

'81-1062-9912

Geophysical Report  
on a

Pulse Electromagnetometer Survey  
on behalf of

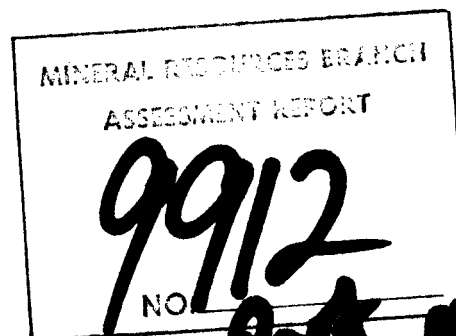
Cordilleran Engineering Ltd.  
Midway Property

Way, Bull, Climax & Post Mineral Claims  
Rancheria Area, Liard M.D., B.C.  
NTS 1040, Lat. 60°00N, Long. 130°15'N

AUTHOR: Glen E. White, B.Sc., P.Eng.,  
Geophysicist

DATE OF WORK: Sept. 15-25/81

DATE OF REPORT: Oct. 28/81



*Glen E. White*

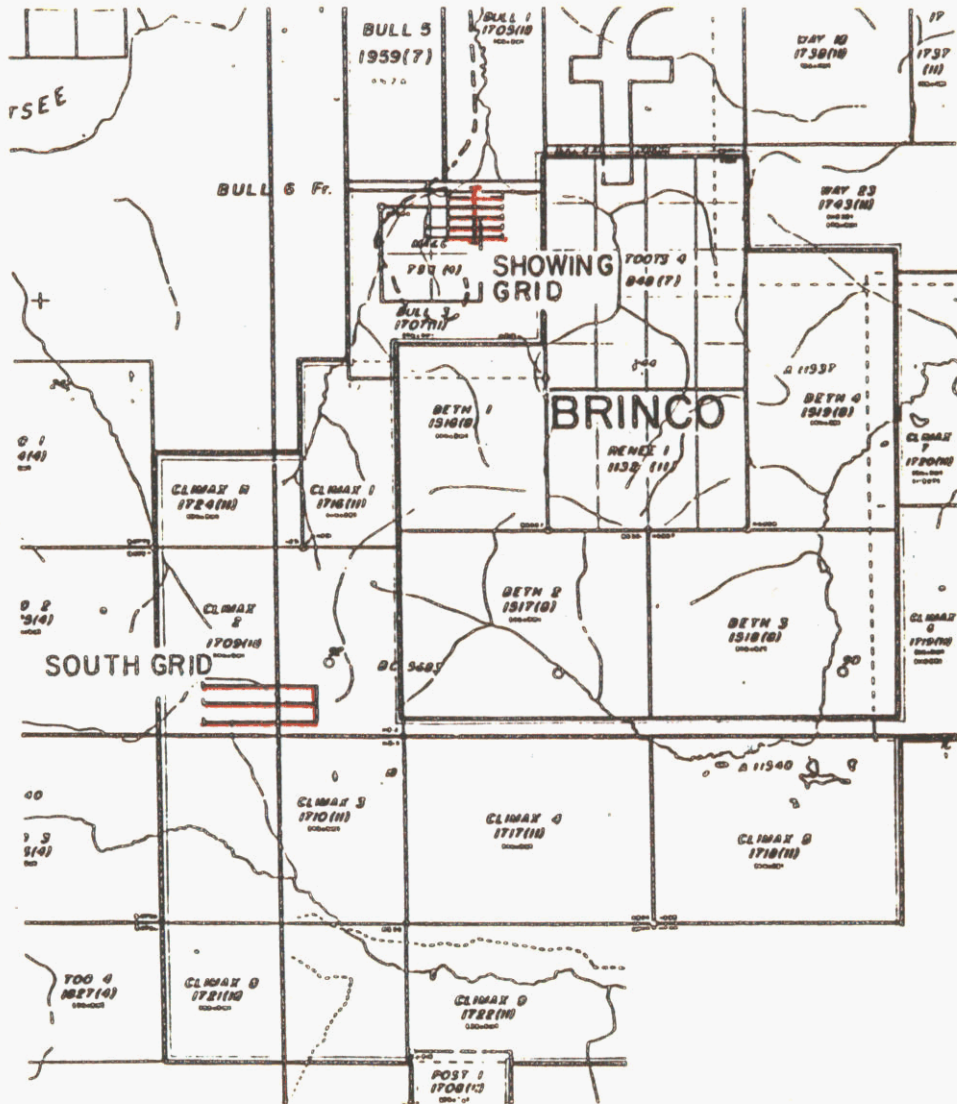
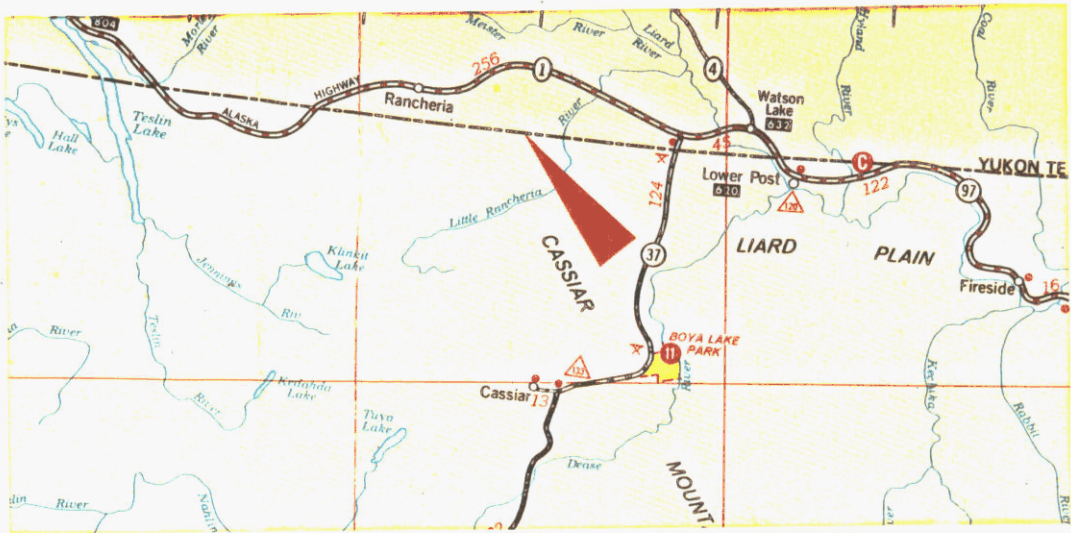
GEOPHYSICAL CONSULTING & SERVICES LTD.

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**CORDILLERAN ENGINEERING LTD.  
MIDWAY PROPERTY  
LOCATION AND CLAIMS MAP**

*Glen E. White  
geophysical consulting  
&  
services Ltd.*

## INTRODUCTION

This report describes a pulse time domain electromagnetometer survey which was conducted over two areas of interest on the Midway property on behalf of Cordilleran Engineering Ltd. The two areas of interest have been designated the south grid and the showing grid. The work was completed during the period Sept. 15 to 25, 1981 by Glen E. White Geophysical Consulting & Services Ltd.

## PROPERTY

<u>CLAIM</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Way 1-5	1684-1688	Oct. 20/81
Way 6-23	1726-1743	Nov. 26/81
Bull 1-3	1705-1707	Nov. 12/81
Bull 4Fr.	1725	Nov. 26/81
Bull 5	1959	July 21/82
Climax 1	1716	Nov. 26/81
Climax 2&3	1709,1710	Nov. 12/81
Climax 4-11	1717-1724	Nov. 26/81
Post 1	1708	Nov. 12/81

## LOCATION AND ACCESS

The mineral claims are located 90 km west of Watson Lake Yukon, Lat. 60°00'N Long. 130°15'W N.T.S. 104 O, Laird M.D., B.C.

Access to the property is via unimproved roads south across the Rancheria River near Mile 706 on the Alaska Highway.

### GENERAL GEOLOGY

The property is underlain by Mississippian argillites, sandstones and coarse clastics of the Lower Sylvester Formation, which lie stratigraphically between McDame Formation carbonates and Upper Sylvester Formation volcanic rocks. Siliceous, pyritic and baritic exhalites, thought to be distal equivalents to Pb-Zn-Ag-Ba mineralization occur within the argillites. One stratiform galena-sphalerite-pyrite showing has been identified on the Bull 3 claim (B.C.).

The Lower Sylvester Formation rocks strike northwest and occupy the central part of a broad northwesterly trending syncline. Stratigraphy dips at  $10^{\circ}$  to  $30^{\circ}$  northeast and southwest toward the center of the structure. Numerous high angle faults cut stratigraphy, with vertical displacements up to several hundred metres.

The showing area grid is underlain by interbedded carbonaceous, siliceous argillite and massive to well laminated sandstone which strike generally north-south, and dip  $20^{\circ}$  to  $30^{\circ}$  to the east. Numerous steep dipping faults cut the stratigraphy.

Three stratiform pyrite-sphalerite-galena horizons are present in the grid area, associated with the highly carbonaceous argillite. The Discovery showing is a 1 to 2 metre thick horizon exposed in a trench over a strike length of 115 metres, and is composed of 5-10% sphalerite and galena, plus 5% to 70% fine to coarsely crystalline pyrite in a siliceous matrix. A second zone lies 30 metres stratigraphically above this trench, and a third along the upper contact of the McDame limestone. Overburden depth varies from 7 to 13 metres.

The south grid covers an area of anomalous lead, zinc, silver and barium soil geochemistry, at the same stratigraphic position as the Discovery showing. The grid is underlain by siliceous, carbonaceous argillite and massive to laminated sandstone, which strike at  $150^{\circ}$  and dip  $20^{\circ}$  to  $30^{\circ}$  to the northeast. Two baritic, siliceous exhalite horizons occur within the argillites. Overburden consists mainly of coarse talus and is generally less than 13 metres thick.

#### PULSE ELECTROMAGNETOMETER SURVEY

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

The primary field for the fixed source VPEM technique is obtained from a surface loop of 150 metres per side which is energized by a current pulse of some 20 amps on a time base of 10.8 or 21.6 ms. The former of these was utilized in the surveys discussed herein. The resulting secondary field is temporally sampled at eight windows on the decay curve, and spatially sampled in both vertical and horizontal components during a traverse of the area of interest. The convention of vertical component positive up and horizontal positive away from the loop applies. The 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. Conductor attitude and depth information are obtained from model curves. The time derivative of the secondary field is sampled during primary field off time,

thus the method is relatively free from geometrical restrictions.

The primary field information is recorded at each occupied station. This allows data plotting under two methods of normalization. Normalization with respect to instrument gain produces a constant gain plot in which the symmetry of an ideal dyke-like conductor response is preserved. The second method is intended to accommodate the rapid primary field strength reduction (approximately inverse cube) with increasing distance from the transmitter loop. The data is normalized with respect to the primary field strength at each station thus reducing the de-emphasis of conductors present in the far primary field. This method, which distorts the anomaly shape somewhat, finds application in multiple conductor situations.

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

## DISCUSSION OF RESULTS

### SOUTH GRID

This area was covered by the pulse electromagnetometer system in the horizontal loop mode with a separation of 75 m and a read interval of 25 m. Some 3.6 km of work was completed. Figure 2 shows the conductor trends and Figures 3-5 the PEM profiles. The horizontal loop data shows several very strong responses across a wide zone. Within this zone are super conducting areas which give strong responses into the low frequencies of channel 8. Negative

troughs occur on the east side which would suggest a north-east dip.

#### SHOWING GRID

The survey grid was first surveyed in the horizontal loop mode with a separation of 75 m. Some 3.5 km of line was covered. A further 3.5 km testing in the deep penetrating vector mode was completed from large loops A and B. The survey results are illustrated on Figure 6.

The horizontal loop profiles are Figures 7-12. Line 11800N seems to show a number of small conductive lenses from 5188E to 5338E. Conductor 'A' shows a definite south-easterly dip and a much stronger response on line 11700N. On line 11700N the two close responses of 11800N have moved apart. From profile 5250E along the baseline it would appear line 11700N is parallel to a narrow super conductor. The tip of this conductor can be seen at 5313E on Figure 8. The low channel data on Figure 8 from 5263E to 5363E would suggest a flatter conductor response or that the conductor at 5363E changes dip to the west. Figure 9 line 11600N shows conductor A as a super conductor; a small response occurs at 5188E which has been labelled conductor B. The response from 5288E to 5388E suggests a flat conductor at a depth of some 75m. The response on line 11500N shows a dramatic character change which would suggest a NW-SE fault. Conductor A occurs as a flat lense like conductor at depth as shown by the negative responses from channels 5 to 8. Conductor B shows an increase in width and conductivity. There is a very weak response at 5400E which would suggest the creek is a N-S fault. Figure 11 shows a small response at 5113E which is the projection of conductor B.



The negative basin like responses of channels 4-7 indicates a conductor at a depth of or greater than the separation.

The vector pulse data Figures 13-52 illustrate the data as constant gain data at 100% which is showing the relative strength of the secondary fields away from the loop. The normalized data corrects the secondary field to the decreasing strength of the primary field so that each response along the line is relative one to another. The responses from both loops A and B on line 11800N Figures 15, 16, 35 and 36 show very strong secondary fields. The close position of the crossovers on Figures 15 and 35 indicates the nose of a possible fold. Figure 19 the vertical component from loop A, line 11700N shows a strong channel 1 to 3 crossover at conductor A. The crossovers from the remaining channels migrate downdip. The horizontal components show large basin like responses due to the large conductive envelope. Loop B shows a number of inflections on a large crossover commencing from 5350E to 5150E. Figure 23 shows strong crossovers on conductors A and B. Figure 43 shows a conductor at depth at 5350E. This conductor is not seen on lines 11500N or 11400N. Figure 47 from loop B now shows a concentration of electrical energy at 5200 the downdip projection of conductor B. Figure 27 shows a good deep response at 5025E and a strong channel 1 to 8 response at 5200E with loop B. Loop A Figure 31 supports the deep flat like conductor at 5025E. However both loops A and B indicate a major conductor from 5150E to 5200E at a depth of approximately 100m beneath station 5175E.

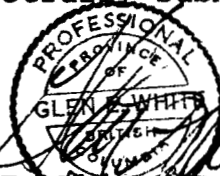
CONCLUSION AND RECOMMENDATIONSSOUTH GRID

The three lines completed indicate a number of very strong conductors within a conductive zone. These conductors are likely graphite with possibly associated sulphide mineralization.

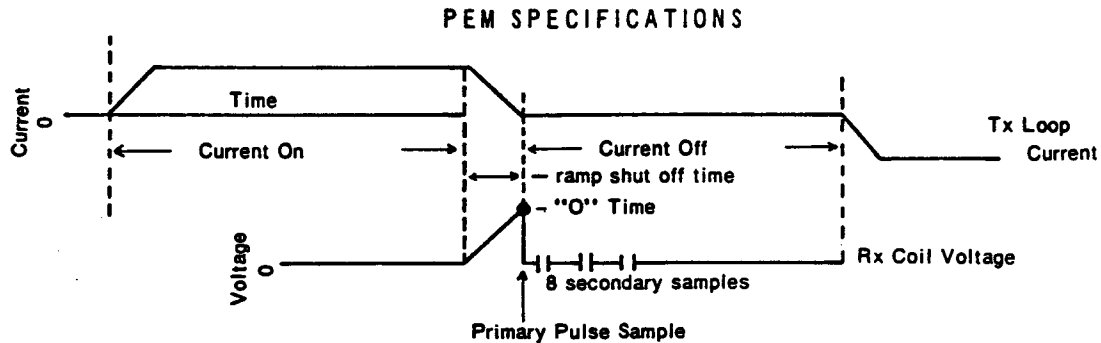
SHOWING GRID

A comprehensive time domain electromagnetic test was completed over this grid in that both the horizontal loop and vector modes were used. Two conductors, A and B, were delineated which have surface traces of massive sulphide mineralization of economic interest. These two conductors appear to increase in dimension at depth on line 11400N at 5025E and 5175E respectively. These should be tested by diamond drilling. The dramatic response of these conductors would suggest the positioning of two more loops to the south to search for them at depth. A further two loops to the northeast would examine the possibility that the conductive envelope has been drag folded and faulted northward.

Respectfully submitted,



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



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.

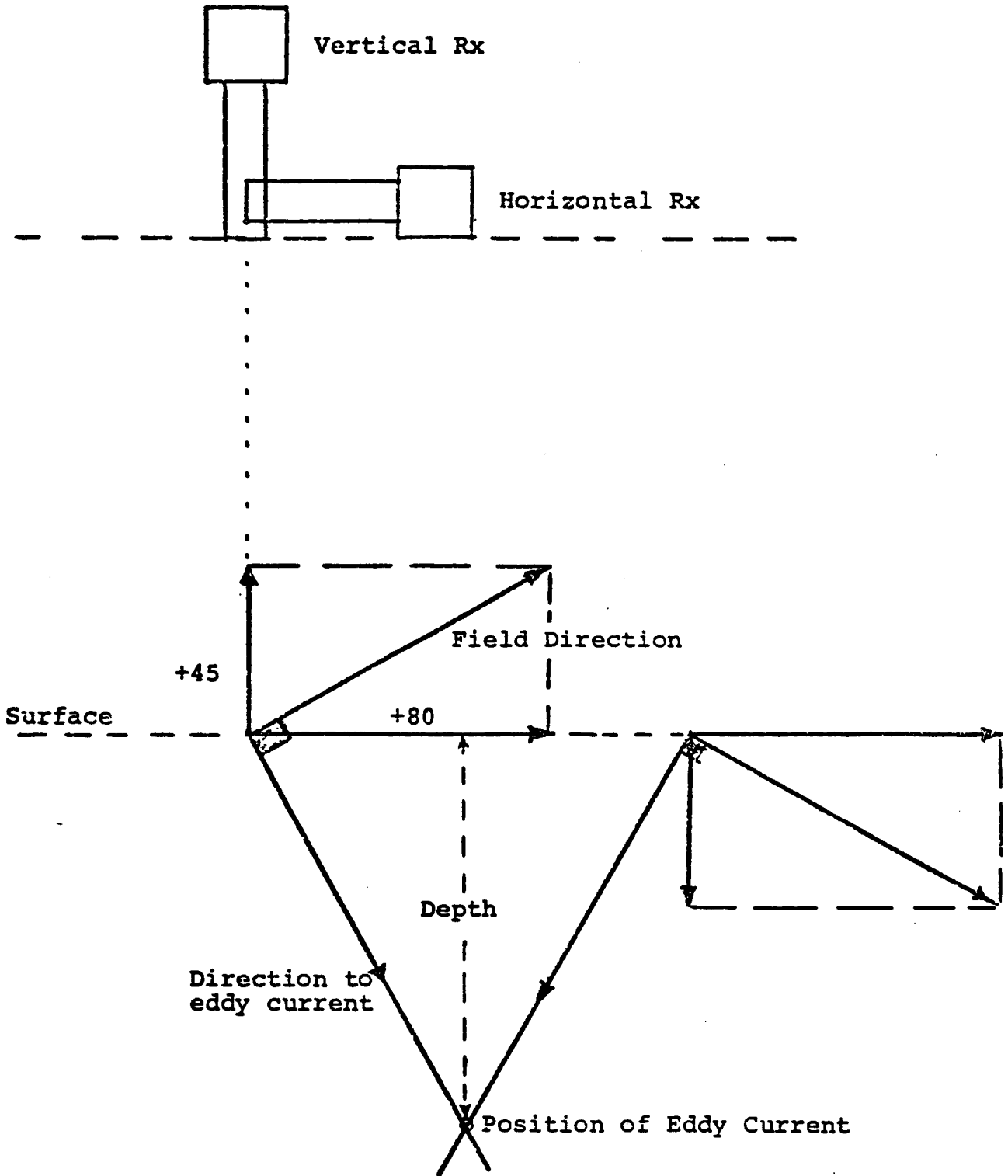
Sample width: 100  $\mu$ s  
 Zero time set at drop off point of primary pulse

