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SKYLINE EXPLORATIONS LTD.
GEOPHYSICAL REPORT
ON A
PULSE ELECTROMAGNETOMETER SURVEY
ON THE
WARATAH GRID, LIARD MINING DIVISION
LAT. $56^{\circ}39'N$ LONG. $131^{\circ}10'W$ NTS104B/11
AUTHORS: CLIFF CANDY, B.SC., GEOPHYSICIST
GLEN E.WHITE B.SC., P.ENG
CONSULTING GEOPHYSICIST
DATE OF WORK: JULY 6, 11-13, 1985
DATE OF REPORT: AUGUST 27, 1985

$56^{\circ}41'N$
 $130^{\circ}59'W$

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,832

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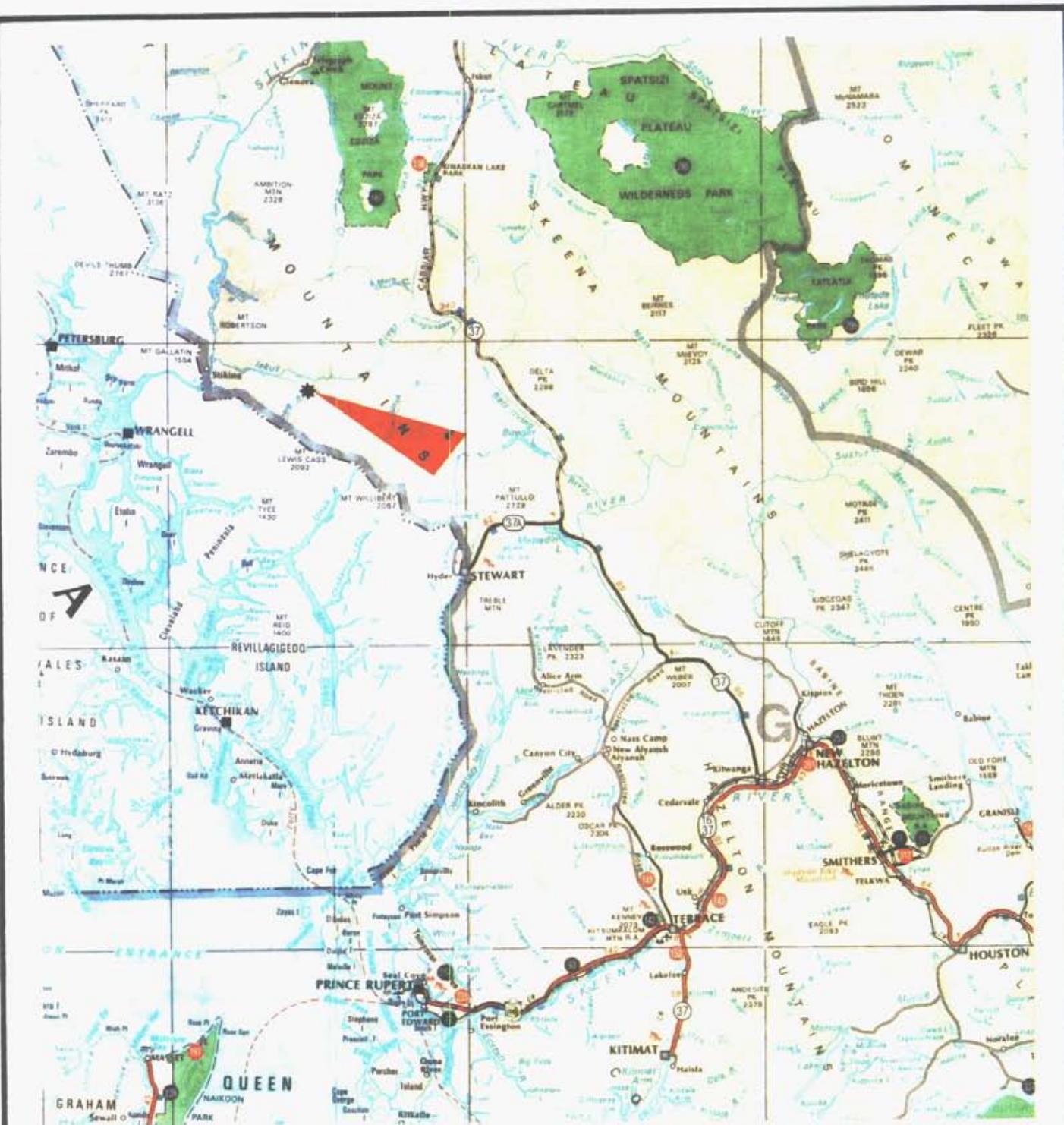
INTRODUCTION

During July of 1985 a brief pulse electromagnetometer survey was undertaken on the Waratah Grid on behalf of Skyline Explorations Ltd. This work was reconnaissance in nature and utilized a single transmitter loop setup.

PROPERTY

Claim Name	Record No.	Units	Record Date
Waratah 4	2559	20	13 September/82
Waratah 5	2560	20	13 September/82
Waratah 6	2561	20	13 September/82

The ground location of the legal corner posts were not checked by the author.



SKYLINE EXPLORATIONS LTD.
— WARATAH GRID —
LOCATION MAP

WHITE GEOPHYSICAL INC.

FIGURE 1

LOCATION AND ACCESS

The Waratah property covers the western flank of Snippaker Mountain some 80 km east of Wrangell, Alaska and 110 km northwest of Stewart, B.C. The Iskut River is along the northern part of the claims. The property is rugged and varies from 90 m to 2100 m.

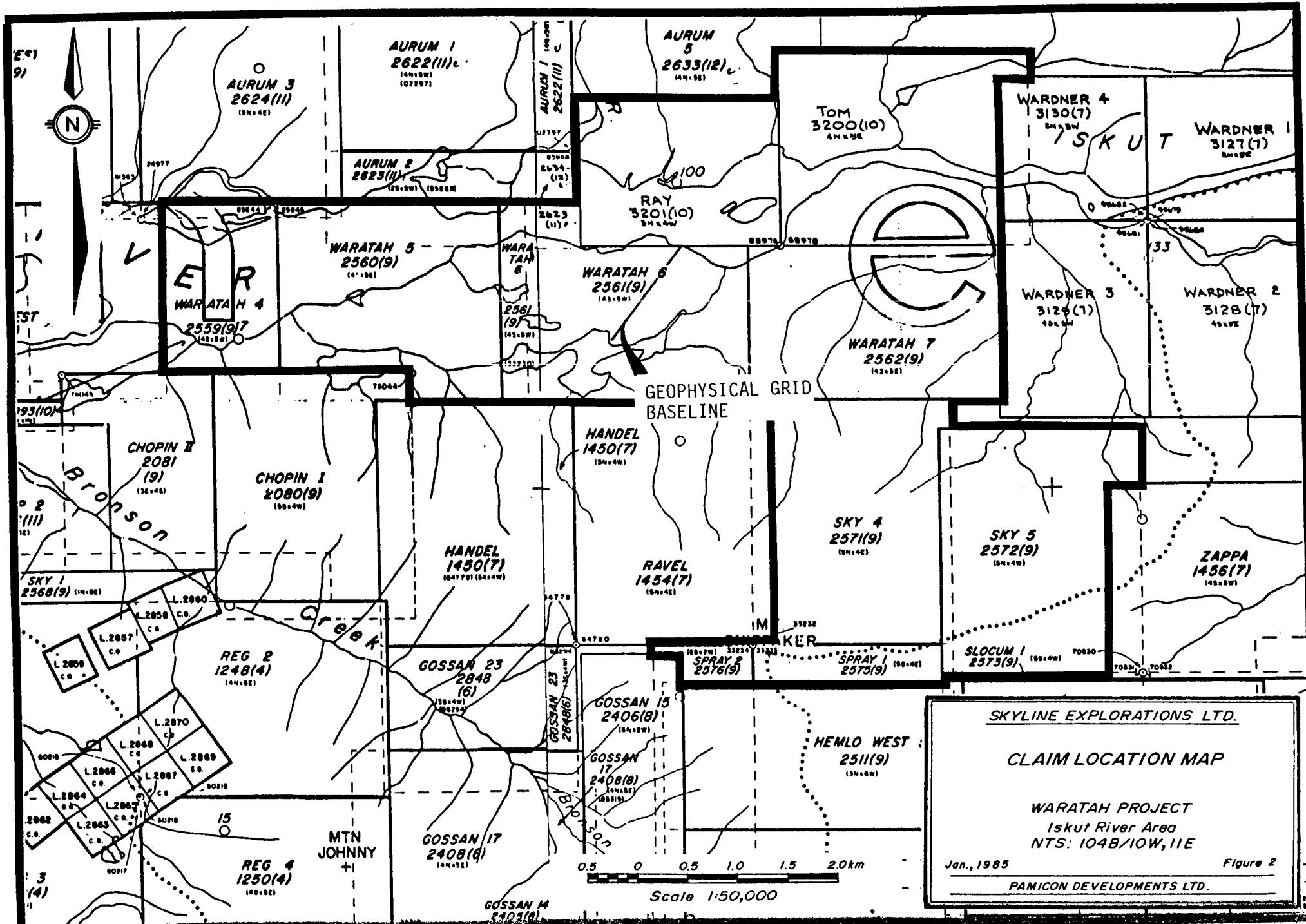
Access to the property is by helicopter from the Snippaker gravel air strip located some 17 km to the southeast.

GENERAL GEOLOGY AND PREVIOUS WORK

The general area is described in G.S.C. Memoir 246, 1948 by F.A. Kerr and in two later publications, Map 9, 1957 of the Stikine River area and Map 1418, 1979 of the Iskut River.

The government mapping shows the claims as underlain by Upper Triassic andesitic to basaltic tuff, breccia and agglomerate with associated conglomerate and greywacke. Minor amounts of pelitic sediments, quartzites and limestones, have also been mapped. These units are suggested as time correlative to the Stikine and King Salmon assemblages to the north and east, or to the Unuk River Formation of the Stewart Complex situated to the southeast.

Three gold bearing mineral zones have been discovered and are known as the Lake, Bluff and River showings. These have been described in detail in a Summary Report on the Waratah Project by D.A. Caulfield and C.K. Ikona, P.Eng., dated January 7, 1985.



VECTOR PULSE ELECTROMAGNETOMETER SURVEY

The Crone pulse magnetometer system is a time domain E.M. system which can be used in the standard horizontal loop mode, fixed source mode or in a downhole mode.

The primary field for the standard horizontal loop method is produced by a portable transmitter loop of 6, 10 or 50 metres diameter. A depth of search of approximately 75% if separation is obtainable due to the high sensitivity of the receiver system. As measurements of the time derivative of the secondary field occur during primary field off time the method is relatively free from geometrical restrictions. Interpretation is accomplished with the aid of Slingram horizontal loop curves.

The primary field for the 2000 watt fixed source system is provided by a 500 by 1000 metre transmitter loop. A 150 by 150 metre loop is utilized with the 500 watt system. The time derivative of the secondary field resulting from the presence of a conductor is sampled at eight windows on the decay curve, during primary field off time. These eight channels of secondary field information are equivalent to a wide spectrum of frequencies from approximately 2 KHz to 16 Hz thus allowing conductor character and strength determination. The vertical and horizontal components are obtained at each station on the traverse, using the convention of vertical component positive upwards and horizontal component positive away from the transmitter loop. In areas of high surficial conductivity the primary field on time of 10.8 ms, and the receiver delay times may be doubled in order to obtain late time information. Time synchronization between transmitter and receiver is by radio or cable link.

The apparent primary field information is recorded at each occupied station. Normalization of the data with respect to instrument gain produces a constant gain plot. In this format a vertical plate-like conductor anomaly would be symmetric. Normalization with respect to the apparent primary field at each station provides a constant primary field plot that is useful in recognizing conductors present in the far primary field and in correlating anomaly amplitudes from line to line. The anomalies lose symmetry in this format but the condition of anomaly amplitude dependence on distance from the loop is relaxed. In the case of stacked profiles on plan maps it is practical to use the advantages of both of these methods and plot a constant gain profile normalized to the apparent primary field at a station near the conductor axis. This facilitates the correlation of conductors from line to line at varying distance in coverage from several transmitter loops.

The vector focus method of data display is useful in some line source conductor conditions. A resultant vector can be obtained by the vector addition of the vertical and horizontal components of the primary field. A perpendicular to this resultant indicates the apparent eddy current position.

DISCUSSION OF RESULTS

The pulse magnetometer data is displayed in both constant gain and primary field normalized formats on Figures 3-46. The Fraser filtered vertical component is plotted for channels 2,4 and 6 on composite profile map, Figure 3. The survey was undertaken in very rugged topography and limited coverage was obtainable.

The coverage from Loop G shows a generally low overall amplitude background response. As well, very few conductor responses were observed in the data. The most clearly defined effect is a very shallow, low amplitude response near 250E on line 100N, Figures 7-10. The coverage of lines 200S and 300S show a very weak three channel effect near station 125W. This effect is likely due to a weakly conductive fault.

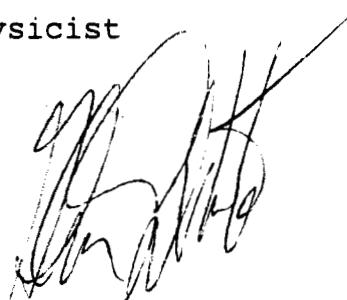
SUMMARY AND CONCLUSIONS

A brief pulse electromagnetometer survey was undertaken on the Waratah Grid on behalf of Skyline Explorations Ltd. This survey did not disclose the presence of deep seated or moderate conductors within the coverage area. The very weak, near surface features detected are likely sourced in a weakly conductive faults or poorly developed current gathering effects across geologic contacts.

Respectfully submitted,

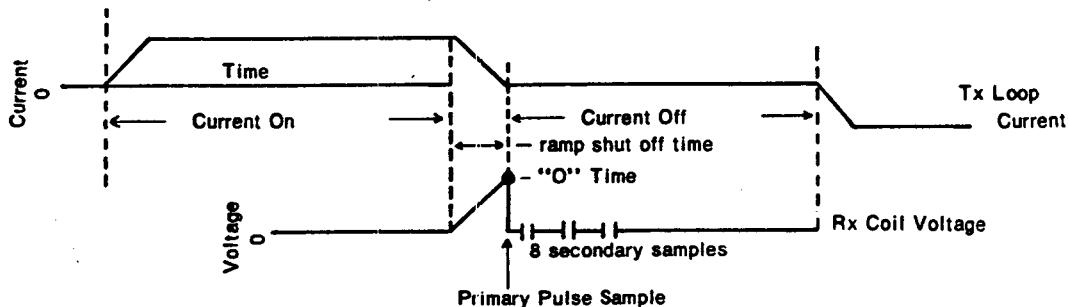


Cliff Candy, B.Sc.
Geophysicist



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

PEM SPECIFICATIONS



Current Off time: 9.4 ms

Current on time: 10.8 ms

Current shut off (ramp) time: 1.4 ms

Sample times (zero to centre of sample): .15ms, .45ms, .85ms, 1.45ms, 2.45ms, 3.75ms, 5.85ms, 8.85ms.

Sample width: 100 μ s

Zero time set at drop off point of primary pulse

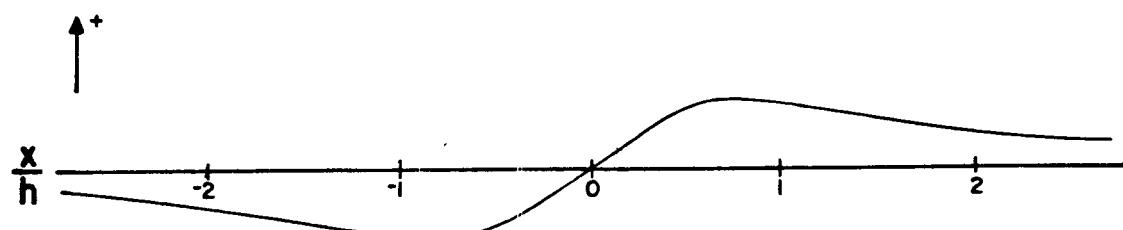
TRANSMITTER — Transmitter power and loop size may be increased to obtain increased penetration. Weight, portability and power capabilities of the control instrument are the limiting factors. The standard transmitter is designed to be carried by two men.

Loop diameter	— minimum 4 meters (13 feet)
Loop current	— 15 to 20 amps
Loop applied voltage	— 24 volts
Loop output	— minimum 4500 amps x meter ²
Loop weight	— 11.8 kilos (26 lb)
Control unit weight	— 10 kilos (22 lb)
Control unit dimensions	— 20.5cm x 25.5cm x 36.5cm (8" x 10" x 14.5")
Battery supply weight	— 18.1 kilos (40 lb)
Battery supply	— 2 of 12 volt, 14 to 20 ampere hour
Timing control by radio synchronization	

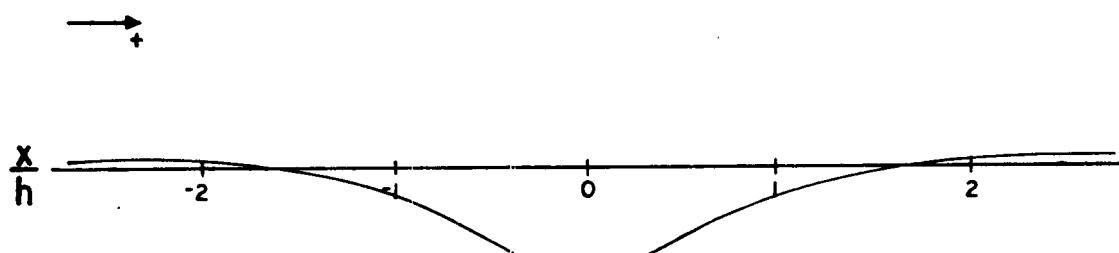
RECEIVER

- Receive coil dimensions: 55cm x 15cm (22" x 6")
- Receive coil weight: 4.5 kilos (10 lb)
- Preamplifier in coil
- Preamplifier batteries: 2 of 9 volt
- Receive coil tripod mounted
- Receiver measuring instrument dimensions: 28cm x 18cm x 21.5cm (11" x 7" x 9")
- Receiver measuring instrument weight: 6.3 kilos (14 lb)
- Timing control by radio synchronization
- Primary sample width: 100 μ s
- Primary sample can be swept through primary pulse by means of a time calibrated pot
- Zero time set at primary pulse drop-off
- Secondary samples (eight of them) width: 100 μ s
- Secondary samples time (zero to middle of sample): (1) .15ms (2) .45ms
(3) .85ms (4) 1.45ms (5) 2.45ms (6) 3.75ms (7) 5.85ms (8) 8.85ms
- Automatic sampling for 5 seconds then all samples automatically stored
- Sample read out by means of meter
- Continuous sampling possible by switching function switch to "Continuous"
- Noise can be monitored by switching function switch to "Noise"
- Battery supply: 24 volt rechargeable, 2 of 12 volt Gel GC 12-15

