

84-#435-12540

O.K. ORE PROCESSING LTD.
GEOPHYSICAL REPORT

6

On A

VECTOR PULSE ELECTROMAGNETOMETER SURVEY
BOREHOLE PULSE ELECTROMAGNETOMETER SURVEY
KAMAD 7 CLAIMS
KAMLOOPS MINING DIVISION

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

Date of Work: Nov. 11-23, Dec. 3-6, 1983

Date of Report: Dec. 16, 1983

827 / 4w

51° 08' 119° 19'

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,540

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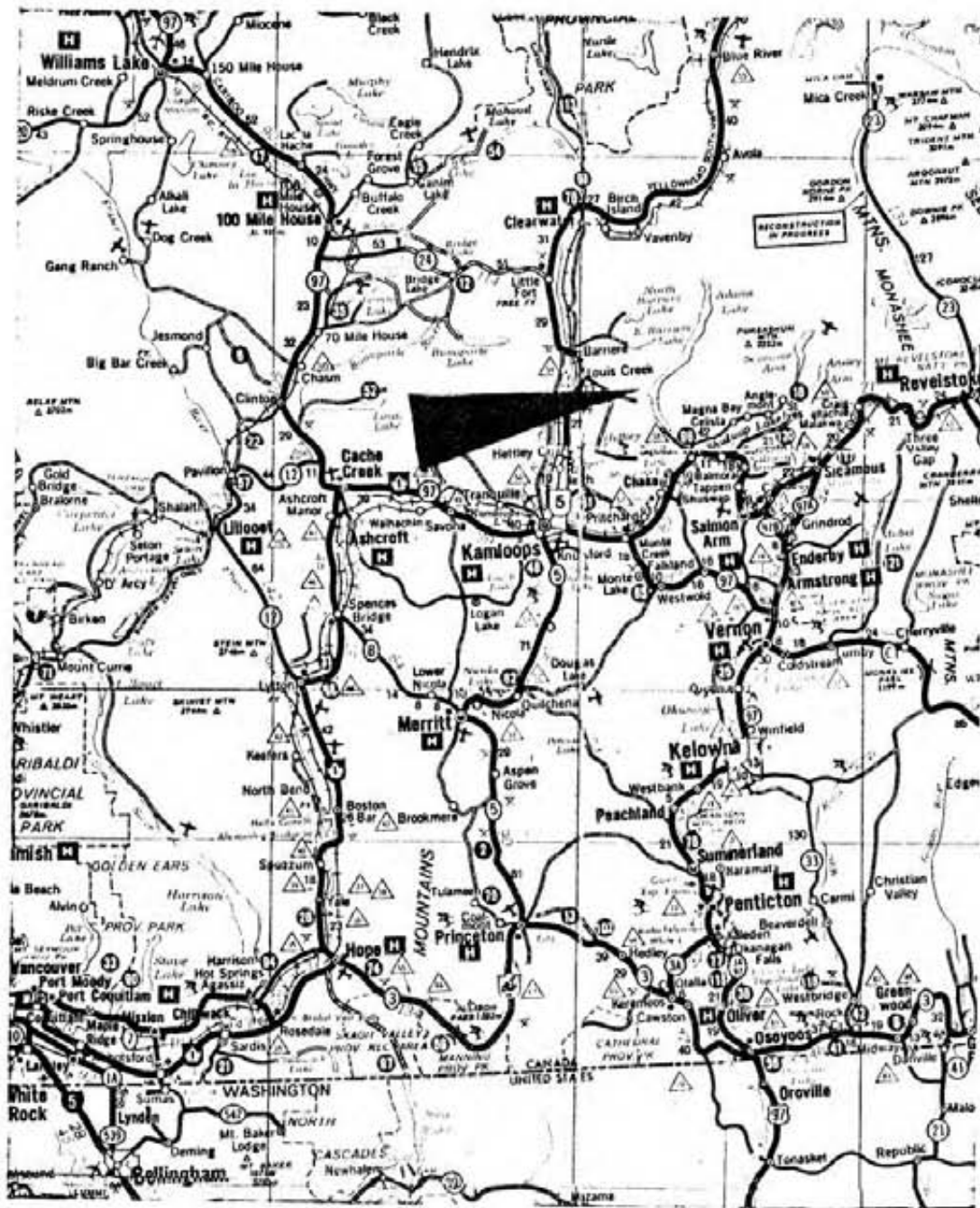
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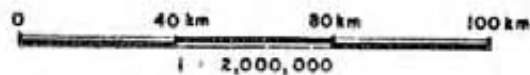
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INTRODUCTION

During November of 1983, Glen E. White Geophysical Consulting and Services Ltd. conducted a program of vector pulse electromagnetometer surveying on the KAMAD 7 claims on behalf of O.K. Ore Processing Ltd. This survey consisted of 17 kilometres of coverage from three transmitter loop setups. The objective of the survey is to delineate conductor trends and infer attributes of position, depth and dip.

Immediately upon completion of the survey diamond drill holes were spotted and three conductor trends were drilled. The first of these drillholes was tested with the downhole pulse electromagnetometer technique with the objective of detecting an off-hole source beneath the strong intersected conductor.

The KAMAD 7 claims are situated in the Adams Lake area near Sinmax Creek, approximately 70 km northeast of Kamloops, British Columbia.

VECTOR PULSE ELECTROMAGNETOMETER SURVEY

The Crone pulse electromagnetometer 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% of 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.

BOREHOLE PULSE ELECTROMAGNETOMETER SURVEY

The borehole pulse EM system is a time domain downhole EM instrument capable of detecting conductive mineralization intersected by the drillhole or lying offhole. The borehole pulse EM utilizes a special downhole receiver coil, 500m cable and winch gear in conjunction with the PEM receiver electronics and 500 watt transmitter apparatus normally employed in ground PEM surveys.

The primary field is produced by a 150 m square surface loop which is driven by the PEM transmitter with a 20 amp reversing pulsed current of 10.8 ms or 21.6 ms on to off time. The receiver obtains eight samples of the time derivative of the secondary field at times, on the 10.8 ms time base, ranging from .15 to 8.85 ms after primary field shut off.

Multiple transmitter loops may be used to provide various loop to conductor coupling geometries in order to obtain conductor attitude and position information. A complete survey of a given borehole may entail logging the hole from five transmitter loop setups. One of these loops would be approximately centered over the area of interest with the remaining four loops away from and distributed around the borehole.

When a conductor response is observed in a borehole log from a single transmitter loop, the nature of this anomaly allows the determination of the location of the conductive source relative to the drillhole. The response can indicate whether the borehole is intersecting the center of the conductor, the margin of a conductor, with the bulk of conductive material away from the hole, or

whether the conductor is entirely off-hole. In the case of a dike-like or tabular conductor, the magnitude of the anomaly obtained varies with the angle that the primary field cuts the conductor. Thus, the degree to which coupling is obtained to the conductor in coverage of a borehole from several loop setups will provide accurate information on the attitude and position of the conductive mineralization. Model study curves for various conductor to borehole geometries are employed in this interpretation from Dennis Woods M.A. thesis Queen's University, 1975. As well, computer plate modelling is supported for offhole cases. If the conductor tends towards a more spheroidal shape, the anomaly character will change, as well as its magnitude, when the primary field angle is altered. This occurs because the eddy currents are not constrained to flow within a conductive sheet. Thus, multiple transmitter loop coverage can also provide information on the shape of a conductive body.

In practice the responses observed in field situations are much more complex than those of simple models, but these results are sufficiently interpretable that the method has general acceptance and a number of discovery case histories exist.

DISCUSSION OF RESULTS

Vector Pulse Electromagnetometer Survey

The vector pulse E.M. data is displayed in component form in Figures 3-94. The information from transmitter loops A and C, which provide the best overall coverage of the zones have been used to produce the composite profile map illustrated on Figure 2. On this map the sum of the horizontal component and the first derivative filtered vertical component have been plotted such that anomalous responses occur as minima. Channels 2,4 and 6 have been selected to represent the secondary field decay behavior in order to provide an assessment of conductor quality.

The survey disclosed the presence of a number of conductors, from very strong eight channel responses of great depth extent to weak one or two channel anomalies.

These trends, illustrated on Figure 2, fall into two general systems of conductors: The western group, Conductors A-G show a general dip, where interpretable, of approximately 40° to the northeast. The eastern group, Conductors I,J appear to be somewhat steeper dipping, perhaps 60° to the northeast. In general both conductor groups tend to become more shallow towards the north of the grid.

The longest strike length feature is conductor A, which is traced over approximately 1500 metres, and remains open to the south. This major zone is flanked by somewhat weaker conductors which are traced over more

limited strike length. With respect to these flanking conductors' association to Conductor A, it may be inferred that Conductors G,D and E are stratigraphically related. As well, Conductors B and C and A and F are probably similarly related.

Conductors A,G and H undergo a termination between lines 100S and 200S and Conductor I is apparently off set. Although Conductors B and J are seemingly unaffected there is enough evidence to raise the possibility of cross fault disturbance to the zones in this area.

Conductor I is clearly manifested as a shallow early channel feature on lines 00N and 100S and weakens to the south. The zone appears as an inverted polarity response on 500S and 600S and is again clearly defined on 700S. The depth to the zone in this area is approximately 100 metres. To the south of this the influence of the conductor is felt in the last readings of 800S and 900S and the zone is clearly intercepted on line 1000S.

Conductor J is not observed to continue north of line 100S nor south of line 300S. The area of best response occurs near line 300S.

At the present time the anomalies associated with Conductors F,H and I remain open to the north and those of A,E and I remain open to the south.

Borehole Pulse Electromagnetometer Survey

The Conductor A,C, and D area was tested by a diamond drillhole collared at 300E on line 700S drilled to the southwest at -70° . This zone intersected strong graphite. The hole was logged from five transmitter loops in order to provide a range of primary field directions in order to assure coupling. A small loop test was also run to provide a test at higher induction numbers.

The responses observed, illustrated on Figures 95-100, show a strong intersected response centred on the 70 metre depth.

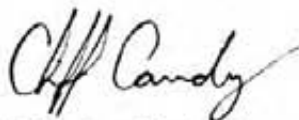
The response is of the usual intersected conductor type in the downdip loops, N and E, and in the inloop data. A reversed polarity response is evident from the updip loops, W and S. The overall response can be broken down into four discrete zones, the strongest of which occurs at 70 metres. The other features that make up the intersected graphite response, are best illustrated on Figure 97 and occur at 80, 95 and 110 metres. A very minor intersected response occurs at 160 metres in the inloop and E loop, Figures 95,97. No evidence of off-hole sulphide mineralization. As well, no end of hole response is evident which might result if a conductor were beyond the end of the hole.

SUMMARY AND CONCLUSIONS

Glen E. White Geophysical Consulting and Services Ltd. conducted a program of vector pulse electromagnetometer surveying and borehole pulse electromagnetometer surveying on the KAMAD 7 claims on behalf of O.K. Ore Processing Ltd. The vector pulse E.M. survey delineated eleven conductor trends in coverage from three transmitter loops. These trends were found to be northeasterly dipping with those to the southeast, of flatter dip. The conductors tend to become somewhat more shallow to the north.

The borehole pulse electromagnetometer survey shows a very strong response correlated with the graphite intersection in drillhole 1. No evidence was seen of conductive sources off-hole or beyond the end of the hole in the borehole logs.

Respectfully submitted,

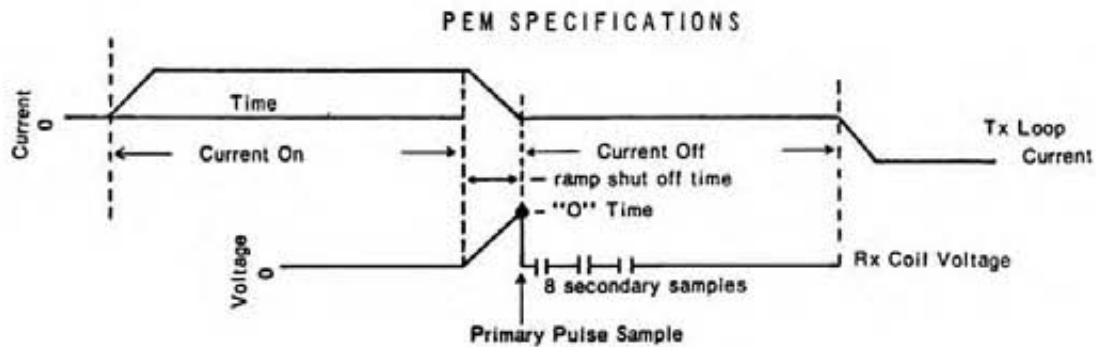


Cliff Candy B.Sc.,

Geophysicist,



Glen E. White B.Sc., P.Eng.
Consulting 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 μ s
 Zero time set at drop off point of primary pulse

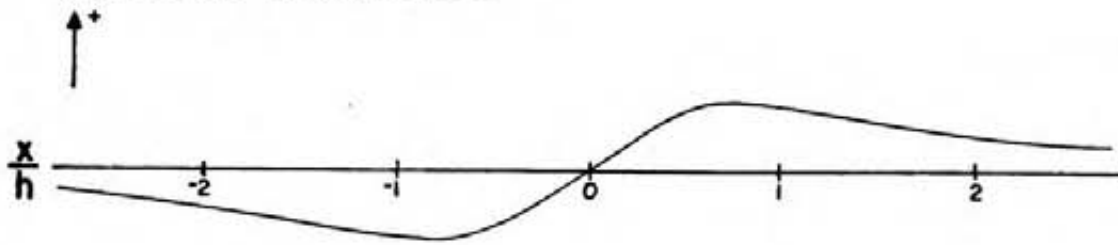
TRANSMITTER — Transmitter power and loop size may be increased to obtain increased penetration. Weight, portability and power capabilities of the control instrument are the limiting factors. The standard transmitter is designed to be carried by two men.

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	

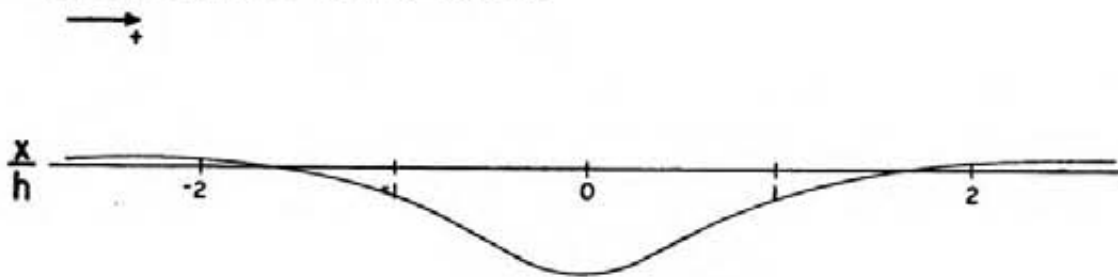
RECEIVER

- Receive coil dimensions: 55cm x 15cm (22" x 6")
- Receive coil weight: 4.5 kilos (10 lb)
- Preampifier in coil
- Preampifier 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

