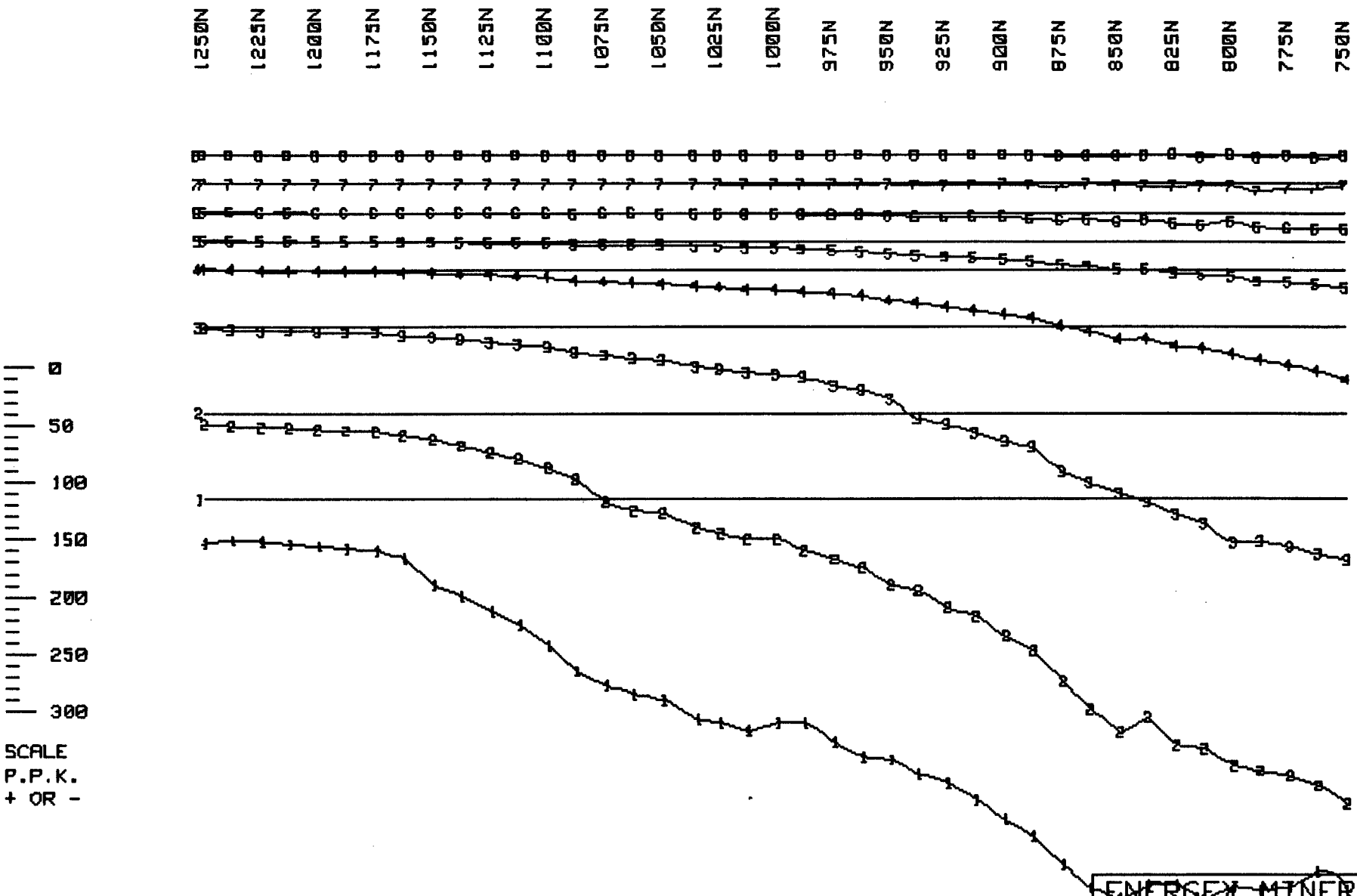
METRES
0 25 50 75 100

ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
VERTICAL COMPONENT
LINE 1200SE LOOP A