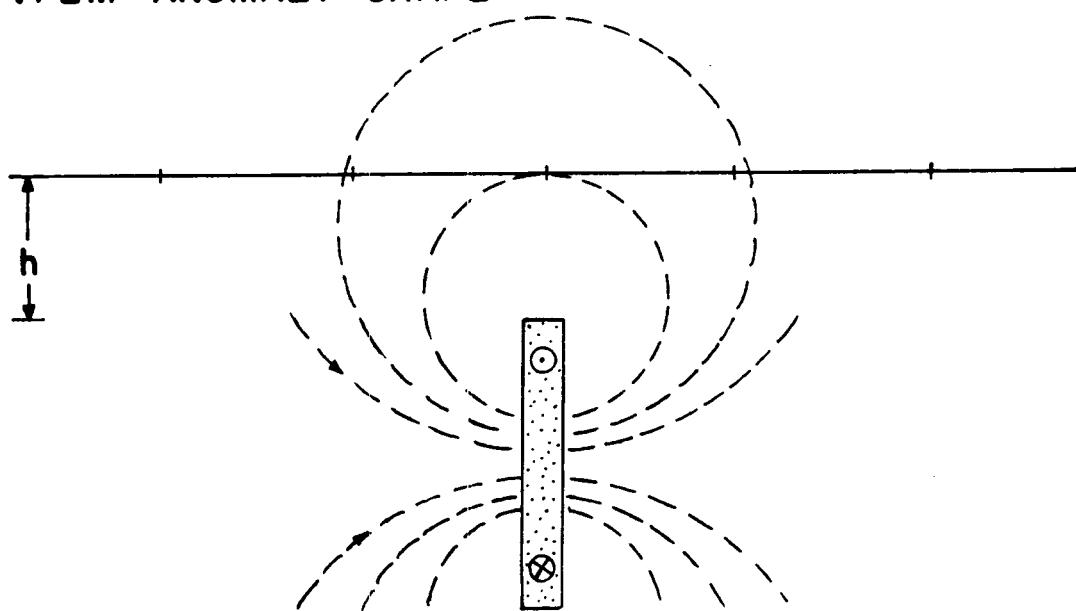
VERTICAL COMPONENT



HORIZONTAL COMPONENT

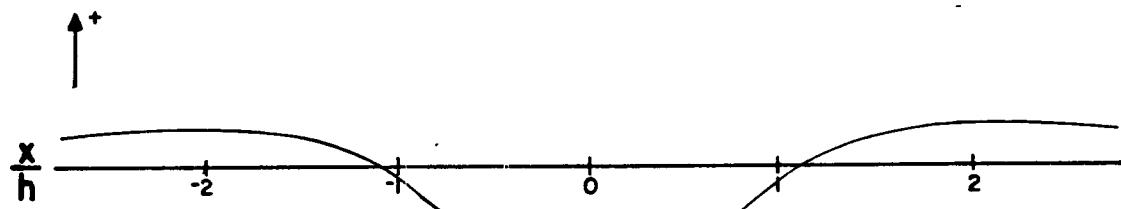


VPEM ANOMALY SHAPE

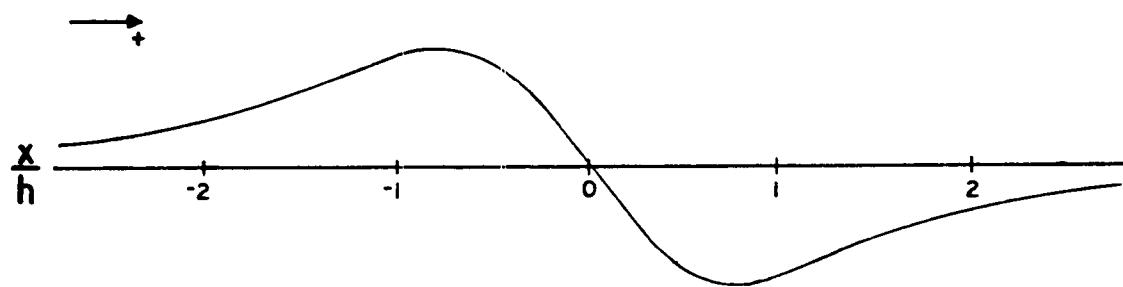


STEEPLY DIPPING TABULAR BODY

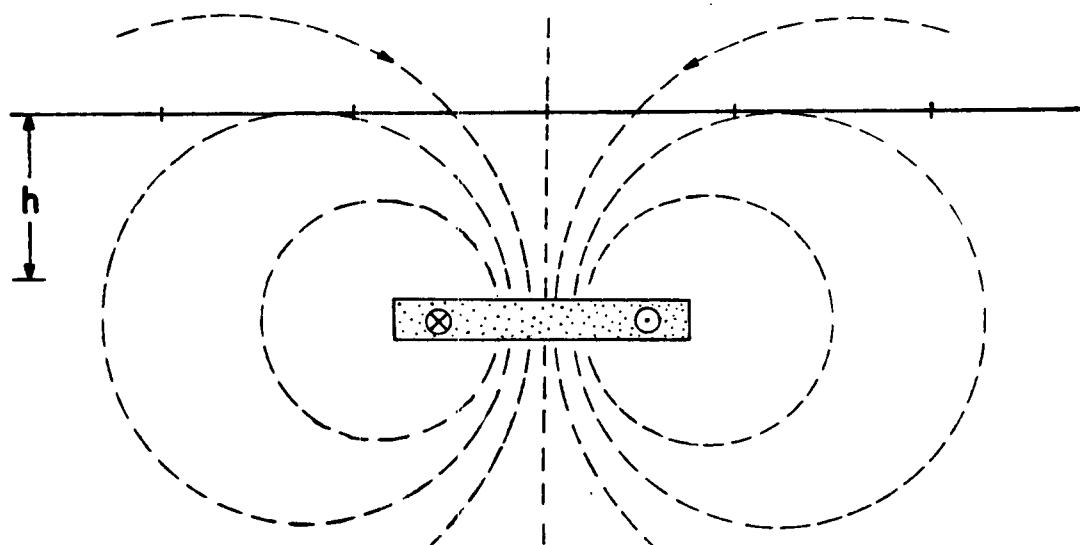
VERTICAL COMPONENT



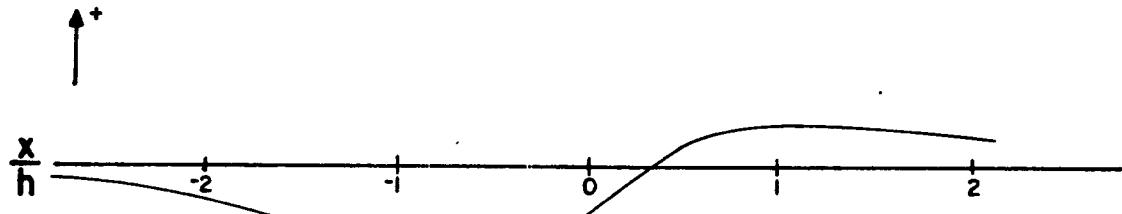
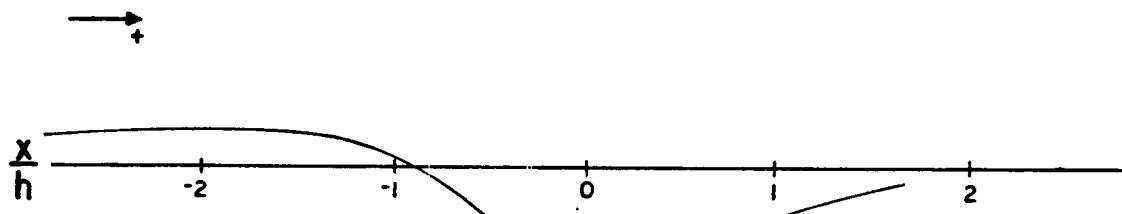
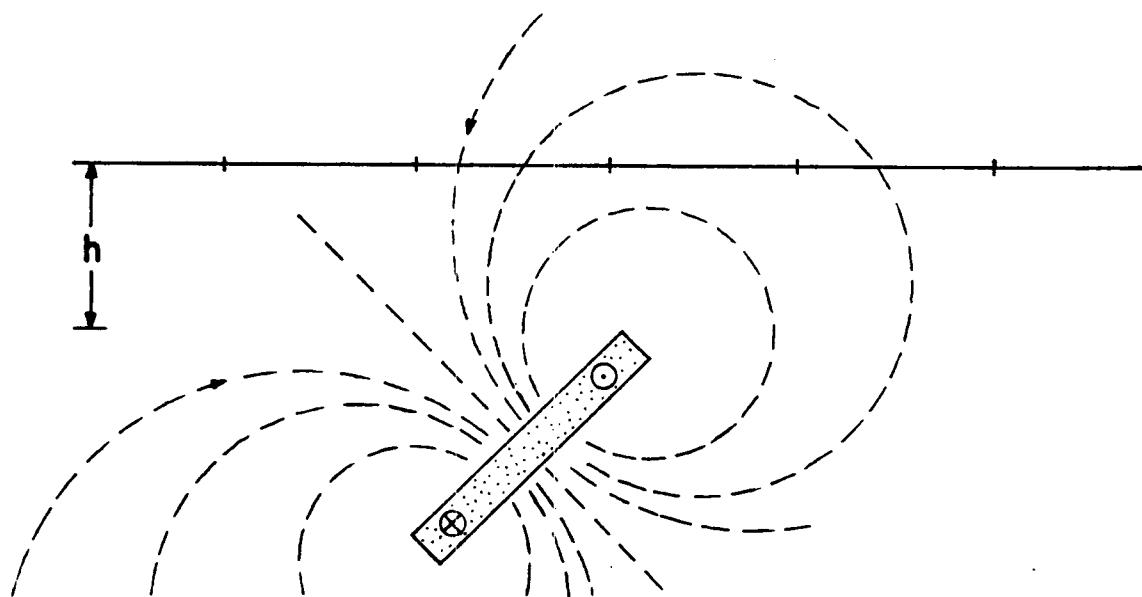
HORIZONTAL COMPONENT



VPEM ANOMALY SHAPE



FLAT LYING TABULAR BODY

VERTICAL COMPONENT**HORIZONTAL COMPONENT****VPEM ANOMALY SHAPE****INCLINED TABULAR BODY**

COST BREAKDOWN

Personnel

B. Robertson - July 6, 11-13
 3 days @ 265/day \$ 795.00

D. Hrynyk - July 6, 11-13
 3 days @ 265/day 795.00

Support Charges

Instrument Lease - 3 days @ 275/day 825.00

Data Processing, Drafting,
 Interpretation and Report Compilation 525.00

Total \$2,940.00

SKYLINE EXPENSES

Personnel

Sandy Kovacs - 4 Days @ \$115.00 = \$460.00

Paul Carter - 4 Days @ \$115.00 = 460.00

Tom Bell - 8 Days @ \$172.50 = 1380.00

Mike Bestwick 8 Days @ \$115.00 = 920.00

Support Charges

Room & Board
 30 man days @ \$50.00/per man day 1500.00

Helicopter Charges
 Invoice # 29819,29821,29823 -
 29827,29829,29830 - 29832 = 8051.05

Total Skyline Expenses \$12,771.05

TOTAL OVERALL EXPENSES \$15,711.05

STATEMENT OF QUALIFICATIONS

NAME: Candy, Clifford E.

PROFESSION: Geophysicist

EDUCATION: University of British Columbia
B.Sc., Geophysics

PROFESSIONAL
ASSOCIATIONS: Society of Exploration Geophysicists
British Columbia Geophysical Society.

EXPERIENCE: Eight years Geophysicist with White
Geophysical Inc., with work in British
Columbia, Quebec, Saskatchewan, South-
western U.S.A. and Ireland.

STATEMENT OF QUALIFICATIONS

NAME: White, Glen E., P.Eng.

PROFESSION: Geophysicist

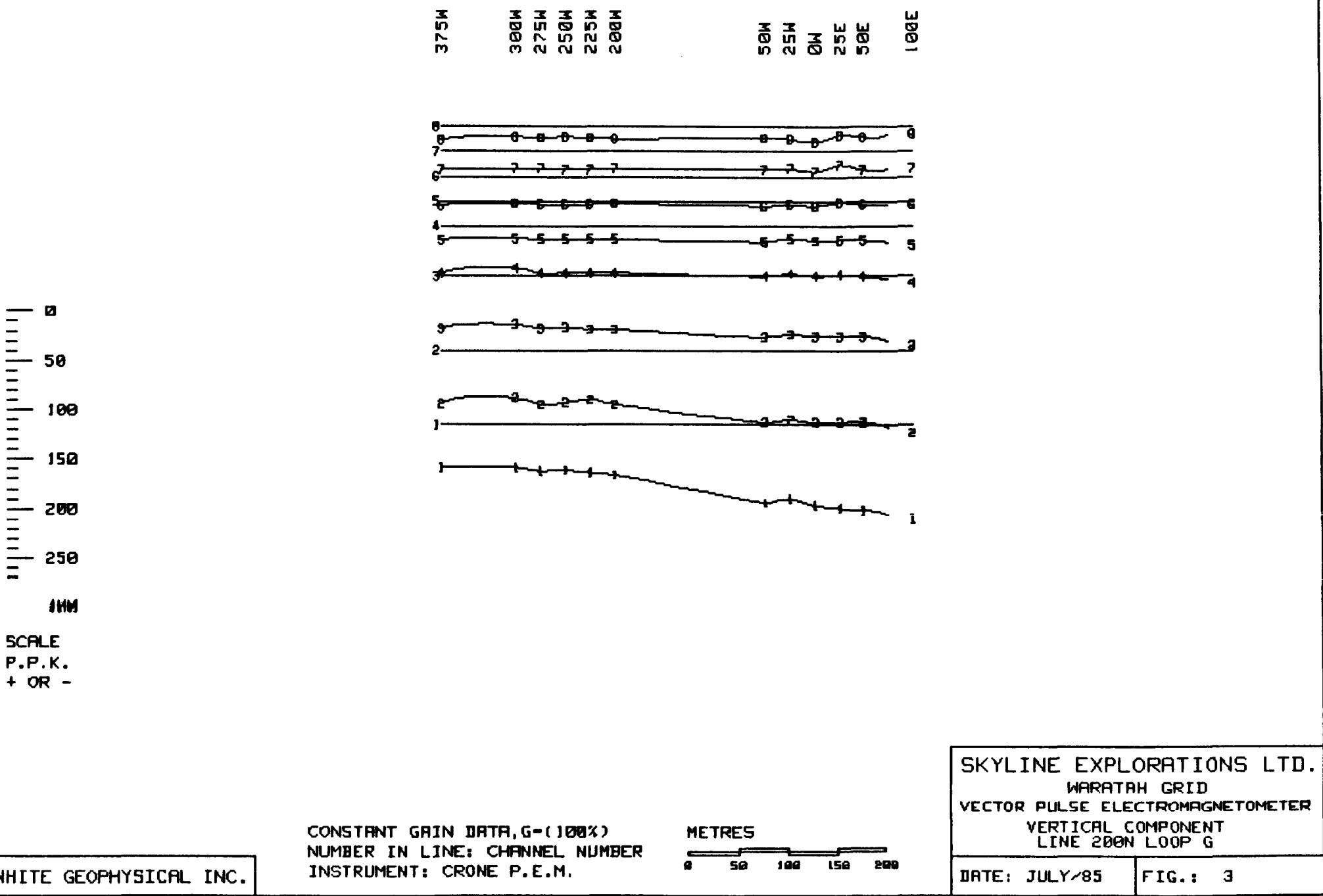
EDUCATION: B.Sc. Geophysicist - Geology
University of British Columbia

PROFESSIONAL ASSOCIATIONS: Registered Professional Engineer,
Province of British Columbia.

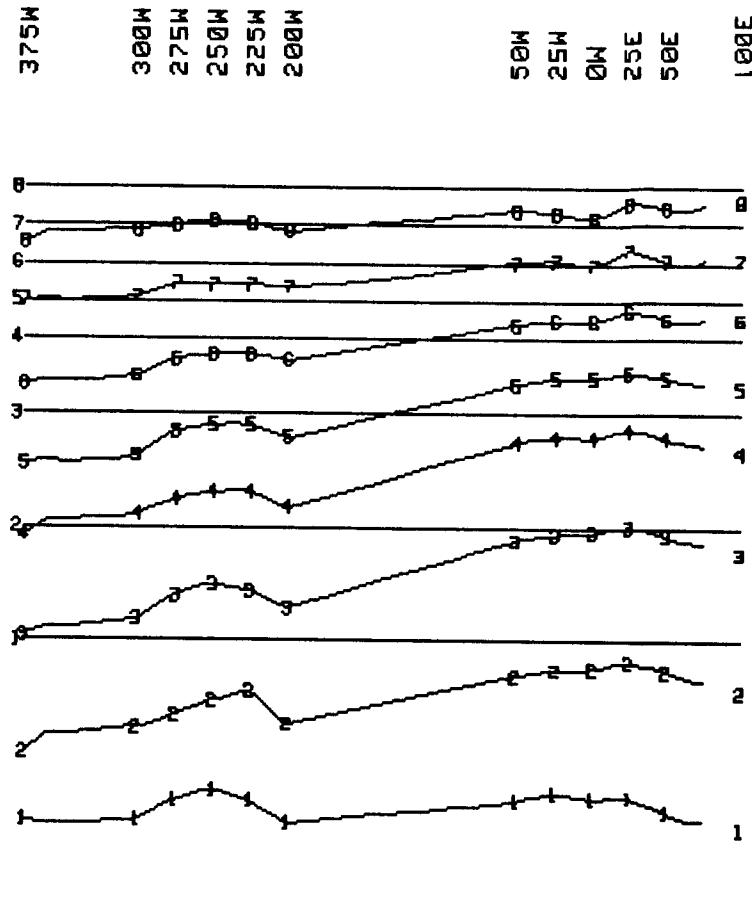
Associate Member of Society of Exploration
Geophysicists.

Past President of B.C. Society of Mining
Geophysicists.

EXPERIENCE: - Pre-Graduate experience in Geology -
Geochemistry - Geophysics with Anaconda
American Brass.
- Two years Mining Geophysicist with Sulmac
Exploration Ltd. and Airborne Geophysics
with Spartan Air Services Ltd.
- One year Mining Geophysicist and Technical
Sales Manager in the Pacific north-west for
W.P. McGill and Associates.
- Two years Mining Geophysicist and
supervisor airborne and ground geophysical
divisions with Geo-X Surveys Ltd.
- Two years Chief Geophysicist Tri-Con
Exploration Surveys Ltd.
- Fourteen years Consulting Geophysicist.
- Active experience in all Geologic provinces
of Canada.



VECTOR PULSE ELECTROMAGNETOMETER COMPONENT PROFILES



SCALE
P.P.K.
+ OR -

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

METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

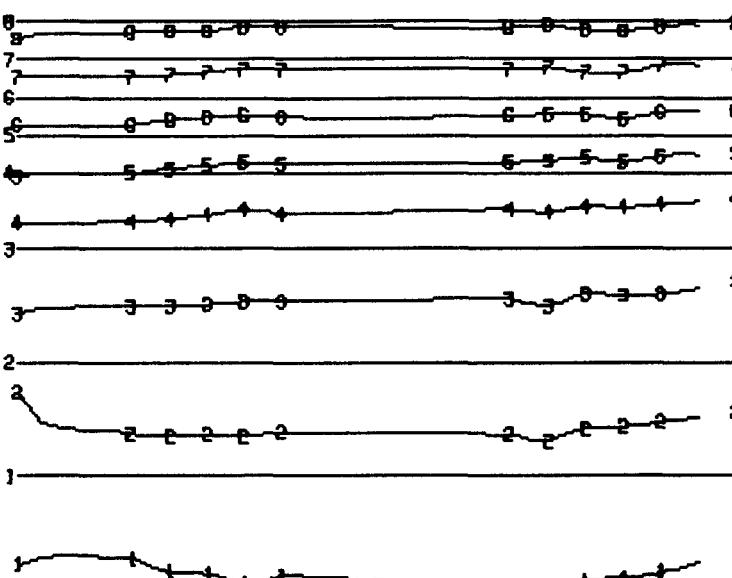
SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200N LOOP G

DATE: JULY/85 FIG.: 5

375W

300W
275W
250W
225W
200W50W
25W
0W
25E
50E

100E



SCALE
P.P.K.
+ OR -

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

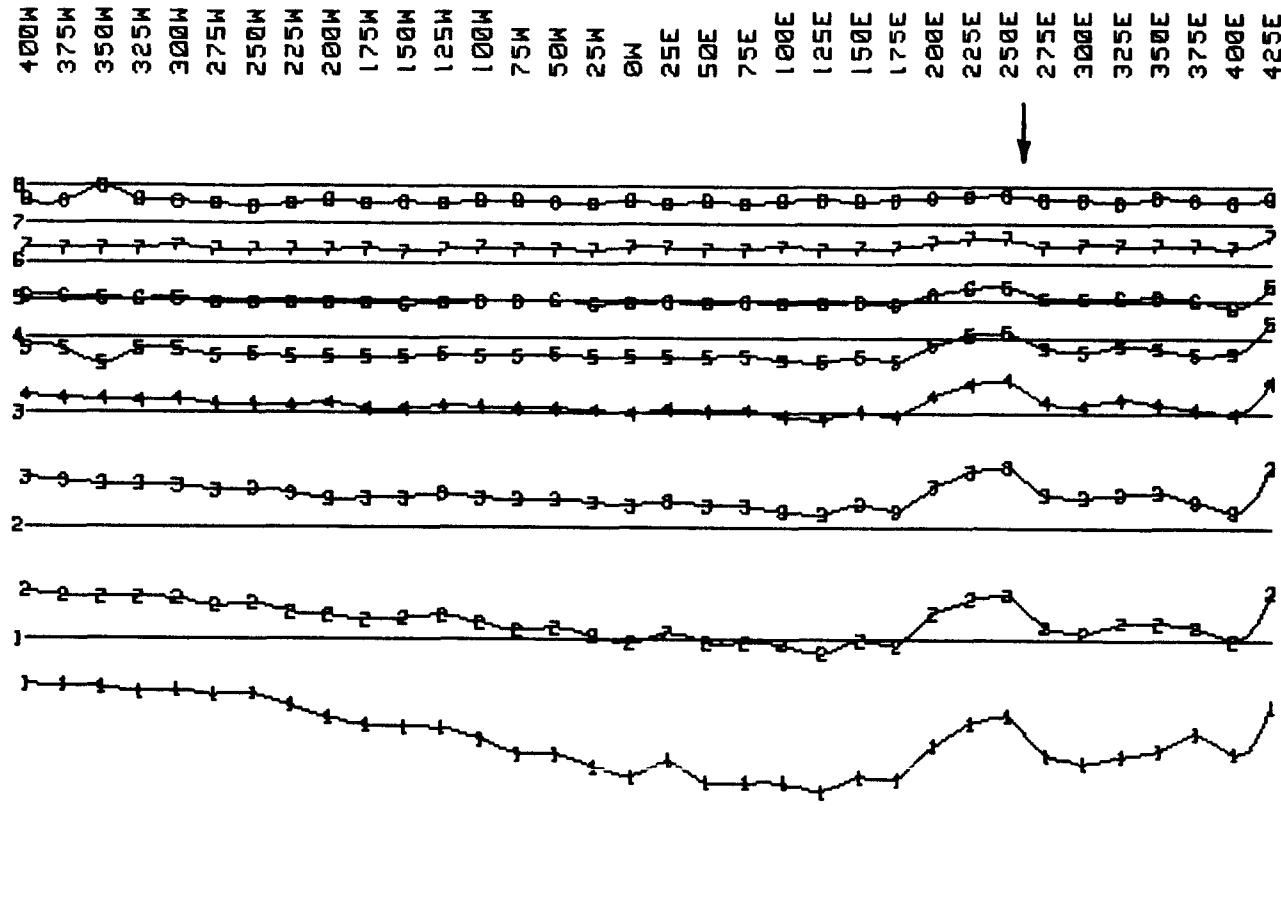
METRES

0 50 100 150 200

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200N LOOP G

DATE: JULY/85 FIG.: 4

WHITE GEOPHYSICAL INC.



SCALE
P.P.K.
+ OR -

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

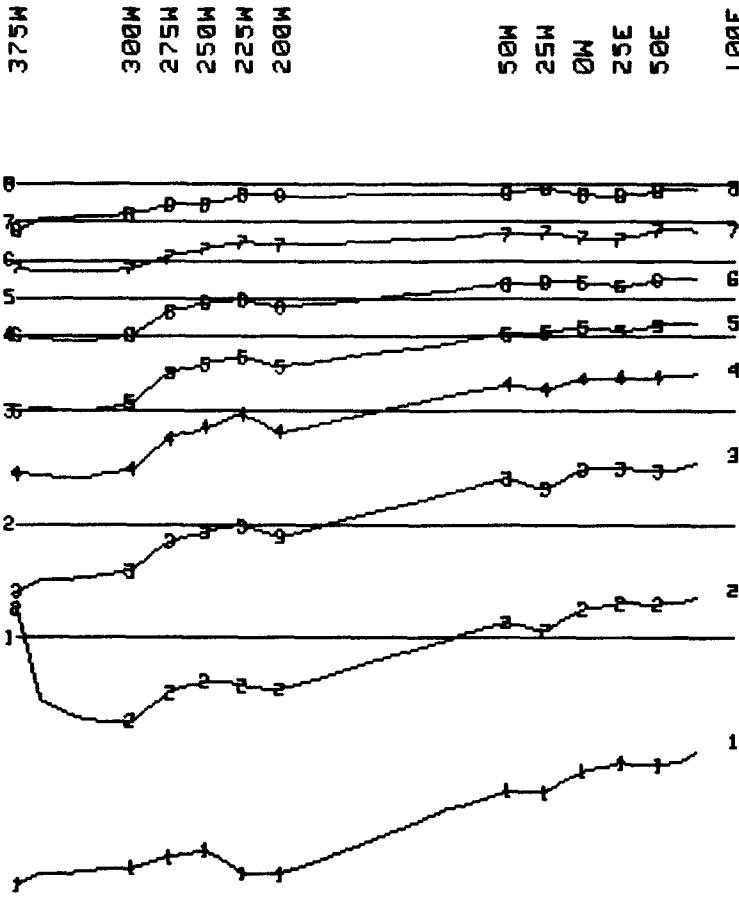
METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100N LOOP G

DATE: JULY/85

FIG.: 7



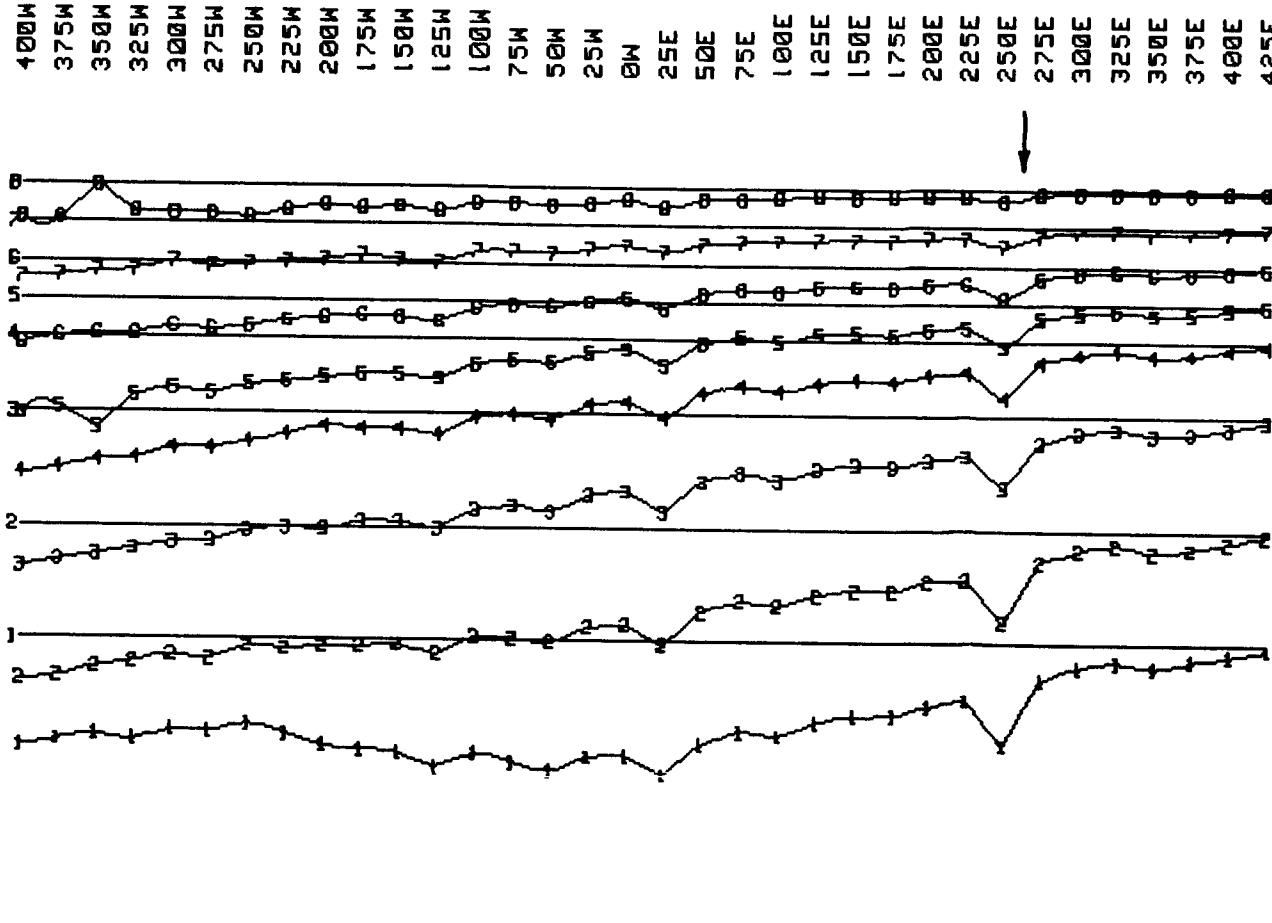
SCALE
P.P.K.
+ OR -

WHITE GEOPHYSICAL INC.