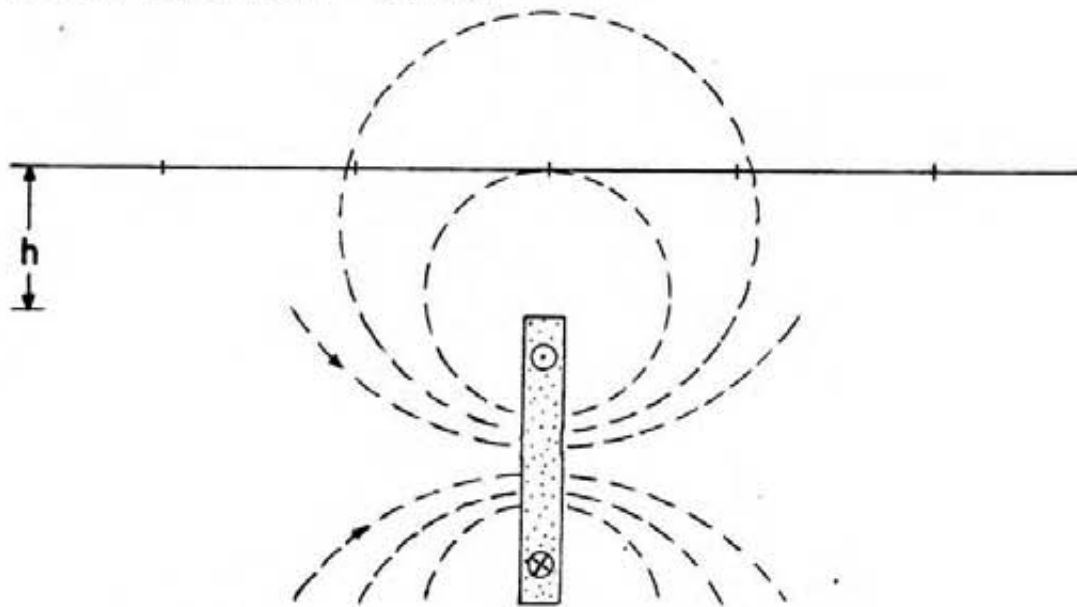
VERTICAL COMPONENT



HORIZONTAL COMPONENT

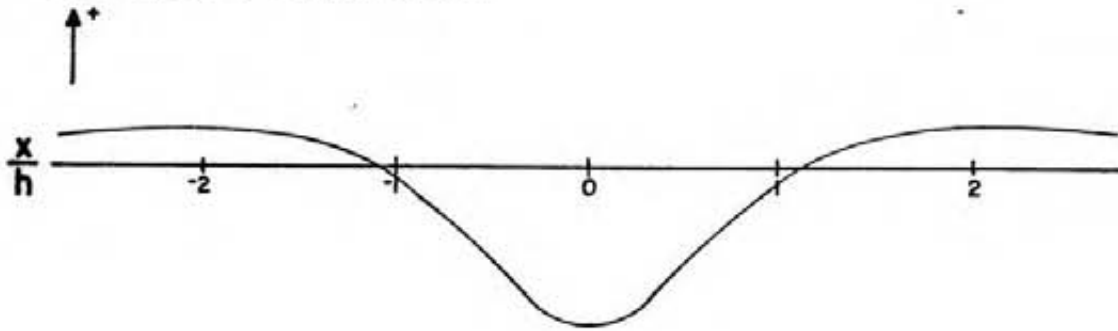


VPEM ANOMALY SHAPE

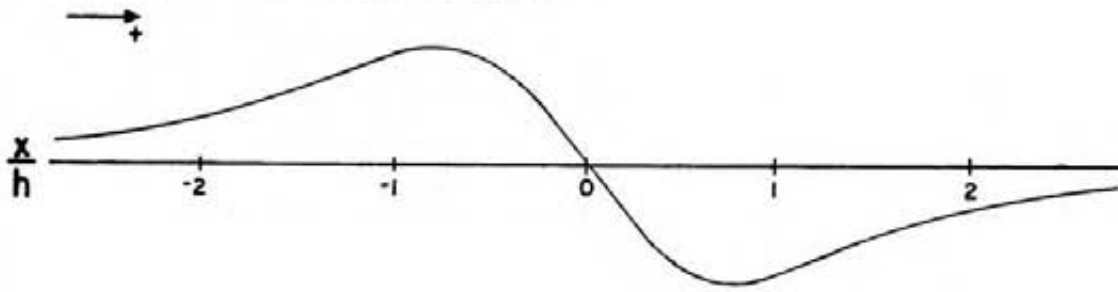


STEEPLY DIPPING TABULAR BODY

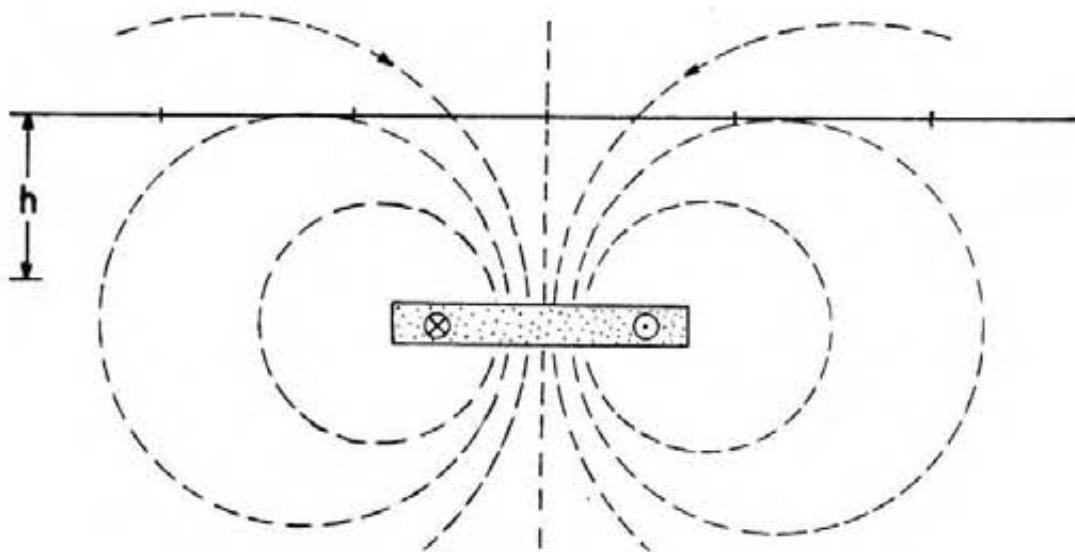
VERTICAL COMPONENT



HORIZONTAL COMPONENT

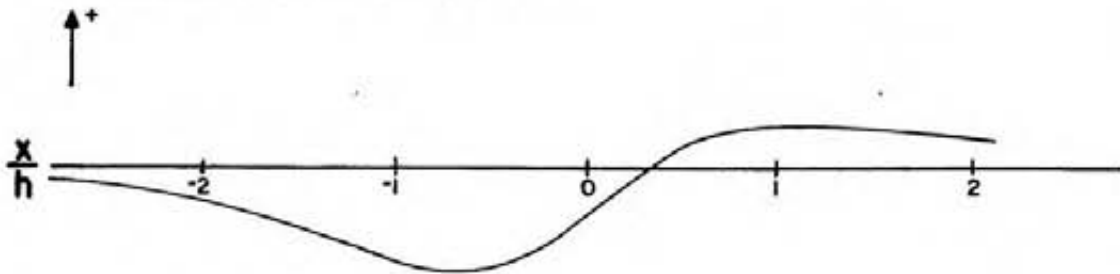


VPEM ANOMALY SHAPE

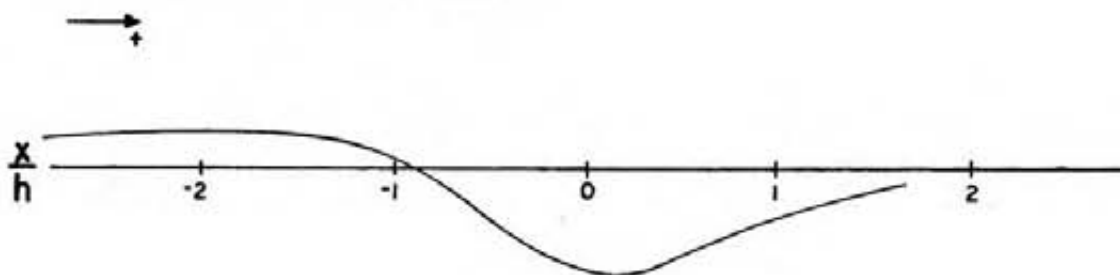


FLAT LYING TABULAR BODY

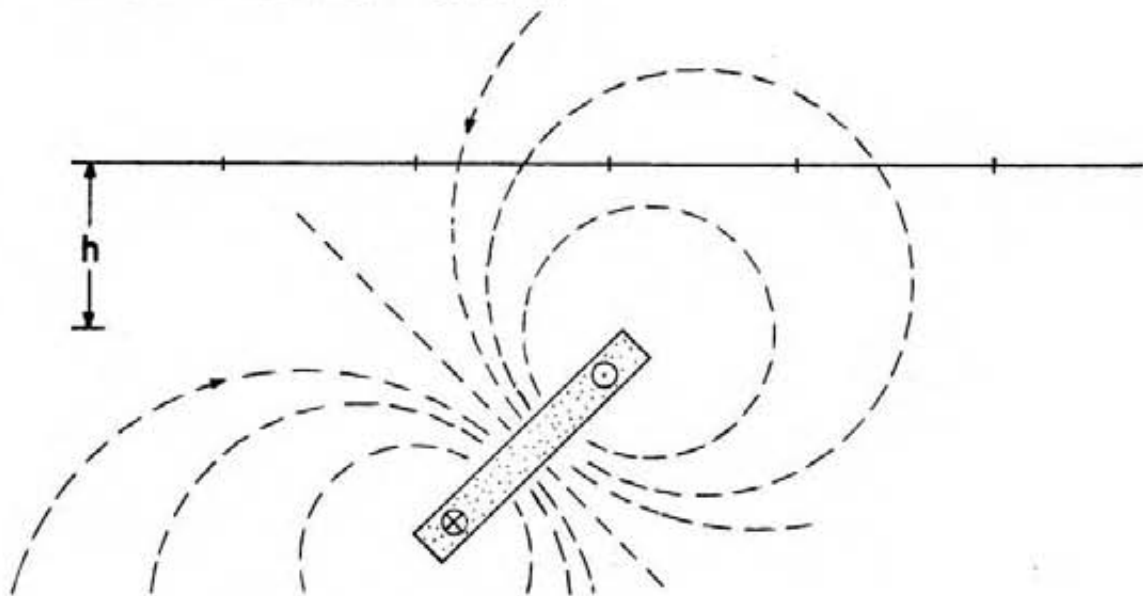
VERTICAL COMPONENT



HORIZONTAL COMPONENT



VPEM ANOMALY SHAPE



INCLINED TABULAR BODY

STATEMENT OF QUALIFICATIONS

Name: CANDY, Clifford, E.
Profession: Geophysicist
Education: B.Sc., Geophysics
University of British Columbia
Professional Associations: Society of Exploration Geophysicists
British Columbia Geophysical Society
Experience: Six years Geophysicist with Glen E.
White Geophysical Consulting and Services
Ltd., with work in B.C., Yukon, Quebec,
Saskatchewan, southwestern 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.

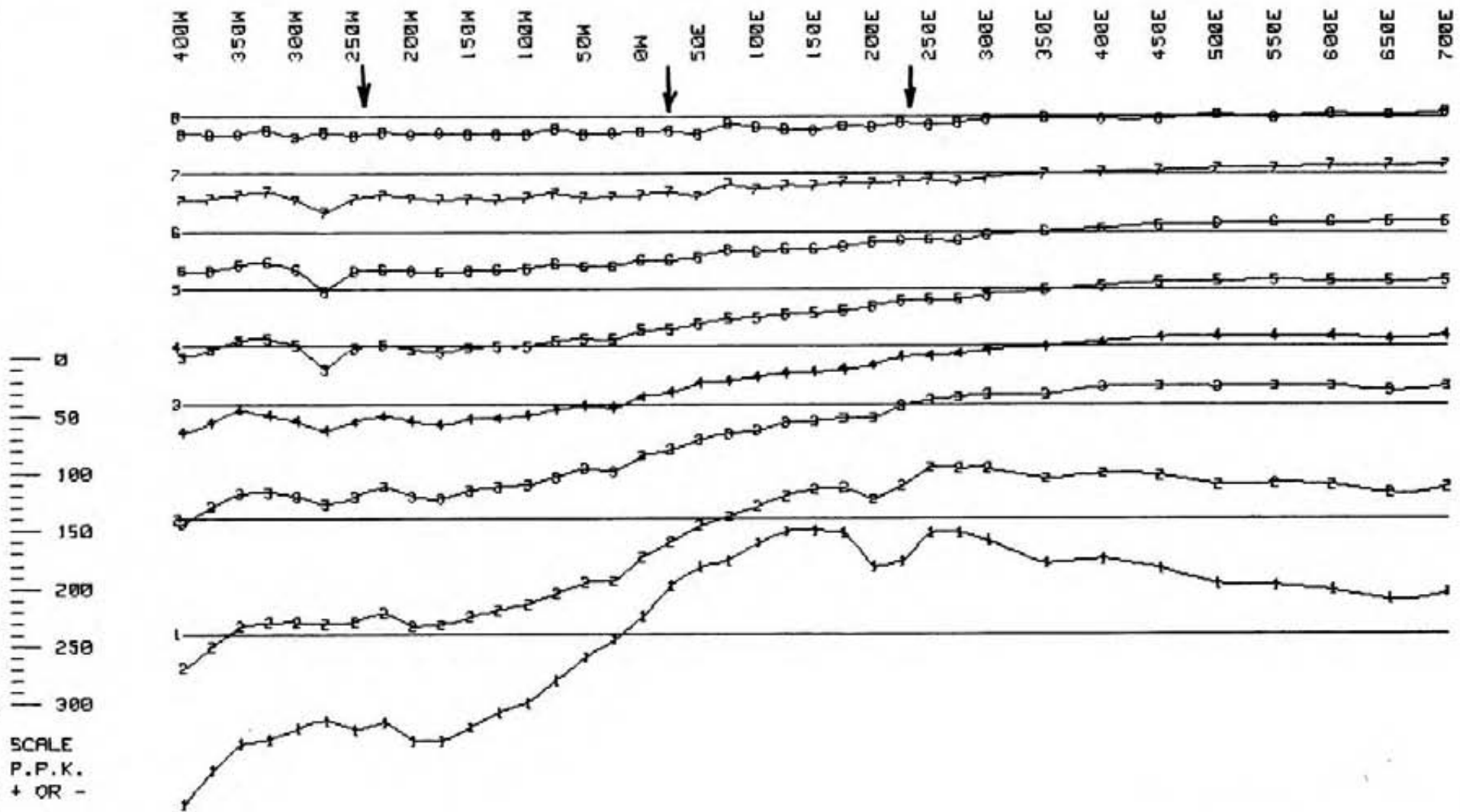
Two years Chief Geophysicist Tri-Con Exploration Surveys Ltd.

Twelve years Consulting Geophysicist.

Active experience in all Geologic Provinces of Canada.

VECTOR PULSE ELECTROMAGNETOMETER COMPONENT PROFILES

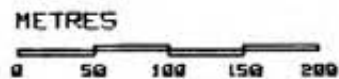
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



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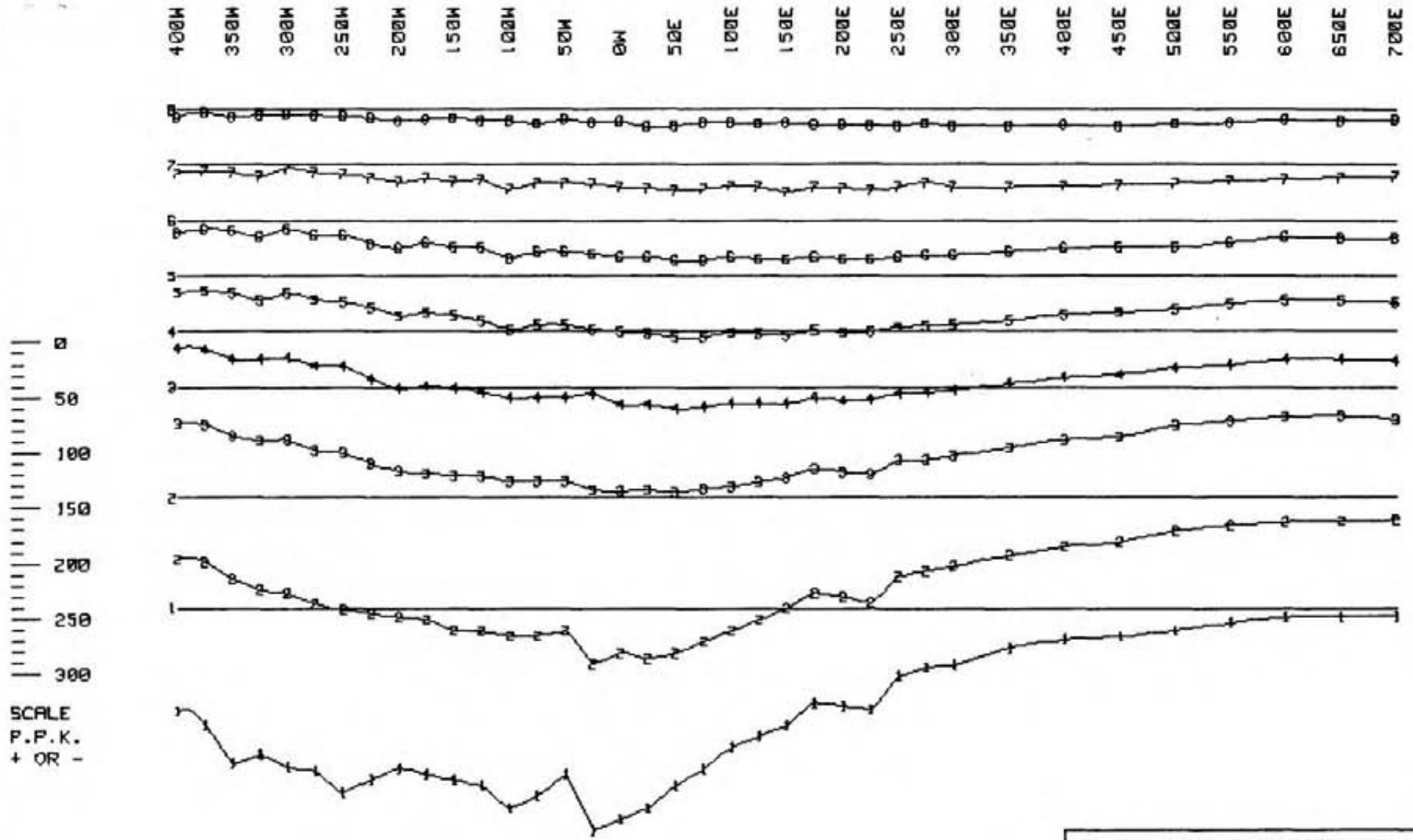
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00N LOOP A

DATE: NOV/83 FIG.: 3



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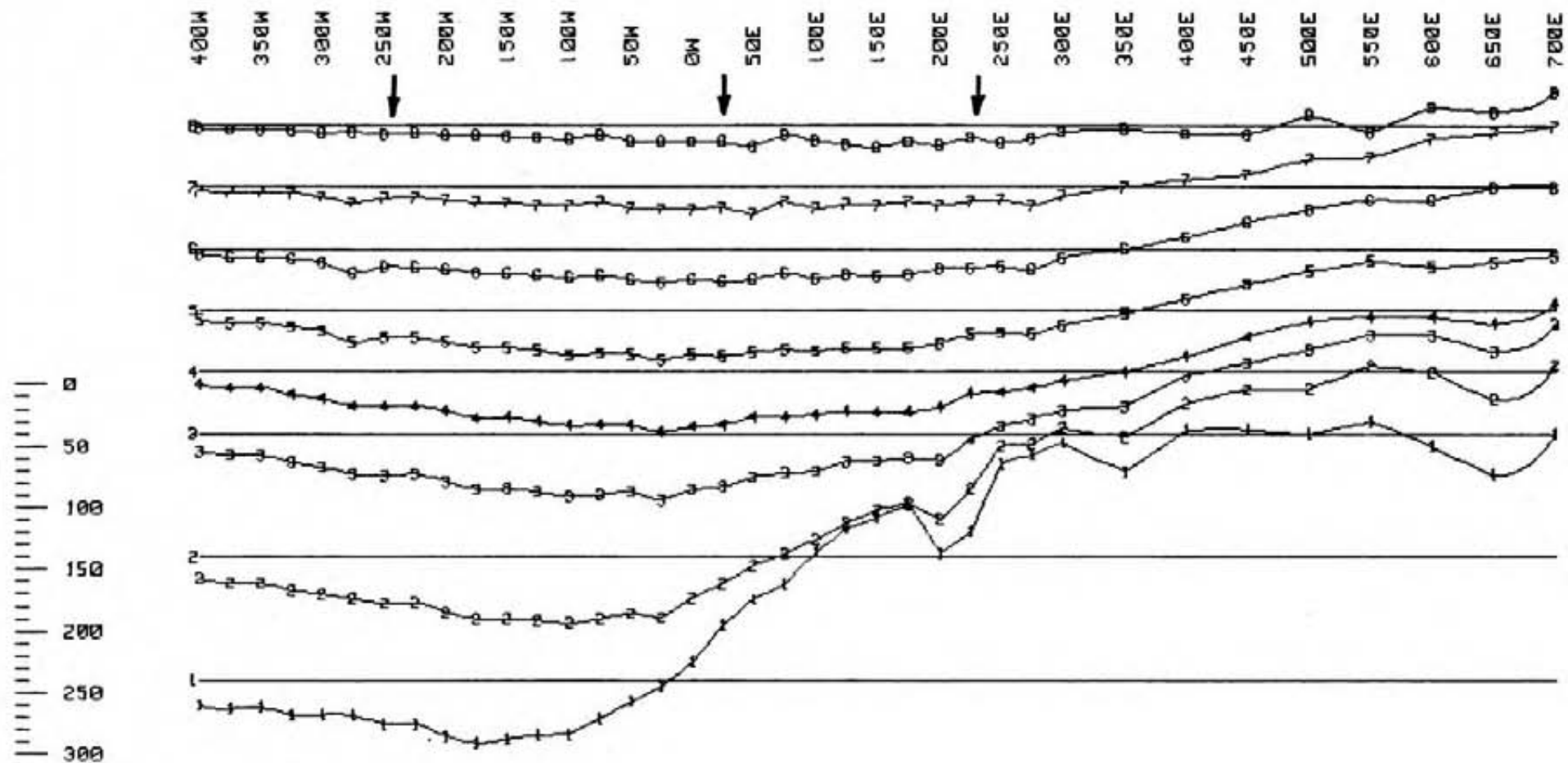
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00N LOOP A

DATE: NOV/83 FIG.: 4



SCALE
P.P.K.
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GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



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KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 08N LOOP A

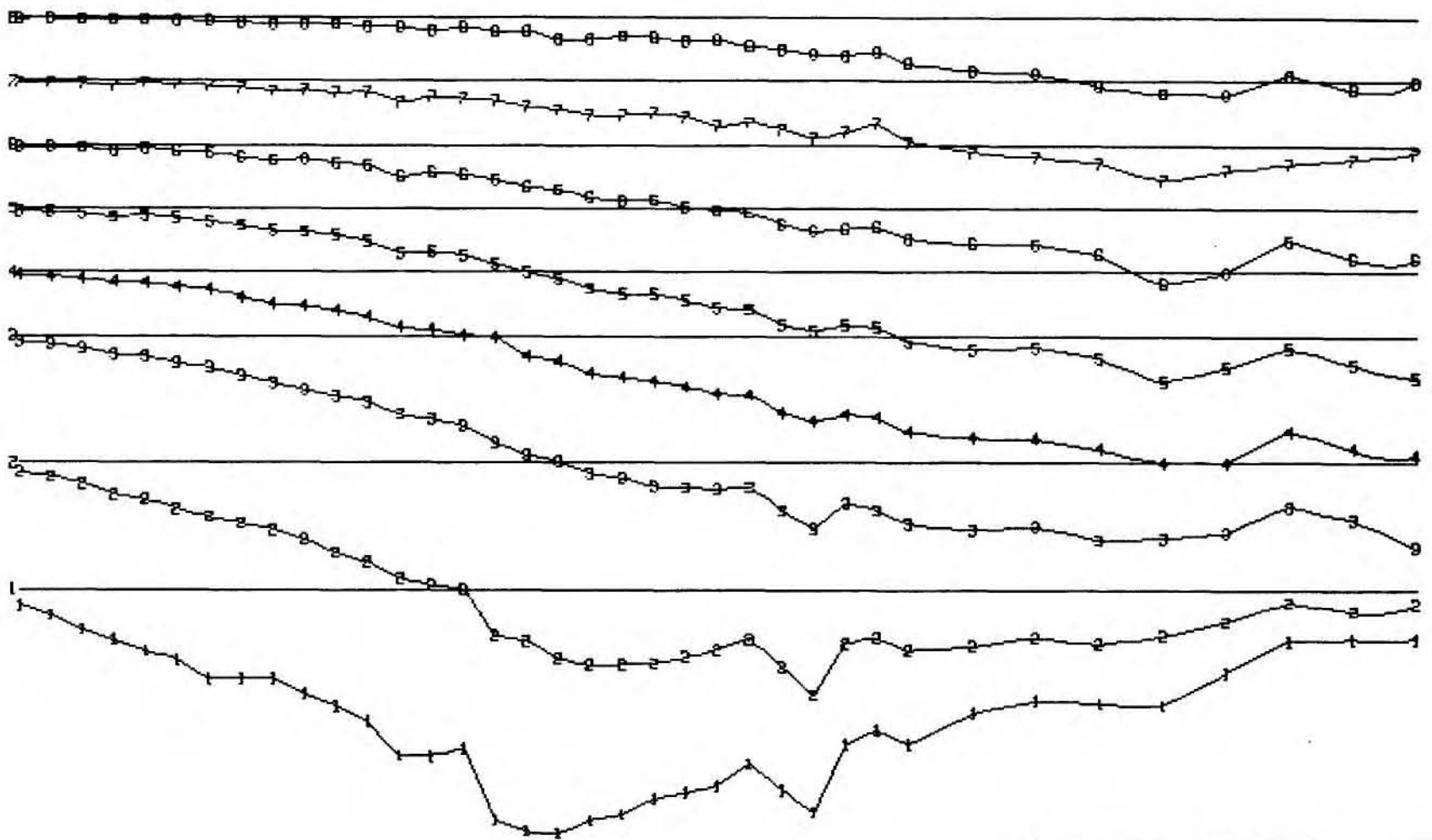
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FIG.: 5