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 66



PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

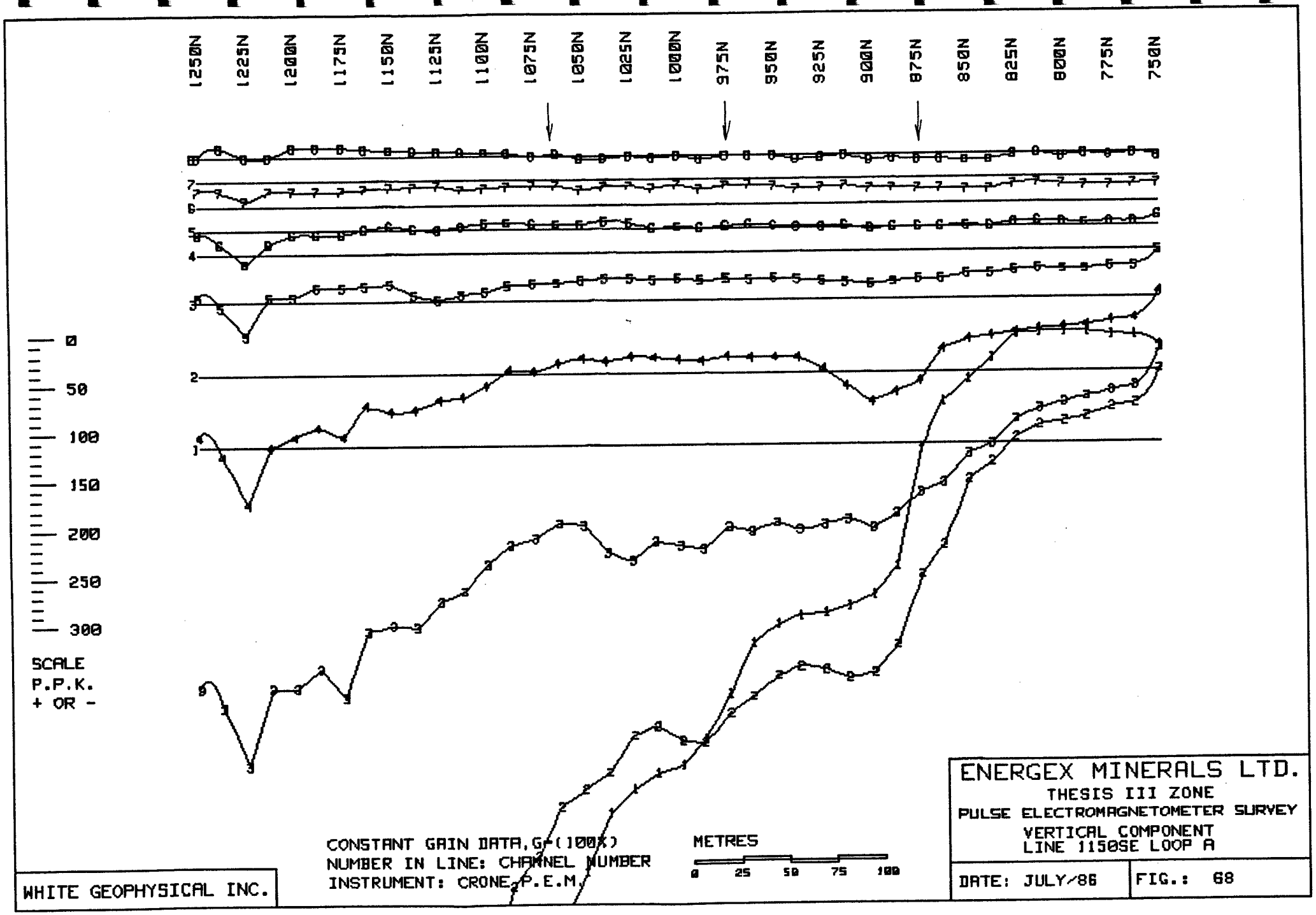
METRES
0 25 50 75 100

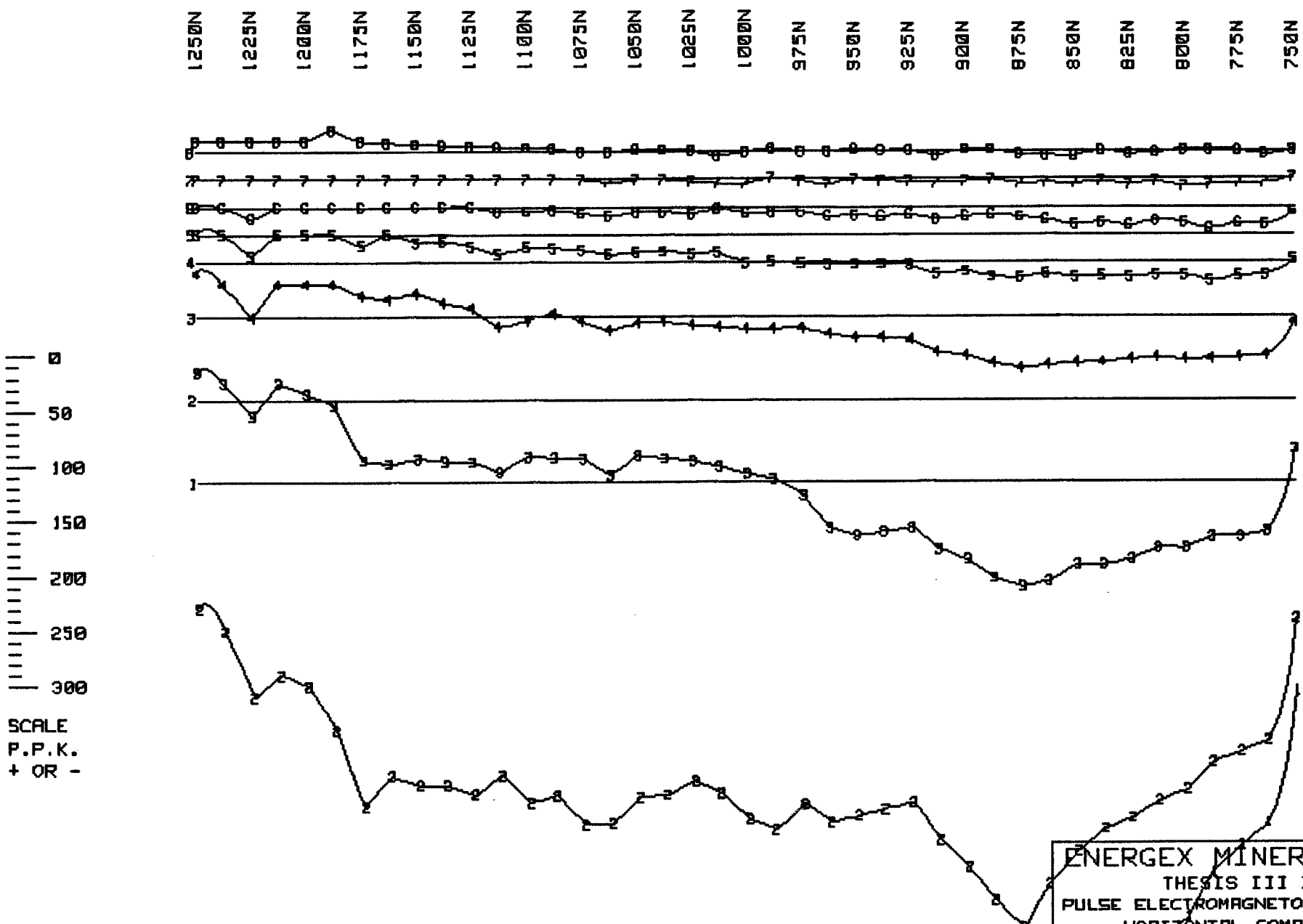
ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
HORIZONTAL COMPONENT
LINE 1200SE LOOP A

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 67


1250N
1225N
1200N
1175N
1150N
1125N
1100N
1075N
1050N
1025N
1000N
975N
950N
925N
900N
875N
850N
825N
800N
775N
750N
0
50
100
150
200
250
300
SCALE
P.P.K.
+ OR -
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
METRES
0
25
50
75
100
ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
VERTICAL COMPONENT
LINE 1150SE LOOP A
WHITE GEOPHYSICAL INC.
DATE: JULY/86
FIG.: 68



CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

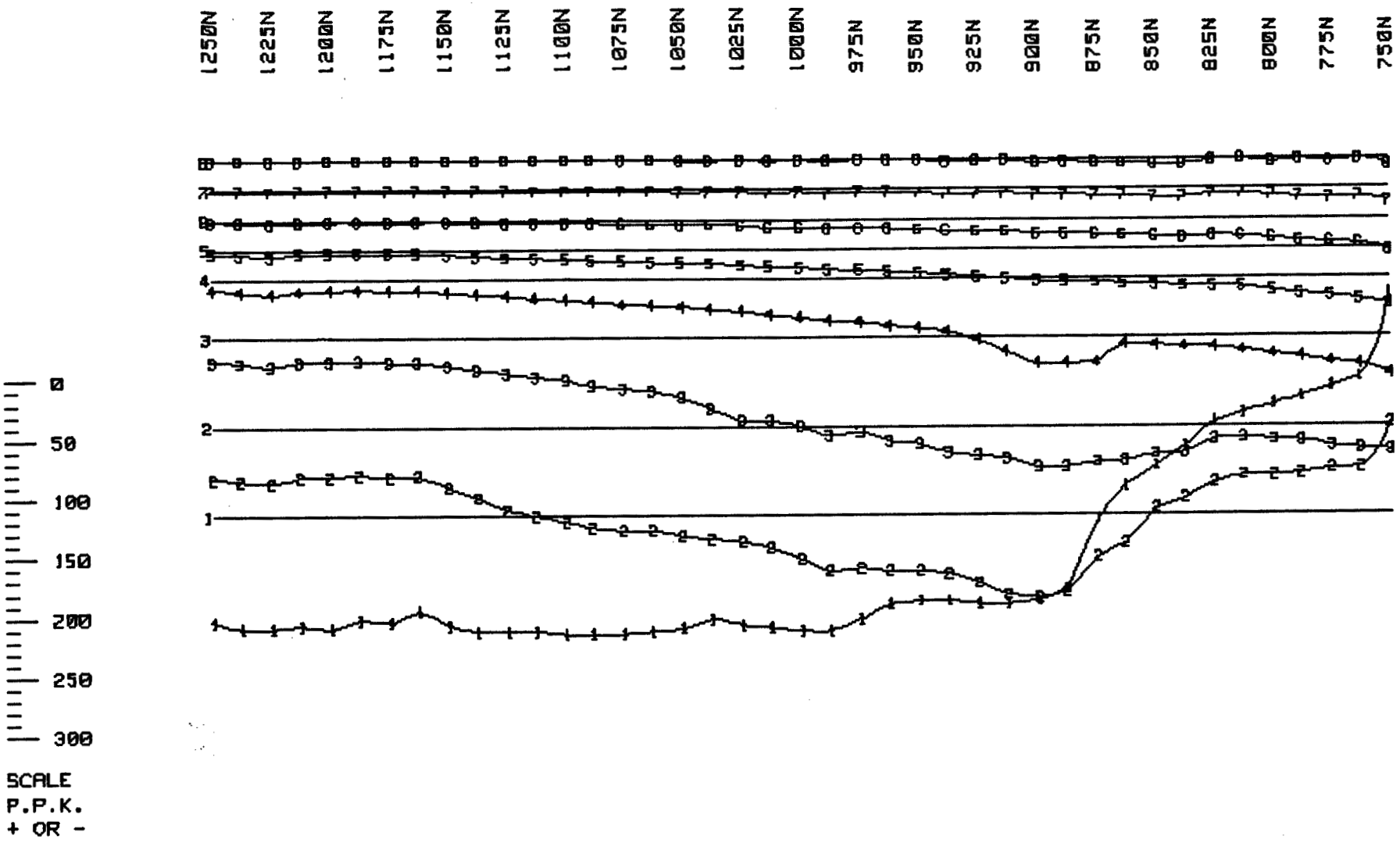
METRES
0 25 50 75 100

ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
HORIZONTAL COMPONENT
LINE 1150SE LOOP A