**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.

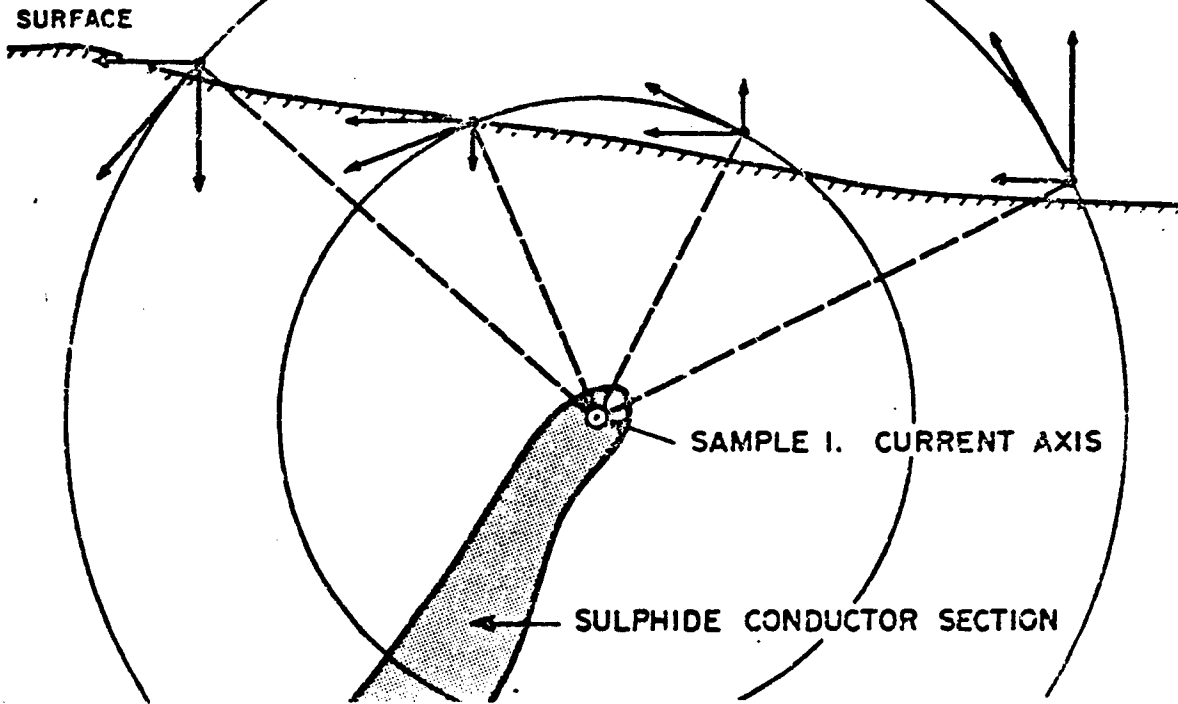
Loop diameter	— minimum 4 meters (13 feet)
Loop current	— 15 to 20 amps
Loop applied voltage	— 24 volts
Loop output	— minimum 4500 amps x meter <sup>2</sup>
Loop weight	— 11.8 kilos (26 lb)
Control unit weight	— 10 kilos (22 lb)
Control unit dimensions	— 20.5cm x 25.5cm x 36.5cm (8" x 10" x 14.5")
Battery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

#### RECEIVER

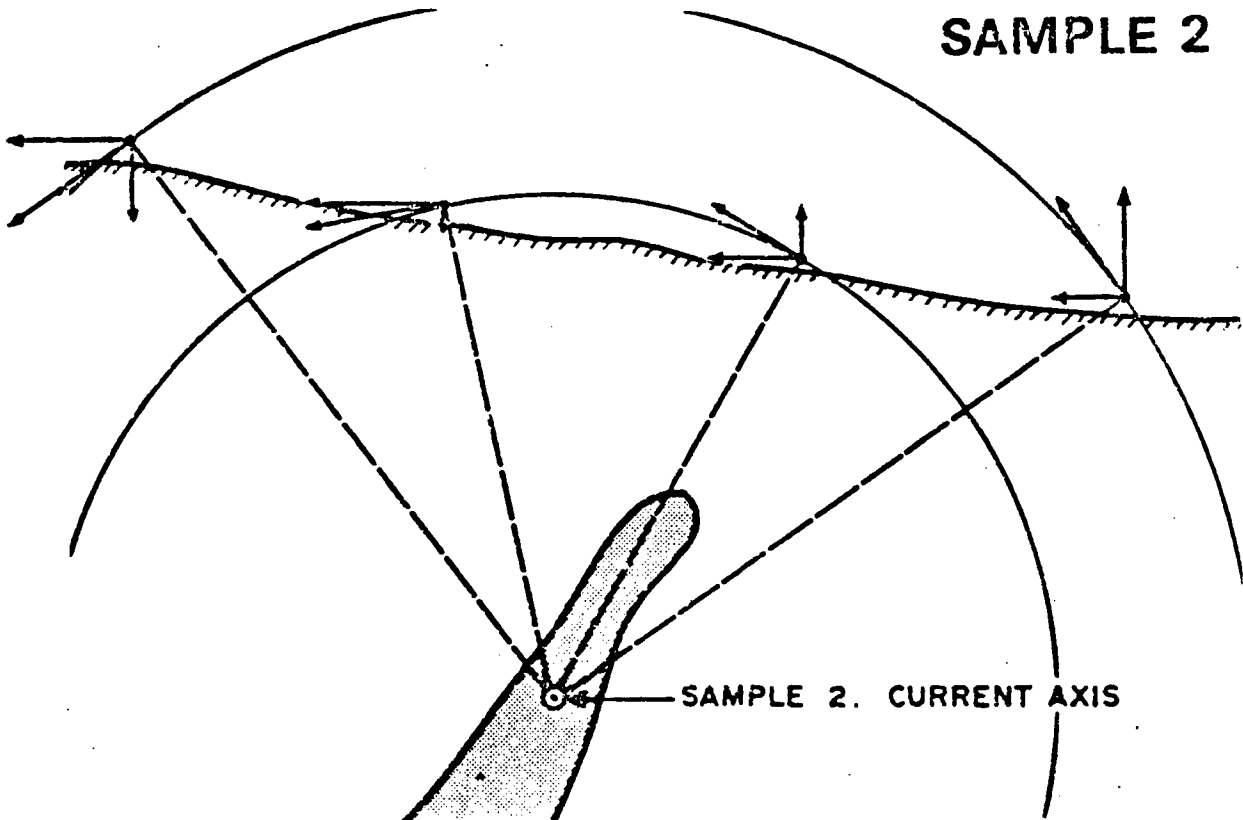
- Receive coil dimensions: 55cm x 15cm (22" x 6")
- Receive coil weight: 4.5 kilos (10 lb)
- Preamplifier in coil
- Preamplifier batteries: 2 of 9 volt
- Receive coil tripod mounted
- Receiver measuring instrument dimensions: 28cm x 18cm x 21.5cm (11" x 7" x 9")
- Receiver measuring instrument weight: 6.3 kilos (14 lb)
- Timing control by radio synchronization
- Primary sample width: 100  $\mu$ 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  $\mu$ 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



### SAMPLE 1



### SAMPLE 2



## Location of the Current Path in the Conductor

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 Explor-  
ation Surveys Ltd.

Eleven years Consulting Geophysicist.

Active experience in all Geologic provinces  
of Canada.

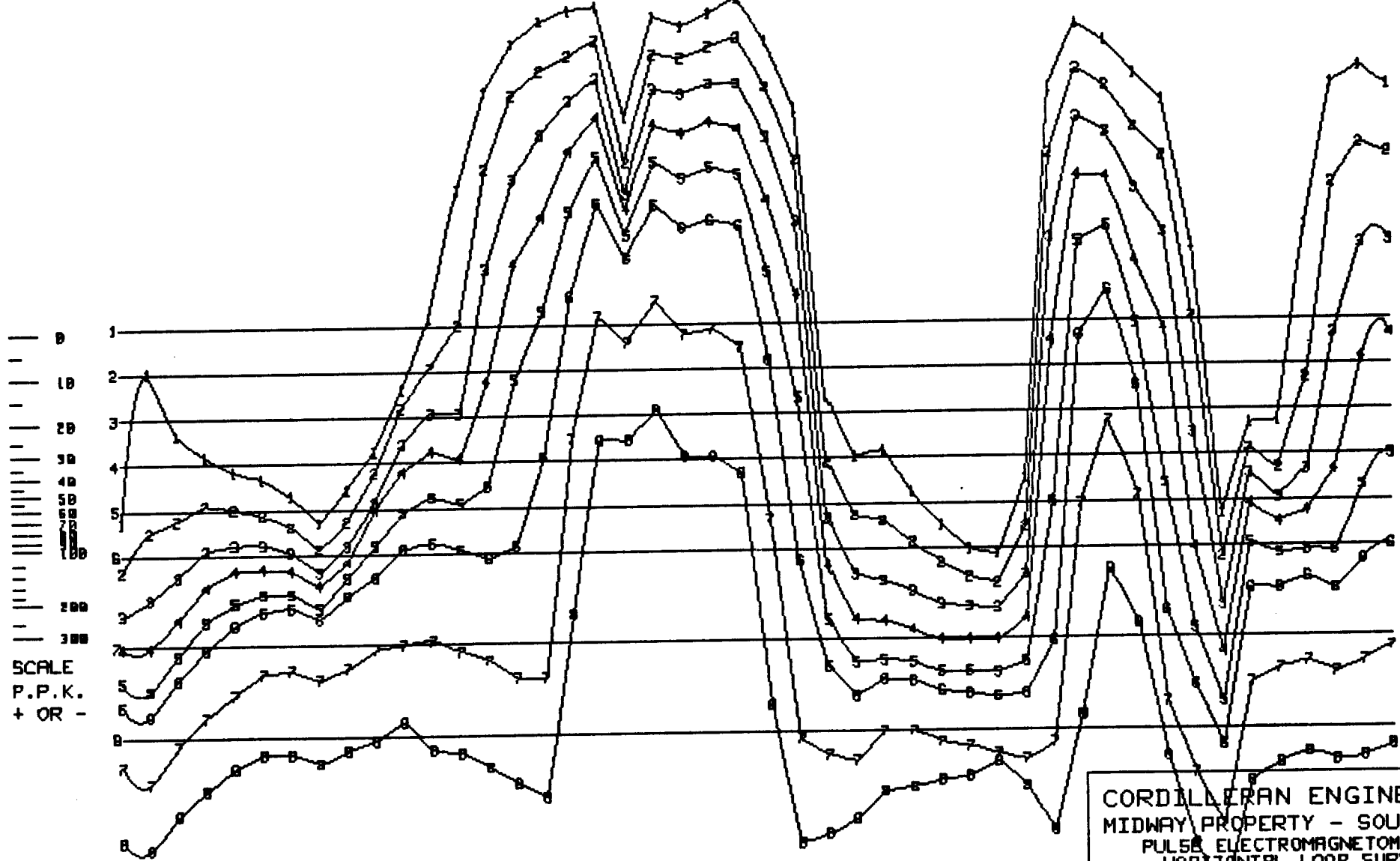
COST BREAKDOWNB.C. - Yukon Projects

<u>PERSONNEL</u>	<u>DATE</u>	<u>WAGES</u>	<u>TOTAL</u>
B. Robertson	Sept. 15-25	\$160.00	\$1,760.00
B. Crassweller	Sept. 15-25	\$112.00	\$1,232.00
T. Purcell	Sept. 15-25	\$112.00	\$1,232.00
Instrument Lease .....			\$1,100.00
Vehicle Rental .....			\$ 667.17
Airfreight .....			\$ 424.99
Airfares .....			\$1,120.50
General Expenses .....			\$ 252.57
Computer Plotting-Horizontal Loop Data .....			\$ 250.00
Computer Plotting-Vector Pulse .....			\$ 250.00
Drafting and Reproduction .....			\$ 485.00
Interpretation and Compilation .....			<u>\$1,000.00</u>
Total .....			\$9,774.23

B.C. 75%      \$7,330.67

Yukon 25%     \$2,443.56

2438E 2463E 2488E 2513E 2538E 2563E 2588E 2613E 2638E 2663E 2688E 2713E 2738E 2763E 2788E 2813E 2838E 2863E 2888E 2913E 2938E 2963E 2988E 3013E 3038E 3063E 3088E 3113E 3138E 3163E 3188E 3213E 3238E 3263E 3288E 3313E 3338E 3363E 3388E 3413E 3438E 3463E 3488E 3513E 3538E 3563E



GLEN E. WHITE  
 GEOPHYSICAL CONSULTING  
 & SERVICES LTD.

SEPARATION: 75 METRES  
 NUMBER IN LINE-CHANNEL NUMBER  
 INSTRUMENT: CRONE P.E.M.



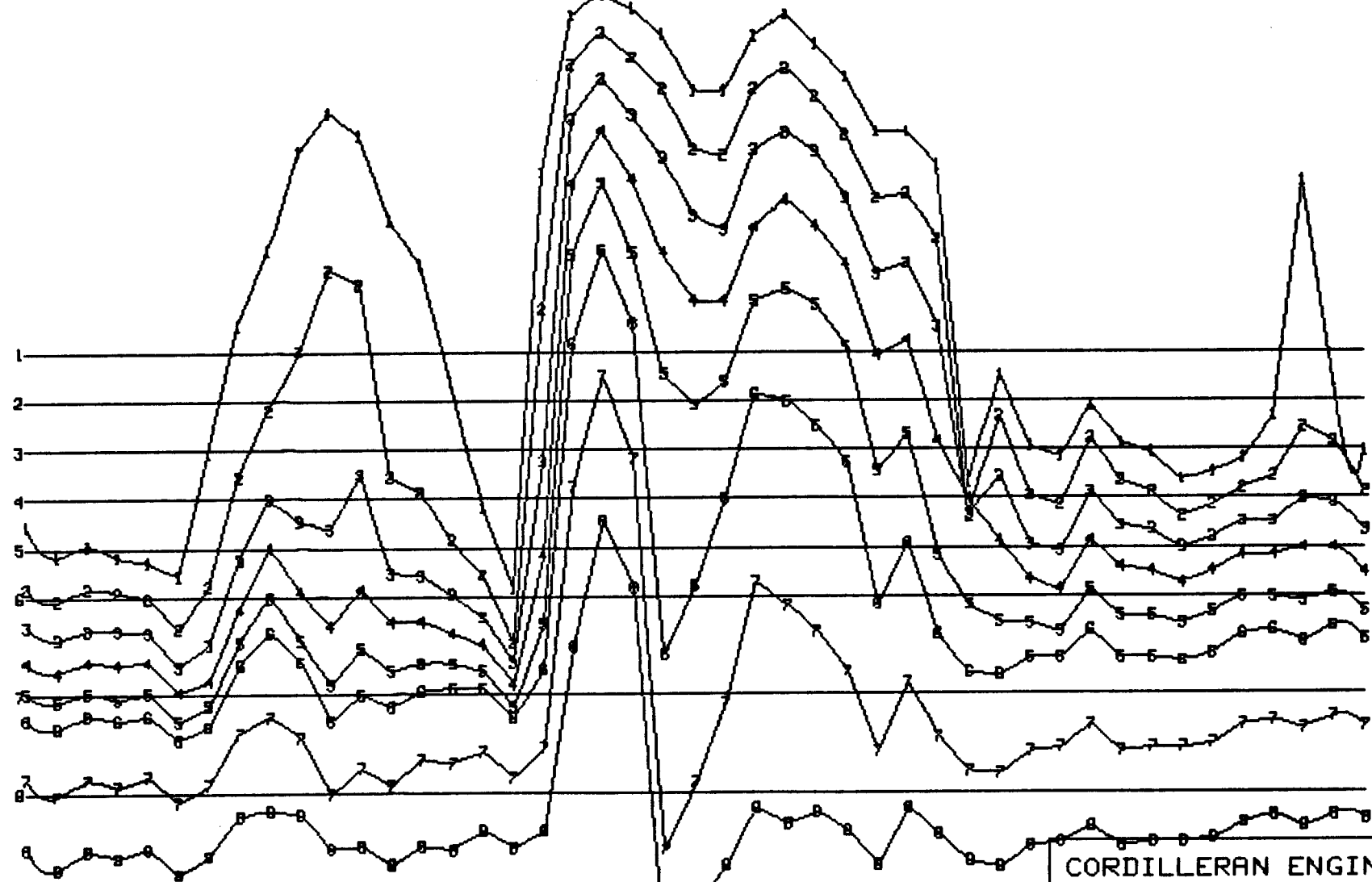
CORDILLERAN ENGINEERING  
 MIDWAY PROPERTY - SOUTH GRID  
 PULSE ELECTROMAGNETOMETER  
 HORIZONTAL LOOP SURVEY  
 6600N

DATE: SEPT/81	FIG.: 3
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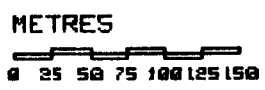


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0  
10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
200  
300  
SCALE  
P.P.K.  
+ OR -



SEPARATION: 75 METRES  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.

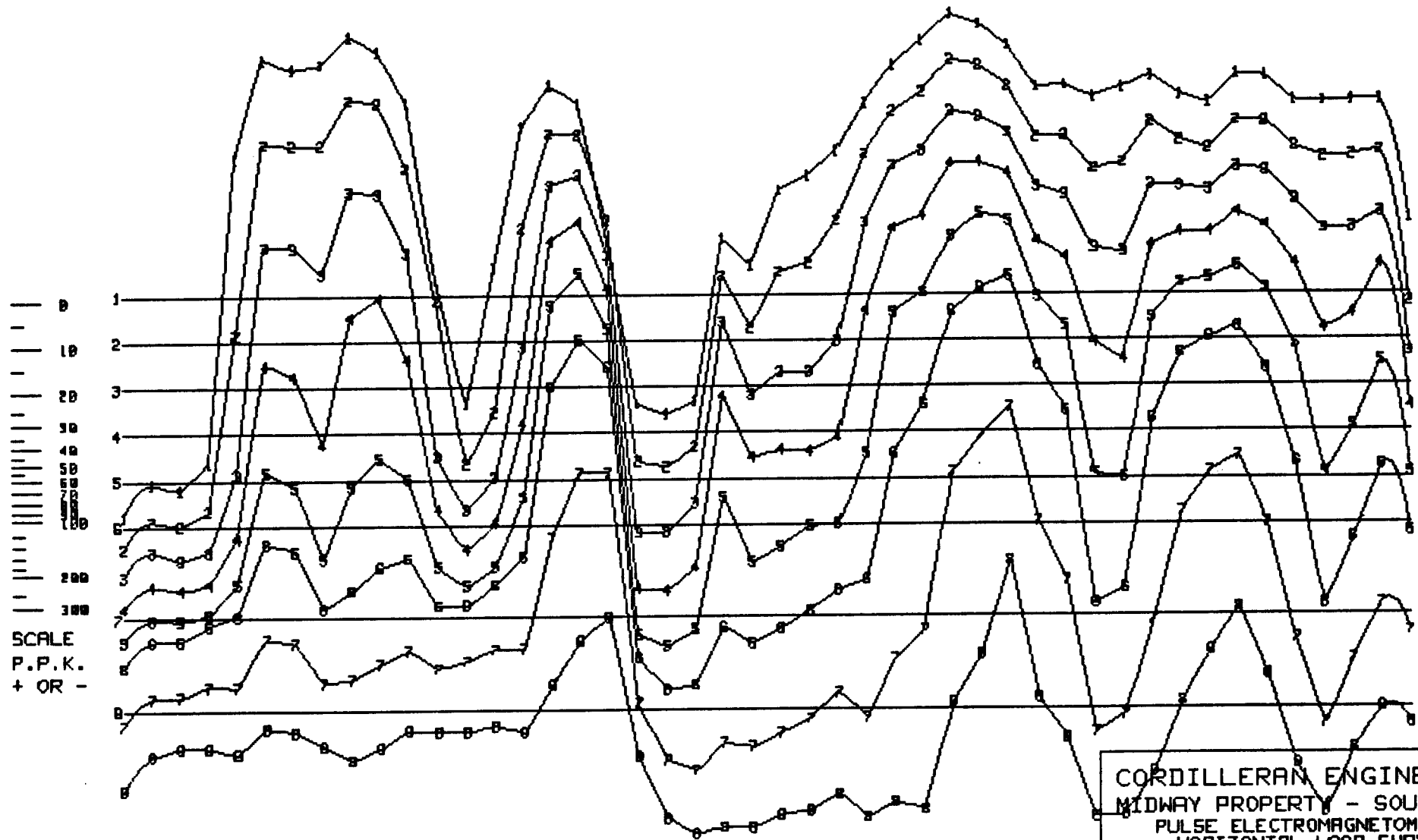


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CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SOUTH GRID  
PULSE ELECTROMAGNETOMETER  
HORIZONTAL LOOP SURVEY  
5400N

DATE: SEPT/81      FIG.: 4

2438E 2463E 2488E 2513E 2538E 2563E 2588E 2613E 2638E 2663E 2688E 2713E 2738E 2763E 2788E 2813E 2838E 2863E 2888E 2913E 2938E 2963E 2988E 3013E 3038E 3063E 3088E 3113E 3138E 3163E 3188E 3213E 3238E 3263E 3288E 3313E 3338E 3363E 3388E 3413E 3438E 3463E 3488E 3513E 3538E 3563E



GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

SEPARATION: 75 METRES  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.

