Glen E. White **GEOPHYSICAL CONSULTING & SERVICES LTD.**

9251 Beckwith Road, Richmond, British Columbia, V6X 1V7 Telephone: (604) 273-6962

April 23, 1980

827190

Mr. P. Ronning
Project Geologist
Serem Ltd.
505 - 850 W. Hastings St.
Vancouver, B. C.

Dear Mr. Ronning:

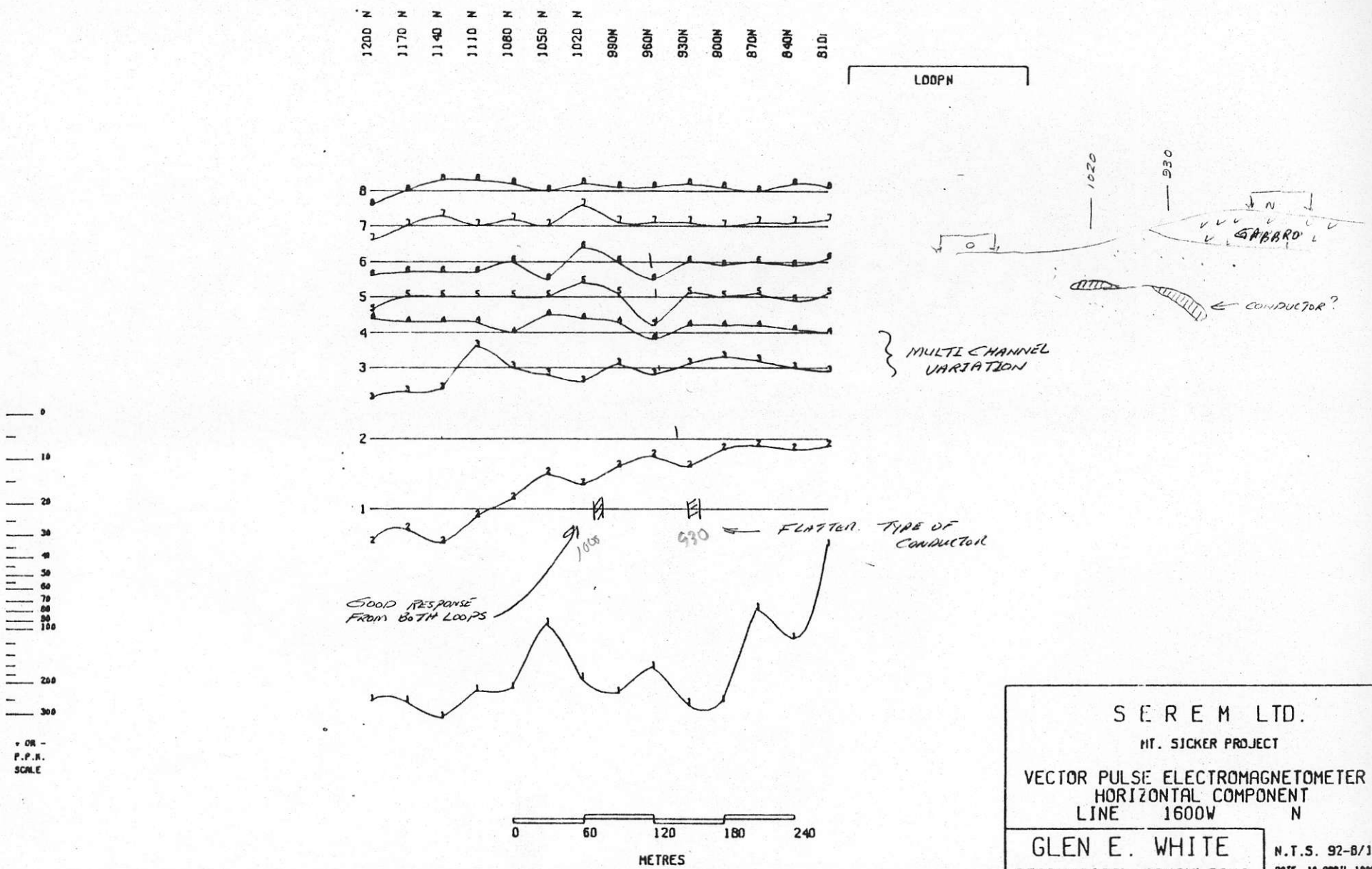
Pursuant to your request, we have completed a sketch-type analysis of the latest VLEM data from loops N, O, P, Q, R and S as shown on Figure 1. Also sketched in is the conductor in area C. The RON conductor (loops R, O and N) is quite pronounced through to line 800W. From 400W to 0 the response is complicated possibly representing cross-faulting. Diamond drilling should be undertaken on line 1200W. Loop R picks up a very good response from lines 400E to 1200E. Line 400E is an obvious diamond drill target with the best multichannel response obtained to date. The PQ trend appears to be a shear or fault zone. The S conductor appears to be dipping northerly and raking to the east. A well defined vertical component response occurs from 6400E to 7200E. There appears to be a fault between lines 7200E and 7600E as the conductor response occurs as a strong channel 1 response at 810N on line 7200E and is a broad channel 1 anomaly on line 7600E. This zone should also be tested by diamond drilling on line 6400E or 6800E.

Yours truly,

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA GLEN E. WHITE

Glen E. White, B.Sc., P. Eng.
Consulting Geophysicist

GW/kw



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1600W N

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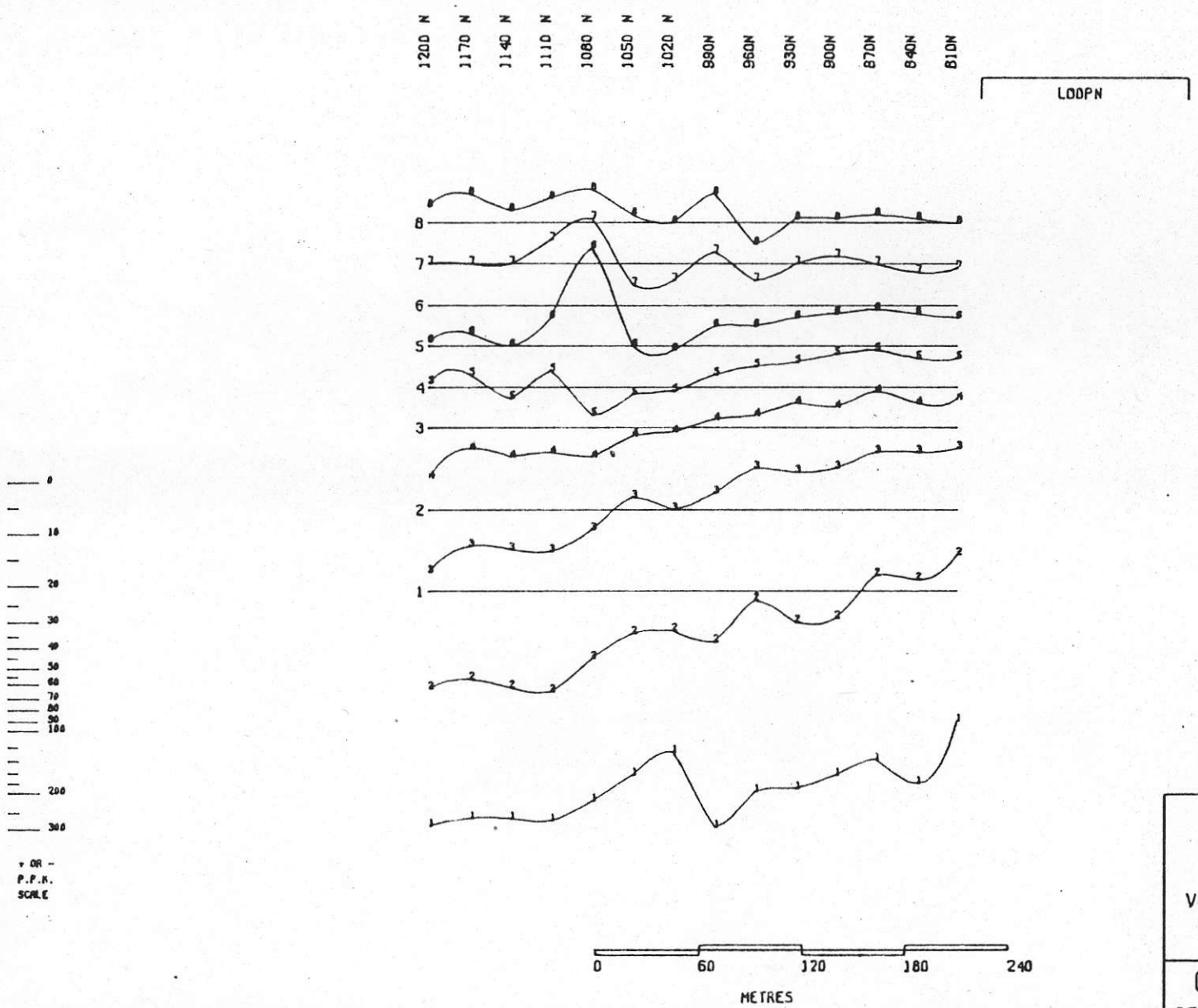
FIG.NO: 2



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1600W N

GLEN E. WHITE
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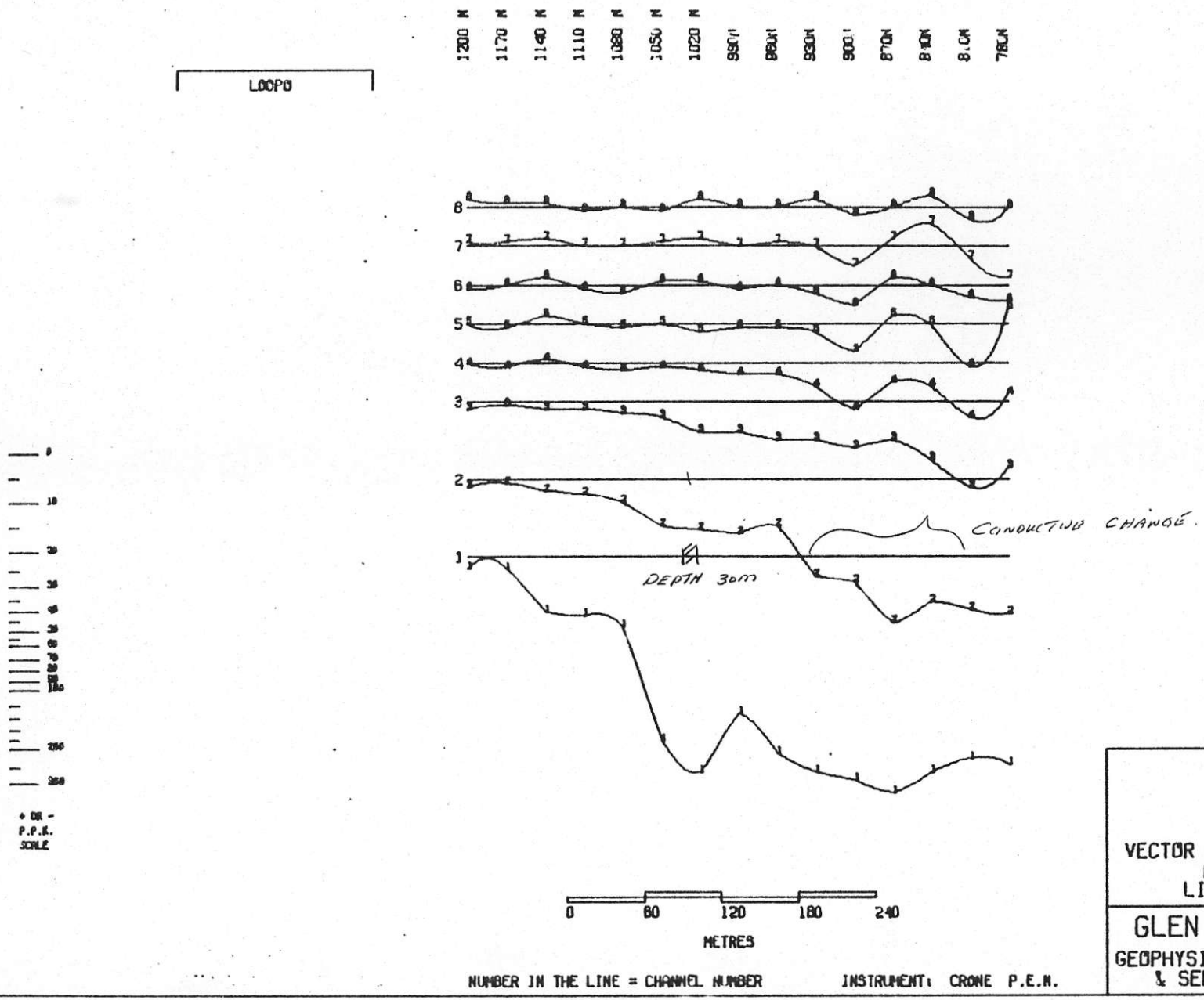
DATE 10 APRIL 1980

FIG.NO: 3



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1600W 0

GLEN E. WHITE
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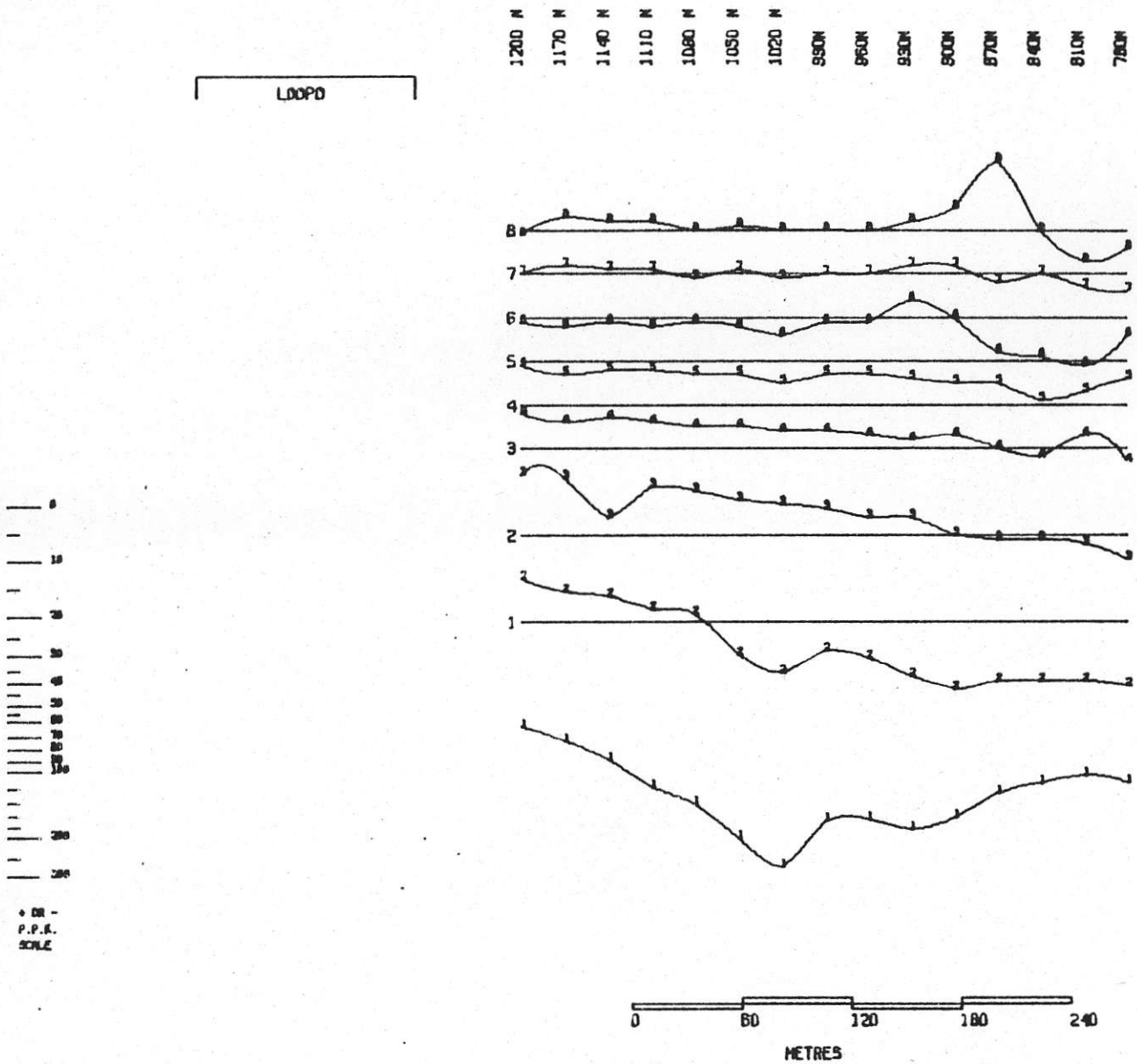
N.T.S. 92-B/13
DATE 16 APRIL 1988
FIG.NO: 4



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1600W 0

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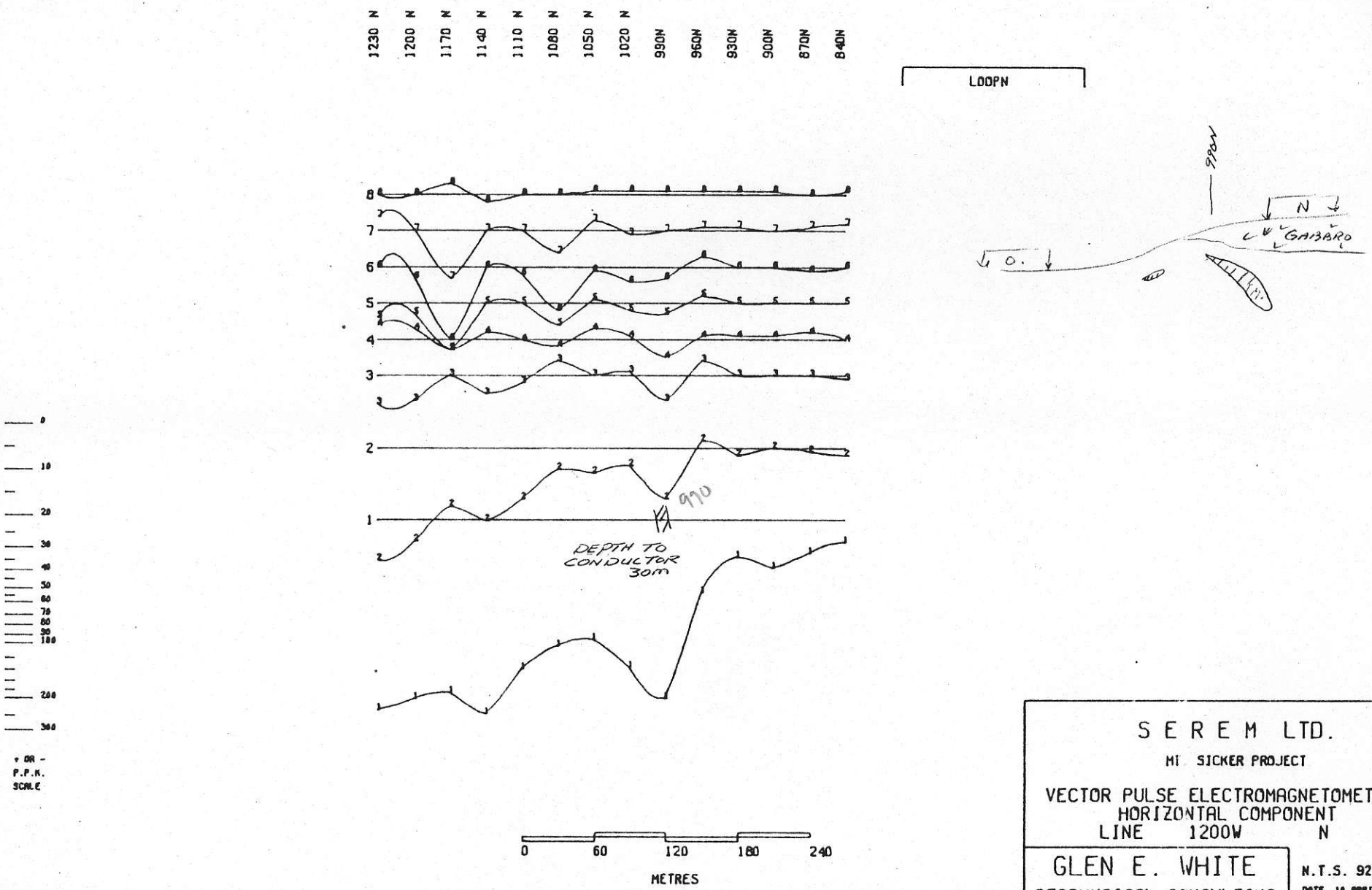
FIG.NO: 5



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200W N

GLEN E. WHITE
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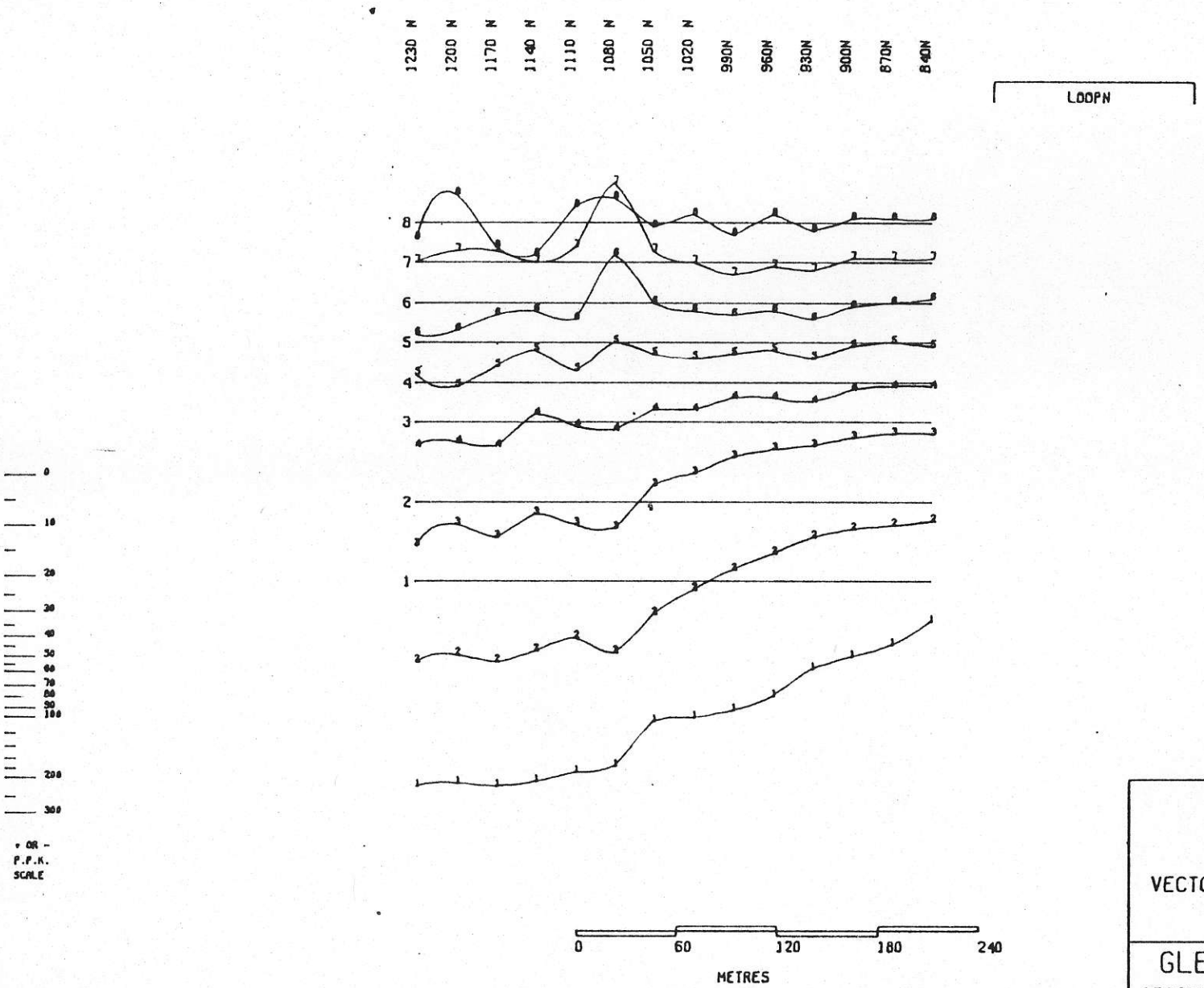
DATE 18 APRIL 1980
FIG.NO: 6



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200W N

GLEN E. WHITE
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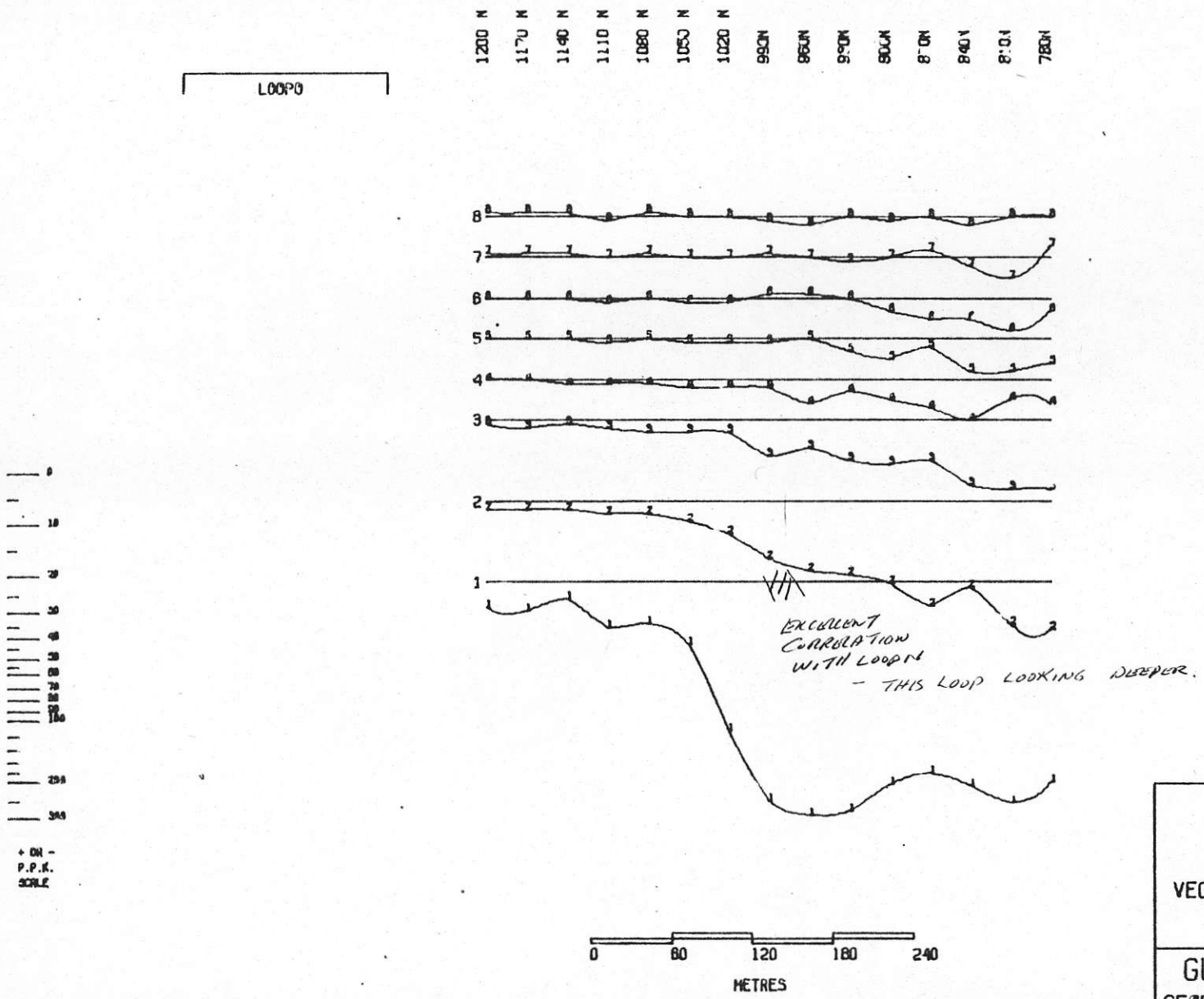
FIG.NO: 7



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200W B

GLEN E. WHITE
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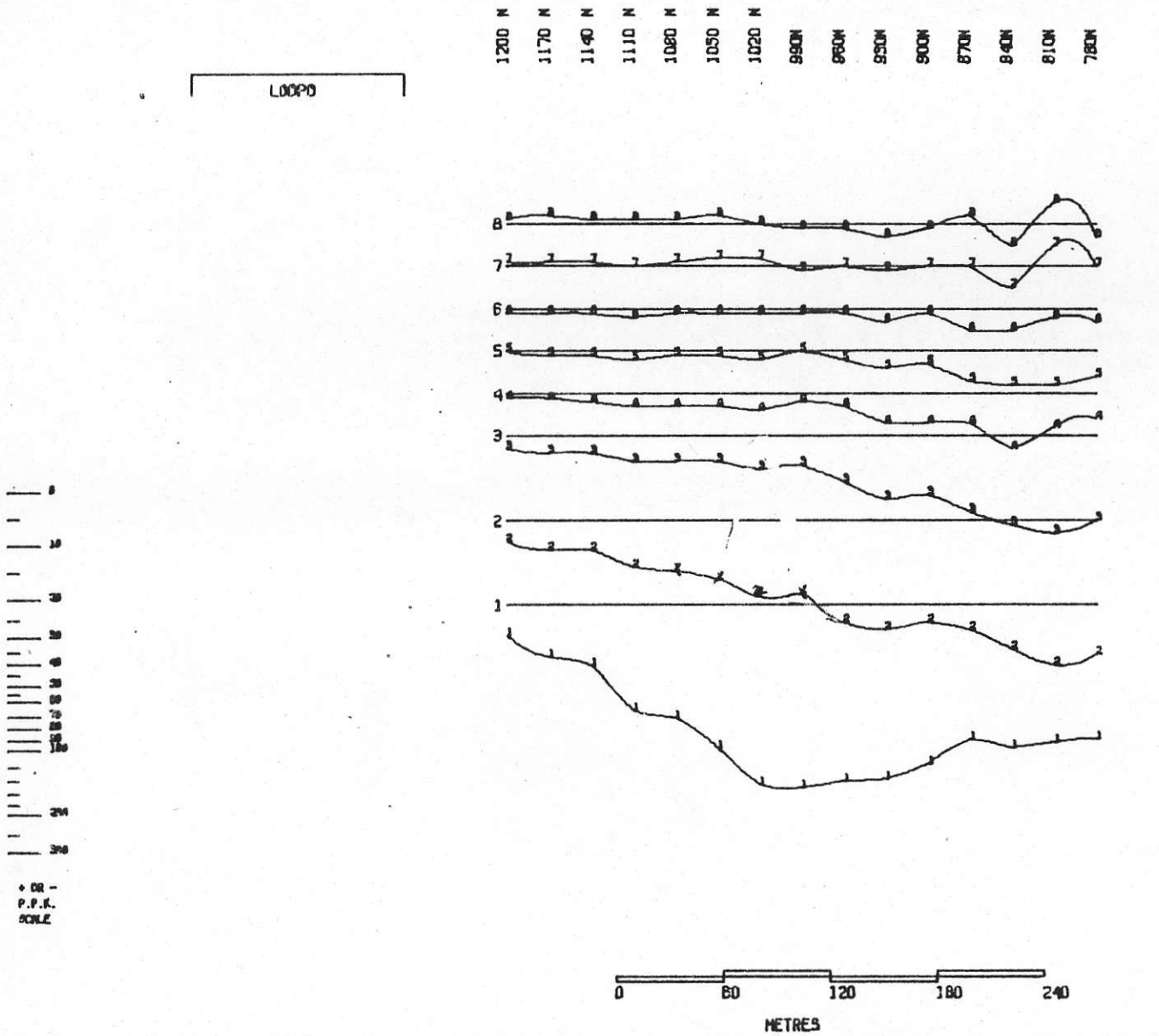
FIG.NO: 8



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200W 0

GLEN E. WHITE
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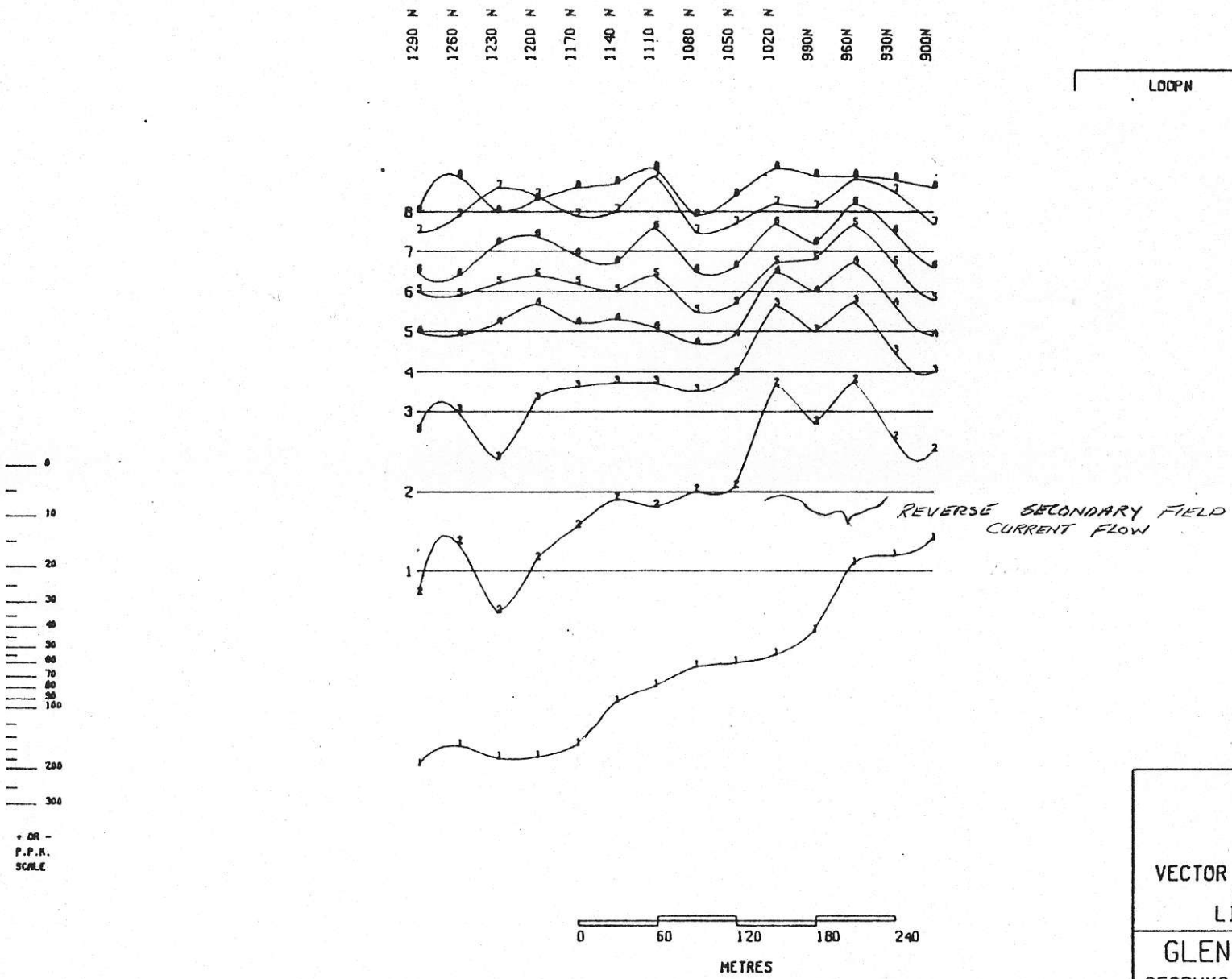
FIG.NO: 9



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800W N

GLEN E. WHITE
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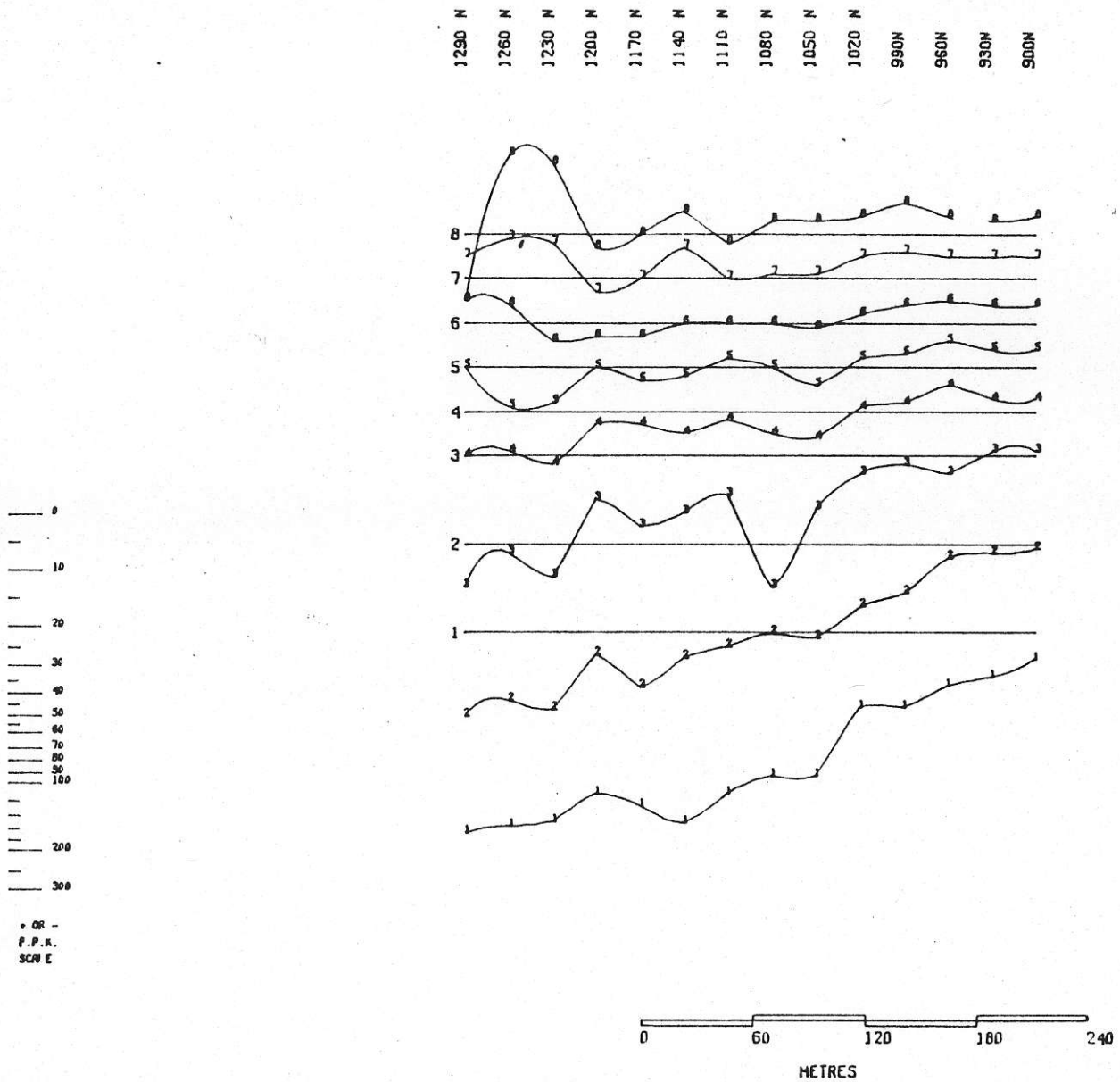
DATE 10 APRIL 1980