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 69



PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

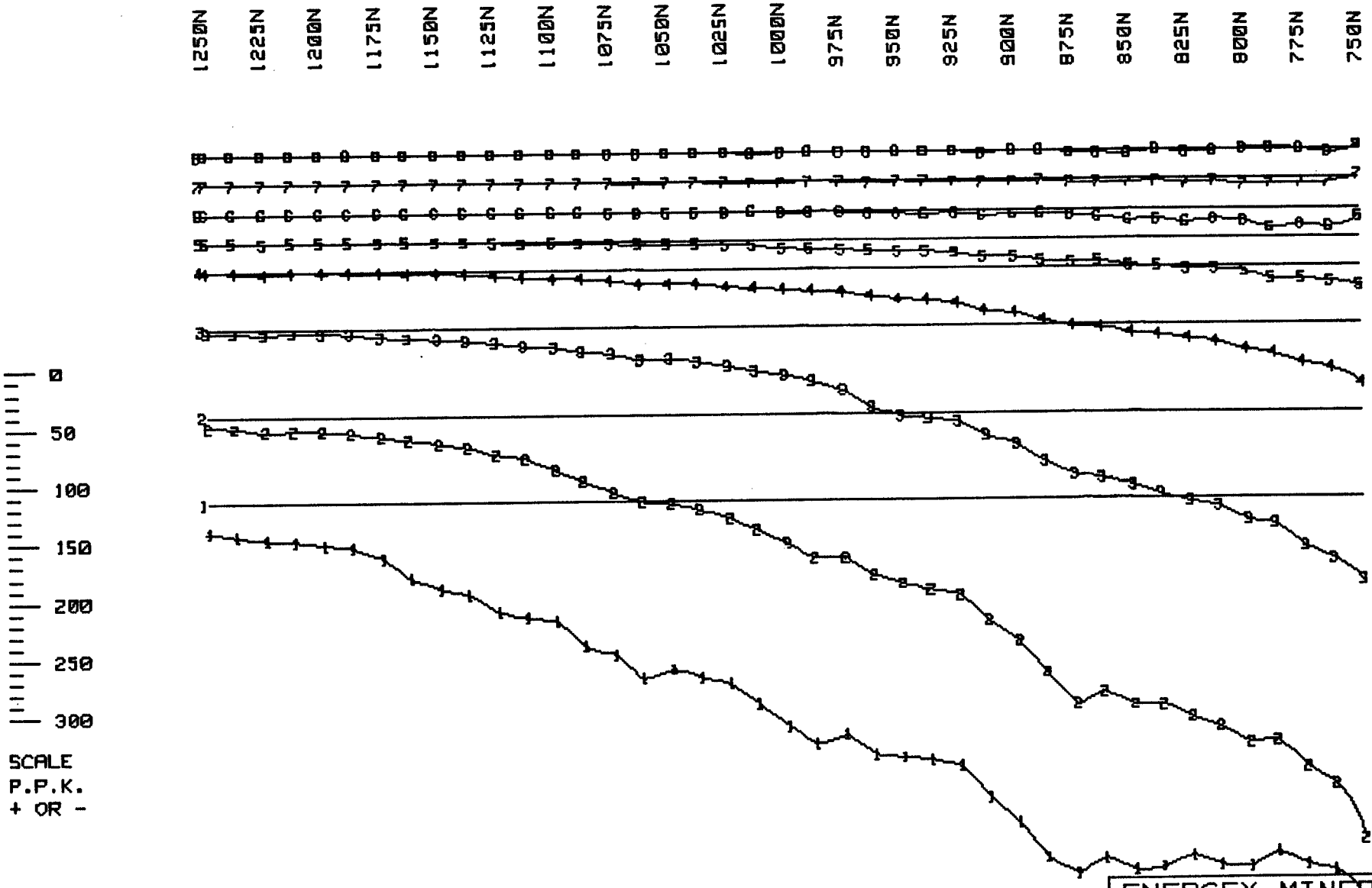
METRES
0 25 50 75 100

ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
VERTICAL COMPONENT
LINE 1150SE LOOP A