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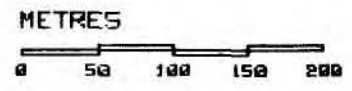
0
50
100
150
200
250
300

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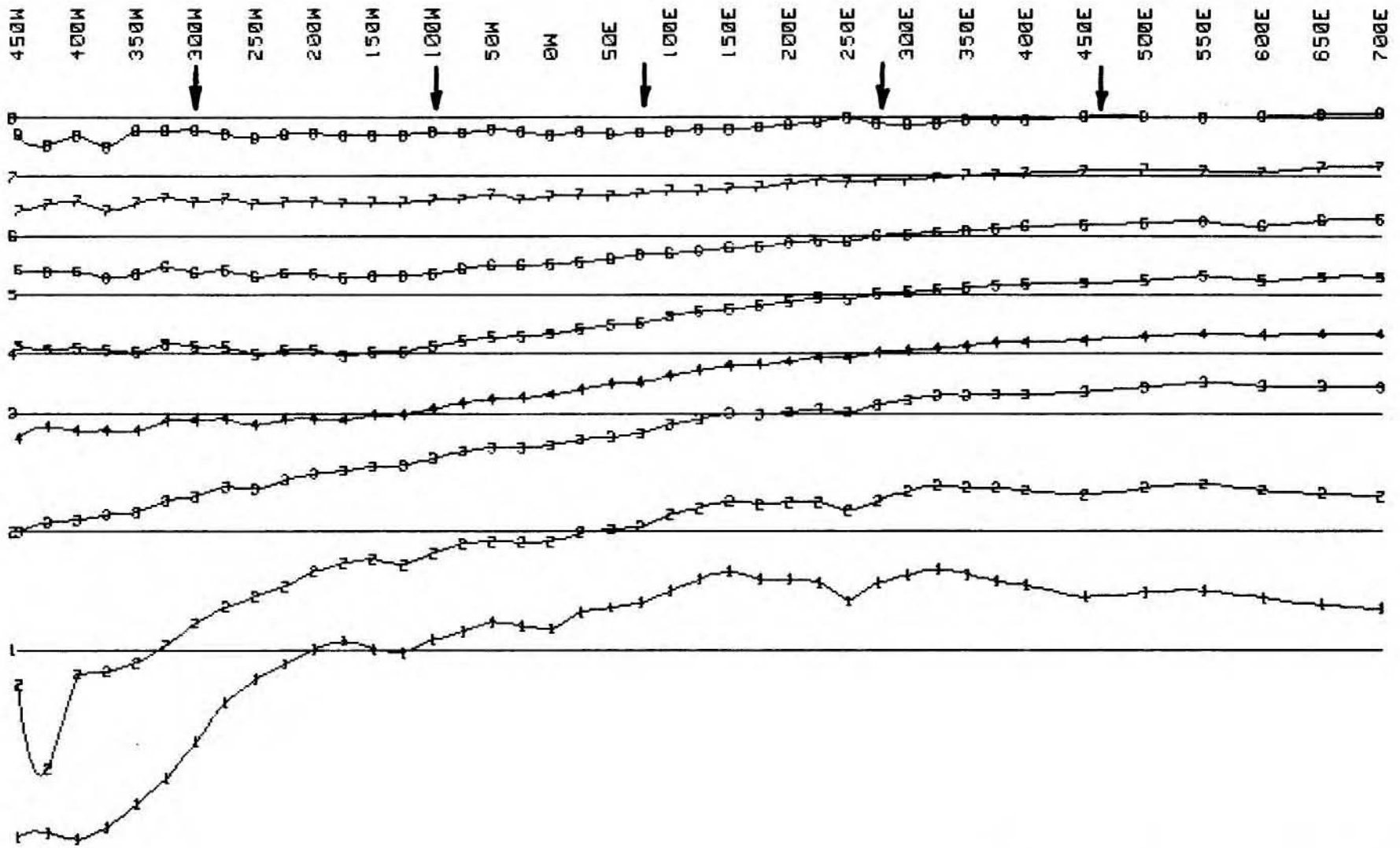
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



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KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00N LOOP A

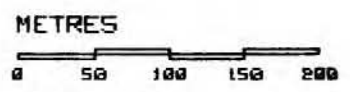
DATE: NOV/83 FIG.: 6



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& SERVICES LTD.

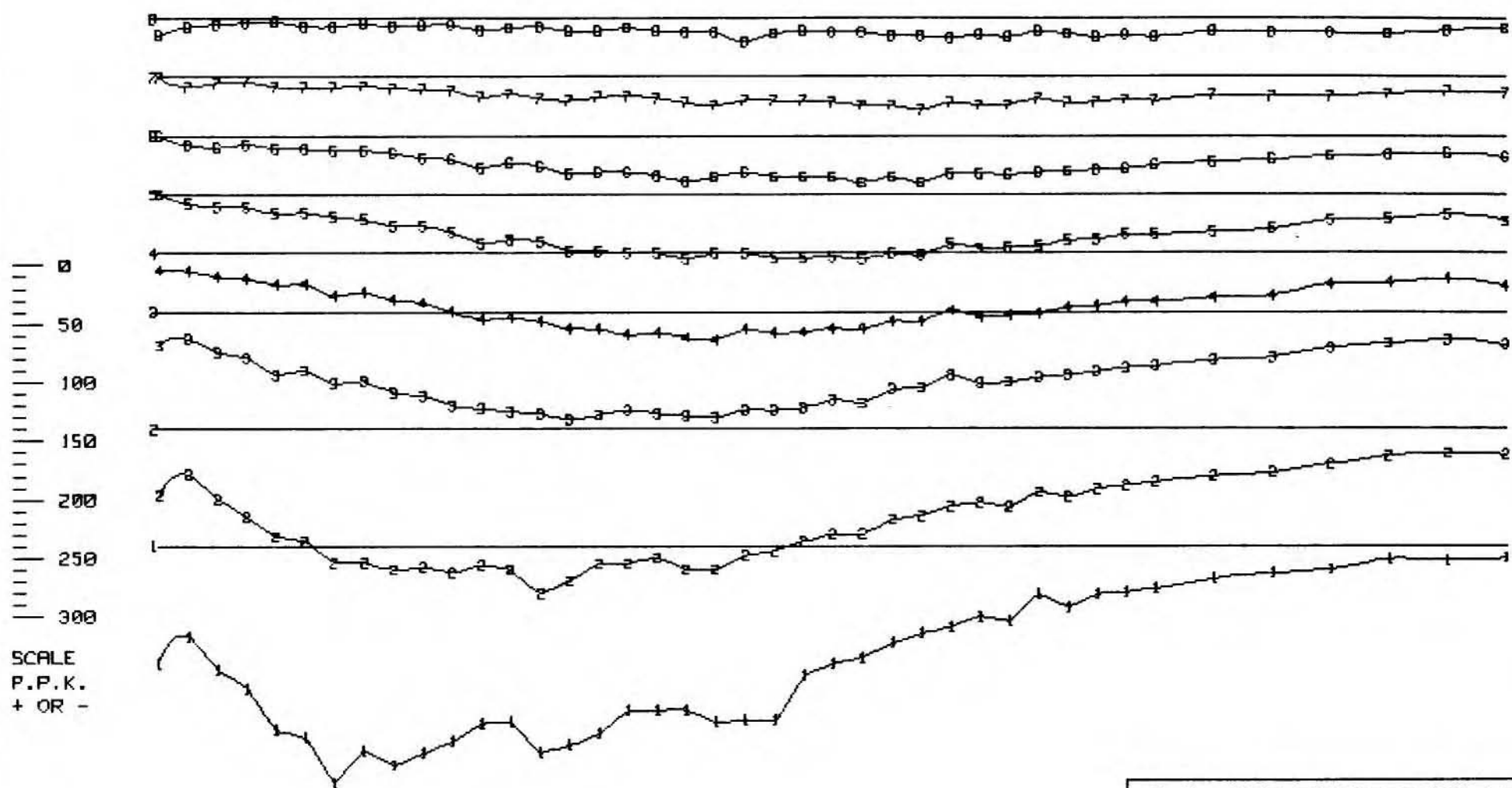
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INSTRUMENT: CRONE P.E.M.



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KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100S LOOP A

DATE: NOV/83 FIG.: 7

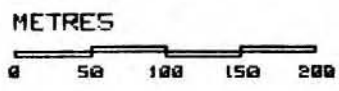
450W 400W 350E 300E 250E 200E 150W 100W 50E 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
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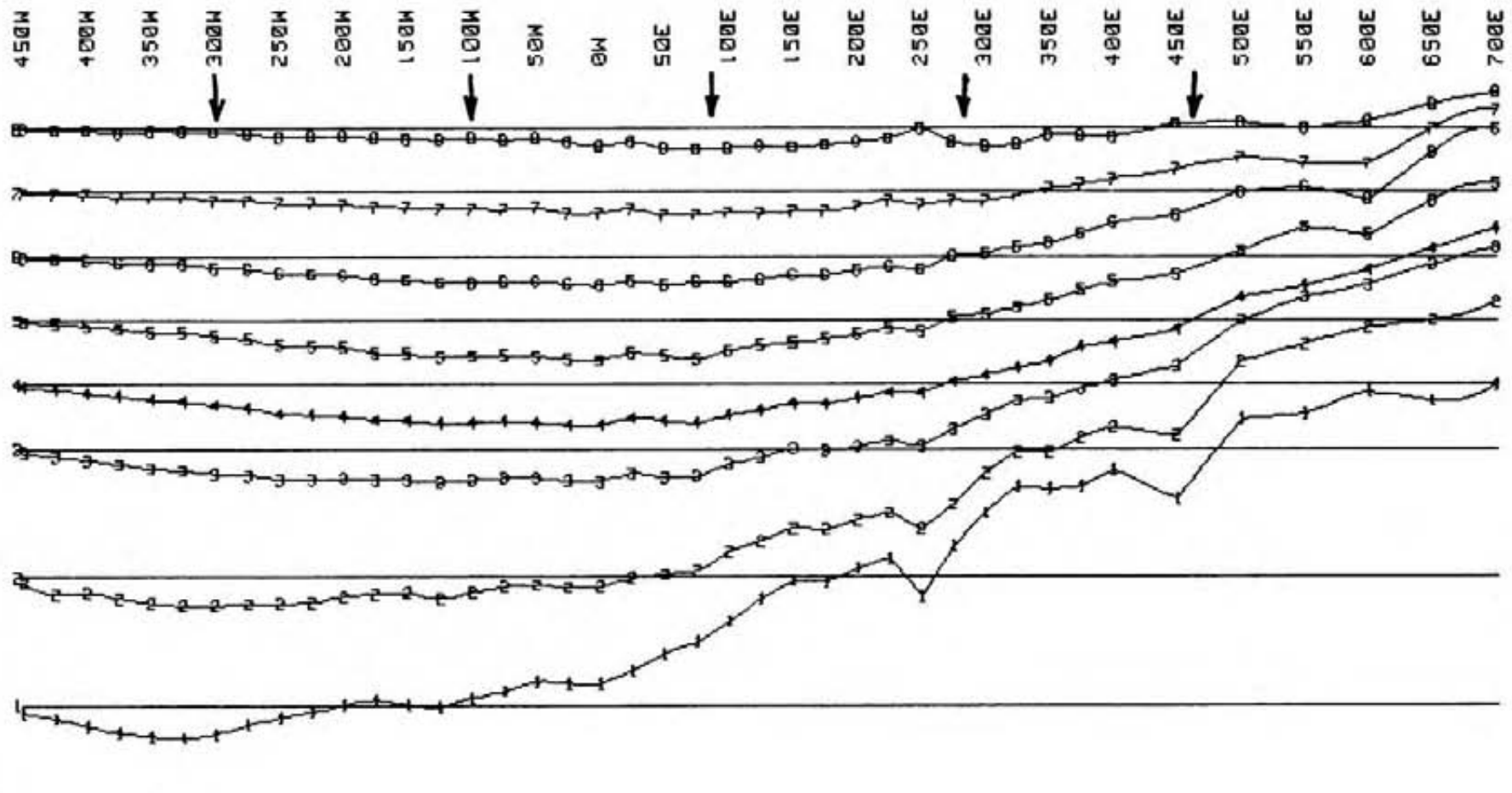
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100S LOOP A

DATE: NOV/83 FIG.: 8



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GEOPHYSICAL CONSULTING
& SERVICES LTD.

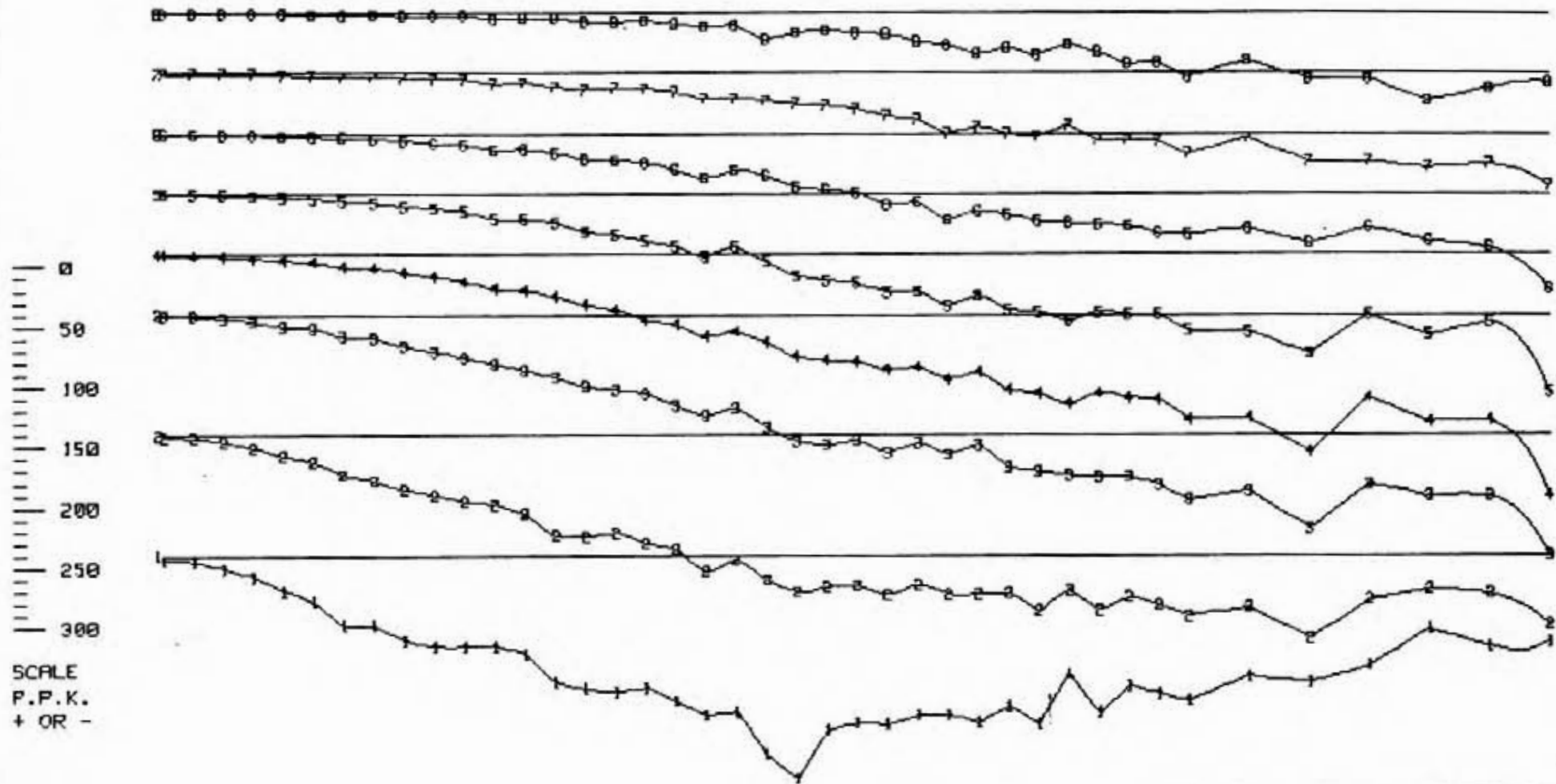
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INSTRUMENT: CRONE P.E.M.



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KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100S LOOP A

DATE: NOV/83 FIG.: 9

450W 400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

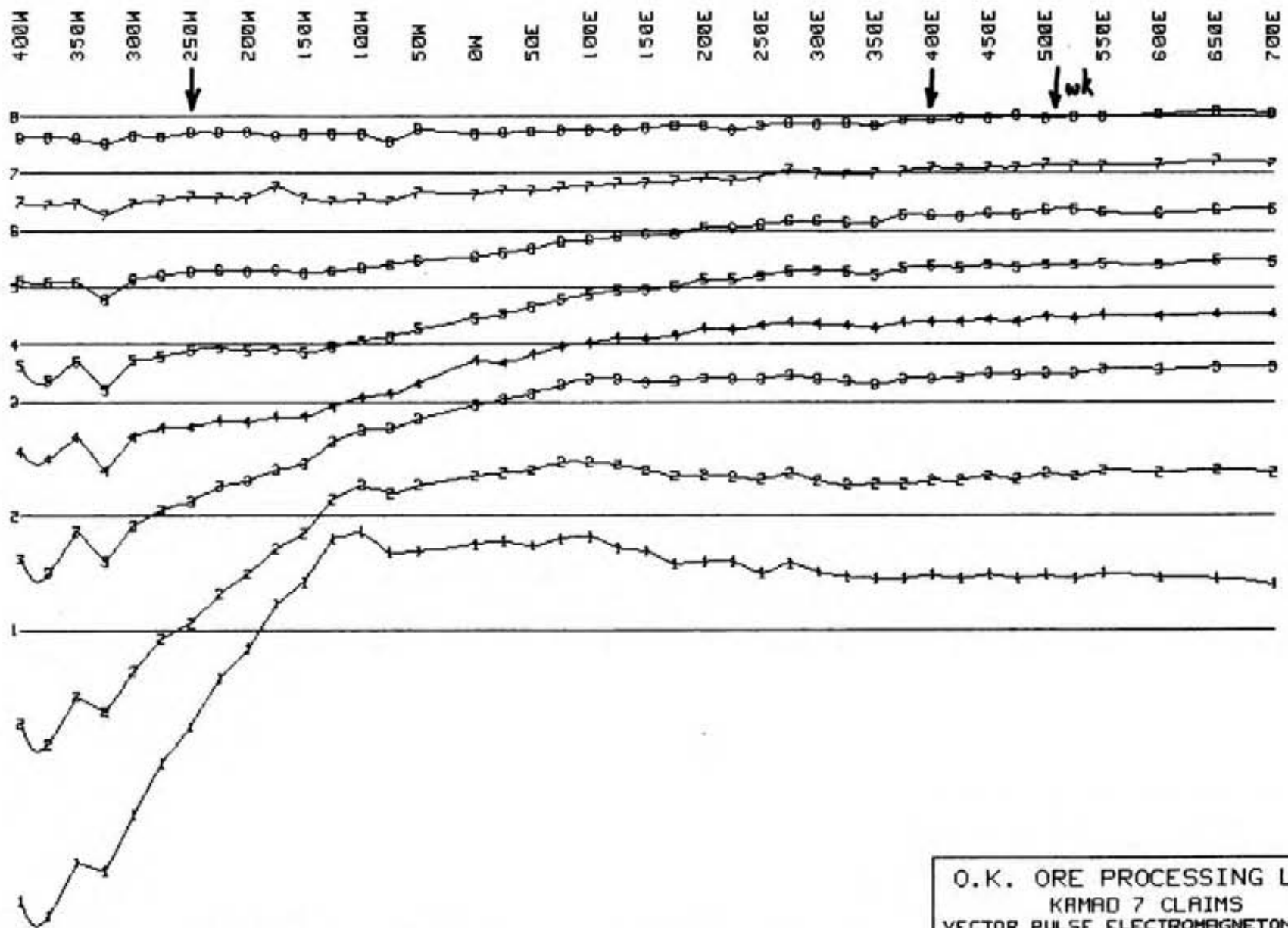
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



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KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100S LOOP A

DATE: NOV/83

FIG.: 10



SCALE
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& SERVICES LTD.