FIG.NO: 10



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 800W N

GLEN E. WHITE
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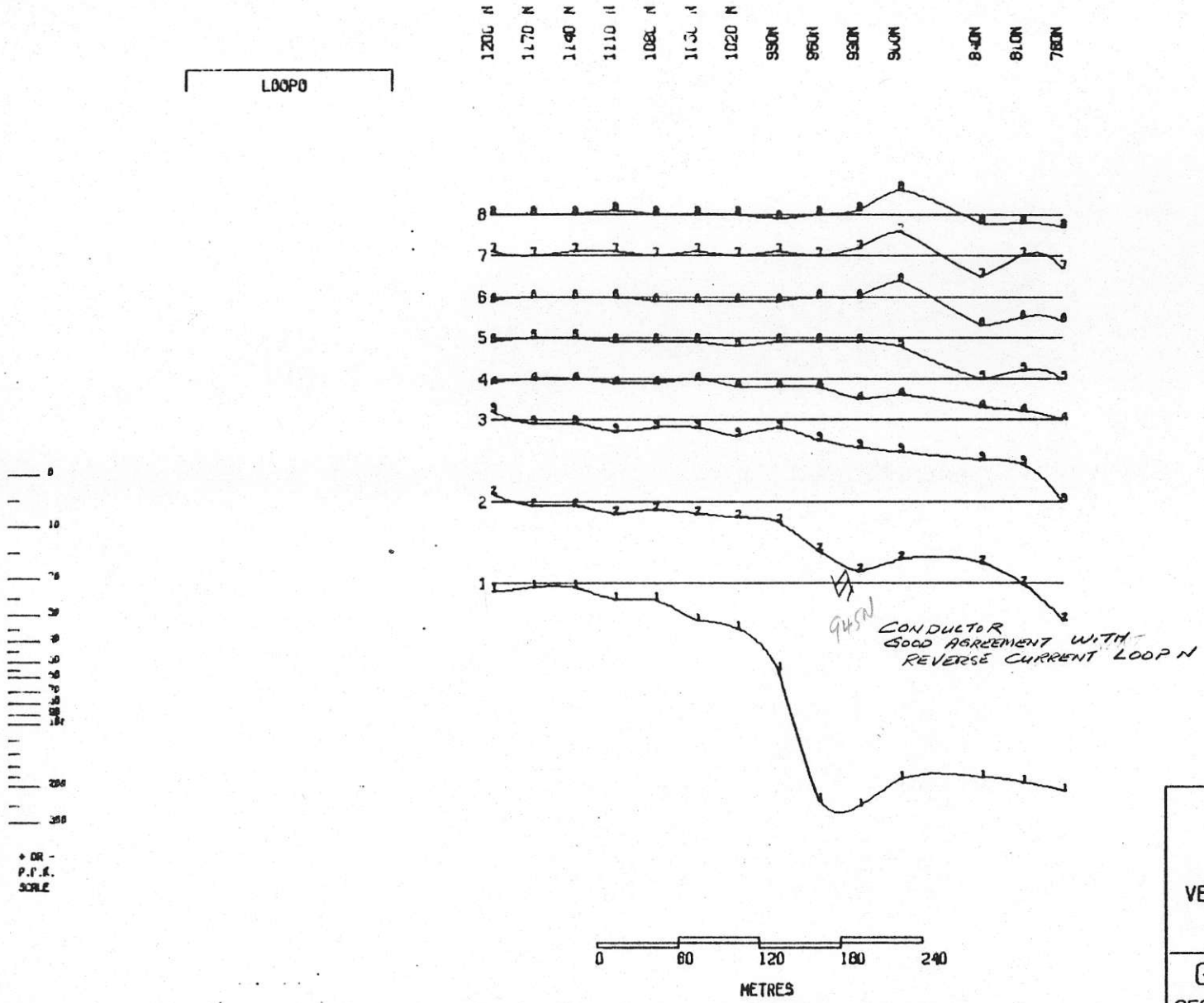
DATE 10 APRIL 1980

FIG.NO: //



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800W 0

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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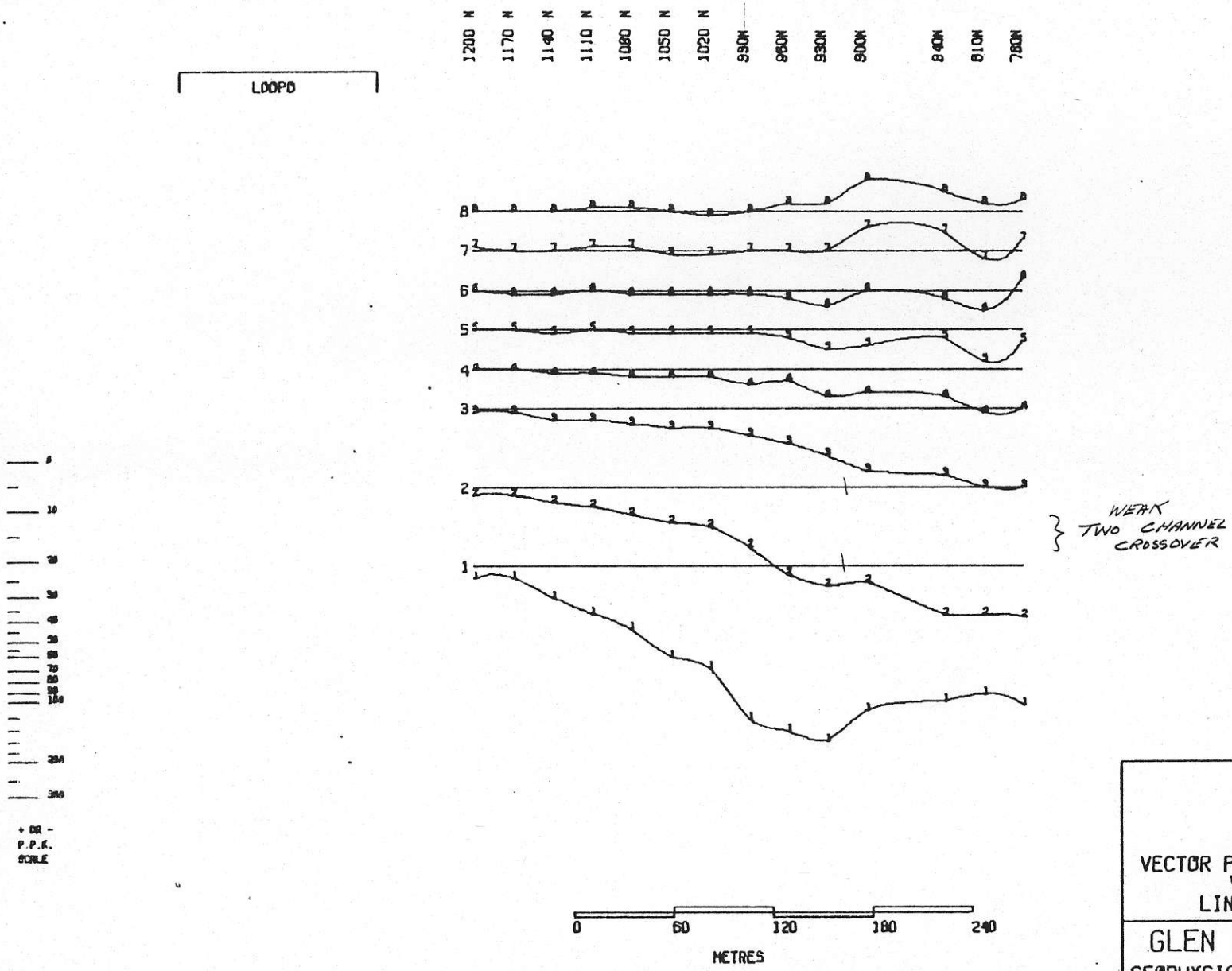
FIG.NO: 12



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 800W 0

GLEN E. WHITE
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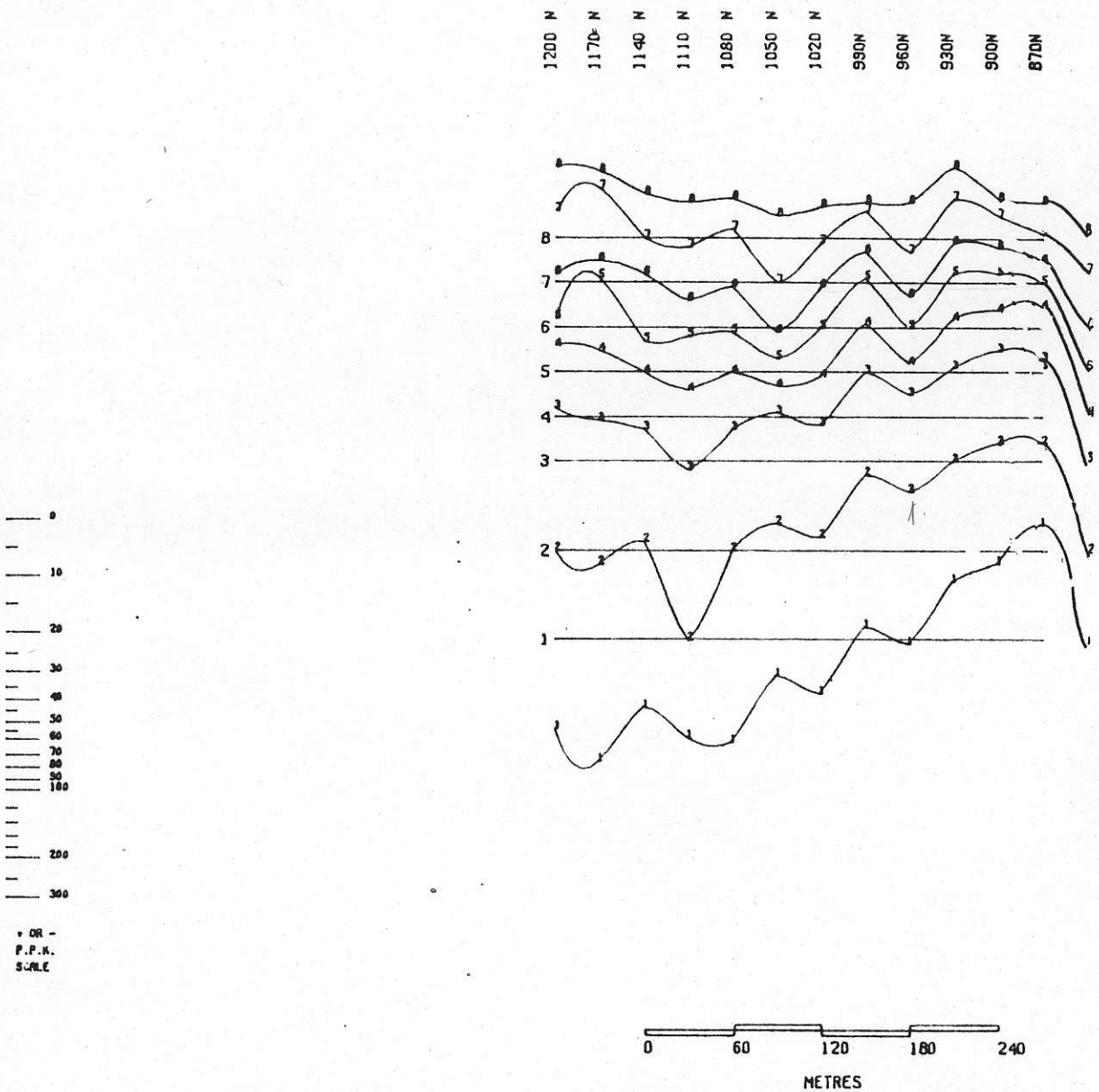
FIG.NO: 13



NOTE ABNORAL HIGH + VALUES CLOSE TO LOOP WOULD SUGGEST A GOOD FLAT CONDUCTOR AT DEPTH - VERTICAL COMPONENT GIVES A SMALL CROSSOVER

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400W N

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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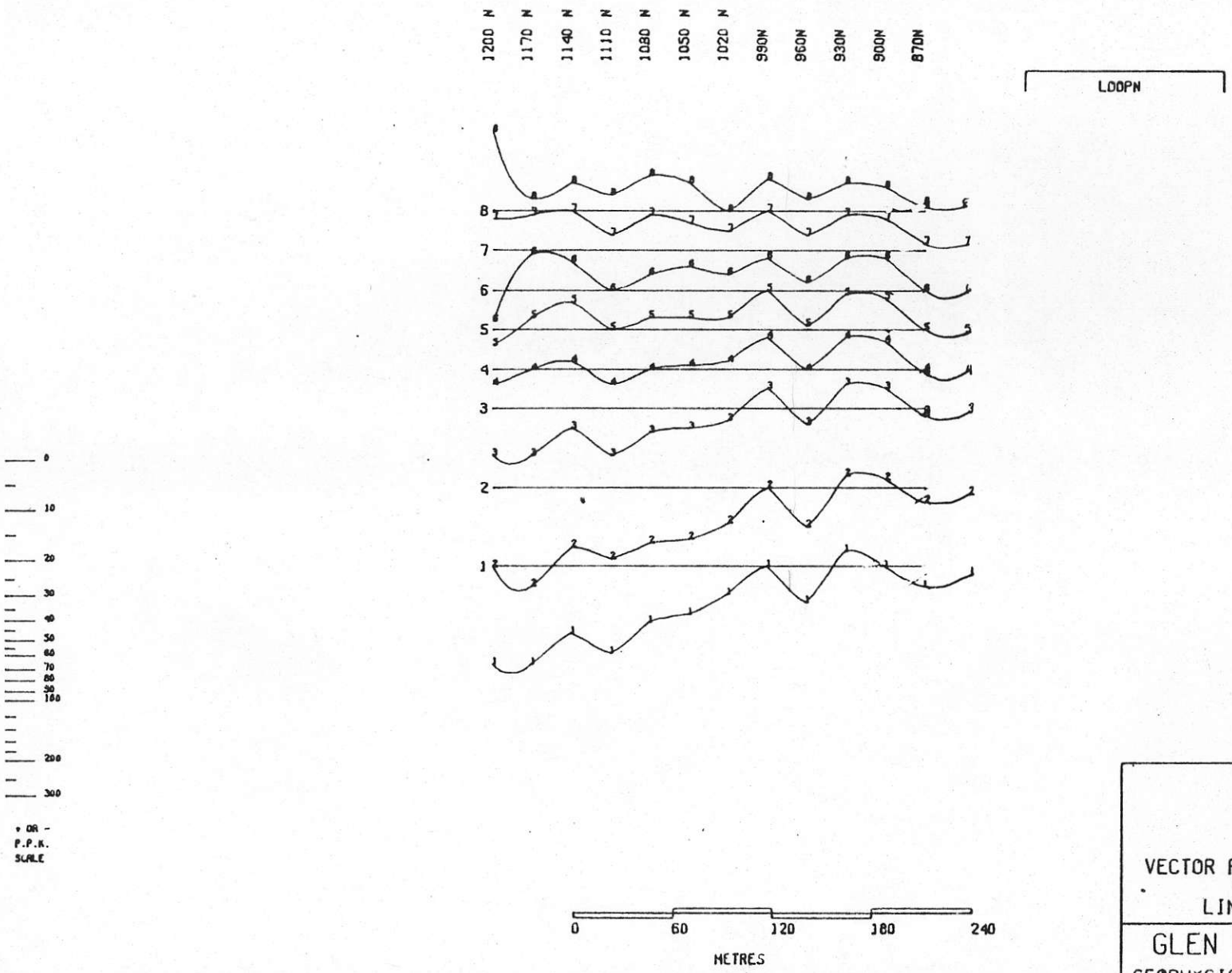
DATE 10 APRIL 1980
FIG.NO: 14



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400W N

GLEN E. WHITE
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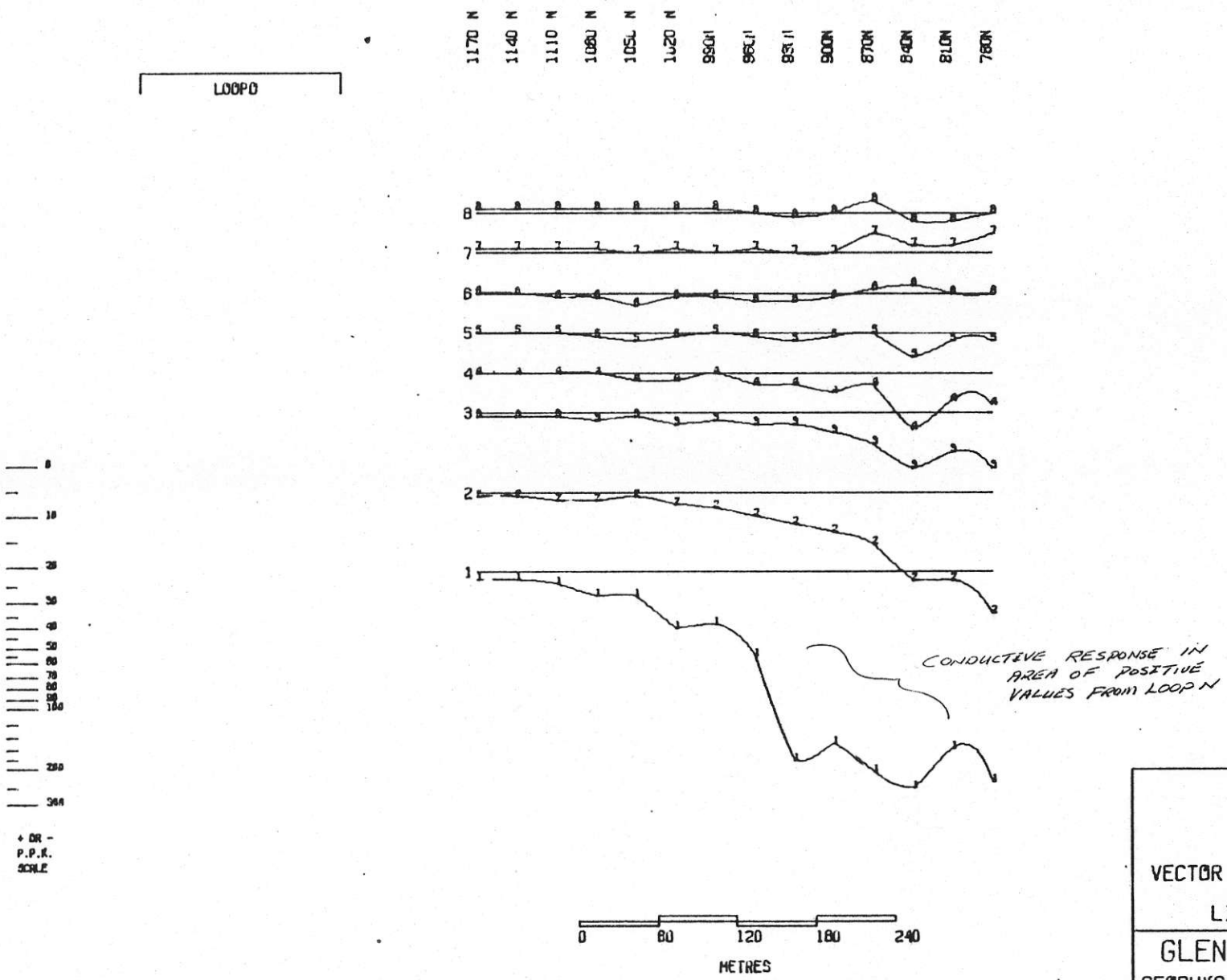
FIG.NO: 15



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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400W 0

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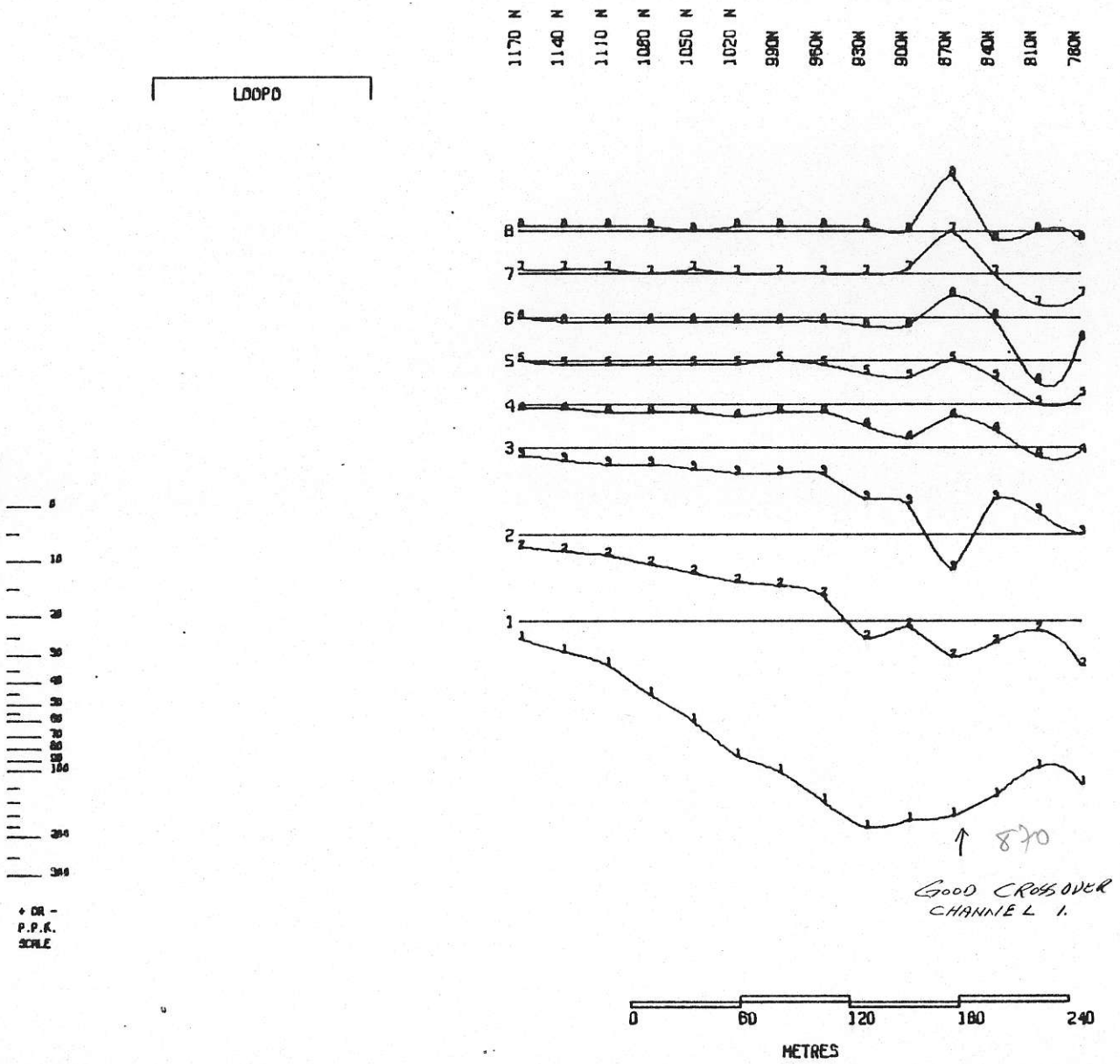
FIG.NO: 16



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400W 0

GLEN E. WHITE
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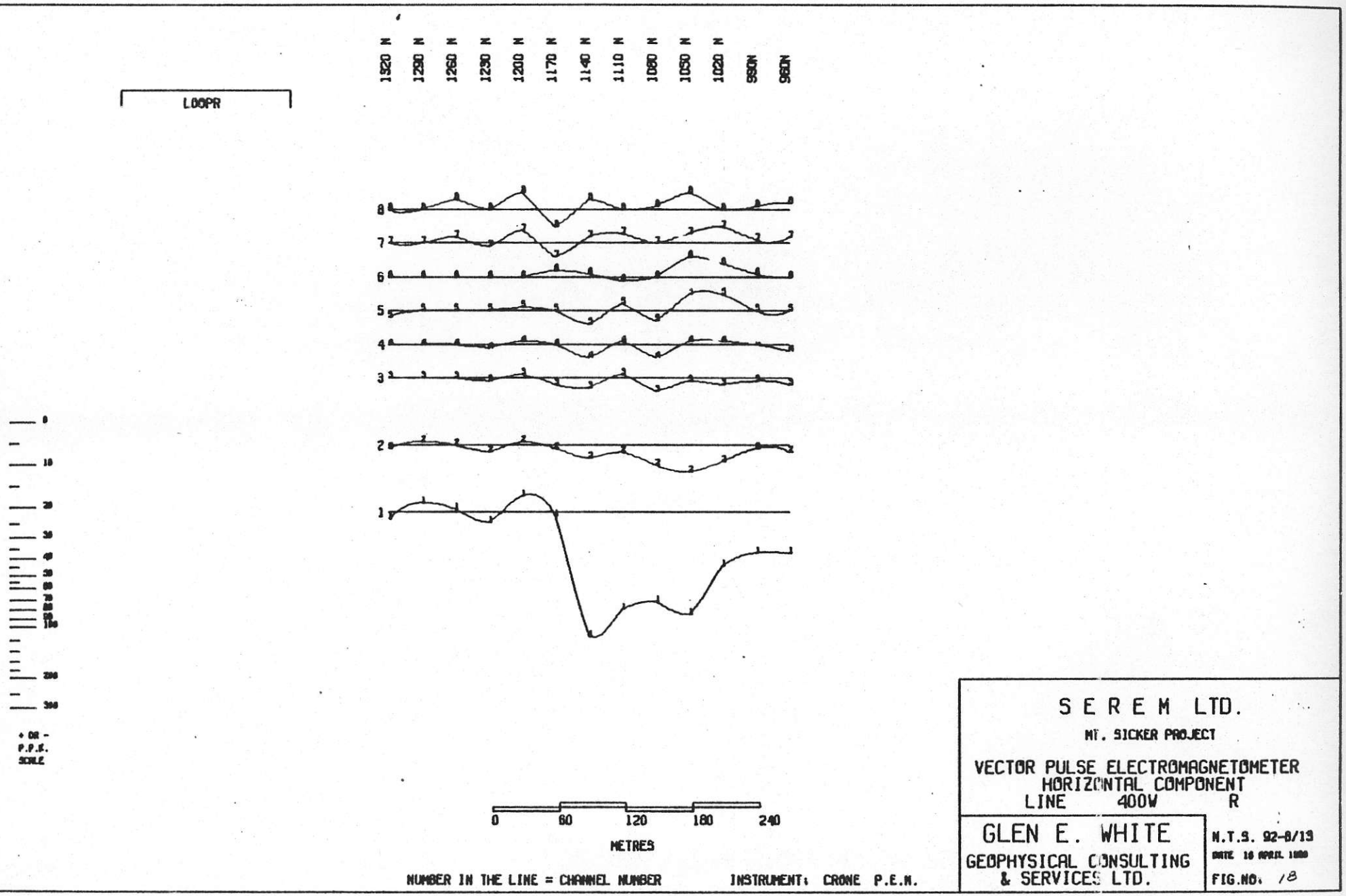
DATE 18 APRIL 1980
FIG.NO: 17


LOOPR
1320 N
1290 N
1260 N
1230 N
1200 N
1170 N
1140 N
1110 N
1080 N
1050 N
1020 N
990N
960N
8
7
6
5
4
3
2
1
0
10
20
30
40
50
60
70
80
90
100
200
300
+ OR -
P.P.S.
SCALE
0
60
120
180
240
METRES
NUMBER IN THE LINE = CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.
S E R E M LTD.
MT. SICKER PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400W R
GLEN E. WHITE
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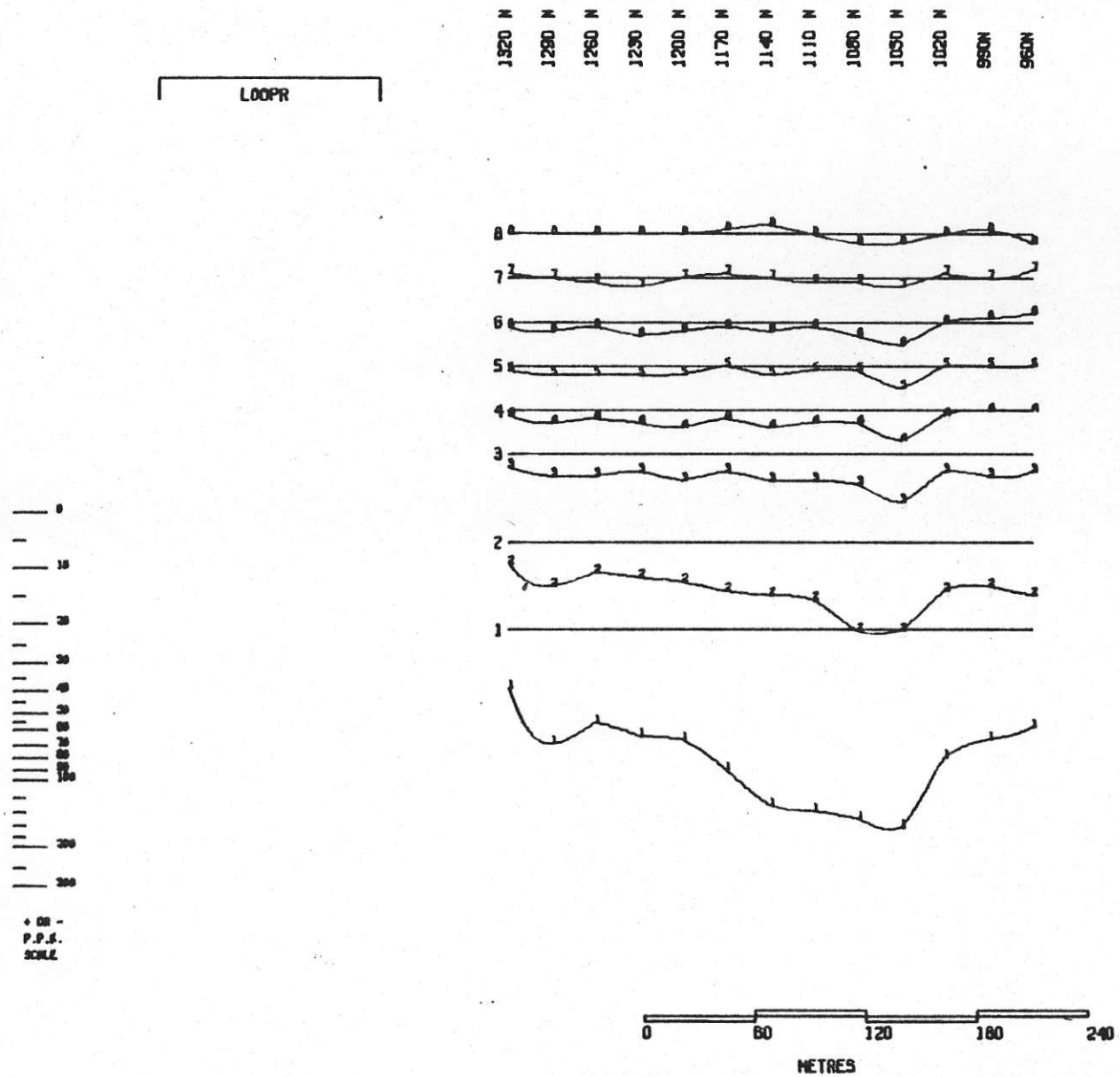
DATE 10 APRIL 1980
FIG.NO. 18



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400W R

GLEN E. WHITE
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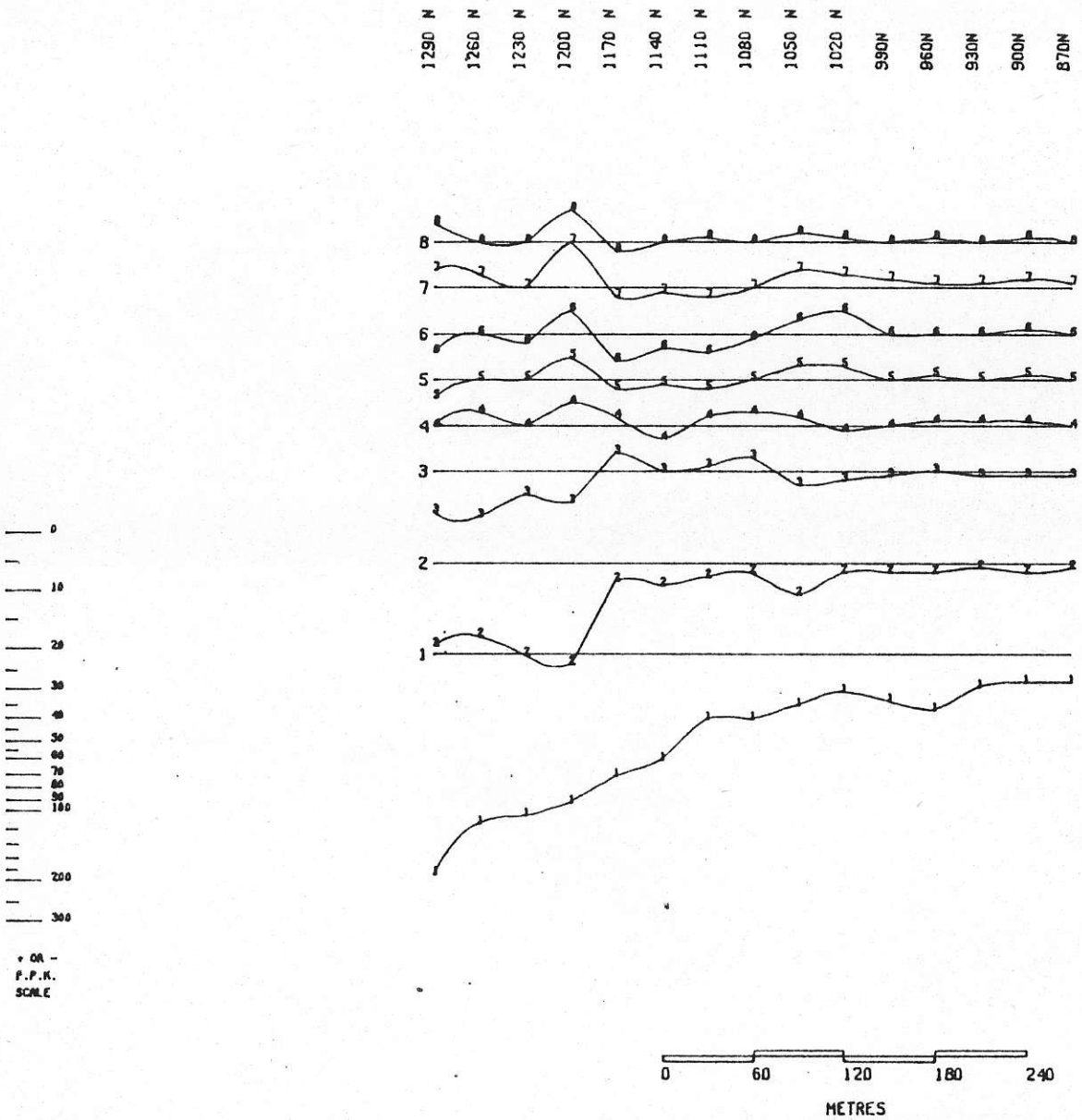
FIG.NO: 10



NOTE
DECREASED
+ HORIZONTAL
COMPONENT VALUES
~
CONDUCTOR AT 0 ENERGIZATION
POSITION ?