METRES  
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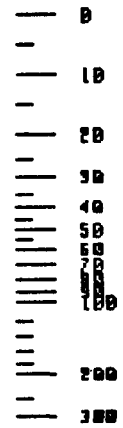
CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SOUTH GRID  
PULSE ELECTROMAGNETOMETER  
HORIZONTAL LOOP SURVEY  
6200N

DATE: SEPT/81

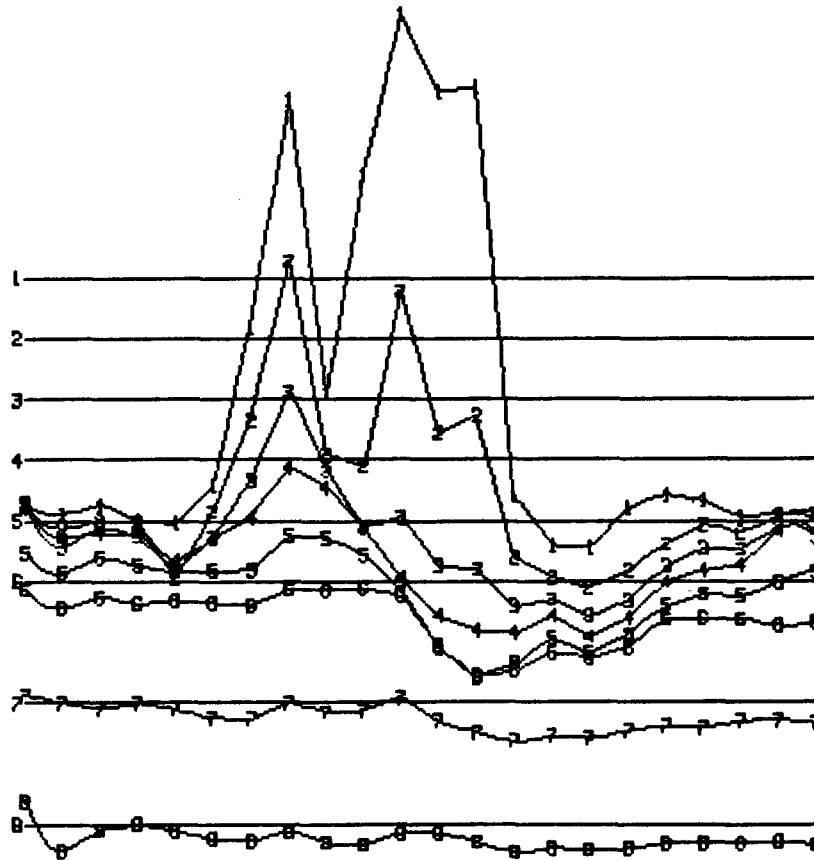
FIG.: 5

5013E 5038E 5063E 5088E 5113E 5138E 5163E 5188E 5213E 5238E 5263E 5288E 5313E 5338E 5363E 5388E 5413E 5438E 5463E 5488E 5513E 5538E

Conductor 'A'



SCALE  
P.P.K.  
+ OR -



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& SERVICES LTD.

SEPARATION: 75 METRES  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
PULSE ELECTROMAGNETOMETER  
HORIZONTAL LOOP SURVEY  
11800N

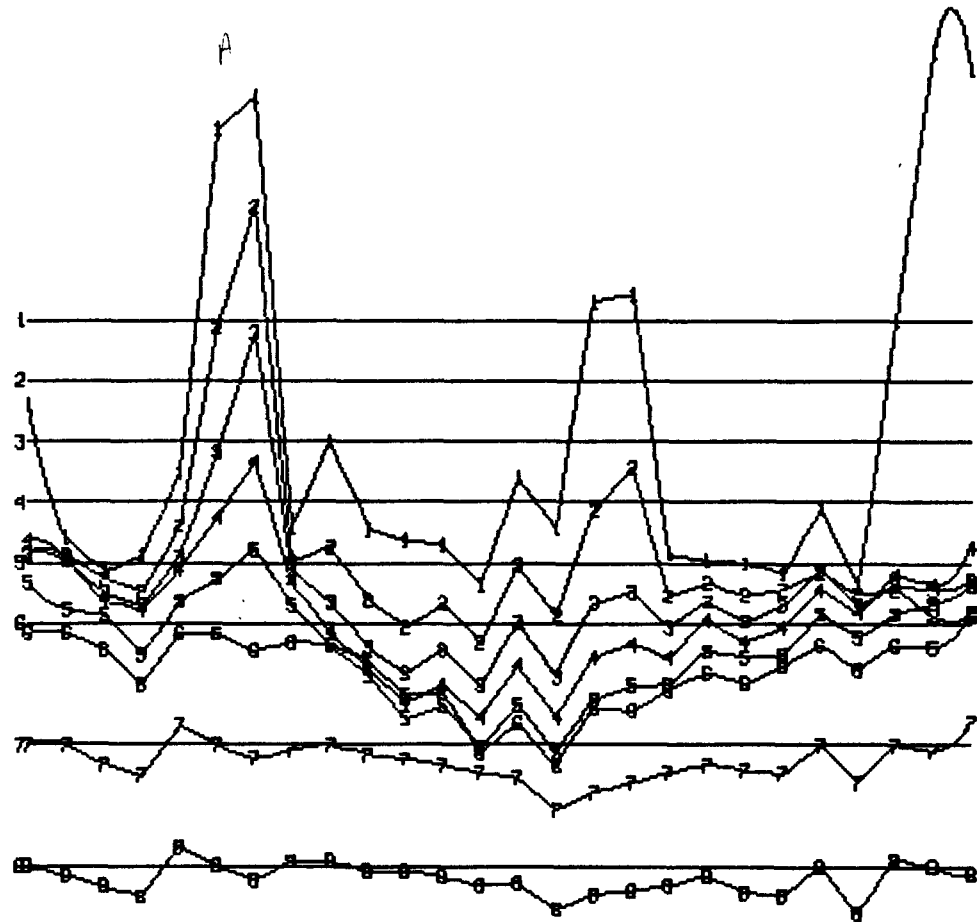
DATE: SEPT/81

FIG.: 7

498E 5013E 5038E 5063E 5088E 5113E 5138E 5163E 5188E 5213E 5238E 5263E 5288E 5313E 5338E 5363E 5388E 5413E 5438E 5463E 5488E 5513E 5538E 5563E 5588E 5613E

Conductor 'A'

0  
10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
200  
300  
SCALE  
P.P.K.  
+ OR -



GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

SEPARATION: 75 METRES  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.



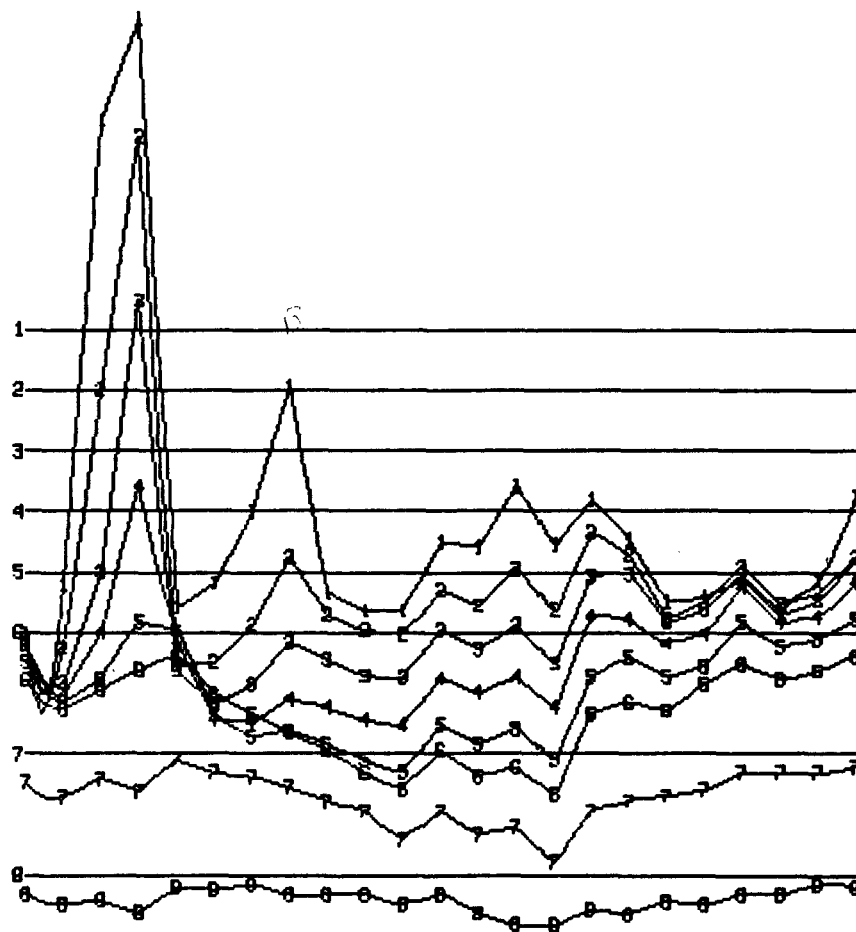
CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
PULSE ELECTROMAGNETOMETER  
HORIZONTAL LOOP SURVEY  
11700N

DATE: SEPT/81      FIG.: 8

5013E 5038E 5063E 5088E 5113E 5138E 5163E 5188E 5213E 5238E 5263E 5288E 5313E 5338E 5363E 5388E 5413E 5438E 5463E 5488E 5513E 5538E 5563E

Conductor 'A'

0  
10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
200  
300  
SCALE  
P.P.K.  
+ OR -



GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

SEPARATION: 75 METRES  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.

METRES  
0 25 50 75 100 125 150

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
PULSE ELECTROMAGNETOMETER  
HORIZONTAL LOOP SURVEY  
11600N

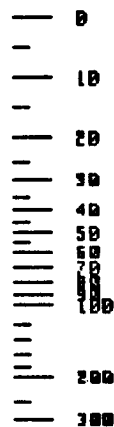
DATE: SEPT/81

FIG.: 9

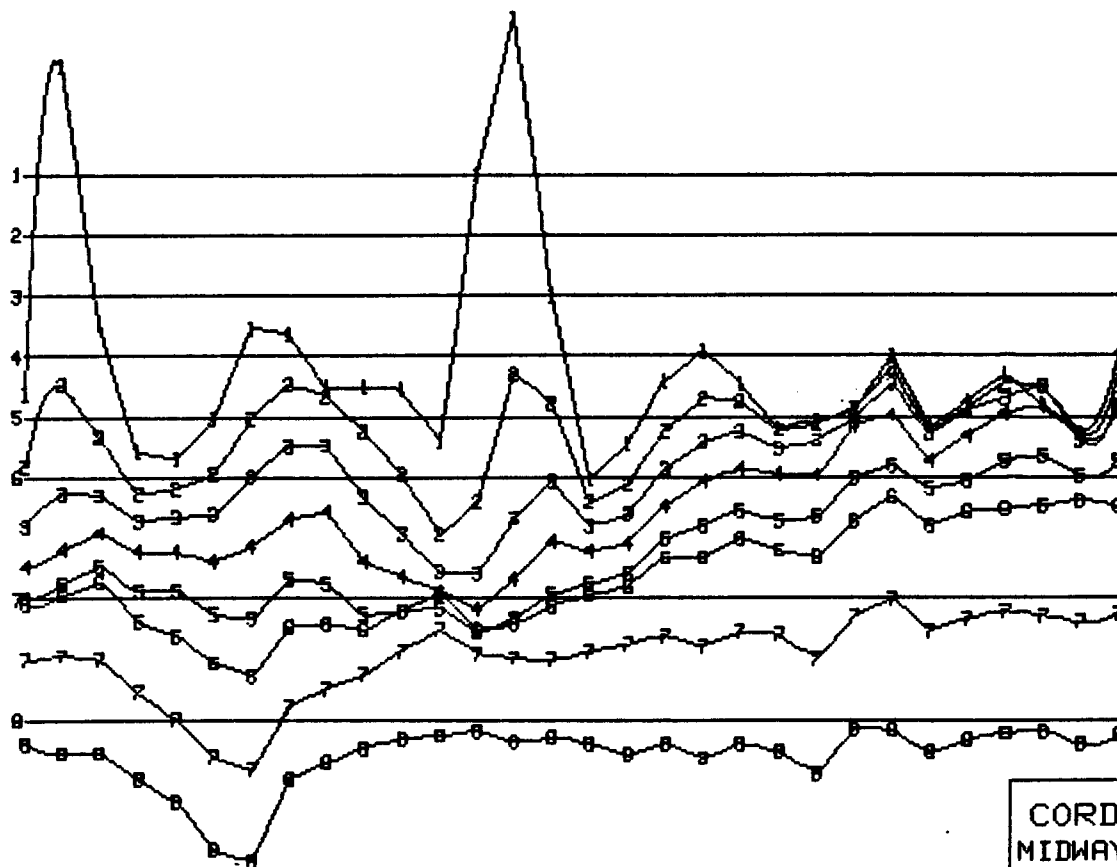
4838E 4863E 4888E 4913E 4938E 4963E 4988E 5013E 5038E 5063E 5088E 5113E 5138E 5163E 5188E 5213E 5238E 5263E 5288E 5313E 5338E 5363E 5388E 5413E 5438E 5463E 5488E 5513E 5538E 5563E

Conductor 'A' |

| Conductor 'B'



SCALE  
P.P.K.  
+ OR -



SEPARATION: 75 METRES  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
PULSE ELECTROMAGNETOMETER  
HORIZONTAL LOOP SURVEY  
11500N

DATE: SEPT/81

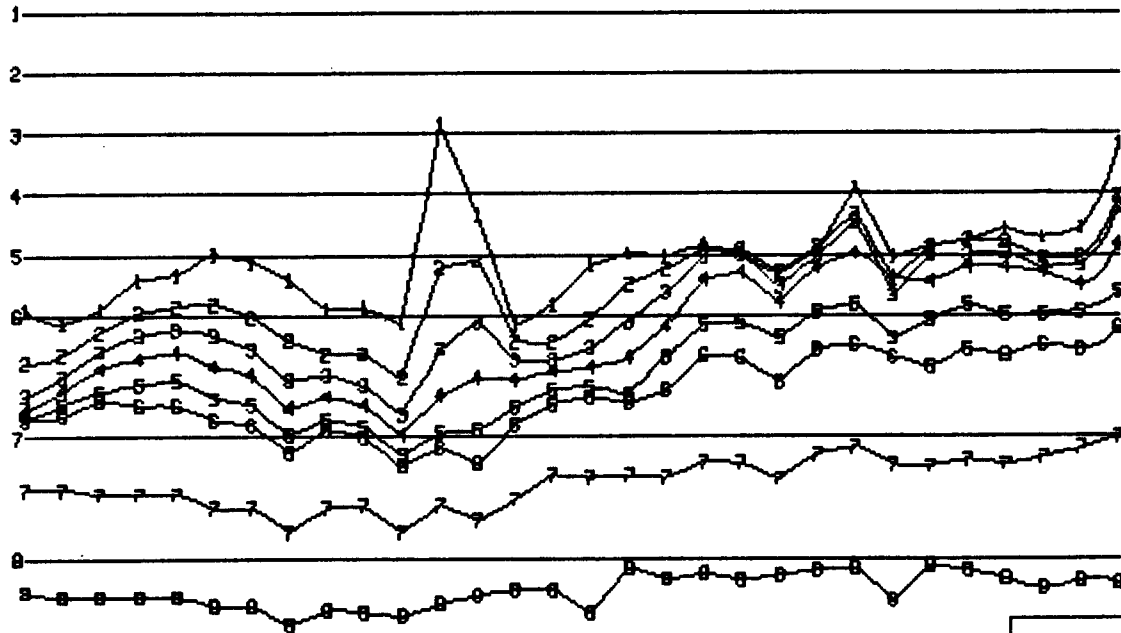
FIG.: 10

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

4838E 4863E 4888E 4913E 4938E 4963E 4988E 5013E 5038E 5063E 5088E 5113E 5138E 5163E 5188E 5213E 5238E 5263E 5288E 5313E 5338E 5363E 5388E 5413E 5438E 5463E 5488E 5513E 5538E 5563E

Conductor 'B'

0  
10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
200  
300  
SCALE  
P.P.K.  
+ OR -



SEPARATION: 75 METRES  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.

METRES  
0 25 50 75 100 125 150

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
PULSE ELECTROMAGNETOMETER  
HORIZONTAL LOOP SURVEY  
11400N

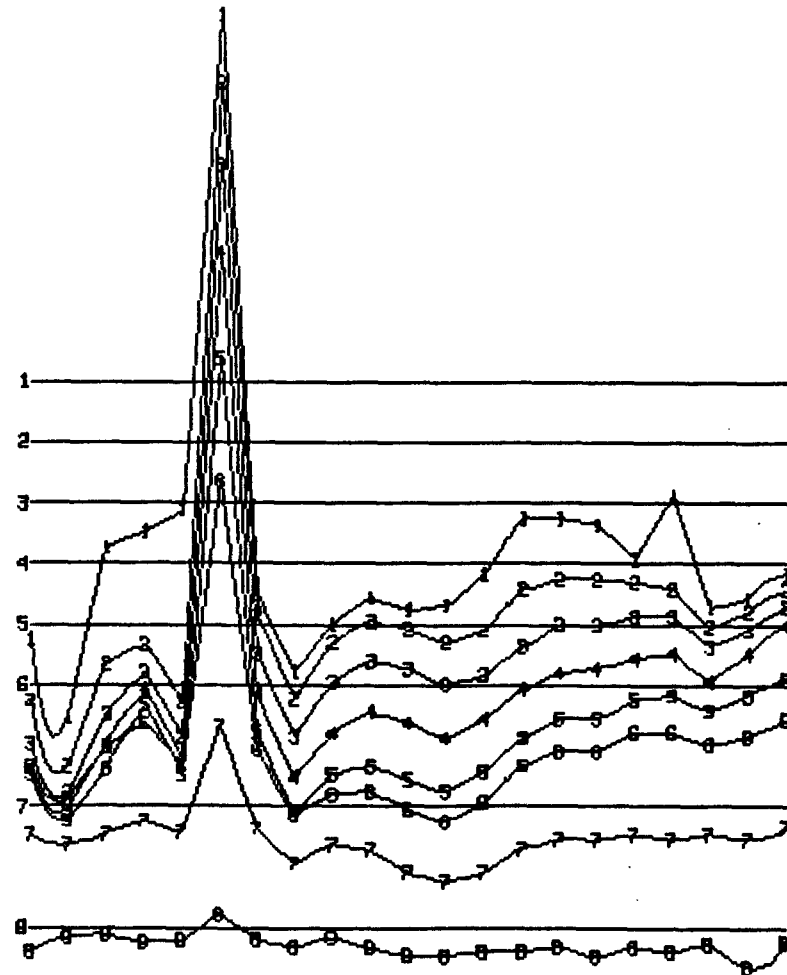
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GEOPHYSICAL CONSULTING  
& SERVICES LTD.