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

METRES
0 50 100 150 200

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 200N LOOP G	
DATE: JULY/85	FIG.: 6



SCALE
P.P.K.
+ OR -

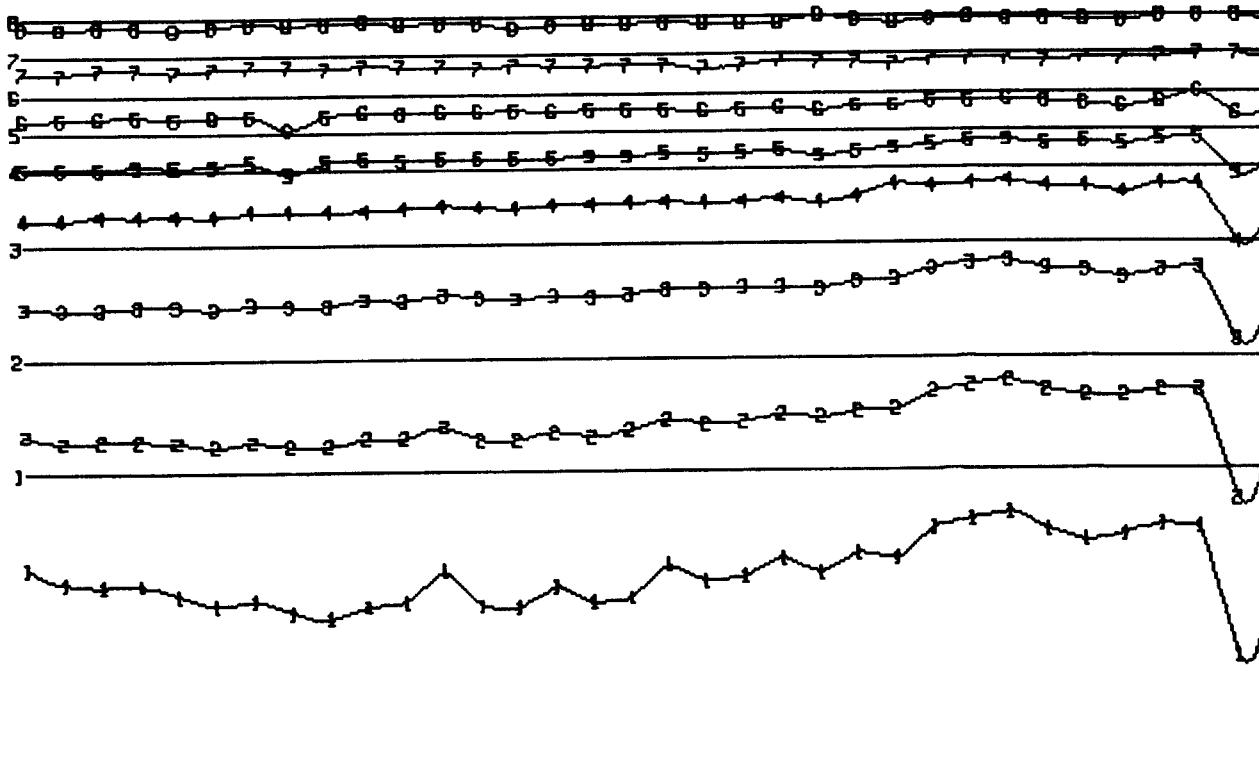
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100N LOOP G

DATE: JULY/85 FIG.: 9

400W 375W 350W 325W 300W 275W 250W 225W 200W 175W 150W 125W 100W 75W 50W 25E 0N 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E 425E



SCALE
P.P.K.
+ OR -

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

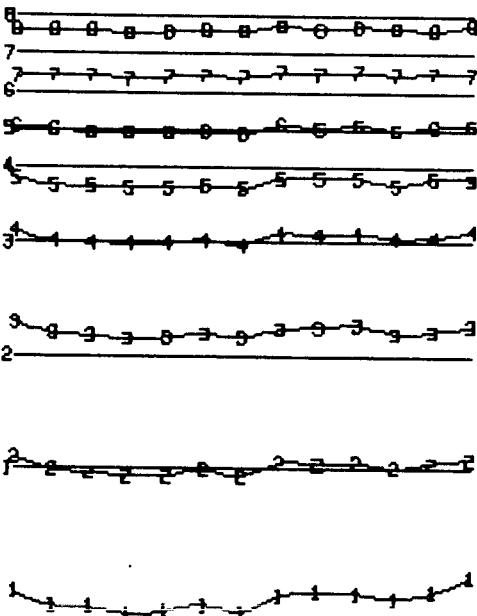
METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 100N LOOP G	
DATE: JULY/85	FIG.: 8

0N 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E

LOOP G



SCALE
P.P.K.
+ OR -

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

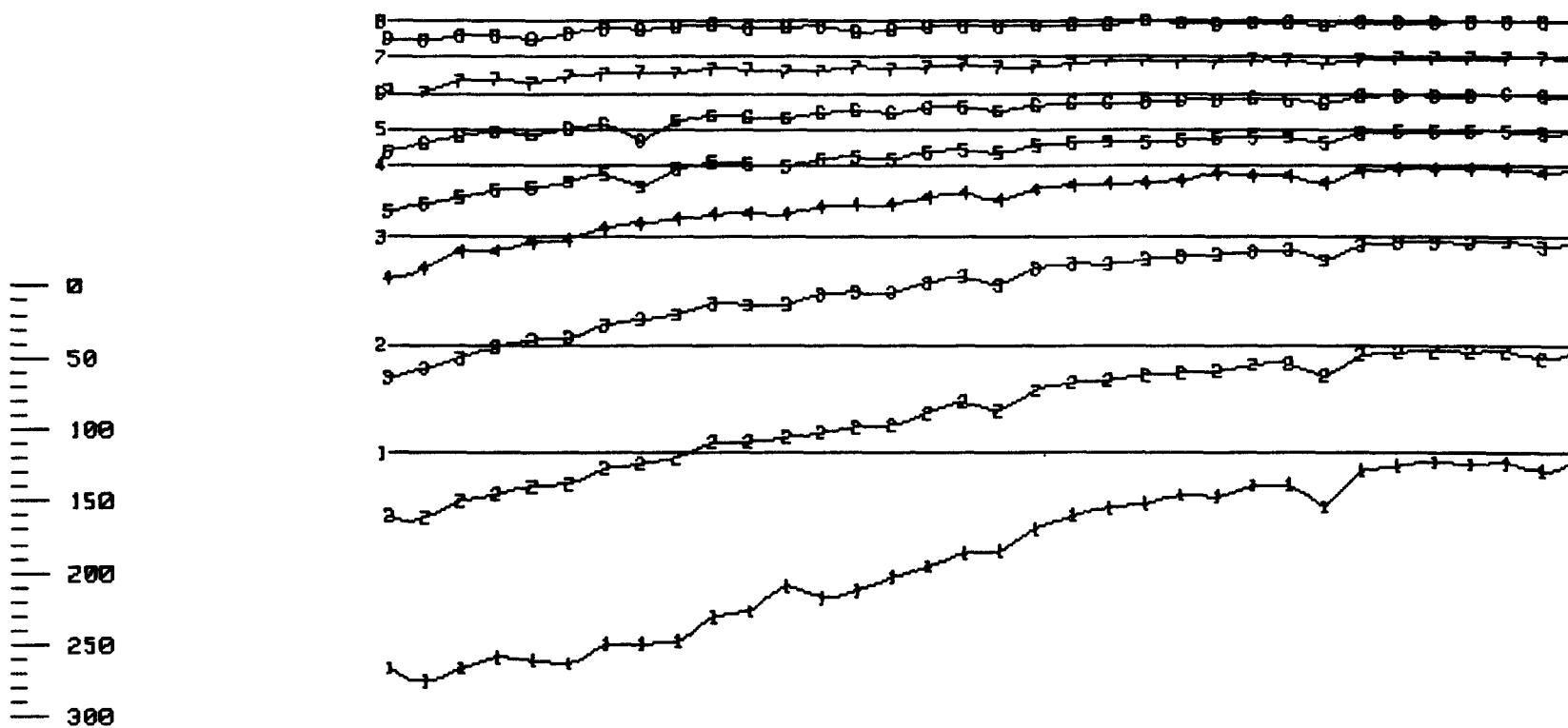
METRES
0 50 100 150 200

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00N LOOP G

DATE: JULY/85 FIG.: 11

WHITE GEOPHYSICAL INC.

400W 375W 350W 325W 300W 275W 250W 225W 200W 175W 150W 125W 100W 75W 50W 25W 0W 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E 425E



SCALE
P.P.K.
+ OR -

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

METRES
0 50 100 150 200

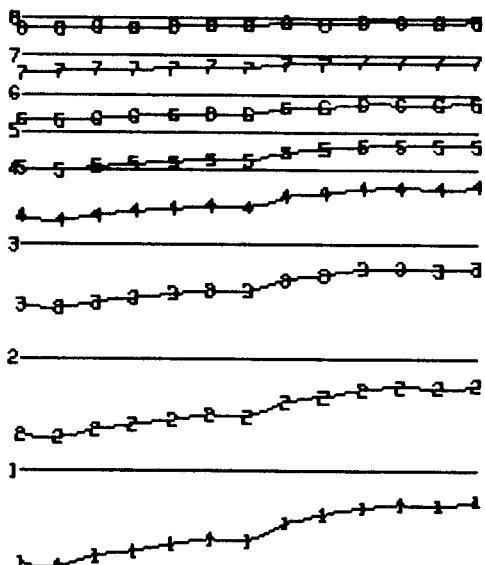
WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATRAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 100N LOOP G	
DATE: JULY/85	FIG.: 10

DATE: JULY/85 FIG.: 10

0N 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E

LOOP G



SCALE
P.P.K.
+ OR -

WHITE GEOPHYSICAL INC.

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

METRES

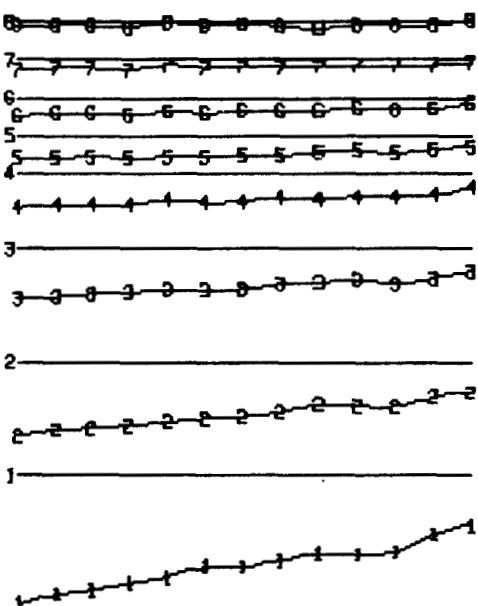
0 50 100 150 200

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00N LOOP G

DATE: JULY/85 FIG.: 13

0N 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E

LOOP G



SCALE
P.P.K.
+ OR -
0
50
100
150
200
250
300

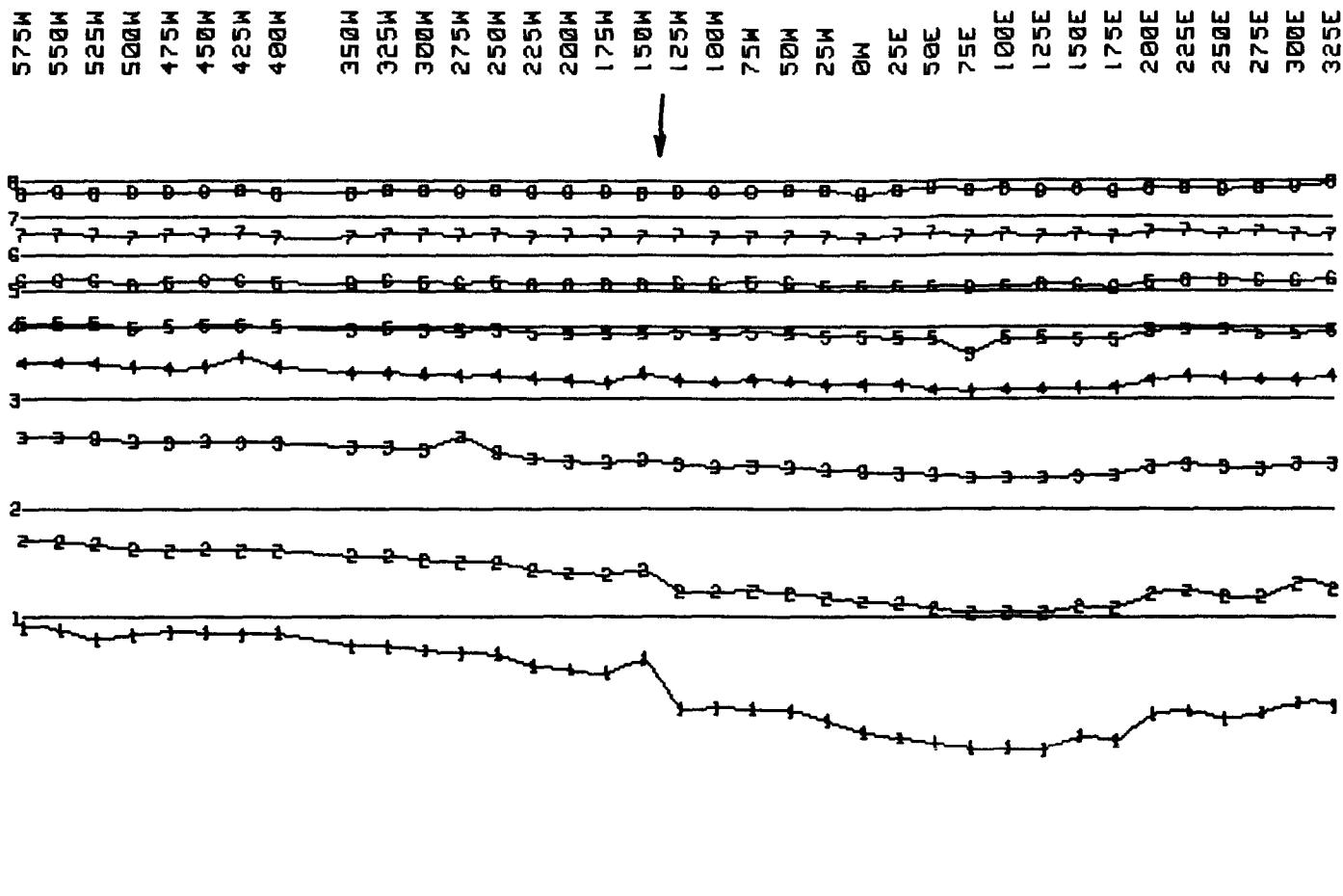
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 0N LOOP G

DATE: JULY/85 FIG.: 12

WHITE GEOPHYSICAL INC.



SCALE
P.P.K.
+ OR -

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

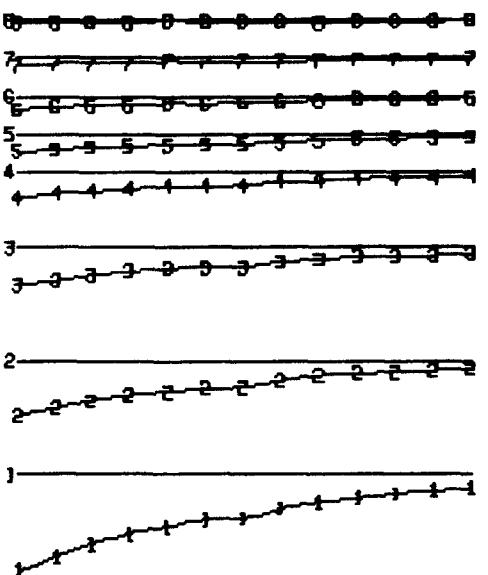
METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATRAH GRID VECTOR PULSE ELECTROMAGNETOMETER VERTICAL COMPONENT LINE 200S LOOP G	
DATE: JULY/85	FIG.: 15

SW 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E

LOOP G



SCALE
P.P.K.
+ OR -

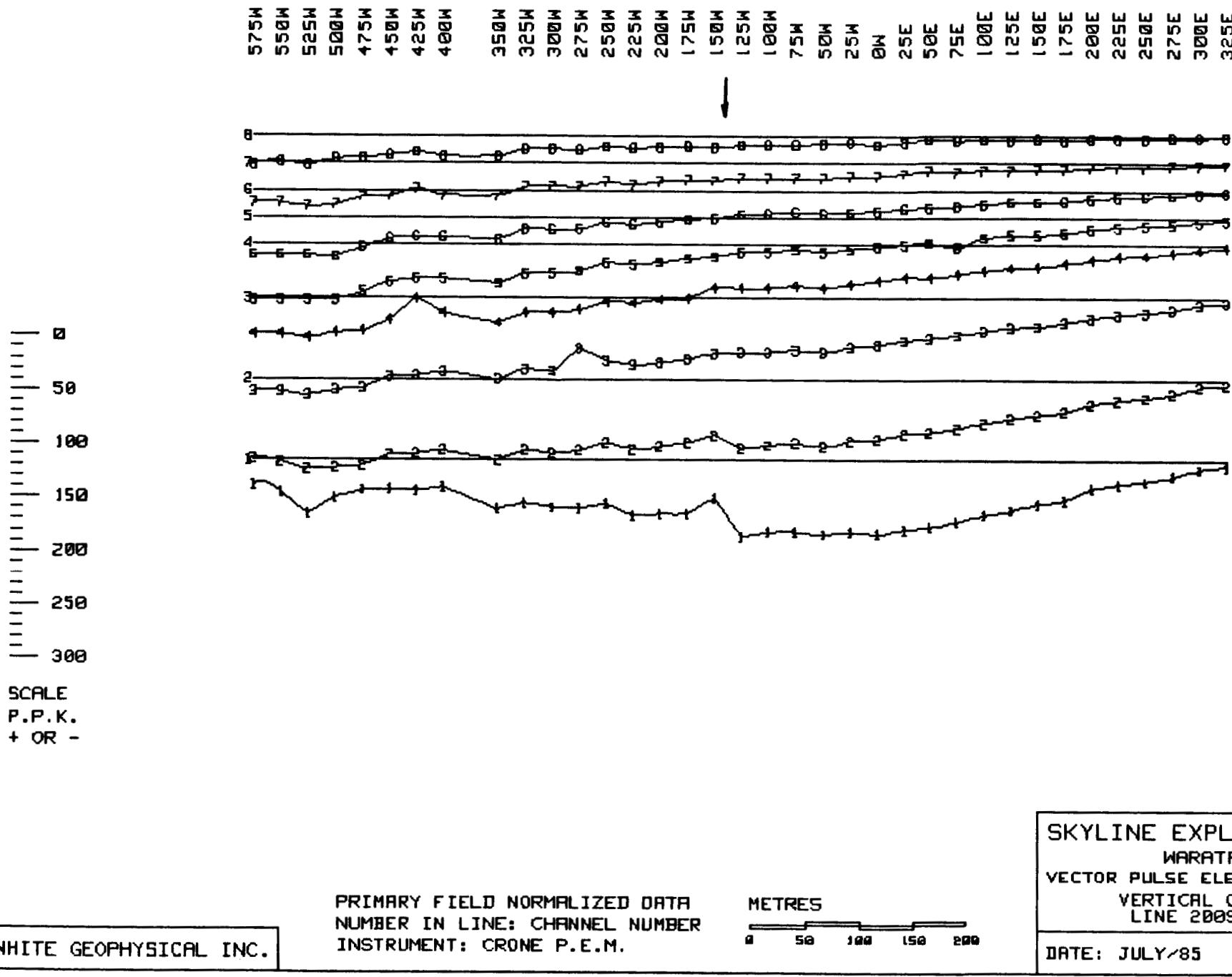
WHITE GEOPHYSICAL INC.

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

METRES
0 50 100 150 200

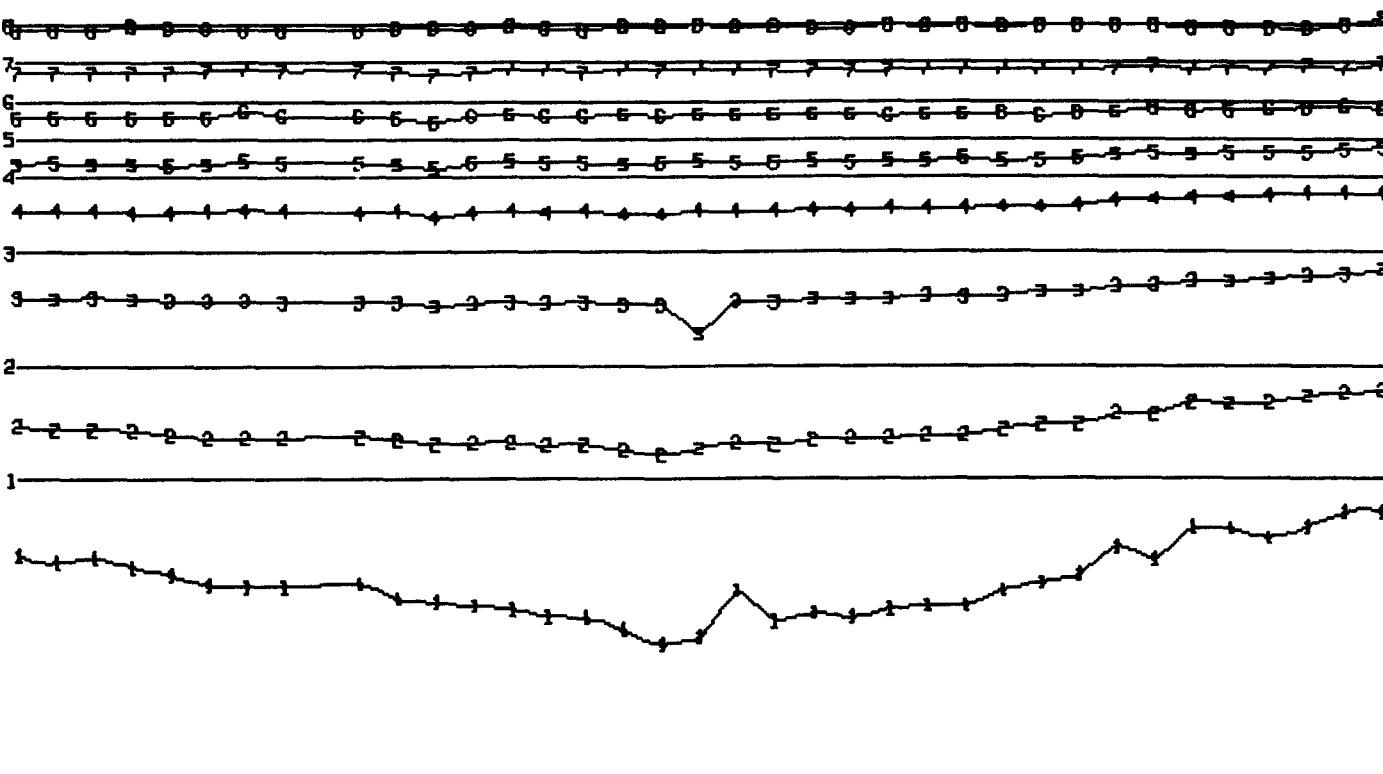
SKYLINE EXPLORATIONS LTD.
WARATRAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00N LOOP G

DATE: JULY/85 FIG.: 14



SKYLINE EXPLORATIONS LTD.	
WARATAH GRID	
VECTOR PULSE ELECTROMAGNETOMETER	
VERTICAL COMPONENT	
LINE 200S LOOP G	
DATE: JULY/85	FIG.: 17