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00W N

GLEN E. WHITE
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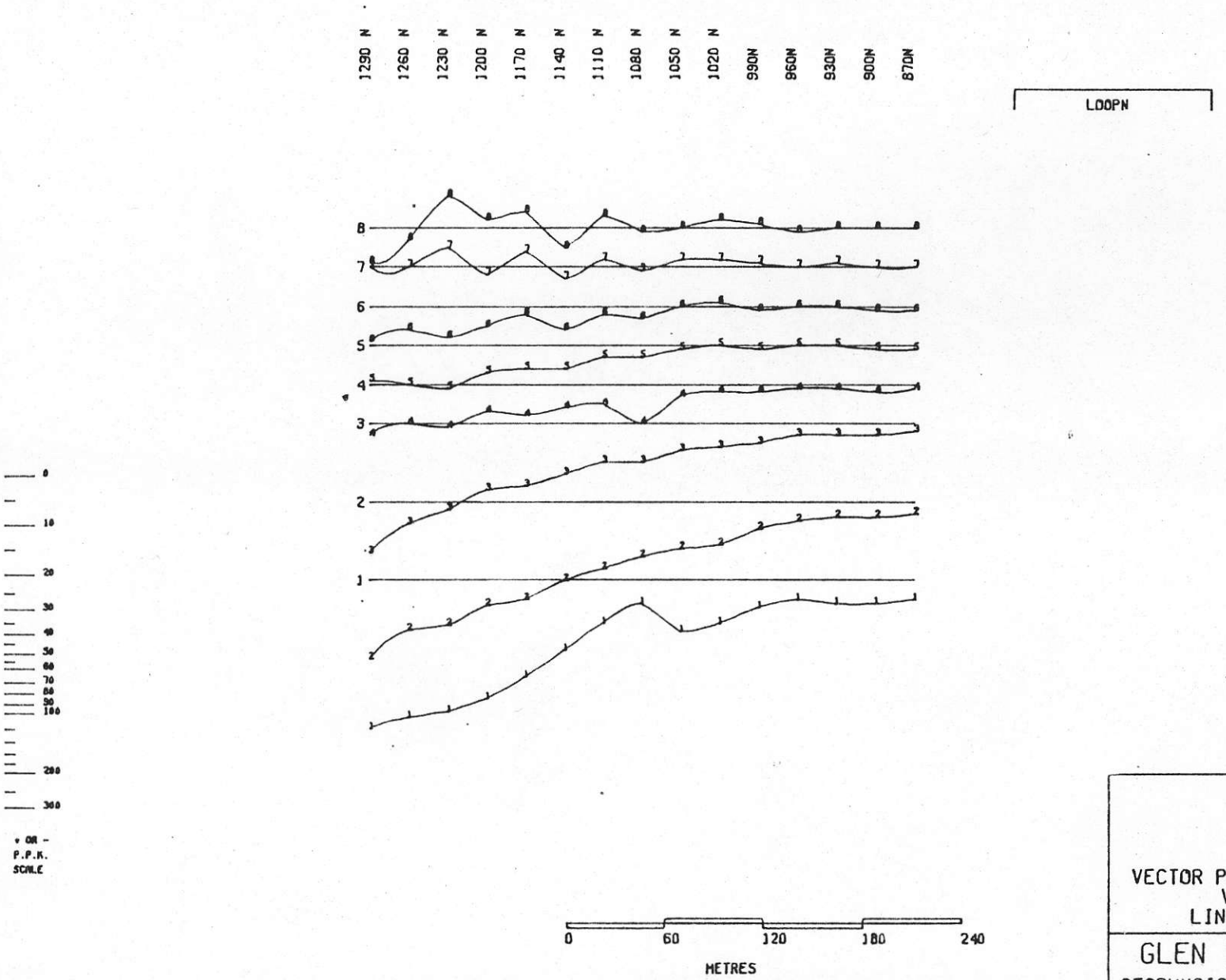
FIG.NO: 20



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00W N

GLEN E. WHITE
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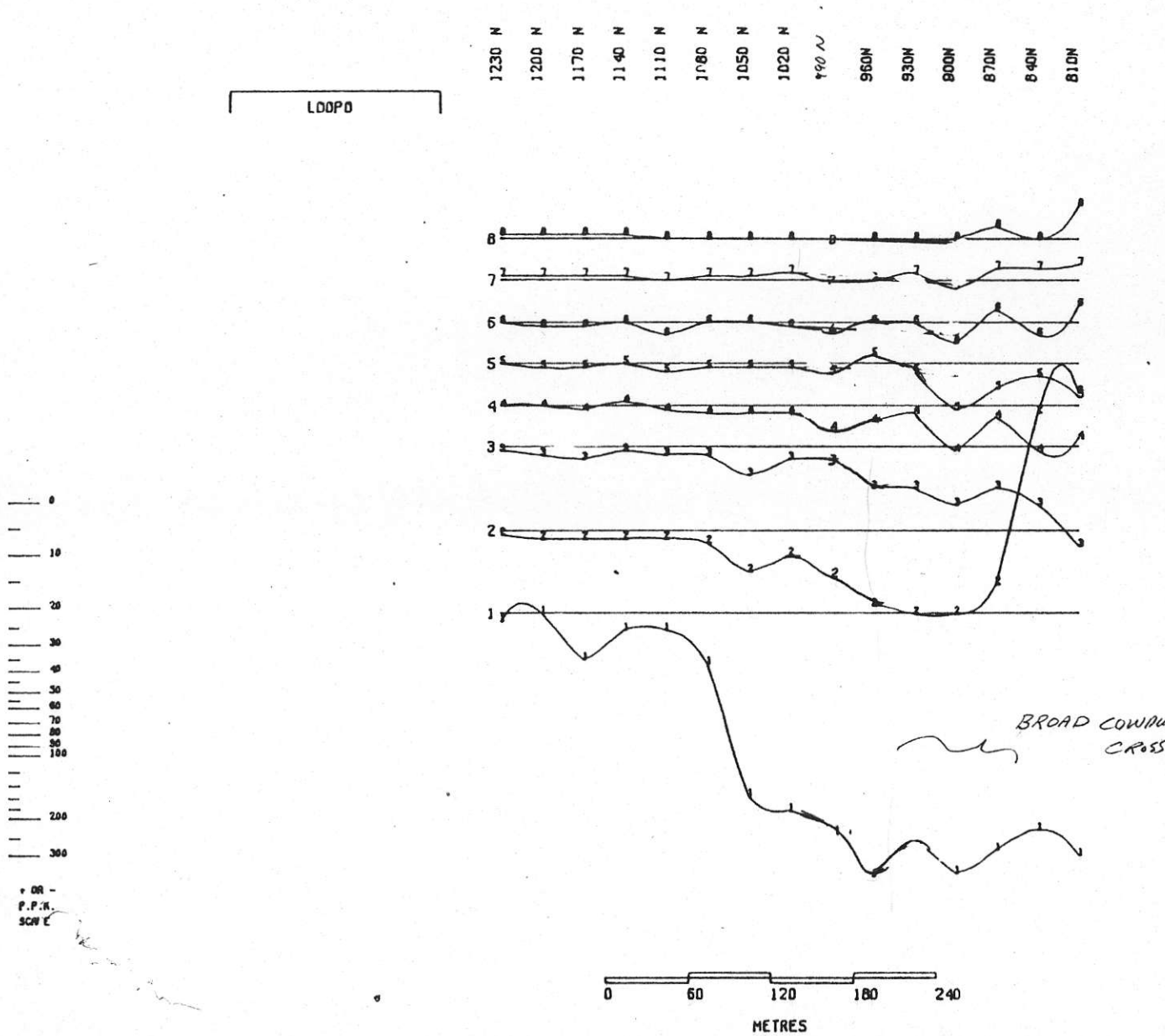
DATE 10 APRIL 1980
FIG.NO: 21



BROAD CONDUCTIVE RESPONSE WITH CROSSOVER. - SUGGESTS SOURCE RAKING TO THE EAST WITH RESPECT TO TOPOGRAPHY

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 000W 0

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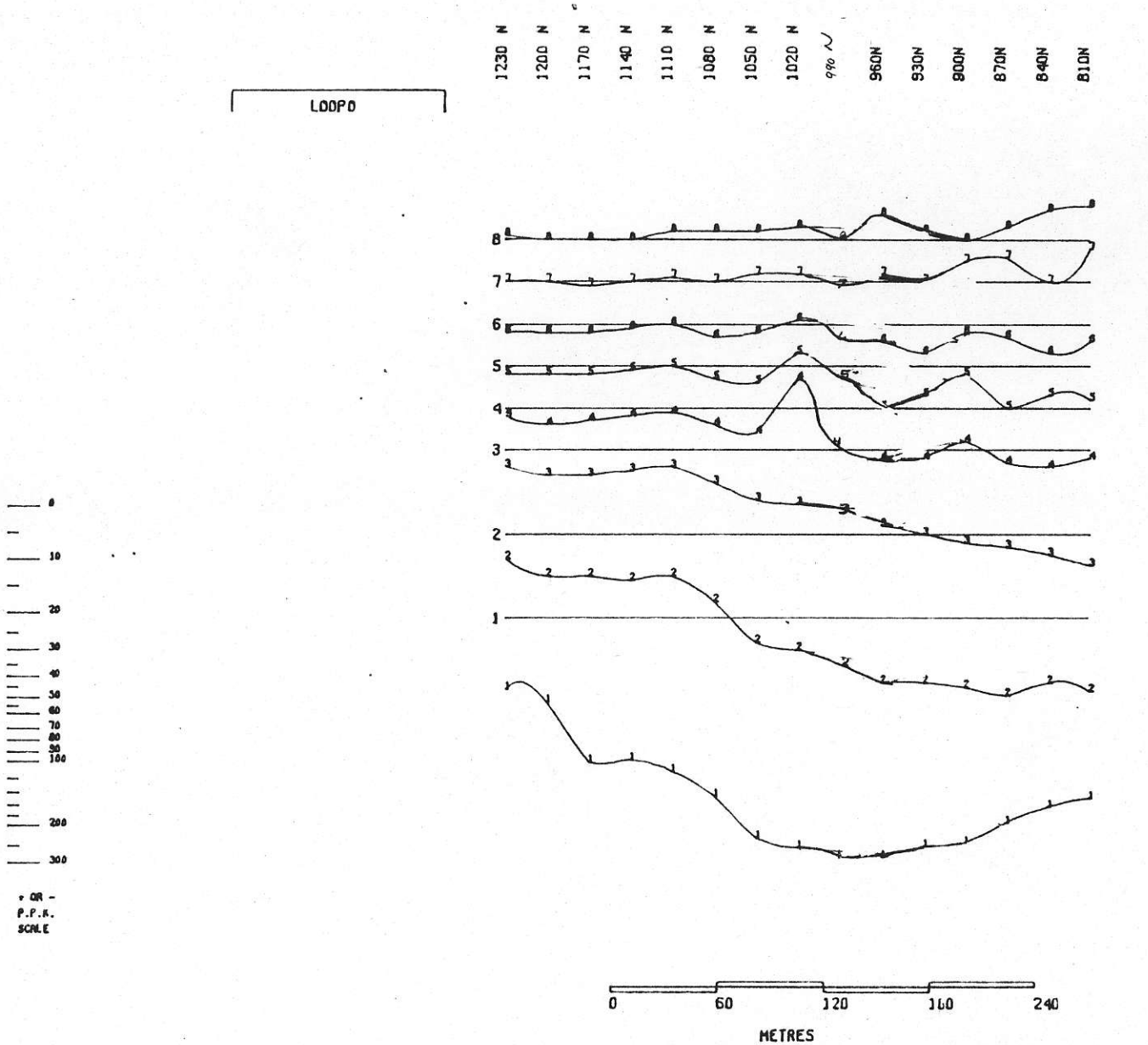
FIG.NO: 22



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 000W 0

GLEN E. WHITE
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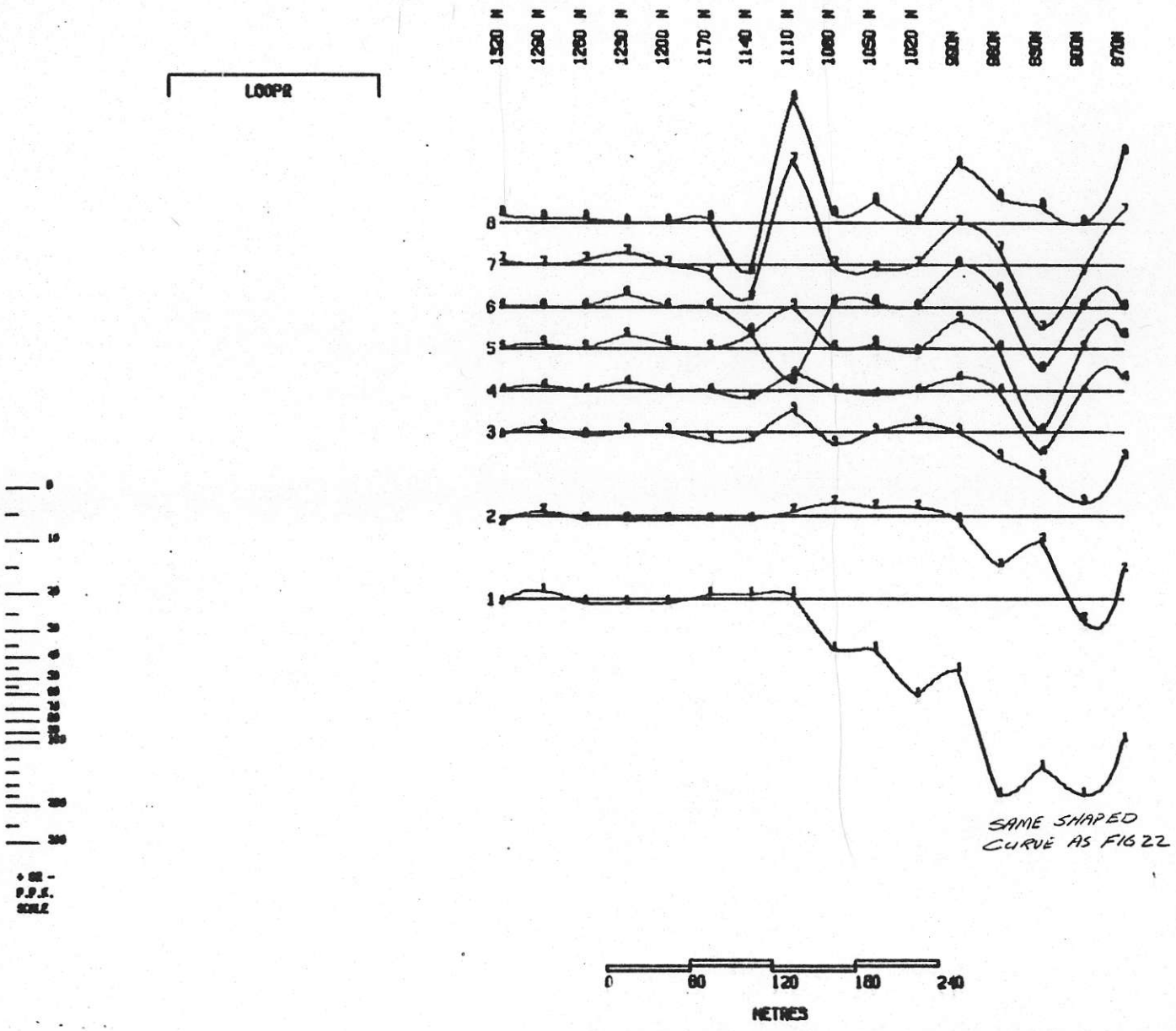
DATE 10 APRIL 1980
FIG.NO: 23



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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00W R

GLEN E. WHITE
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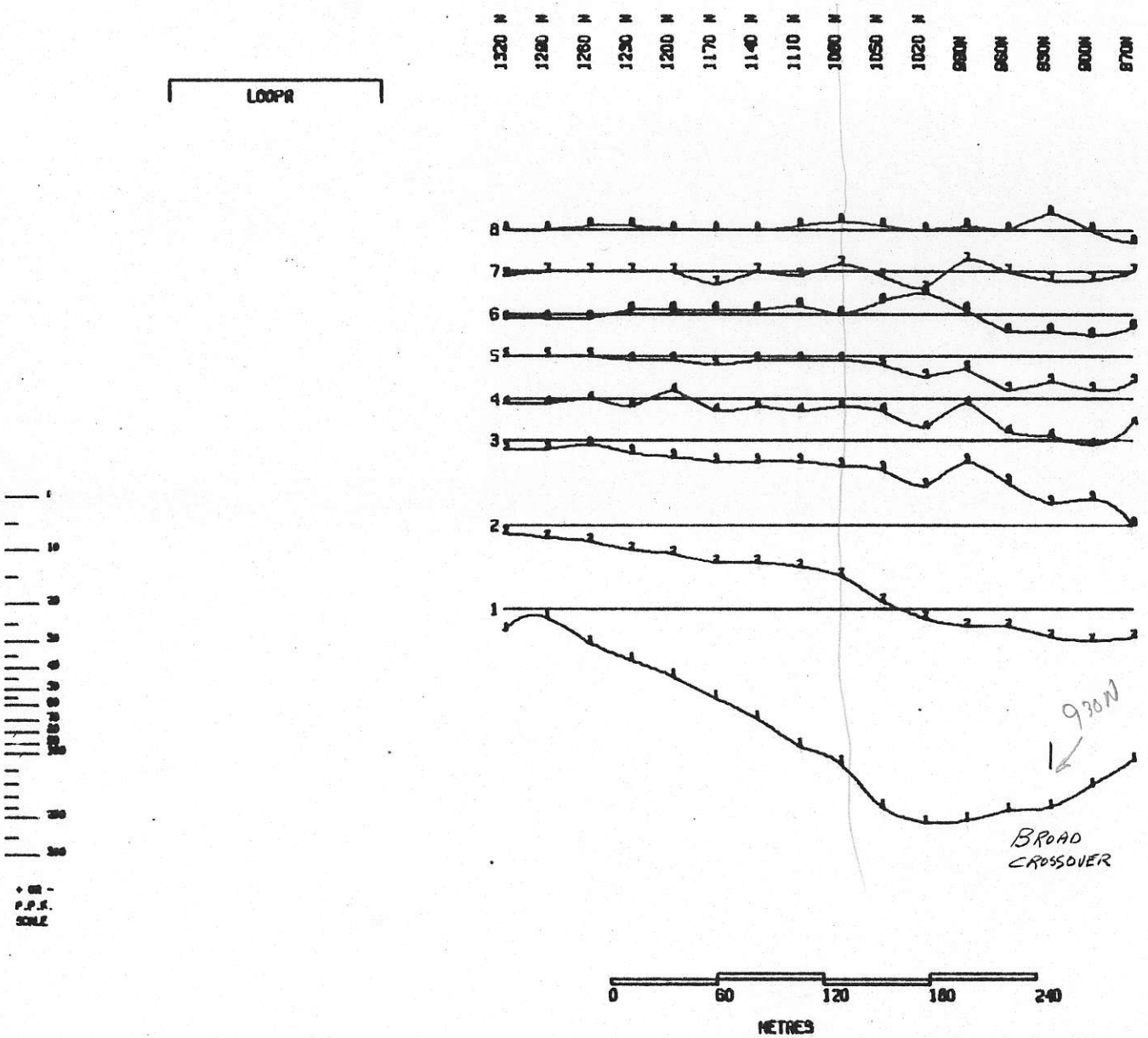
& SERVICES LTD.

N.T.S. 92-B/13
DATE 16 APRIL 1989
FIG.NO: 24



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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00W R

GLEN E. WHITE
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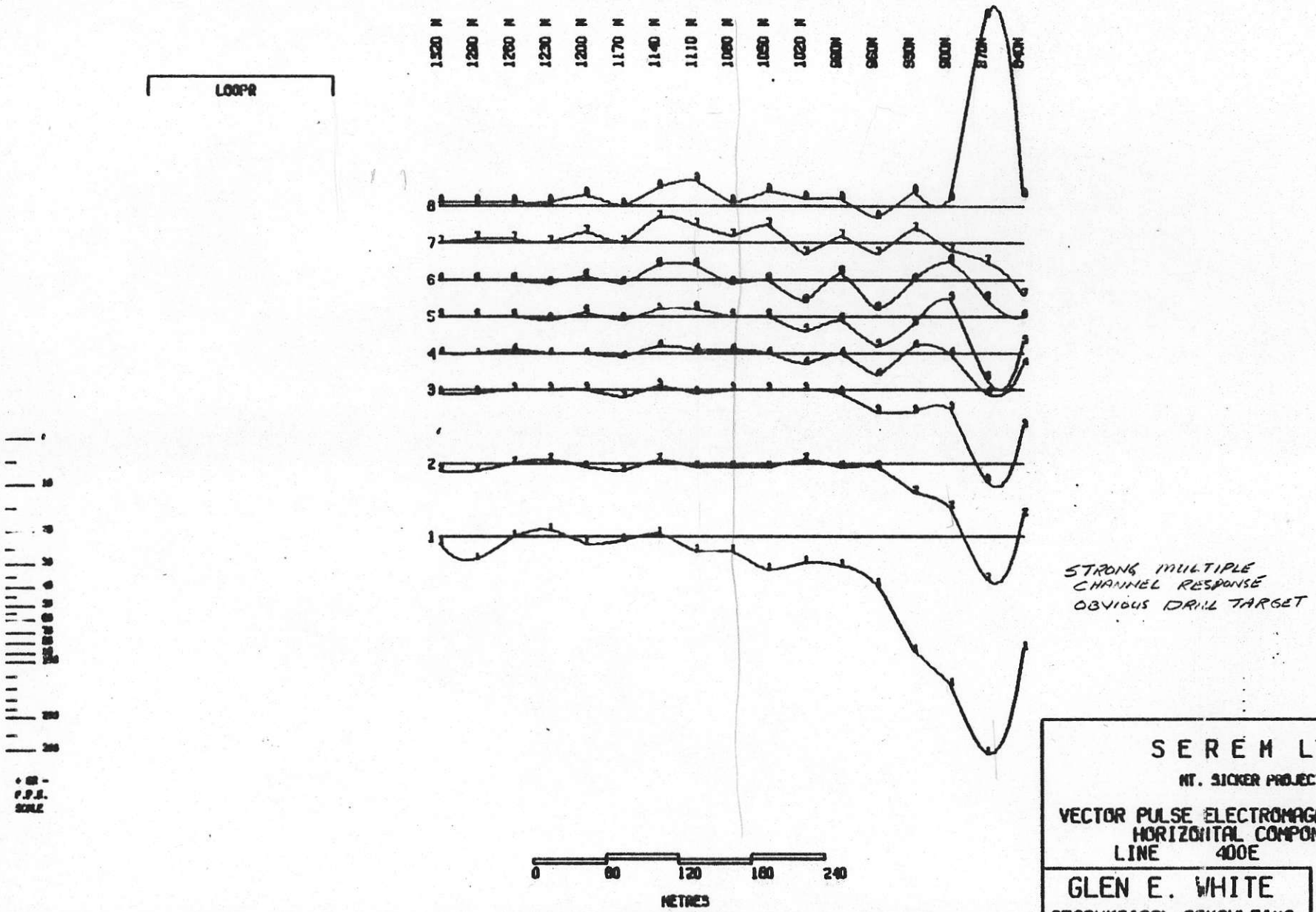
FIG.NO: 25



STRONG MULTIPLE CHANNEL RESPONSE
OBVIOUS DRILL TARGET

SEREM LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400E R

GLEN E. WHITE
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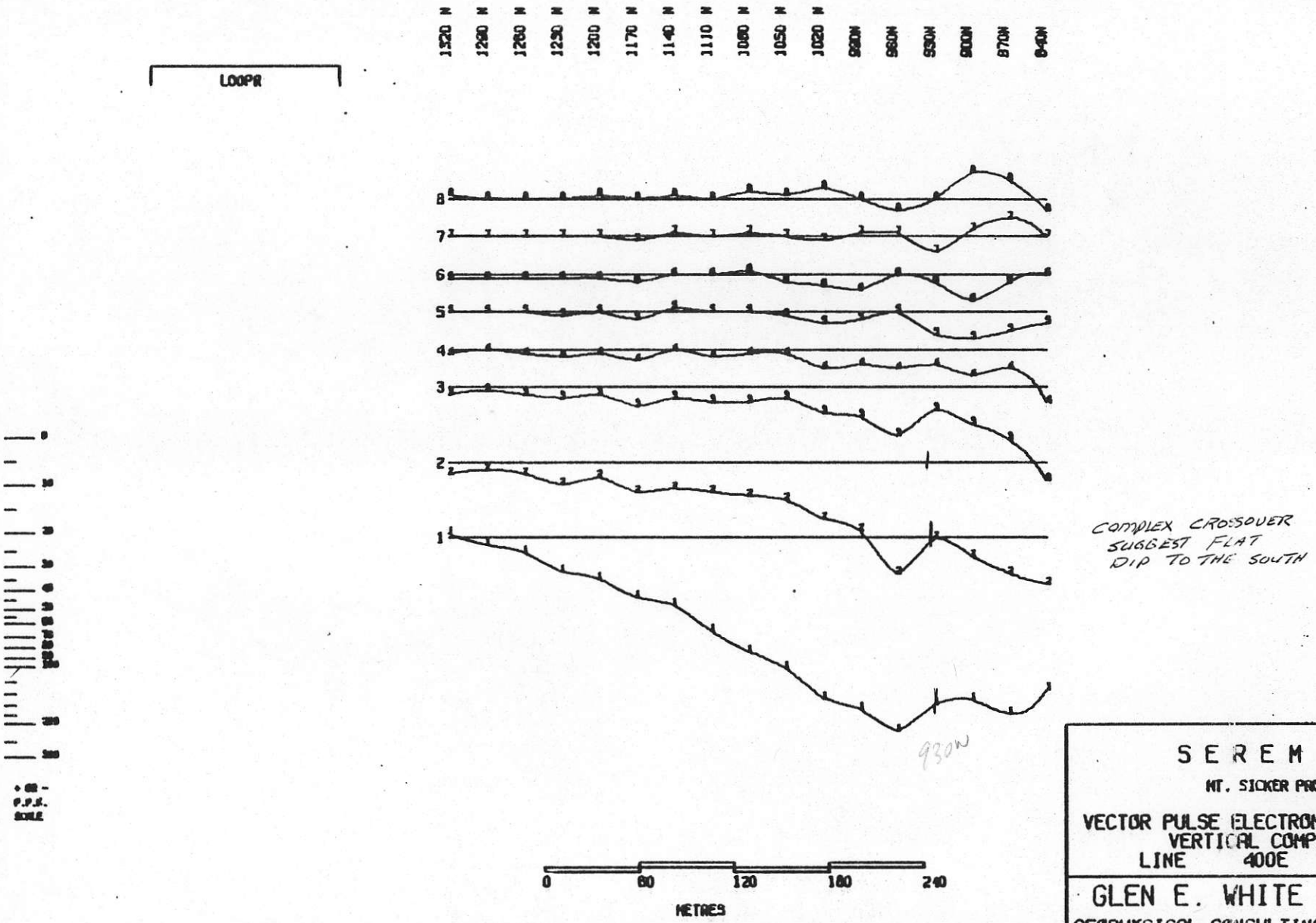
FIG.NO: 26



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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400E R

GLEN E. WHITE
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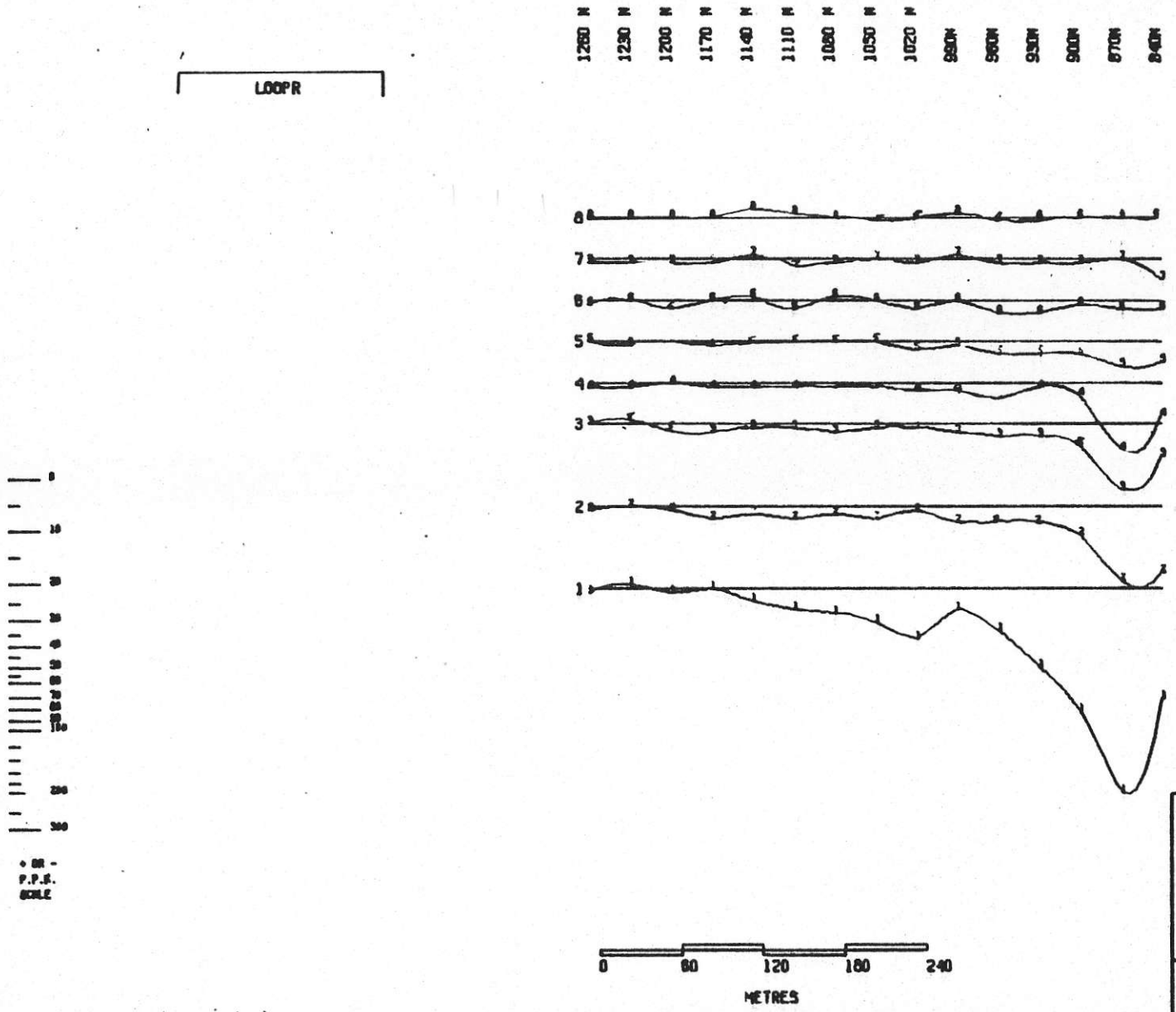
DATE 10 APRIL 1989
FIG.NO: 27



EXCELLENT CORRELATION WITH LINE 400 E

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CROWE P.E.M.

S E R E M . LTD.

MT. SICKER PROJECT

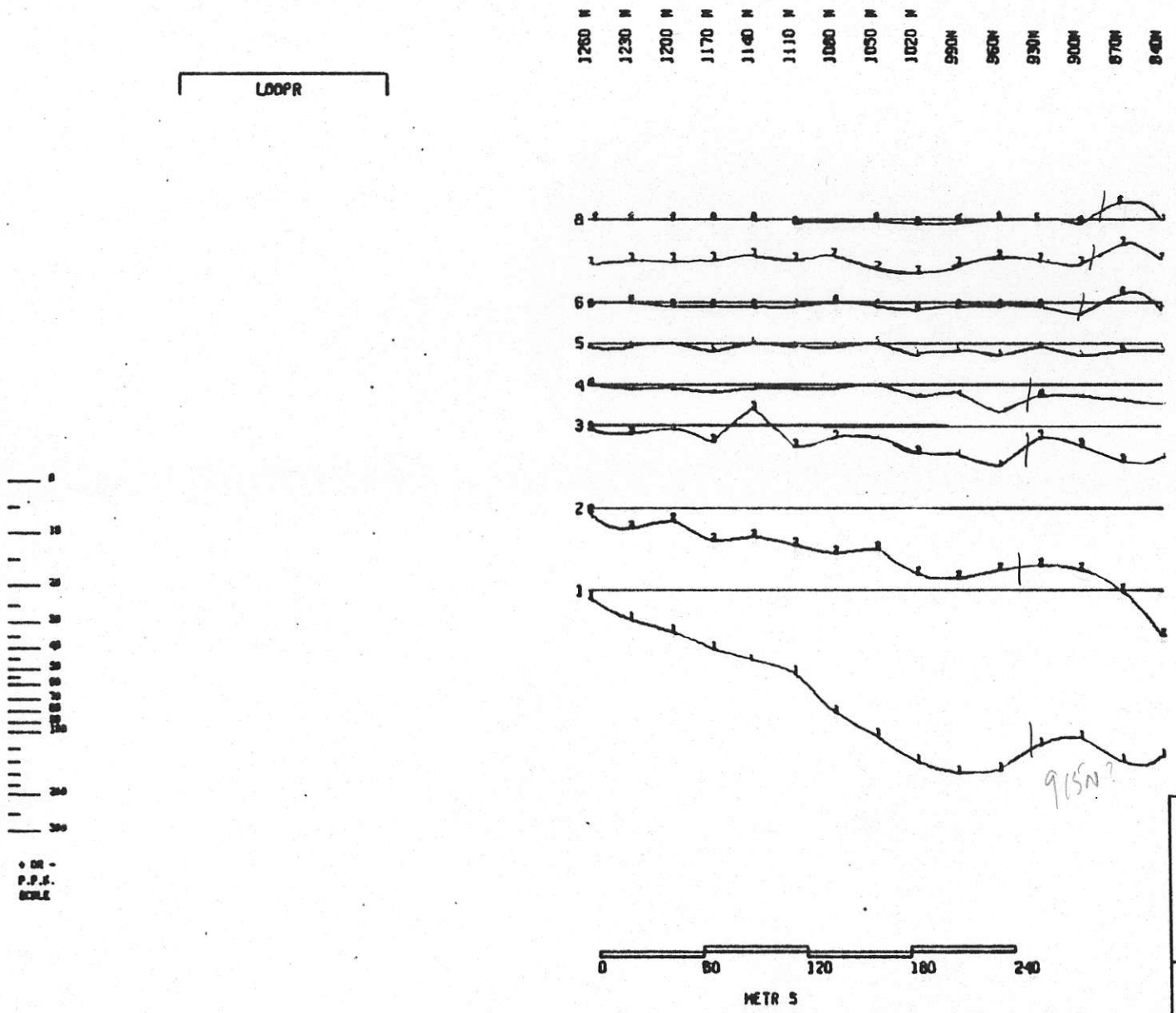
VECTOR PULSE ELECT. OMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800E R

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 92 B/13

DATE: 10 APRIL 1986

FIG.NO: 28



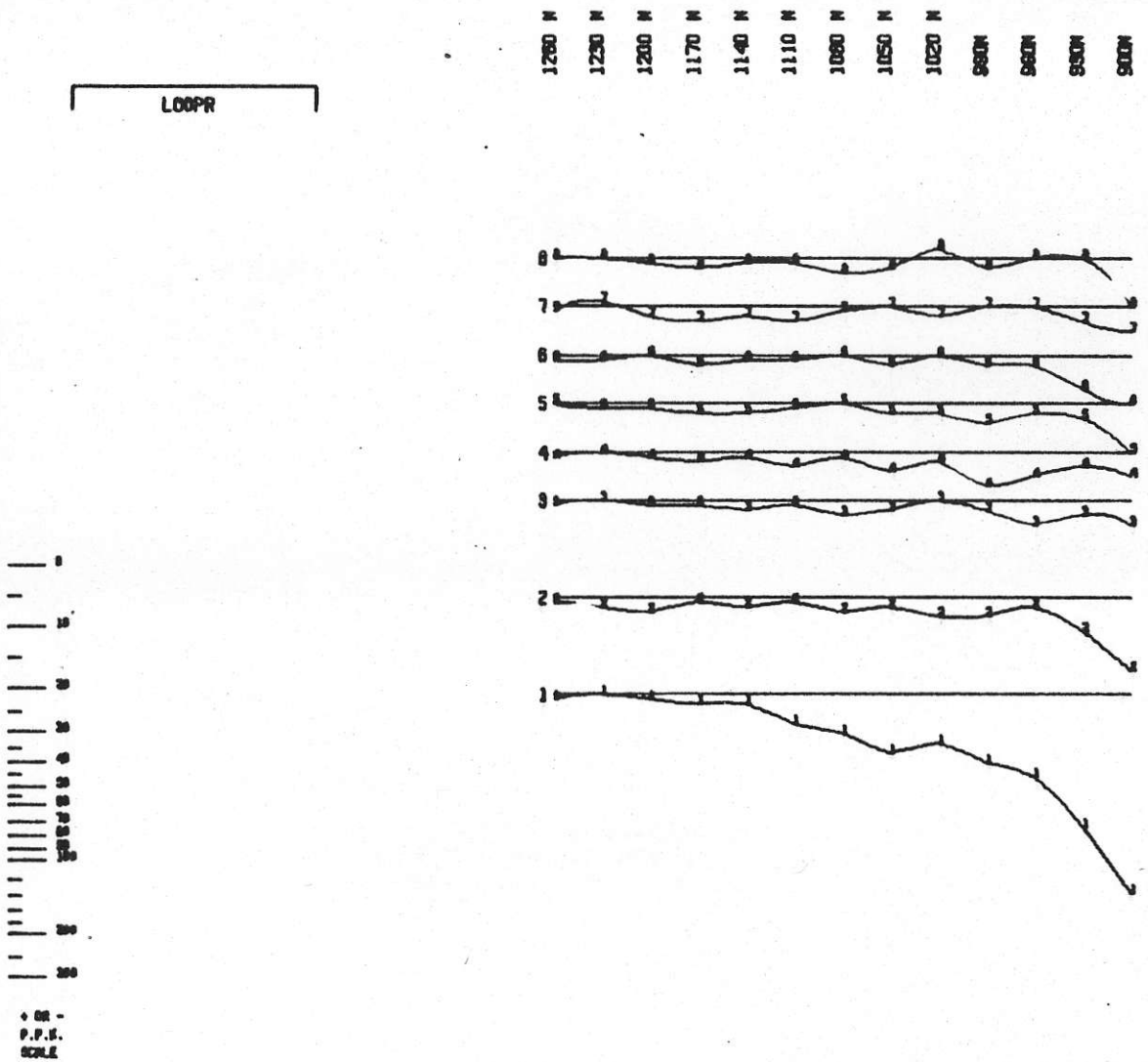
SEREM LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 800E R

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 92-B/13
DATE 14 APRIL 198
FIG.NO: 29



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CROWE P.E.M.

SEREM LTD.