DATE: SEPT/81 FIG.: 11

1838N  
1813N  
1788N  
1763N  
1738N  
1713N  
1688N  
1663N  
1638N  
1613N  
1588N  
1563N  
1538N  
1513N  
1488N  
1463N  
1438N  
1413N  
1388N  
1363N  
1338N



SCALE  
P.P.K.  
+ OR -



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SEPARATION: 75 METRES  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
PULSE ELECTROMAGNETOMETER  
HORIZONTAL LOOP SURVEY  
5250E

DATE: SEPT/81

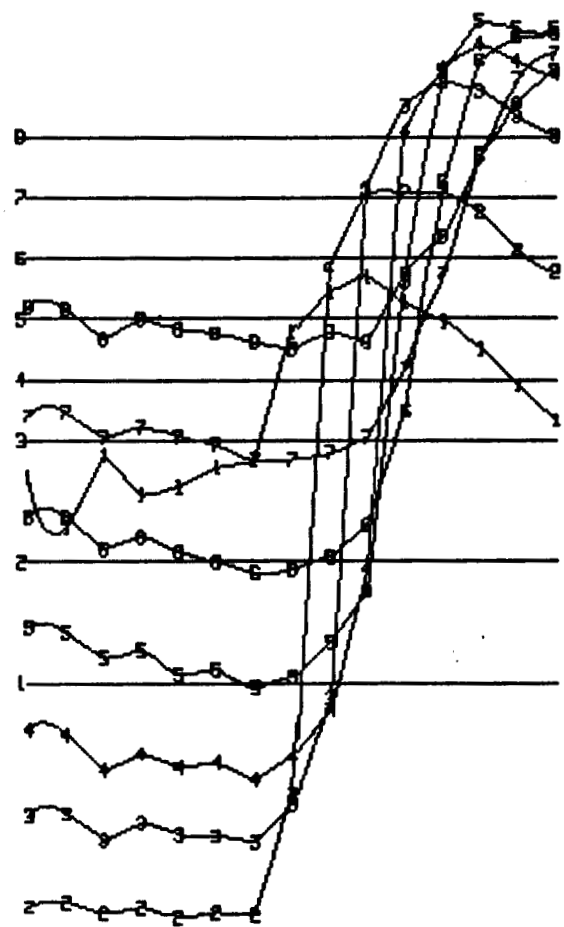
FIG.: 12



LOOP A

5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E

0  
10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
200  
300  
SCALE  
P.P.K.  
+ OR -



GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

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

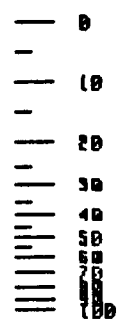


CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11000N A

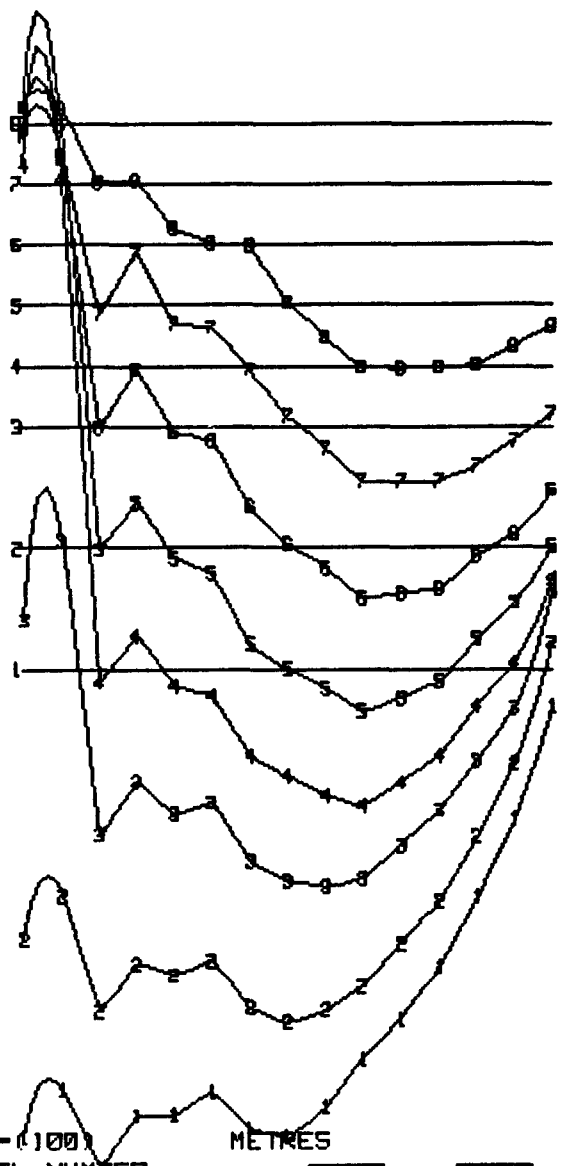
DATE: SEPT/81      FIG.: 13

LOOP A

5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E



SCALE  
P.P.K.  
+ OR -



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



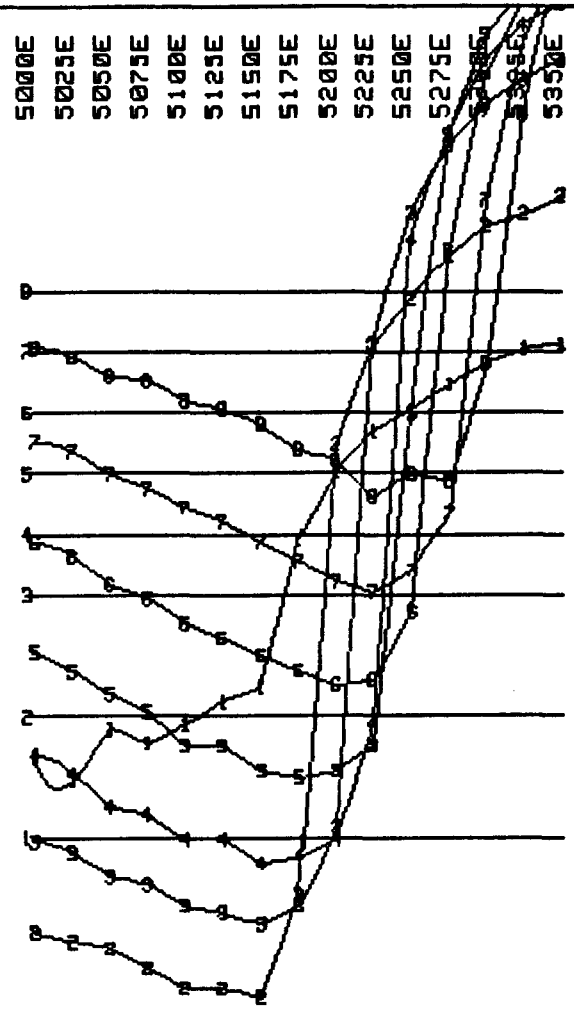
CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMETER  
HORIZONTAL COMPONENT  
11000N A

DATE: SEPT/81

FIG.: 14

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LOOP A



SCALE  
P.P.K.  
+ OR -

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



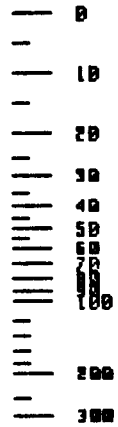
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11000N A

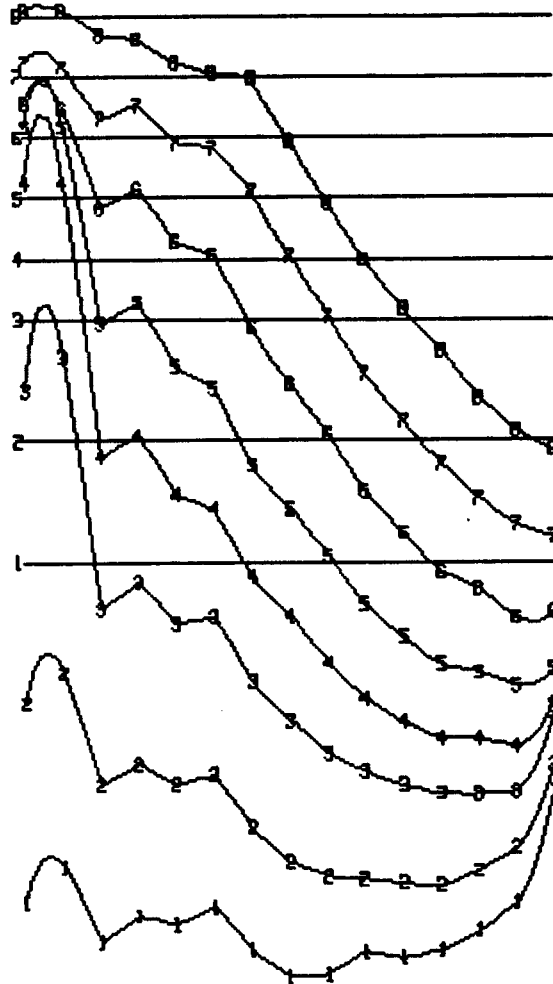
DATE: SEPT/81      FIG.: 15

LOOP A

5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E



SCALE  
P.P.K.  
+ OR -



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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11000N A

DATE: SEPT/81      FIG.: 16

GLEN E. WHITE  
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& SERVICES LTD.

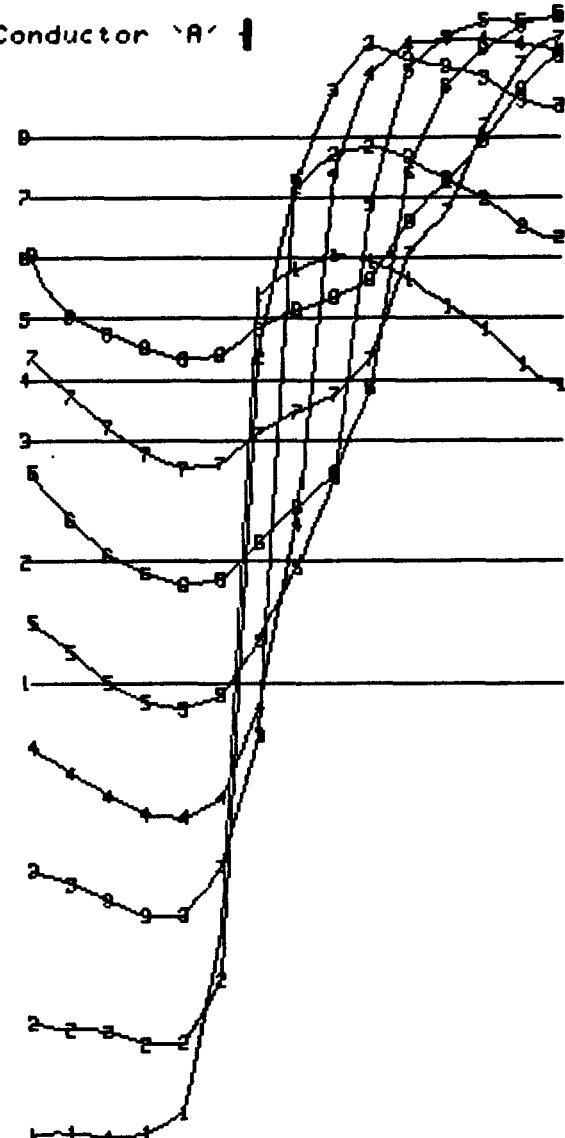
LOOP A

5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E

Conductor 'A'



SCALE  
P.P.K.  
+ OR -



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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11700N A

DATE: SEPT/81

FIG.: 17

GLEN E. WHITE  
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& SERVICES LTD.

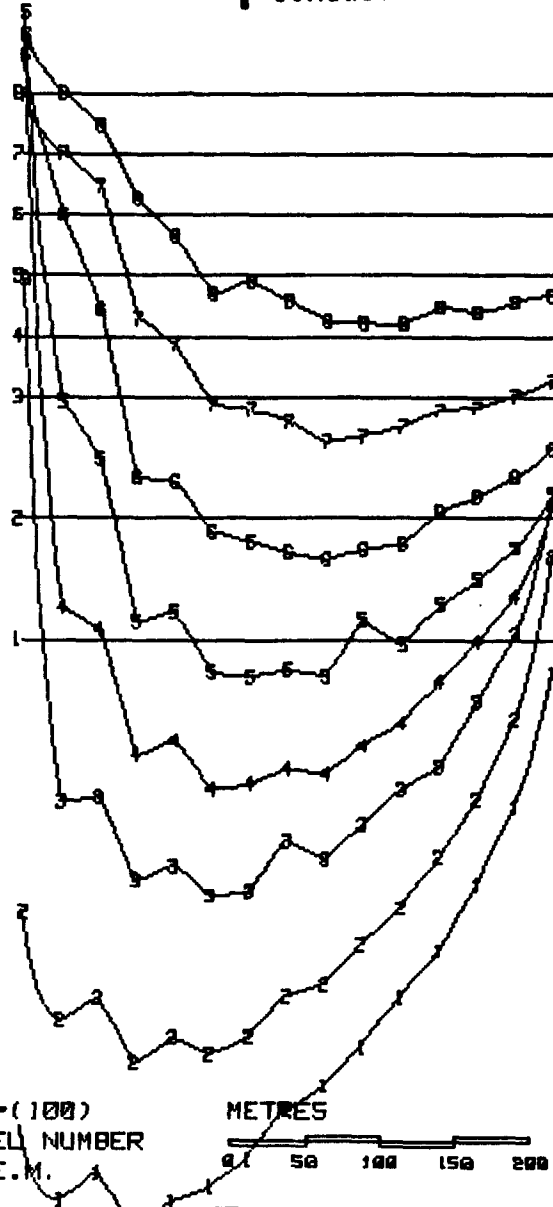
LOOP A

5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E

Conductor 'A'



SCALE  
P.P.K.  
+ OR -



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



GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

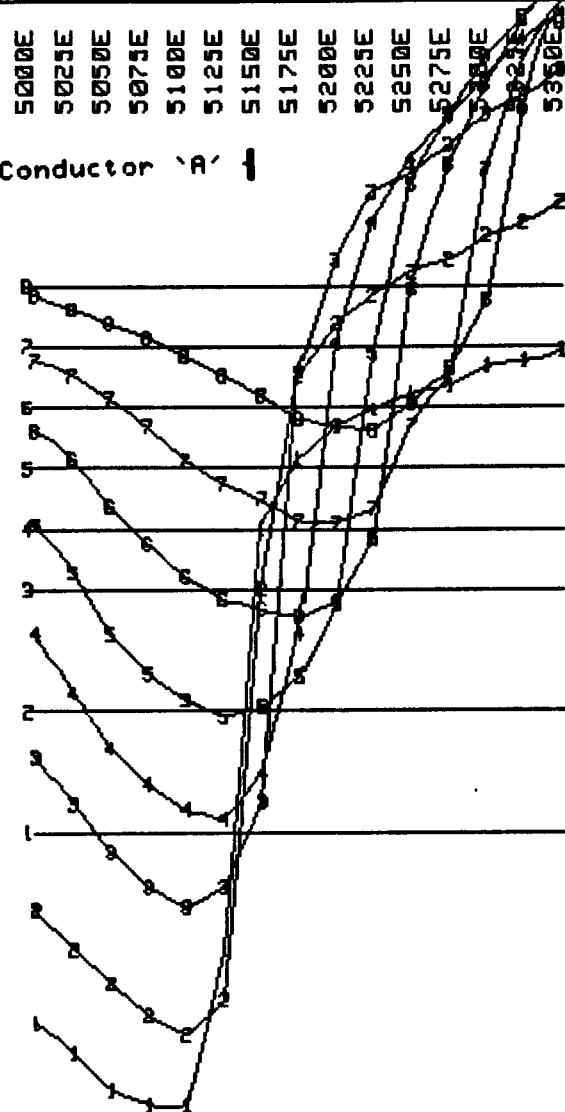
CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMETER  
HORIZONTAL COMPONENT  
11700N A

DATE: SEPT/81

FIG.: 18

LOOP A

Conductor 'A' ↓



SCALE  
P.P.K.  
+ OR -

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GEOPHYSICAL CONSULTING  
& SERVICES LTD.

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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11700N A

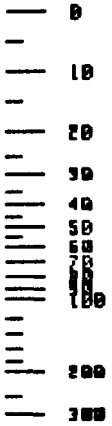
DATE: SEPT/81

FIG.: 19

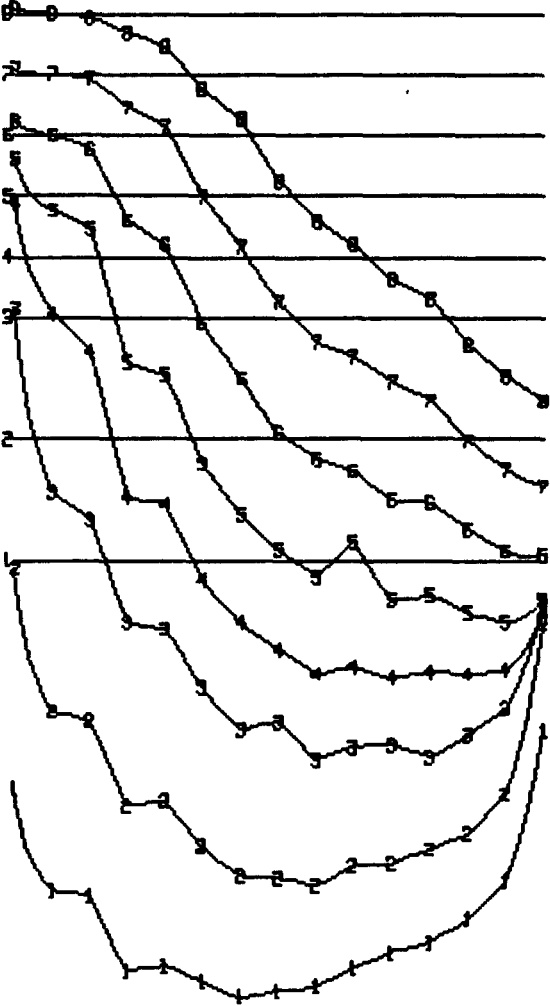
LOOP A

5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E

Conductor 'A'



SCALE  
P.P.K.  
+ OR -



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

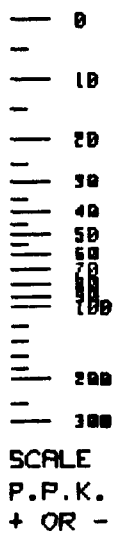


CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11700N A

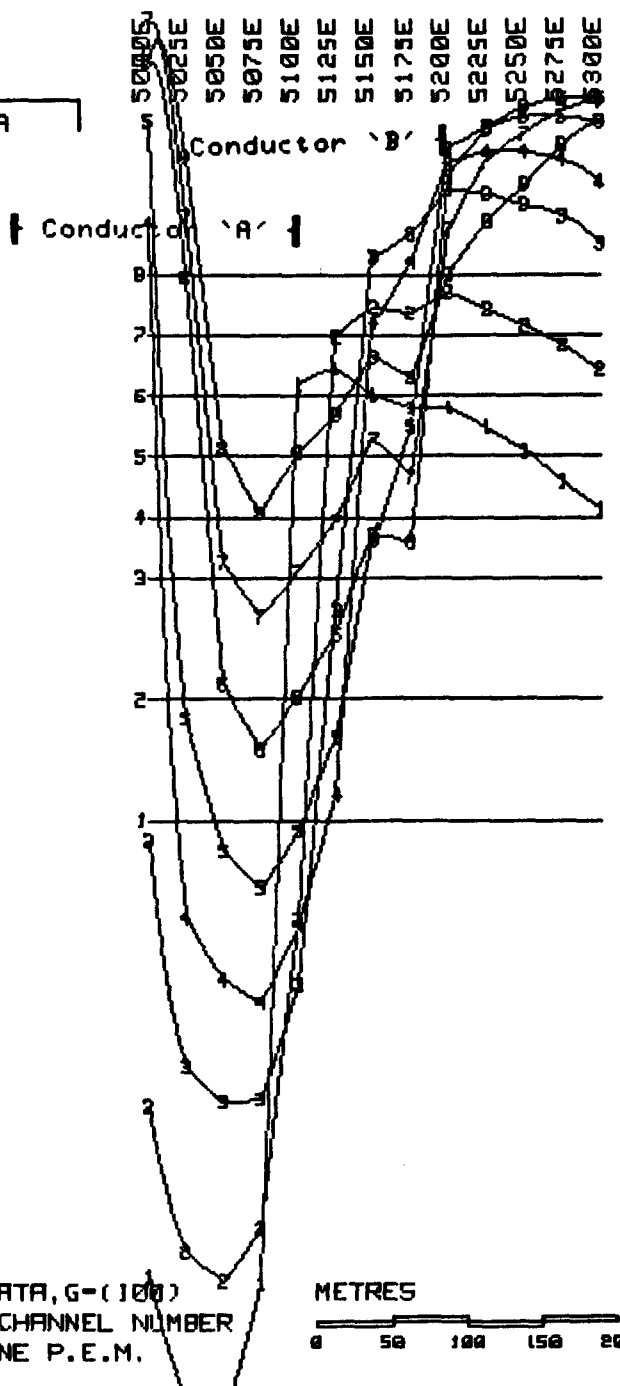
DATE: SEPT/81 FIG.: 20

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LOOP A



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



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& SERVICES LTD.