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 70



PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

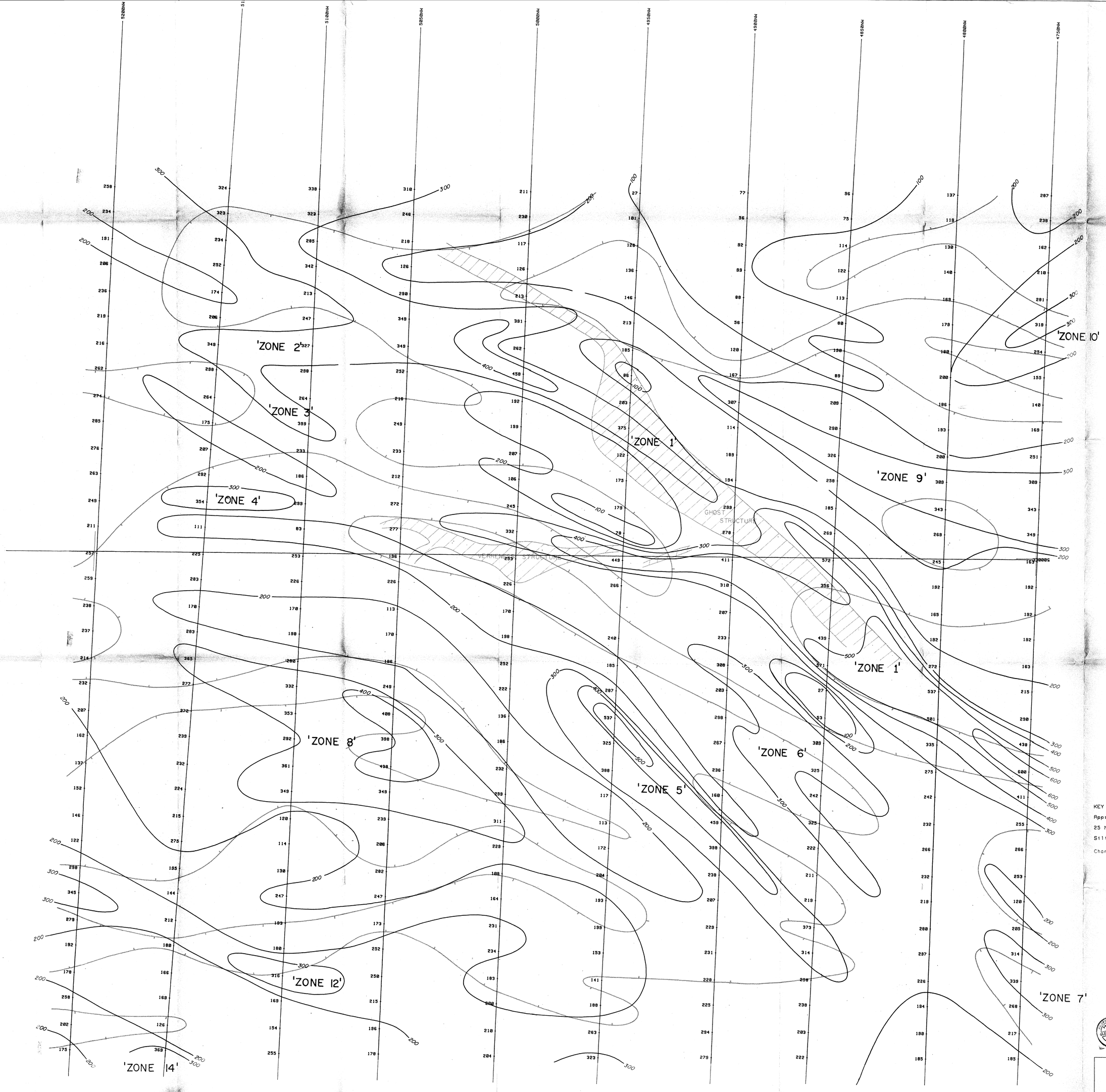
METRES
0 25 50 75 100

ENERGEX MINERALS LTD.
THESIS III ZONE
PULSE ELECTROMAGNETOMETER SURVEY
HORIZONTAL COMPONENT
LINE 1150SE LOOP A

WHITE GEOPHYSICAL INC.

DATE: JULY/86

FIG.: 71



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

KEY

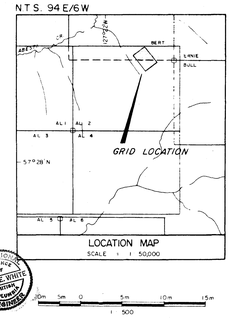
Apparent Resistivity (Ohm-m)

25 Metre Dipole

Silicified Zone:

Chargeability Anomaly:

N.T.S. 94E/6W



ENERGEX MINERALS LTD.