MT. SICKER PROJECT

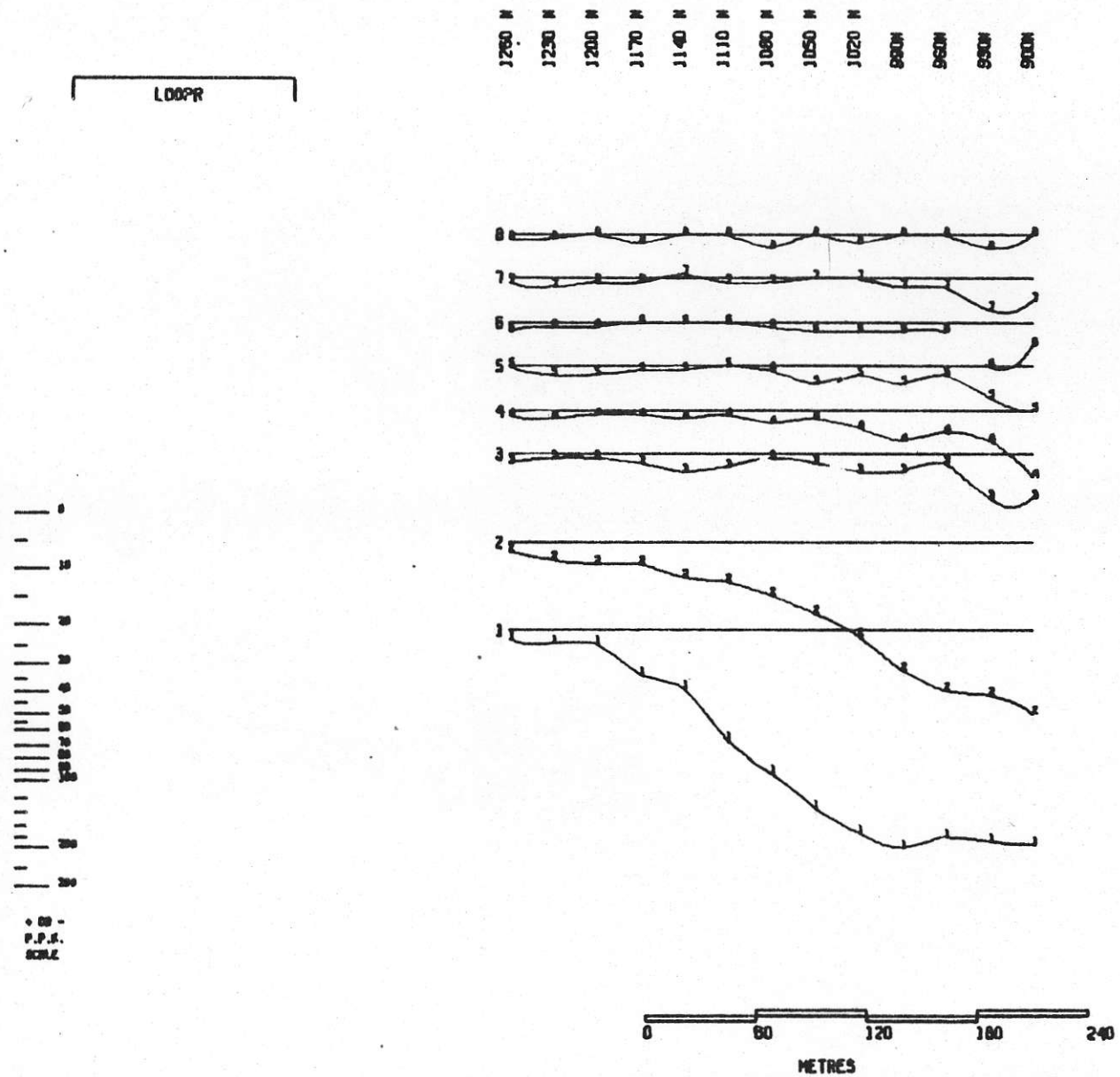
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200E R

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 92-B/13

DATE 10 APRIL 1989

FIG.NO: 30



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200E R

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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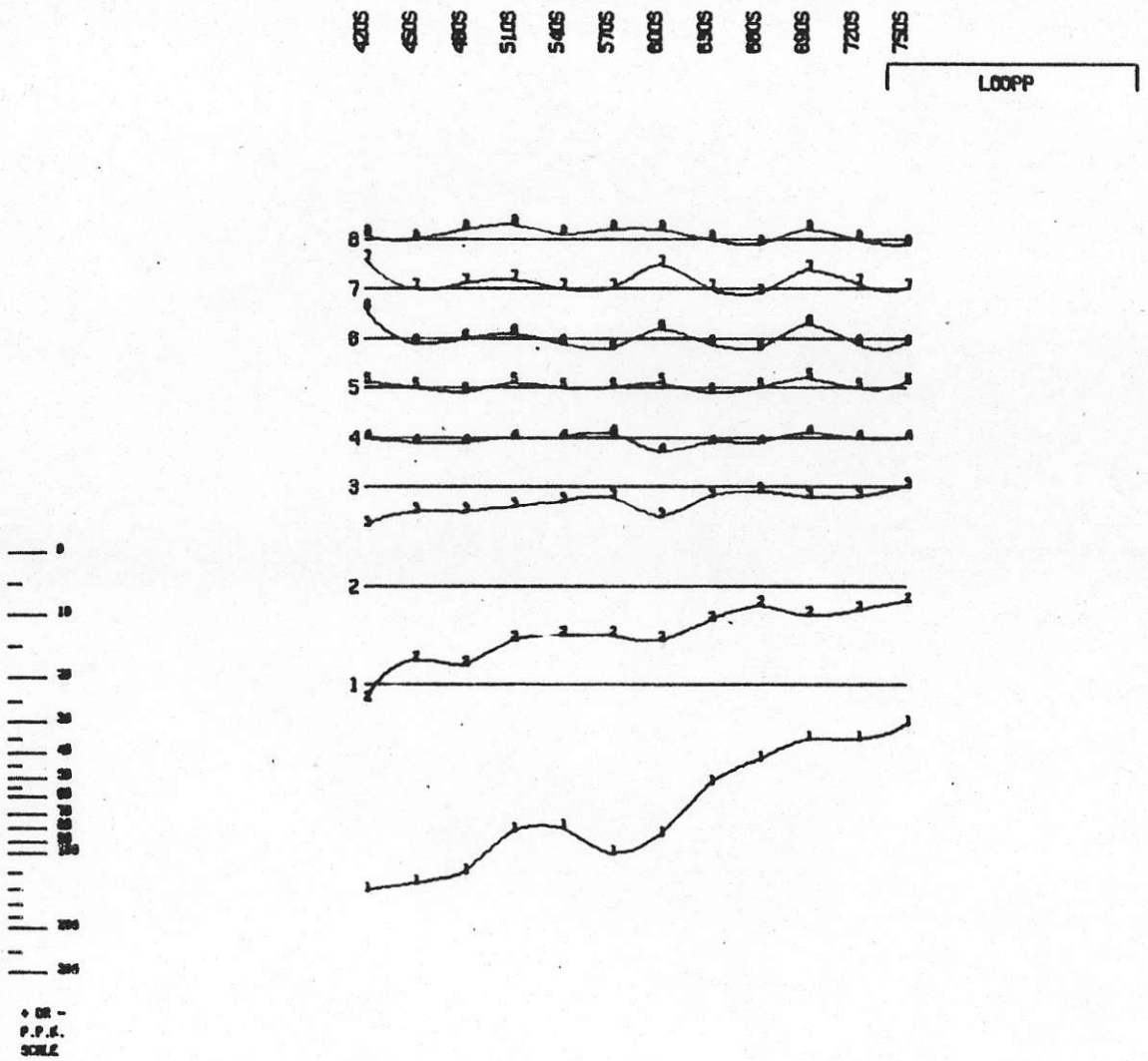
FIG.NO: 31



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1600W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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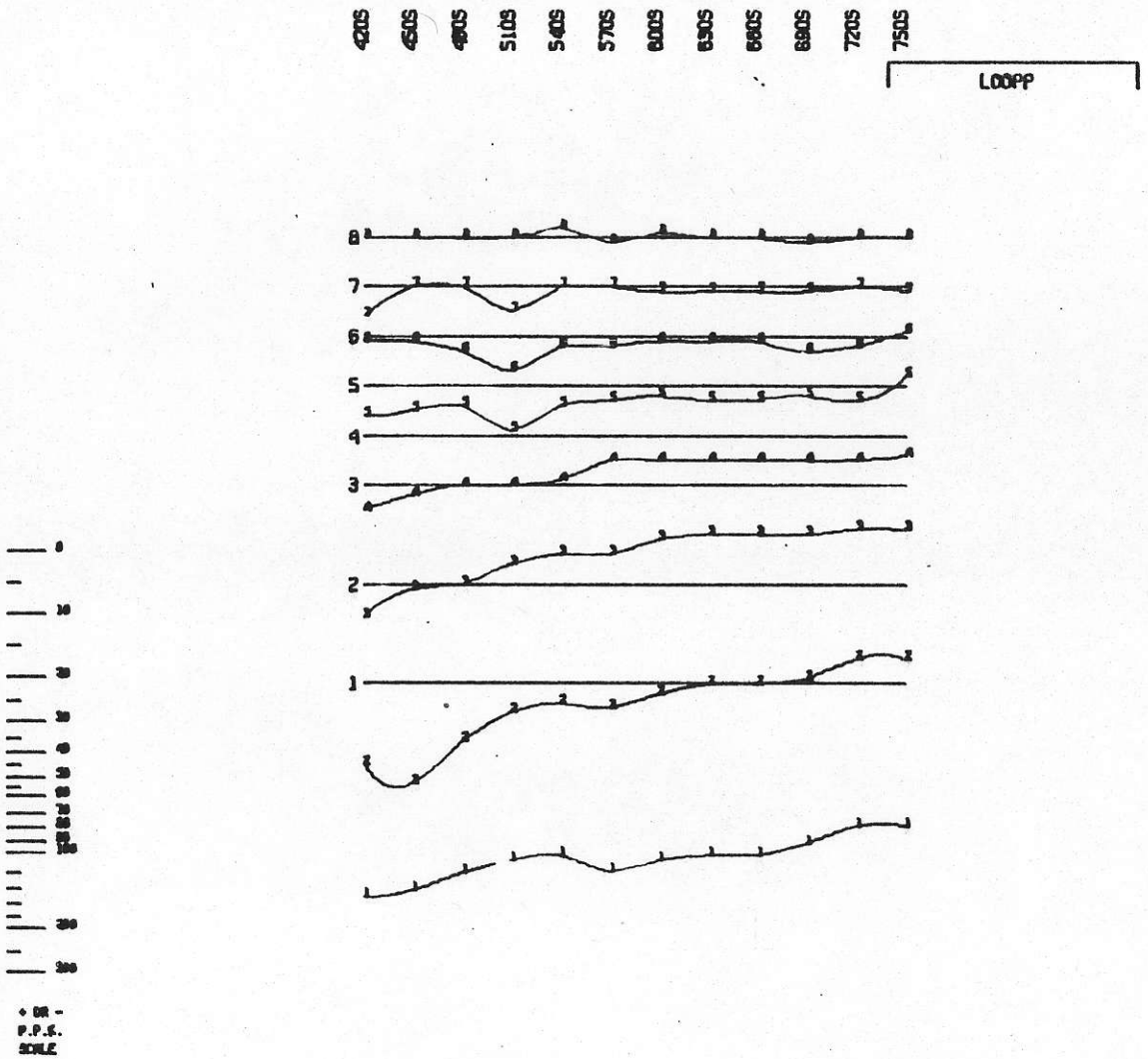
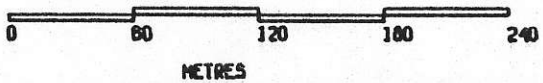
DATE 16 APRIL 1988
FIG.NO: 32





NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1600W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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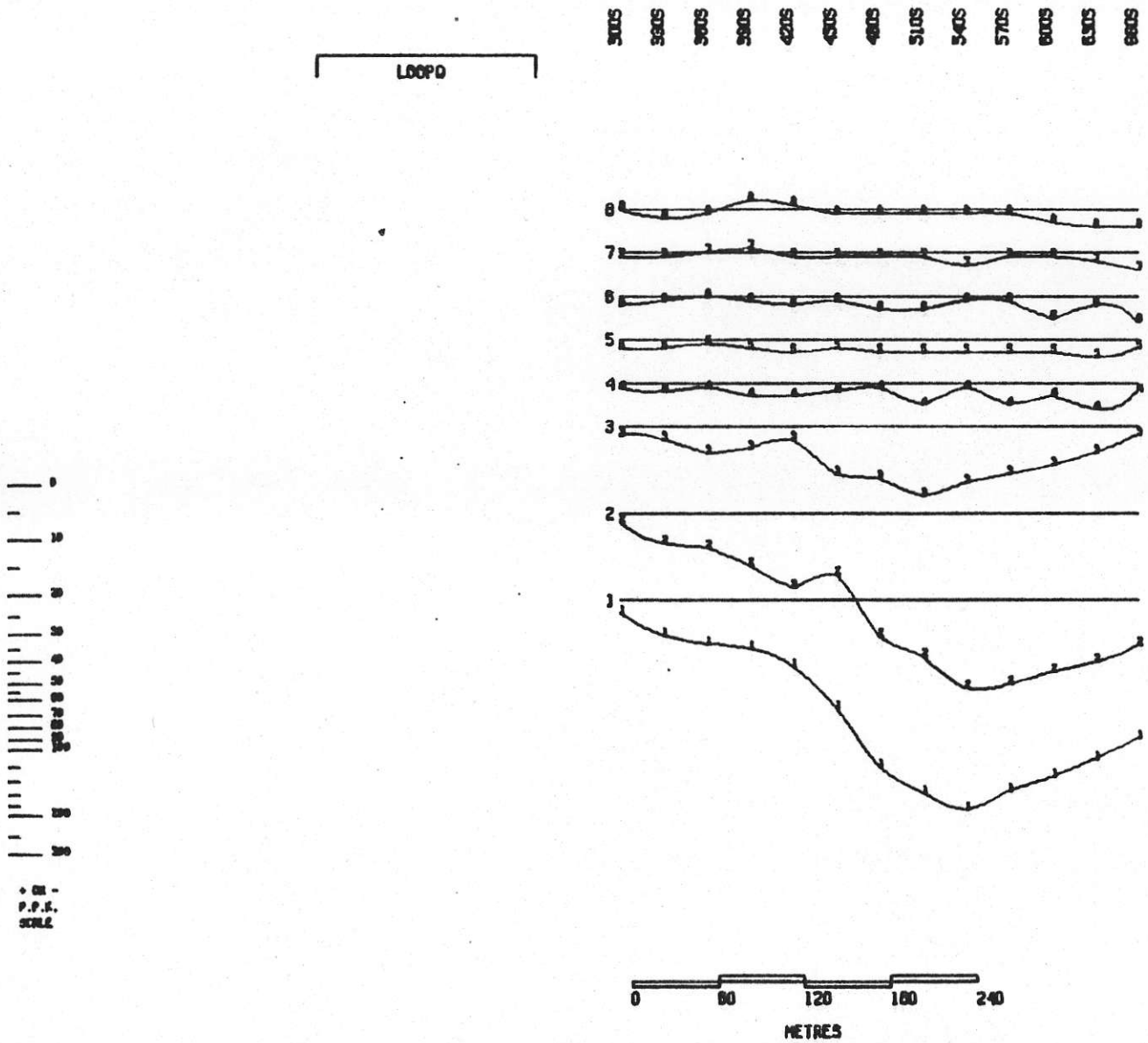
FIG.NO: 33



RESPONSE SIMILAR TO VERTICAL COMPONENT SUGGESTS A CONDUCTOR TREND AT 45° TO LINE

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

SEREM LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1600W Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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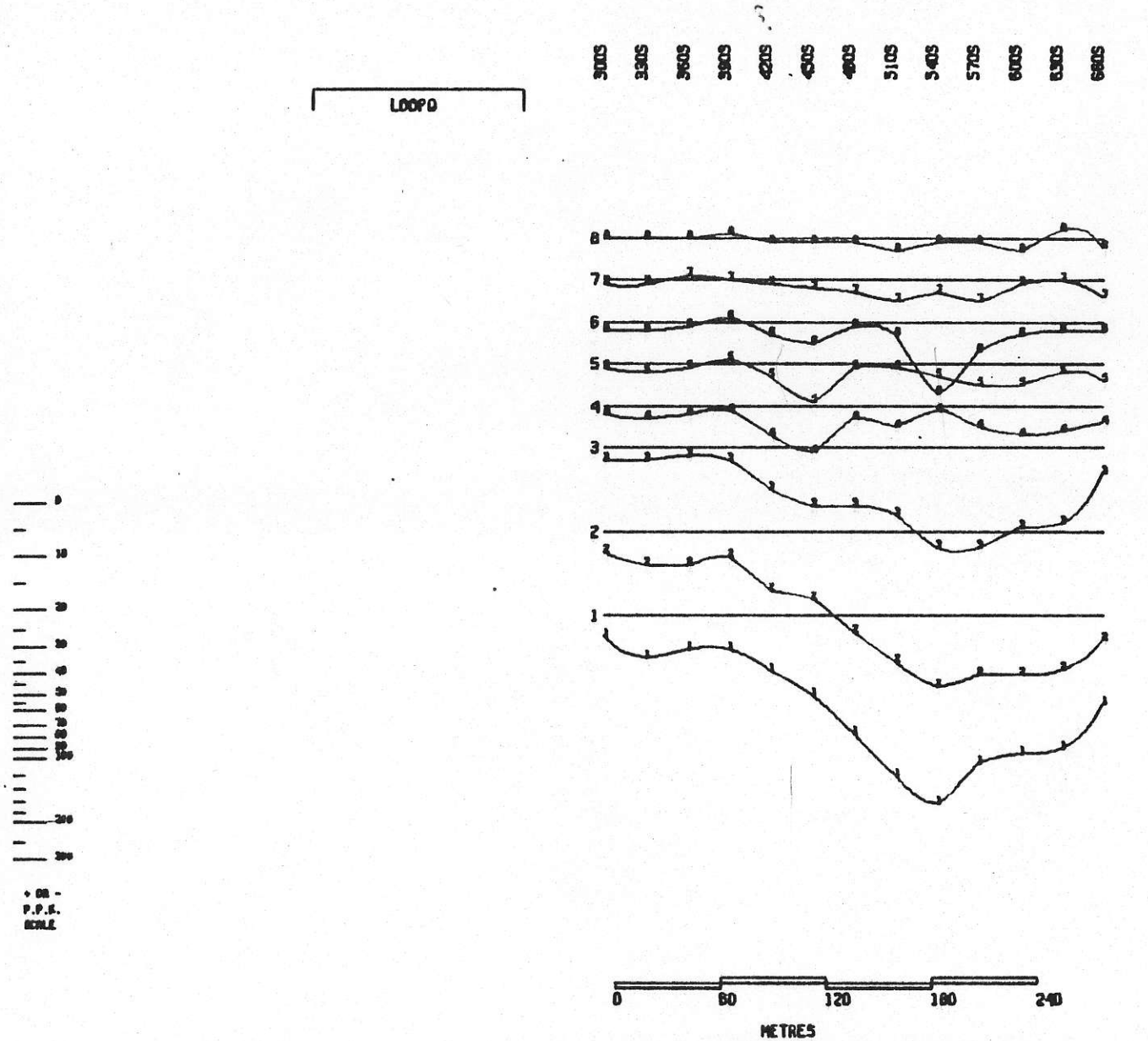
DATE 16 APRIL 1989
FIG.NO: 34



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1600W Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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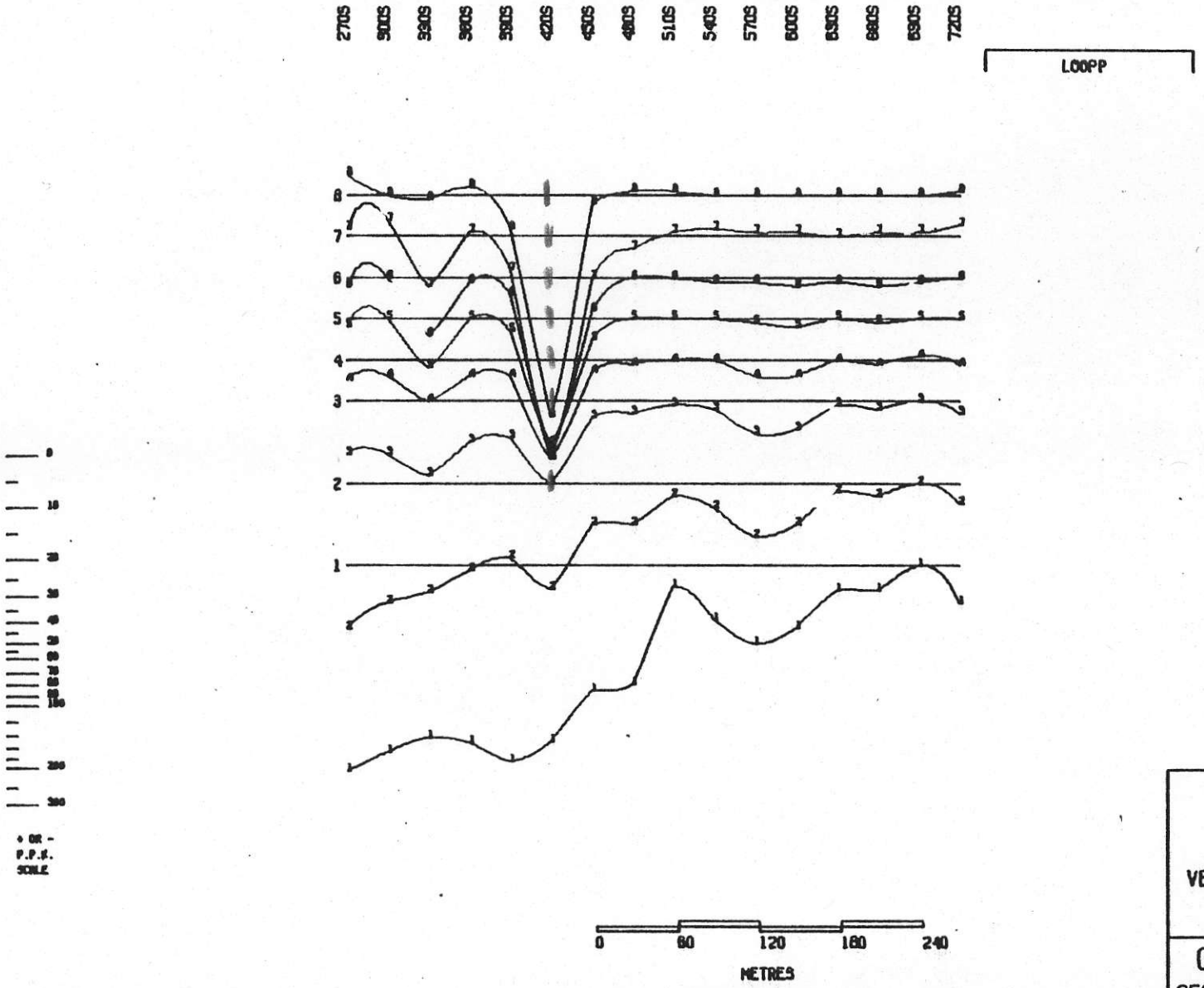
FIG.NO: 35



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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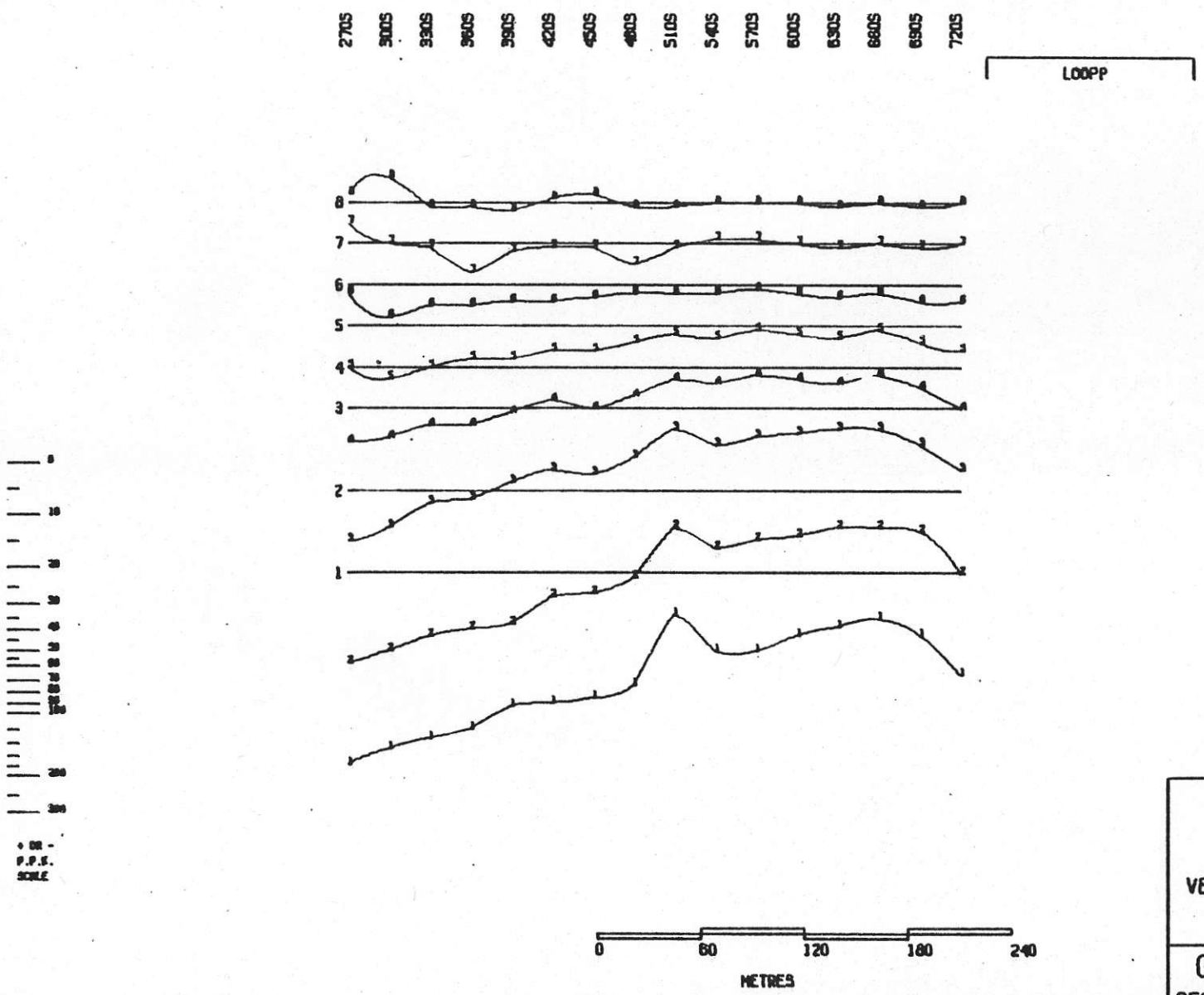
FIG.NO: 36



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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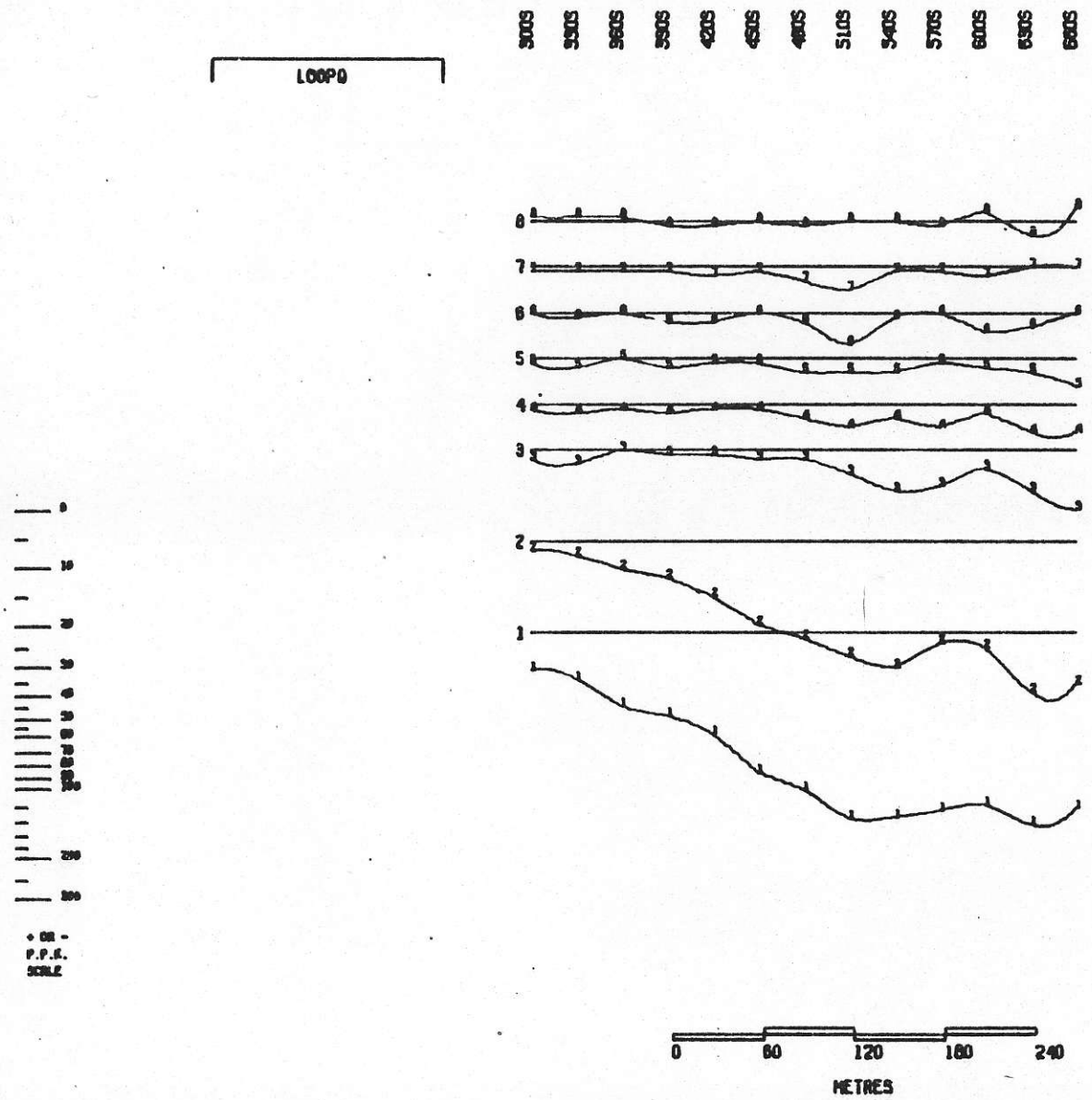
DATE 18 APRIL 1988
FIG.NO: 37



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CROWE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200W Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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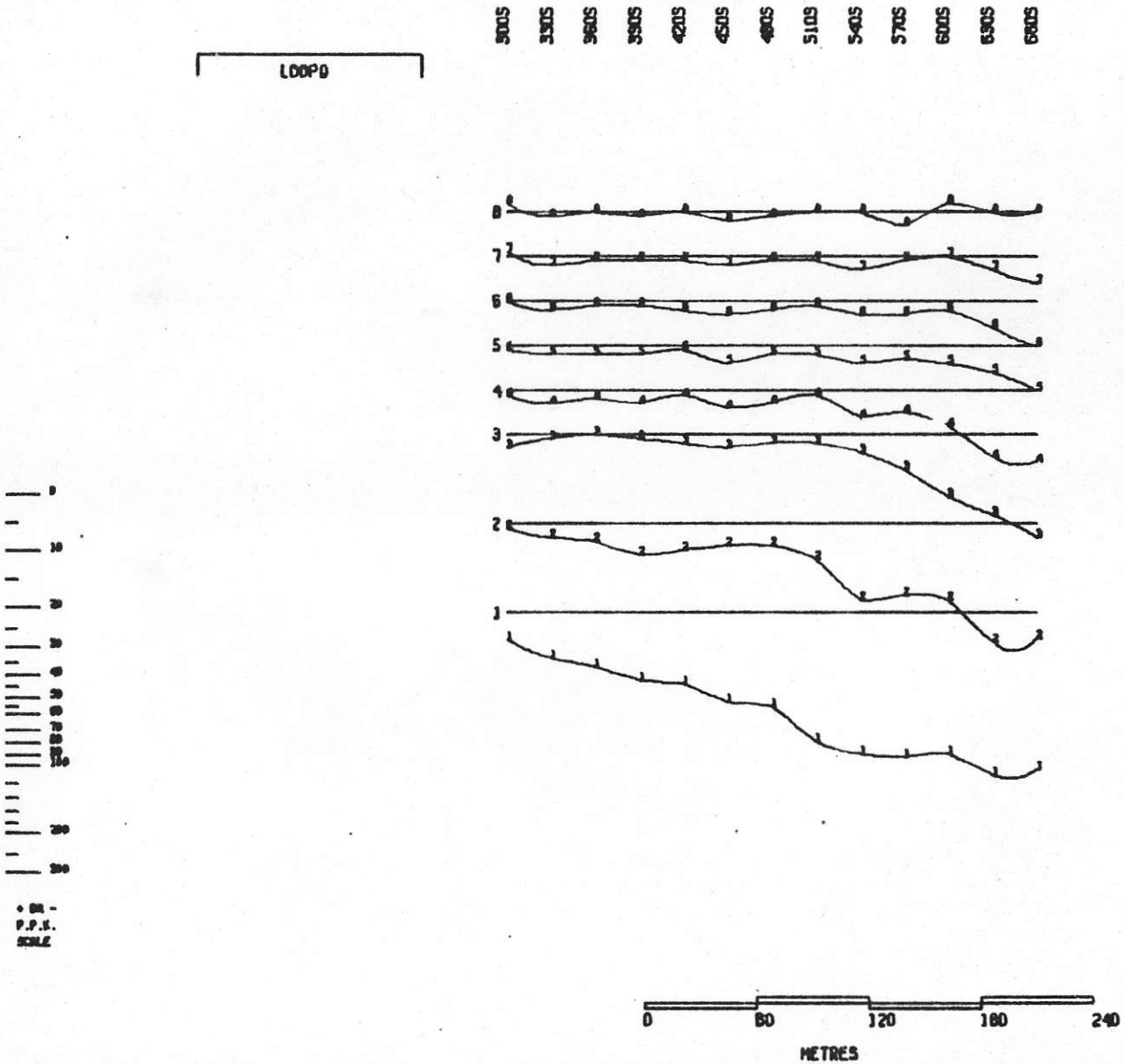
FIG.NO: 38



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200W Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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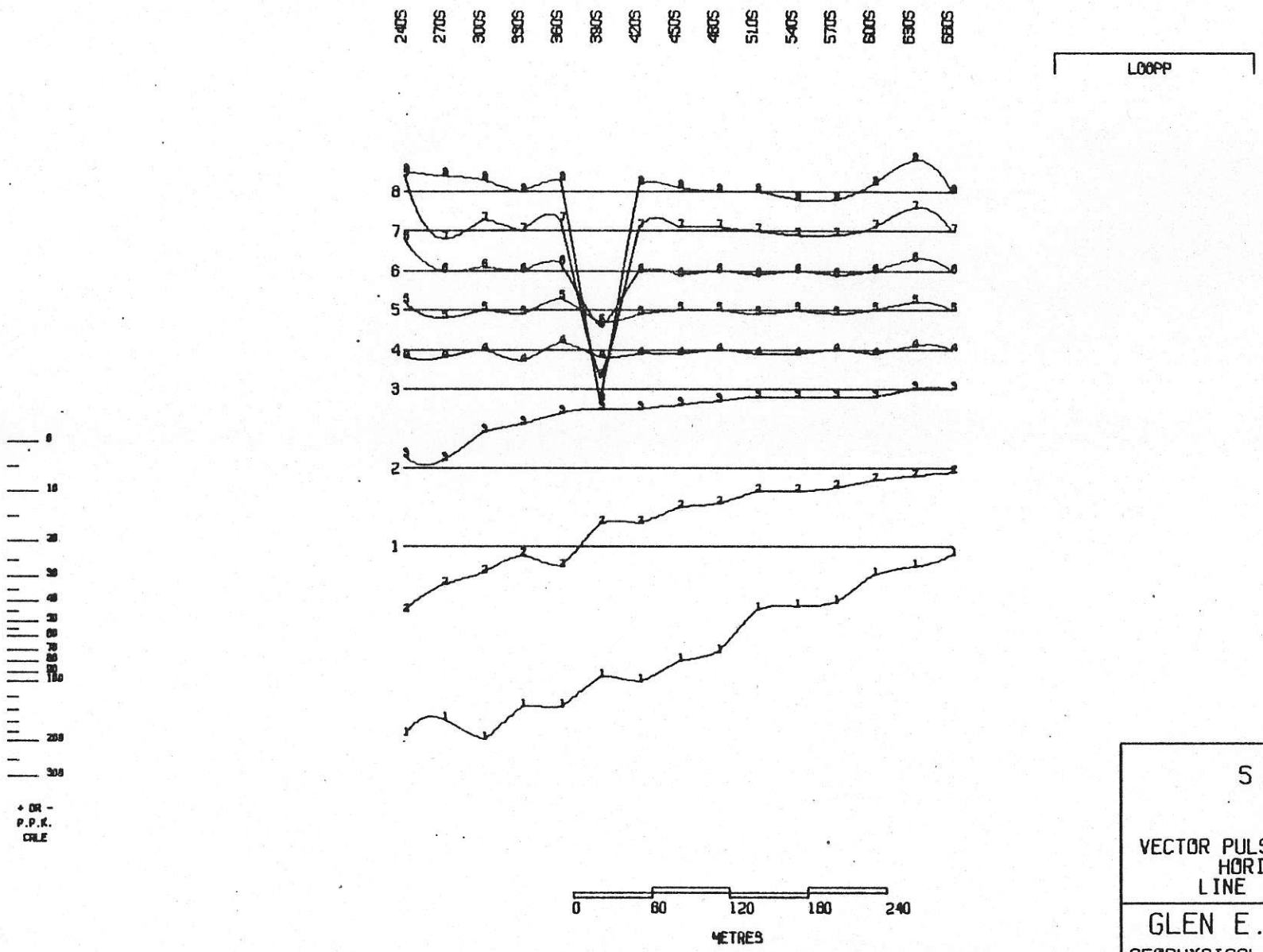
DATE 10 APRIL 1989

FIG.NO: 35



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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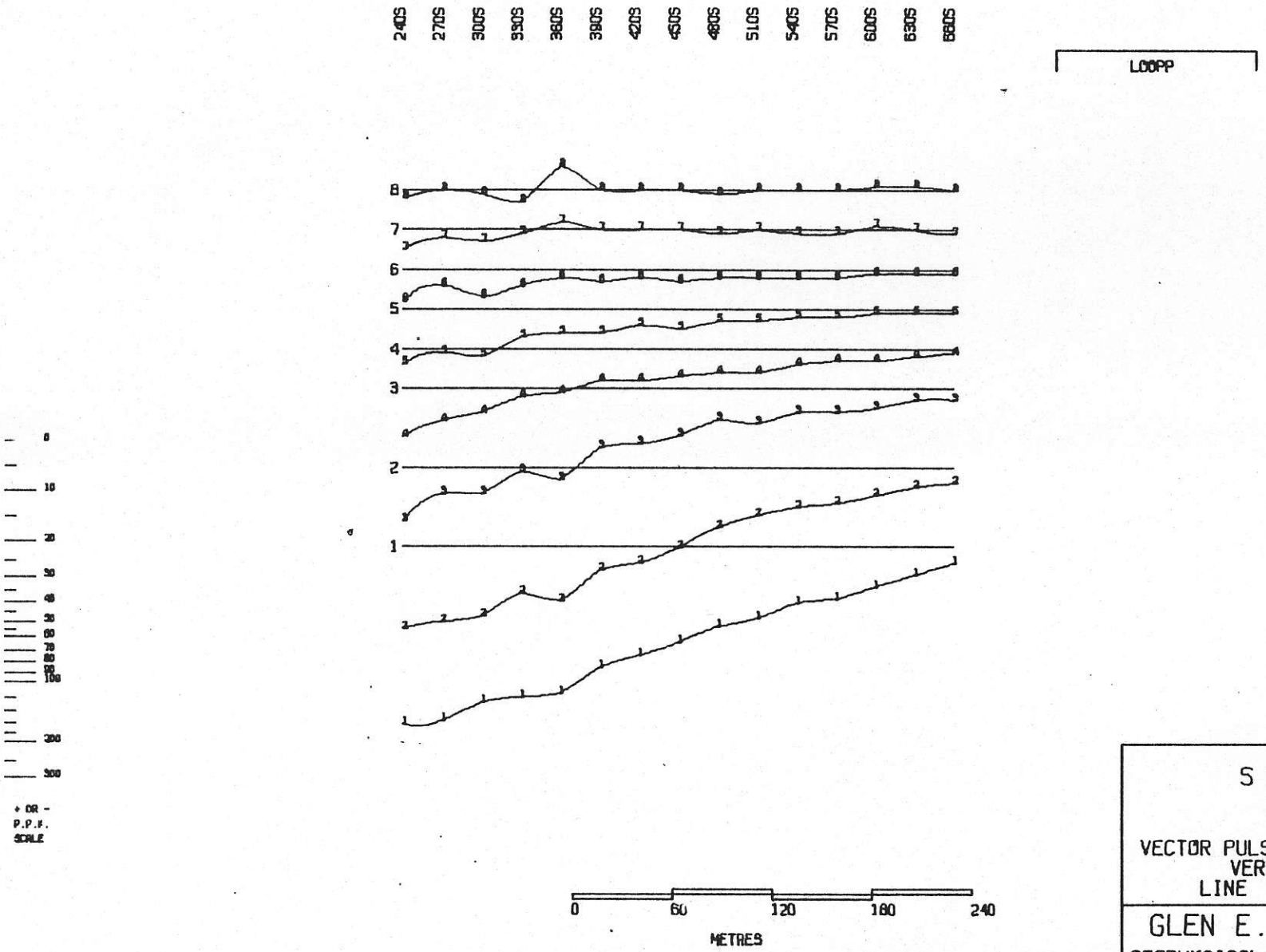
DATE 10 APRIL 1989
FIG.NO: 40



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 800W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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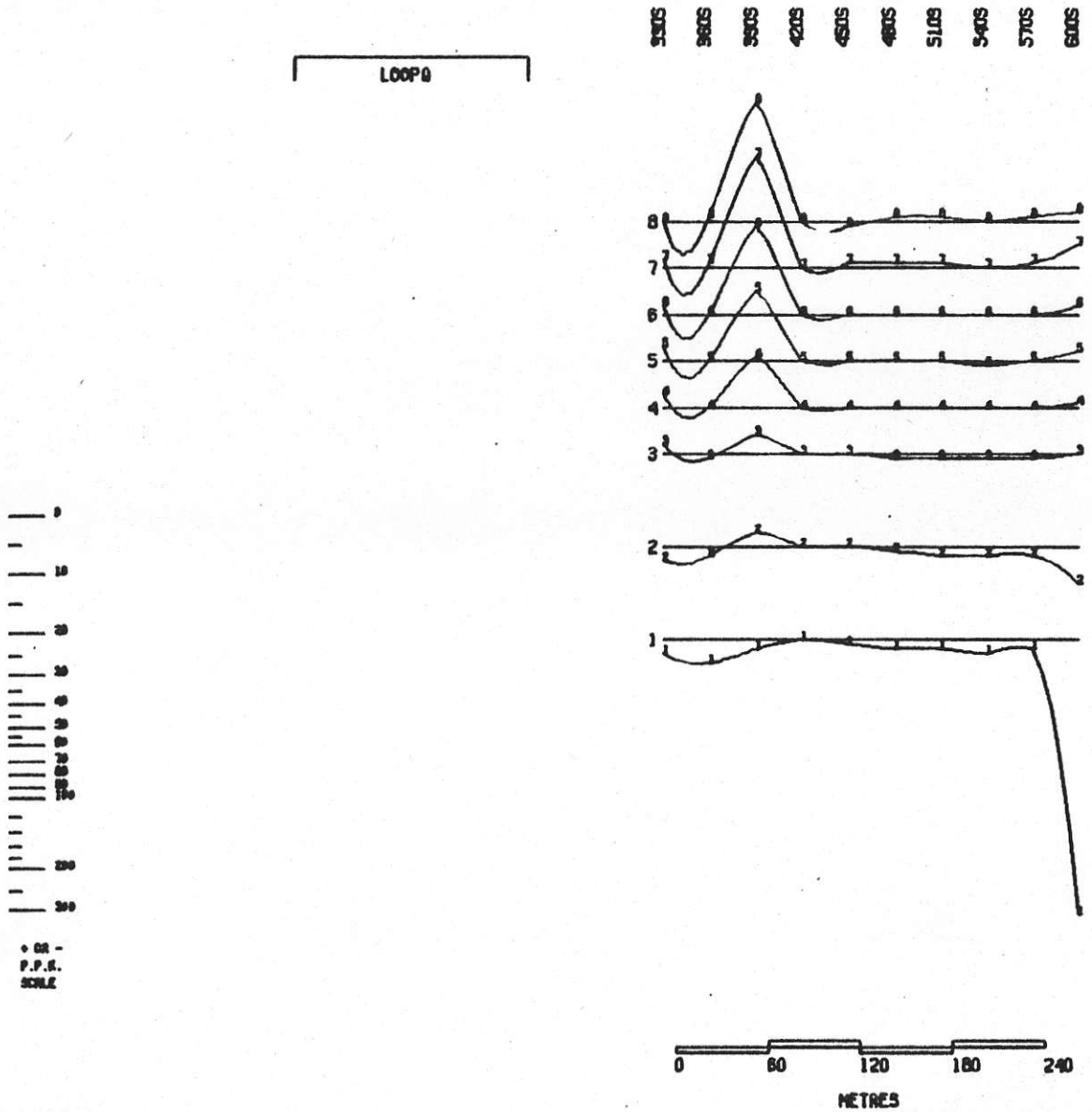
FIG.NO: 41