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11600N A

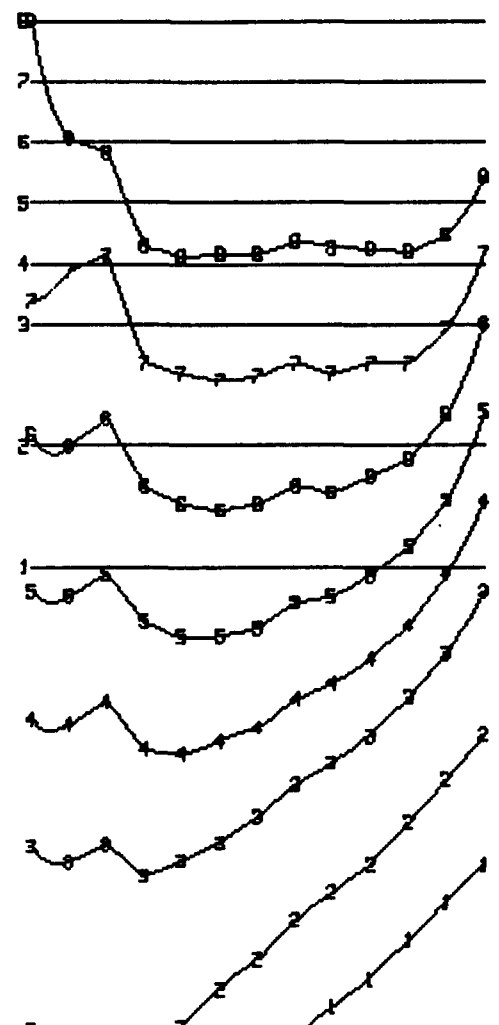
DATE: SEPT/81      FIG.: 21

5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E

LOOP A

Conductor 'A' | | Conductor 'B'

0  
10  
20  
30  
40  
50  
60  
70  
80  
100  
200  
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

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CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11600N A

DATE: SEPT/81 FIG.: 22

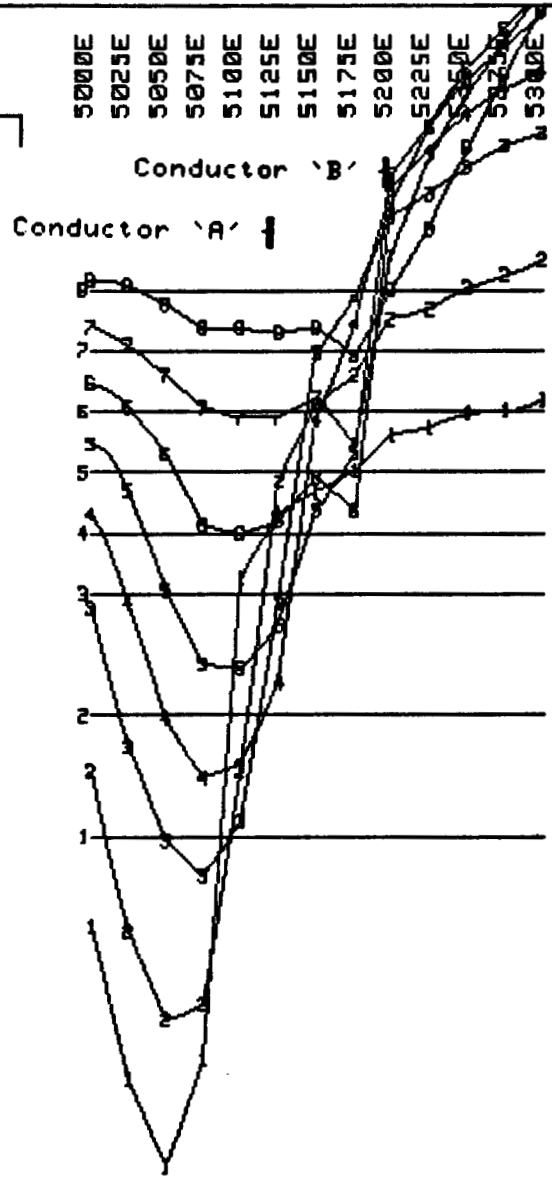
0  
 10  
 20  
 30  
 40  
 50  
 60  
 70  
 80  
 90  
 100  
 200  
 300  
 SCALE  
 P.P.K.  
 + OR -

GLEN E. WHITE  
 GEOPHYSICAL CONSULTING  
 & SERVICES LTD.

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

METRES  
 0 50 100 150 200

LOOP A



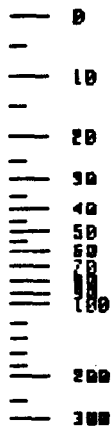
CORDILLERAN ENGINEERING  
 MIDWAY PROPERTY - SHOWING GRID  
 VECTOR PULSE ELECTROMAGNETOMETER  
 VERTICAL COMPONENT  
 11600N A  
 DATE: SEPT/81      FIG.: 23

5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E

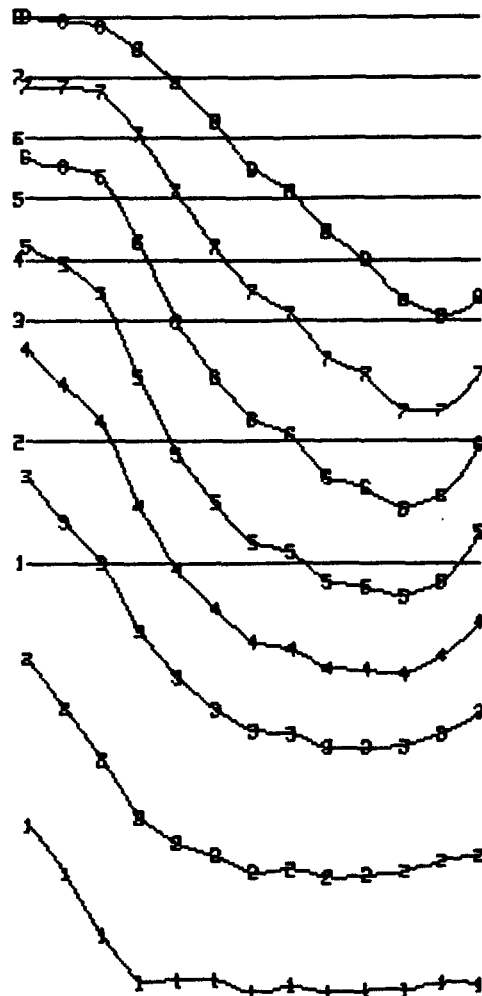
LOOP A

Conductor 'A'

Conductor 'B'



SCALE  
P.P.K.  
+ OR -



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

METRES

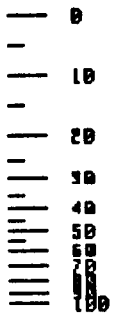


CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11600N A

DATE: SEPT/81

FIG.: 24

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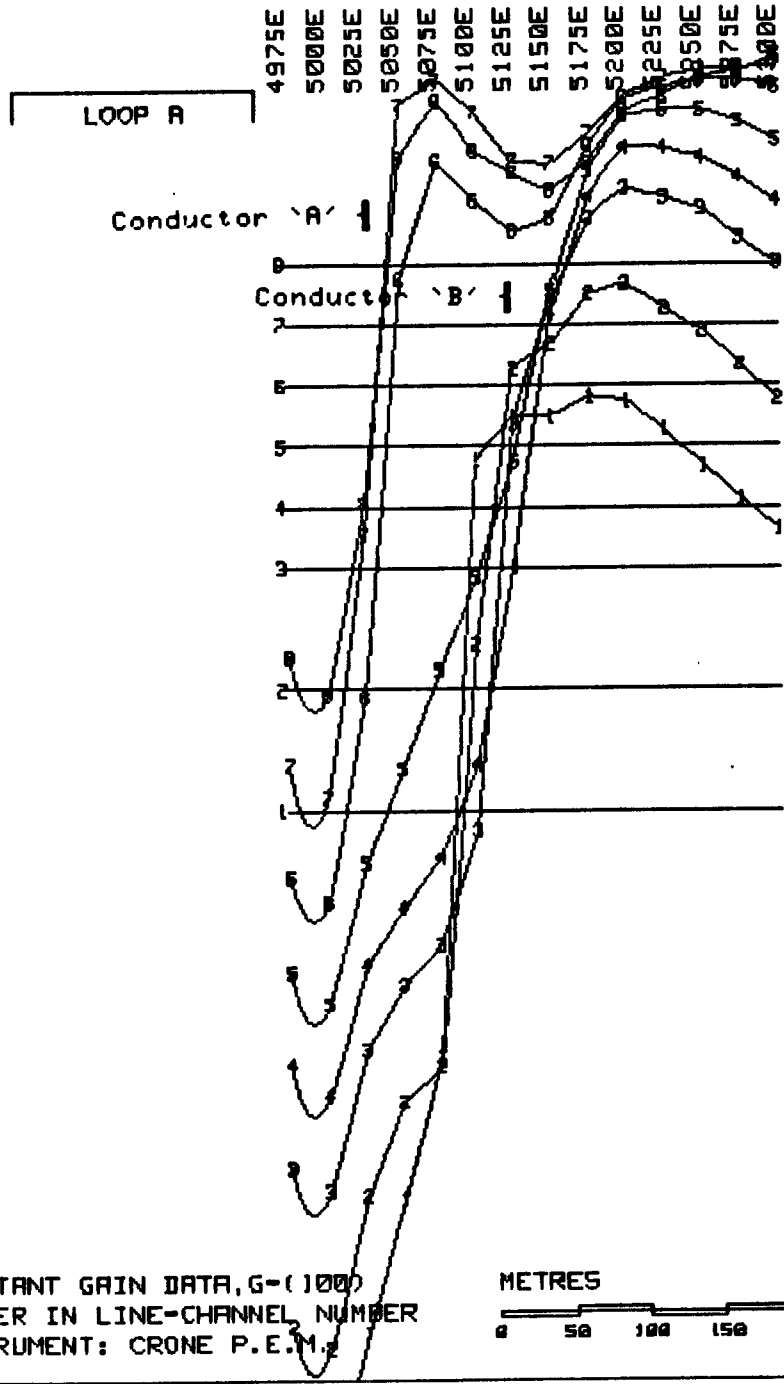
200  
300

SCALE  
P.P.K.  
+ OR -

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

CONSTANT GAIN DATA, G=(100)  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.2

METRES



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11500N A

DATE: SEPT/81

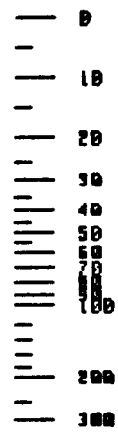
FIG.: 25

4975E  
5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E

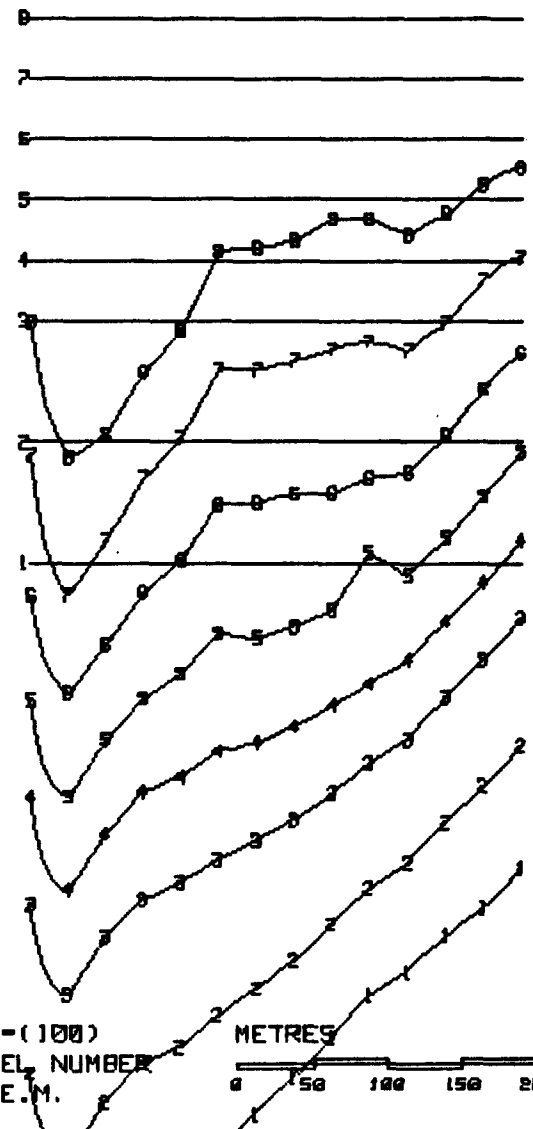
LOOP A

Conductor 'A'

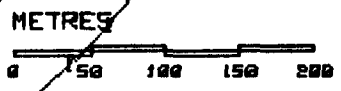
Conductor 'B'



SCALE  
P.P.K.  
+ OR -



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



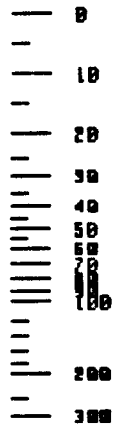
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11500N A

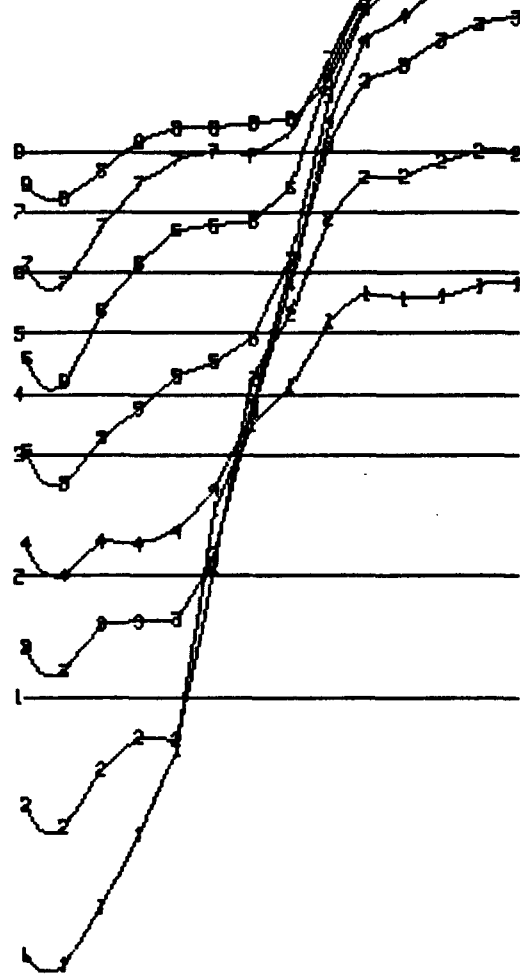
DATE: SEPT/81      FIG.: 26

LOOP A

4975E  
5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E



SCALE  
P.P.K.  
+ OR -



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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11500N A

DATE: SEPT/81

FIG.: 27

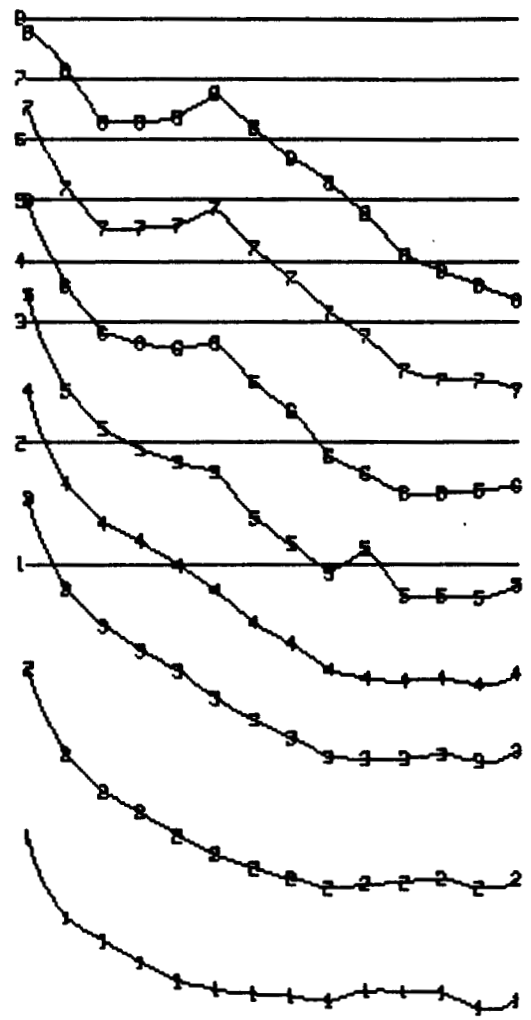
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

LOOP A

4975E  
5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E



SCALE  
P.P.K.  
+ OR -



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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMETER  
HORIZONTAL COMPONENT  
11500N A

DATE: SEPT/81

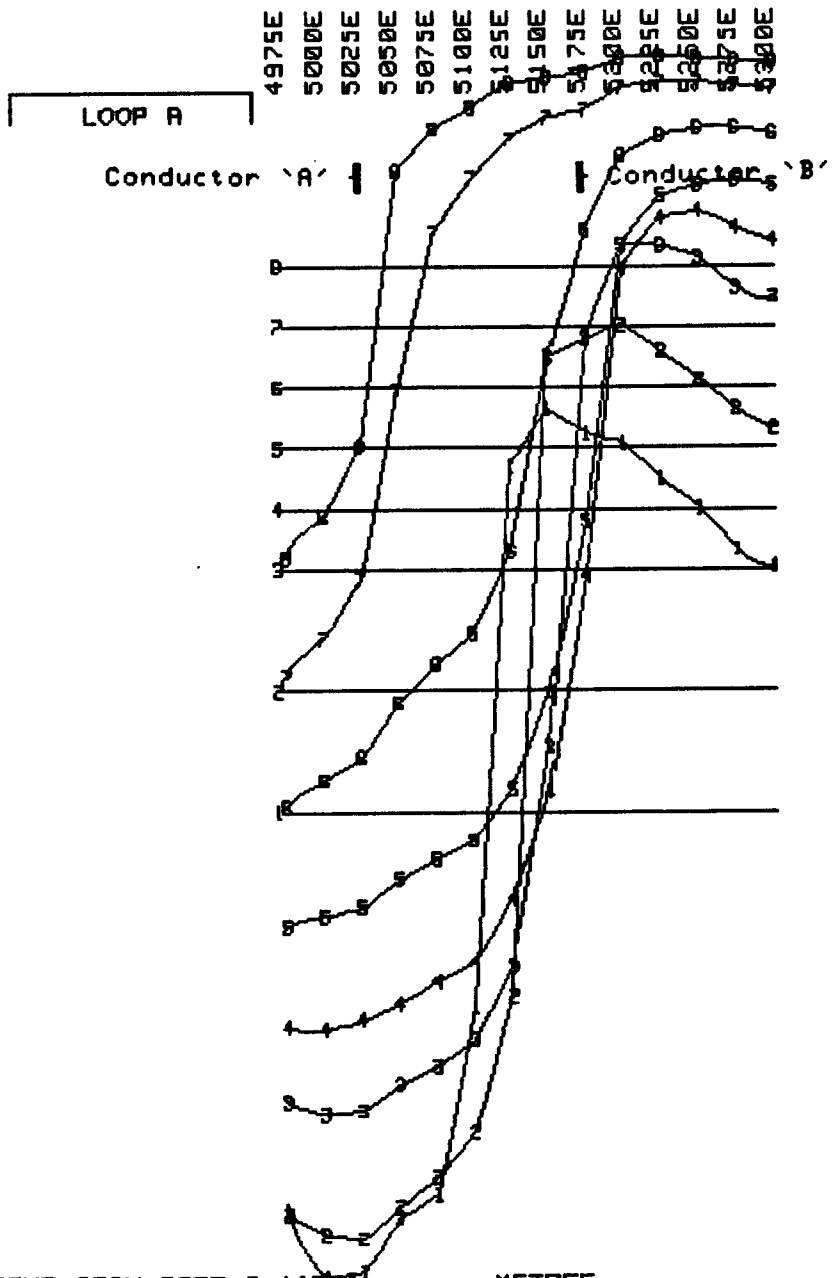
FIG.: 28

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SCALE  
P.P.K.  
+ OR -



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



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& SERVICES LTD.

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11400N A

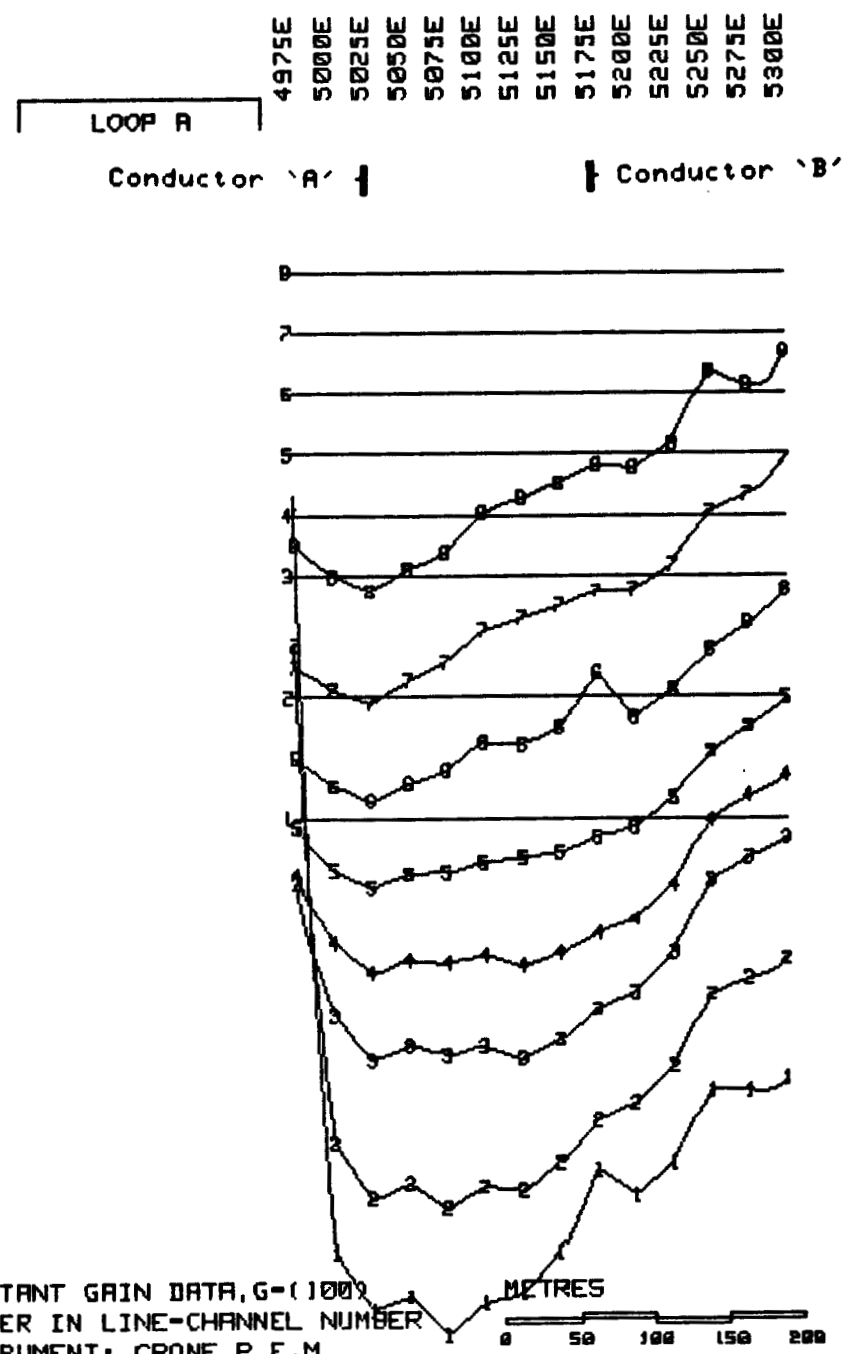
DATE: SEPT/81      FIG.: 29



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& SERVICES LTD.