575W
550W
525W
500W
475W
450W
425W
400W
350E
325E
300E
275E
250E
225E
200E
175E
150E
125E
100E
75W
50W
25E
0W
25E
50E
75E
100E
125E
150E
175E
200E
225E
250E
275E
300E
325E



SCALE
P.P.K.
+ OR -

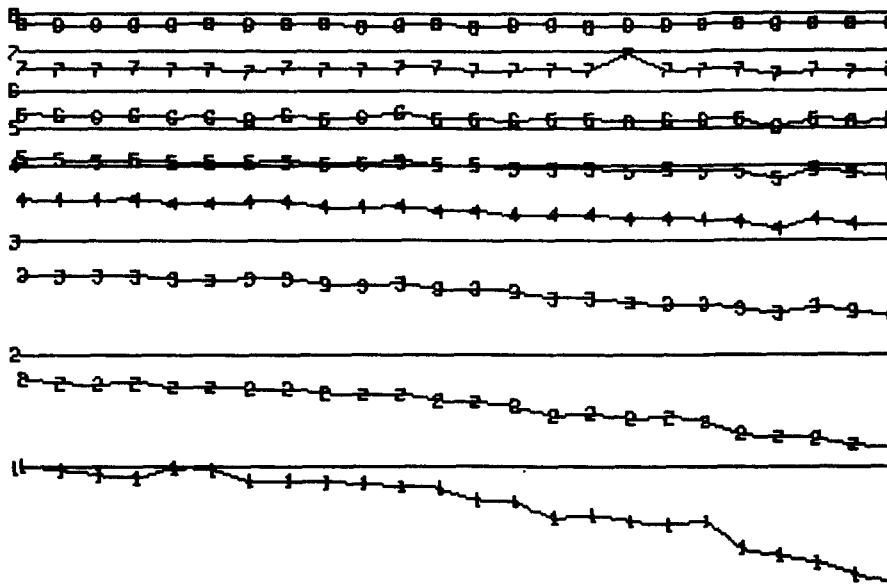
CONSTANT GRIN DATA, G-(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

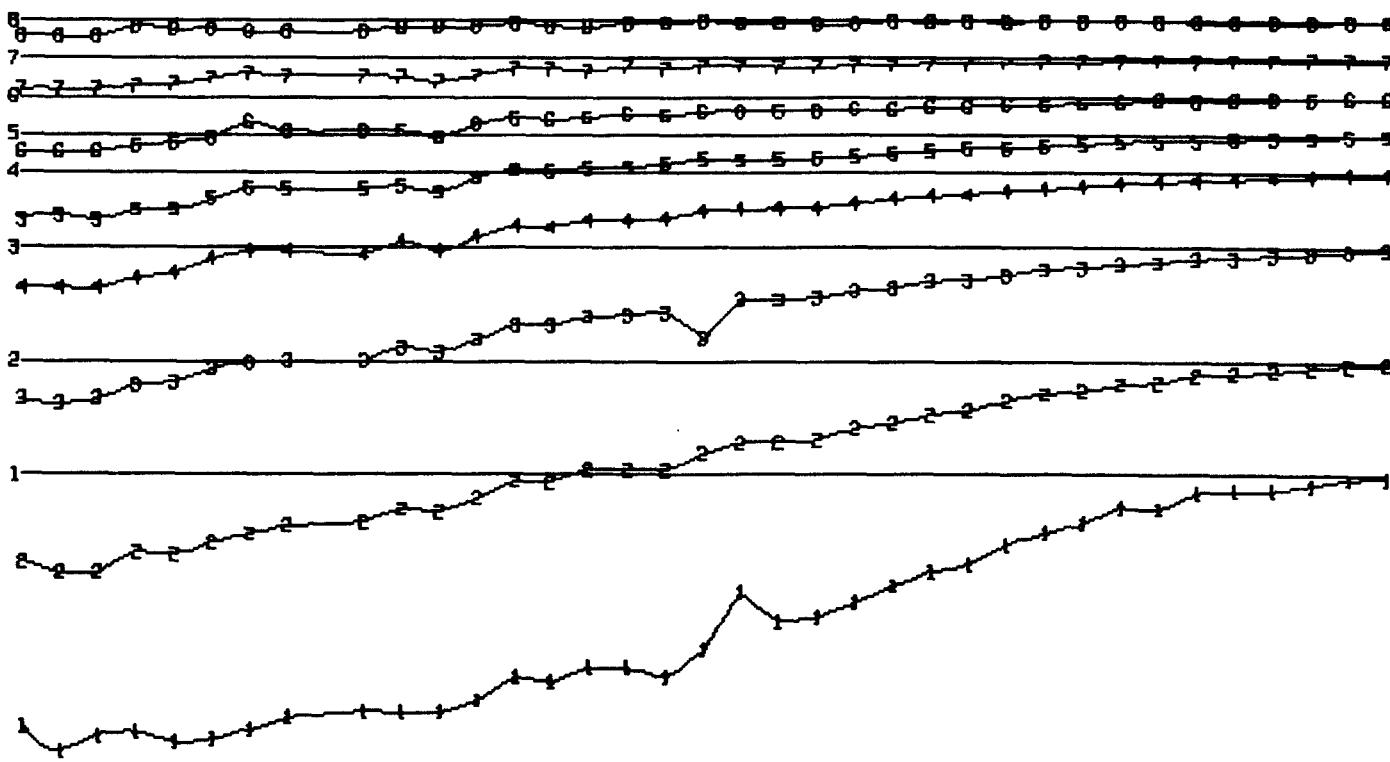
WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATRAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 200S LOOP G	
DATE: JULY/85	FIG.: 16

575W
550W
525W
500W
475W
450W
425W
400W
375W
350W
325W
300W
275W
250W
225W
200W
175W
150W
125W
100W
75W
50W
25W
0W



575H
550H
525H
500H
475H
450H
425H
400H 350H
325H
300H
275H
250H
225H
200H
175H
150H
125H
100H
75H
50H
25H
0H
25E
50E
75E
100E
125E
150E
175E
200E
225E
250E
275E
300E
325E



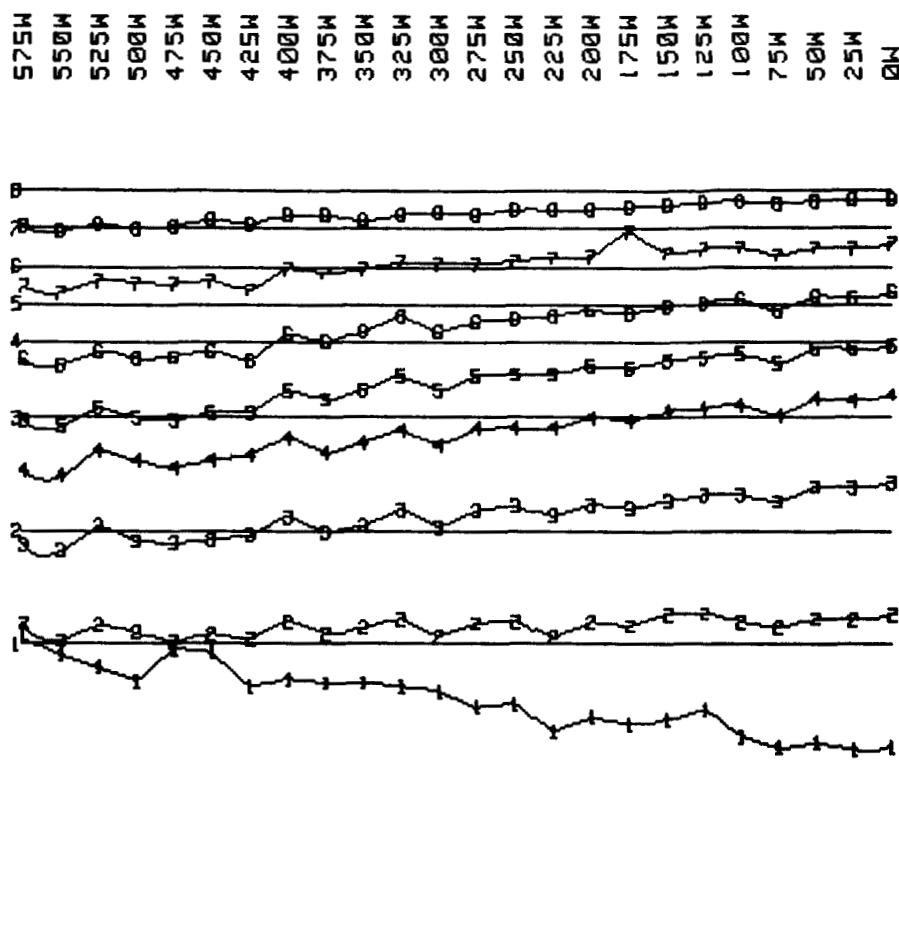
SCALE
P.P.K.
+ OR -

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

METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATHA GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 200S LOOP G	
DATE: JULY/85	FIG.: 18



SCALE
P.P.K.
+ OR -

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

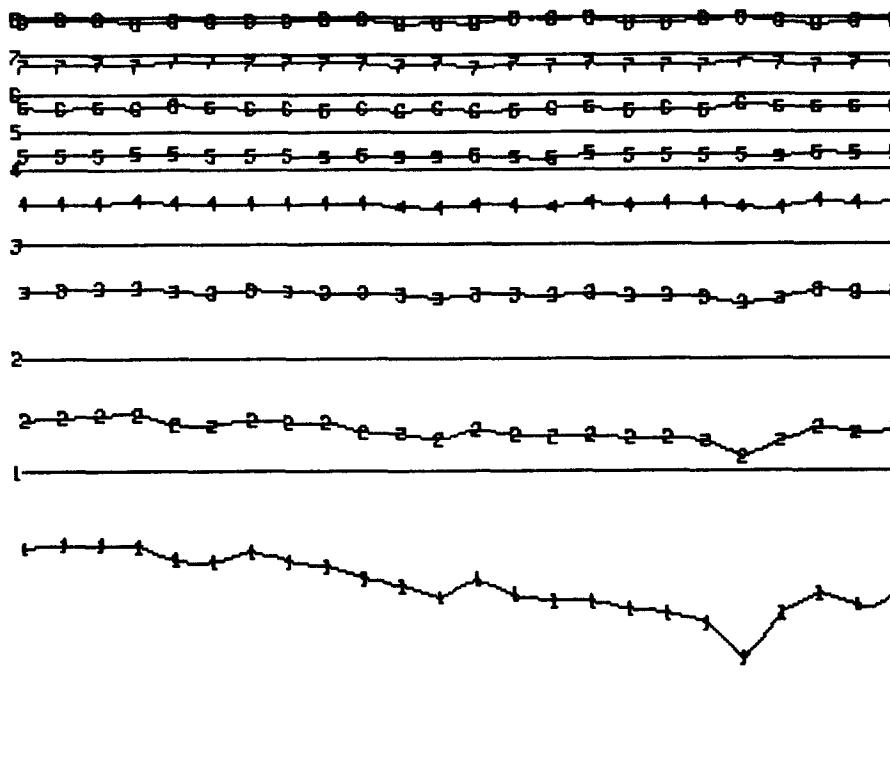
METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.	
WARATAH GRID	
VECTOR PULSE ELECTROMAGNETOMETER	
VERTICAL COMPONENT	
LINE 300S LOOP G	

DATE: JULY/85	FIG.: 21
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575M 550M 525M 500M 475M 450M 425M 400M 375M 350M 325M 300M 275M 250M 225M 200M 175M 150M 125M 100M 75M 50M 25M 0M



SCALE
P.P.K.
+ OR -

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

METRES

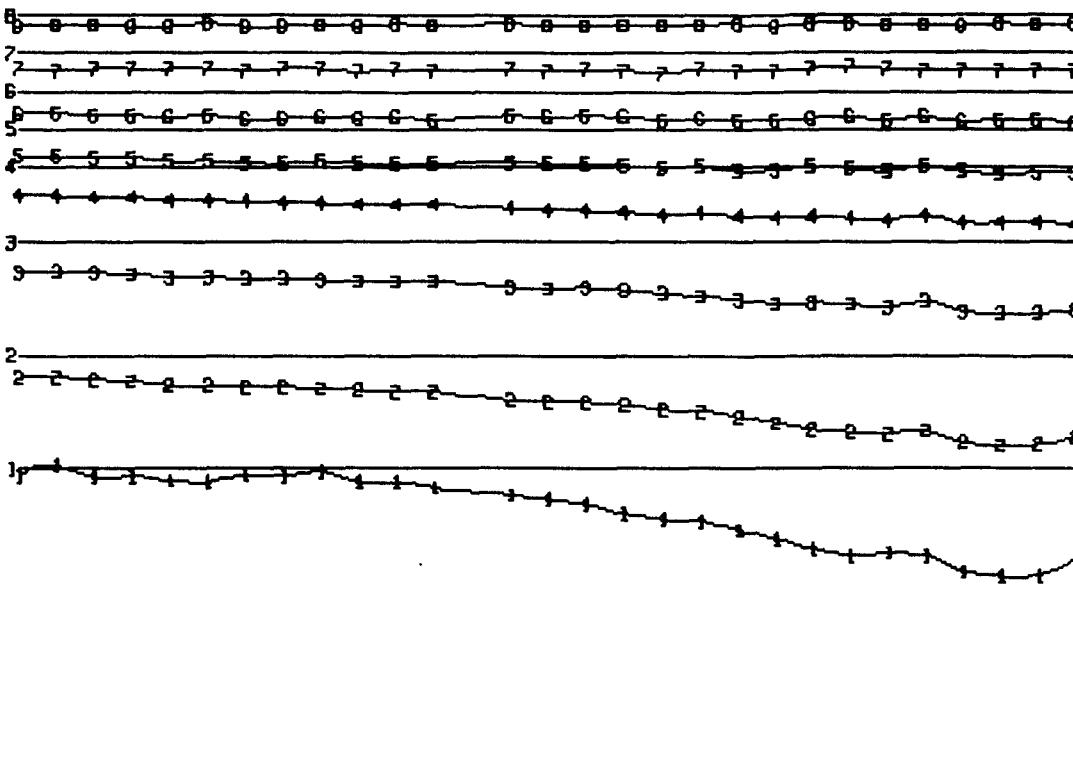
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 300S LOOP G	
DATE: JULY/85	FIG.: 20

DATE: JULY/85 FIG.: 20

600W 575W 550W 525W 500W 475W 450W 425W 400W 375W 350W 325W 275W 250W 225W 200W 175W 150W 125W 100W 75W 50W 25W 0W 25E 50E 75E 100E



SCALE
P.P.K.
+ OR -

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

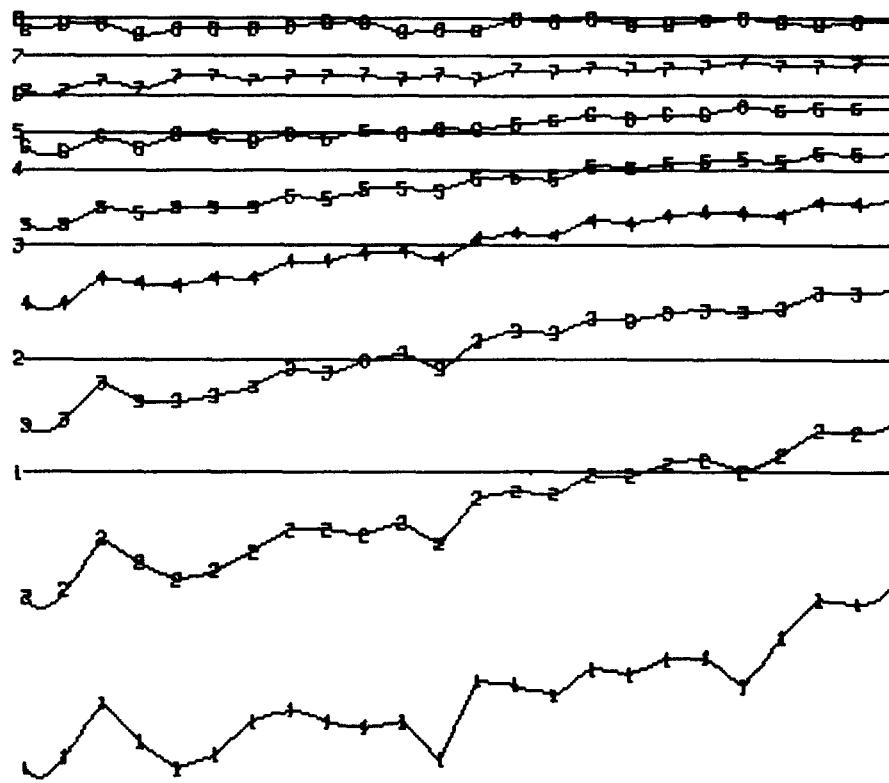
METRES

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.	
WARATAH GRID	
VECTOR PULSE ELECTROMAGNETOMETER	
VERTICAL COMPONENT	
LINE 400S LOOP G	

DATE: JULY/85 FIG.: 23

575W
550W
525W
500W
475W
450W
425W
400W
375W
350W
325W
300W
275W
250W
225W
200W
175W
150W
125W
100W
75W
50W
25W
NW



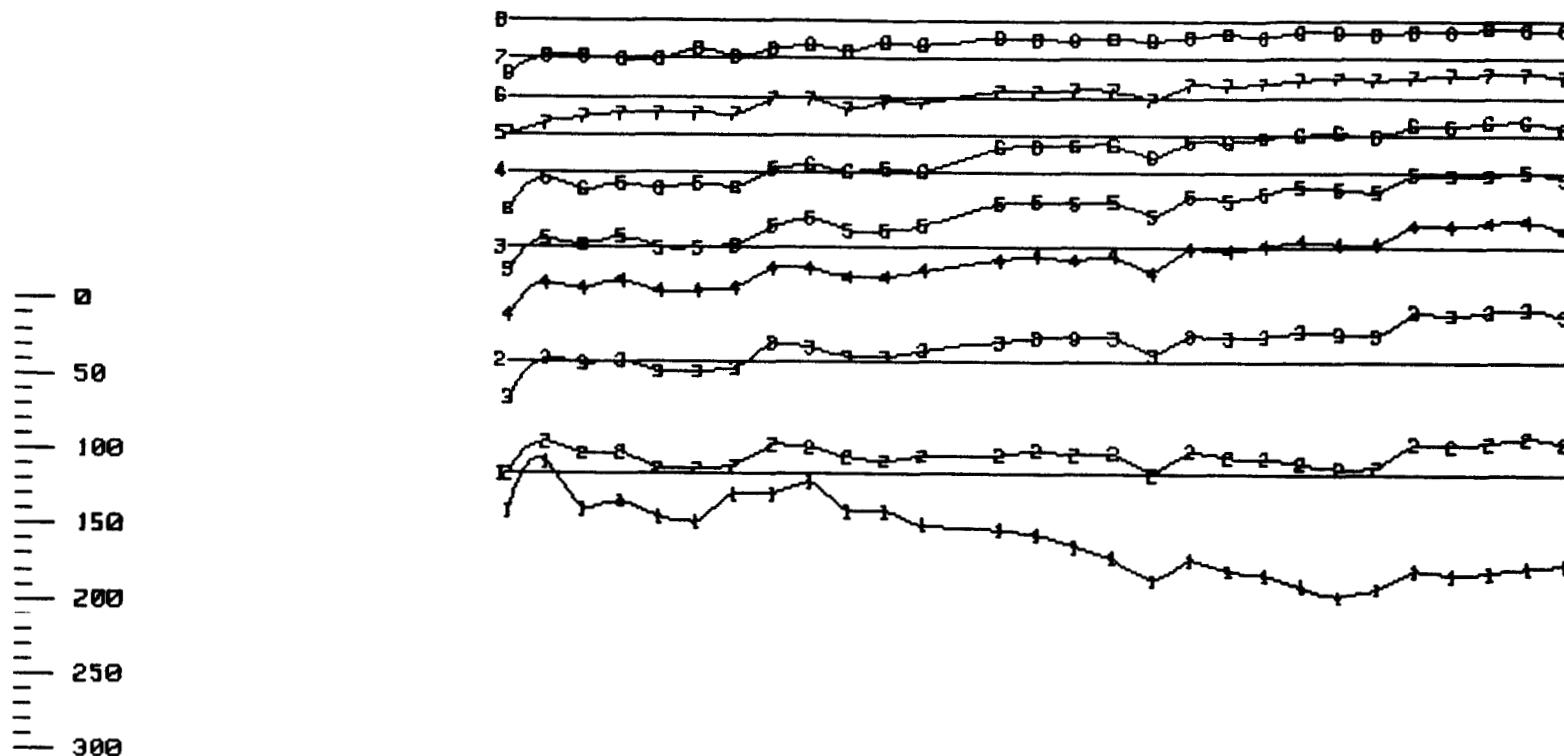
SCALE
P.P.K.
+ OR -

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

METRES
0 50 100 150 200

SKYLINE EXPLORATIONS LTD. WARATRAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 300S LOOP G	
DATE: JULY/85	FIG.: 22

600W 575W 550W 525W 500W 475W 450W 425W 400W 375W 350W 325W 275W 250W 225W 200W 175W 150W 125W 100W 75W 50W 25W 0W 25E 50E 75E 100E



SCALE
P.P.K.
+ OR -

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

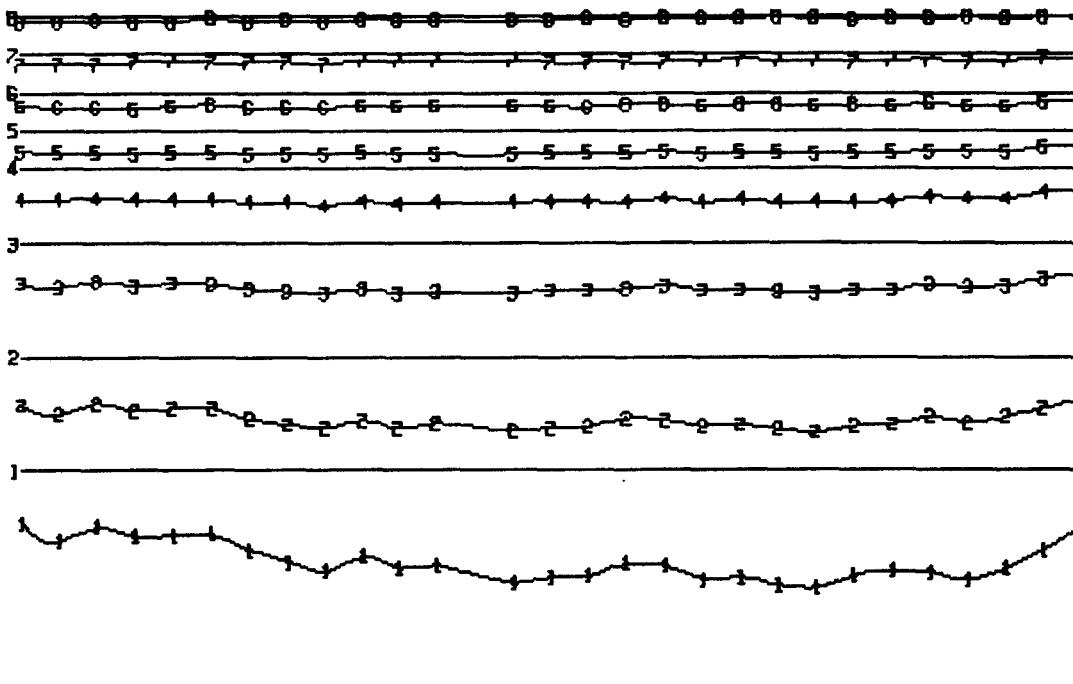
METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.	
WARATAH GRID	
VECTOR PULSE ELECTROMAGNETOMETER	
VERTICAL COMPONENT	
LINE 400S LOOP G	

DATE: JULY/85 FIG.: 25

600W 575W 550W 525W 500W 475W 450W 425W 400W 375W 350W 325W
 275W 250W 225W 200W 175W 150W 125W 100W 75W 50W 25E 50E 75E 100E