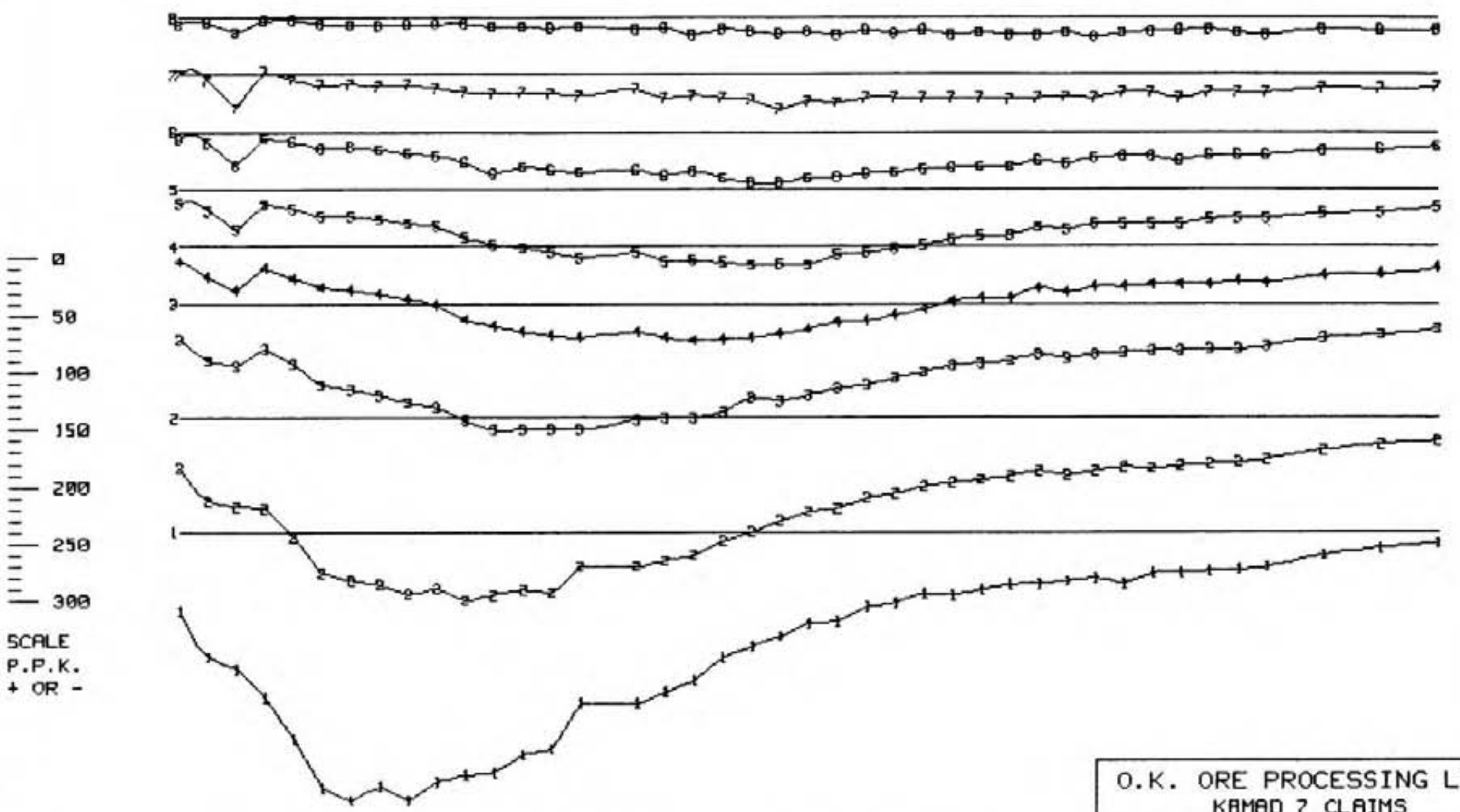
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200S LOOP A

DATE: NOV/83 FIG.: 11

400M 350M 300M 250M 200M 150M 100M 50M 0M 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E

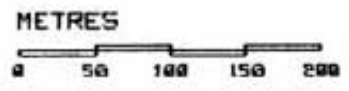


0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

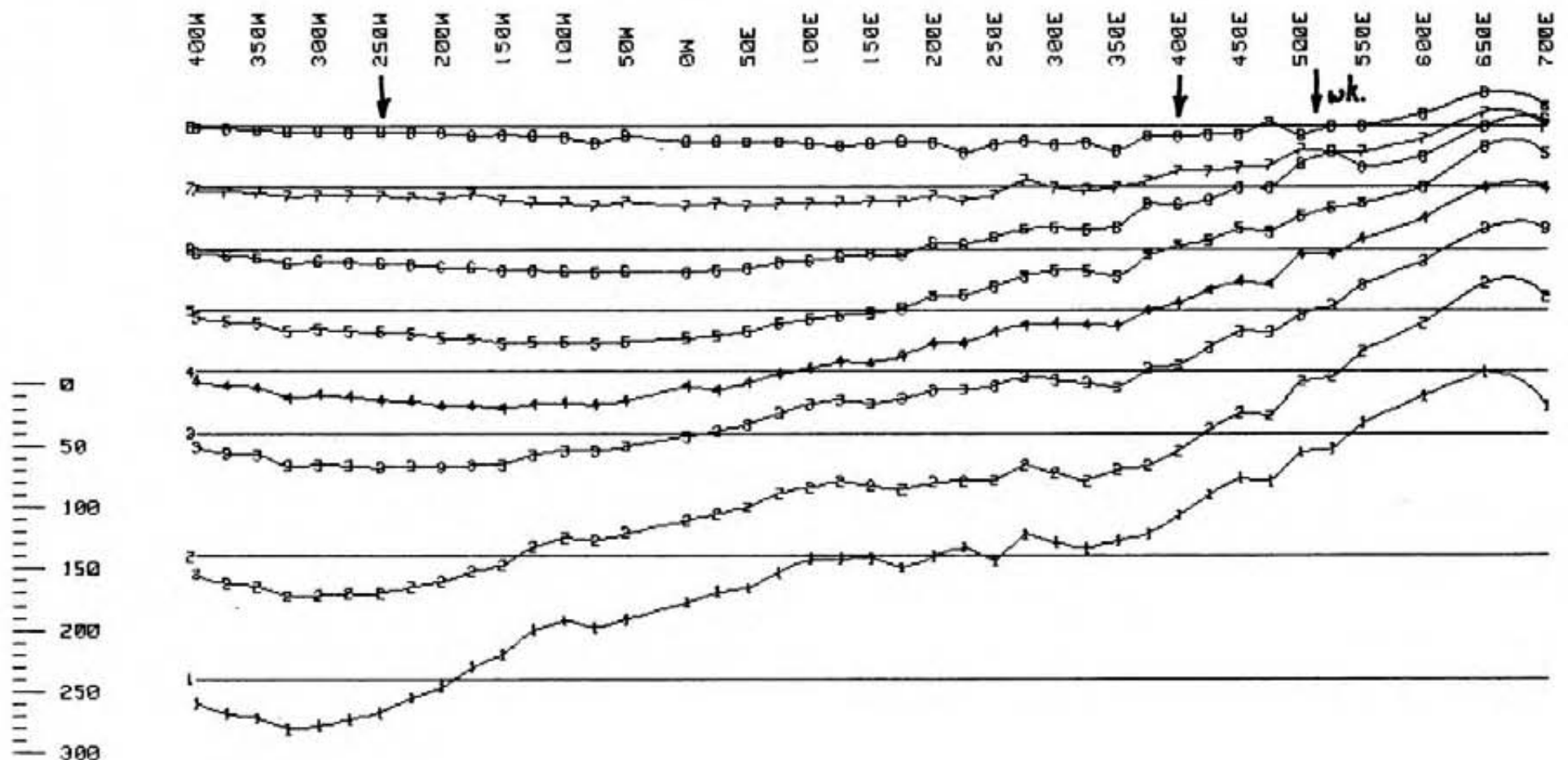
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200S LOOP A

DATE: NOV/83 FIG.: 12



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

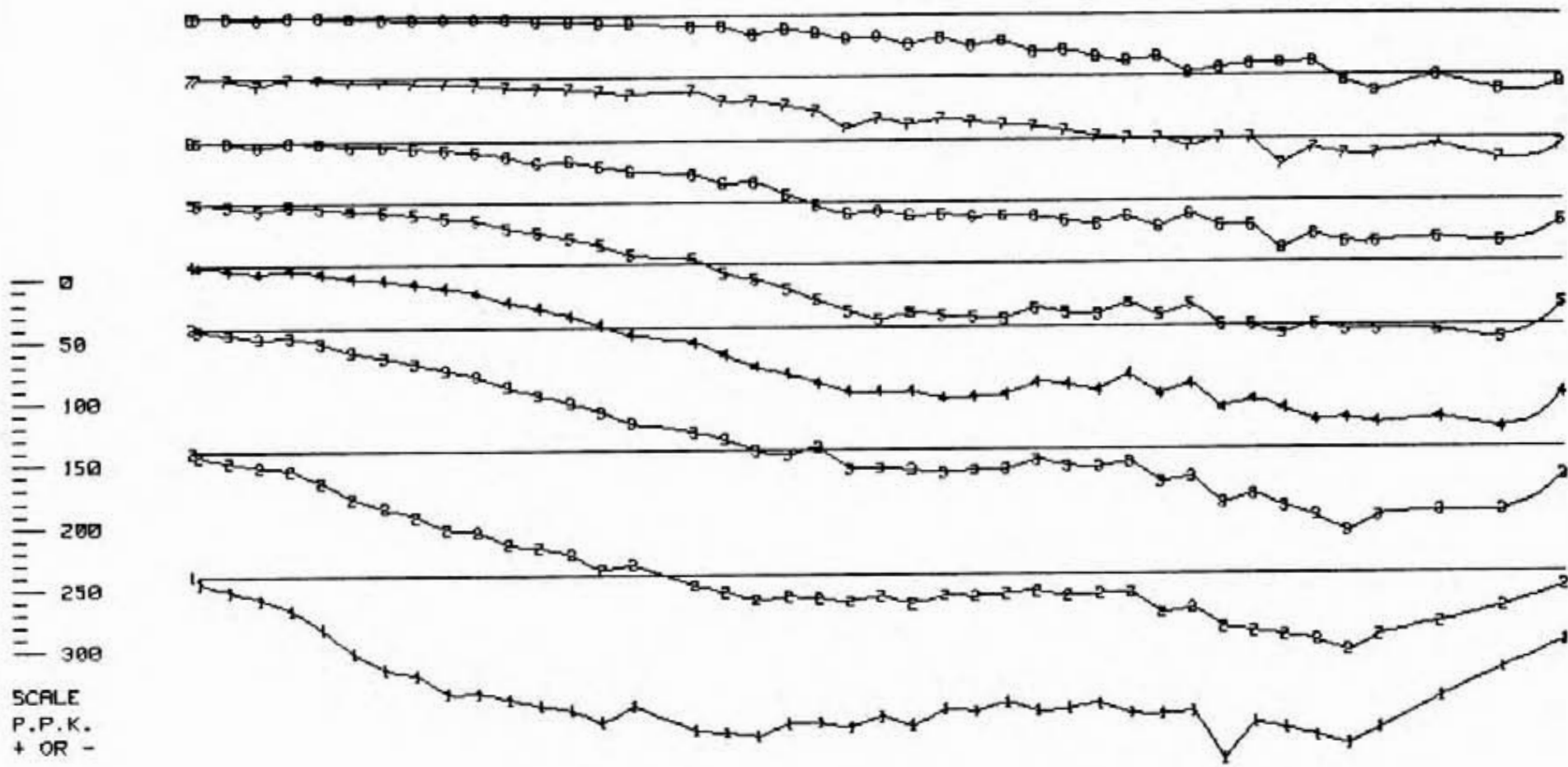
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200S LOOP A

DATE: NOV/83	FIG.: 13
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400M 350M 300M 250M 200M 150M 100M 50M 0M 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E

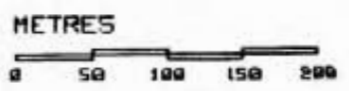


0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

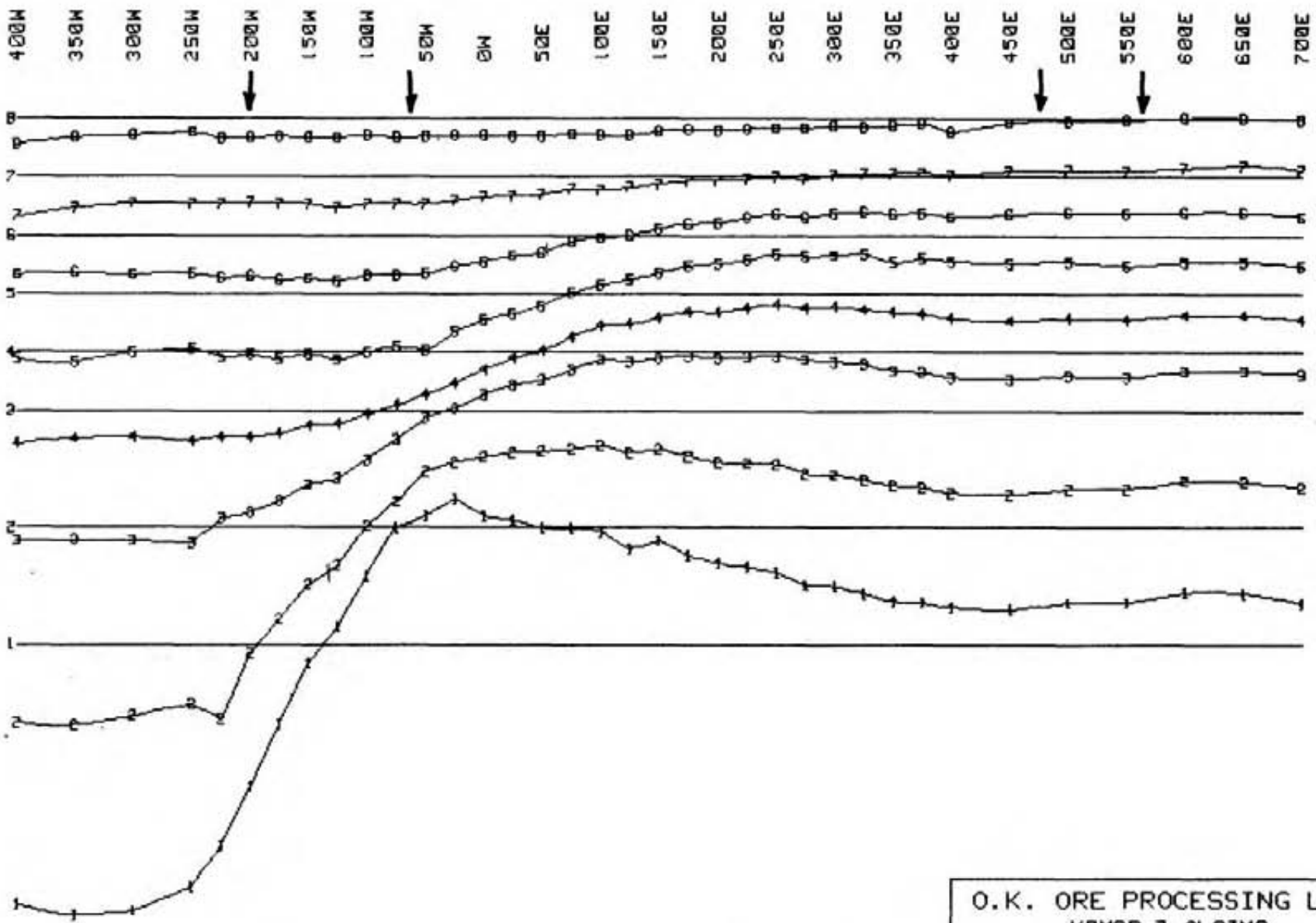
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200S LOOP A

DATE: NOV/83

FIG.: 14



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.