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800W Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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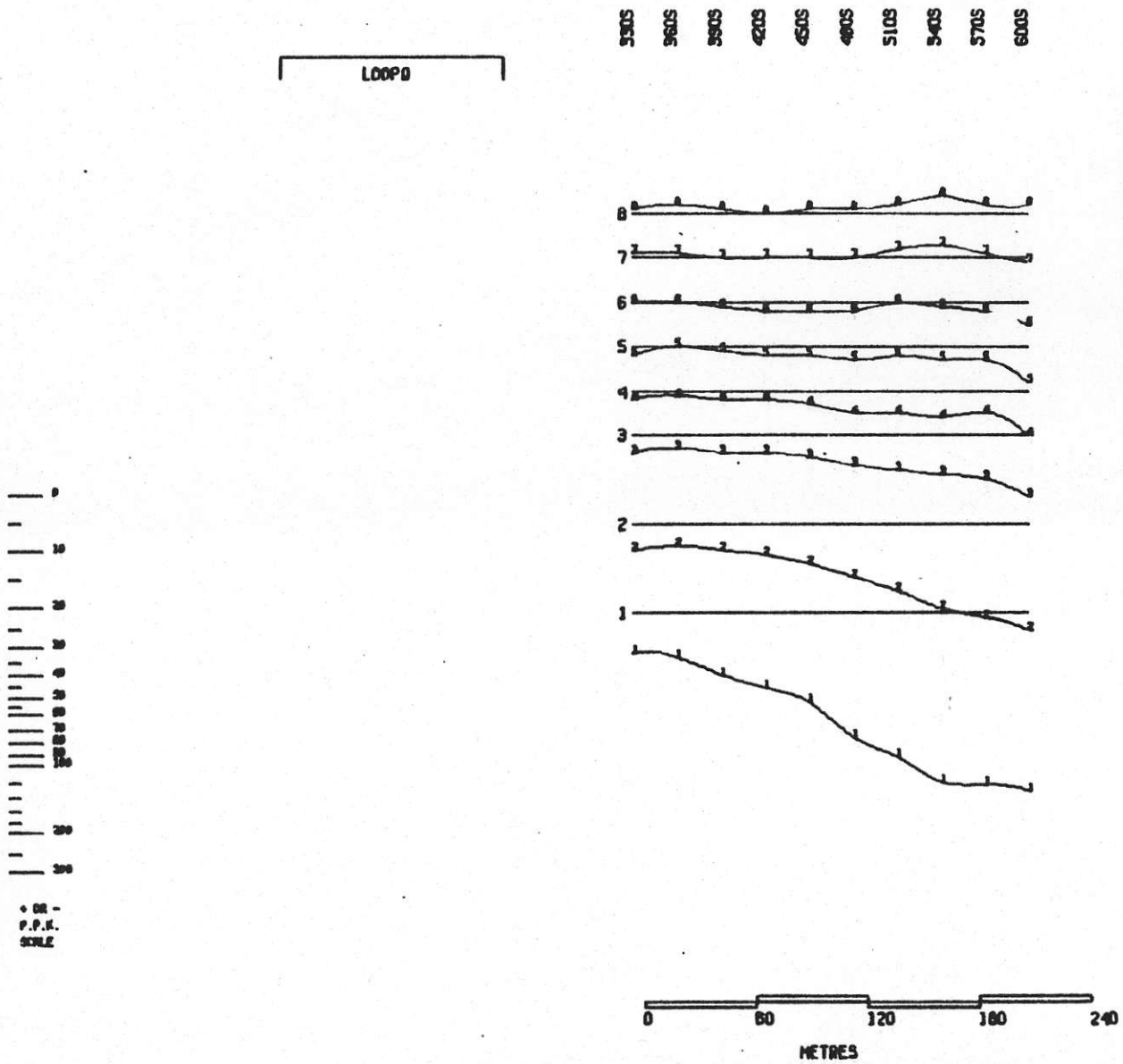
FIG.NO: 42



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 800W Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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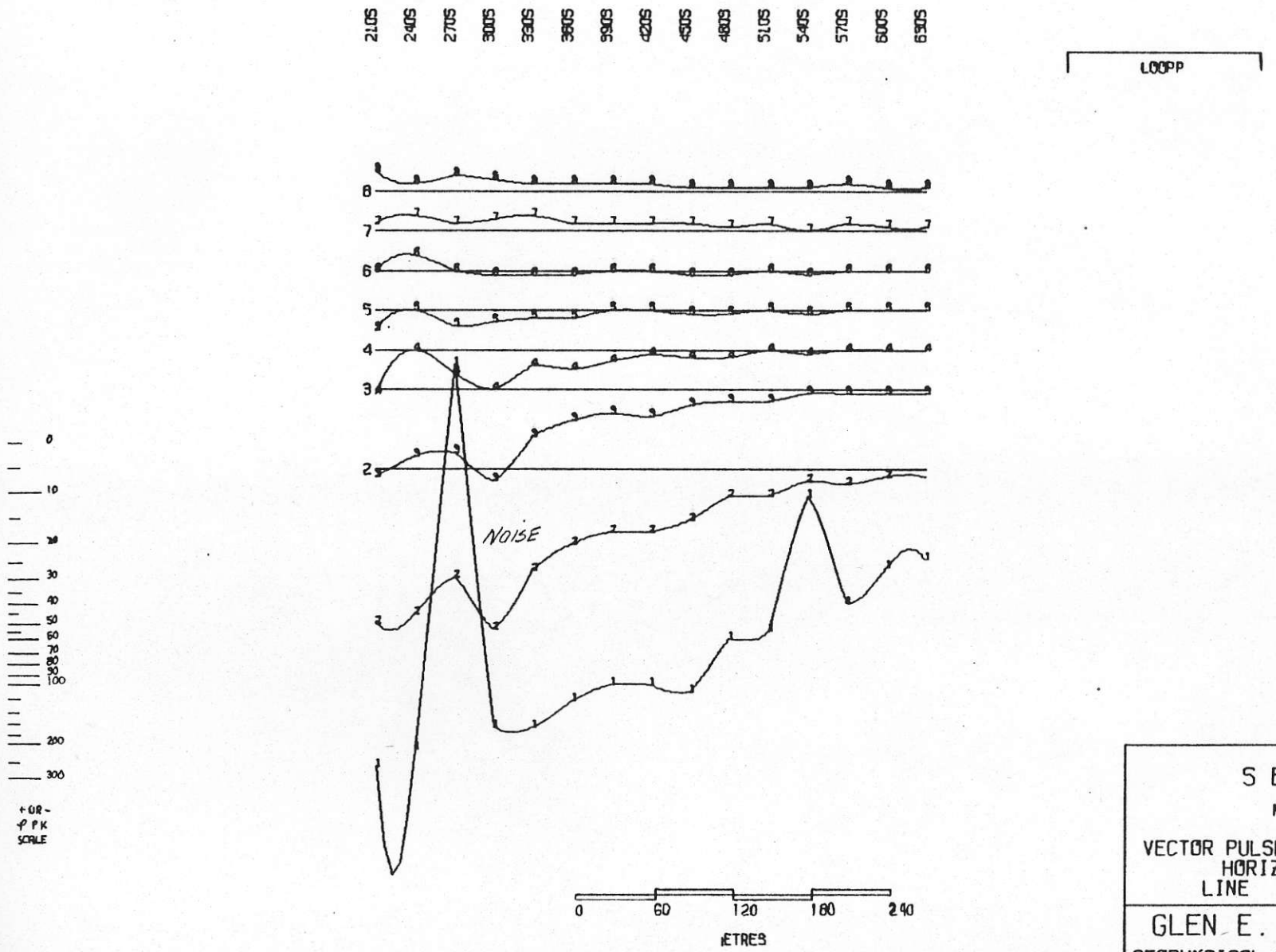
DATE 16 APRIL 1980

FIG.NO: 43



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

SEREM LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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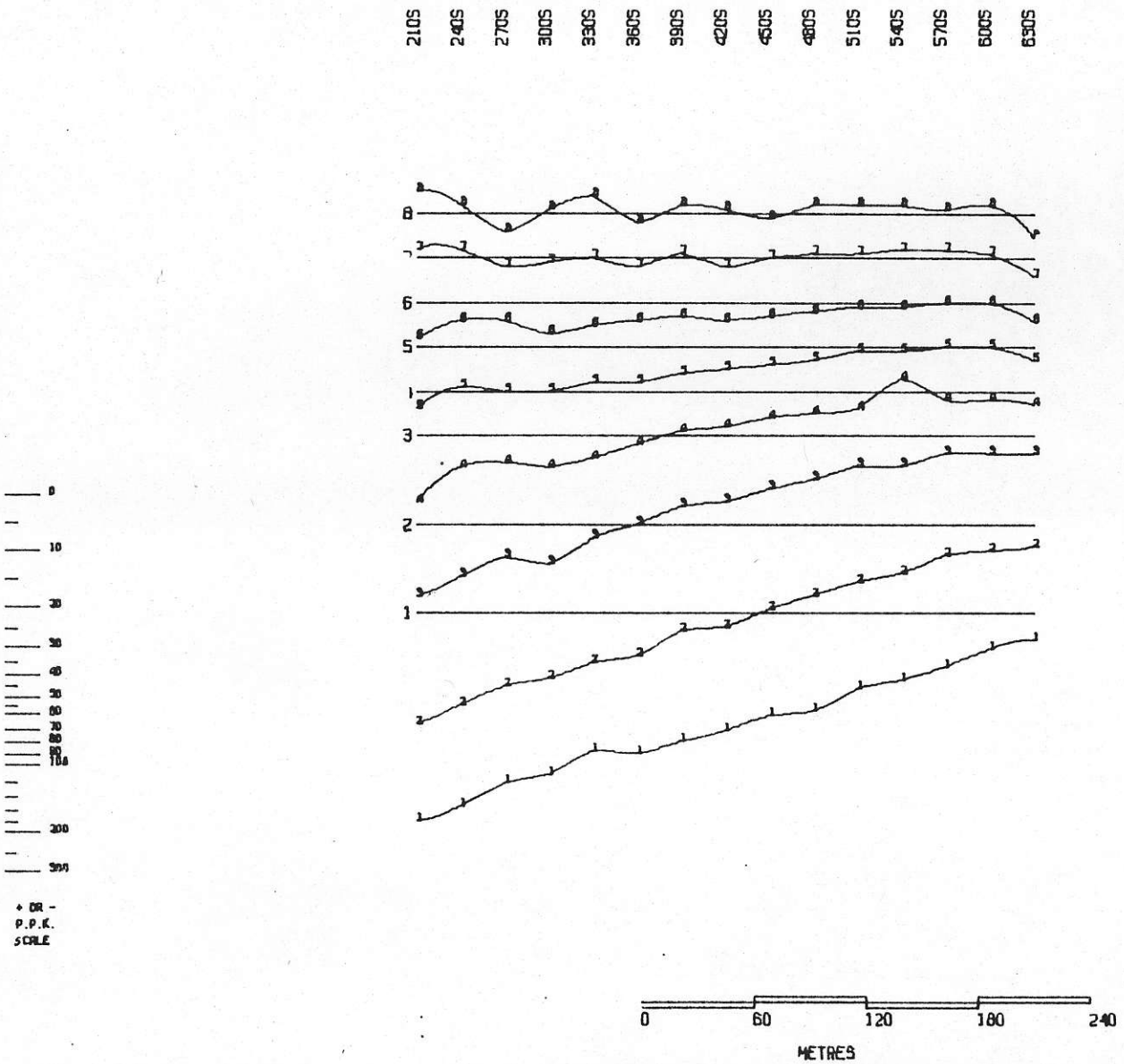
DATE 18 APRIL 1988
FIG.NO: 44



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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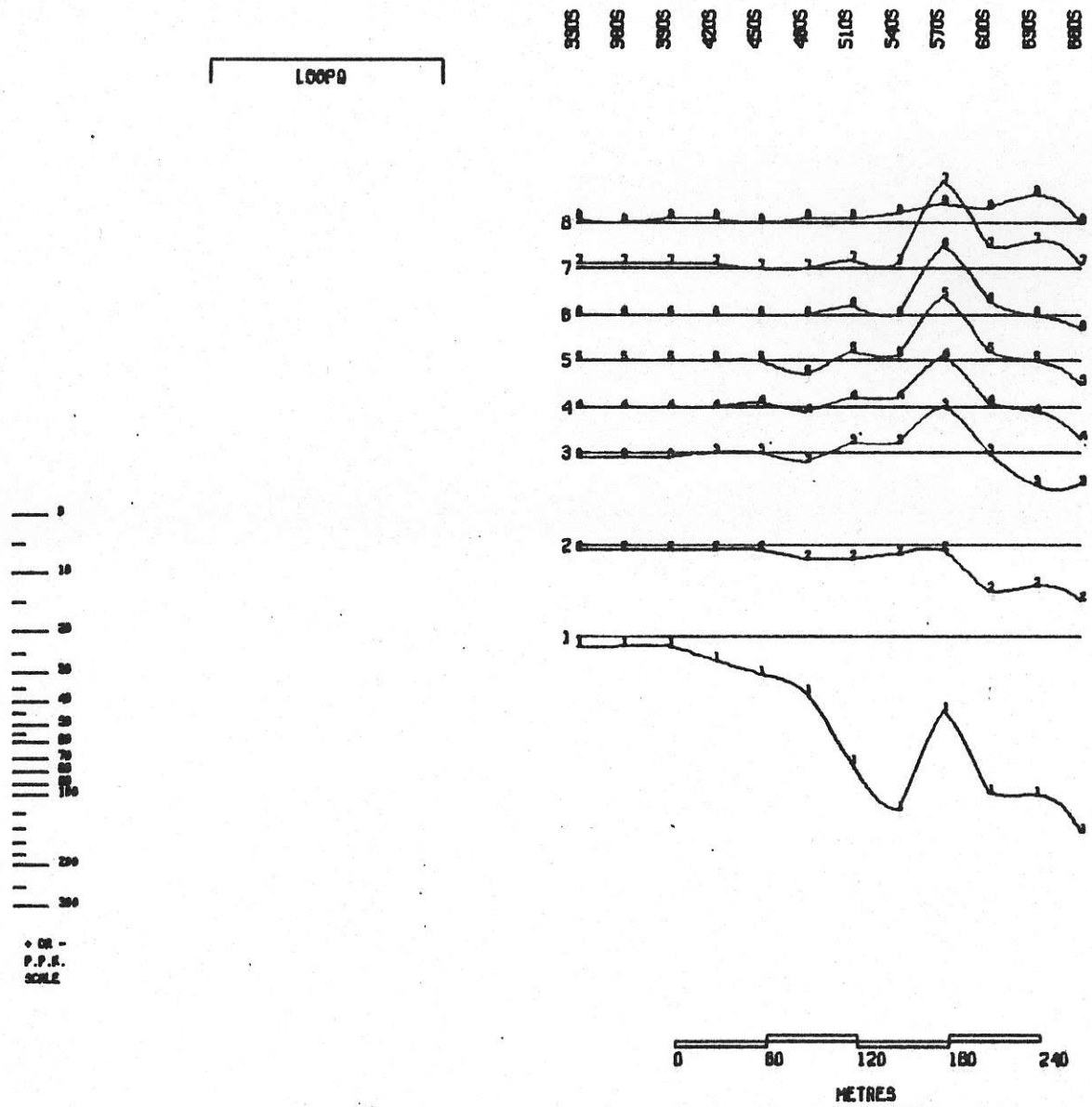
FIG.NO: 45



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400W Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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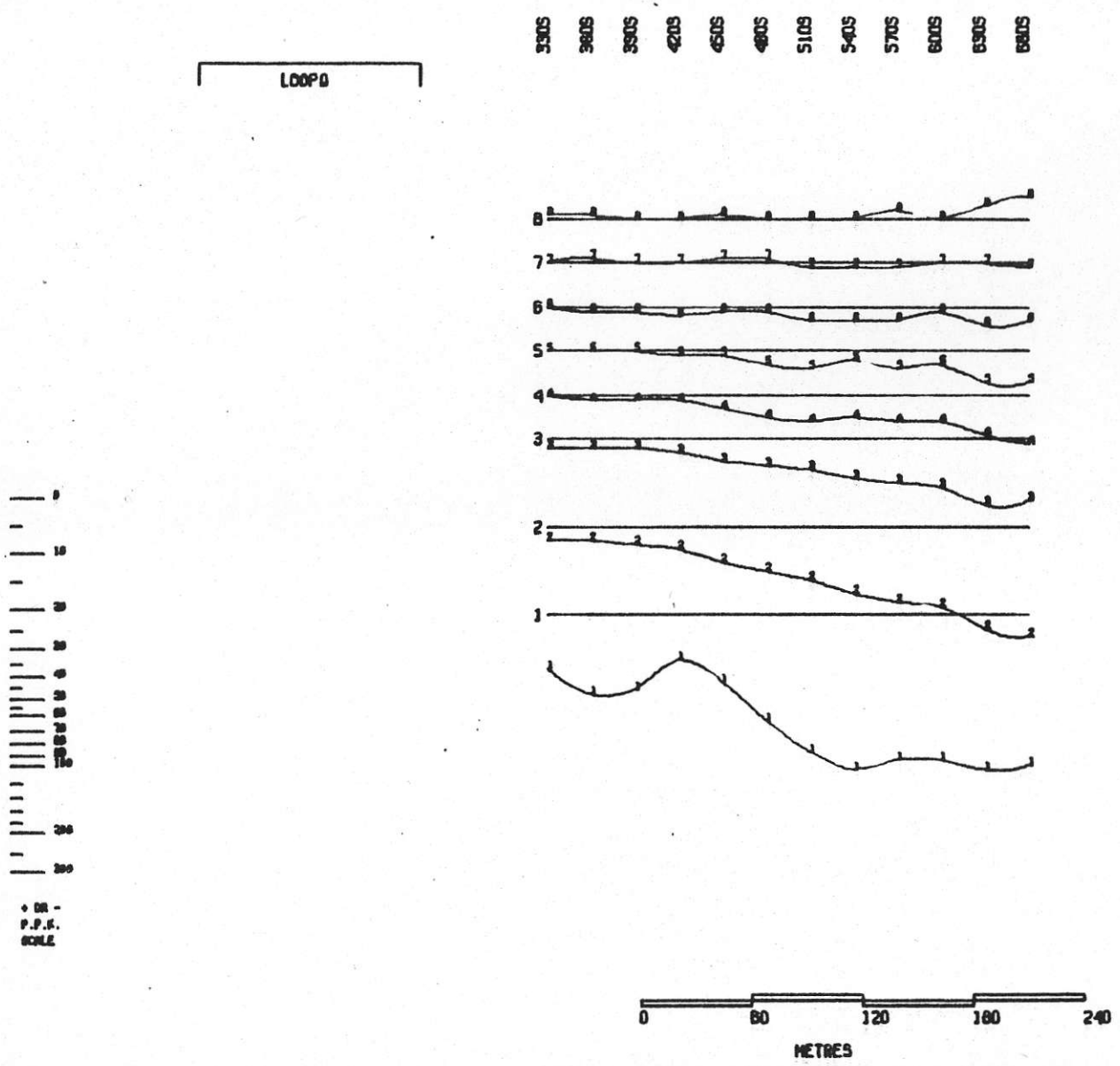
DATE 18 APRIL 1988
FIG.NO: 46



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400W Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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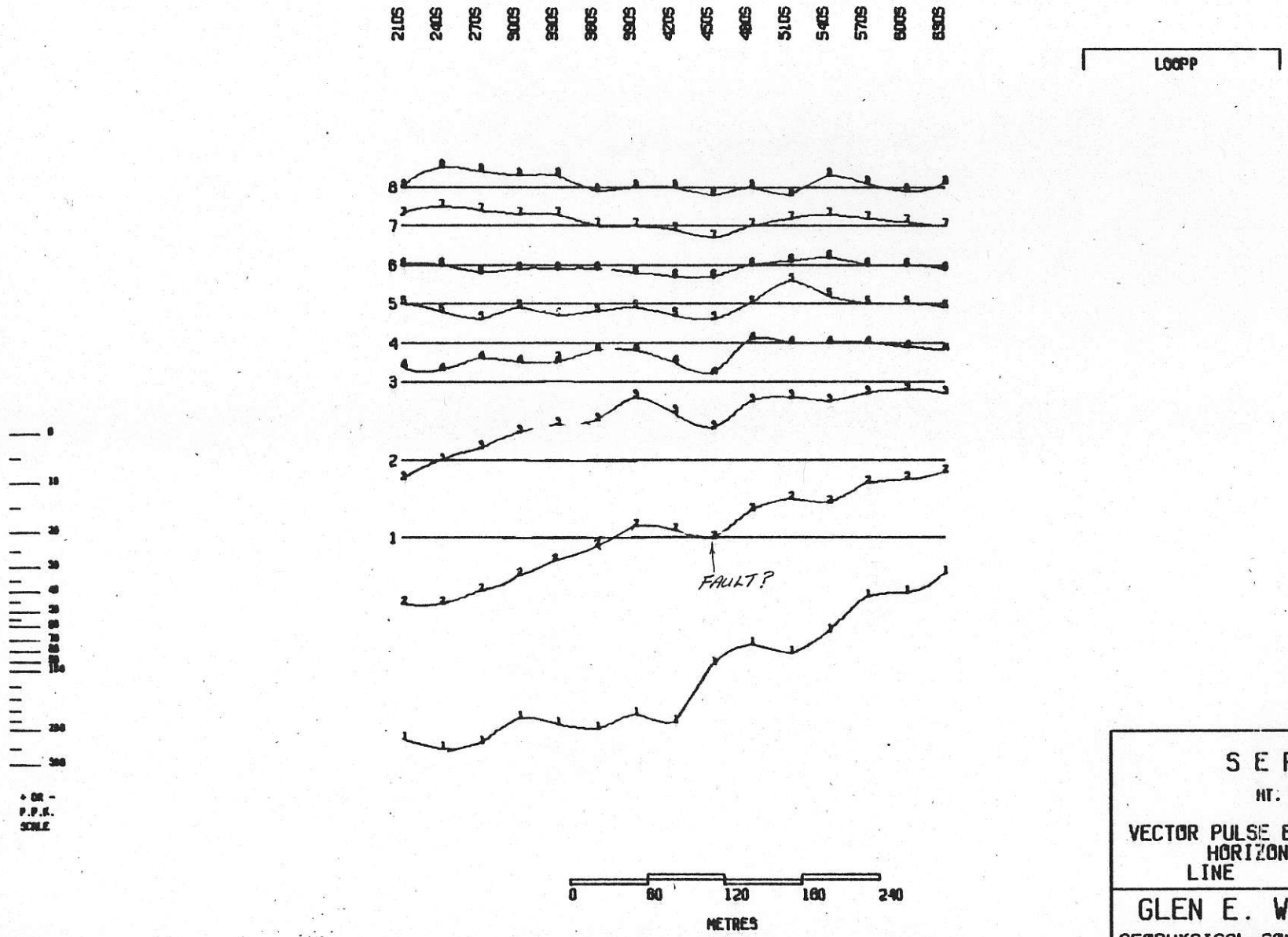
DATE 10 APRIL 1989
FIG.NO: 47



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 000W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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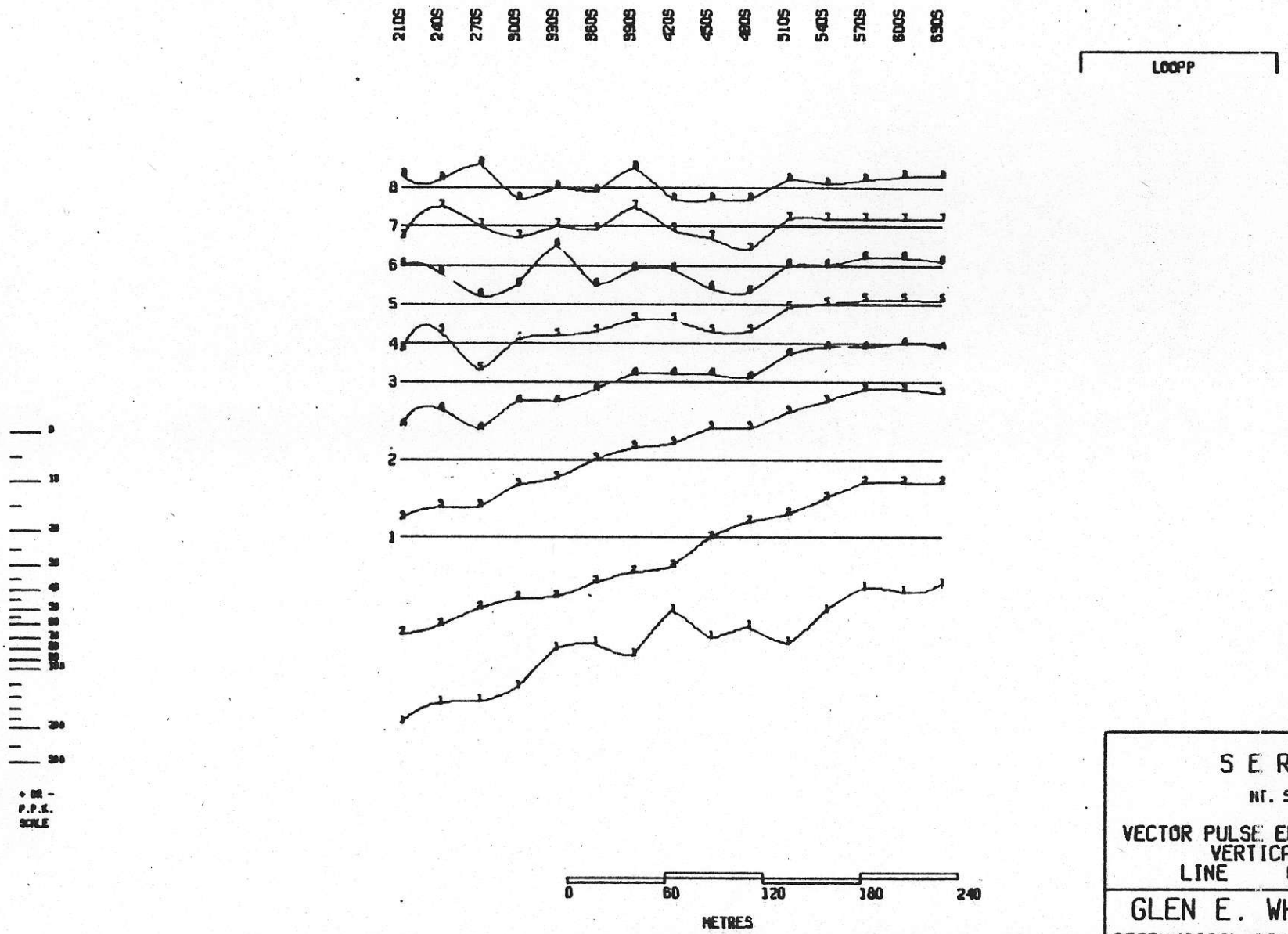
FIG.NO: 48



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

SEREM LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 000W P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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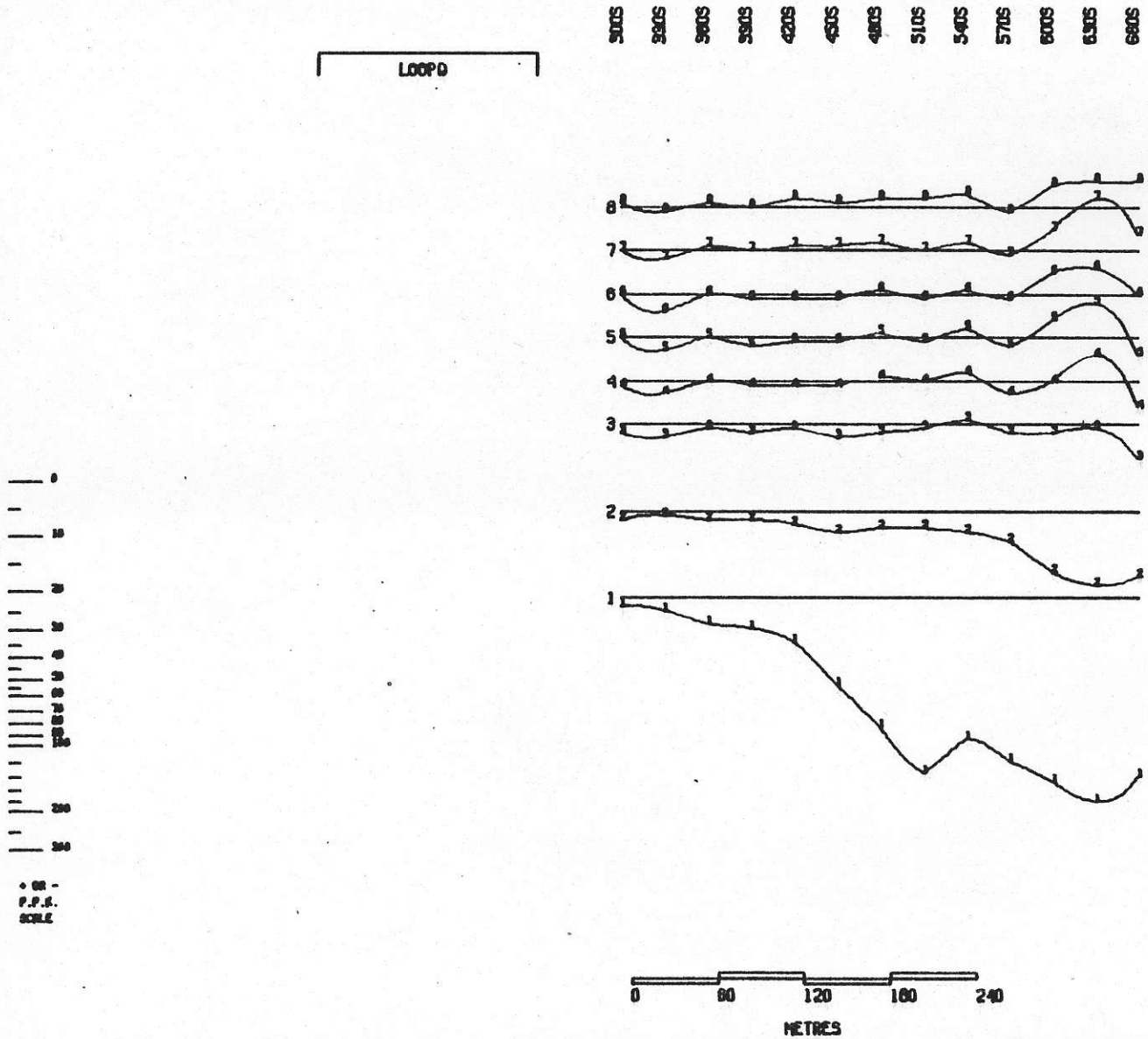
FIG.NO: 49



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00E Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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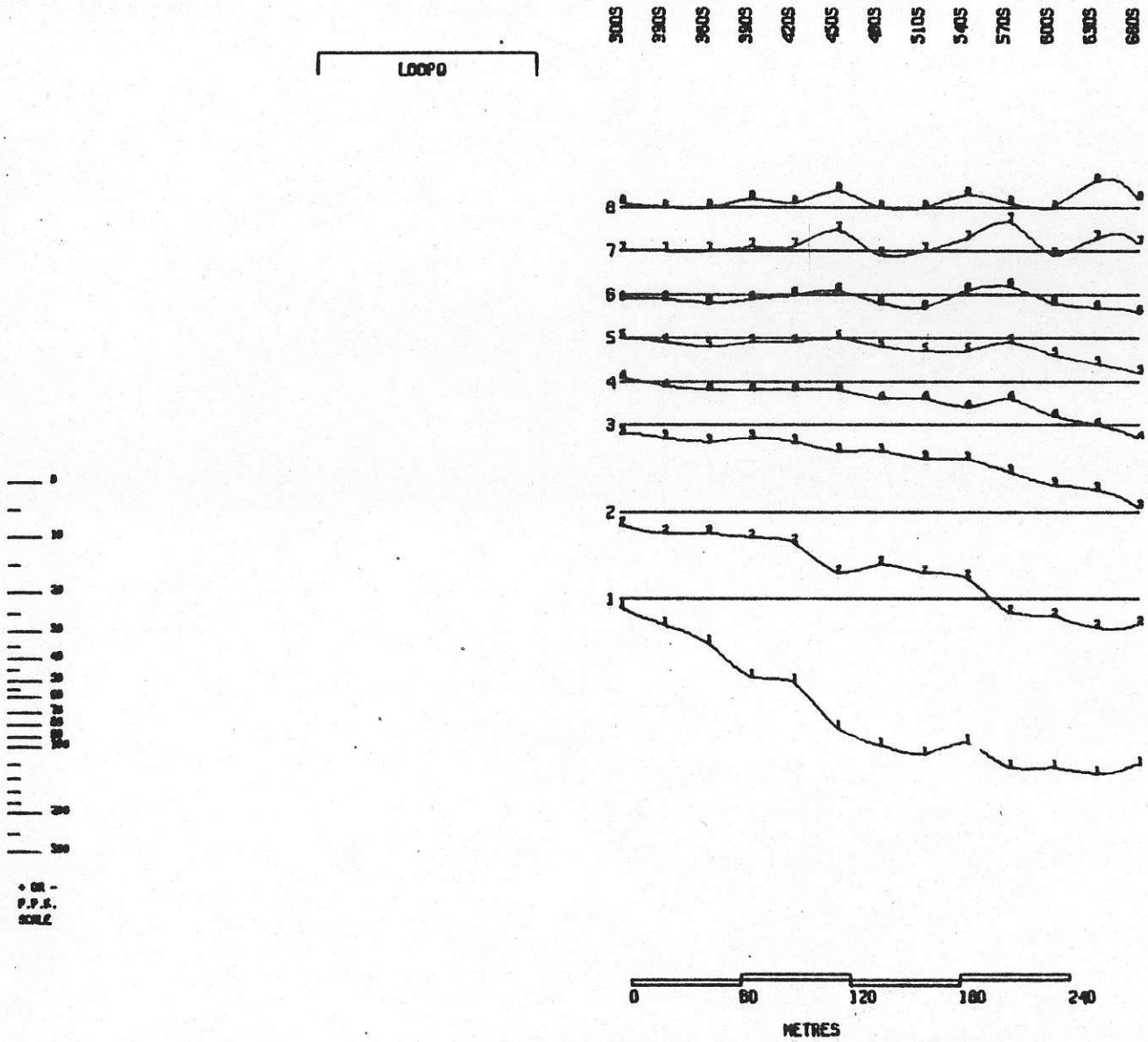
FIG.NO: 50



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00E Q

GLEN E. WHITE
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& SERVICES LTD.