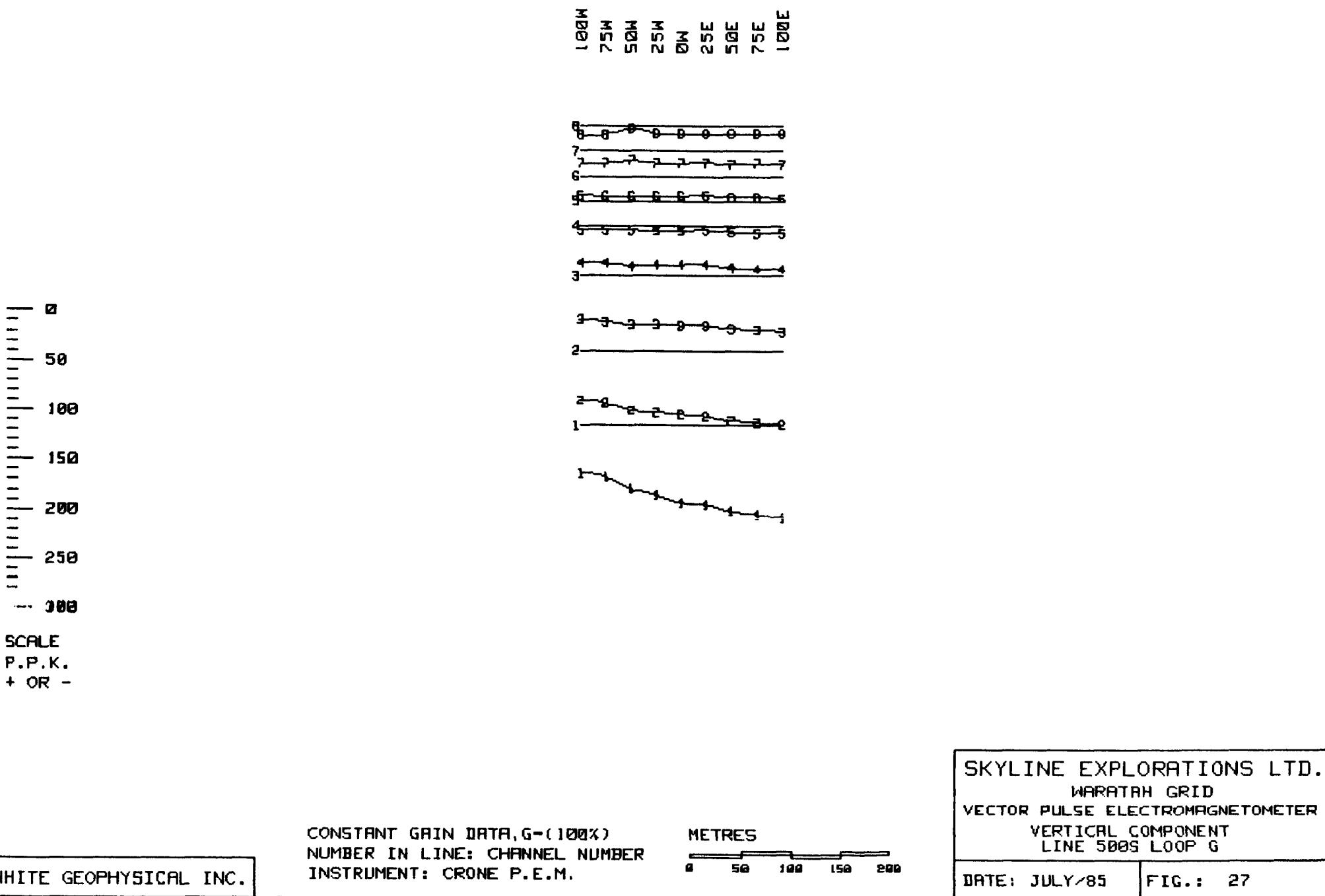


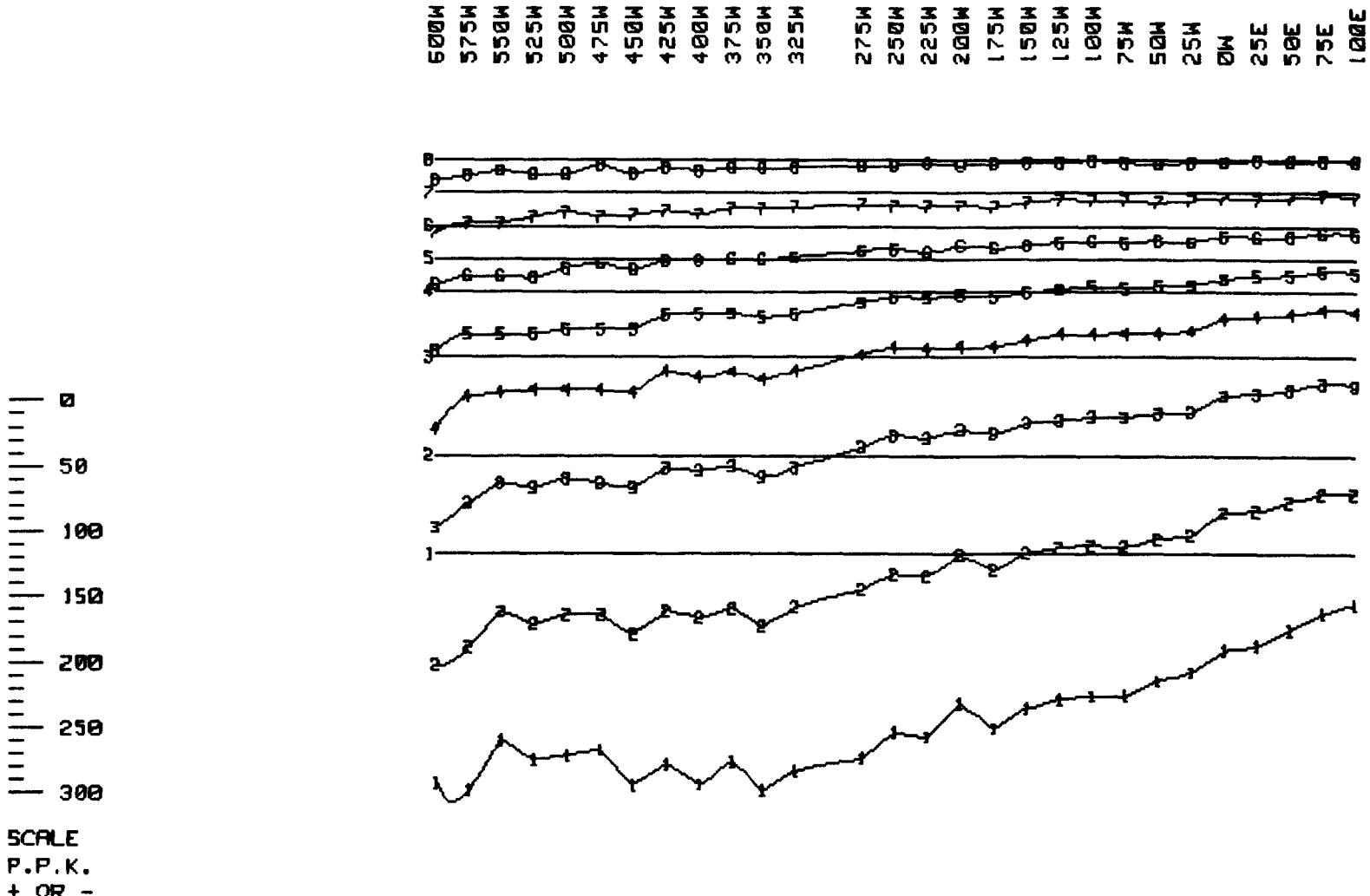
SCALE
P.P.K.
+ OR -

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

METRES
0 50 100 150 200

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 400S LOOP 6	
DATE: JULY/85	FIG.: 24





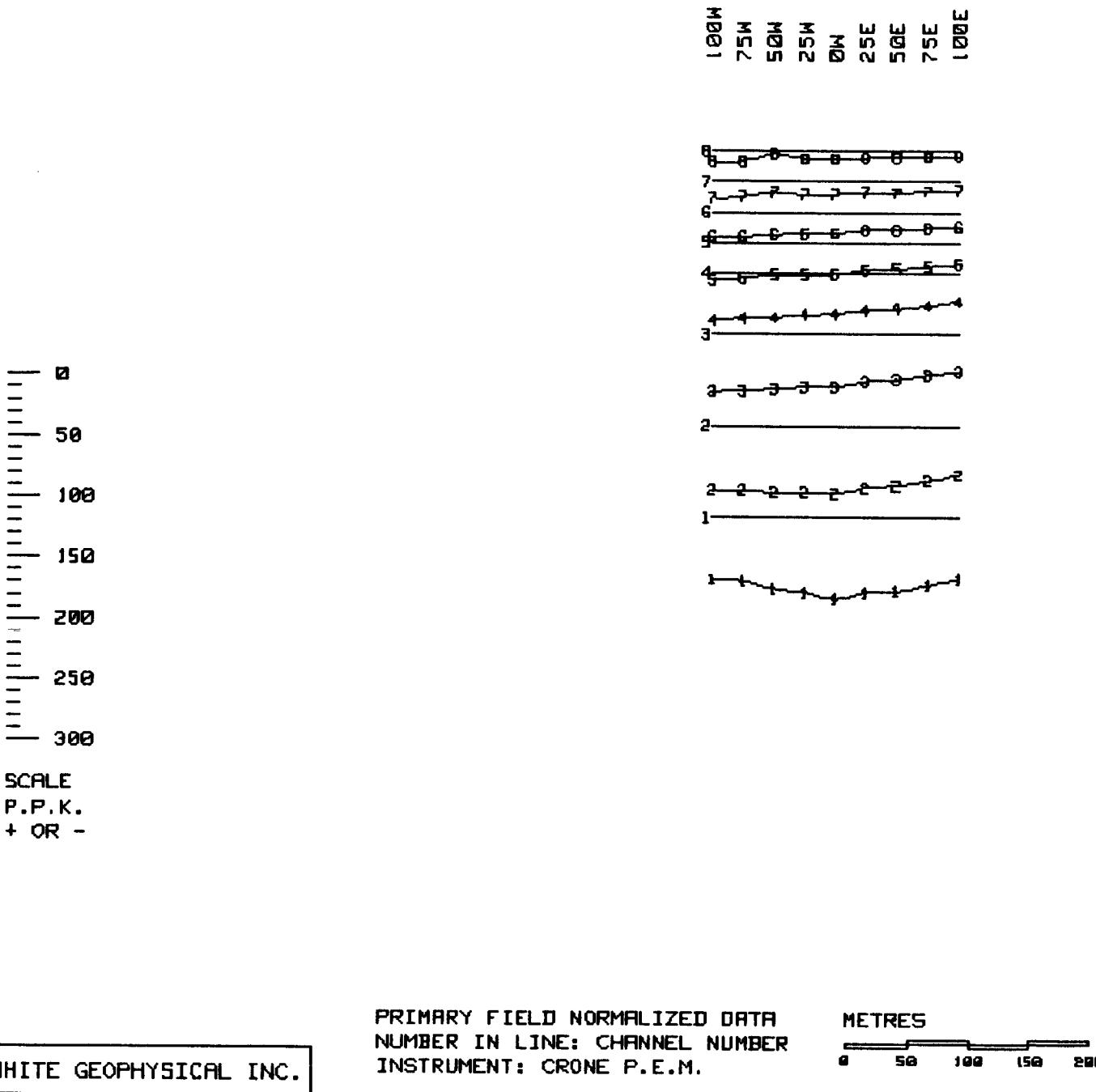
SCALE
P.P.K.
+ OR -

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

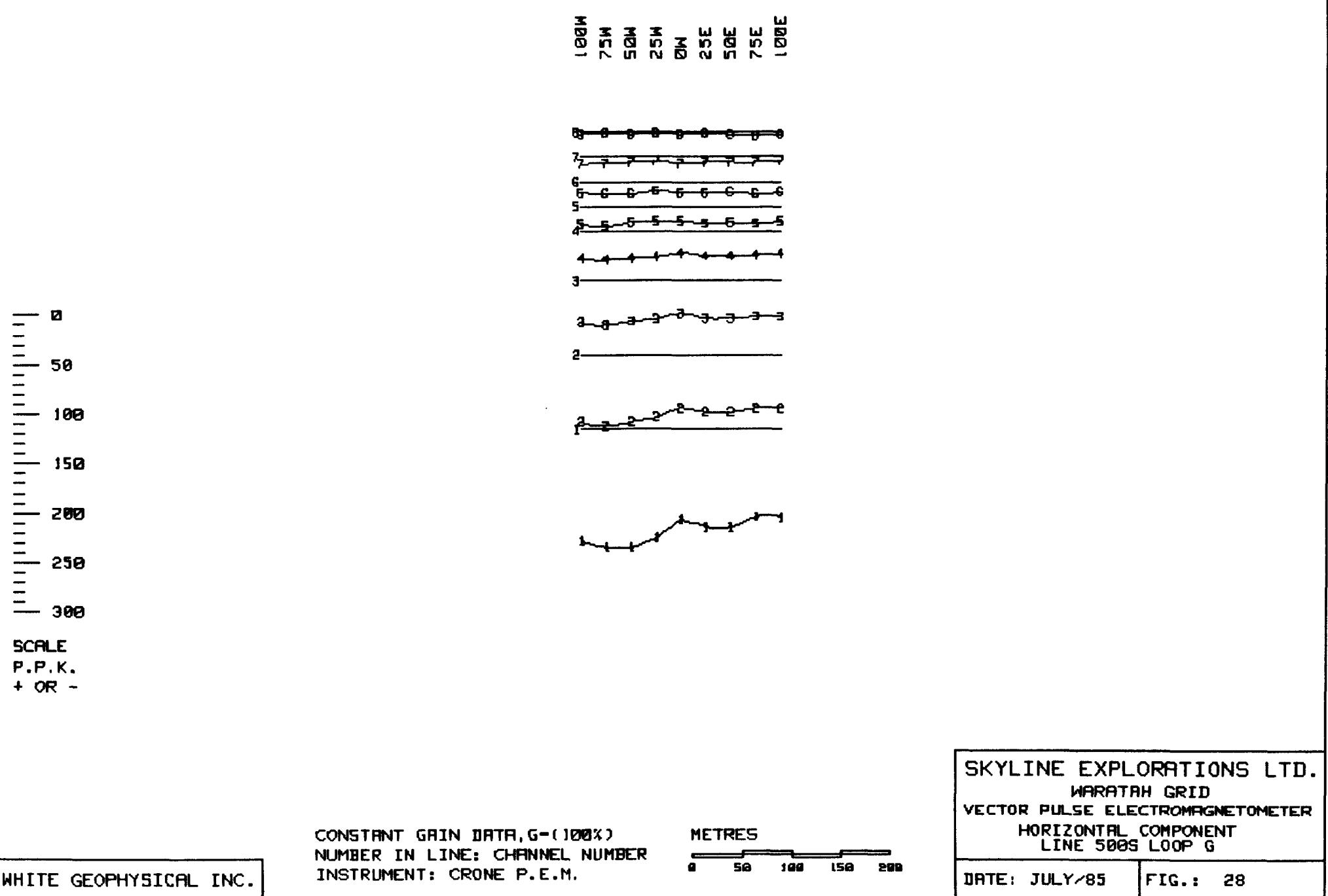
METRES
0 50 100 150 200

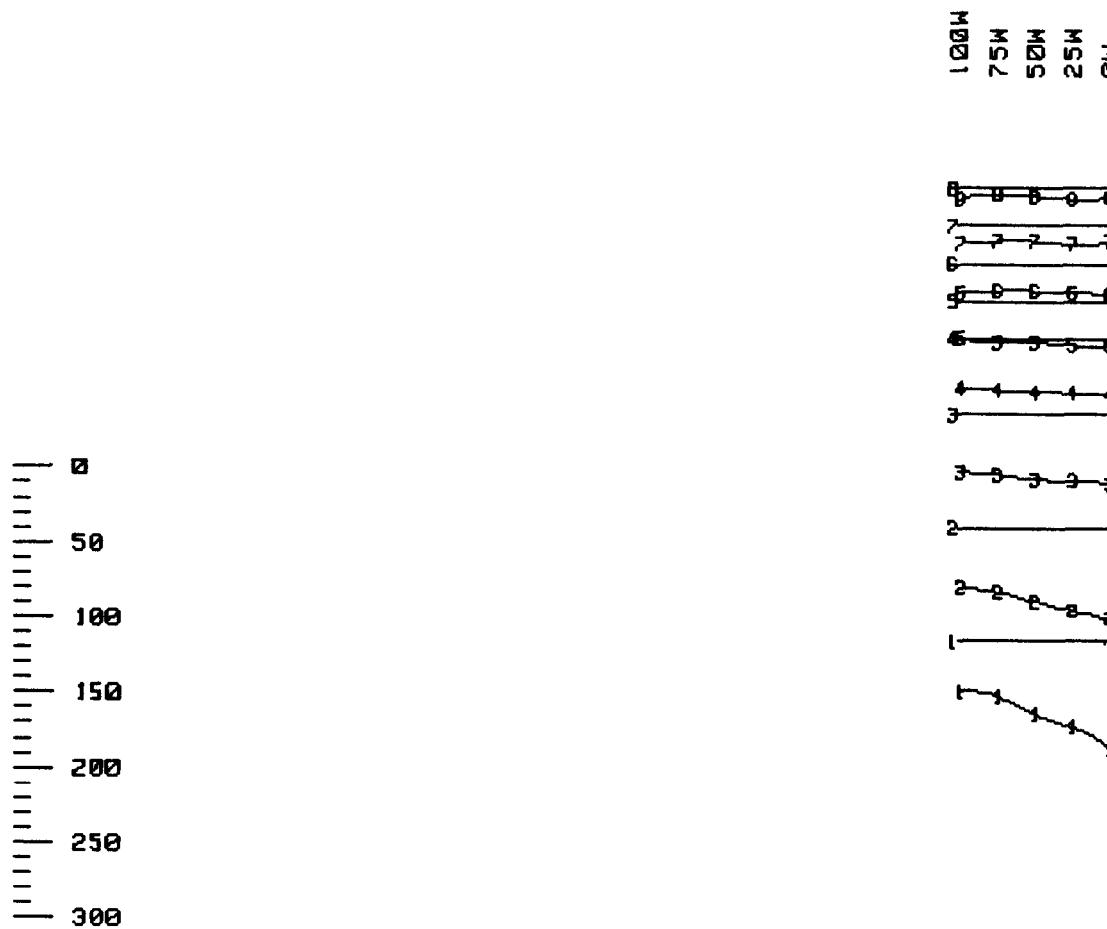
WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 400S LOOP G	
DATE: JULY/85	FIG.: 26



SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER VERTICAL COMPONENT LINE 500S LOOP G	
DATE: JULY/85	FIG.: 29





SCALE
P.P.K.
+ OR -

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

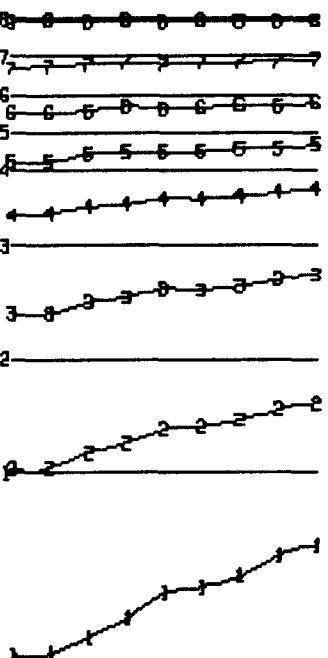
METRES

8 50 100 150 200

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 550S LOOP G

DATE: JULY/85 FIG.: 31

100W 75W 50W 25W 0W 25E 50E 75E 100E



SCALE
P.P.K.
+ OR -

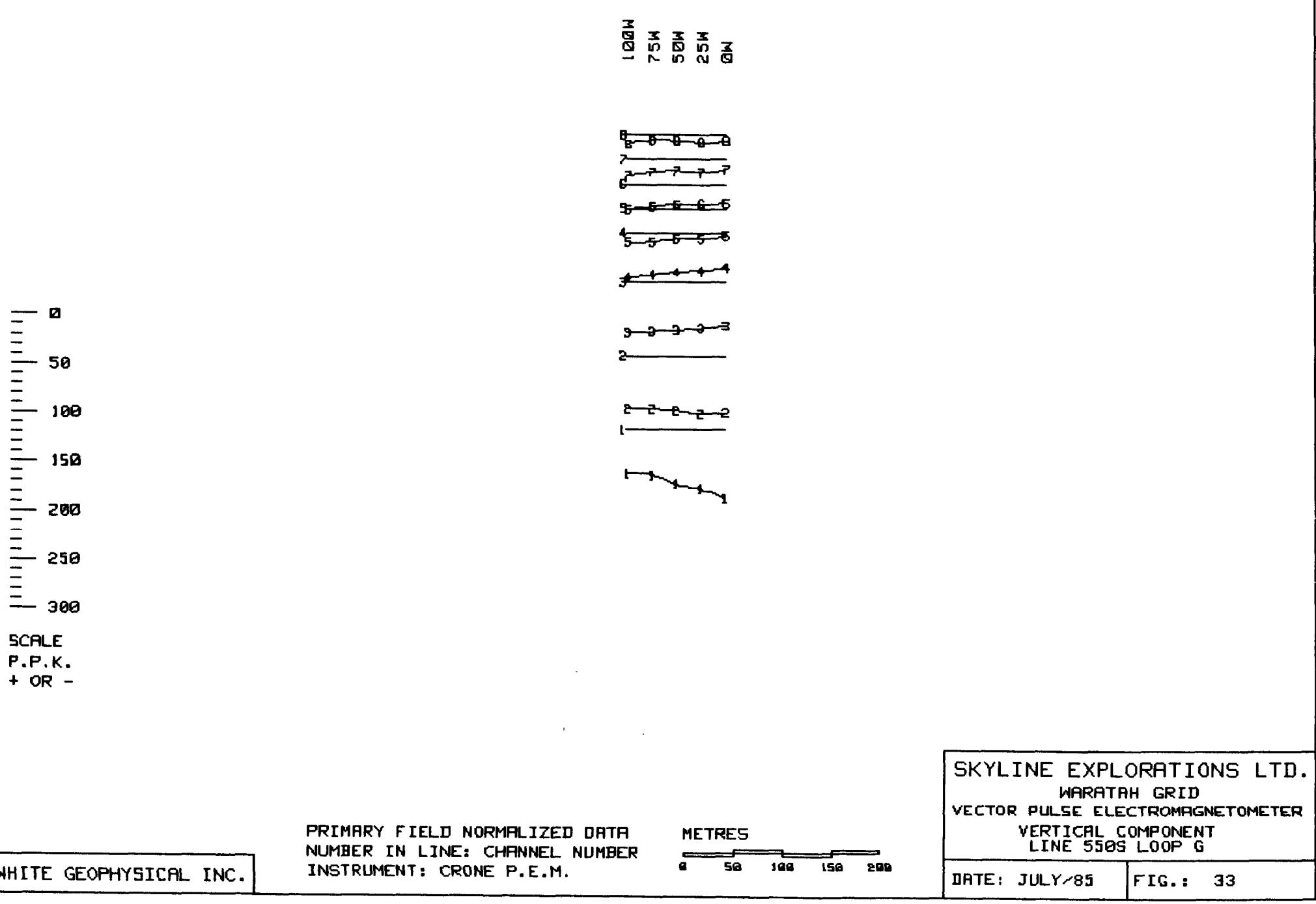
WHITE GEOPHYSICAL INC.