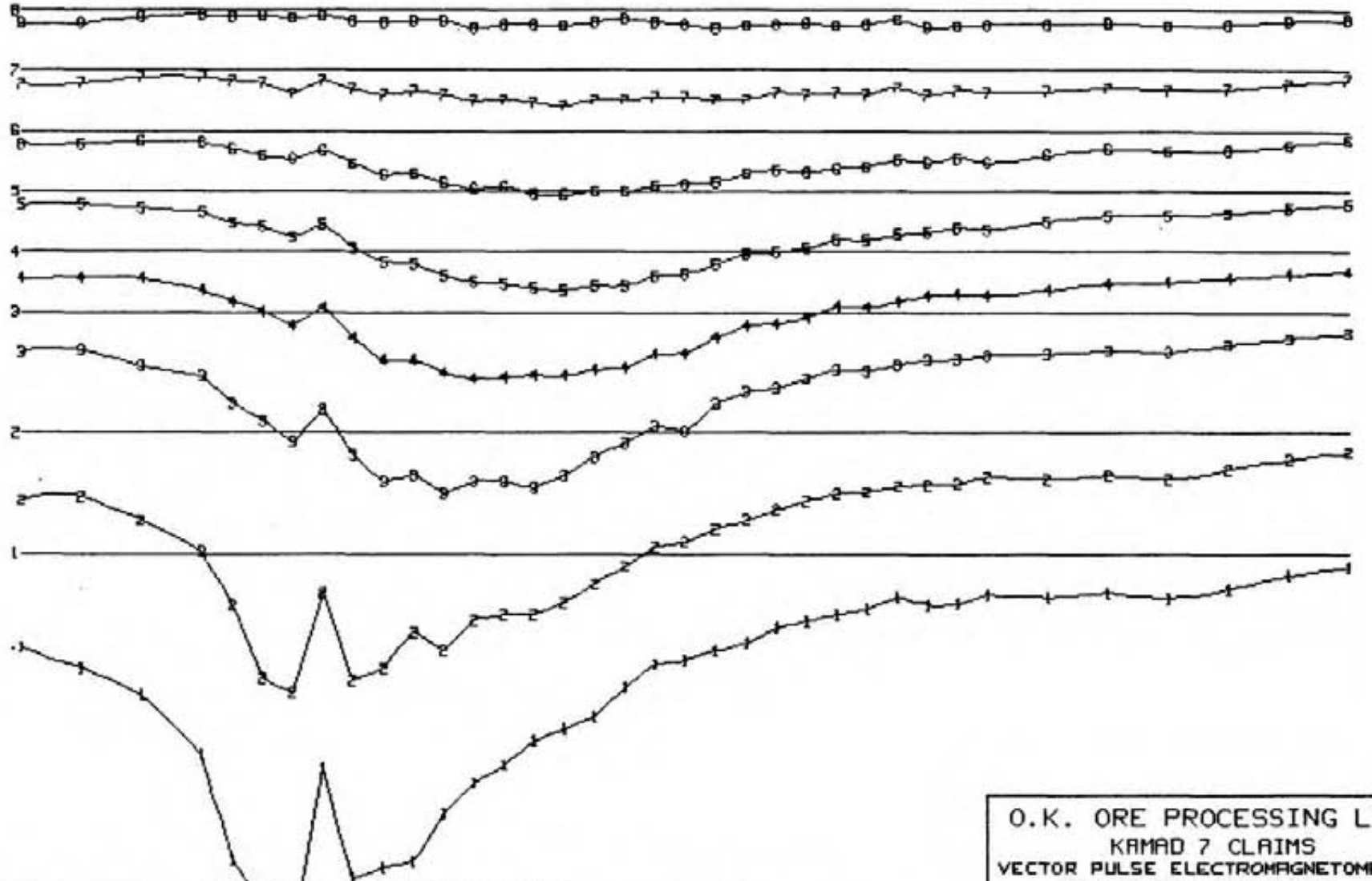
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300S LOOP A

DATE: NOV/83 FIG.: 15

400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E

0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

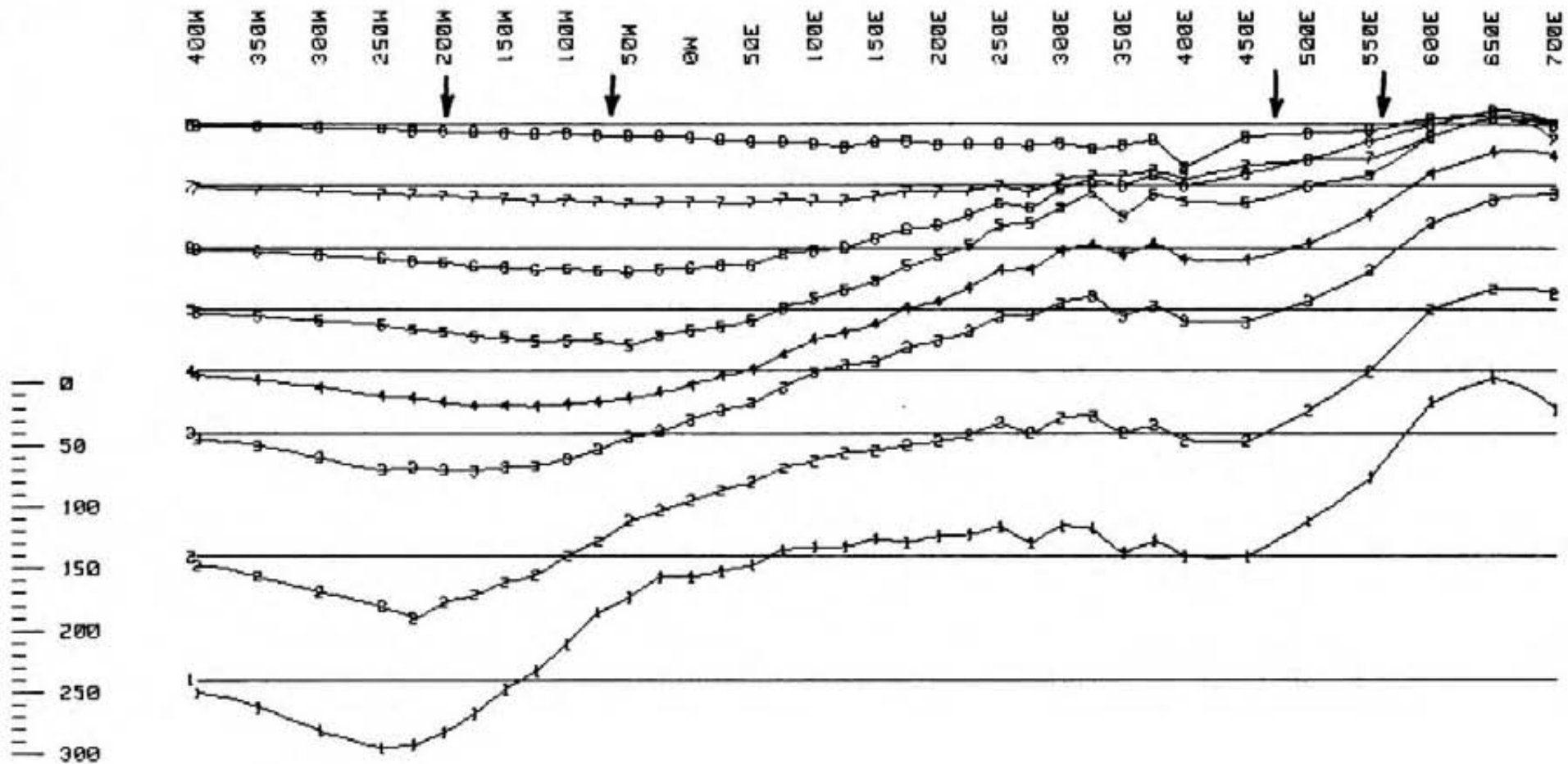
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300S LOOP A

DATE: NOV/83

FIG.: 16



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

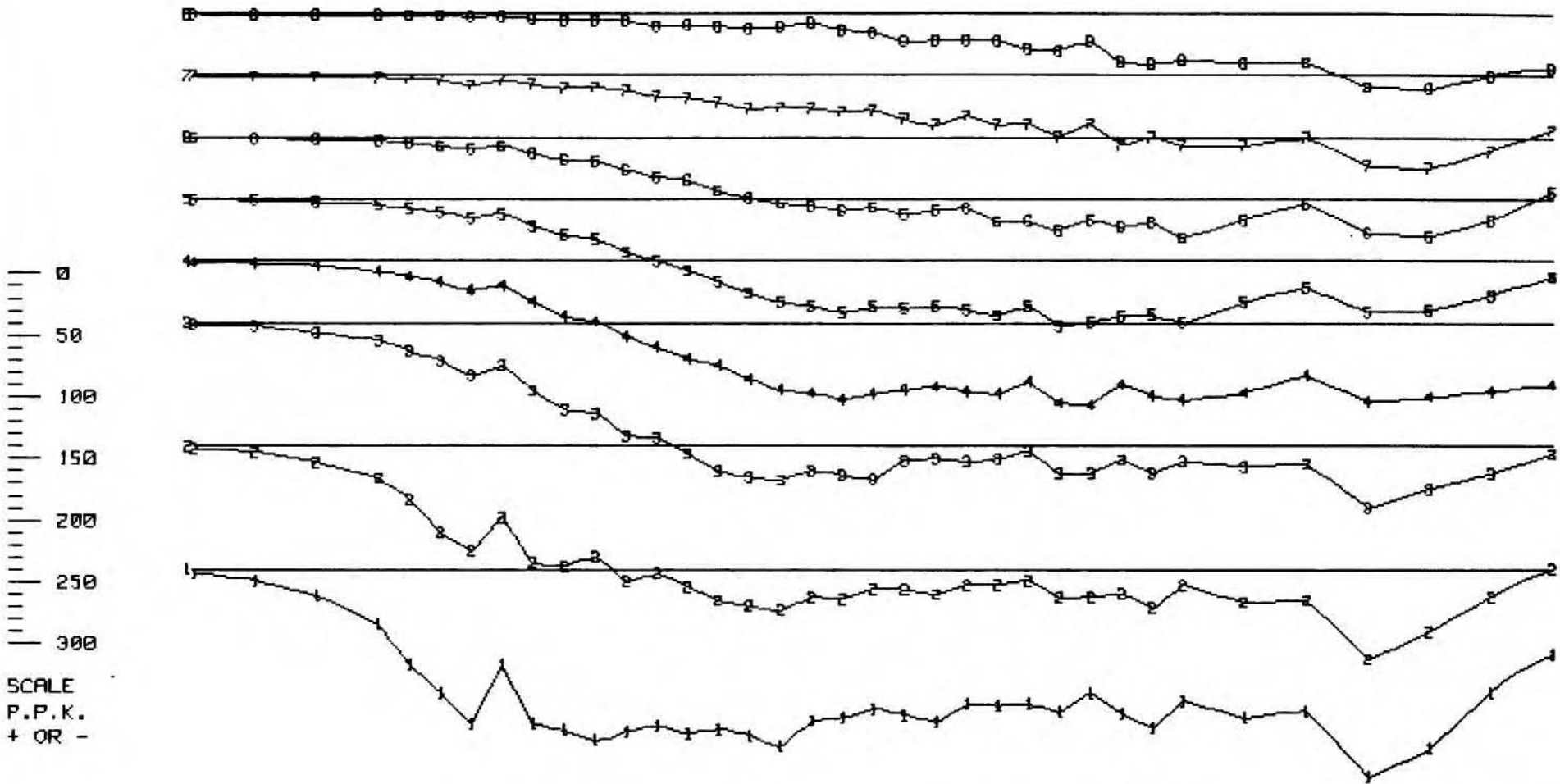
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300S LOOP A

DATE: NOV/83 FIG.: 17

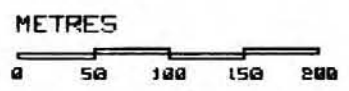
400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

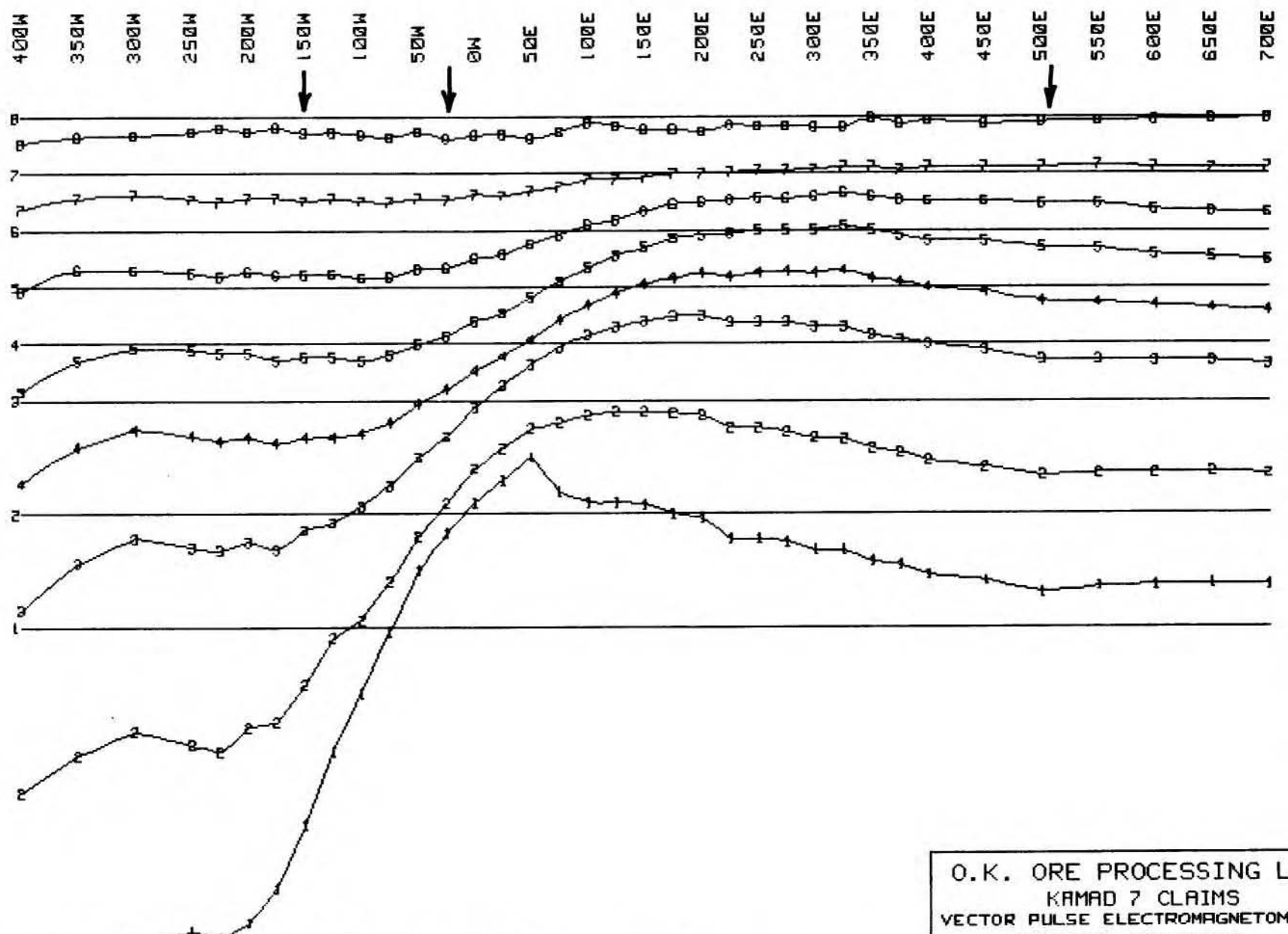
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300S LOOP A

DATE: NOV/83

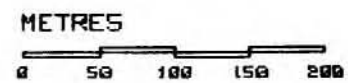
FIG.: 18



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

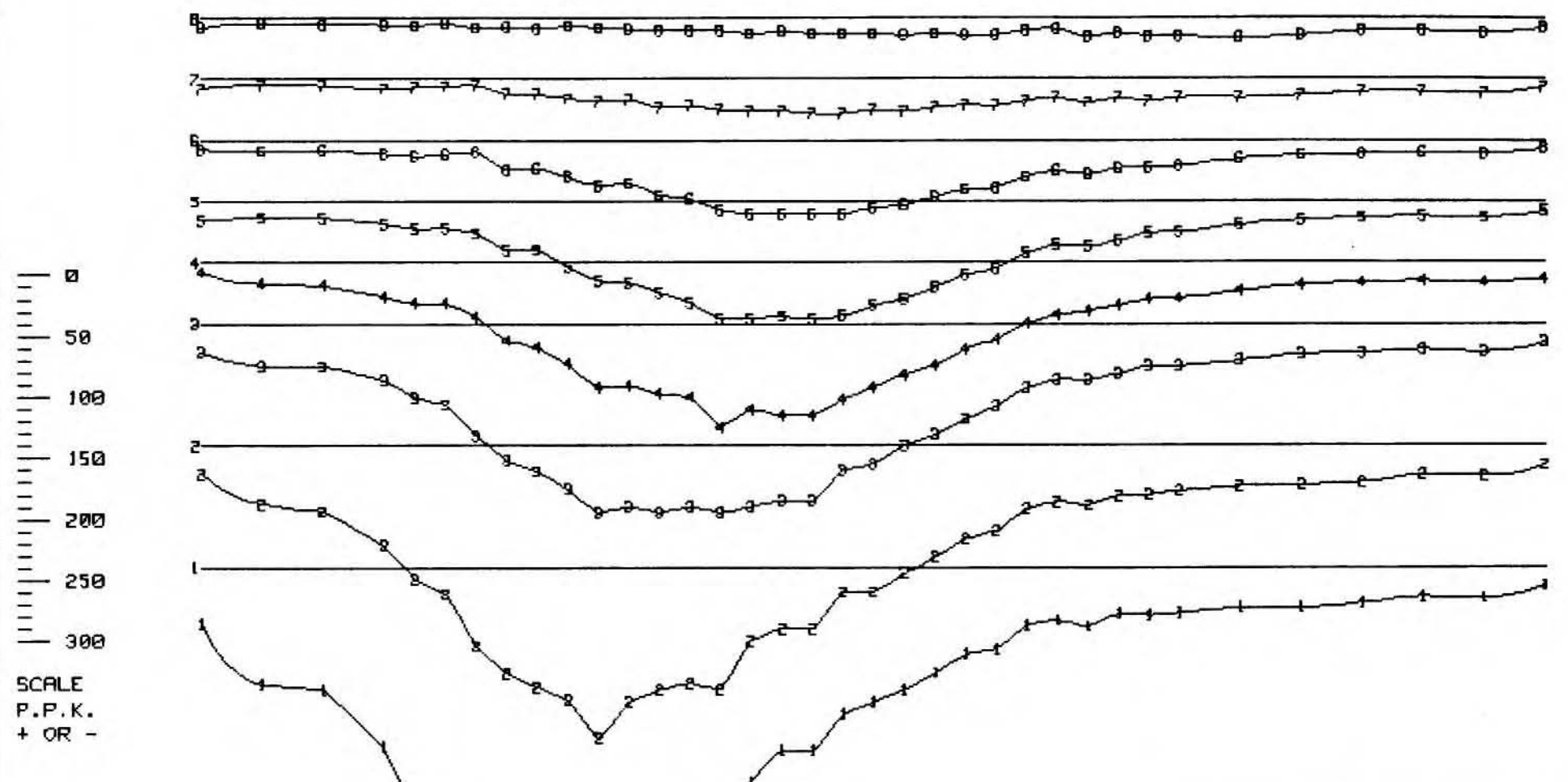
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400S LOOP A

DATE: NOV/83 FIG.: 19

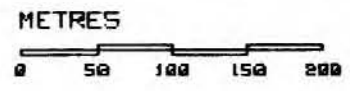
400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



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.

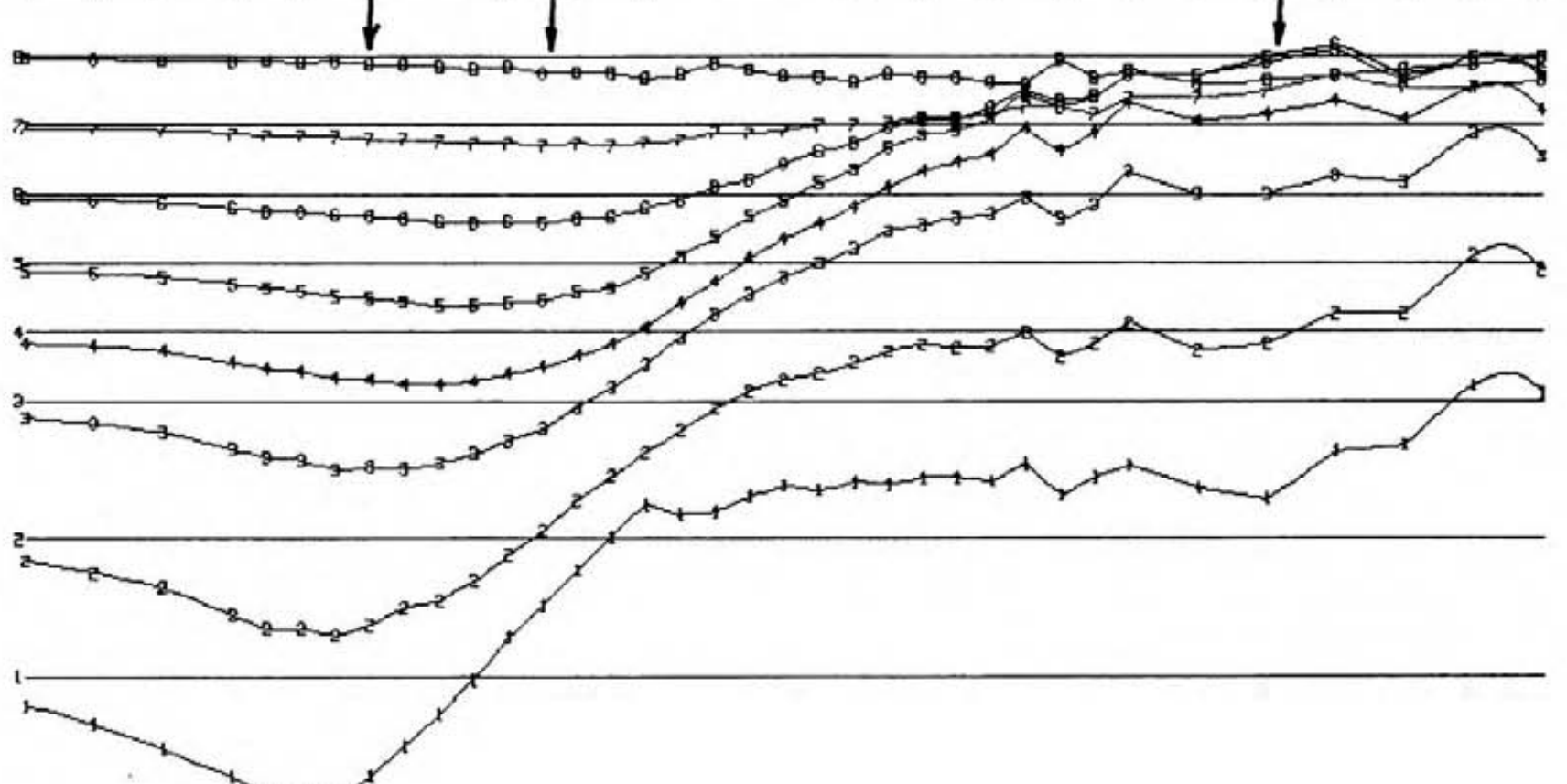


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400S LOOP A

DATE: NOV/83

FIG.: 20

400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOLOGICAL CONSULTING
& SERVICES LTD.