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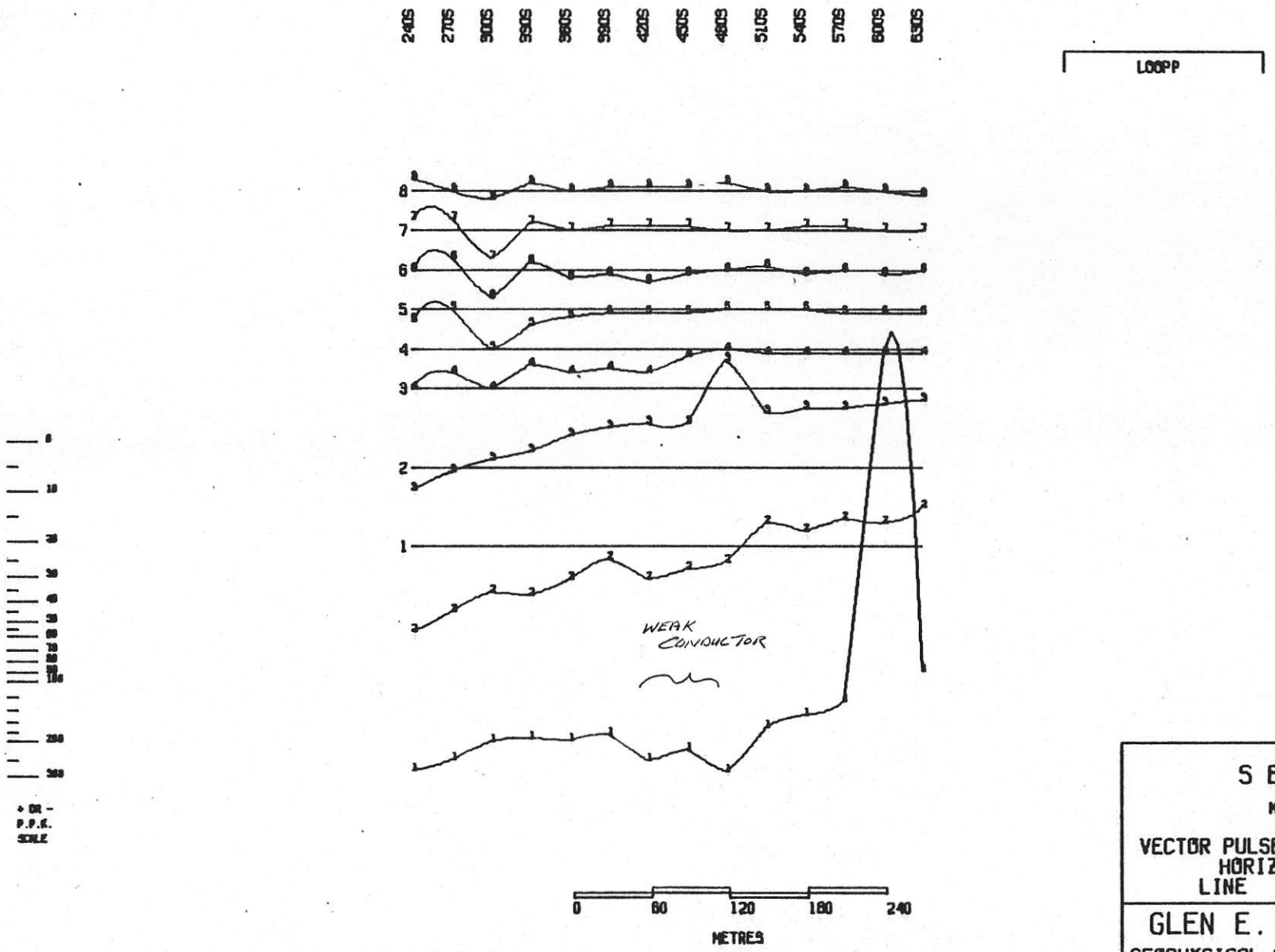
FIG.NO: 51



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400E P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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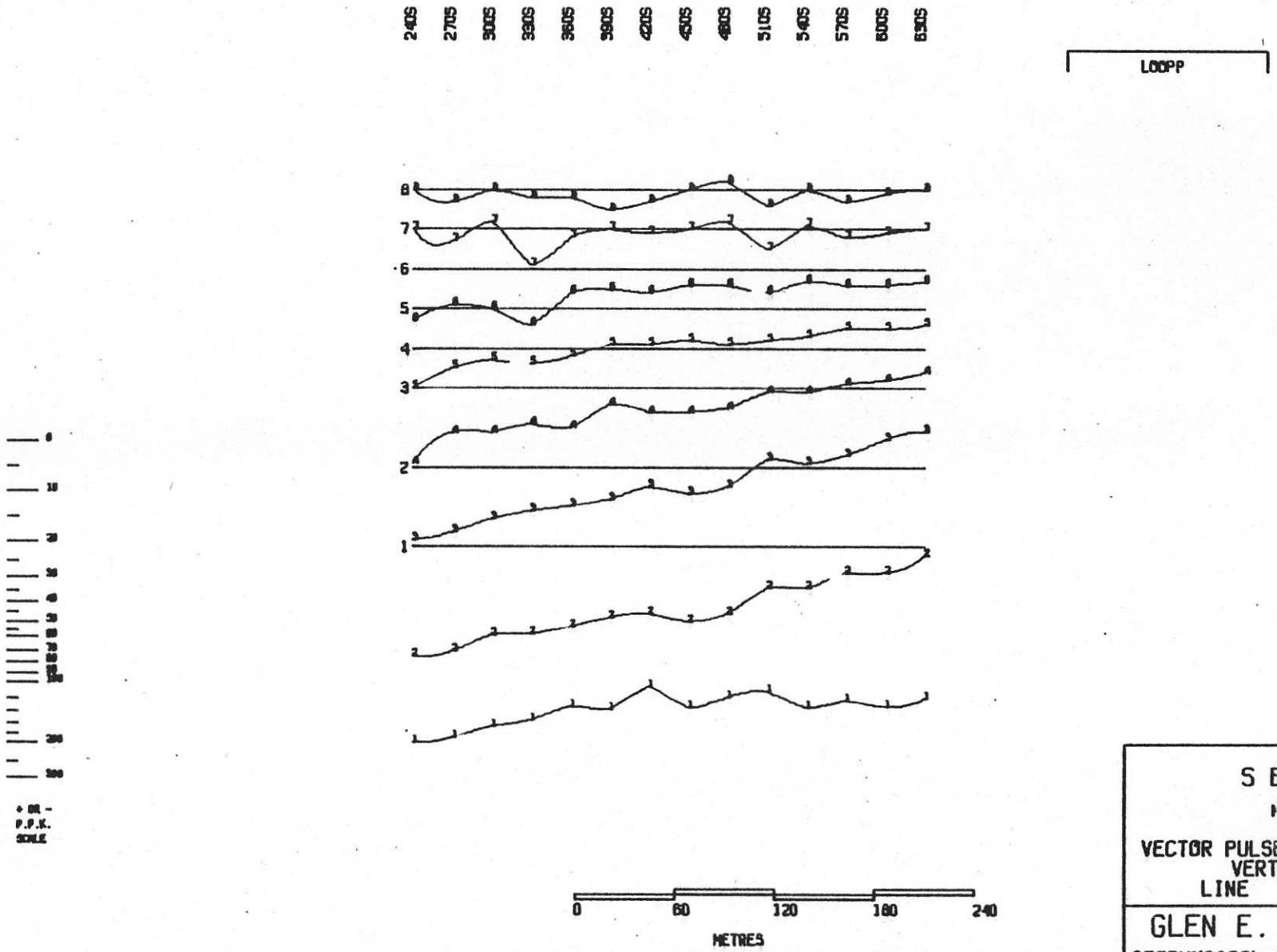
DATE 10 APRIL 1980
FIG.NO: 52



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CROWE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400E P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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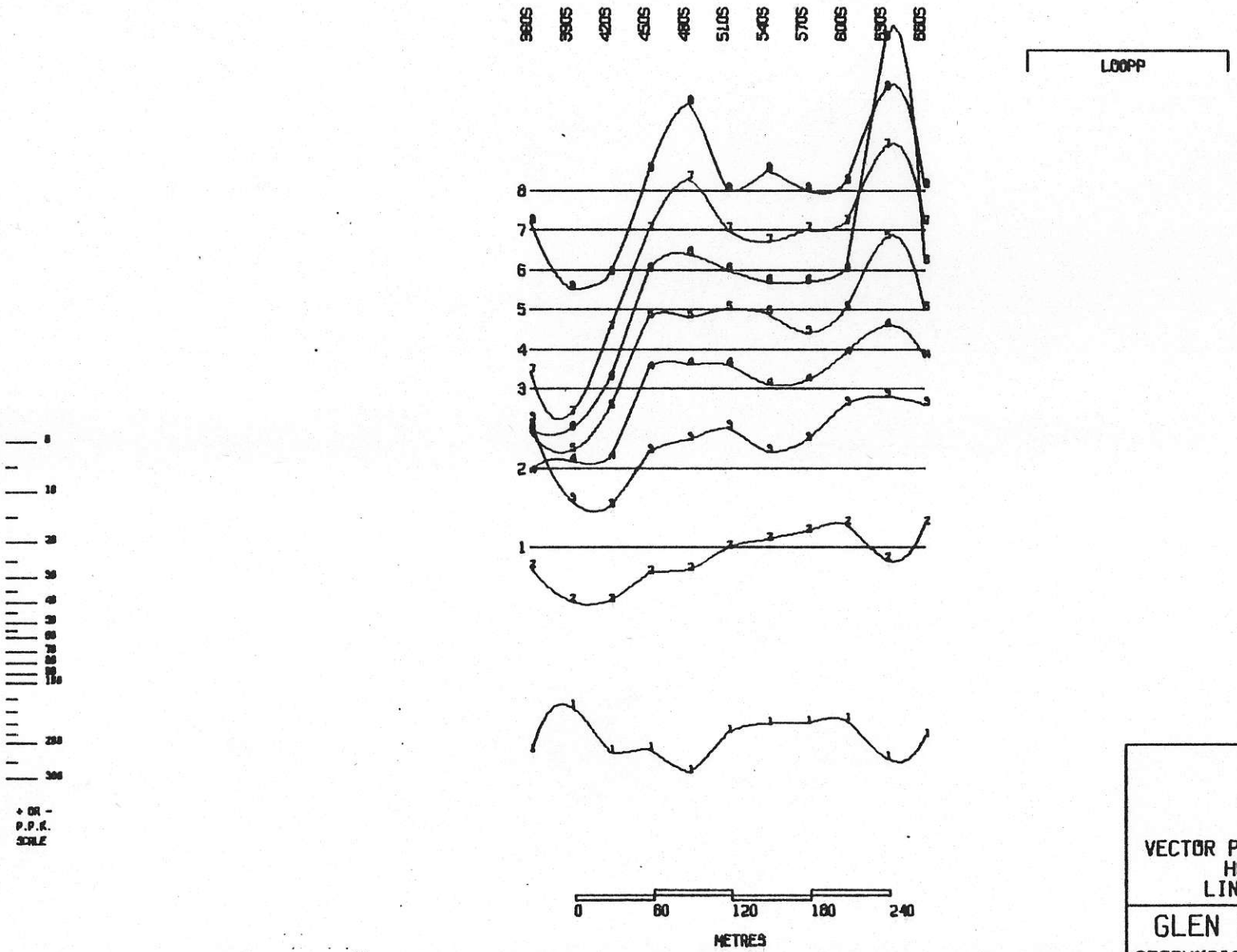
DATE 18 APRIL 1988

FIG.NO: 53



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800E P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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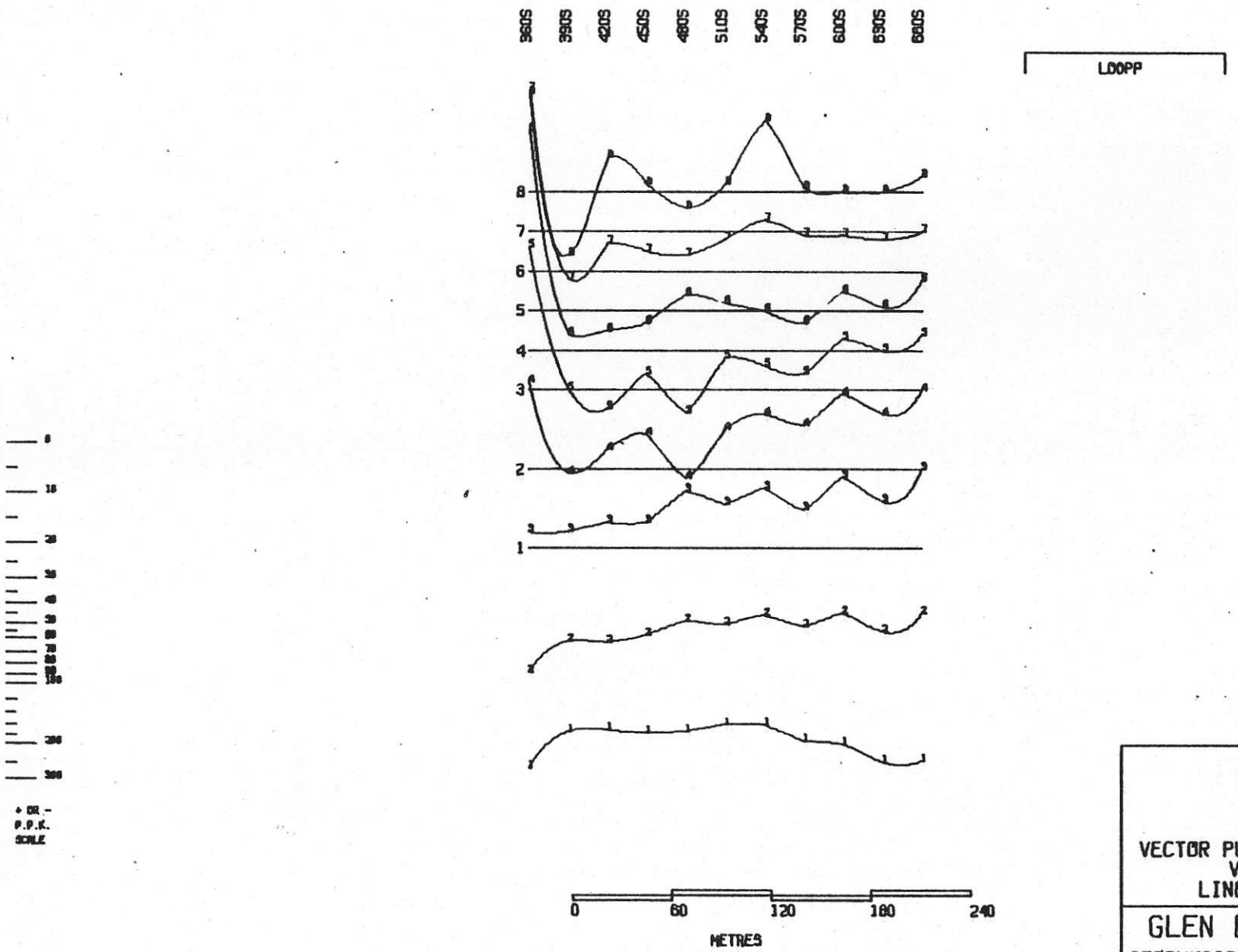
FIG.NO: 54



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 800E P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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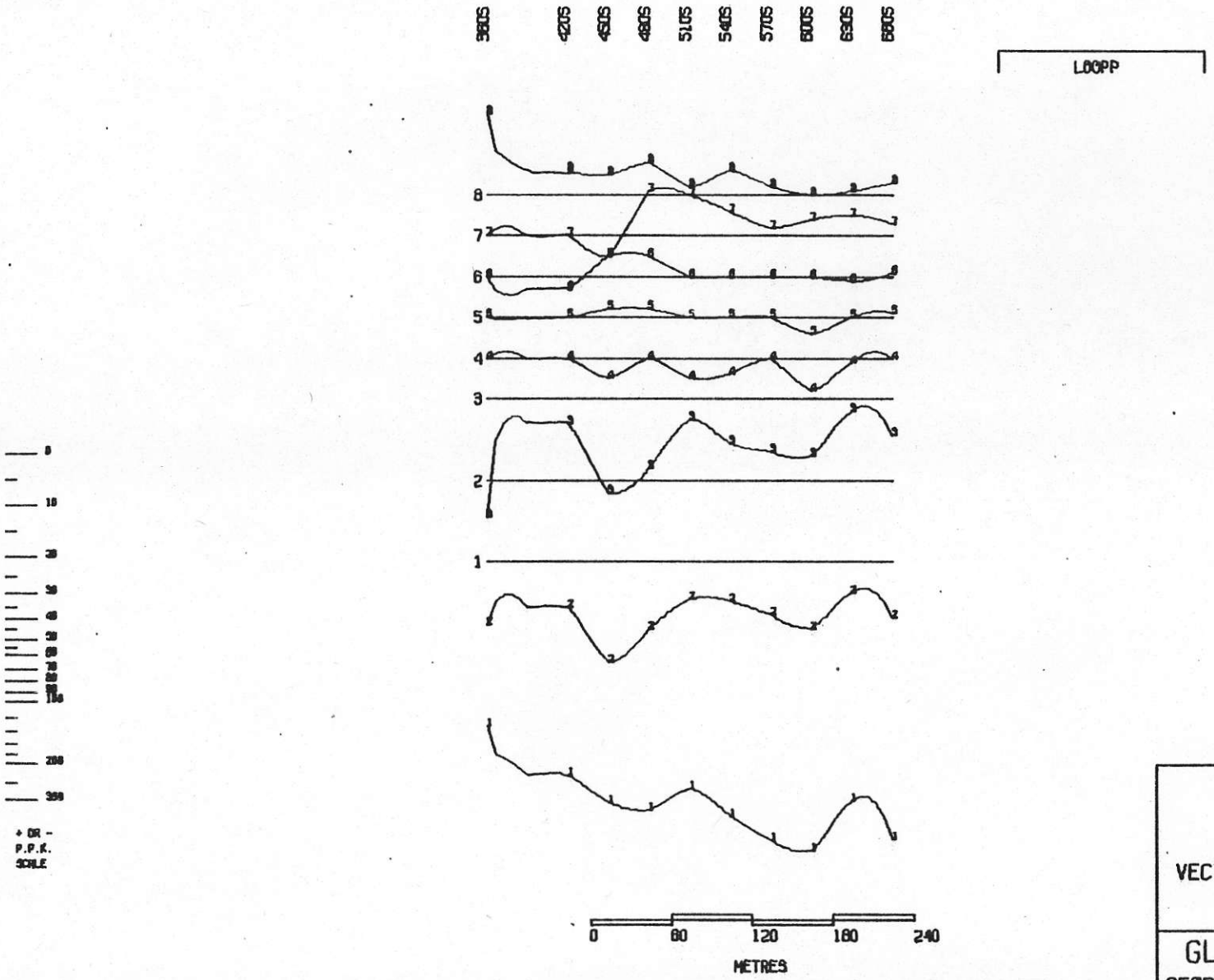
DATE 16 APRIL 1988
FIG.NO: 55



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200E P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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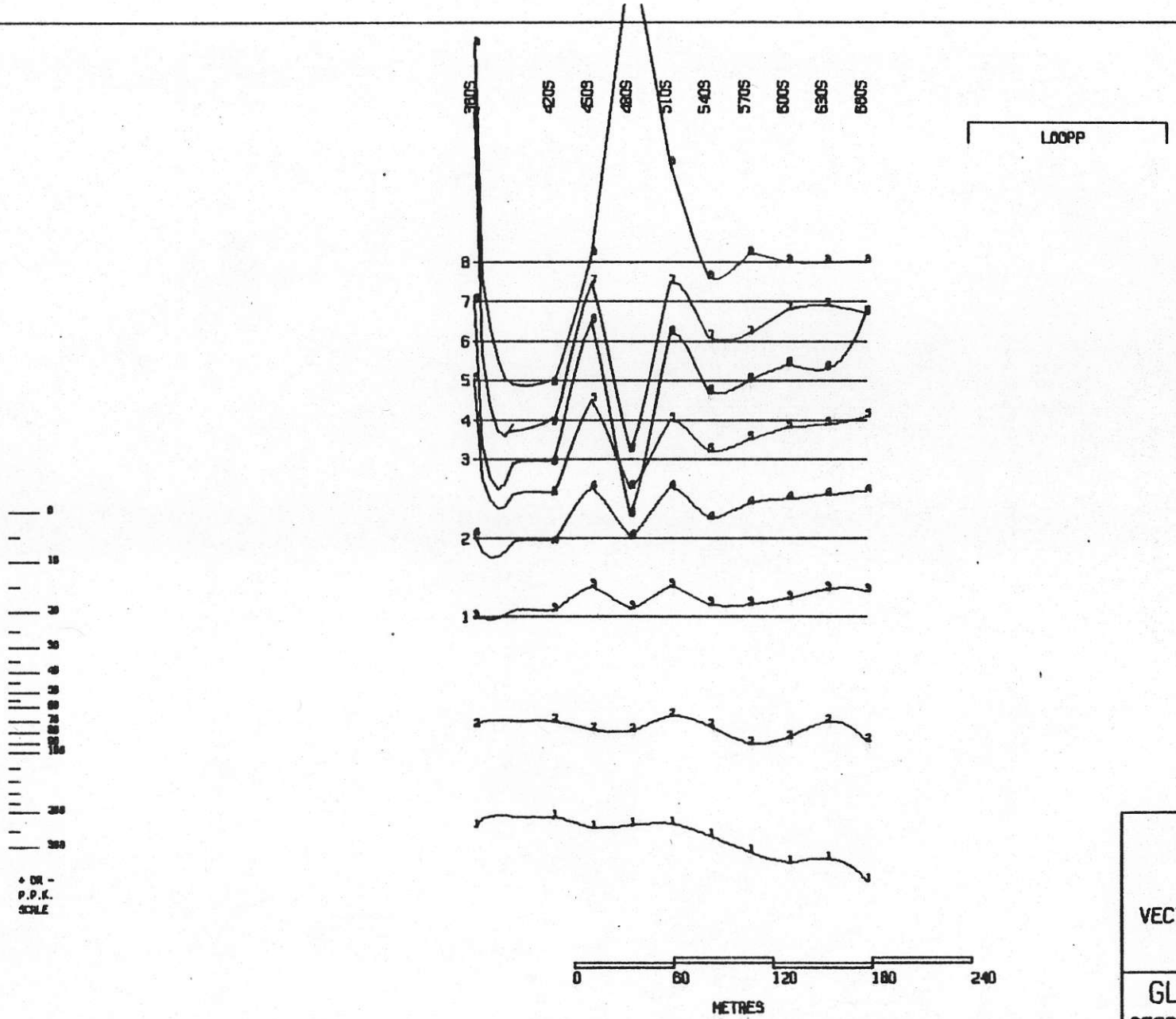
DATE 18 APRIL 1988

FIG.NO: 56



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200E P

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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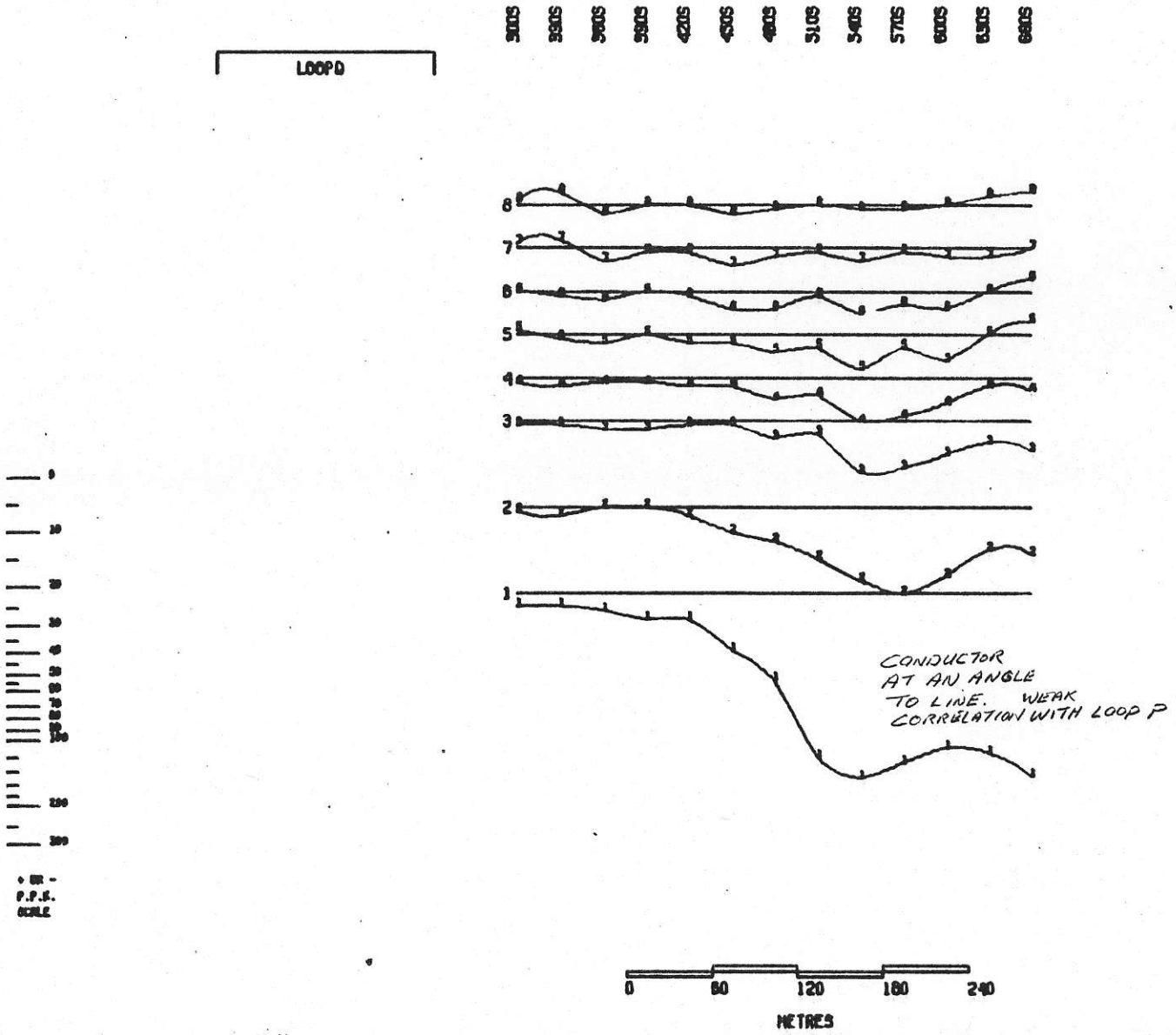
DATE 16 APRIL 1980
FIG.NO: 57



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

SEREM LTD.

MT. SICKER PROJECT

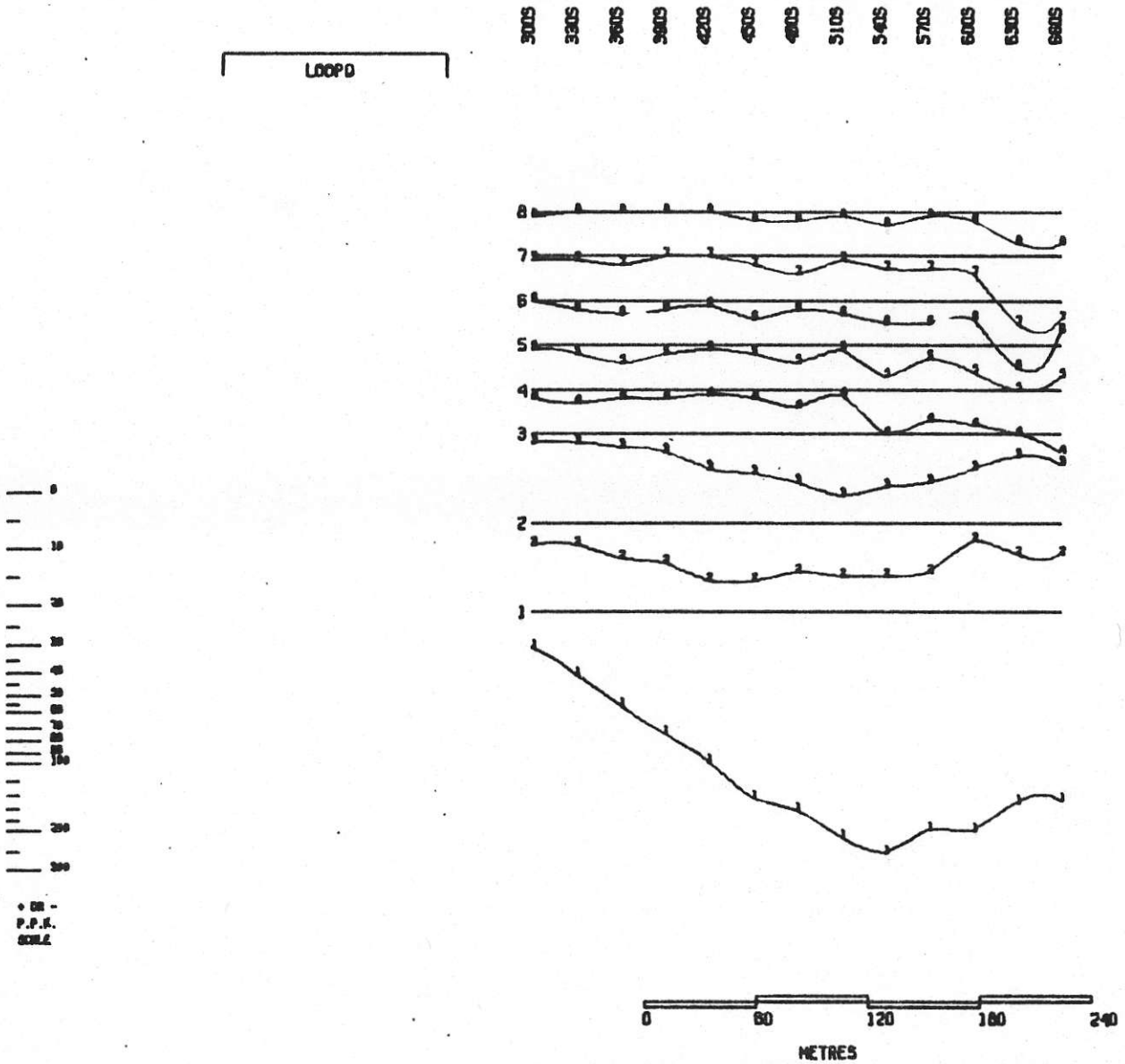
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200E Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

N.T.S. 92-B/13

DATE 10 APRIL 1989

FIG.NO: 58



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CROWE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

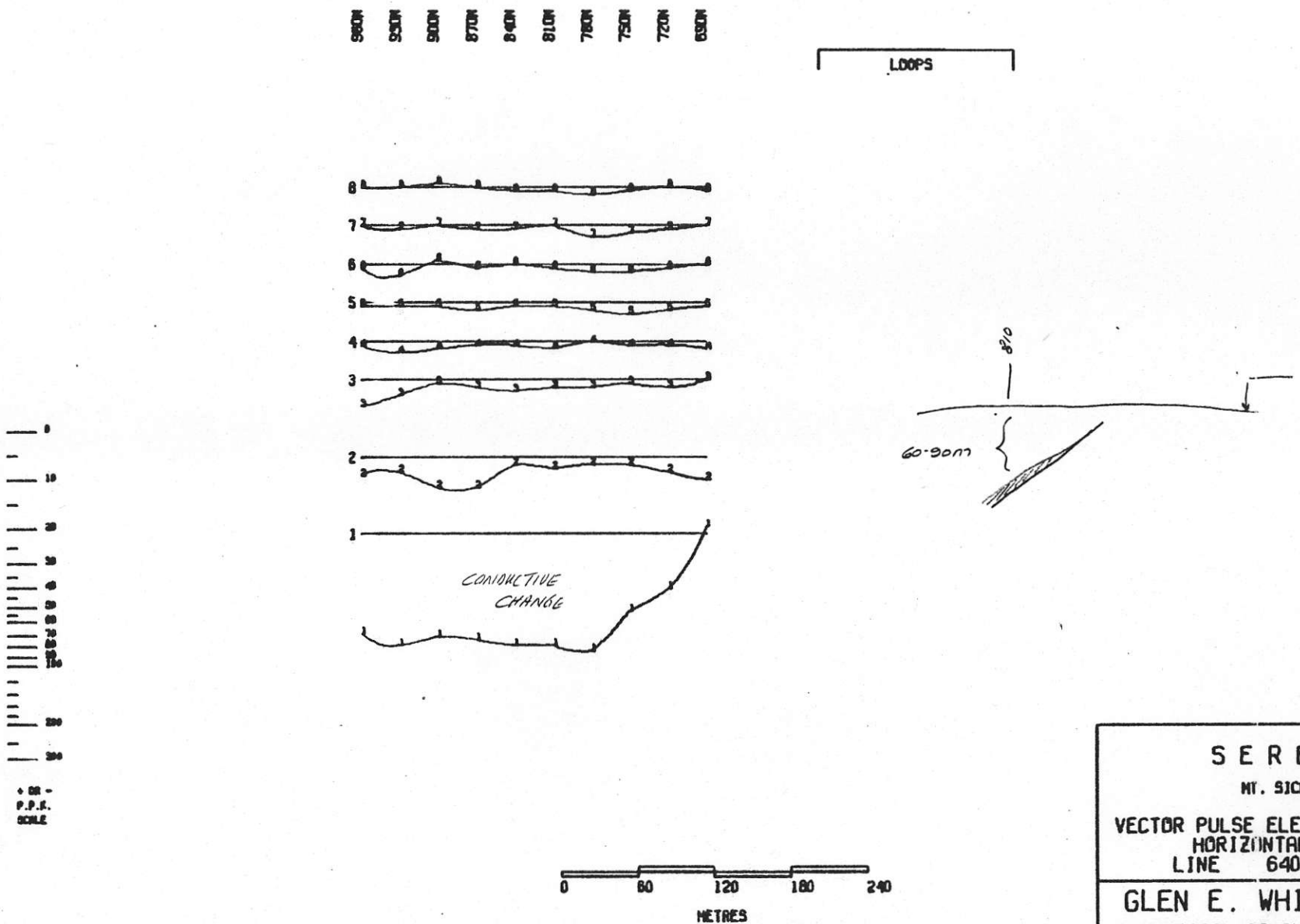
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200E Q

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 92-B/13

DATE 16 APRIL 1980

FIG.NO: 59



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD.

MT. SICKER PROJECT

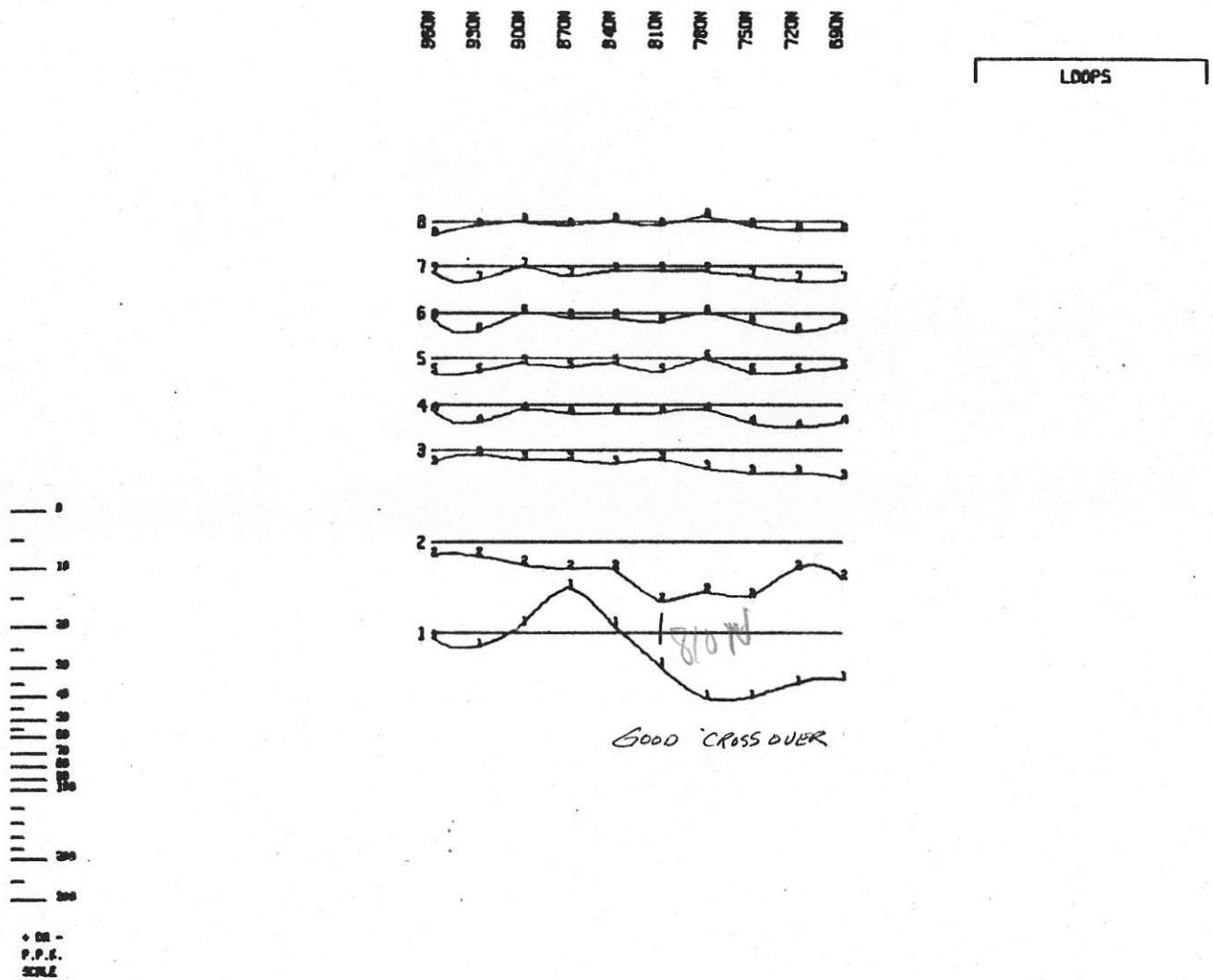
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 6400E S

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 92-B/13

DATE 10 APRIL 1980

FIG.NO: 60



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

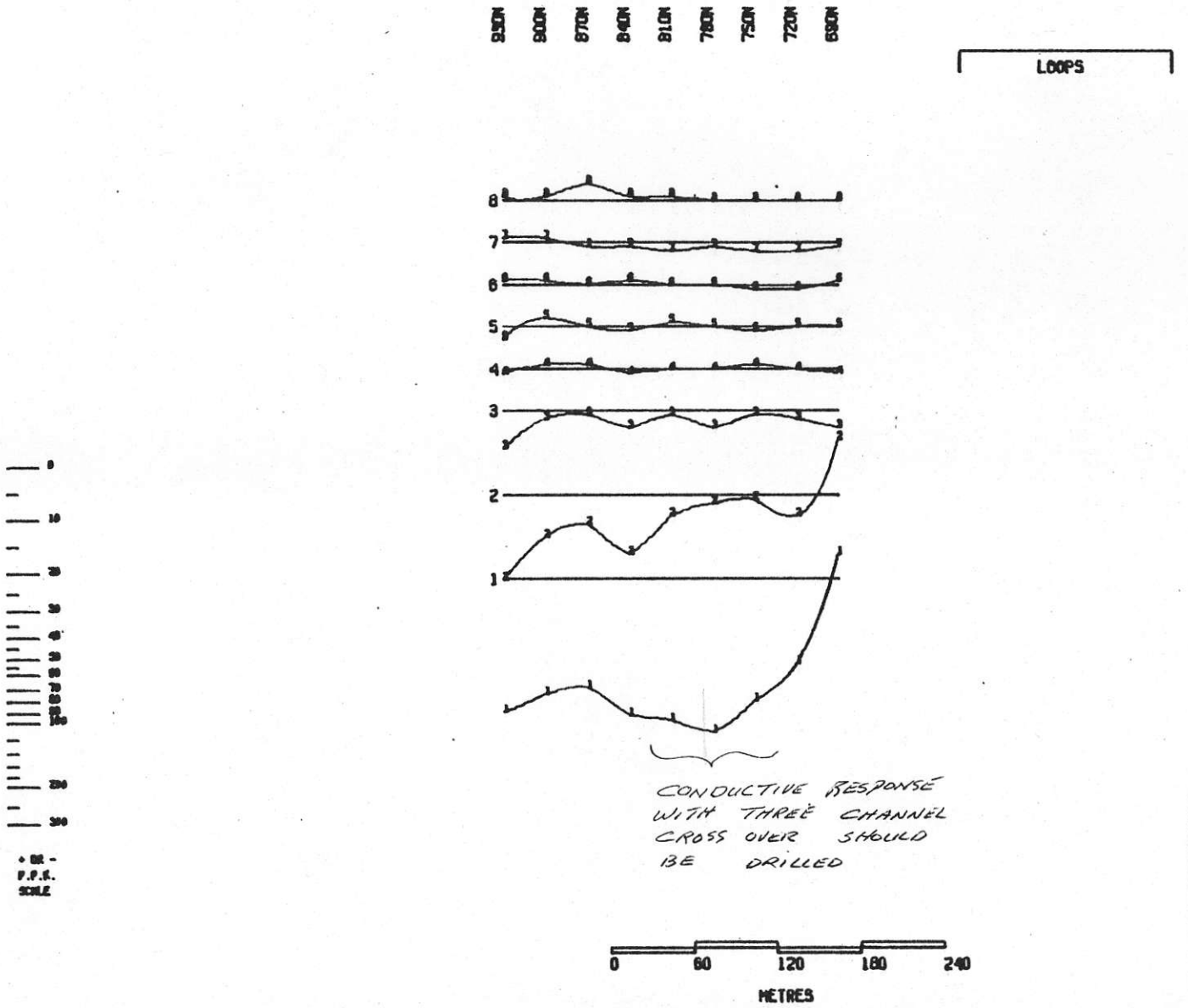
S E R E M LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 6400E S

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 92-B/13
DATE 16 APRIL 1989
FIG.NO: 61



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

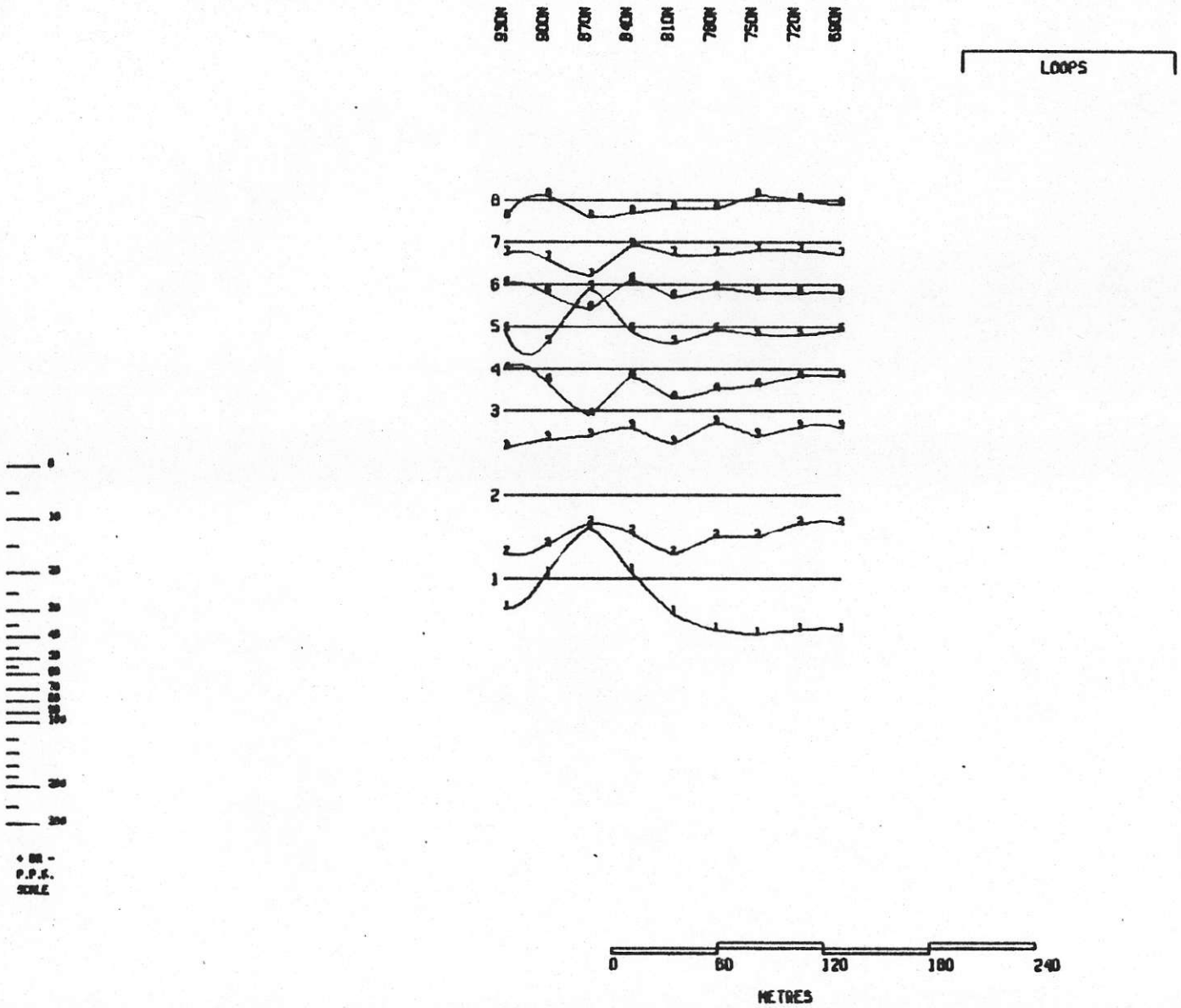
SEREM LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 6800E S

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

N.T.S. 92-B/13
DATE 10 APRIL 1980
FIG.NO: 62



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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 6800E S

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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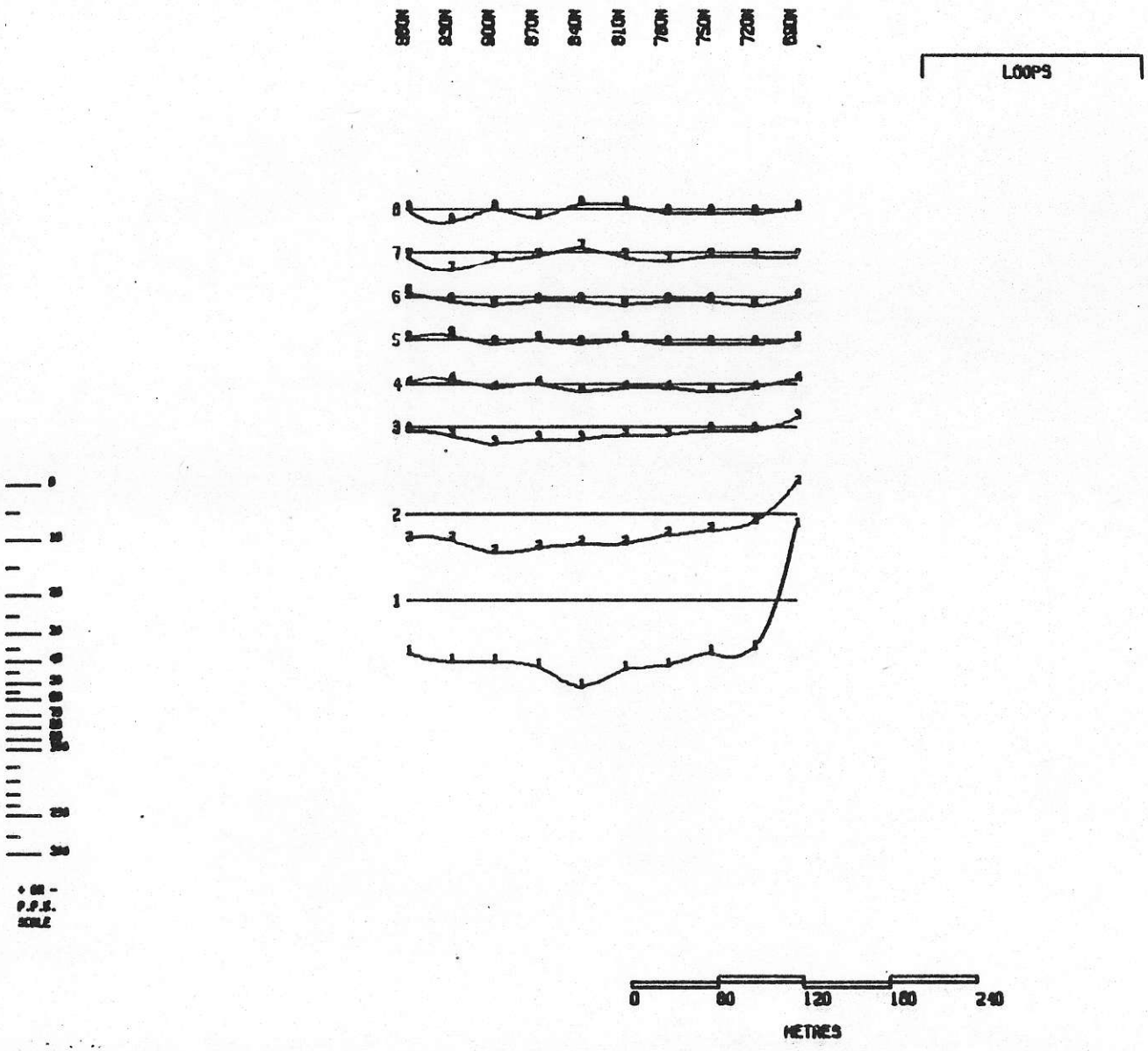
N.T.S. 92-B/13
DATE 16 APRIL 1980
FIG.NO: 63



SEREM LTD.

MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 7200E S

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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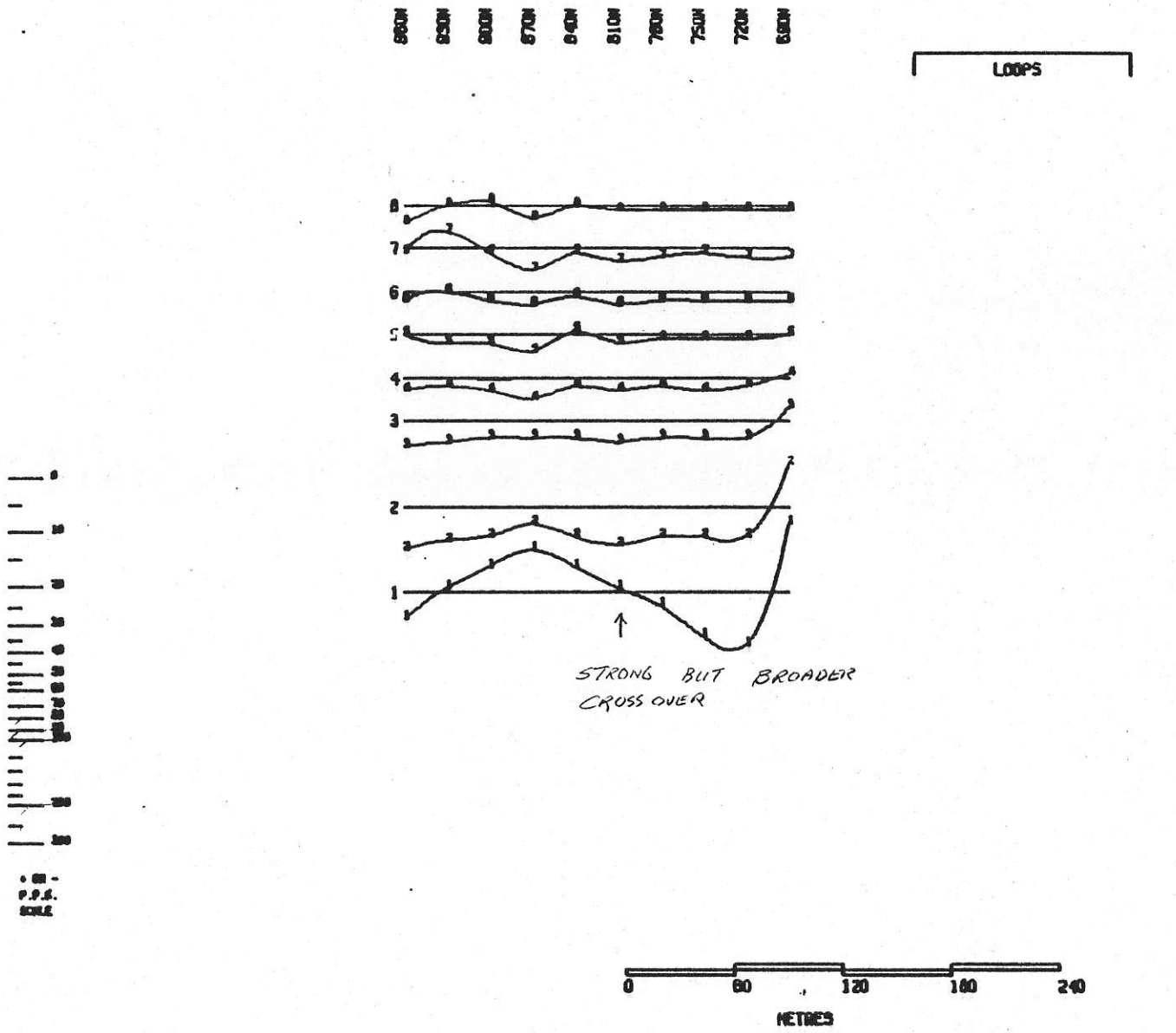
FIG.NO: 64



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. STICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 7200E S

GLEN E. WHITE
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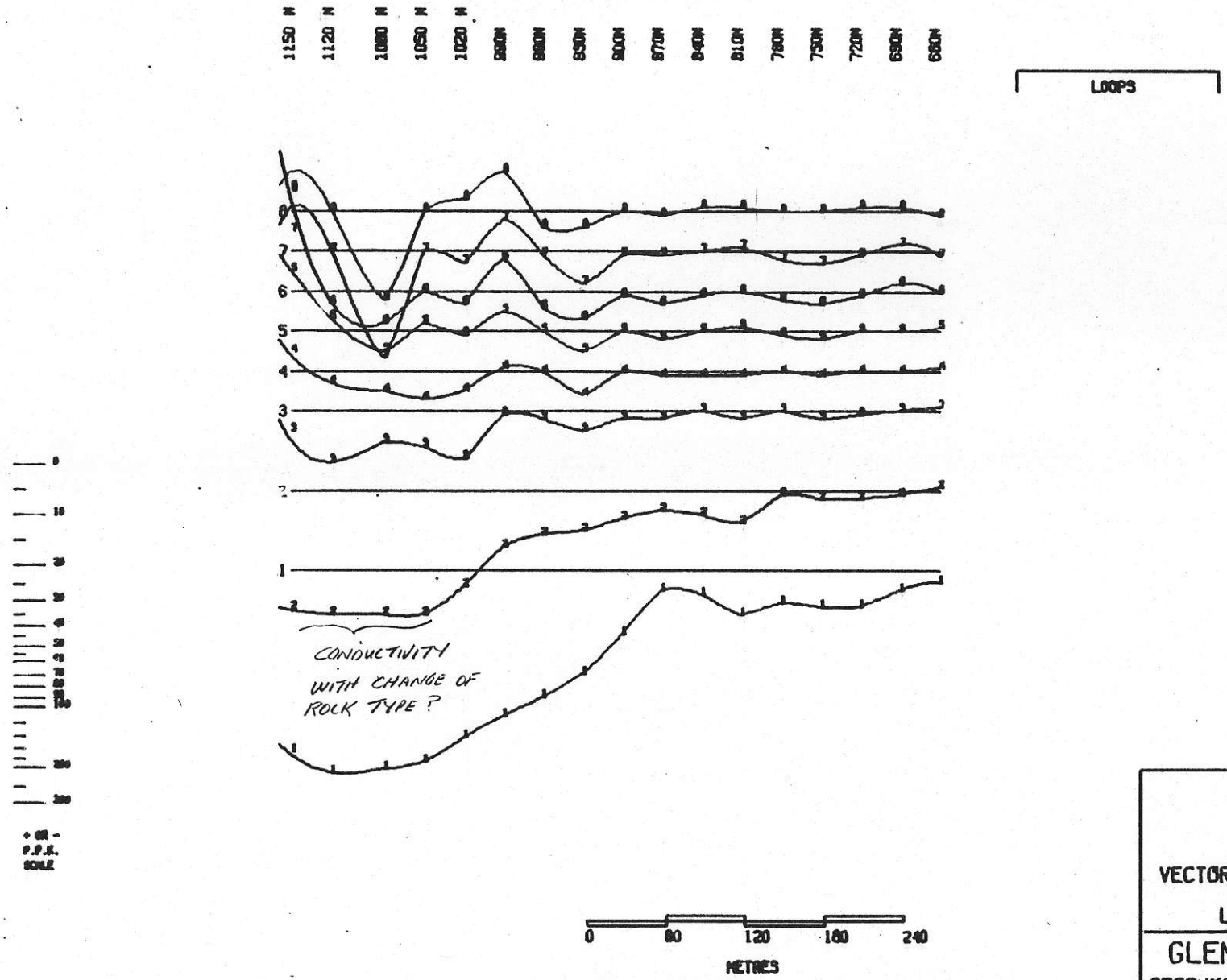
N.T.S. 92-B/13

FIG.NO: 65



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 7600E S

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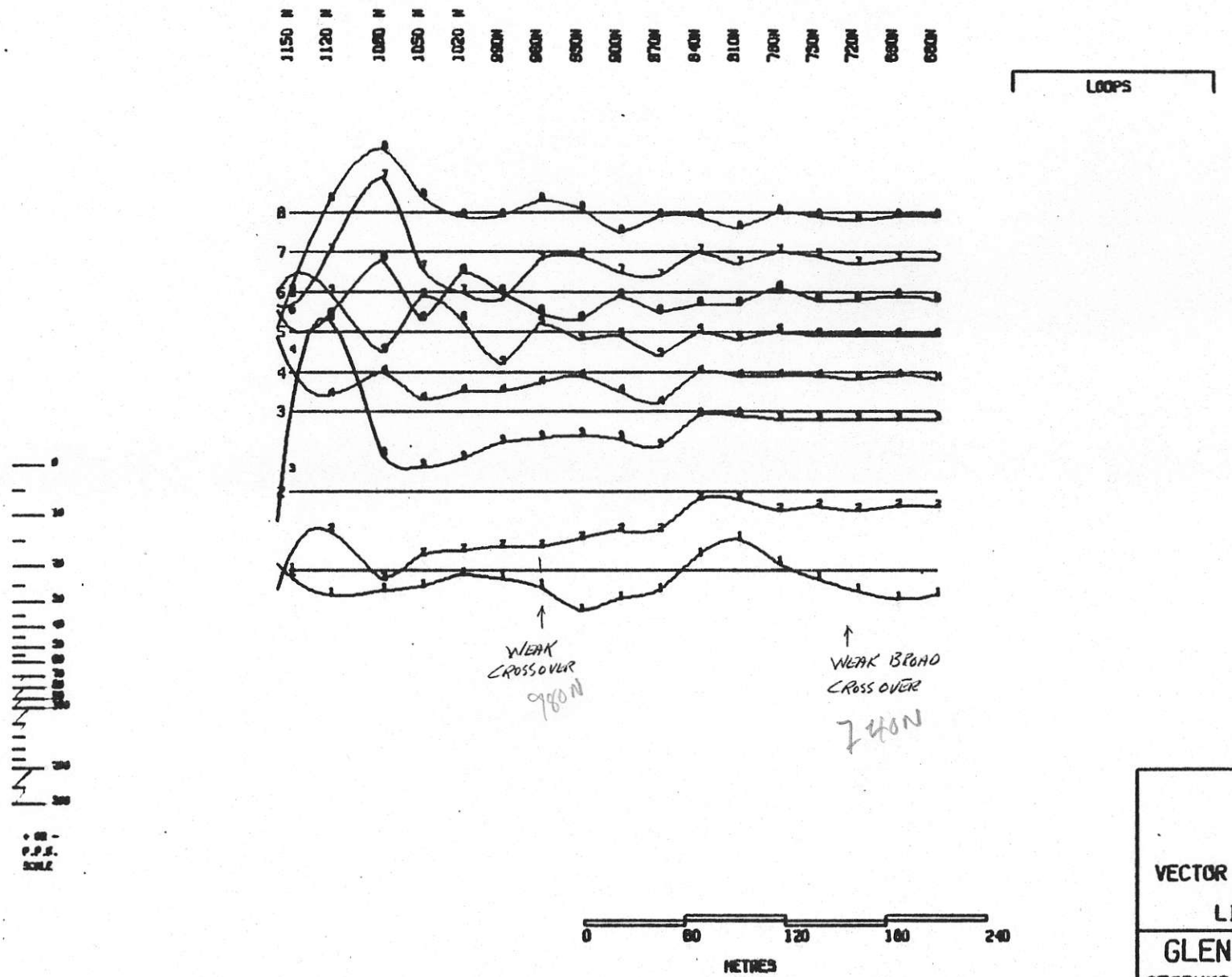
FIG.NO: 66



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. STONER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 7600E S

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GEOPHYSICAL CONSULTING
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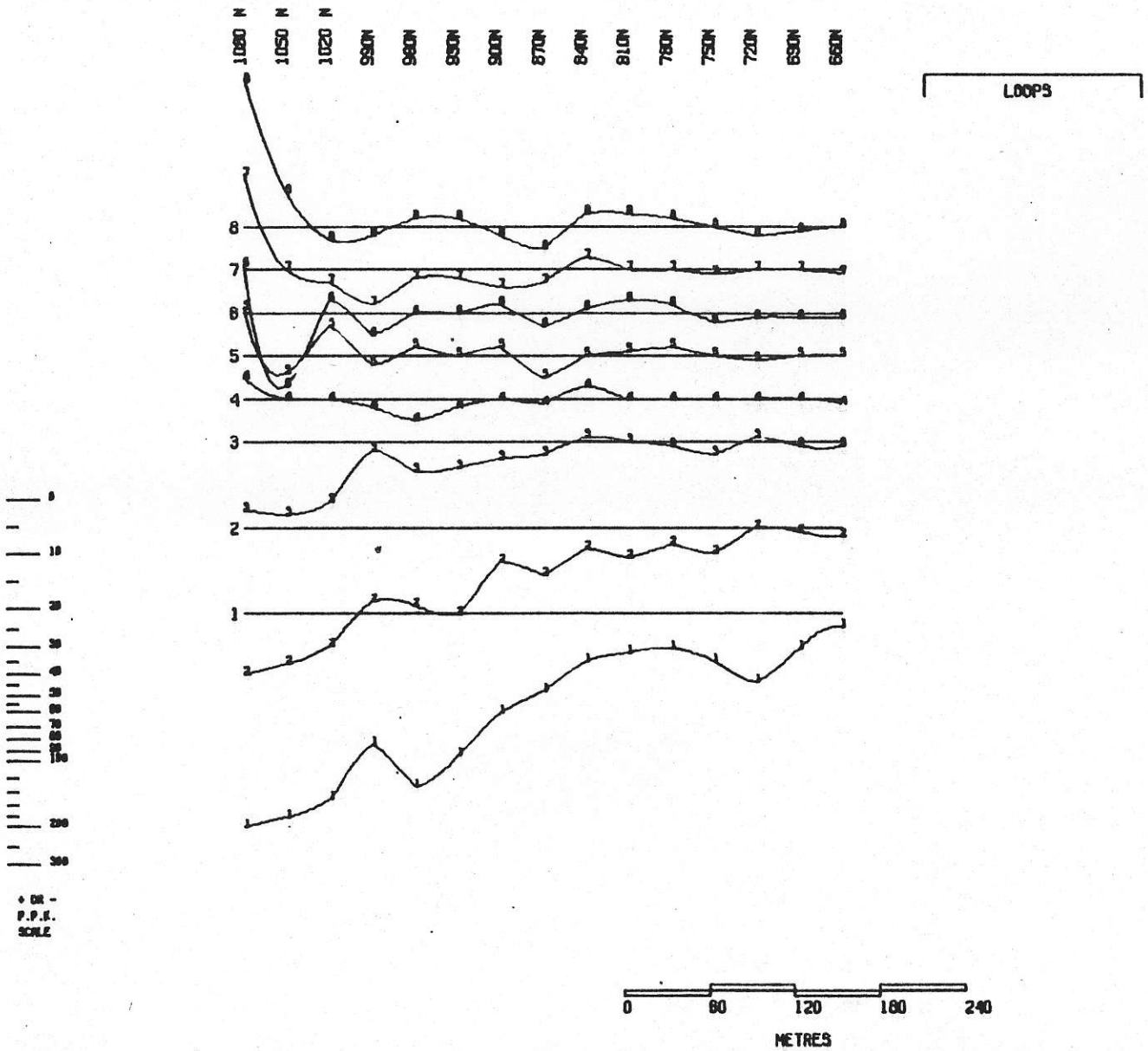
N.T.S. 92-B/13
DATE 30 APRIL 1980
FIG.NO: 67



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 8000E S

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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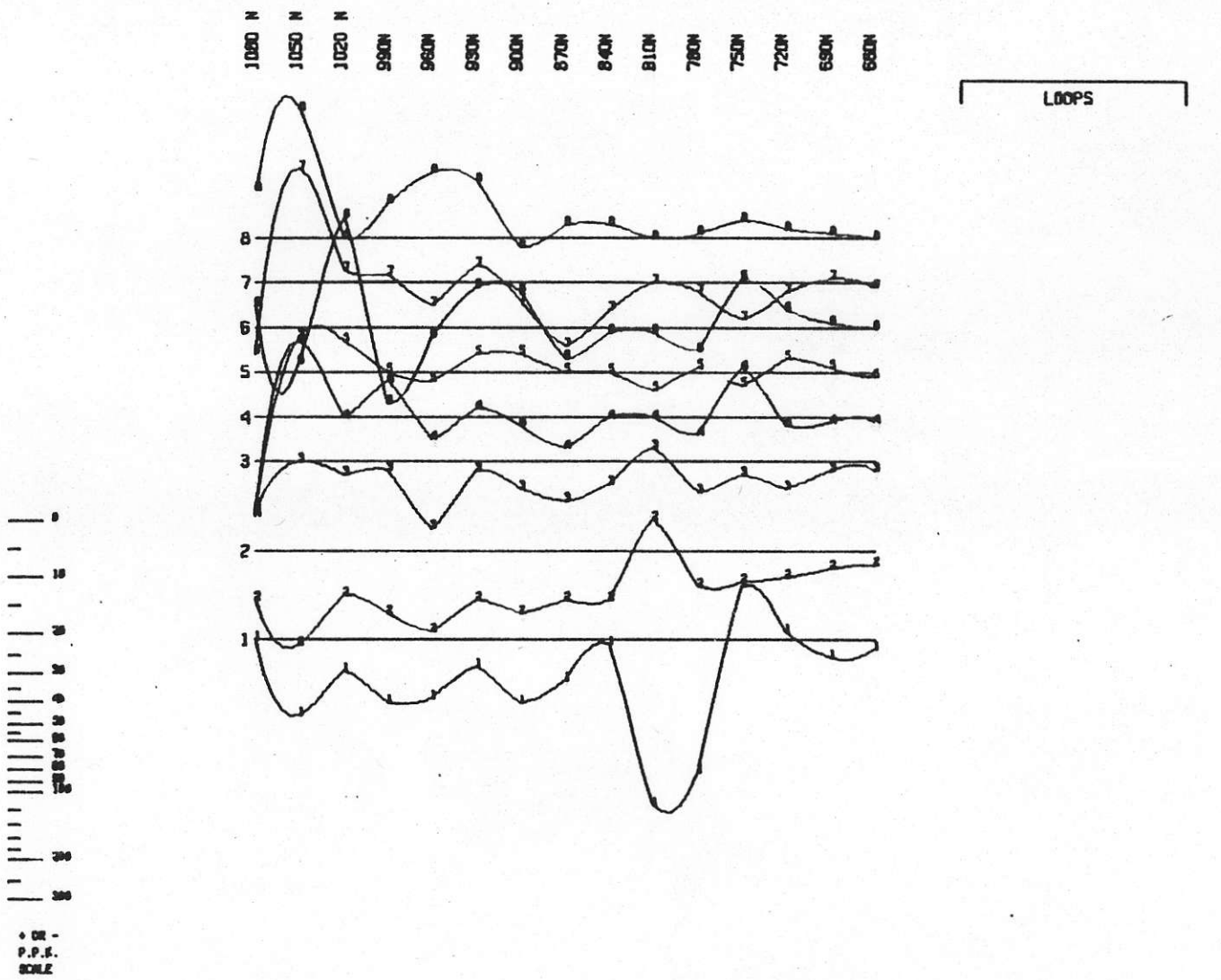
N.T.S. 92-B/13
DATE 10 APRIL 1989
FIG.NO: 68



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 8000E S

GLEN E. WHITE
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DATE 10 APRIL 1989

FIG.NO: 69

Glen E. White **GEOPHYSICAL CONSULTING & SERVICES LTD.**

9251 Beckwith Road, Richmond, British Columbia, V6X 1V7 Telephone: (604) 273-6962

May 28, 1980

Mr. P. Ronning
Project Geologist
Serem Ltd.
300 - 535 Thurlow St.
Vancouver, B. C.
V6E 3L2

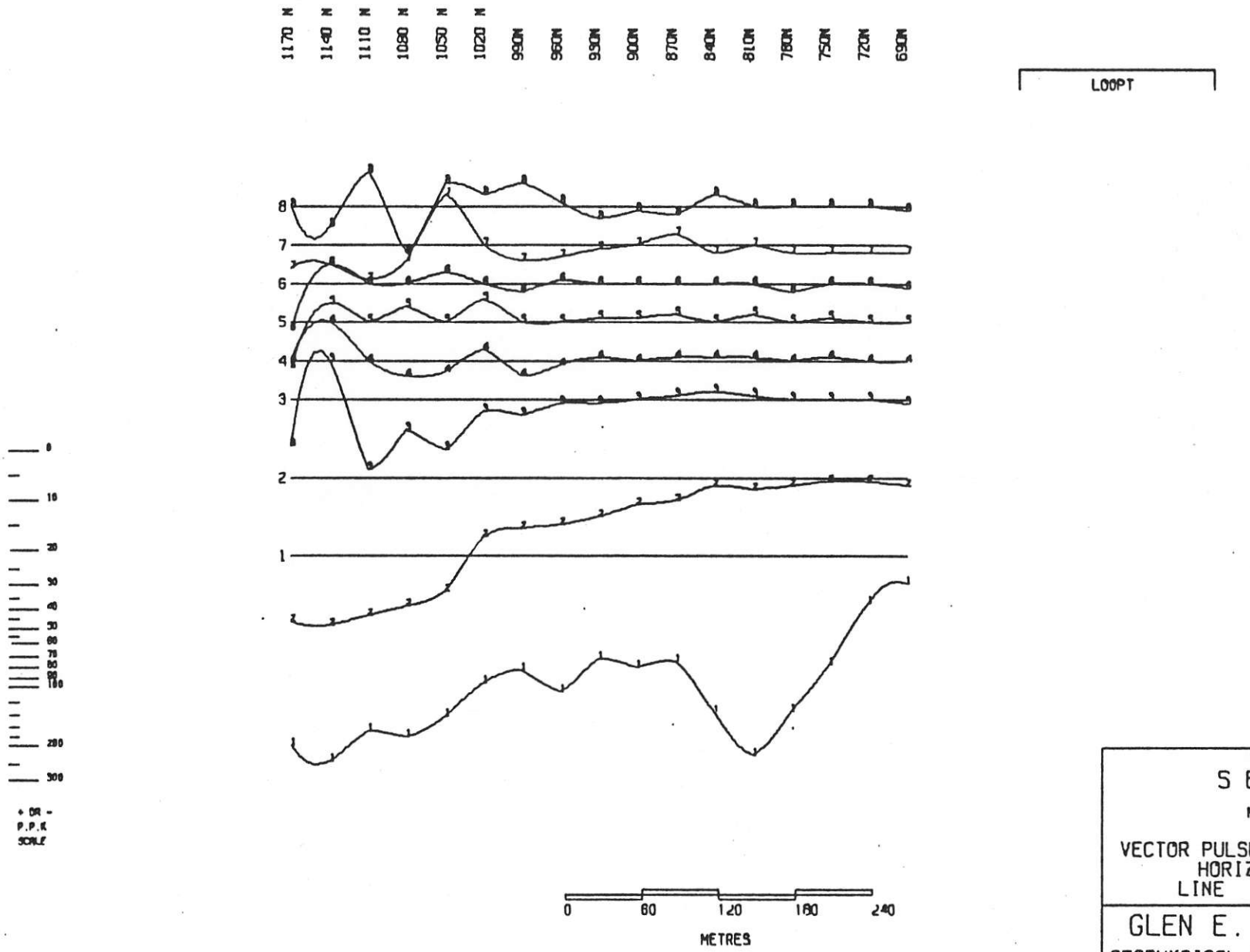
Dear Mr. Ronning:

Enclosed please find Figures 70 - 81 which cover the vector pulse electromagnetometer component sections over lines 4400E to 6400E from loop J. The crossover detected on line 6400E from loop S was confirmed from loop J; however, the response is largely a channel 1 deflection and thus is likely of lithologic cause. This response continues to line 6000E. No significant responses were obtained on lines 5600E to 4400E.

Yours truly,

Glen E. White, B.Sc., P. Eng.
Consulting Geophysicist

GW/kw
encl/



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 6400E T

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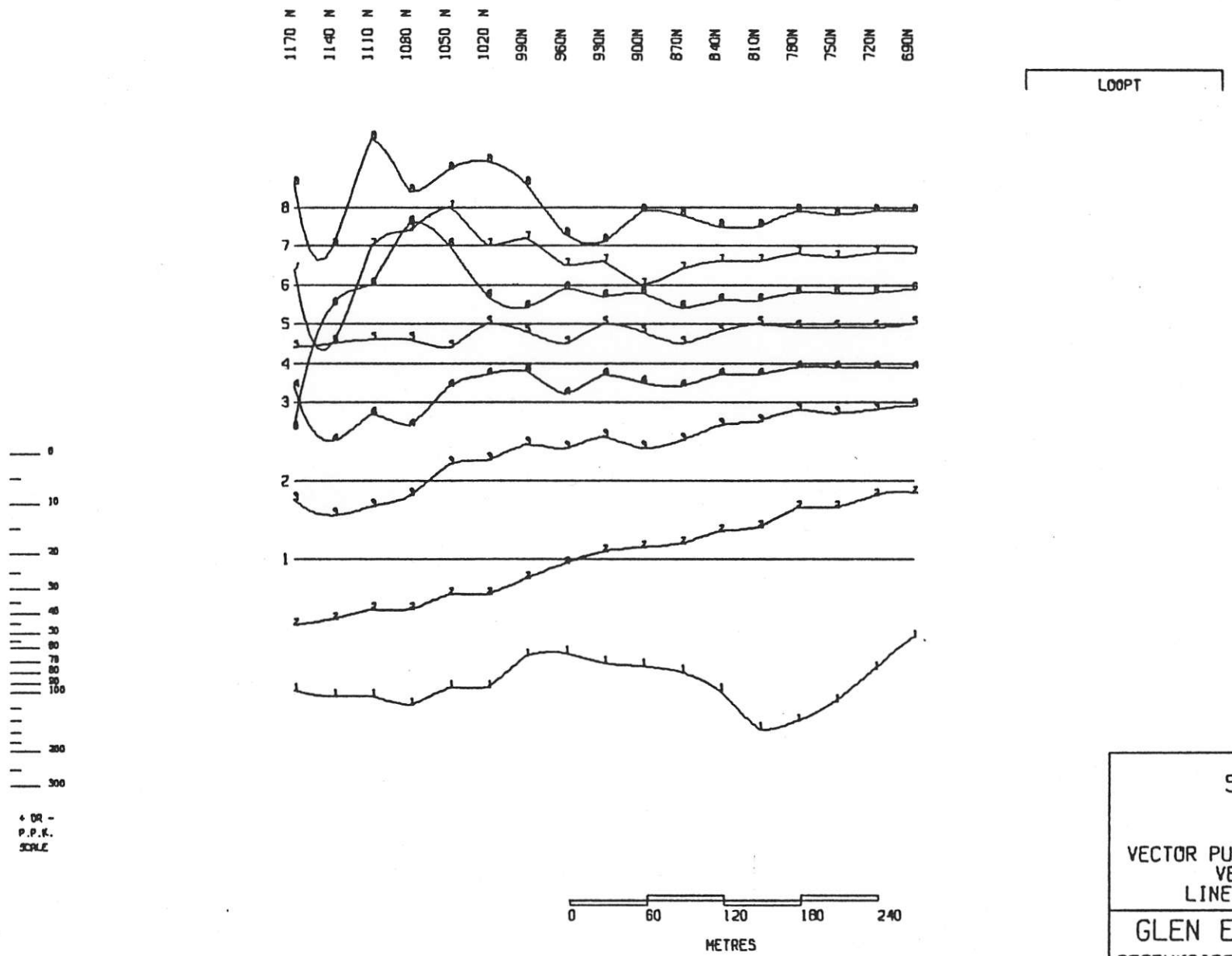
N.T.S. 92-B/13

DATE 7 MAY 1988

FIG.NO: 70



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 6400E T

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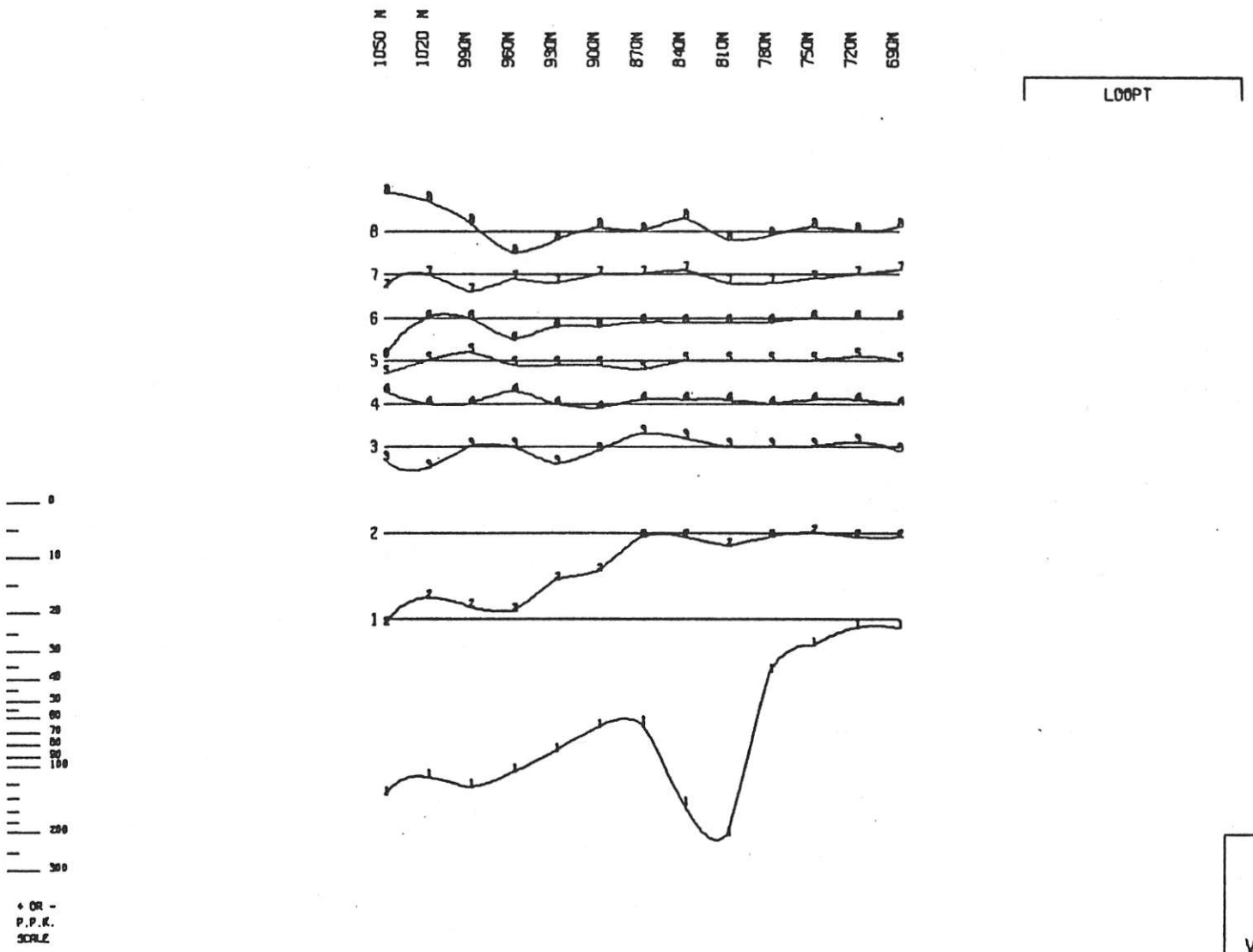
DATE 7 MAY 1980

FIG.NO: 7/



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 6000E T

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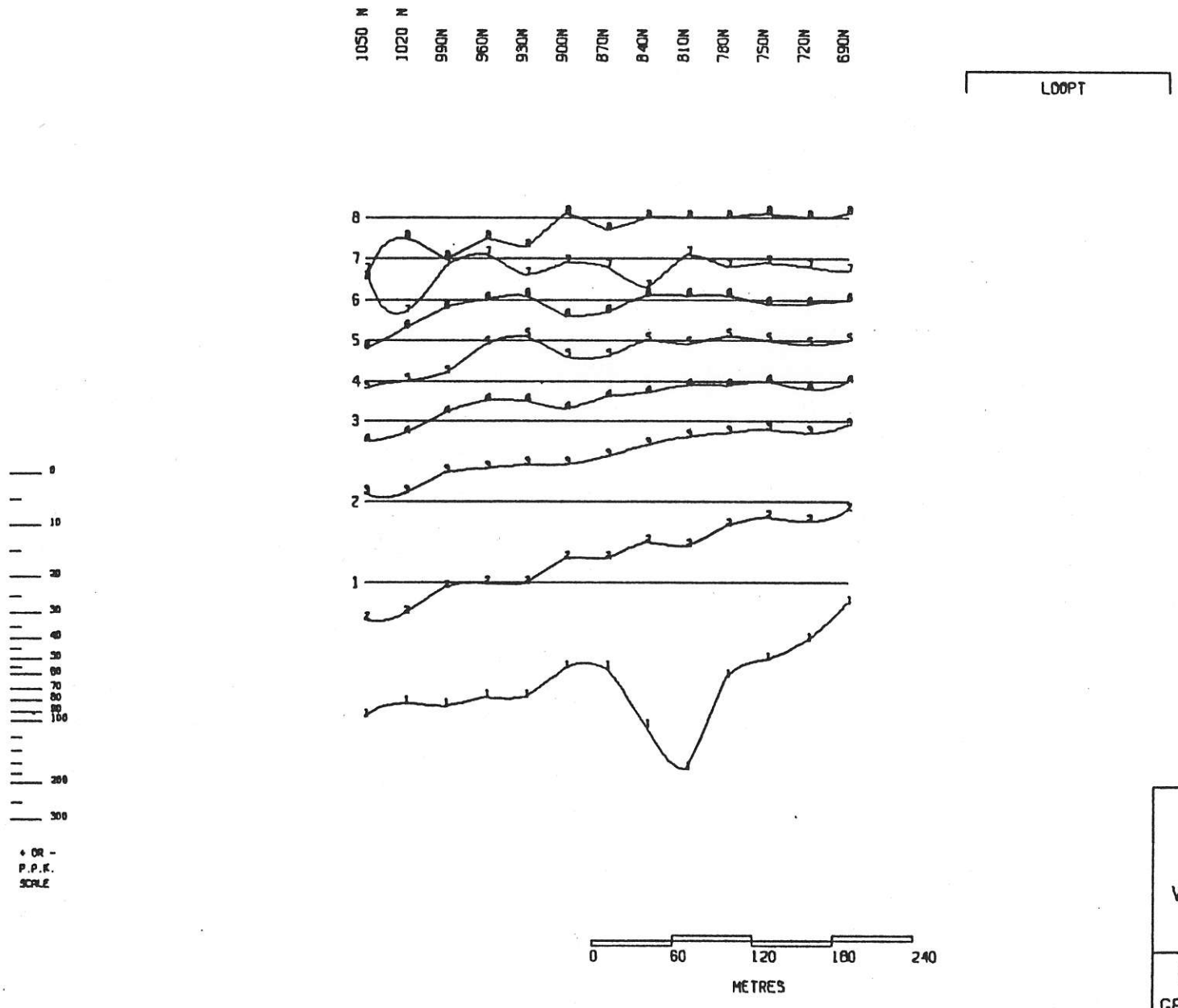
DATE 7 MAY 1988