BONANZA ZONE

RESISTIVITY CONTOUR MAP

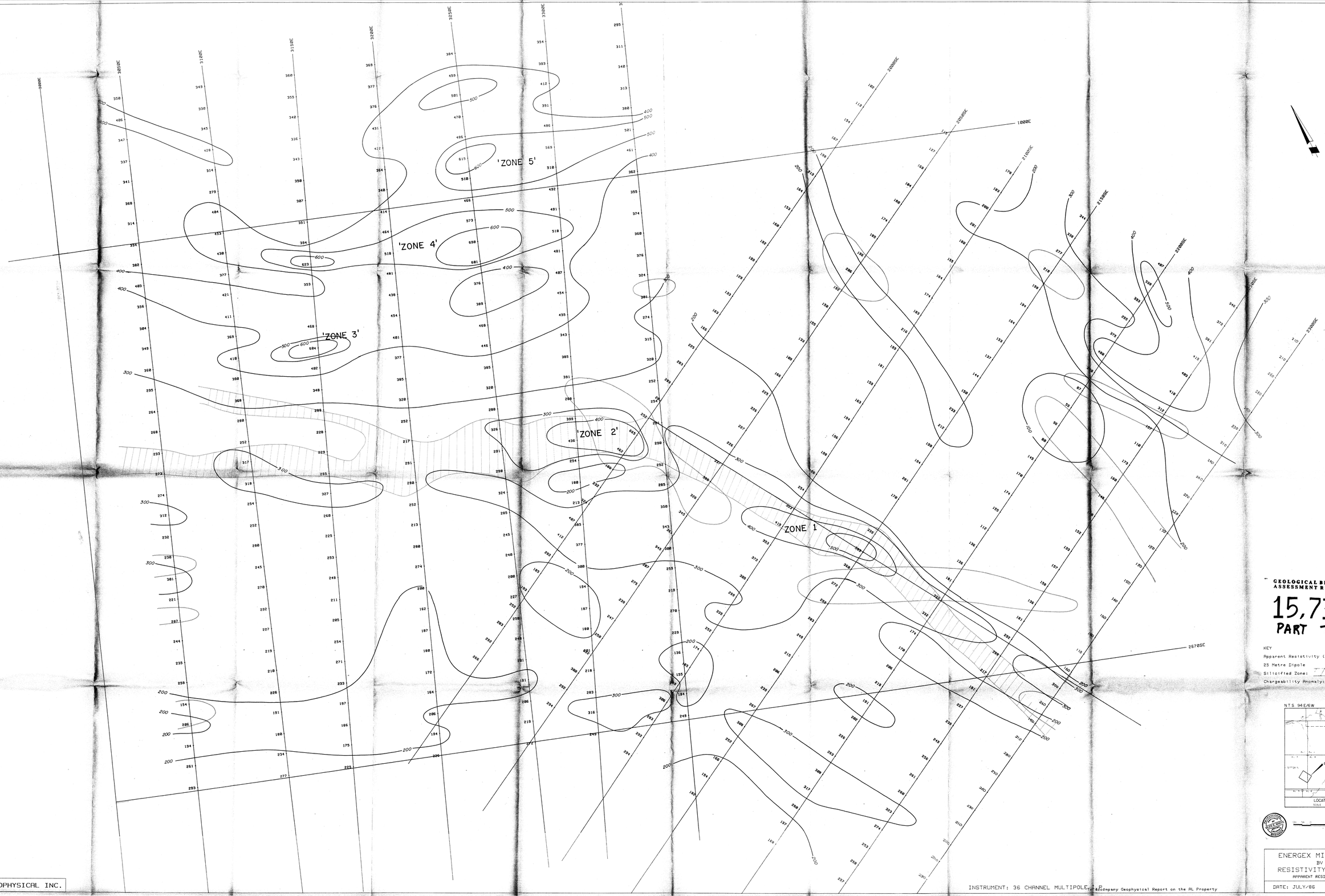
APPARENT RESISTIVITY (OHM-M)

DATE: JULY/86 | FIG.: 3

WHITE GEOPHYSICAL INC.

INSTRUMENT: 36 CHANNEL MULTIPOLE I.P.

To accompany Geophysical Report on the AL Property


'ZONE 5'
'ZONE 4'
'ZONE 3'
'ZONE 2'
ZONE 1
1000E
2500SE
2600SE
2700SE
2800SE
2900SE
3000SE
3100SE
3200SE
3300SE
3400SE
3500SE
3600SE
3700SE
3800SE
3900SE
4000SE
4100SE
4200SE
4300SE
4400SE
4500SE
4600SE
4700SE
4800SE
4900SE
5000SE
5100SE
5200SE
5300SE
5400SE
5500SE
5600SE
5700SE
5800SE
5900SE
6000SE
6100SE
6200SE
6300SE
6400SE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,735

PART 7 OF 7

KEY

Apparent Resistivity (Ohm-m)

Silicified Zone:

1:500

ENERGEX MINERALS LTD.

BV ZONE

EM-31 COMPOSITE PROFILE MAP

APPARENT RESISTIVITY (OHM-M)

DATE: JULY/86 | FIG.: 4B

WHITE GEOPHYSICAL INC.

INSTRUMENT: GEONICS EM-31

To accompany Geophysical Report on the AL Property