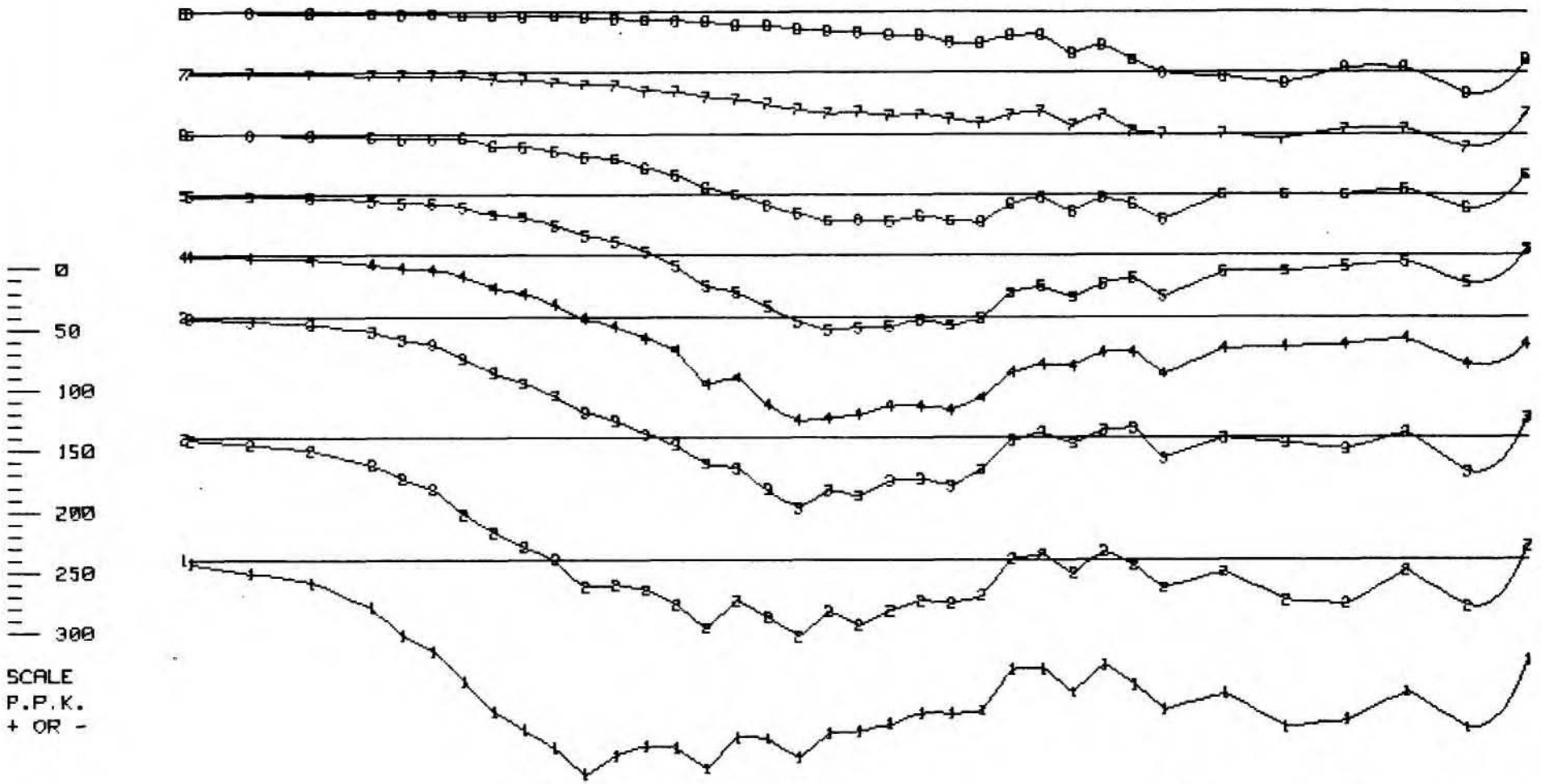
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400S LOOP R

DATE: NOV/83 FIG.: 21

400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



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.

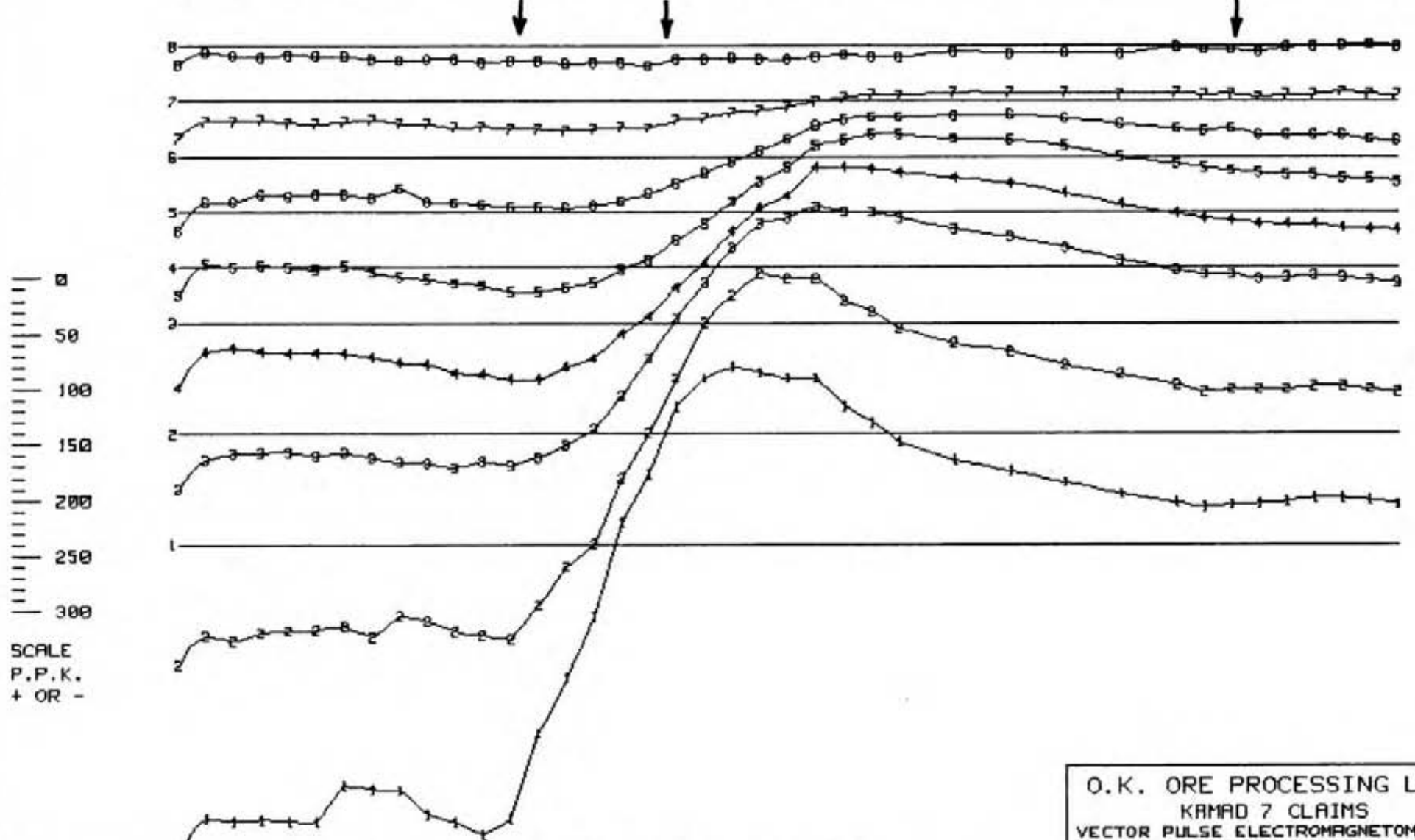


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400S LOOP A

DATE: NOV/83

FIG.: 22

400M 350M 300M 250M 200M 150M 100M 50M 0M 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

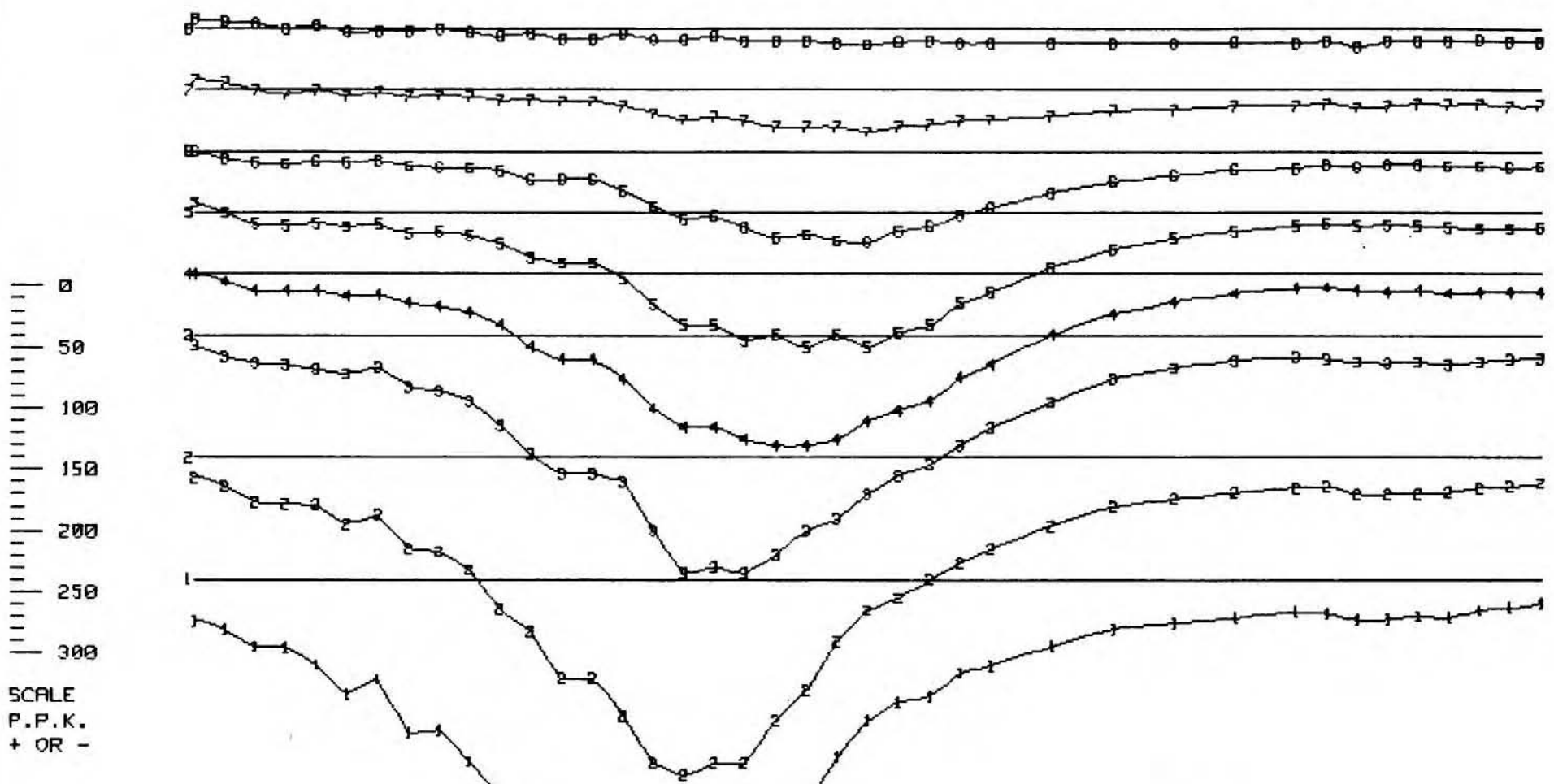
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 500S LOOP A

DATE: NOV/83 FIG.: 23

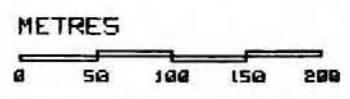
400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -

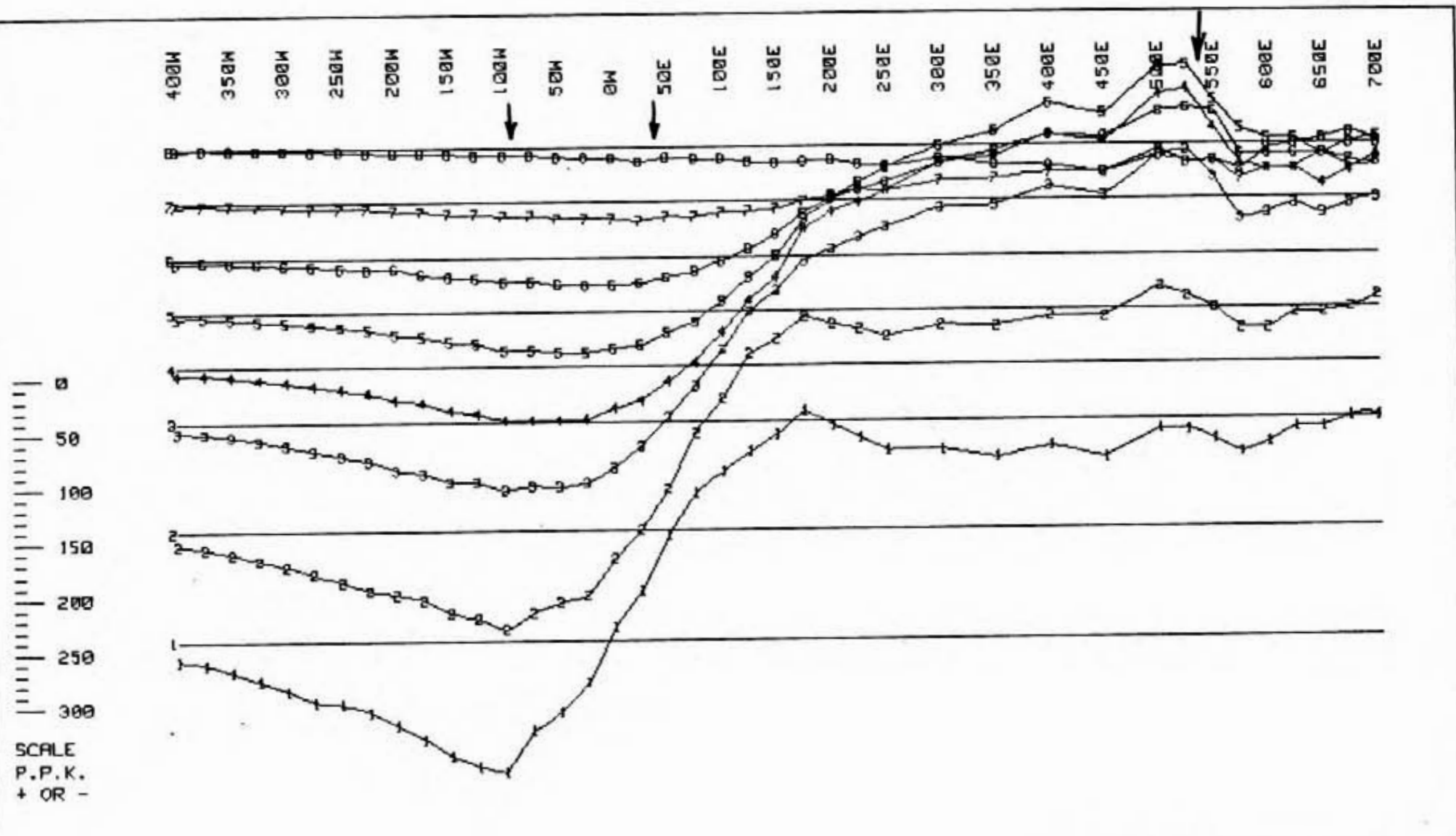
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMETER
HORIZONTAL COMPONENT
LINE 500S LOOP A

DATE: NOV/83 FIG.: 24



SCALE
P.P.K.
+ OR -

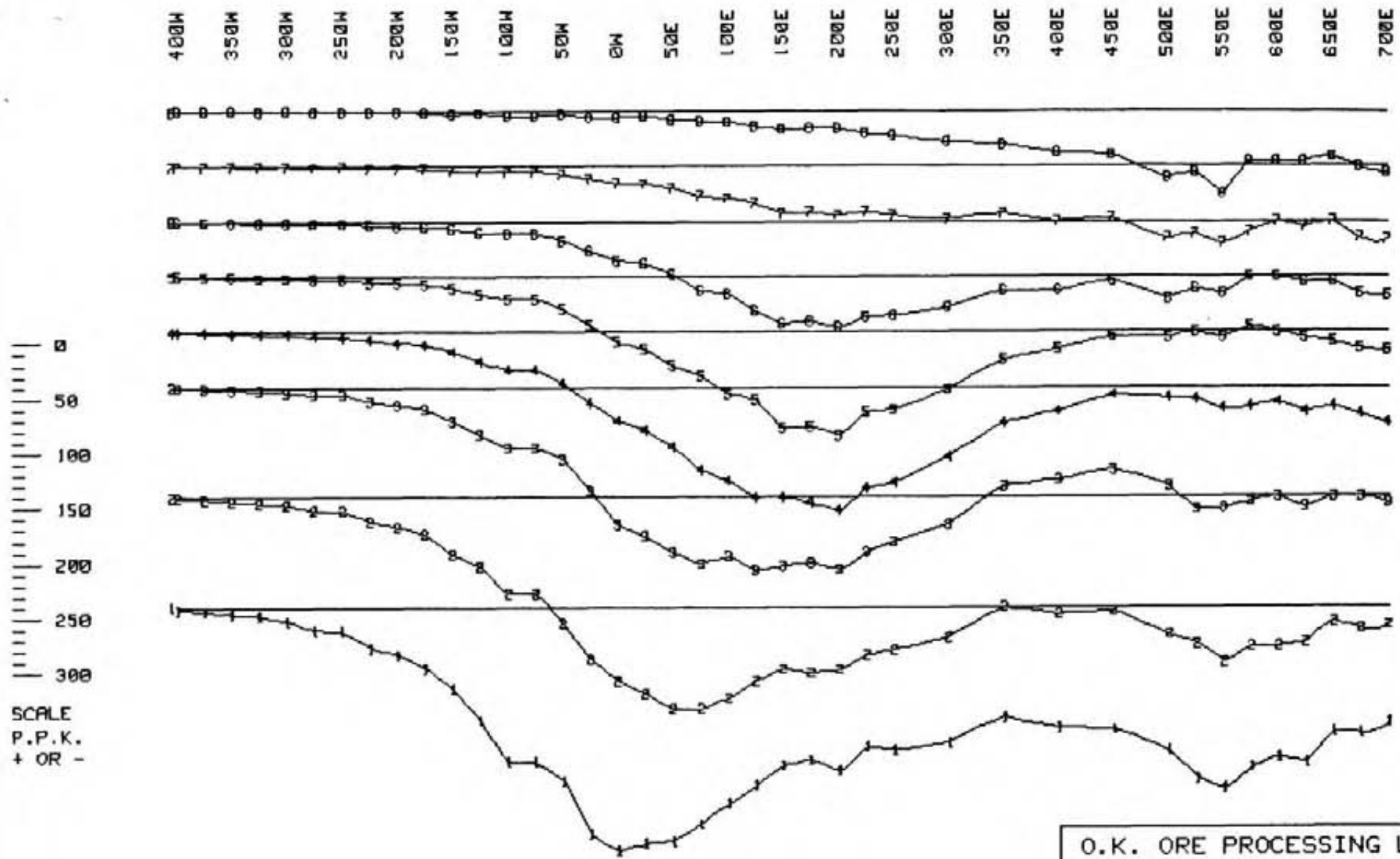
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 5005 LOOP A