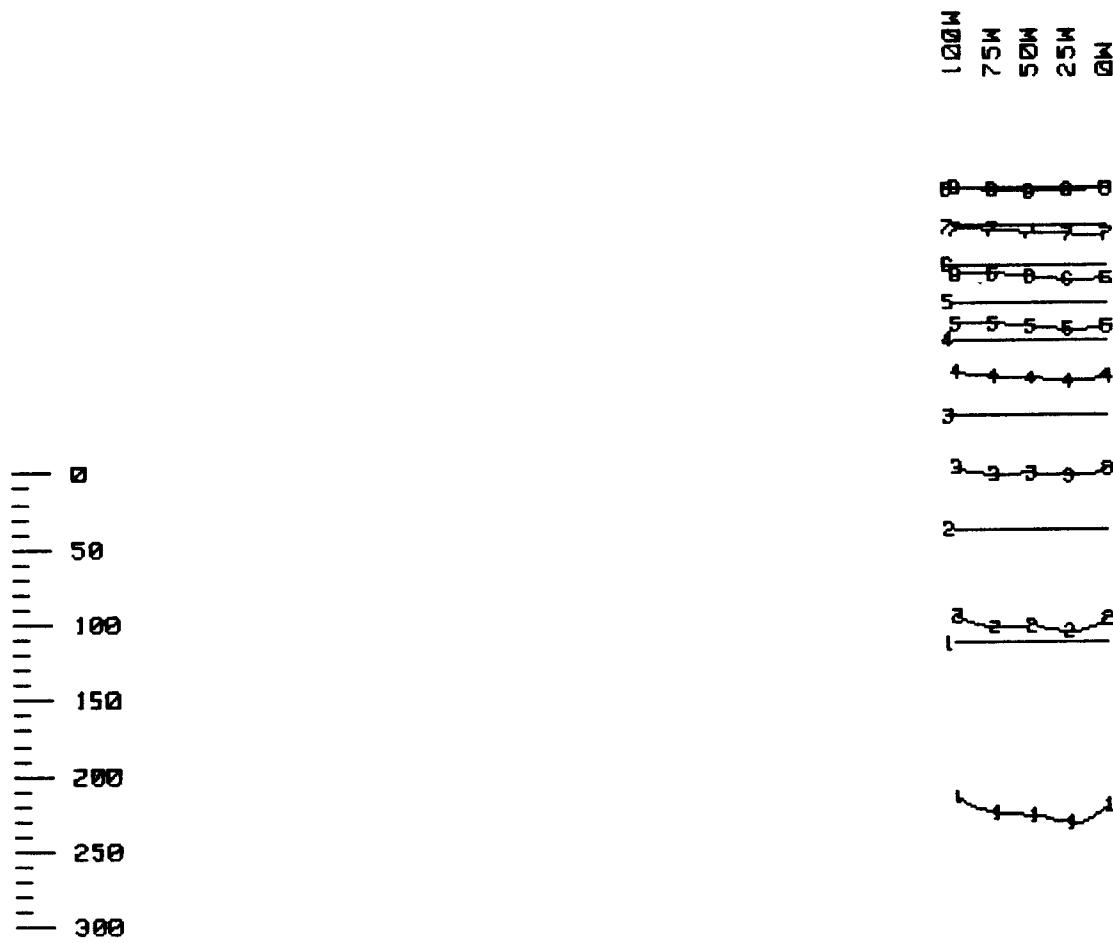
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 500S LOOP G

DATE: JULY/85 FIG.: 30





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

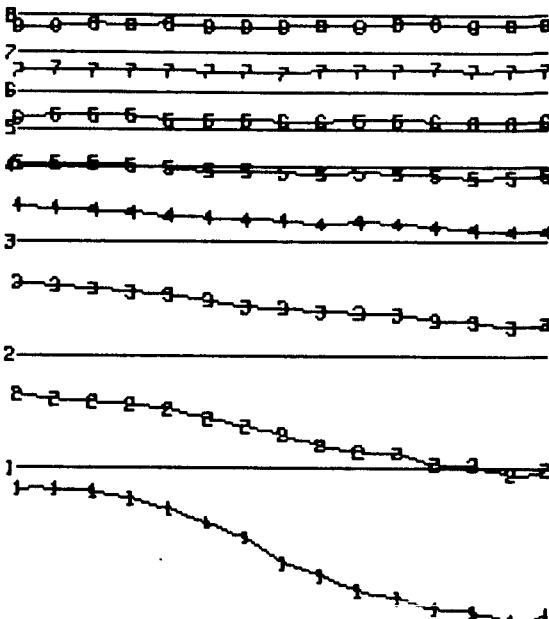
METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.	
WARATAH GRID	
VECTOR PULSE ELECTROMAGNETOMETER	
HORIZONTAL COMPONENT	
LINE 550S LOOP G	

DATE: JULY/85	FIG.: 32
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200W 175W 150W 125W 100W 75W 50W 25W 0W 25E 50E 75E 100E 125E 150E



SCALE
P.P.K.
+ OR -

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

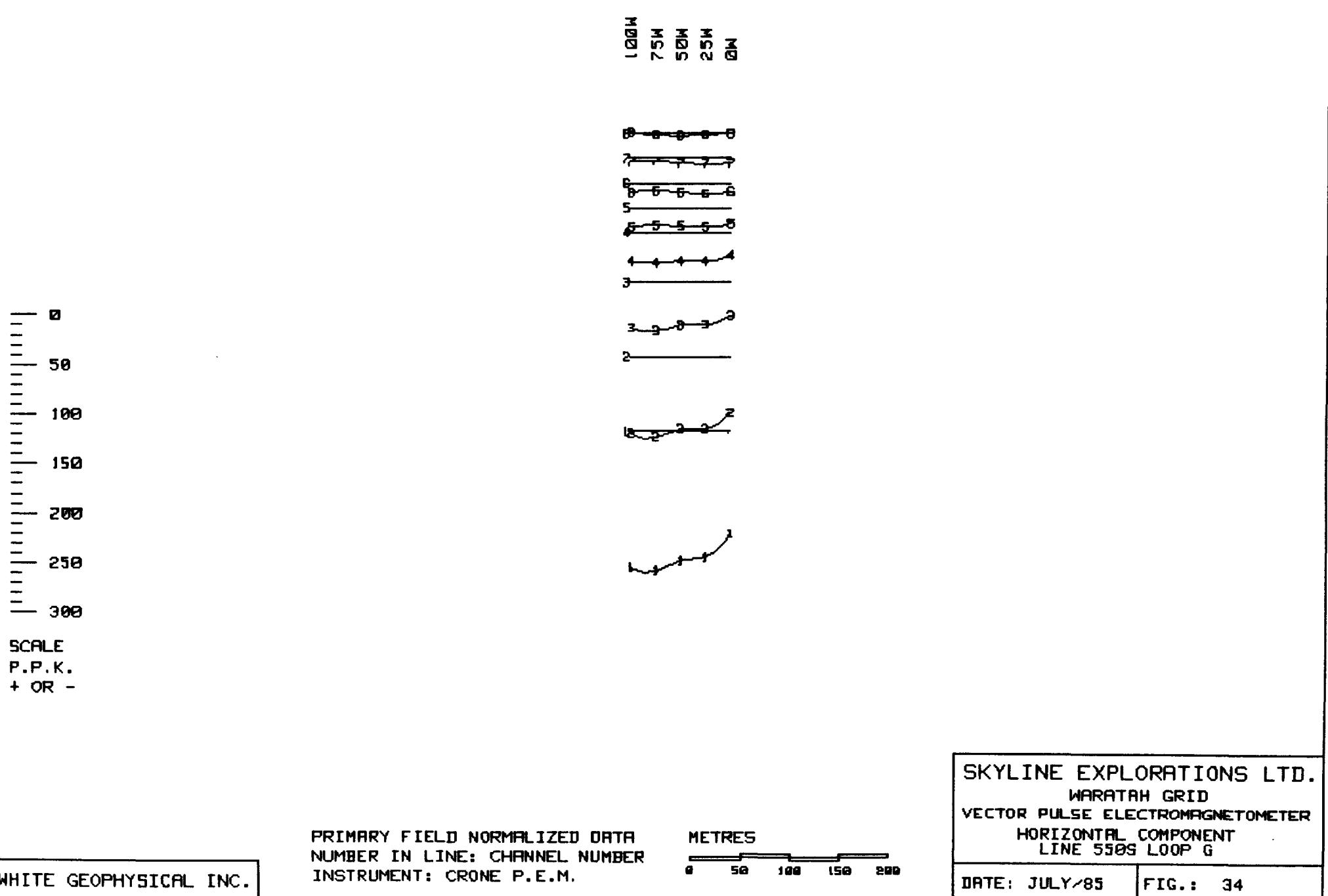
METRES

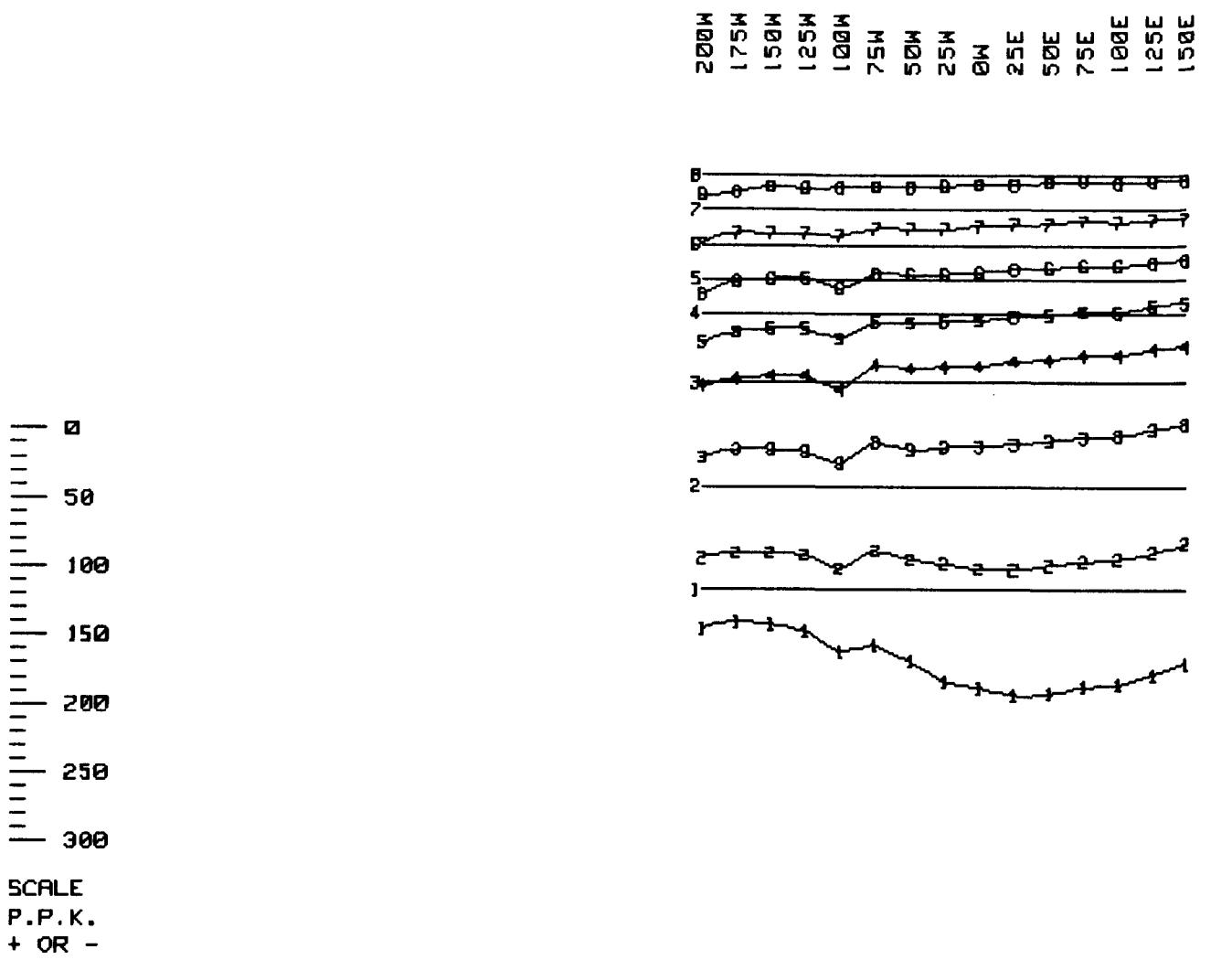
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 600S LOOP G

DATE: JULY/85 FIG.: 35





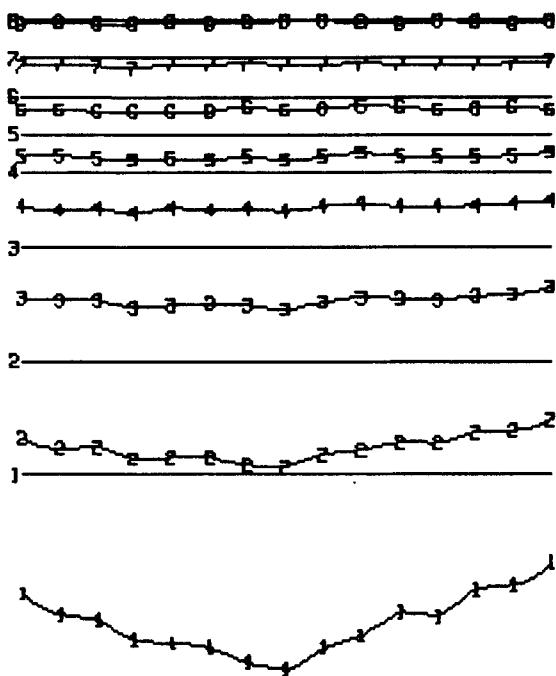
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER VERTICAL COMPONENT LINE 600S LOOP G	
DATE: JULY/85	FIG.: 37

200W 175W 150W 125W 100W 75W 50W 25W 0W 25E 50E 75E 100E 125E 150E



SCALE
P.P.K.
+ OR -

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

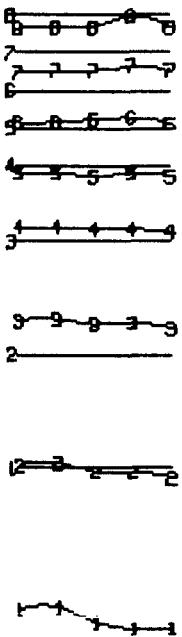
METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 600S LOOP G	
DATE: JULY/85	FIG.: 36

0N 25E 50E 75E 100E

LOOP G



— 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

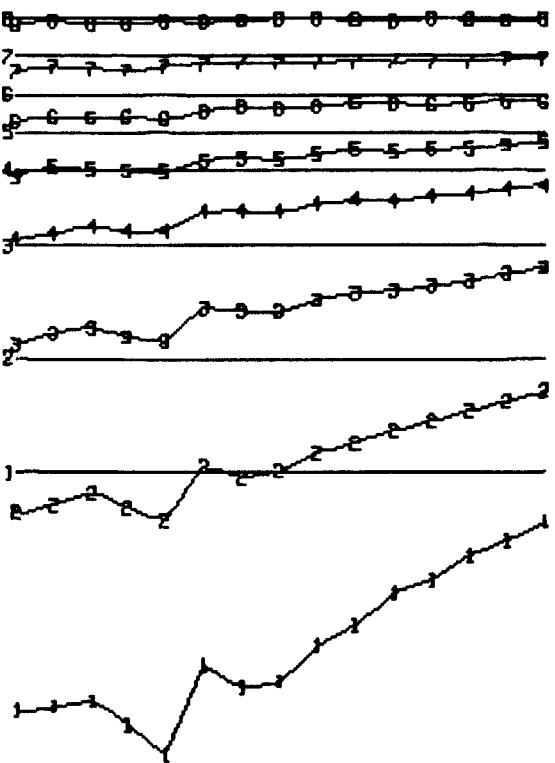
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 650S LOOP G

DATE: JULY/85 FIG.: 39

2000
1751
1501
1251
1001
754
504
254
04
25E
50E
75E
100E
125E
150E



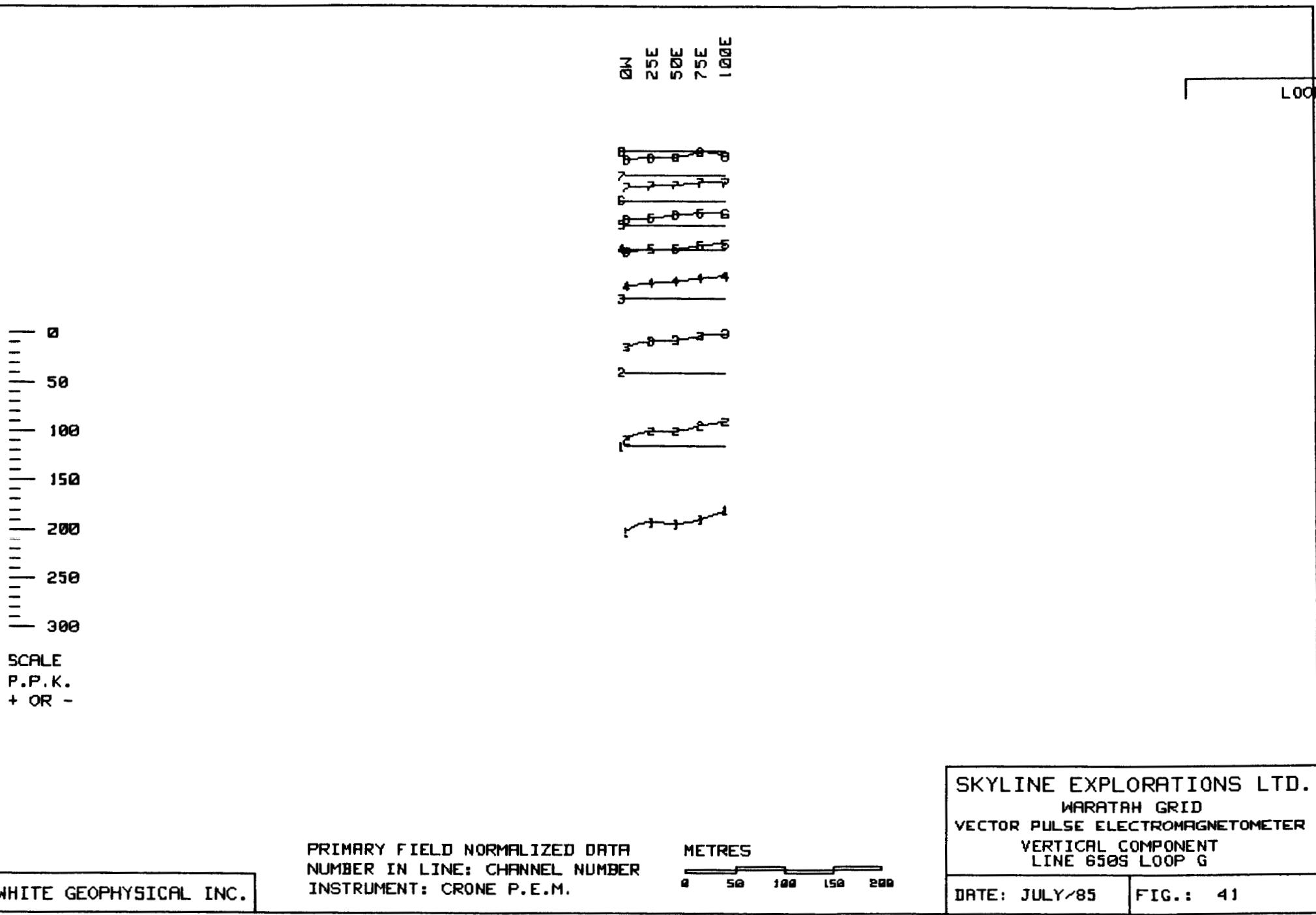
SCALE
P.P.K.
+ OR -

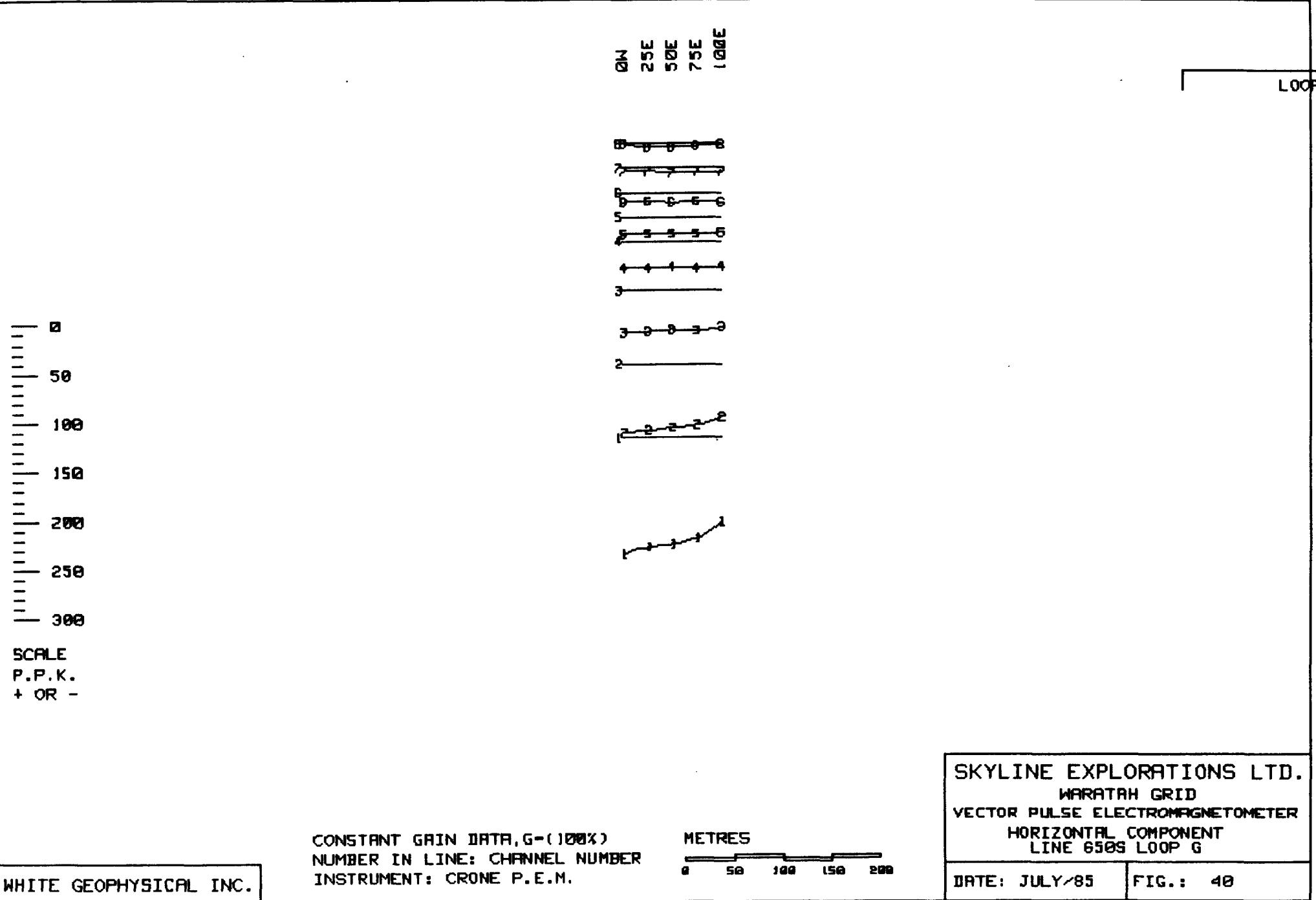
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER HORIZONTAL COMPONENT LINE 600S LOOP G	
DATE: JULY/85	FIG.: 38





500W 475W 450W 425W 400W 375W 350W 325W 300W 275W 250W 225W 200W 175W 150W 125W 100W 75W 50W 25W 0W 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E