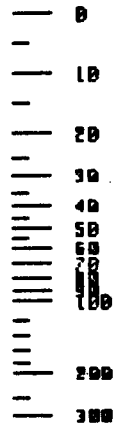
CONSTANT GAIN DATA, G=(1000)  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.

METRES  
0 50 100 150 200



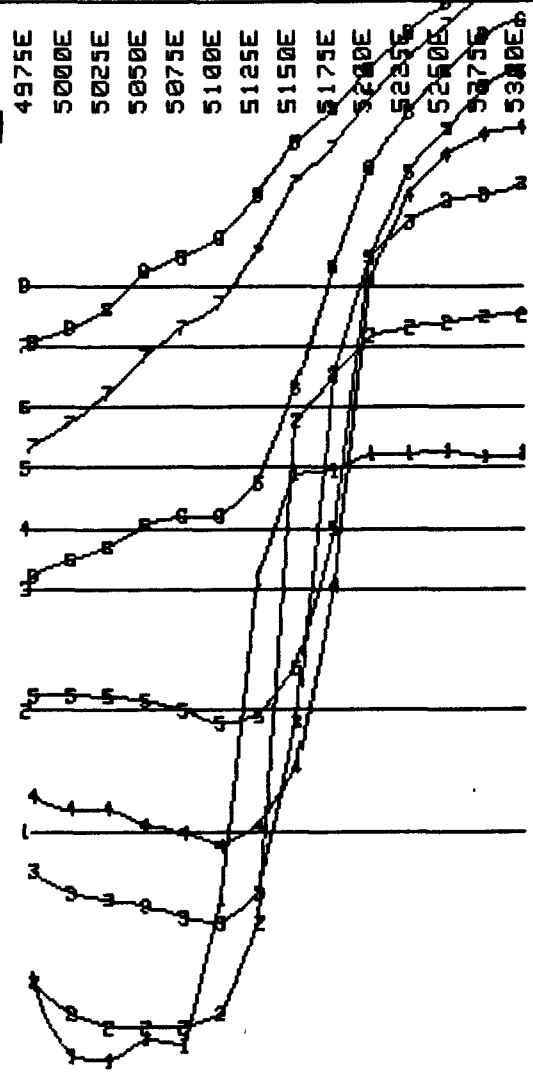
CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11400N A

DATE: SEPT/81      FIG.: 30



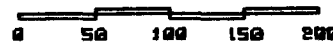
SCALE  
P.P.K.  
+ OR -

LOOP A



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

METRES



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
1140N A

DATE: SEPT/81

FIG.: 31

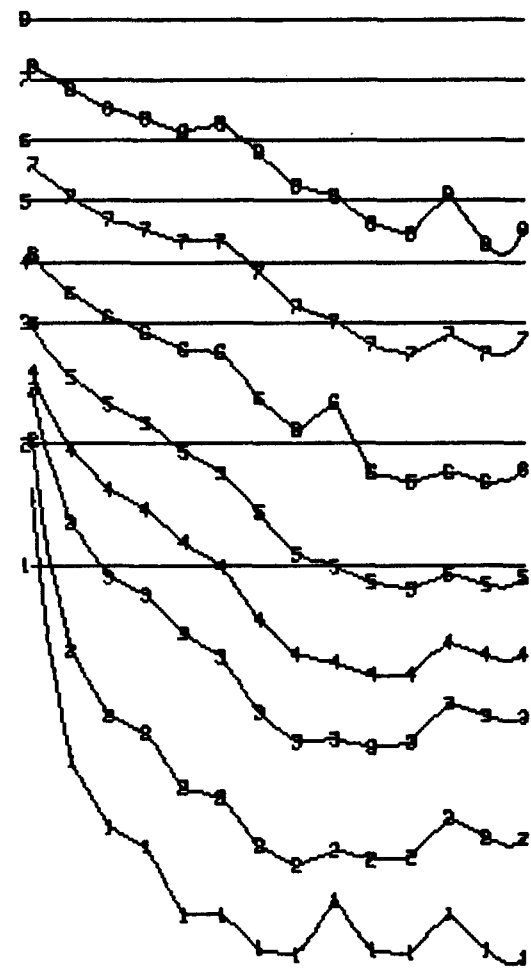
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

LOOP A

4975E  
5000E  
5025E  
5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E

0  
10  
20  
30  
40  
50  
60  
70  
80  
90  
100

SCALE  
P.P.K.  
+ OR -



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



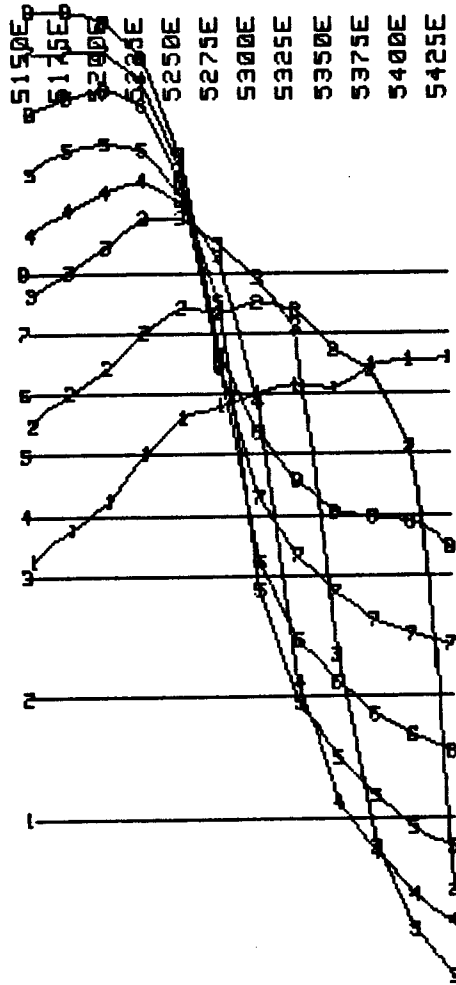
CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11400N A

DATE: SEPT/81      FIG.: 32

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& SERVICES LTD.



SCALE  
P.P.K.  
+ OR -



LOOP B

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

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

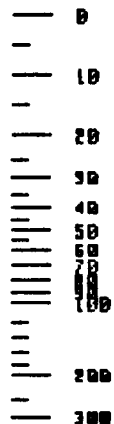


CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMETER  
VERTICAL COMPONENT  
11000N B

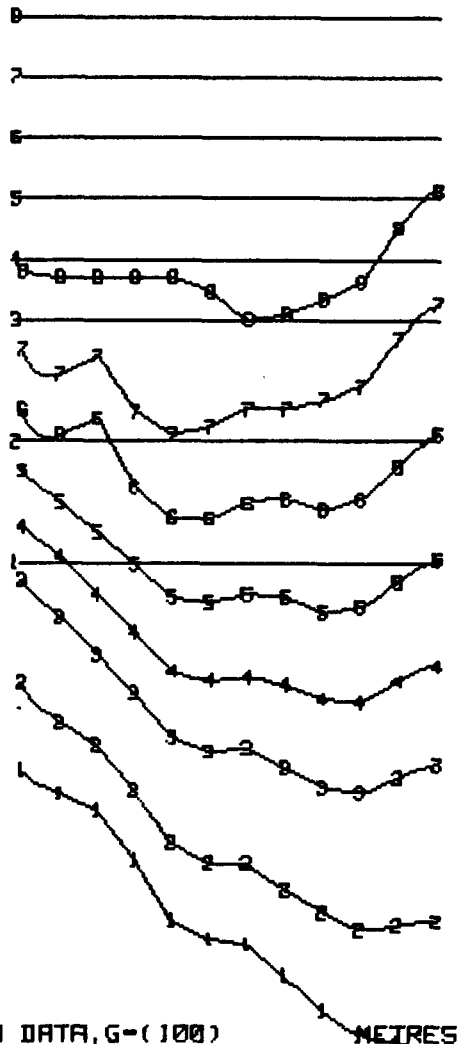
DATE: SEPT/81      FIG.: 33

5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E  
5425E

LOOP B



SCALE  
P.P.K.  
+ OR -

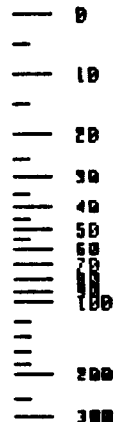
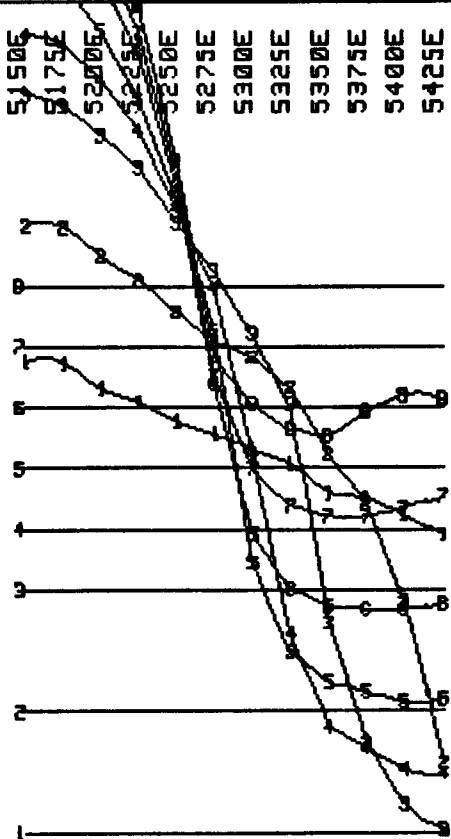


CONSTANT GAIN DATA, G=(100)  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11000N B

DATE: SEPT/81      FIG.: 34

GLEN E. WHITE  
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SCALE  
P.P.K.  
+ OR -

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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11000N B

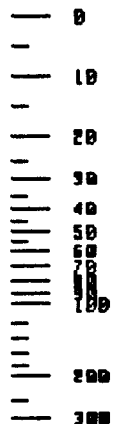
DATE: SEPT/81

FIG.: 35

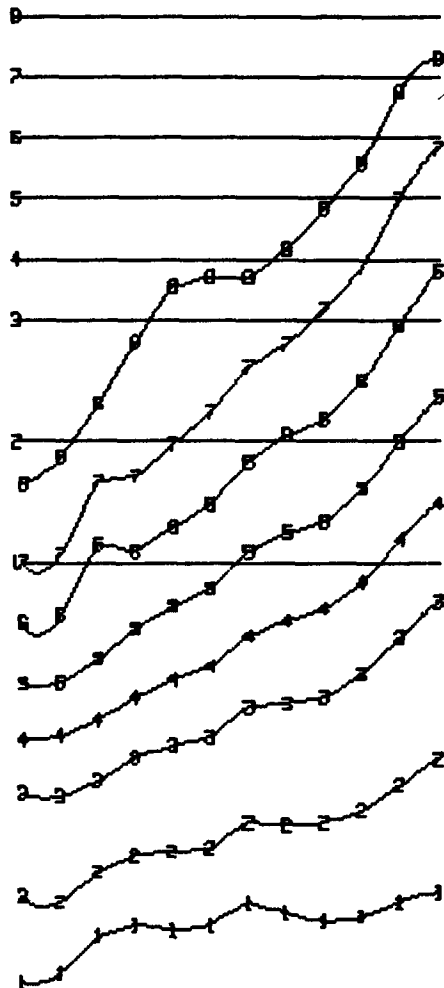
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E  
5425E

LOOP B



SCALE  
P.P.K.  
+ OR -



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



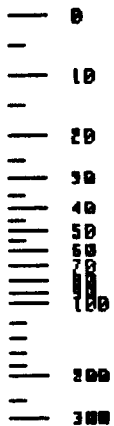
CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11000N B

DATE: SEPT/81

FIG.: 36

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

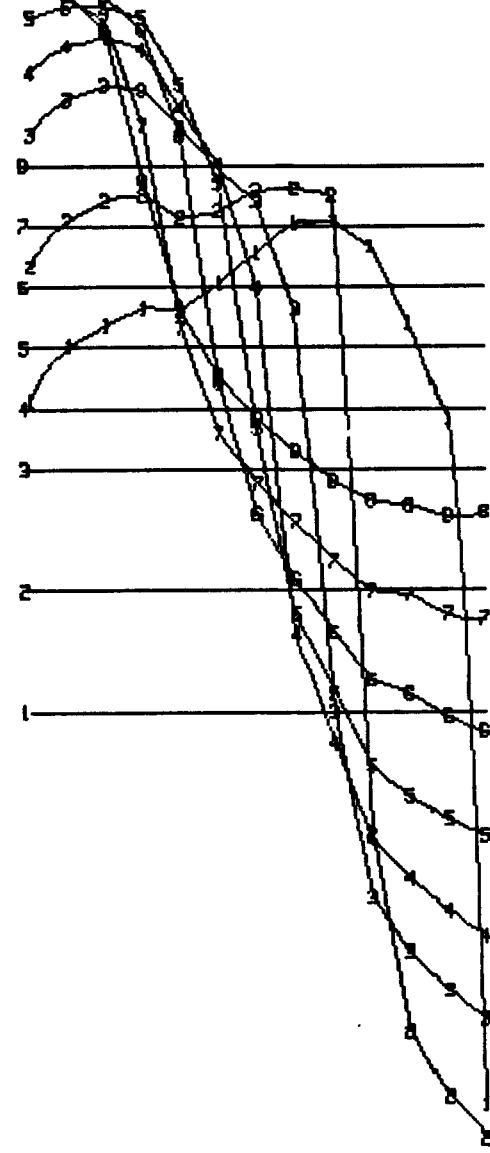




SCALE  
P.P.K.  
+ OR -

5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E  
5425E  
5450E

LOOP B



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

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11700N B

DATE: SEPT/81      FIG.: 37

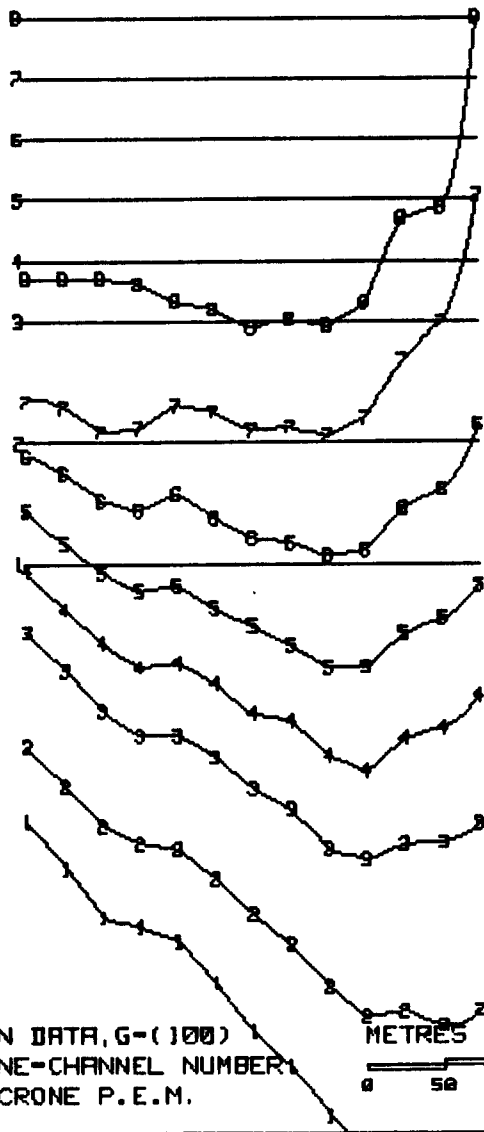
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E  
5425E  
5450E

LOOP B



SCALE  
P.P.K.  
+ OR -



GLEN E. WHITE  
GEOLOGICAL CONSULTING  
& SERVICES LTD.

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

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11700N B

DATE: SEPT/81      FIG.: 38

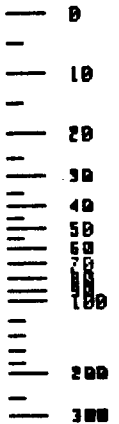
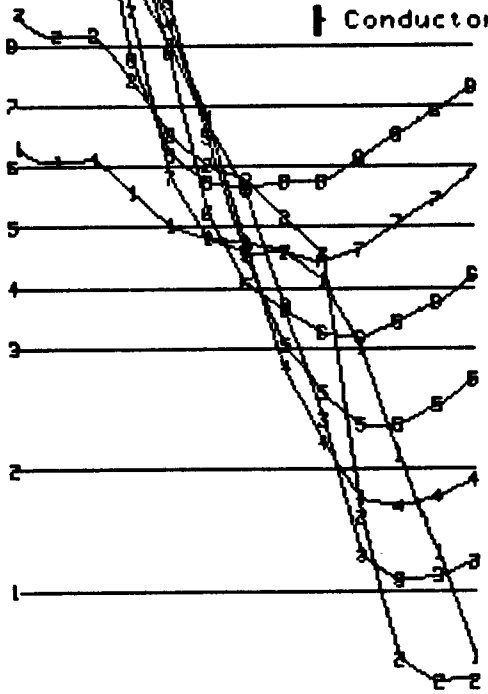
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E  
5425E  
5450E

LOOP B

Conductor 'A'

Conductor 'B'

Conductor 'C'



SCALE  
P.P.K.  
+ OR -

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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11700N B

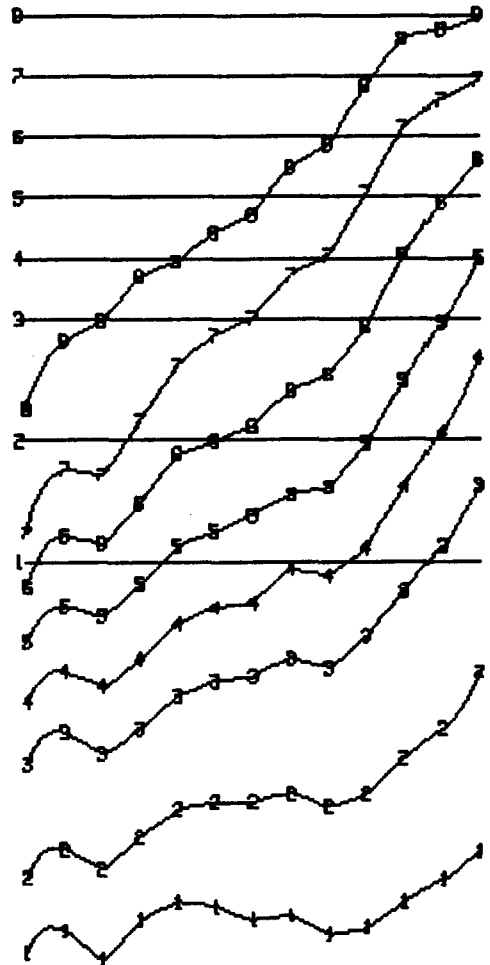
DATE: SEPT/81      FIG.: 39

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E  
5425E  
5450E

LOOP B

Conductor 'A' | Conductor 'B' | Conductor 'C'



SCALE  
P.P.K.  
+ OR -

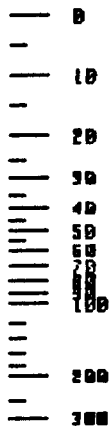
PRIMARY FIELD NORMALIZED DATA  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
1170DN B

DATE: SEPT/81 | FIG.: 40

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.