DATE: NOV/83	FIG.: 25
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GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

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

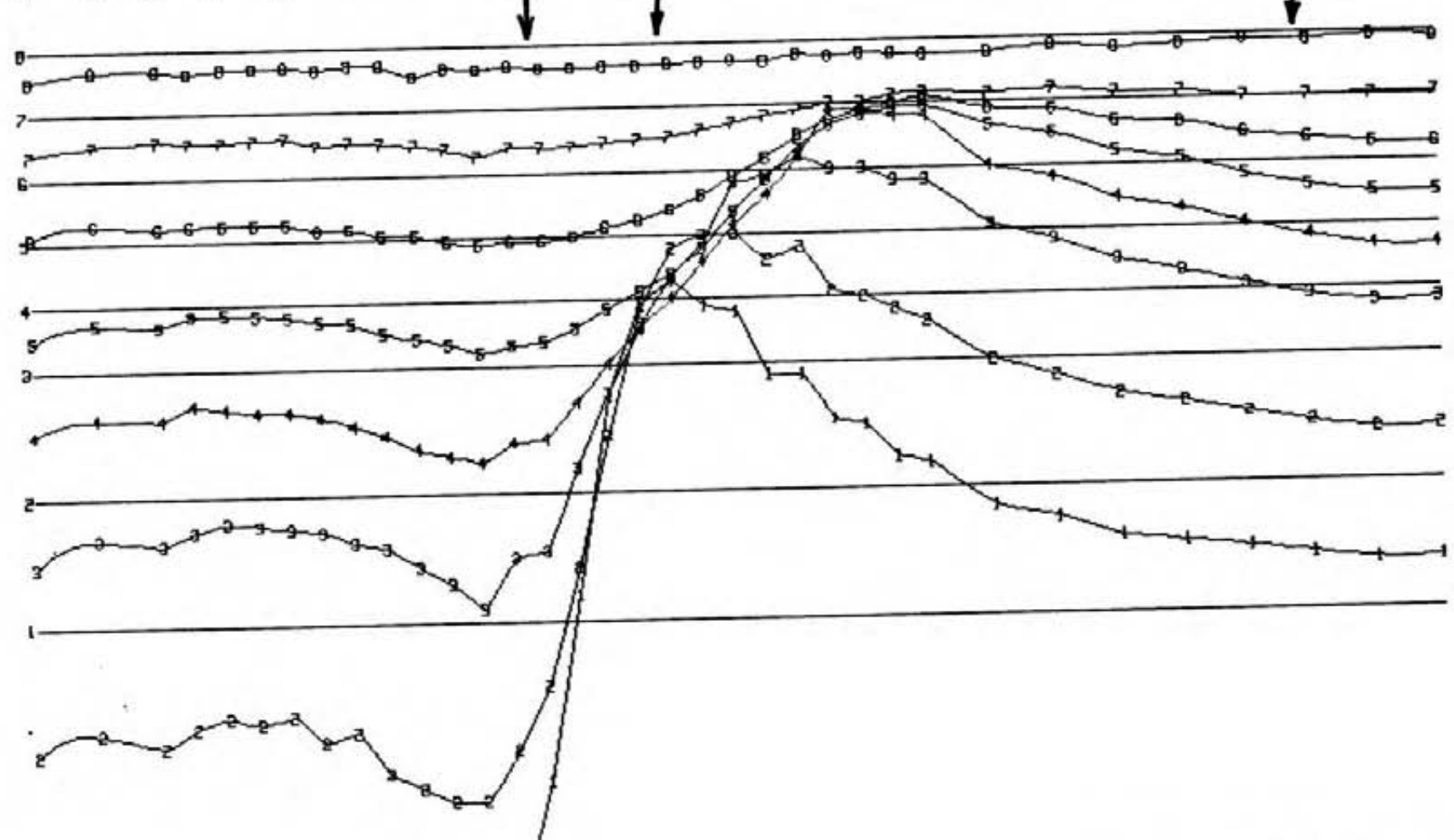


O.K. ORE PROCESSING LTD.
 KAMAD 7 CLAIMS
 VECTOR PULSE ELECTROMAGNETOMETER
 HORIZONTAL COMPONENT
 LINE 500S LOOP A

DATE: NOV/83

FIG.: 26

400M 350M 300M 250M 200M 150M 100M 50M 0M 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

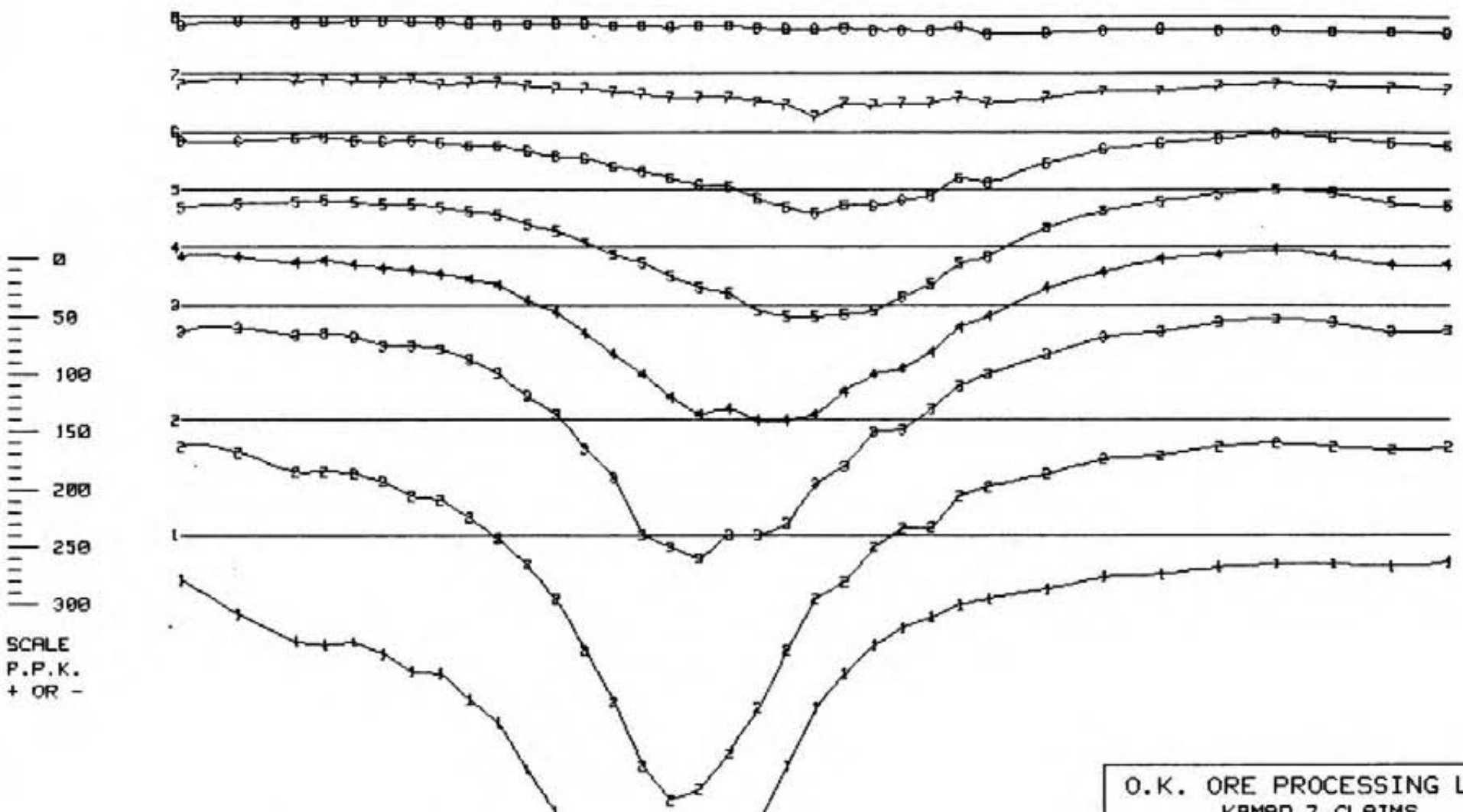
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 600S LOOP A

DATE: NOV/83 FIG.: 27

400M 350M 300M 250M 200M 150M 100M 50M 0M 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

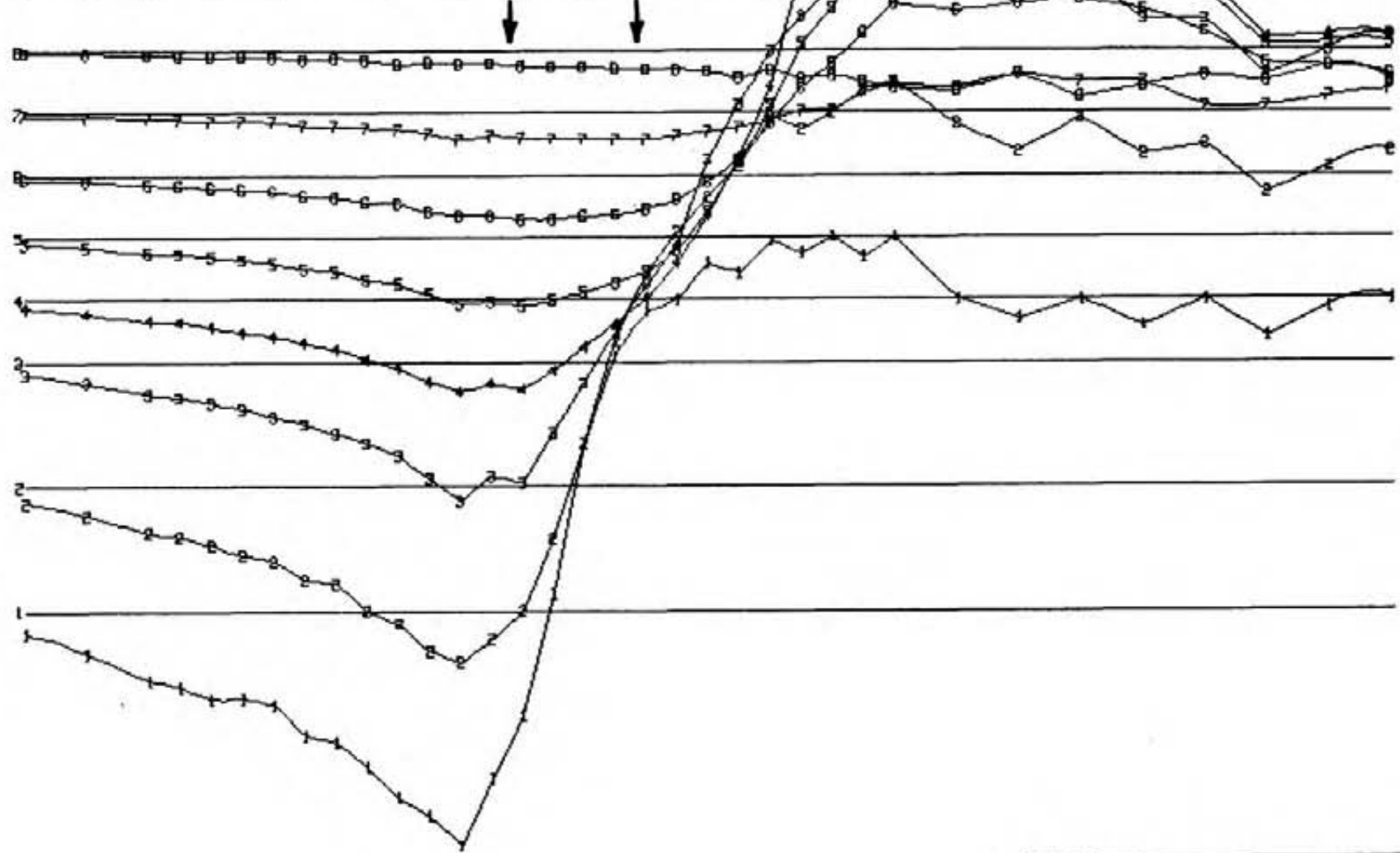
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 600S LOOP A

DATE: NOV/83 FIG.: 28

400M 350M 300M 250M 200M 150M 100M 50M 0M 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

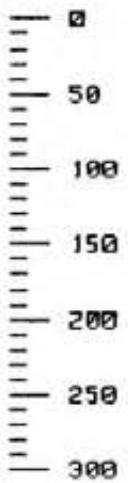
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

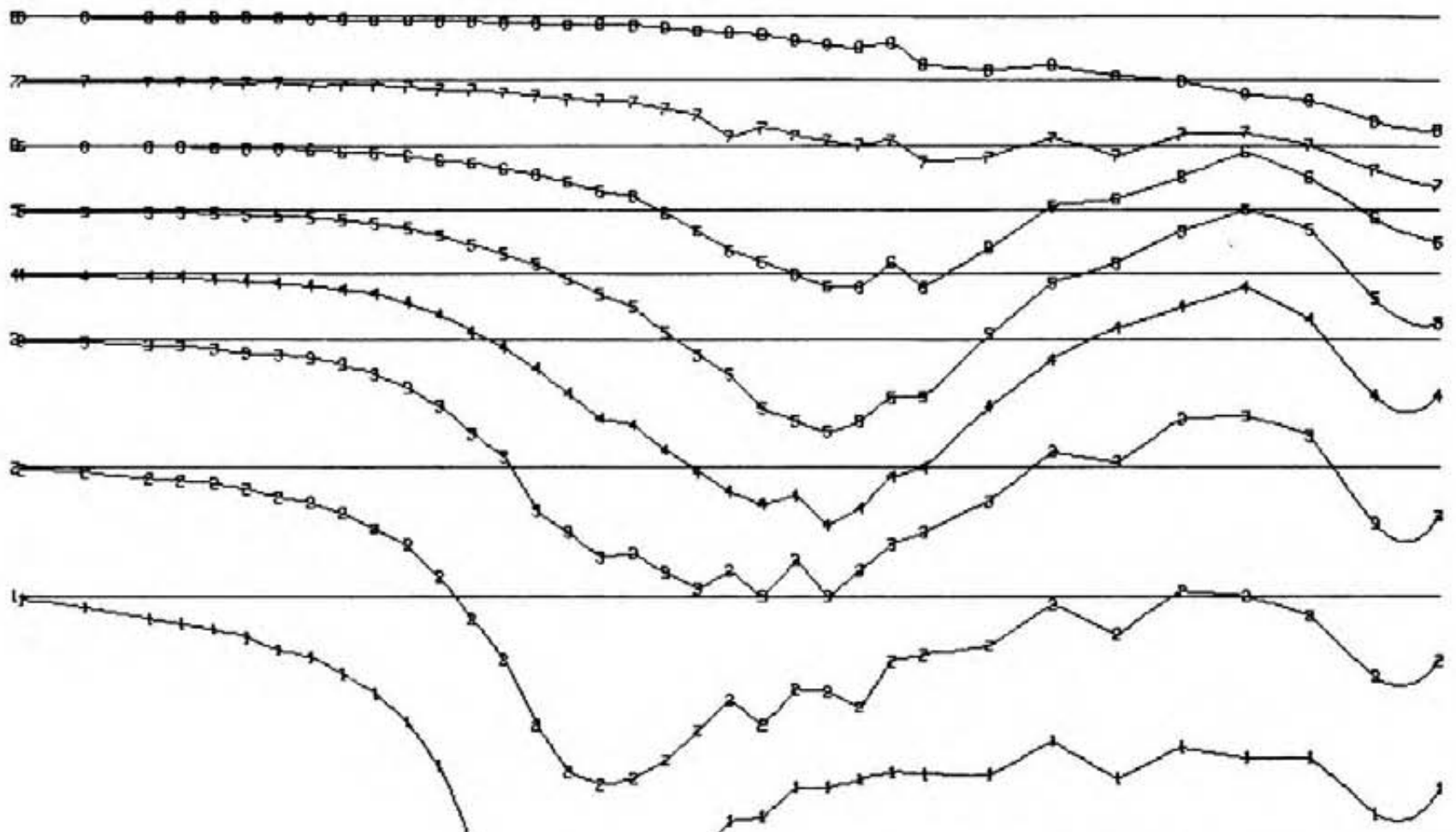
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 6005 LOOP A

DATE: NOV/83 FIG.: 29

400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



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.

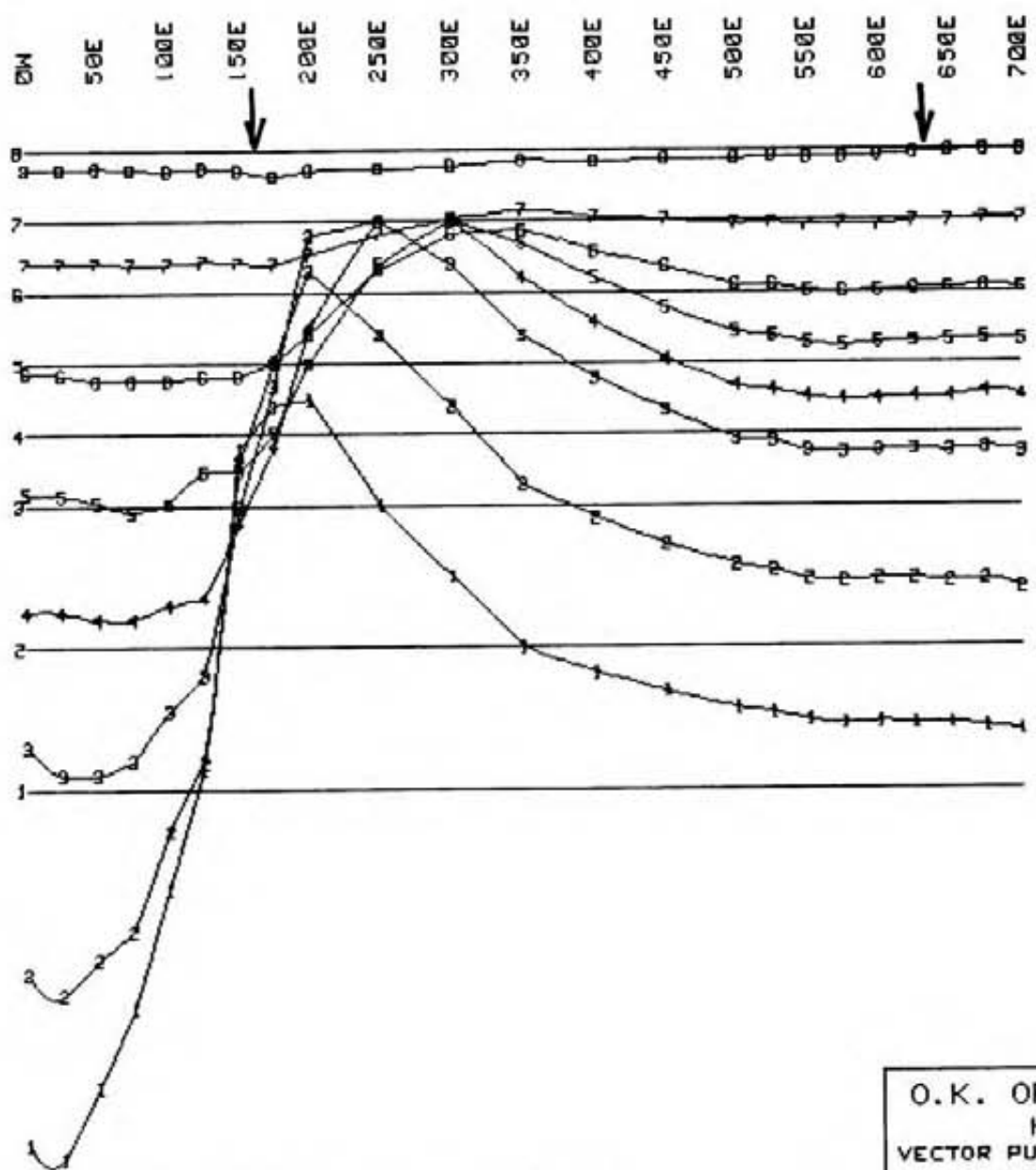


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 600S LOOP A

DATE: NOV/83 FIG.: 30

0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -



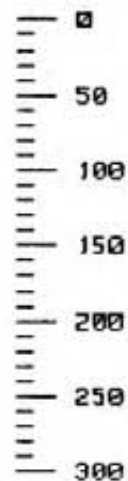
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