FIG.NO: 72



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 6000E T

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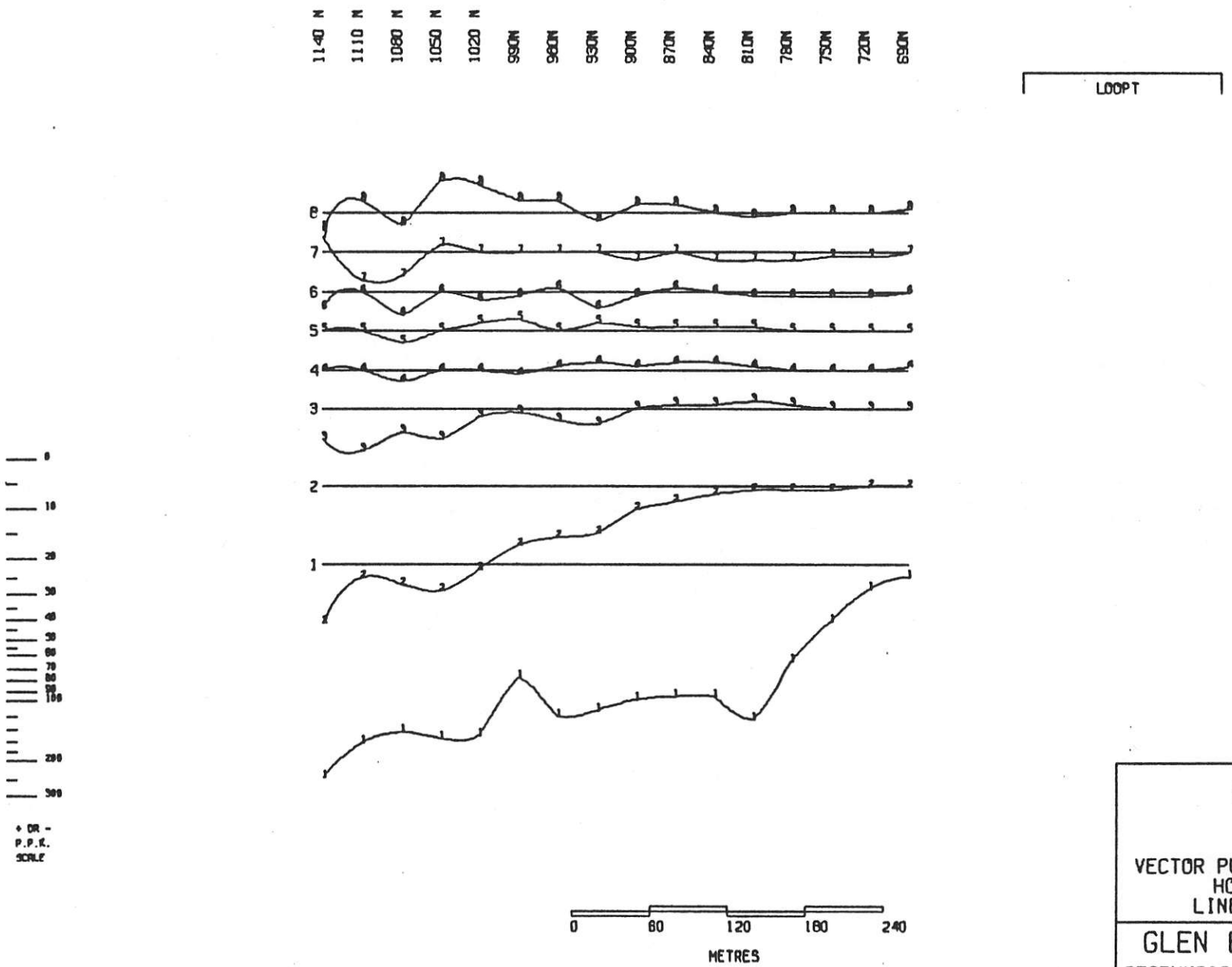
DATE 7 MAY 1988

FIG.NO: 73



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 5600E T

GLEN E. WHITE
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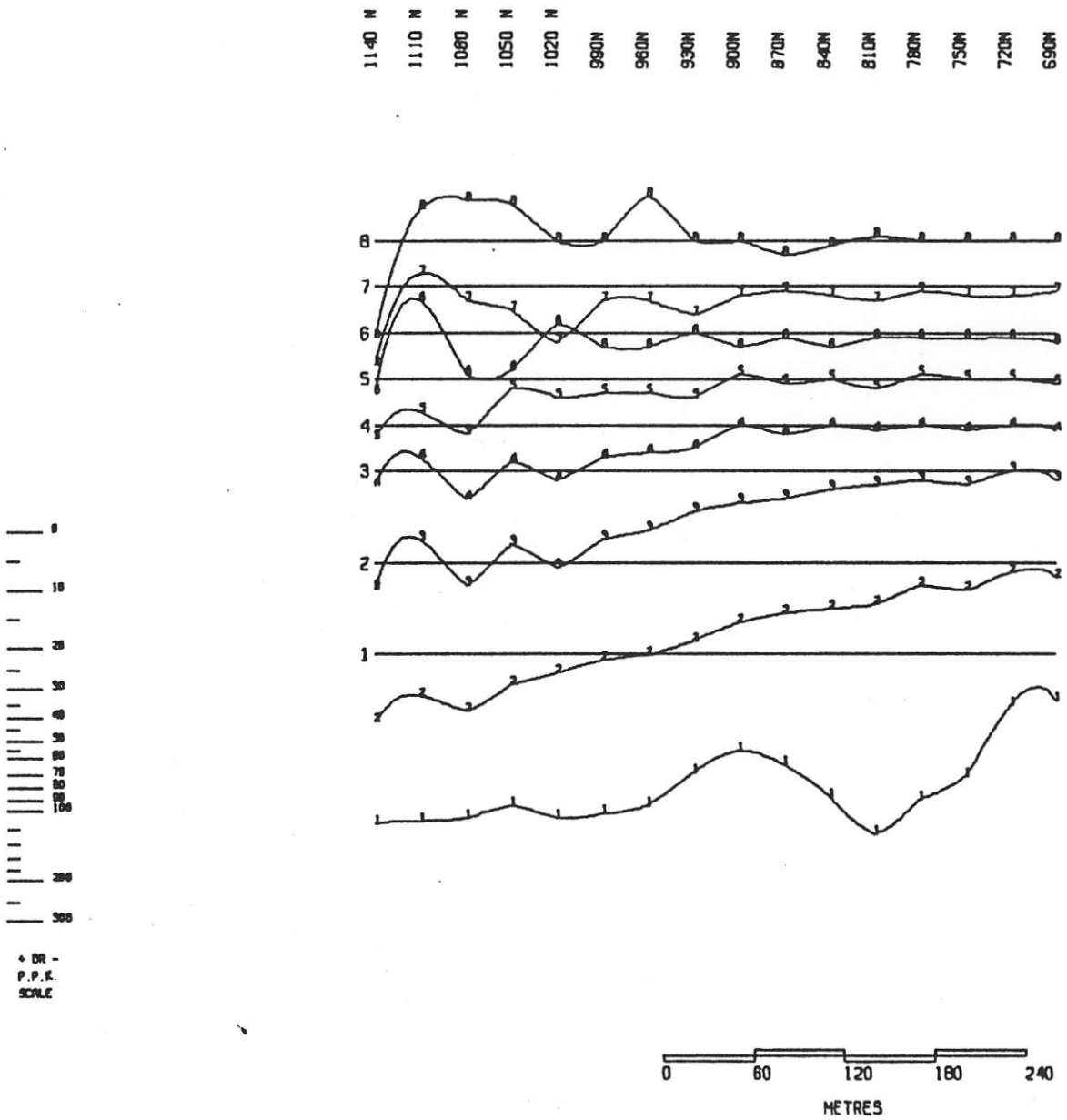
N.T.S. 92-B/13

DATE 7 MAY 1988

FIG.NO: 74



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKFR PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 5600E T

GLEN E. WHITE
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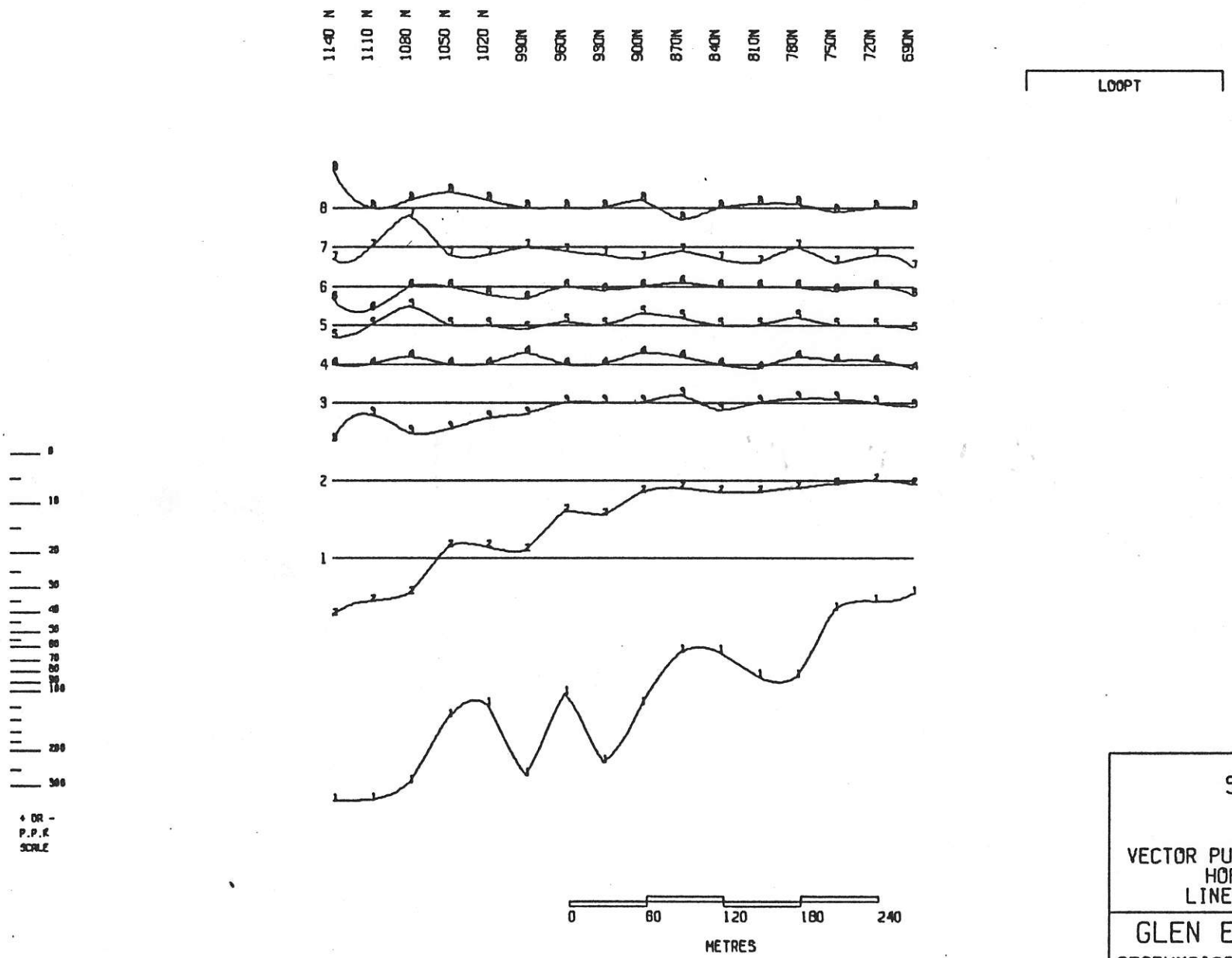
N.T.S. 92-8/19
DATE 7 MAY 1988
FIG.NO: 75



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 5200E T

GLEN E. WHITE
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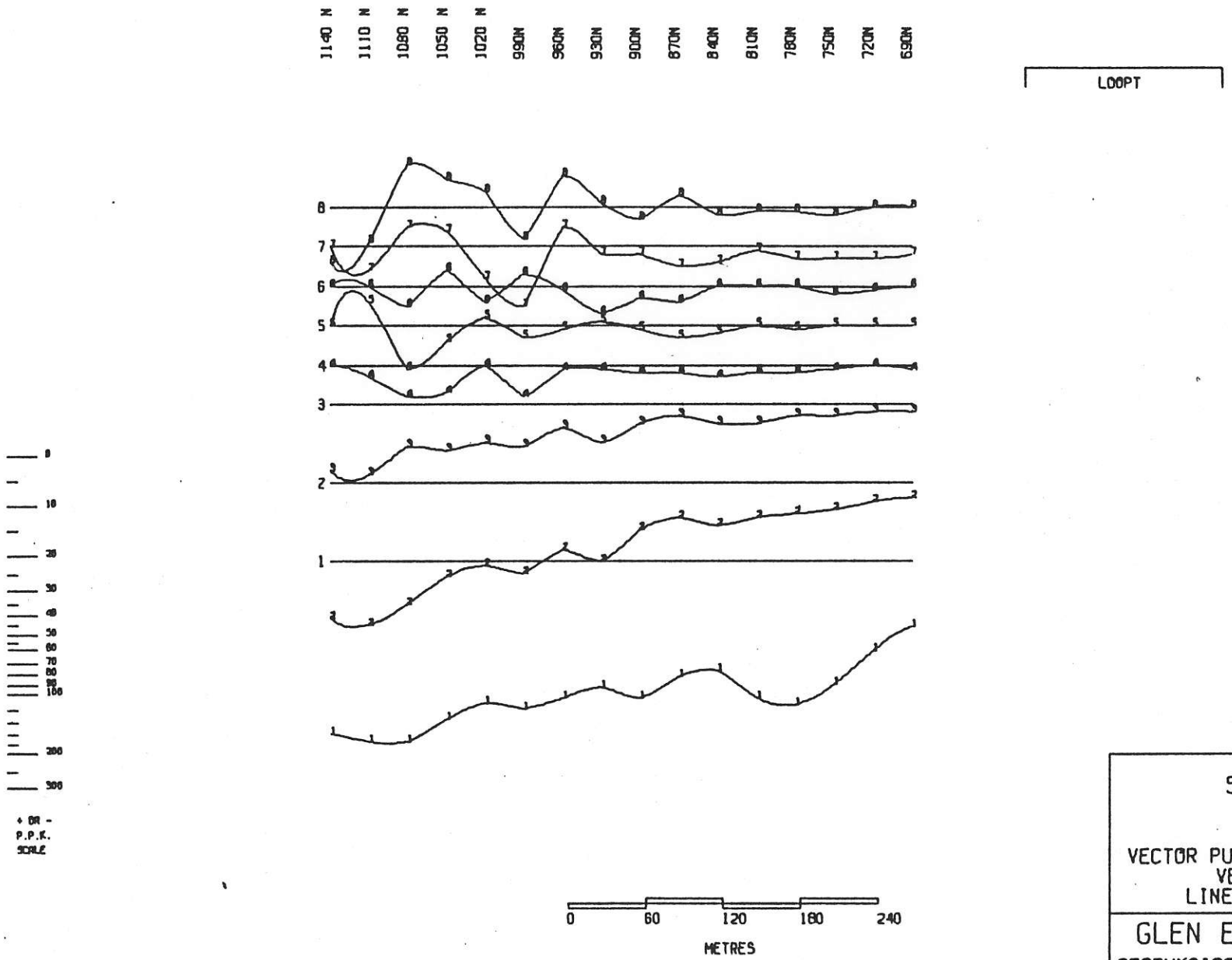
N.T.S. 92-B/13

DATE 7 MAY 1988

FIG.NO: 76



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 5200E T

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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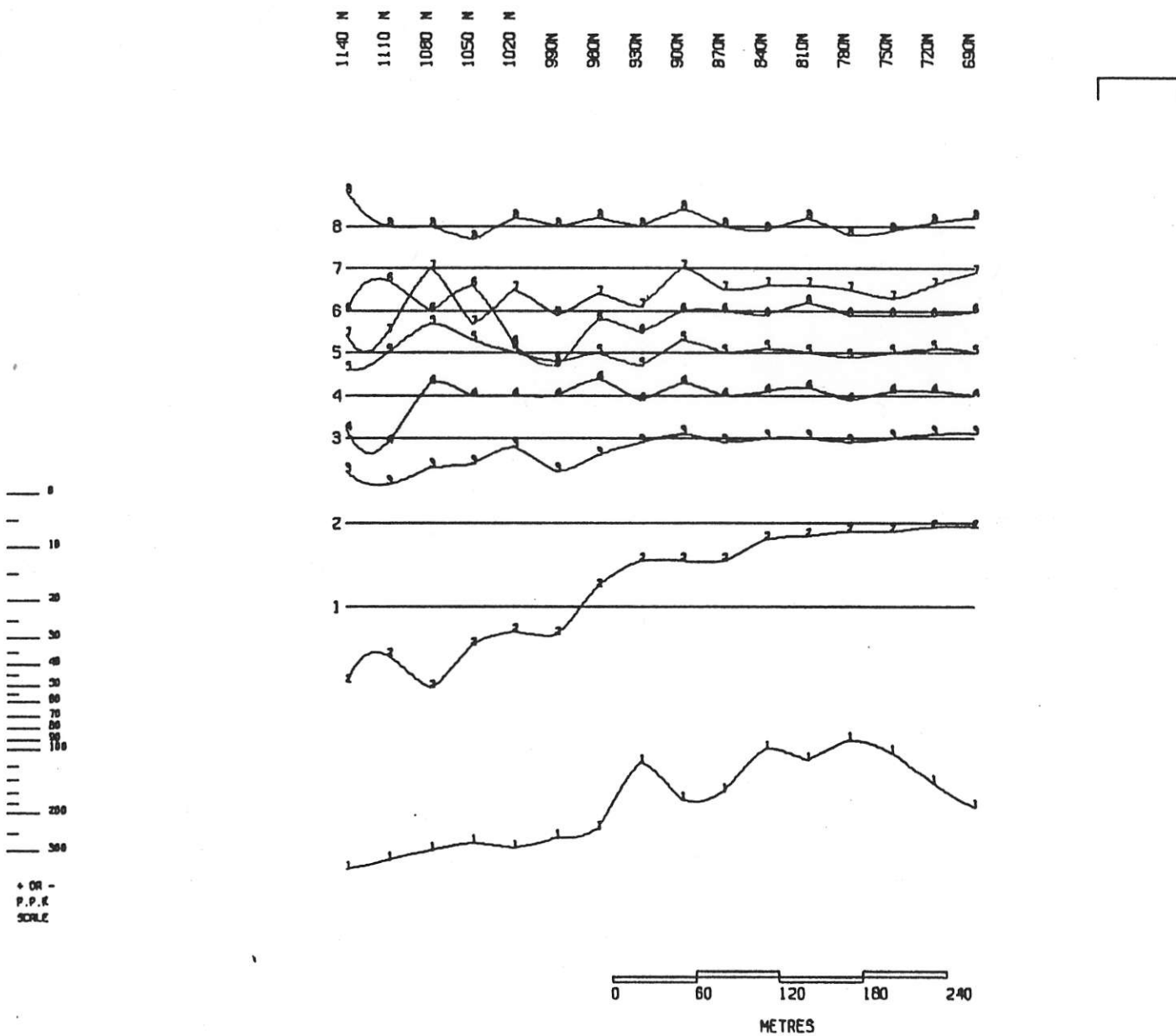
DATE 7 MAY 1980

FIG.NO: 77



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 4800E T

GLEN E. WHITE
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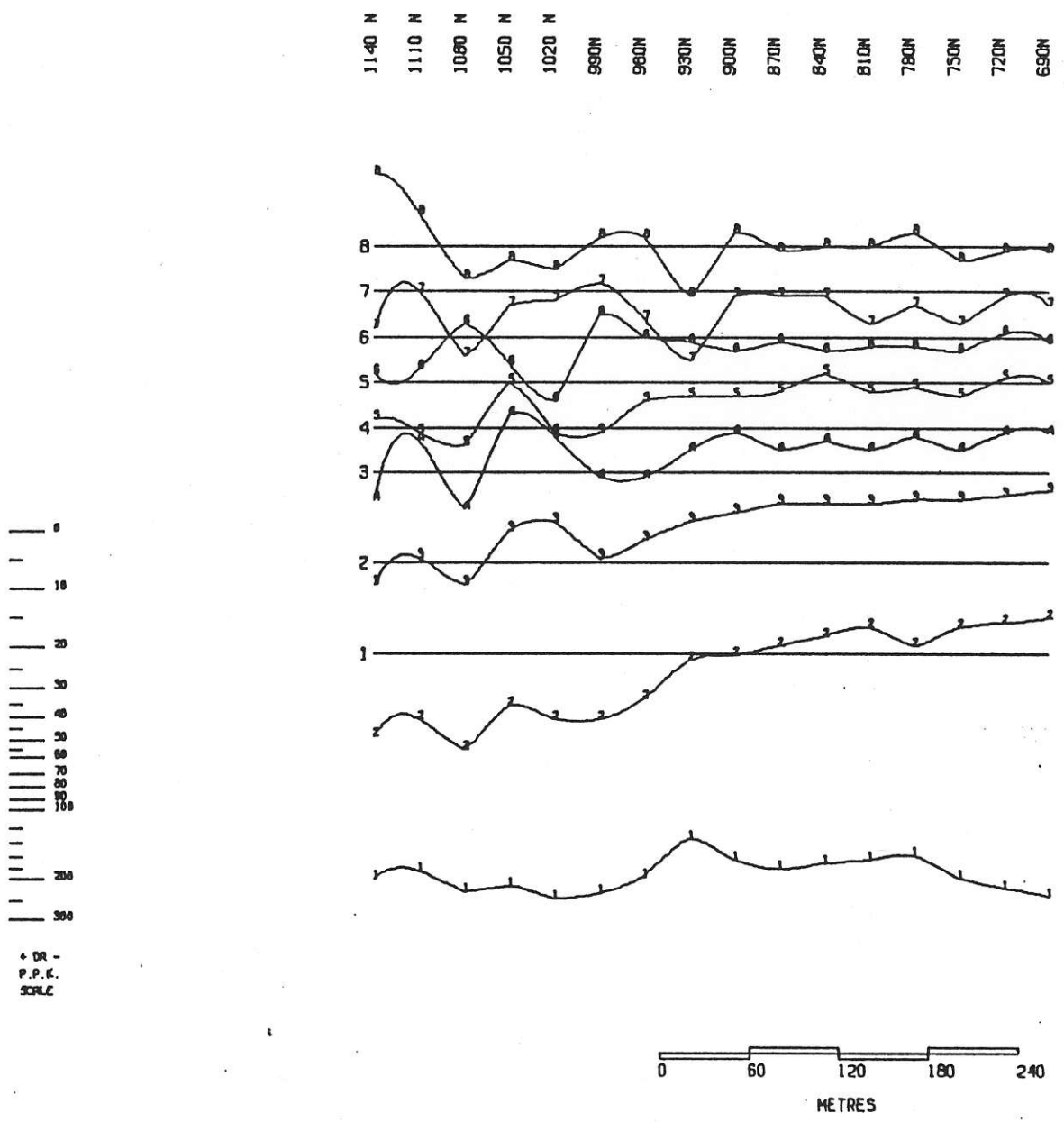
DATE 7 MAY 1988

FIG.NO: 78



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 4800E T

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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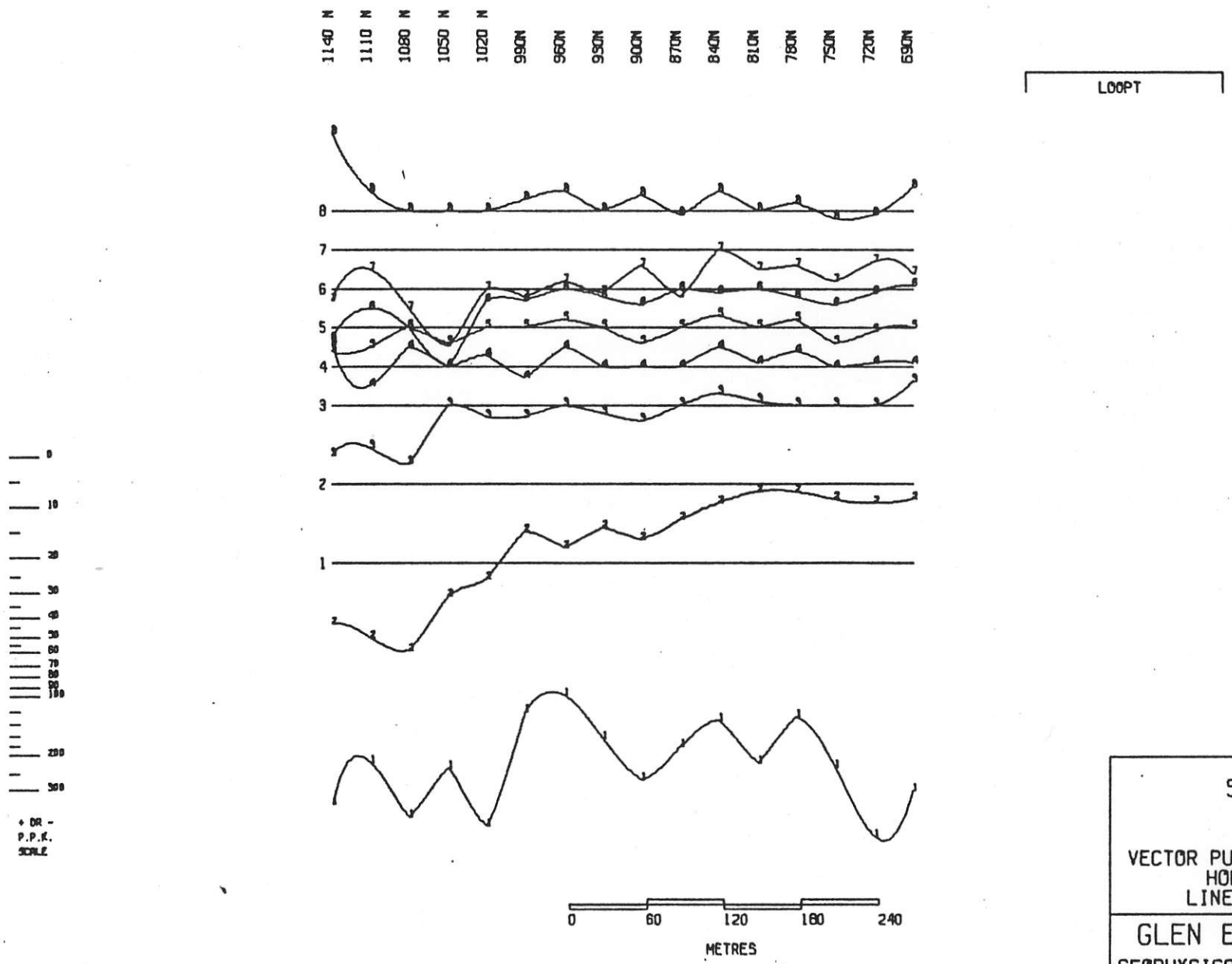
DATE 7 MAY 1980

FIG.NO: 79



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. SICKER PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 4400E T

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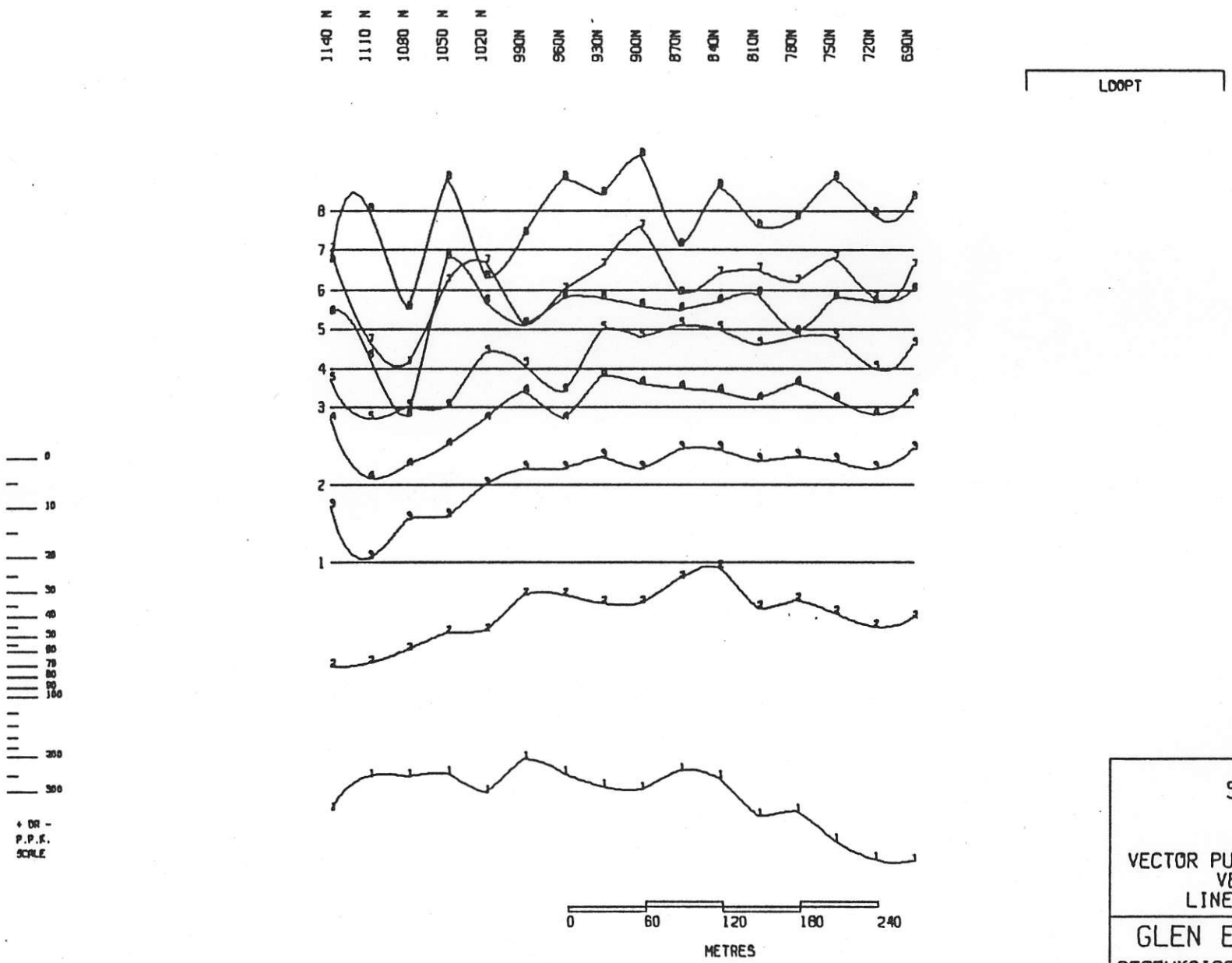
DATE 7 MAY 1988

FIG.NO: 80



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 4400E T

GLEN E. WHITE
GEOPHYSICAL CONSULTING
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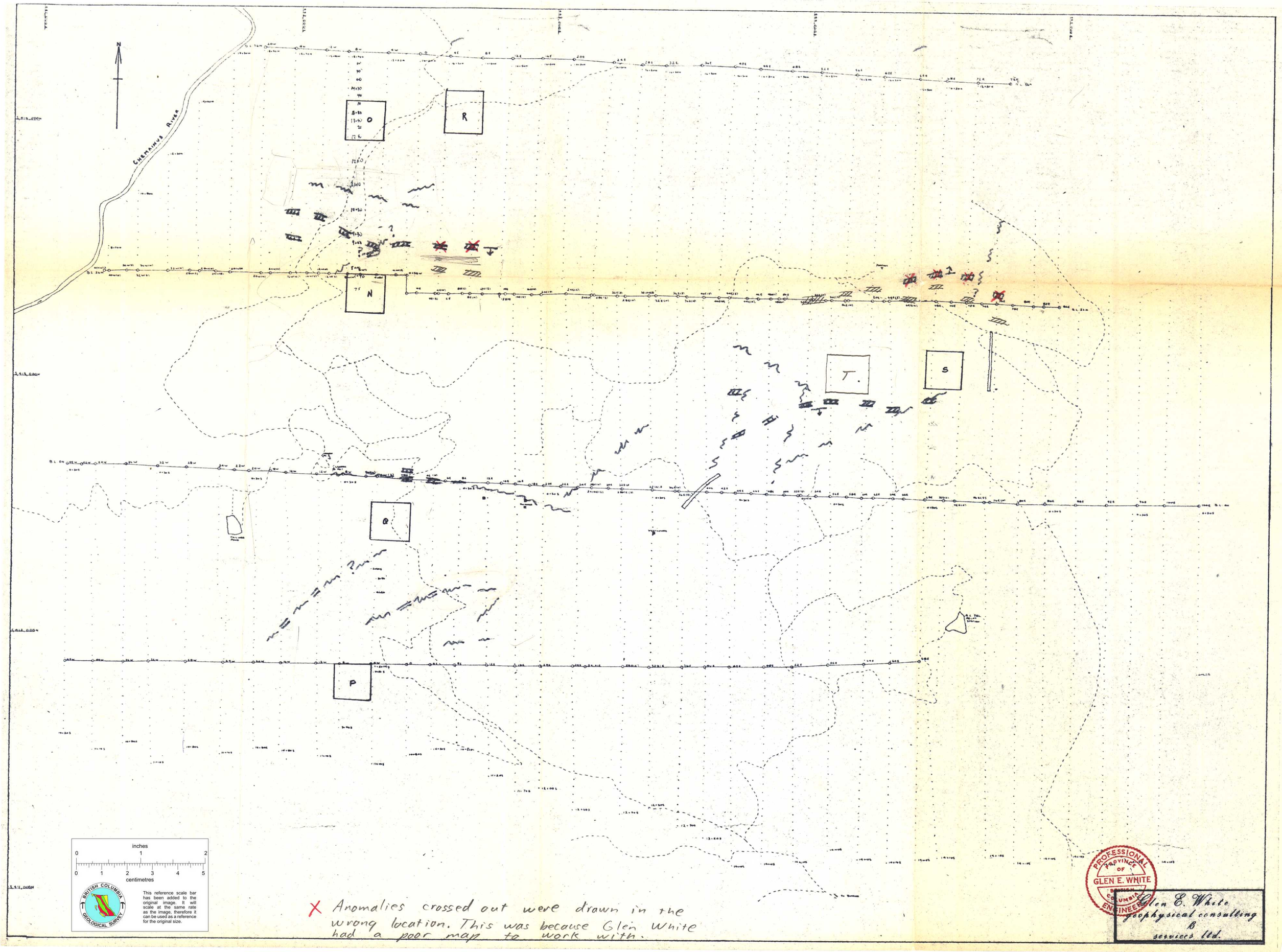
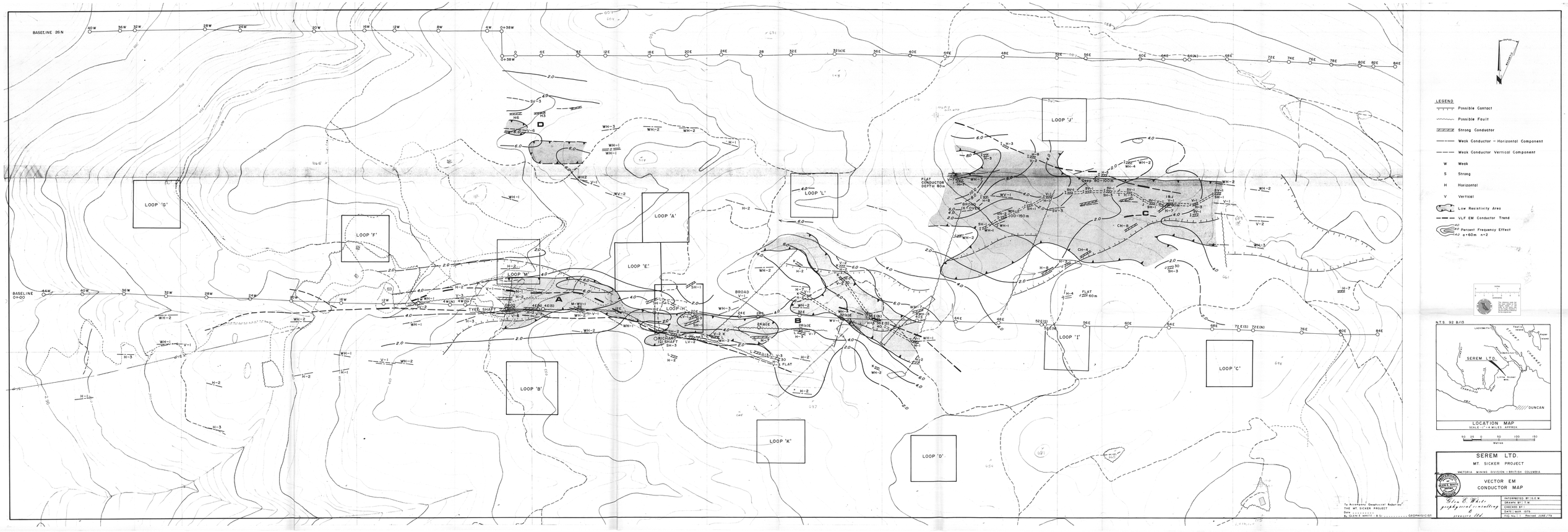
N.T.S. 92-B/13
DATE 7 MAY 1980
FIG.NO: 81



X Anomalies crossed out were drawn in the wrong location. This was because Glen White had a poor map to work with.


BASELINE 26N
BASELINE 0+00
LOOP 'G'
LOOP 'F'
LOOP 'M'
LOOP 'A'
LOOP 'E'
LOOP 'H'
LOOP 'B'
LOOP 'K'
LOOP 'L'
LOOP 'J'
LOOP 'I'
LOOP 'C'
LOOP 'D'
TYEE SHAFT
ORCHARD SHAFT
BROAD X-OVER
FLAT CONDUCTOR DEPTH 80m
Depth 90-100m
100-150m
FLAT 60m
A
B
C
D
LEGEND
Possible Contact
Possible Fault
Strong Conductor
Weak Conductor - Horizontal Component
Weak Conductor Vertical Component
W Weak
S Strong
H Horizontal
V Vertical
Low Resistivity Area
VLF EM Conductor Trend
Percent Frequency Effect
a=60m n=2
NOTES
This location map has been compiled from various sources and is intended for illustrative purposes only.
N.T.S. 92 B/15
SEREM LTD.
LADYSMITH
TRANSITE INDUSTRY
DUNCAN
LOCATION MAP
SCALE - 1" = 4 MILES APPROX.
METRES
SEREM LTD.
MT SICKER PROJECT
VICTORIA MINING DIVISION - BRITISH COLUMBIA
VECTOR EM
CONDUCTOR MAP
INTERPRETED BY: C.E.W.
DRAWN BY: T.W.
CHECKED BY:
DATE: MAR. 1975
FIG. No.: 1 Revised JUNE/79
To Accompany Geophysical Report on THE MT SICKER PROJECT
Scale 1" = 100'
By GLEN E. WHITE - B.Sc. GEOPHYSICIST