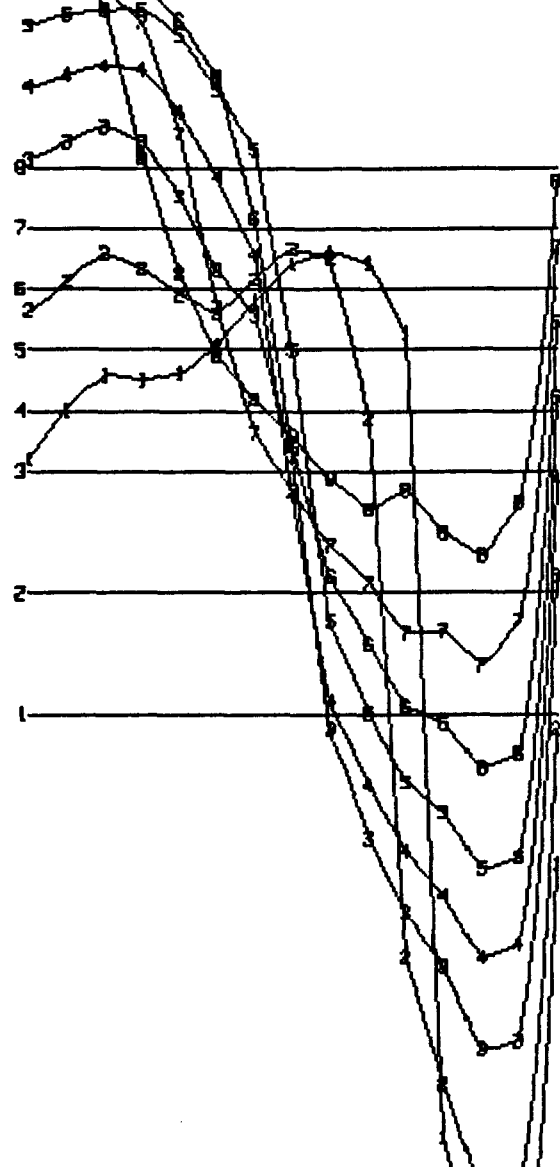
SCALE  
P.P.K.  
+ OR -

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

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

5190E  
5195E  
5200E  
5205E  
5210E  
5215E  
5220E  
5225E  
5230E  
5235E  
5240E  
5245E  
5250E  
5255E  
5260E  
5265E  
5270E  
5275E  
5280E  
5285E  
5290E  
5295E  
5300E  
5305E  
5310E  
5315E  
5320E  
5325E  
5330E  
5335E  
5340E  
5345E  
5350E  
5355E  
5360E  
5365E  
5370E  
5375E  
5380E  
5385E  
5390E  
5395E  
5400E  
5405E  
5410E  
5415E  
5420E  
5425E  
5430E  
5435E  
5440E  
5445E  
5450E

LOOP B



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11600N B

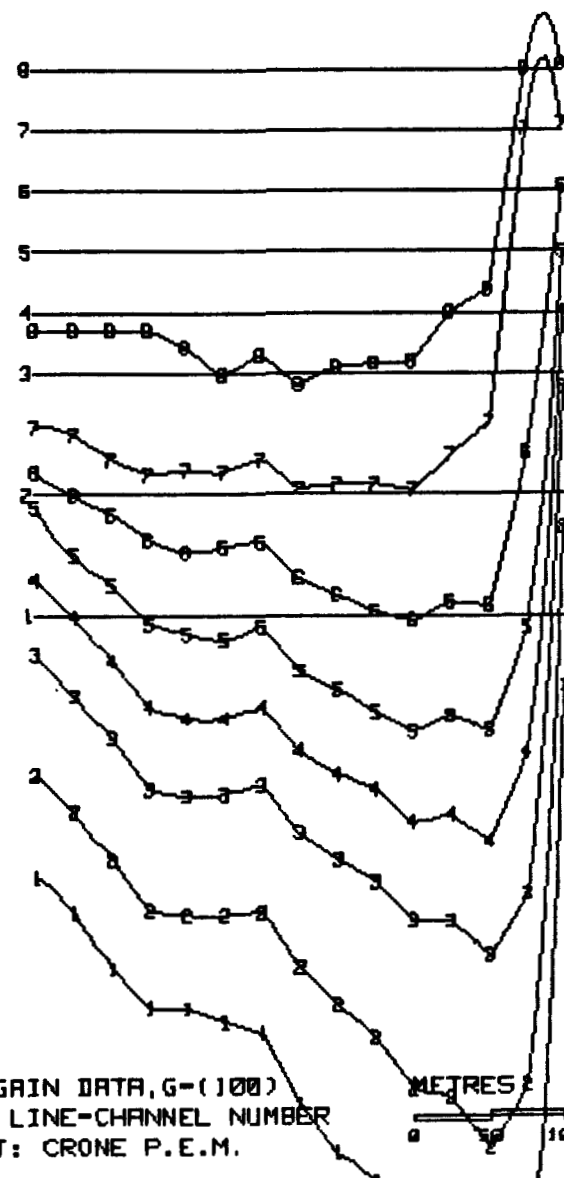
DATE: SEPT/81

FIG.: 41

5100E  
 5125E  
 5150E  
 5175E  
 5200E  
 5225E  
 5250E  
 5275E  
 5300E  
 5325E  
 5350E  
 5375E  
 5400E  
 5425E  
 5450E

LOOP B

0  
 10  
 20  
 30  
 40  
 50  
 60  
 70  
 80  
 90  
 100  
 200  
 300  
 SCALE  
 P.P.K.  
 + OR -



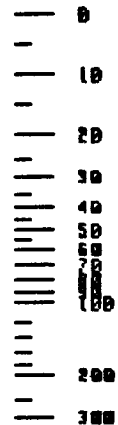
CONSTANT GAIN DATA, G-(100)  
 NUMBER IN LINE-CHANNEL NUMBER  
 INSTRUMENT: CRONE P.E.M.

METRES  
 0 100 150 200

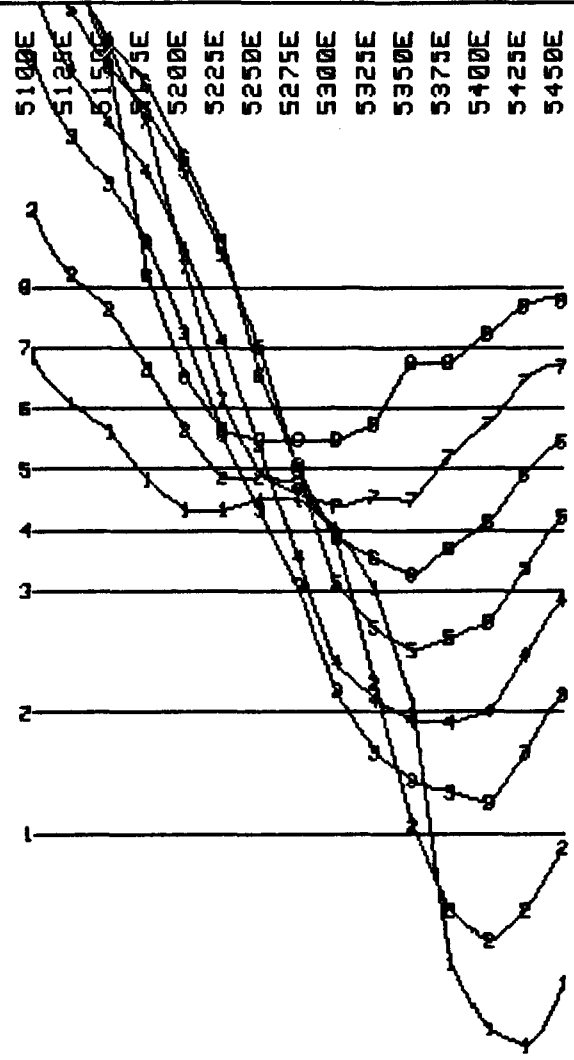
GLEN E. WHITE  
 GEOPHYSICAL CONSULTING  
 & SERVICES LTD.

CORDILLERAN ENGINEERING  
 MIDWAY PROPERTY - SHOWING GRID  
 VECTOR PULSE ELECTROMAGNETOMETER  
 HORIZONTAL COMPONENT  
 11600N B

DATE: SEPT/81      FIG.: 42



SCALE  
P.P.K.  
+ OR -



LOOP B

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

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

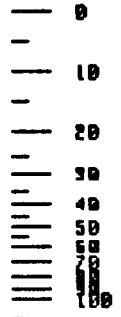


CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11600N B

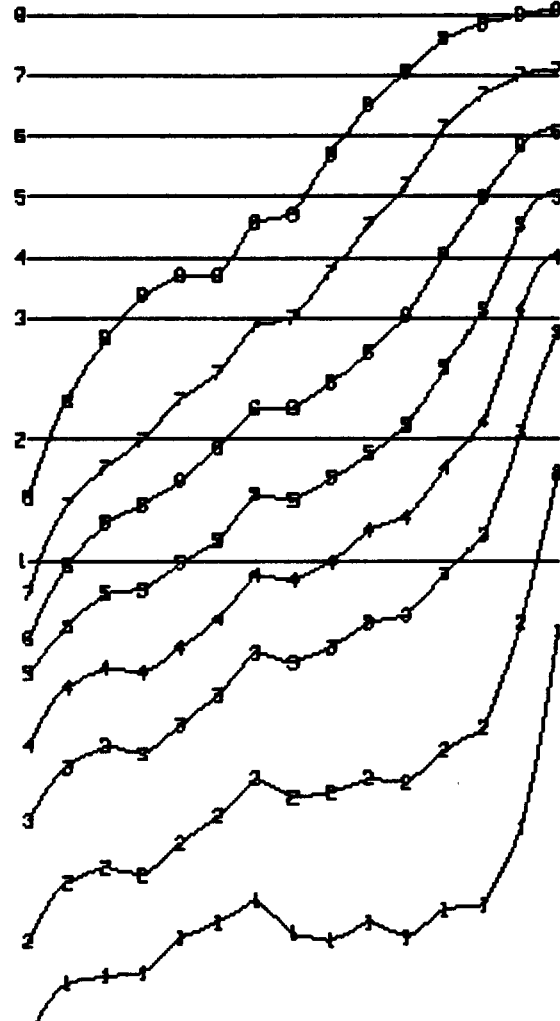
DATE: SEPT/81      FIG.: 43

5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E  
5425E  
5450E

LOOP B



SCALE  
P.P.K.  
+ OR -



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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11600N B

DATE: SEPT/81      FIG.: 44

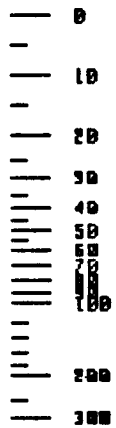
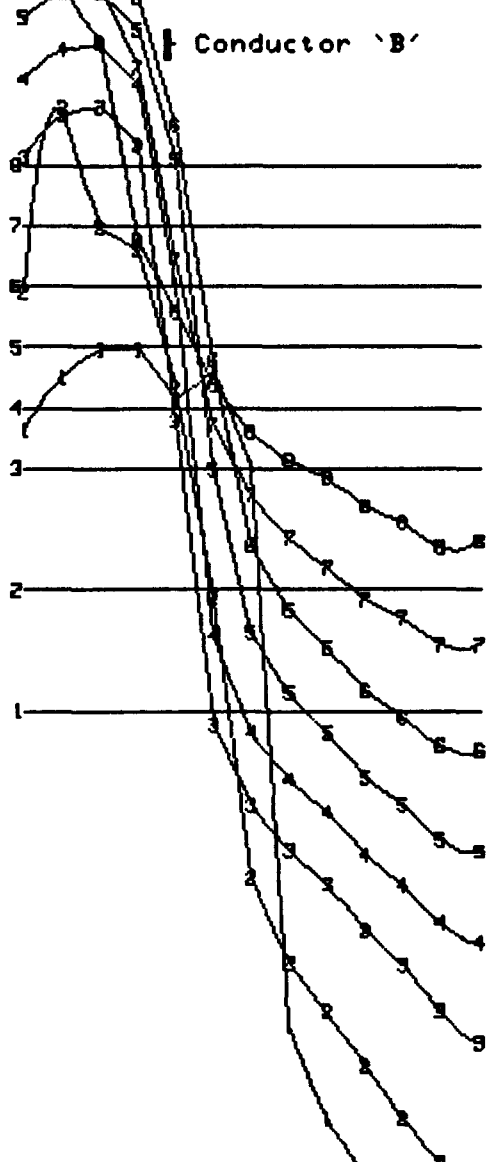
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.



5400E  
5375E  
5350E  
5325E  
5300E  
5275E  
5250E  
5225E  
5200E

LOOP B

Conductor 'B'



SCALE  
P.P.K.  
+ OR -

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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11500N B

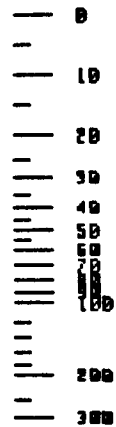
DATE: SEPT/81      FIG.: 45

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

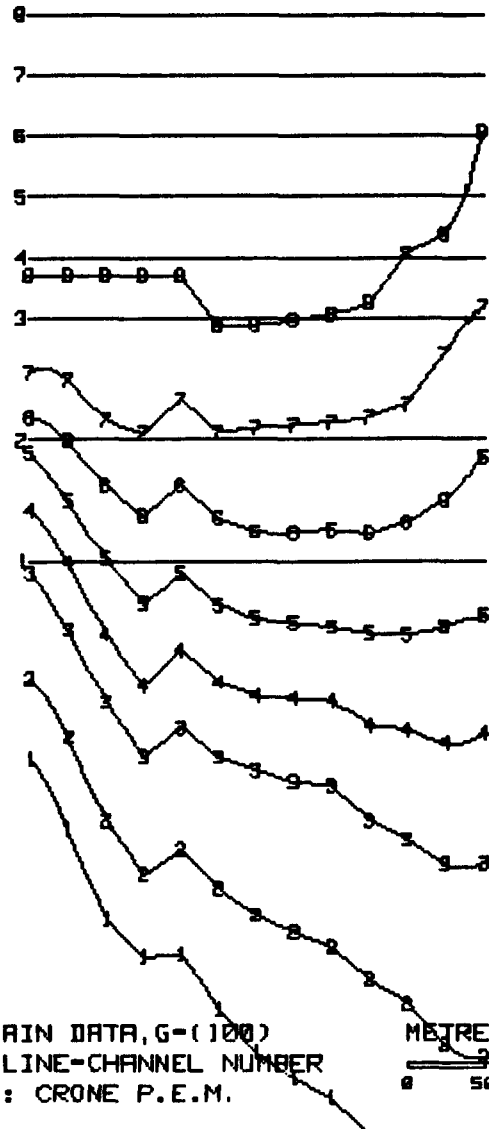
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E

LOOP B

Conductor 'B' ↓



SCALE  
P.P.K.  
+ OR -



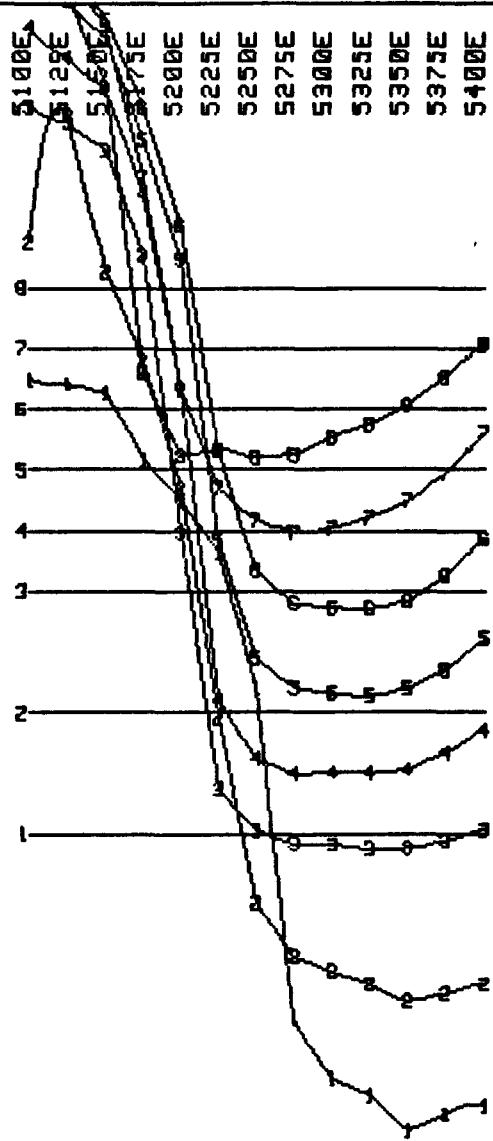
CONSTANT GAIN DATA, G=(100)  
NUMBER IN LINE-CHANNEL NUMBER  
INSTRUMENT: CRONE P.E.M.

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11500N B

DATE: SEPT/81      FIG.: 46

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

0  
 10  
 20  
 30  
 40  
 50  
 60  
 70  
 80  
 100  
 200  
 300  
 SCALE  
 P.P.K.  
 + OR -



LOOP B

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



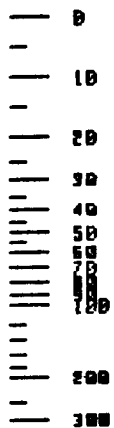
CORDILLERAN ENGINEERING  
 MIDWAY PROPERTY - SHOWING GRID  
 VECTOR PULSE ELECTROMAGNETOMETER  
 VERTICAL COMPONENT  
 11500N B

DATE: SEPT/81      FIG.: 47

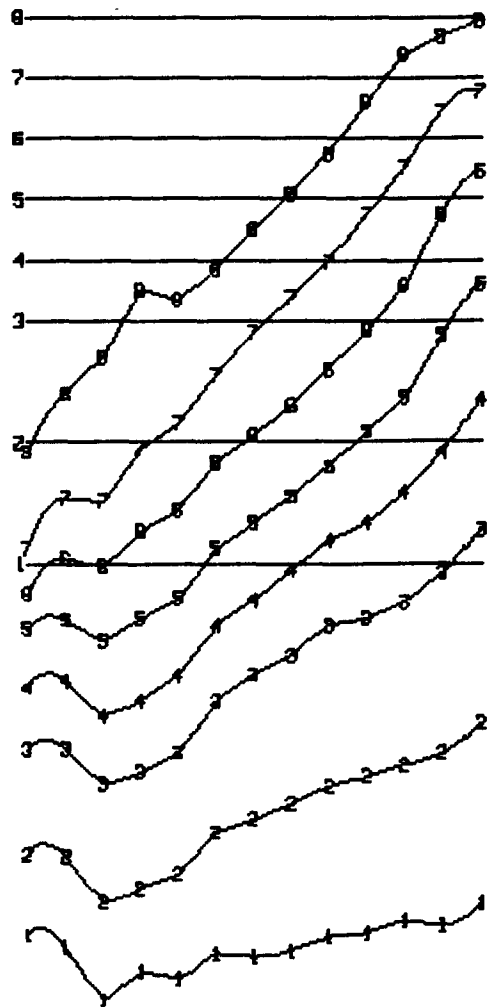
GLEN E. WHITE  
 GEOPHYSICAL CONSULTING  
 & SERVICES LTD.