SCALE
P.P.K.
+ OR -

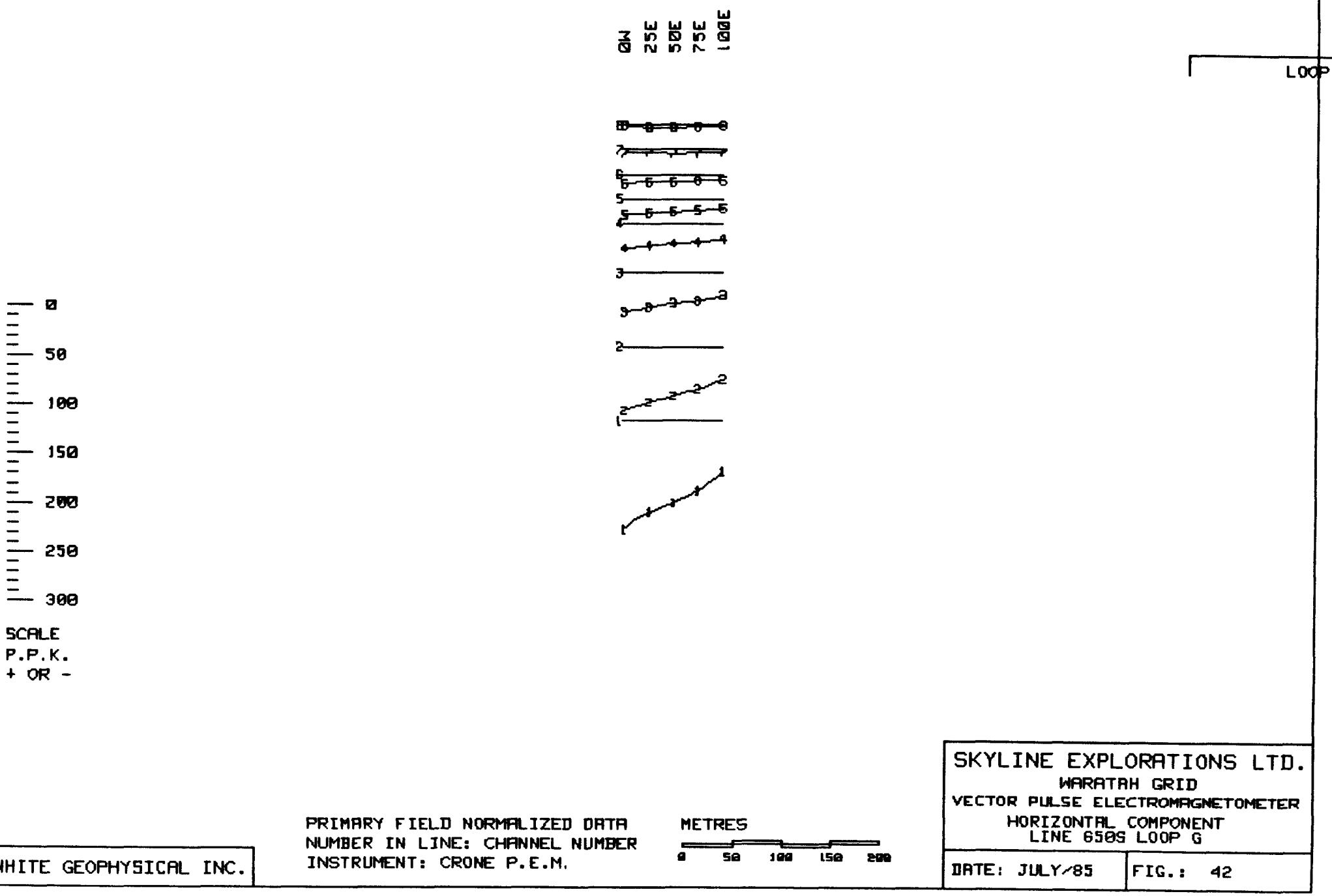
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

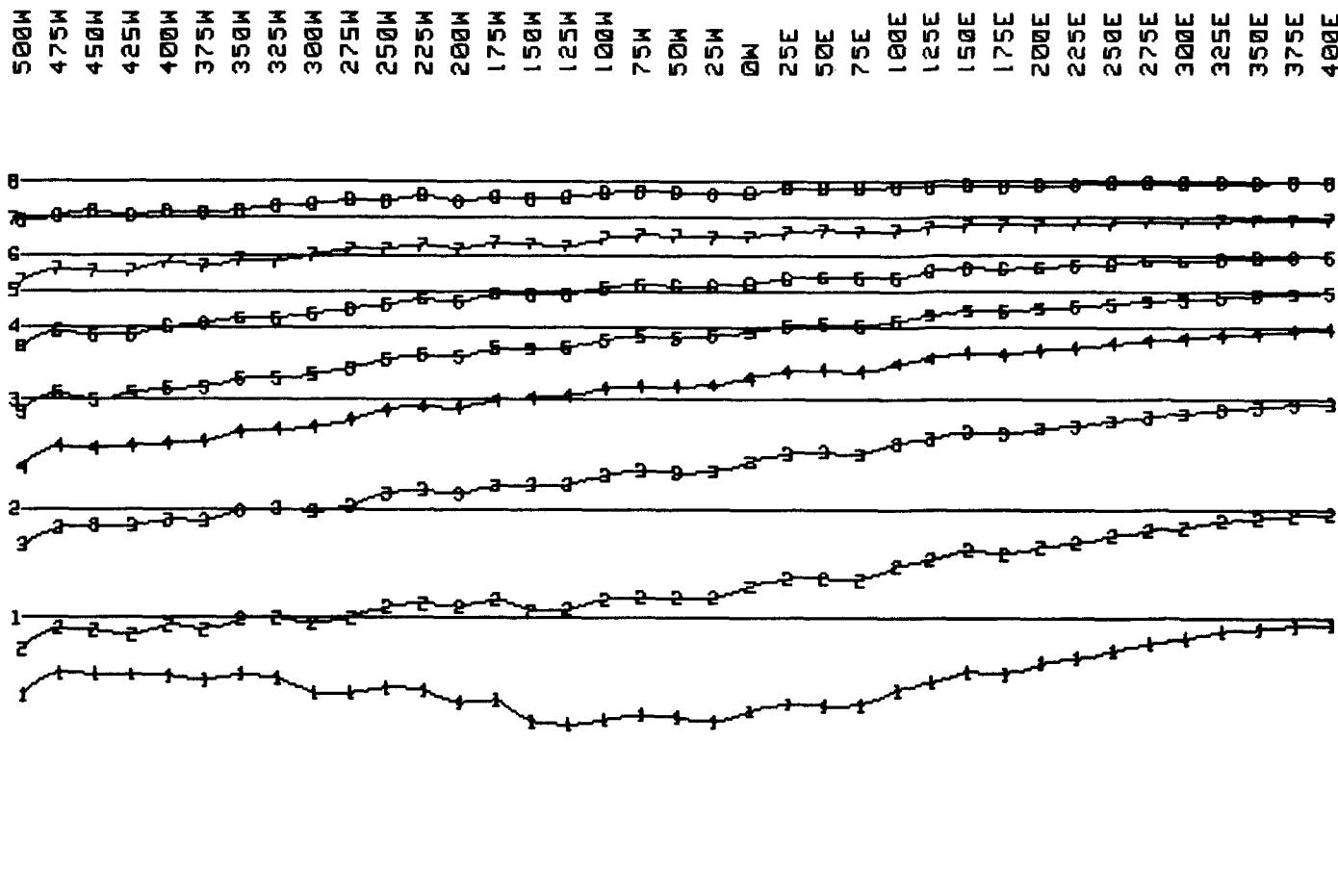
METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD. WARATAH GRID VECTOR PULSE ELECTROMAGNETOMETER VERTICAL COMPONENT LINE 100S LOOP G	
---	--

DATE: JULY/85 FIG.: 43





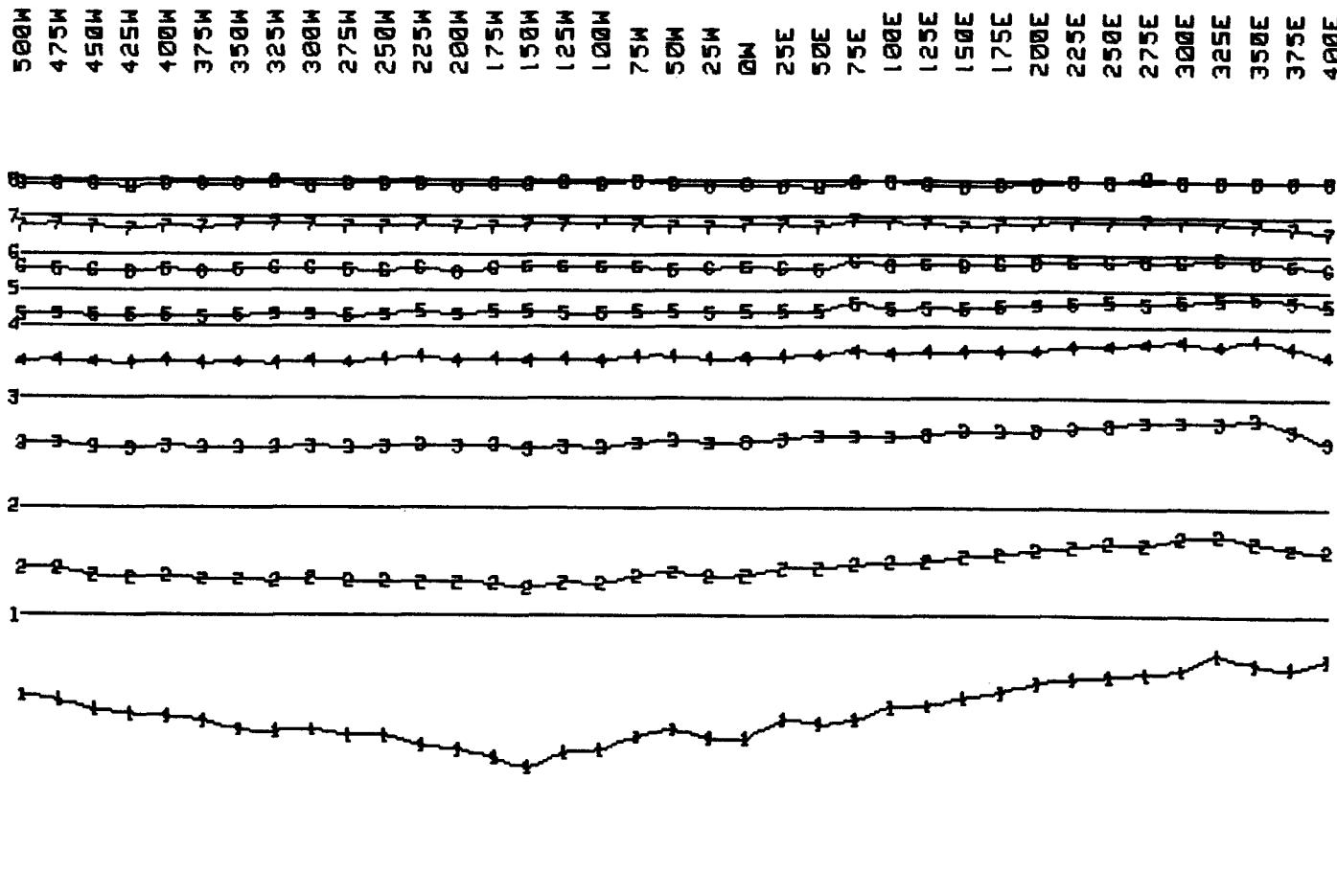
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE: CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.	
WARATAH GRID	
VECTOR PULSE ELECTROMAGNETOMETER	
VERTICAL COMPONENT	
LINE 100S LOOP G	

DATE: JULY/85 FIG.: 45



SCALE
P.P.K.
+ OR -

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

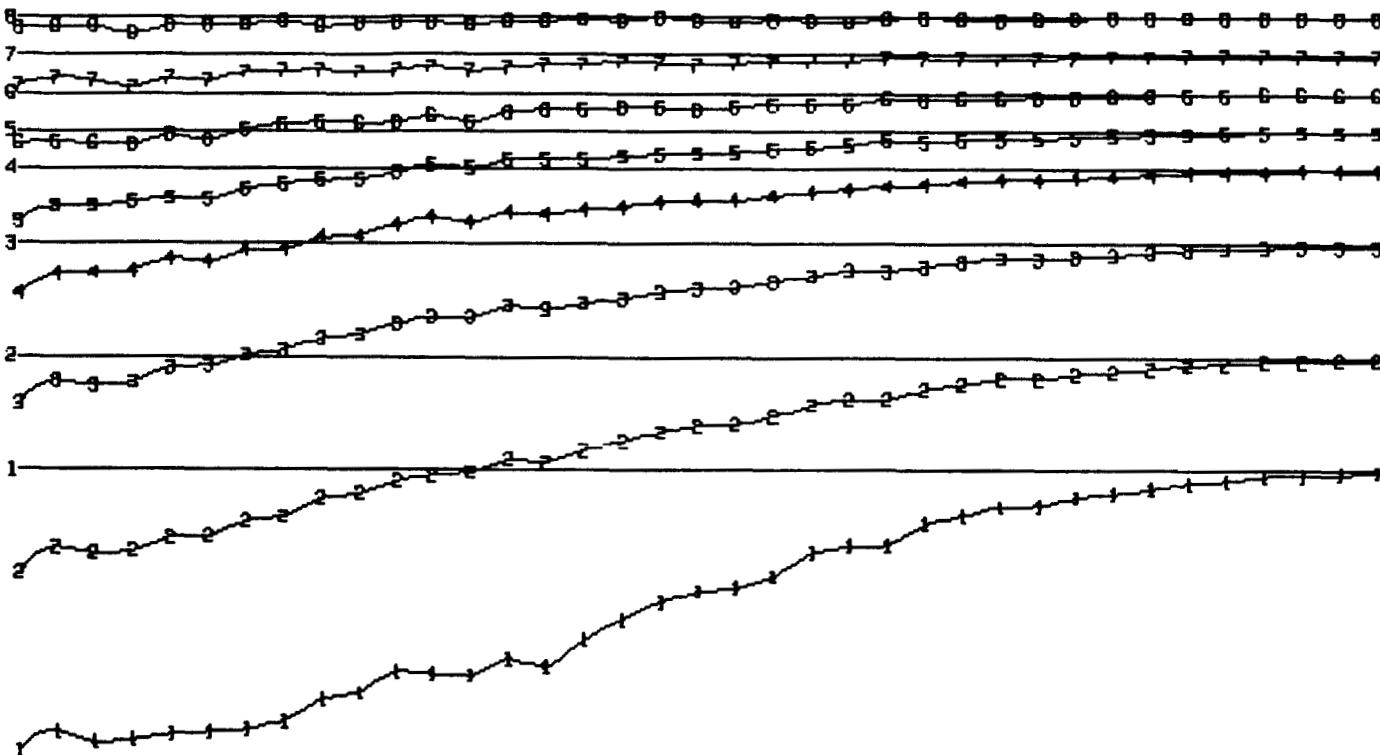
METRES
0 50 100 150 200

SKYLINE EXPLORATIONS LTD.
WARATAH GRID
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100S LOOP G

WHITE GEOPHYSICAL INC.

DATE: JULY/85 FIG.: 44

500W 475W 450W 425W 400W 375W 350W 325W 300W 275W 250W 225W 200W 175W 150W 125W 100W
75W 50W 25W 0W 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E



SCALE
P.P.K.
+ OR -

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

METRES
0 50 100 150 200

WHITE GEOPHYSICAL INC.

SKYLINE EXPLORATIONS LTD.
WARATHA GRID
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100S LOOP G

DATE: JULY/85 FIG.: 46

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	GN	NF
---------	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Line 200N , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 12/7/85

375W	-43	-54	-53	-47	-39	-29	-18	-13	-59	-20	-43	-33	-27	-18	-11	-11	1	18
300W	-43	-48	-49	-42	-37	-27	-17	-10	-55	-47	-38	-32	-25	-18	-11	-7	1	18
275W	-47	-55	-53	-47	-38	-28	-17	-11	-64	-49	-38	-30	-22	-15	-10	-6	1	22
250W	-46	-53	-52	-47	-38	-28	-18	-10	-65	-48	-37	-28	-20	-13	-8	-6	1	23
225W	-49	-50	-54	-47	-38	-28	-18	-11	-72	-49	-35	-24	-18	-12	-6	-3	1	23
200W	-51	-55	-54	-47	-38	-27	-17	-12	-66	-46	-35	-27	-19	-13	-6	-3	1	21
50W	-79	-73	-62	-51	-41	-30	-18	-11	-75	-48	-33	-24	-18	-12	-6	-4	1	37
25W	-75	-70	-59	-48	-38	-28	-17	-12	-76	-52	-38	-26	-17	-11	-5	-2	1	37
0W	-82	-73	-61	-51	-40	-30	-20	-15	-69	-44	-30	-22	-15	-11	-8	-5	1	39
25E	-85	-73	-61	-49	-39	-26	-13	-8	-68	-43	-31	-23	-18	-14	-9	-6	1	41
50E	-86	-72	-61	-50	-39	-28	-18	-10	-64	-40	-30	-21	-14	-10	-4	-3	1	38
100E	-94	-83	-70	-57	-44	-28	-17	-7	-52	-33	-22	-17	-12	-9	-4	-1	1	38

Line 100N , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 11/7/85

425E	-6	-6	-5	-4	-2	-2	-1	-1	-6	-3	-3	-2	-1	-1	-1	-1	14	1
400E	-15	-15	-13	-10	-7	-6	-3	-2	-25	-19	-13	-10	-6	-3	0	0	20	1
375E	-22	-24	-21	-17	-13	-9	-5	-3	-14	-8	-6	-4	-2	0	0	0	36	1
350E	-32	-28	-23	-19	-14	-10	-6	-3	-16	-10	-8	-5	-3	-3	-1	0	44	1
325E	-23	-19	-16	-12	-9	-7	-4	-3	-13	-8	-7	-5	-3	-3	-1	-1	30	1
300E	-31	-27	-21	-17	-13	-9	-5	-3	-18	-10	-7	-5	-3	-3	-1	-1	38	1
275E	-48	-42	-34	-27	-20	-15	-9	-5	-25	-14	-11	-8	-6	-4	-3	-1	63	1
250E	-50	-45	-35	-28	-21	-16	-9	-5	-28	-16	-12	-9	-7	-5	-3	-2	1	37
225E	-55	-48	-38	-30	-23	-17	-9	-6	-33	-19	-13	-11	-8	-6	-3	-1	1	73
200E	-70	-57	-48	-38	-29	-21	-12	-7	-38	-23	-17	-12	-10	-6	-3	-2	1	83
175E	-93	-79	-65	-52	-41	-28	-15	-8	-59	-35	-24	-11	-12	-9	-6	-4	1	97
150E	-91	-75	-60	-49	-37	-26	-15	-9	-55	-36	-25	-19	-14	-9	-5	-2	1	93
125E	-101	-84	-67	-54	-41	-27	-16	-8	-68	-40	-30	-23	-17	-12	-5	1	1	95
100E	-95	-78	-65	-52	-40	-27	-14	-9	-58	-38	-29	-20	-13	-10	-4	-4	1	76
75E	-95	-77	-61	-48	-37	-26	-16	-11	-70	-42	-29	-22	-15	-11	-7	-4	1	80
50E	-95	-77	-61	-49	-38	-27	-16	-9	-73	-44	-30	-23	-16	-12	-9	-4	1	69
25E	-80	-70	-58	-47	-38	-26	-15	-11	-62	-41	-30	-22	-15	-11	-6	-3	1	45
0W	-91	-77	-61	-50	-38	-27	-15	-9	-84	-48	-33	-23	-17	-11	-6	-4	1	60
25W	-85	-73	-59	-48	-38	-28	-17	-11	-87	-52	-35	-24	-17	-11	-7	-4	1	55
50W	-76	-67	-57	-47	-36	-25	-16	-10	-76	-49	-34	-24	-18	-12	-7	-5	1	44
75W	-76	-69	-57	-47	-37	-26	-16	-9	-90	-54	-36	-26	-18	-11	-6	-7	1	47
100W	-66	-64	-56	-46	-37	-26	-15	-9	-89	-54	-35	-25	-18	-12	-8	-3	1	44
125W	-59	-59	-53	-45	-36	-27	-17	-11	-65	-45	-33	-24	-18	-12	-7	-3	1	35
150W	-58	-61	-56	-47	-38	-28	-18	-10	-86	-53	-37	-26	-19	-13	-7	-4	1	39
175W	-57	-62	-56	-47	-38	-27	-16	-11	-89	-53	-36	-27	-18	-12	-6	-2	1	39
200W	-52	-59	-57	-43	-38	-27	-17	-9	-97	-58	-40	-28	-20	-14	-8	-3	1	37
225W	-44	-57	-53	-45	-38	-27	-17	-11	-93	-58	-40	-28	-28	-23	-7	-4	1	35
250W	-36	-51	-50	-44	-36	-27	-17	-13	-85	-55	-39	-28	-20	-14	-7	-3	1	32
275W	-37	-53	-51	-44	-37	-27	-17	-11	-88	-58	-42	-31	-22	-15	-8	-5	1	30
300W	-34	-48	-48	-41	-33	-24	-14	-10	-81	-55	-40	-30	-23	-16	-10	-7	1	28
325W	-35	-47	-47	-42	-33	-25	-16	-9	-74	-54	-40	-31	-22	-14	-8	-5	1	26
350W	-32	-47	-47	-41	-43	-24	-16	0	-75	-54	-42	-30	-24	-15	-8	-5	1	25
375W	-31	-46	-45	-40	-33	-23	-16	-10	-73	-55	-42	-33	-24	-16	-11	-6	1	23
400W	-30	-43	-43	-38	-32	-23	-15	-9	-63	-50	-41	-33	-24	-17	-10	-5	1	21

Line 00N , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 11/7/85

0W	-82	-68	-53	-42	-33	-23	-15	-9	-85	-49	-33	-23	-15	-12	-6	-2	1	67
25E	-91	-76	-60	-49	-37	-25	-14	-9	-79	-45	-32	-21	-15	-10	-5	-2	1	72

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	GN	NF
50E	-92	-78	-62	-50	-38	-27	-14	-9	-76	-44	-30	-21	-14	-10	-5	-2	1	82
75E	-97	-80	-64	-51	-39	-27	-16	-11	-72	-42	-29	-21	-15	-11	-6	-3	1	91
100E	-95	-80	-63	-51	-39	-27	-15	-10	-68	-40	-27	-18	-14	-9	-3	0	1	97
125E	-90	-75	-60	-48	-37	-26	-14	-9	-60	-37	-27	-19	-14	-10	-5	-2	99	1
150E	-93	-78	-61	-50	-38	-27	-15	-9	-59	-35	-26	-18	-13	-8	-4	-1	97	1
175E	-69	-58	-47	-36	-27	-18	-10	-5	-46	-27	-19	-13	-11	-7	-4	-2	82	1
200E	-58	-51	-40	-32	-23	-17	-9	-6	-37	-20	-16	-12	-8	-6	-3	-3	71	1
225E	-49	-42	-32	-26	-19	-13	-7	-4	-31	-17	-12	-9	-6	-4	-2	-1	59	1
250E	-44	-38	-31	-24	-19	-13	-7	-4	-26	-15	-12	-8	-6	-4	-2	-1	51	1
275E	-46	-40	-33	-26	-18	-13	-7	-5	-22	-13	-11	-8	-5	-4	-2	-1	56	1
300E	-39	-37	-30	-23	-18	-12	-7	-3	-18	-11	-8	-5	-4	-2	-1	1	54	1

Line 100S , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 11/7/85

500W	-16	-29	-30	-29	-25	-19	-13	-8	-56	-43	-32	-25	-18	-10	-6	-2	1	15
475W	-13	-28	-30	-28	-24	-18	-12	-8	-59	-43	-31	-24	-17	-11	-5	-2	1	17
450W	-14	-30	-31	-30	-27	-20	-13	-7	-65	-47	-34	-25	-18	-12	-6	-2	1	18
425W	-15	-33	-33	-31	-27	-21	-14	-9	-68	-49	-35	-26	-18	-13	-8	-4	1	19
400W	-16	-32	-33	-32	-27	-20	-12	-8	-70	-48	-33	-24	-18	-11	-6	-2	1	20
375W	-18	-35	-35	-33	-28	-20	-14	-9	-73	-50	-34	-26	-19	-13	-7	-2	1	21
350W	-18	-35	-35	-33	-28	-20	-13	-9	-79	-50	-34	-25	-18	-11	-5	-2	1	23
325W	-20	-36	-36	-34	-29	-21	-14	-8	-80	-51	-34	-26	-17	-10	-5	-1	1	24
300W	-27	-41	-40	-36	-30	-21	-13	-8	-79	-49	-33	-24	-17	-10	-5	-3	1	26
275W	-29	-42	-41	-36	-30	-21	-12	-7	-83	-51	-34	-25	-18	-11	-6	-2	1	28
250W	-30	-42	-40	-35	-29	-21	-13	-8	-83	-51	-33	-23	-17	-12	-6	-2	1	31
225W	-33	-43	-41	-36	-29	-20	-12	-6	-90	-52	-32	-21	-15	-10	-5	-2	1	33
200W	-40	-46	-44	-38	-31	-22	-14	-9	-93	-52	-33	-24	-17	-13	-7	-3	1	34
175W	-44	-49	-46	-39	-31	-21	-13	-8	-98	-53	-32	-23	-15	-10	-6	-2	1	39
150W	-57	-56	-47	-39	-32	-22	-14	-9	-105	-56	-35	-24	-15	-9	-5	-2	1	40
125W	-62	-58	-49	-40	-33	-23	-16	-9	-95	-52	-33	-23	-16	-9	-5	-1	1	42
100W	-66	-59	-49	-40	-32	-21	-13	-7	-93	-53	-34	-24	-16	-9	-4	-2	1	47
75W	-64	-59	-47	-39	-30	-20	-11	-6	-84	-48	-31	-21	-15	-9	-5	0	1	48
50W	-67	-60	-49	-40	-32	-21	-12	-7	-79	-45	-29	-21	-15	-11	-6	-2	1	49
25W	-77	-66	-53	-43	-33	-23	-14	-9	-85	-48	-31	-23	-16	-10	-6	-3	1	54
00W	-77	-64	-51	-42	-34	-24	-15	-9	-85	-47	-30	-22	-15	-9	-5	-2	1	60
25E	-78	-63	-49	-40	-32	-22	-13	-6	-72	-42	-28	-21	-15	-10	-5	-3	1	66
50E	-89	-70	-53	-43	-34	-23	-12	-6	-75	-42	-26	-20	-15	-11	-6	-4	1	74
75E	-86	-70	-54	-45	-35	-23	-13	-6	-72	-40	-26	-17	-9	-5	-2	-1	1	72
100E	-87	-69	-53	-44	-36	-28	-15	-6	-63	-38	-26	-19	-13	-8	-3	0	1	88
125E	-88	-69	-53	-43	-34	-23	-12	-6	-60	-36	-24	-17	-12	-7	-4	-2	96	1
150E	-73	-56	-44	-35	-27	-19	-10	-5	-49	-29	-19	-15	-11	-7	-5	-3	86	1
175E	-76	-62	-47	-38	-29	-20	-10	-6	-47	-29	-20	-15	-10	-6	-4	-2	89	1
200E	-61	-51	-39	-32	-24	-18	-9	-4	-36	-23	-17	-13	-8	-5	-3	-1	78	1
225E	-55	-47	-36	-29	-22	-15	-8	-4	-32	-20	-15	-10	-7	-4	-2	0	73	1
250E	-45	-37	-29	-23	-18	-14	-7	-2	-25	-15	-11	-8	-5	-3	-2	0	60	1
275E	-35	-30	-23	-18	-14	-8	-5	-2	-17	-11	-7	-5	-4	-2	-1	1	43	1
300E	-28	-25	-19	-15	-11	-8	-5	-2	-14	-8	-6	-4	-3	-2	-1	0	37	1
325E	-18	-17	-14	-11	-9	-6	-4	-1	-8	-6	-5	-4	-2	-1	-1	0	30	1
350E	-14	-13	-10	-8	-6	-4	-2	-1	-7	-5	-3	-2	-1	-1	-1	0	21	1
375E	-10	-9	-7	-5	-4	-3	-2	0	-5	-4	-3	-2	-1	-1	-1	0	14	1
400E	-8	-7	-5	-3	-2	-2	-1	0	-3	-3	-3	-2	-1	-1	-1	0	10	1

Line 200S , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 11/7/85

575W	-7	-22	-26	-25	-23	-18	-11	-8	-50	-40	-30	-23	-17	-11	-6	-3	1	15
550W	-9	-23	-26	-25	-23	-18	-11	-7	-55	-42	-31	-23	-16	-11	-6	-3	1	15
525W	-15	-25	-27	-26	-23	-18	-12	-8	-52	-42	-30	-23	-17	-11	-6	-3	1	15
500W	-12	-28	-29	-28	-26	-21	-13	-7	-58	-43	-31	-24	-17	-11	-6	-1	1	17

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	GN	NF
475W	-10	-29	-30	-29	-25	-19	-11	-7	-64	-46	-32	-24	-18	-11	-6	-2	1	18
450W	-11	-28	-29	-28	-24	-18	-12	-7	-70	-48	-32	-23	-17	-11	-5	-2	1	20
425W	-12	-29	-30	-21	-24	-18	-10	-6	-71	-48	-32	-22	-15	-7	-4	-3	1	21
400W	-11	-29	-30	-28	-25	-19	-13	-8	-71	-48	-33	-23	-16	-10	-5	-3	1	22
350W	-20	-33	-33	-32	-27	-20	-13	-8	-69	-47	-33	-24	-16	-10	-5	-3	1	22
325W	-20	-33	-33	-32	-26	-18	-11	-6	-79	-49	-33	-23	-17	-11	-6	-2	1	25
300W	-23	-36	-35	-33	-27	-19	-11	-6	-82	-52	-36	-27	-20	-14	-8	-2	1	26
275W	-25	-37	-26	-34	-28	-20	-12	-7	-84	-51	-34	-24	-16	-10	-6	-2	1	28
250W	-26	-38	-37	-34	-27	-19	-11	-6	-86	-51	-33	-23	-15	-9	-4	-1	1	32
225W	-34	-43	-41	-36	-29	-21	-13	-7	-91	-53	-34	-24	-16	-10	-4	-2	1	33
200W	-36	-45	-43	-37	-30	-21	-12	-7	-92	-52	-33	-23	-16	-10	-6	-3	1	36
175W	-39	-46	-44	-39	-30	-21	-12	-7	-100	-56	-35	-25	-17	-9	-4	-1	1	39
150W	-29	-43	-42	-33	-30	-21	-13	-8	-110	-59	-35	-25	-16	-10	-5	-1	1	41
125W	-64	-58	-45	-37	-29	-20	-12	-7	-105	-55	-54	-23	-15	-9	-4	0	1	45
100W	-63	-58	-47	-38	-30	-20	-13	-7	-74	-51	-32	-23	-16	-9	-4	-1	1	47
75W	-64	-57	-46	-37	-29	-19	-13	-7	-94	-52	-33	-23	-16	-9	-5	-1	1	48
50W	-65	-59	-47	-38	-30	-20	-13	-6	-89	-49	-31	-22	-15	-9	-5	-2	1	47
25W	-72	-62	-49	-40	-32	-22	-13	-6	-92	-48	-31	-22	-16	-9	-5	-2	1	54
0W	-80	-65	-50	-40	-32	-22	-14	-9	-86	-48	-31	-21	-15	-10	-5	0	1	58
25E	-84	-66	-51	-40	-33	-22	-12	-6	-84	-46	-29	-21	-15	-9	-4	-1	1	65
50E	-87	-69	-52	-43	-33	-22	-10	-4	-84	-46	-30	-21	-13	-9	-4	0	1	70
75E	-90	-72	-54	-44	-44	-23	-13	-6	-74	-42	-29	-20	-15	-8	-4	-1	1	79
100E	-90	-72	-54	-43	-33	-22	-11	-5	-69	-39	-26	-20	-14	-10	-4	0	1	89
125E	-91	-72	-54	-43	-33	-21	-13	-7	-64	-39	-26	-19	-13	-8	-4	0	1	99
150E	-80	-66	-52	-42	-33	-21	-11	-5	-44	-31	-22	-15	-10	-7	-3	0	98	1
175E	-73	-59	-45	-36	-29	-20	-11	-6	-46	-28	-19	-13	-8	-4	-2	0	86	1
200E	-52	-46	-36	-29	-22	-15	-8	-4	-25	-19	-15	-11	-8	-5	-3	-1	78	1
225E	-43	-38	-30	-23	-18	-12	-6	-3	-22	-17	-13	-9	-6	-4	-2	-1	67	1
250E	-39	-34	-26	-20	-15	-10	-6	-3	-22	-14	-10	-7	-5	-3	-2	-1	56	1
275E	-29	-27	-21	-16	-13	-8	-4	-2	-14	-9	-7	-5	-4	-2	-1	-1	44	1
300E	-16	-14	-12	-10	-8	-5	-3	-1	-6	-5	-4	-3	-2	-1	-1	0	27	1
325E	-11	-10	-8	-6	-5	-3	-2	0	-4	-3	-2	-2	-1	-1	0	1	18	1

Line 300S , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 12/7/85

575W	1	-16	-22	-22	-20	-16	-10	-6	-51	-41	-31	-23	-16	-9	-6	-2	1	13
550W	-2	-19	-23	-23	-21	-17	-11	-7	-49	-40	-30	-23	-16	-10	-6	-1	1	13
525W	-5	-20	-23	-23	-22	-18	-11	-7	-49	-38	-29	-23	-16	-9	-5	-1	1	16
500W	-7	-19	-23	-22	-21	-17	-10	-7	-50	-38	-29	-21	-15	-10	-6	-3	1	14
475W	-1	-22	-25	-25	-23	-18	-11	-7	-59	-44	-31	-23	-15	-8	-4	-2	1	15
450W	-2	-22	-26	-25	-23	-18	-11	-6	-60	-45	-32	-23	-16	-9	-4	-2	1	16
425W	-9	-23	-25	-24	-23	-20	-13	-7	-53	-41	-30	-23	-16	-10	-5	-2	1	16
400W	-9	-23	-25	-24	-22	-17	-10	-6	-60	-43	-31	-23	-16	-10	-5	-2	1	19
375W	-10	-26	-29	-28	-24	-19	-11	-6	-63	-43	-32	-23	-17	-11	-5	-1	1	19
350W	-11	-27	-30	-28	-24	-18	-11	-8	-71	-49	-32	-23	-16	-10	-5	-1	1	21
325W	-13	-27	-28	-27	-22	-15	-10	-7	-76	-50	-33	-25	-17	-12	-7	-4	1	23
300W	-14	-31	-32	-30	-25	-19	-10	-6	-84	-54	-36	-26	-17	-10	-5	-3	1	22
275W	-22	-32	-32	-30	-25	-19	-12	-8	-72	-48	-33	-24	-16	-12	-8	-4	1	26
250W	-23	-35	-34	-33	-27	-20	-12	-7	-82	-51	-33	-24	-17	-11	-5	0	1	29
225W	-34	-41	-38	-33	-27	-19	-11	-7	-86	-52	-34	-25	-18	-10	-6	-1	1	29
200W	-32	-40	-38	-33	-27	-19	-12	-8	-86	-51	-32	-22	-15	-9	-5	0	1	33
175W	-36	-43	-41	-35	-29	-21	-1	-7	-91	-53	-34	-24	-16	-11	-6	-3	1	34
150W	-38	-42	-42	-35	-28	-20	-12	-7	-94	-53	-34	-23	-16	-10	-6	-3	1	38
125W	-36	-45	-42	-36	-29	-20	-11	-6	-101	-55	-35	-23	-16	-11	-6	-1	1	41
100W	-54	-53	-45	-37	-29	-19	-11	-6	-125	-66	-39	-25	-16	-7	-3	0	1	44
75W	-59	-55	-48	-42	-34	-25	-15	-7	-94	-55	-36	-26	-17	-9	-5	-2	1	43
50W	-63	-56	-44	-36	-28	-19	-12	-6	-81	-46	-30	-21	-14	-9	-6	-4	1	48
25W	-71	-60	-47	-39	-30	-21	-13	-6	-89	-50	-32	-23	-15	-9	-5	-2	1	51
0W	-76	-62	-48	-39	-31	-19	-11	-6	-81	-46	-31	-21	-15	-9	-4	-2	1	56

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	GN	NF
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Line 400S , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 12/7/85

600W	-5	-15	-20	-19	-18	-15	-10	-7	-35	-32	-26	-21	-14	-9	-6	-3	1	10
575W	2	-14	-19	-19	-18	-14	-11	-6	-47	-38	-29	-21	-15	-10	-6	-3	1	13
550W	-6	-16	-20	-20	-19	-16	-10	-6	-37	-31	-25	-20	-15	-10	-6	-2	1	13
525W	-5	-17	-21	-20	-19	-16	-10	-7	-44	-36	-28	-21	-16	-11	-5	-3	1	14
500W	-8	-20	-23	-22	-21	-17	-10	-7	-43	-34	-26	-21	-15	-9	-4	-3	1	14
475W	-9	-20	-23	-22	-21	-16	-10	-5	-42	-34	-27	-21	-15	-8	-5	-1	1	14
450W	-4	-21	-24	-23	-22	-18	-11	-7	-53	-41	-30	-23	-16	-10	-5	-3	1	15
425W	-5	-21	-24	-24	-23	-18	-10	-7	-61	-45	-32	-23	-16	-10	-5	-2	1	19
400W	-2	-22	-25	-24	-21	-17	-10	-6	-67	-47	-33	-25	-16	-10	-6	-3	1	19
375W	-9	-23	-26	-25	-23	-18	-12	-7	-57	-42	-30	-22	-15	-9	-4	-2	1	18
350W	-9	-24	-26	-25	-23	-17	-10	-5	-65	-47	-33	-24	-16	-9	-4	-2	1	18
325W	-13	-24	-26	-25	-23	-19	-11	-6	-63	-44	-32	-23	-16	-9	-4	-2	1	19
275W	-18	-30	-30	-28	-22	-16	-10	-5	-75	-49	-33	-23	-16	-9	-4	-2	1	24
250W	-21	-31	-31	-29	-23	-17	-11	-6	-71	-47	-31	-22	-15	-9	-5	-2	1	26
225W	-24	-31	-30	-29	-23	-16	-10	-6	-70	-46	-31	-22	-15	-10	-5	-1	1	25
200W	-30	-33	-32	-30	-24	-17	-11	-6	-62	-41	-30	-23	-15	-8	-5	-2	1	27
175W	-34	-36	-34	-32	-26	-19	-13	-6	-64	-42	-28	-20	-14	-8	-5	-1	1	24
150W	-35	-37	-36	-31	-25	-18	-10	-6	-73	-46	-31	-23	-16	-9	-4	-1	1	31
125W	-41	-41	-38	-33	-28	-19	-11	-5	-71	-45	-31	-21	-15	-8	-3	-1	1	32
100W	-47	-45	-41	-34	-27	-19	-11	-7	-76	-48	-32	-23	-15	-8	-4	0	1	35
75W	-53	-49	-40	-33	-25	-18	-10	-5	-78	-50	-33	-23	-16	-9	-4	-1	1	36
50W	-58	-51	-41	-34	-26	-17	-9	-5	-70	-46	-31	-23	-15	-8	-5	-2	1	36
25W	-56	-52	-43	-35	-28	-19	-10	-6	-67	-45	-31	-22	-15	-9	-4	-1	1	37
0W	-58	-50	-39	-32	-24	-17	-11	-6	-68	-40	-27	-19	-14	-7	-3	-1	1	46
25E	-69	-58	-46	-37	-28	-20	-11	-7	-73	-44	-29	-20	-14	-9	-5	0	1	52
50E	-72	-60	-47	-37	-30	-19	-11	-5	-65	-40	-28	-20	-14	-9	-4	-1	1	56
75E	-71	-59	-47	-37	-29	-19	-11	-6	-53	-34	-23	-16	-11	-6	-2	0	1	58
100E	-60	-54	-45	-38	-29	-21	-11	-5	-39	-29	-22	-16	-11	-6	-3	-1	1	50

Line 500S , Loop G cornered at 350N ,600N ,450E and 950E . Surveyed on 12/7/85

100E	-93	-74	-56	-43	-32	-22	-13	-7	-90	-54	-36	-23	-15	-10	-4	-2	1	92
75E	-90	-72	-54	-43	-32	-21	-12	-7	-89	-54	-36	-24	-17	-12	-5	-3	1	81
50E	-87	-70	-53	-42	-31	-21	-13	-7	-99	-58	-38	-25	-16	-10	-5	-2	1	72
25E	-80	-66	-50	-39	-29	-19	-11	-7	-99	-58	-38	-25	-17	-11	-5	-1	1	65
0W	-78	-64	-50	-39	-30	-20	-12	-7	-92	-54	-33	-22	-15	-11	-6	-2	1	58
25W	-70	-62	-49	-39	-30	-20	-12	-7	-110	-63	-39	-26	-15	-9	-4	-1	1	57
50W	-64	-60	-49	-40	-29	-20	-9	-2	-120	-68	-41	-27	-16	-12	-5	-2	1	55
75W	-52	-53	-46	-37	-29	-20	-12	-8	-120	-72	-45	-29	-20	-12	-6	-1	1	50
100W	-48	-50	-44	-37	-29	-19	-12	-8	-113	-68	-42	-28	-18	-11	-7	-2	1	47

Line 550S , Loop G cornered at 350N ,600N ,450E and 950E . Surveyed on 12/7/85

0W	-72	-60	-46	-37	-29	-20	-10	-6	-108	-59	-35	-24	-16	-9	-5	0	1	52
25W	-57	-55	-44	-36	-29	-19	-12	-7	-120	-68	-40	-27	-18	-10	-5	-1	1	47
50W	-49	-49	-43	-35	-27	-18	-10	-5	-115	-64	-38	-25	-16	-8	-4	-2	1	44
75W	-37	-43	-40	-34	-27	-18	-10	-4	-113	-65	-39	-24	-14	-6	-2	-1	1	40
100W	-33	-40	-38	-33	-25	-19	-12	-7	-102	-57	-34	-21	-14	-7	-2	1	37	

Line 600S , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 12/7/85

200W	-14	-26	-27	-26	-23	-18	-12	-7	-79	-51	-33	-23	-15	-9	-5	-2	1	25
175W	-14	-29	-29	-28	-23	-16	-10	-7	-93	-58	-35	-25	-14	-9	-4	-1	1	30

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	GN	NF
150W	-16	-31	-31	-29	-23	-16	-11	-5	-97	-57	-35	-24	-16	-10	-5	-2	1	32
125W	-20	-33	-33	-30	-24	-16	-11	-6	-110	-65	-40	-27	-17	-10	-6	-2	1	33
100W	-27	-36	-35	-33	-26	-19	-11	-5	-112	-64	-38	-24	-16	-10	-4	-1	1	30
75W	-36	-42	-39	-34	-28	-19	-12	-7	-115	-64	-37	-25	-17	-10	-4	-2	1	45
50W	-46	-47	-43	-35	-28	-19	-12	-7	-125	-69	-38	-24	-15	-7	-3	-1	1	44
25W	-63	-53	-44	-36	-29	-20	-13	-7	-130	-70	-41	-26	-17	-9	-4	0	1	47
0W	-71	-60	-46	-38	-30	-20	-11	-6	-115	-62	-36	-23	-15	-8	-4	0	1	50
25E	-81	-64	-47	-37	-29	-19	-11	-7	-107	-59	-33	-21	-12	-6	-3	-1	1	53
50E	-86	-65	-48	-38	-30	-19	-11	-5	-91	-54	-34	-23	-15	-7	-4	-2	1	57
75E	-93	-72	-52	-40	-31	-20	-10	-5	-94	-54	-35	-23	-15	-9	-4	0	1	66
100E	-95	-73	-53	-42	-33	-21	-12	-7	-76	-47	-32	-22	-15	-8	-4	-1	1	69
125E	-101	-79	-56	-43	-32	-21	-11	-6	-73	-46	-31	-21	-14	-7	-3	-2	1	82
150E	-96	-75	-54	-43	-31	-20	-11	-6	-59	-39	-26	-19	-12	-9	-2	0	1	90

Line 650S , Loop G cornered at 350N ,600S ,450E and 950E . Surveyed on 12/7/85

100E	-107	-82	-58	-44	-32	-22	-12	-8	-86	-54	-37	-26	-16	-10	-4	-1	1	82
75E	-107	-78	-54	-42	-30	-18	-9	-1	-103	-62	-41	-27	-17	-9	-4	-2	1	72
50E	-103	-78	-55	-42	-32	-19	-12	-8	-109	-65	-40	-26	-17	-10	-5	-3	1	65
25E	-93	-72	-52	-41	-30	-21	-12	-8	-112	-68	-42	-27	-17	-9	-3	-3	1	60
0W	-95	-74	-53	-41	-30	-21	-13	-9	-120	-70	-43	-27	-18	-10	-4	0	1	54

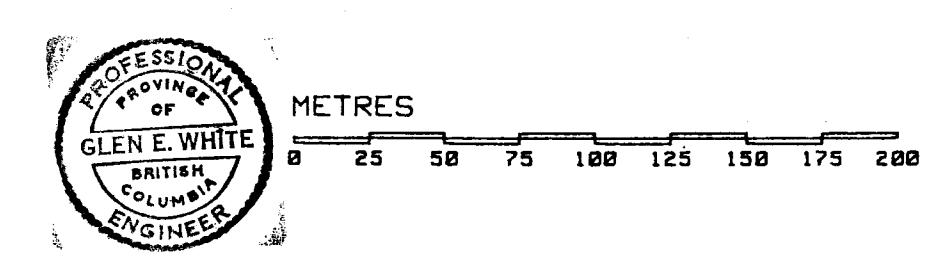
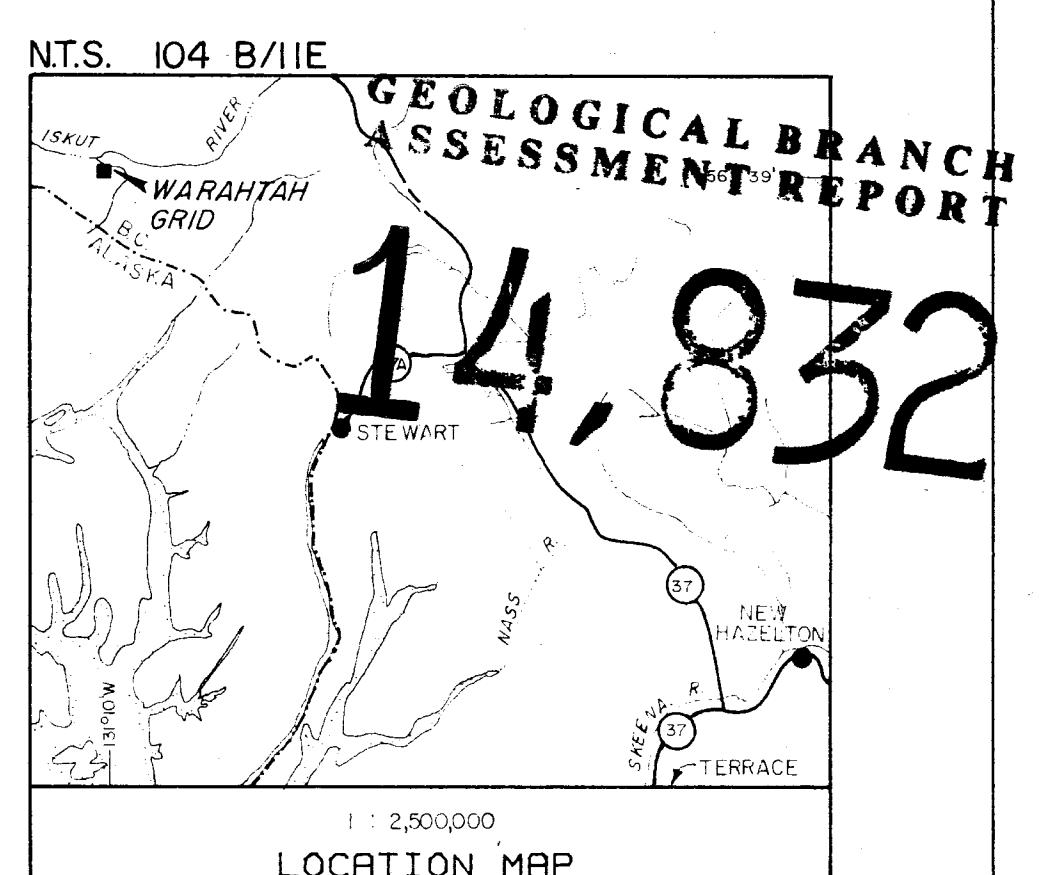
A total of 218 stations were occupied, some 5.4 kilometres of line coverage on 11 lines.



KEY

- Fraser Filtered Vertical (Hz) Component, Channel 2: —●—
- Fraser Filtered Vertical (Hz) Component, Channel 4: —+—
- Fraser Filtered Vertical (Hz) Component, Channel 6: —→—
- Fraser Filter Window: 75 Metres
- Conductor axis: ———, —■—
- Road: ———
- Claim Post: ■
- Claim Line: ———

0
50
100
150
200
250
300



INSTRUMENT: CRONE P.E.M.

To accompany Geophysical Report on the REG PROJECT