5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E

LOOP B



SCALE  
P.P.K.  
+ OR -



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

METRES

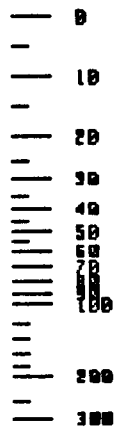


CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11500N B

DATE: SEPT/81

FIG.: 48

GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

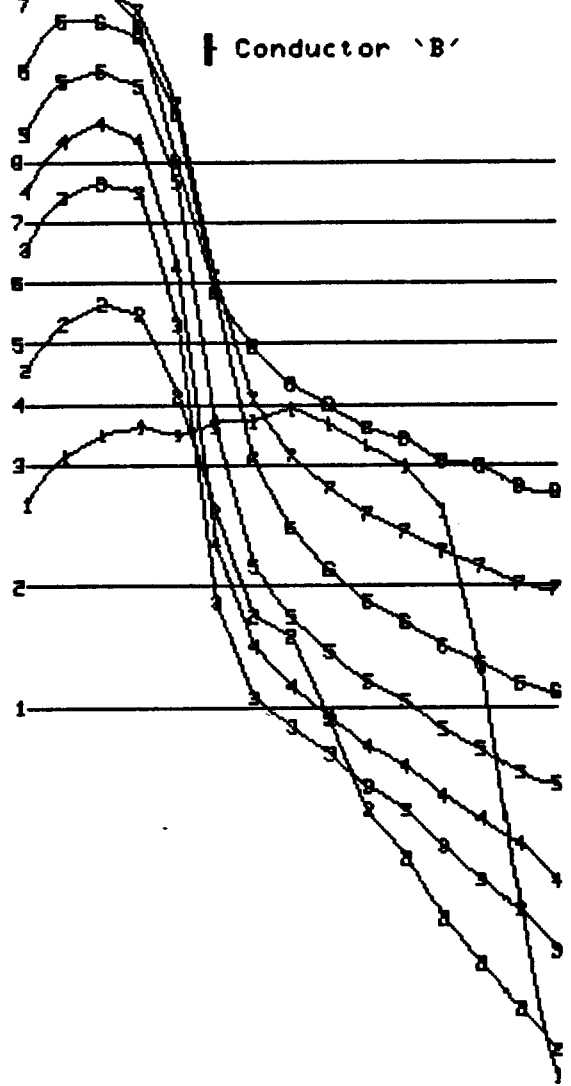


SCALE  
P.P.K.  
+ OR -

5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E

Conductor 'B'

LOOP B



GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

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



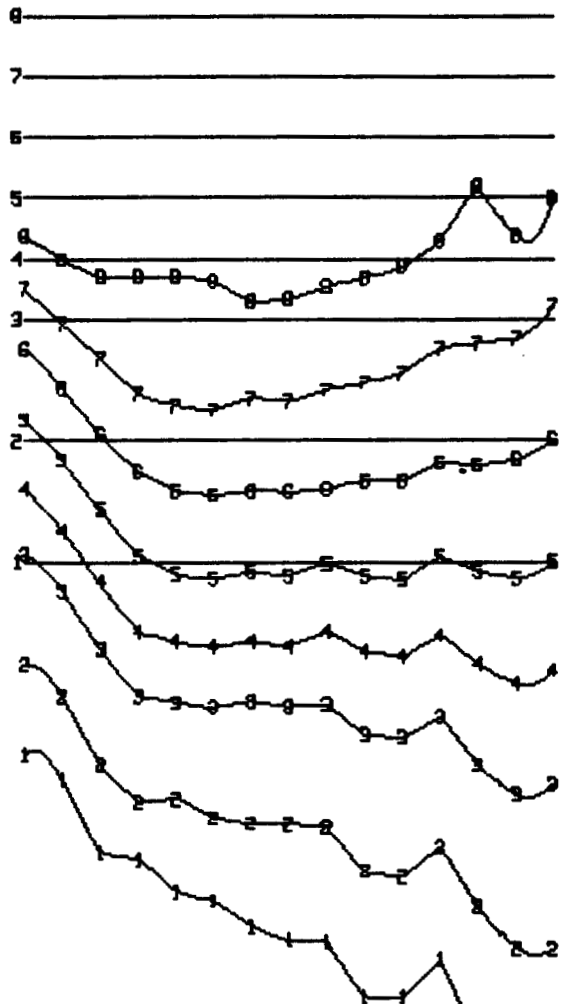
CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
11400N B

DATE: SEPT/81      FIG.: 49

5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E

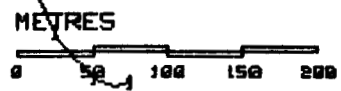
LOOP B

Conductor 'B'



SCALE  
P.P.K.  
+ OR -

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



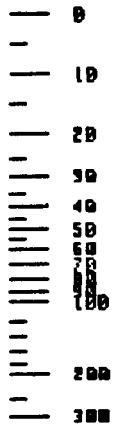
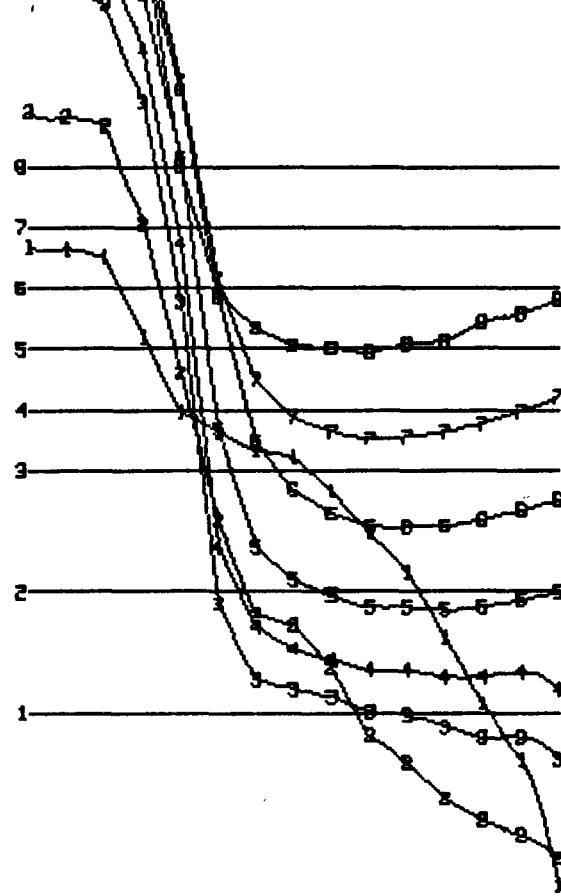
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
HORIZONTAL COMPONENT  
11400N B

DATE: SEPT/81      FIG.: 50

5050E  
5075E  
5100E  
5125E  
5150E  
5175E  
5200E  
5225E  
5250E  
5275E  
5300E  
5325E  
5350E  
5375E  
5400E

LOOP B



SCALE  
P.P.K.  
+ OR -

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



CORDILLERAN ENGINEERING  
MIDWAY PROPERTY - SHOWING GRID  
VECTOR PULSE ELECTROMAGNETOMETER  
VERTICAL COMPONENT  
11400N B

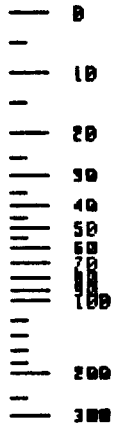
DATE: SEPT/81

FIG.: 51

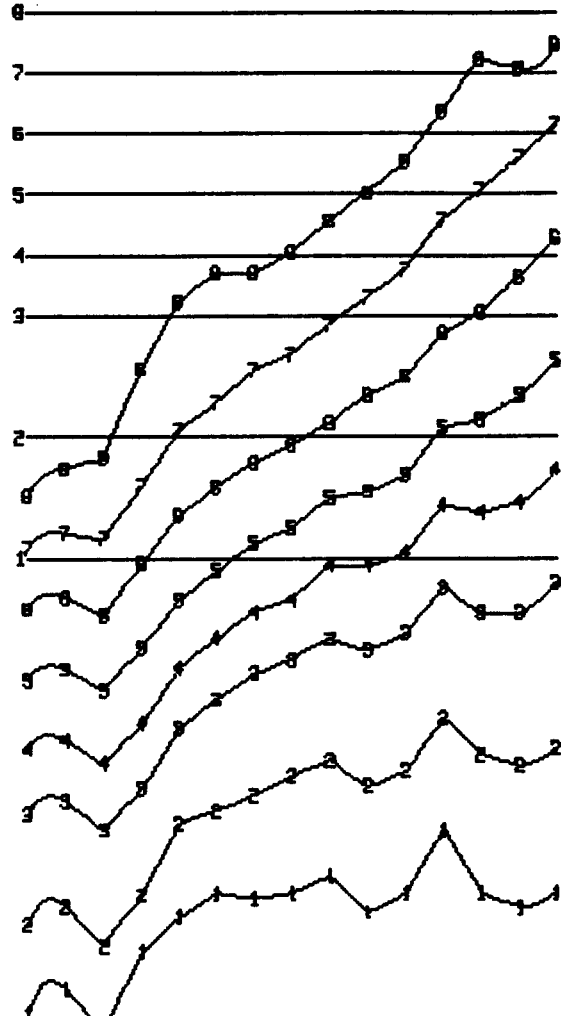
GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

5050E  
 5075E  
 5100E  
 5125E  
 5150E  
 5175E  
 5200E  
 5225E  
 5250E  
 5275E  
 5300E  
 5325E  
 5350E  
 5375E  
 5400E

LOOP B



SCALE  
 P.P.K.  
 + OR -



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



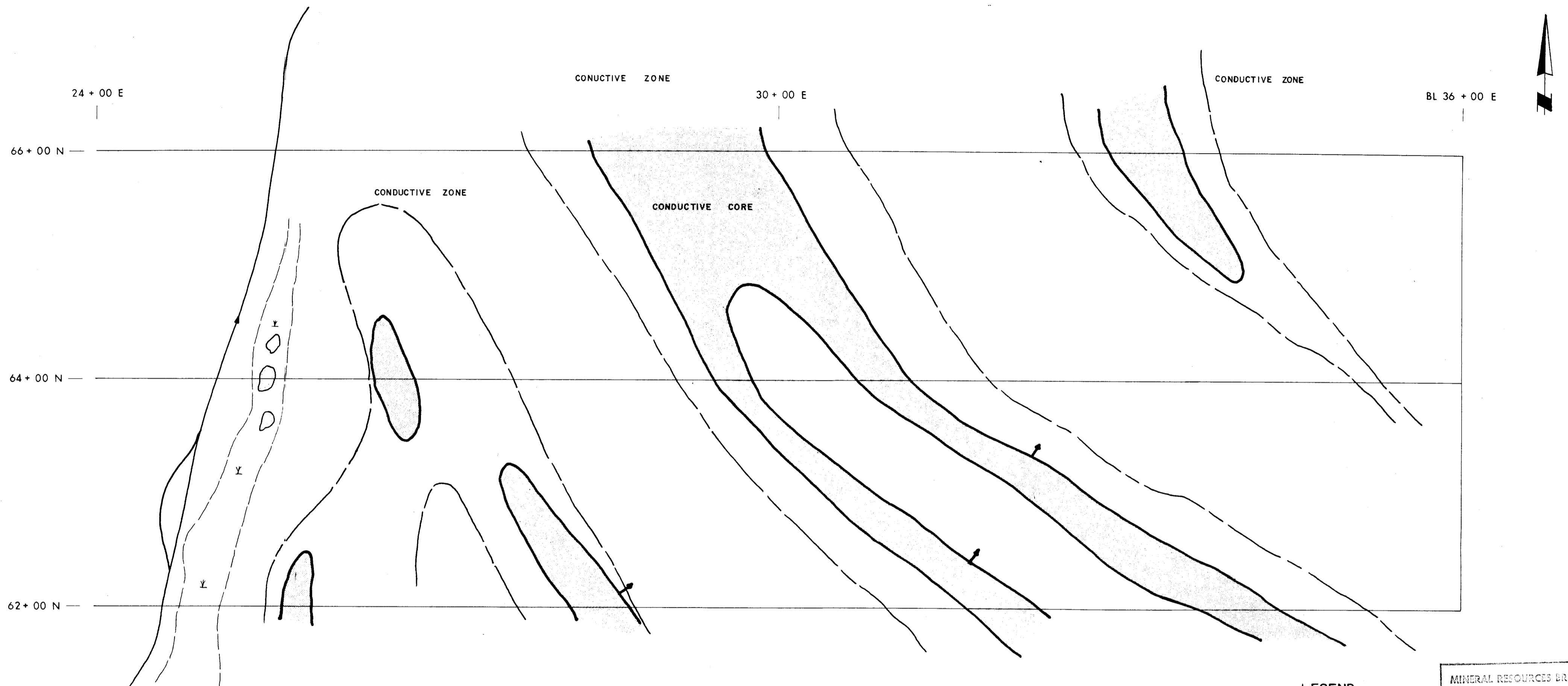
CORDILLERAN ENGINEERING  
 MIDWAY PROPERTY - SHOWING GRID  
 VECTOR PULSE ELECTROMAGNETOMETER  
 HORIZONTAL COMPONENT  
 11400N B

DATE: SEPT/81

FIG.: 52

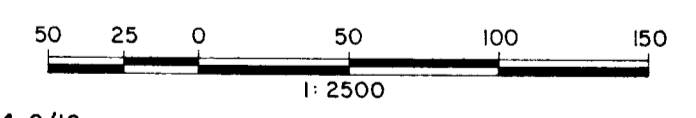
GLEN E. WHITE  
 GEOPHYSICAL CONSULTING  
 & SERVICES LTD.





- LEGEND:**
- ROAD
  - ~ STREAM
  - ⊕ SWAMP
  - ~ FAULT
  - - - CONDUCTIVE ZONE
  - ▬ CONDUCTORS

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**9912**  
NO.  
**Part 6 of 7**



N.T.S. 104 0/16

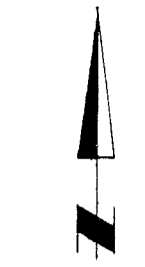
**CORDILLERAN ENGINEERING LTD.**  
MIDWAY PROPERTY - SOUTH GRID  
LAIRD MINING DIVISION - BRITISH COLUMBIA

**CONDUCTOR MAP**

<i>Glen E. White</i> geophysical consulting & services ltd.	Interpreted By <b>G.E.W.</b>
	Drawn By <b>M.E.P.</b>
	Checked By <b>G.E.W.</b>
	Date <b>NOVEMBER/81</b>
	Fig. No <b>2</b>



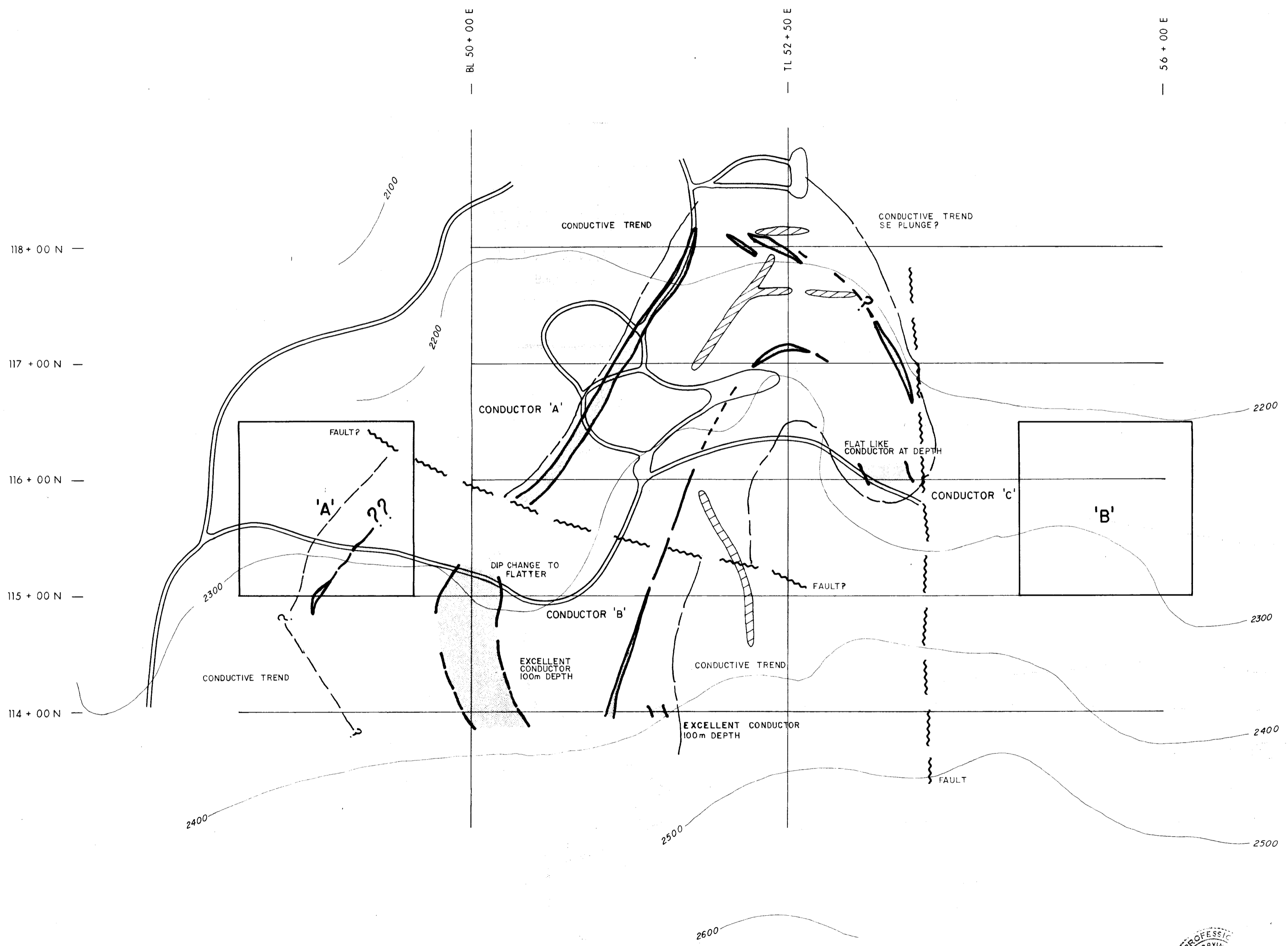
To Accompany Geophysical Report  
Midway Property  
Date **November/81**  
By **GLEN E. WHITE - B.Sc.** GEOPHYSICIST



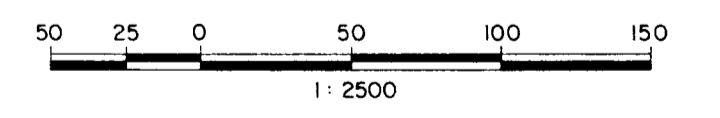
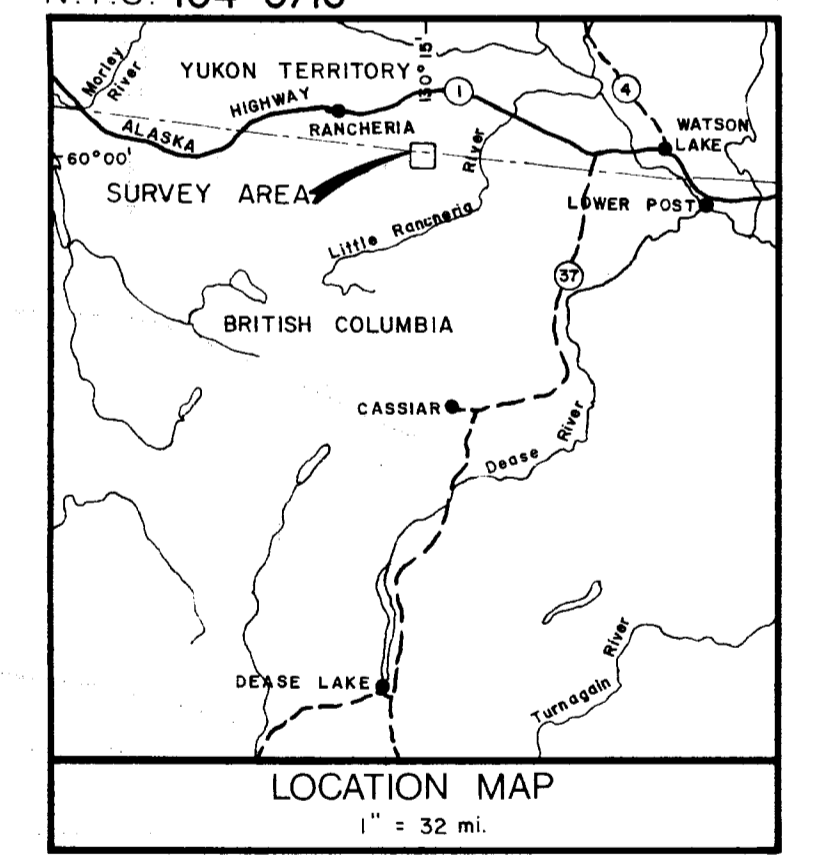
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**9912**  
NO.  
**Part 6 of 7**

**LEGEND:**

- ROAD
- STREAM
- SWAMP
- FAULT
- CONDUCTIVE ZONE
- CONDUCTORS
- TRENCH

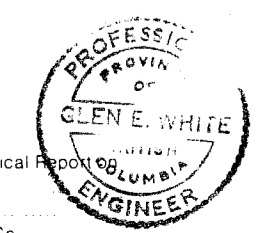


N.T.S. 104 0/16



**CORDILLERAN ENGINEERING LTD.**  
MIDWAY PROPERTY — SHOWING GRID  
LAIRD MINING DIVISION — BRITISH COLUMBIA

**CONDUCTOR MAP**



To Accompany Geophysical Report  
Midway Property  
Date October / 1981  
By GLEN E. WHITE - B.Sc.  
GEOPHYSICIST

Interpreted By: <b>G.E.W.</b>
Drawn By: <b>M.E.P.</b>
Checked By: <b>G.E.W.</b>
Date: <b>OCTOBER / 81</b>
Fig No: <b>6</b>