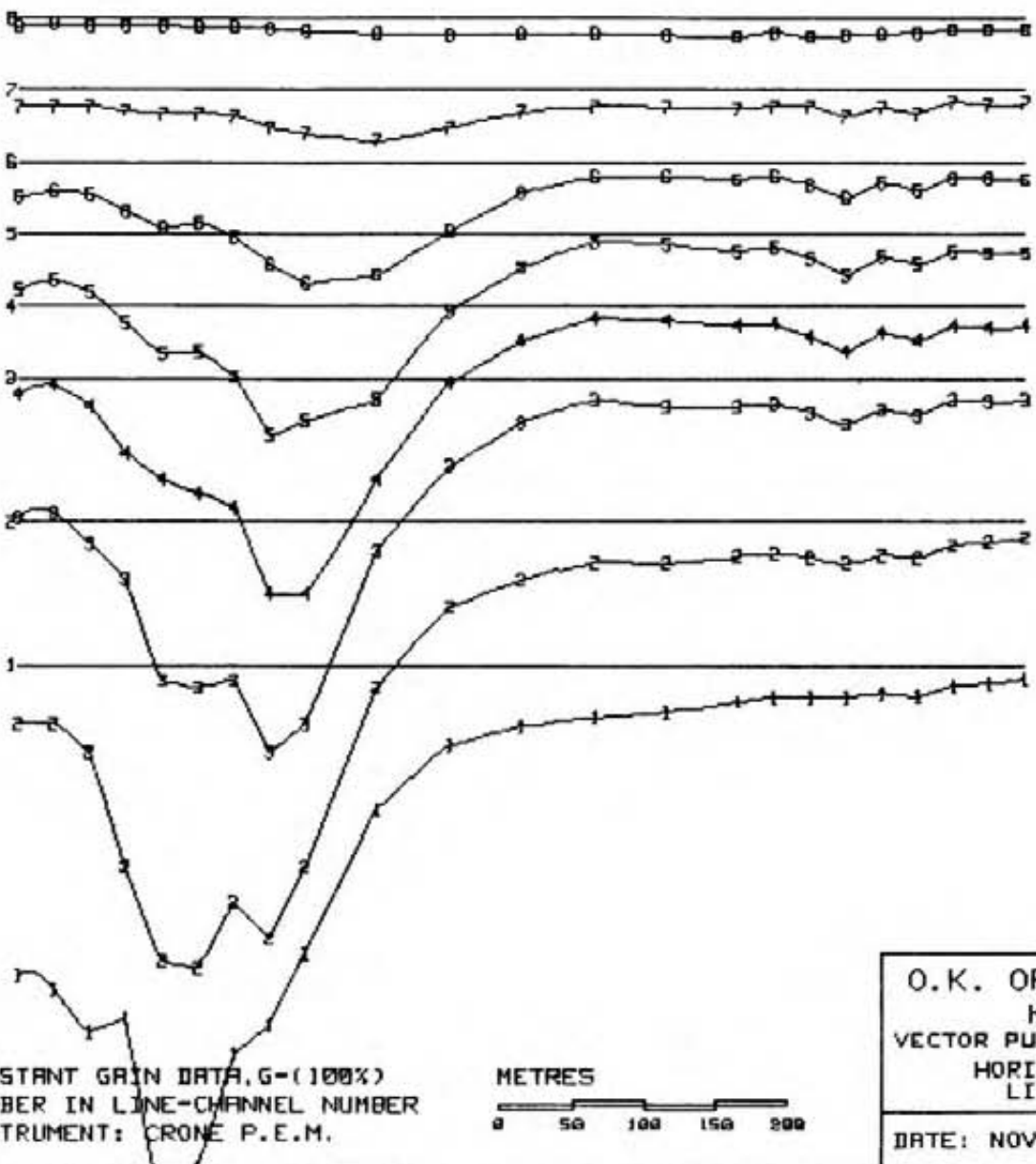
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 700S LOOP A

DATE: NOV/83 FIG.: 31



SCALE
P.P.K.
+ OR -

0M 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



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

METRES



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 700S LOOP A

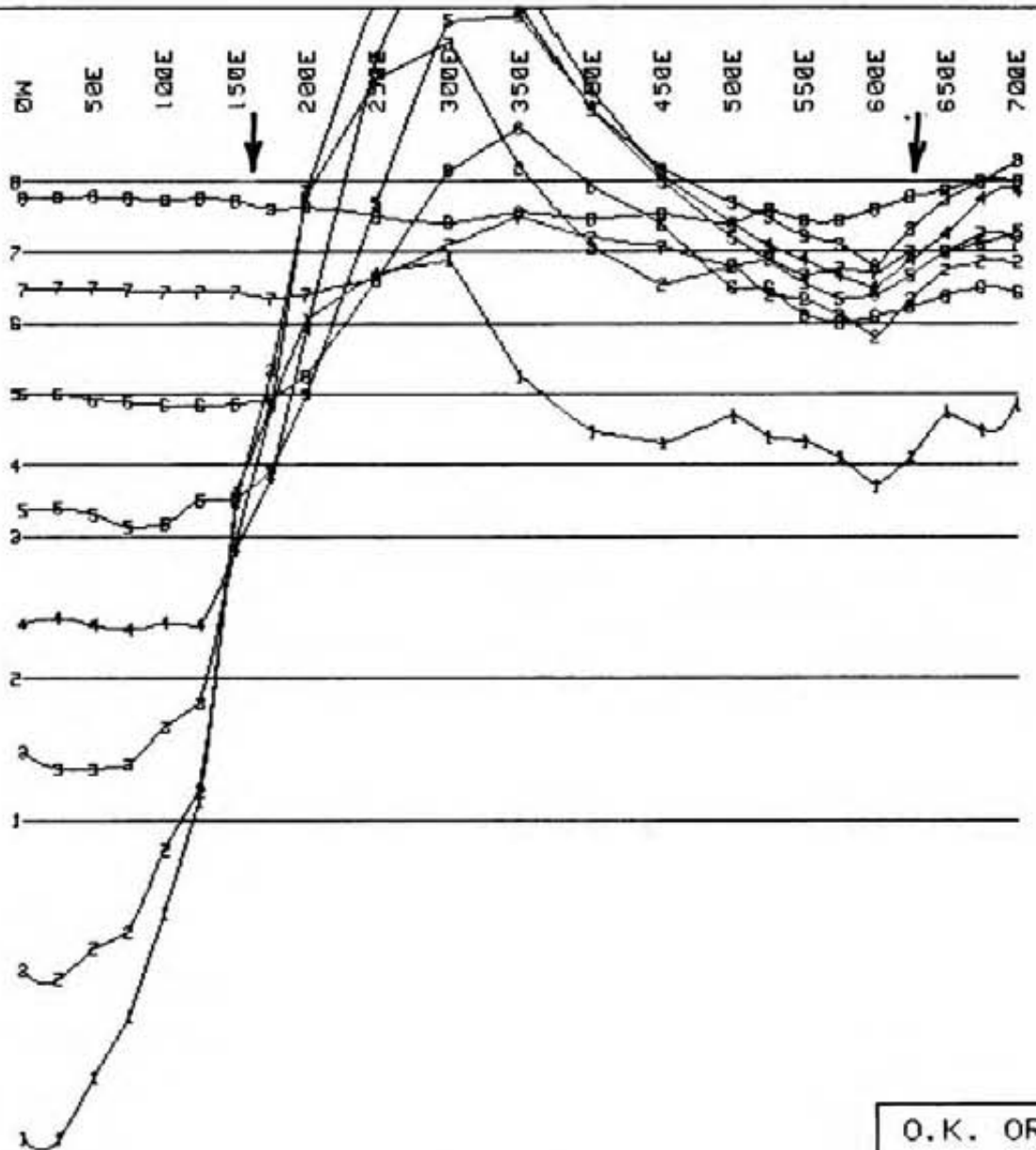
DATE: NOV/83

FIG.: 32

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -



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

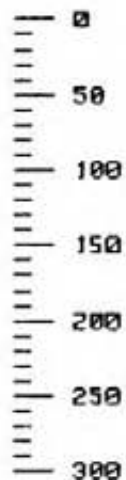


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 700S LOOP A

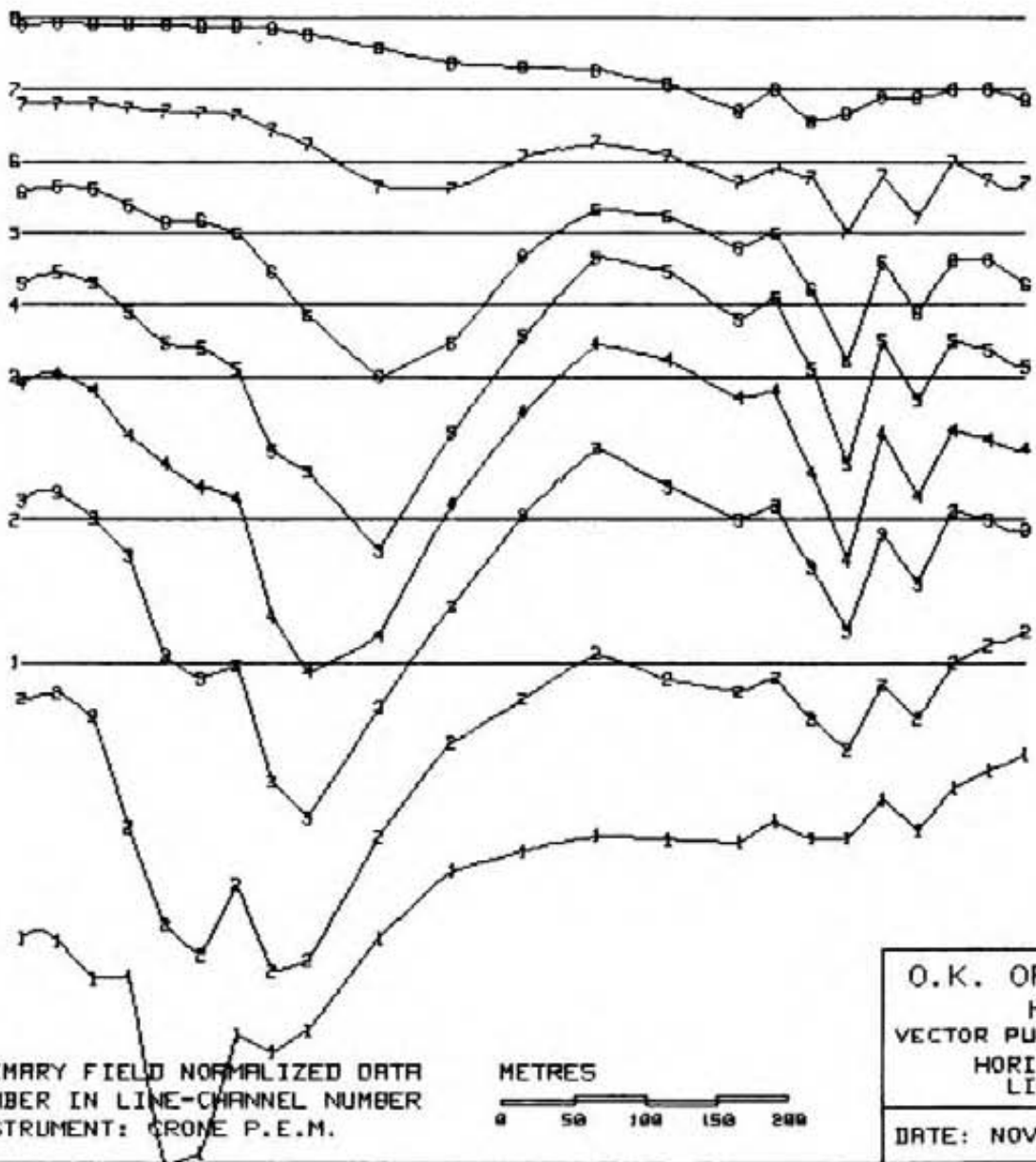
DATE: NOV/83 FIG.: 33

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



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

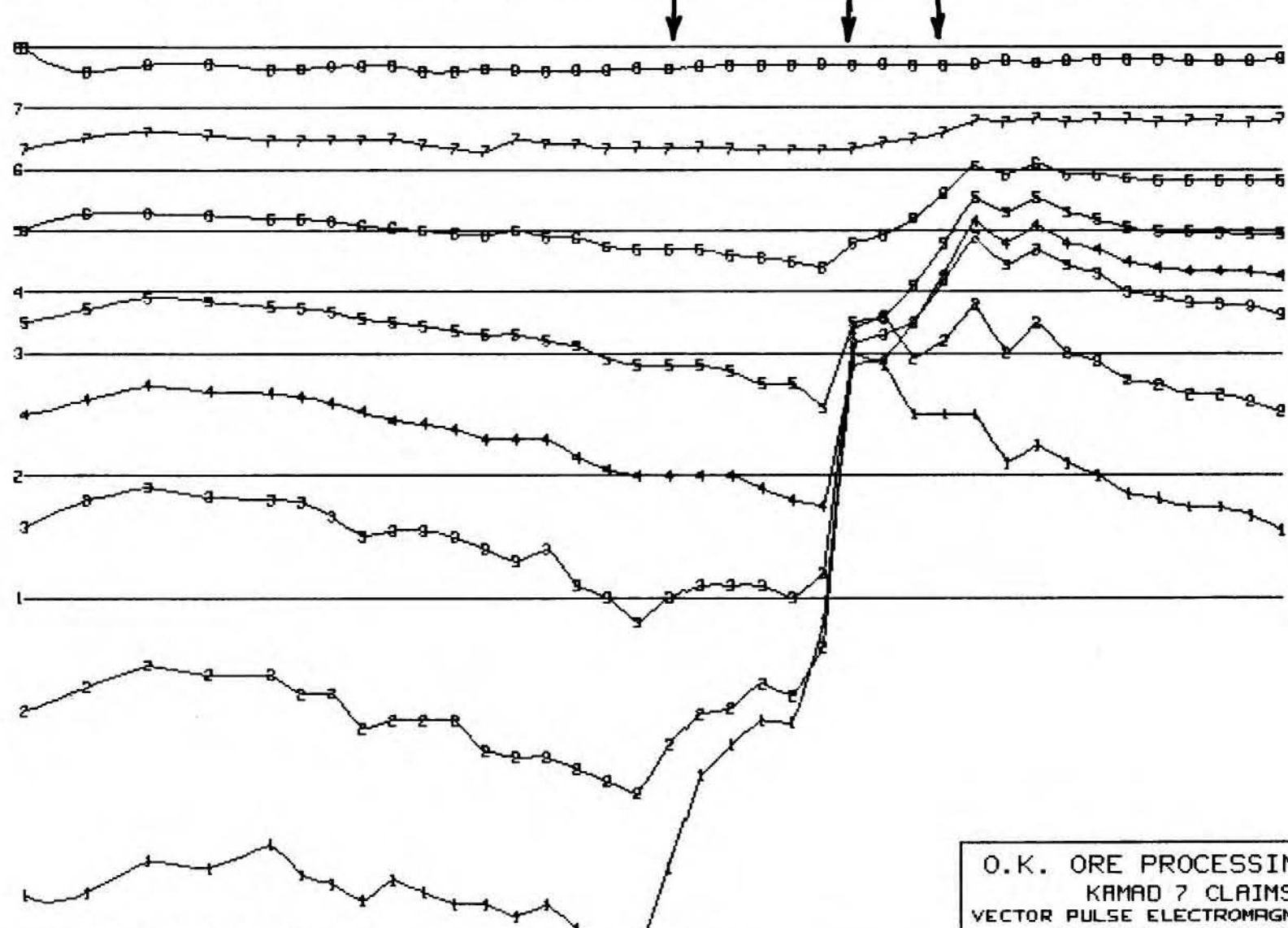


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 700S LOOP A

DATE: NOV/83

FIG.: 34

400W 350E 300E 250E 200E 150E 100E 50E 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E



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

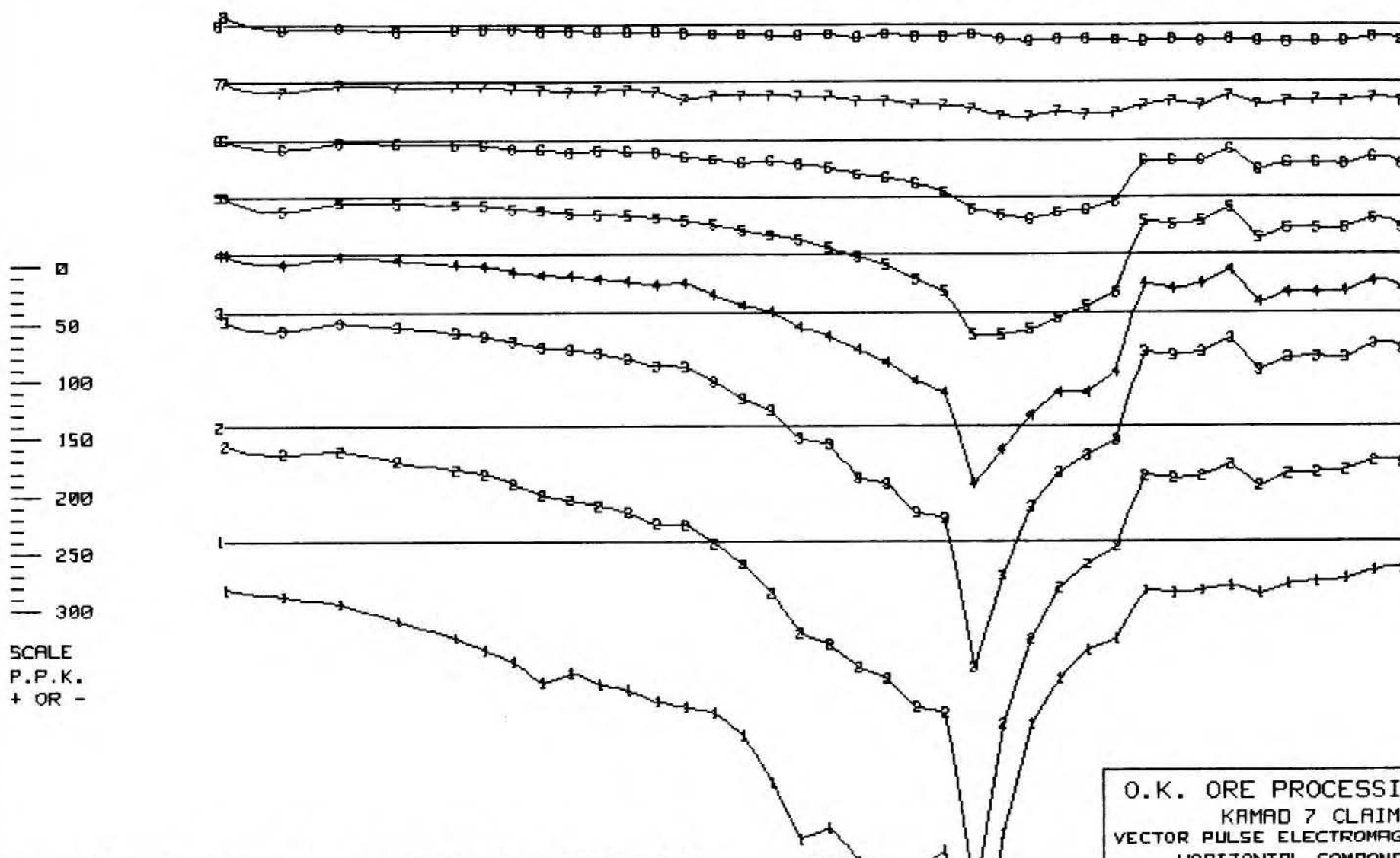
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 000S LOOP A

DATE: NOV/83

FIG.: 35

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E



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

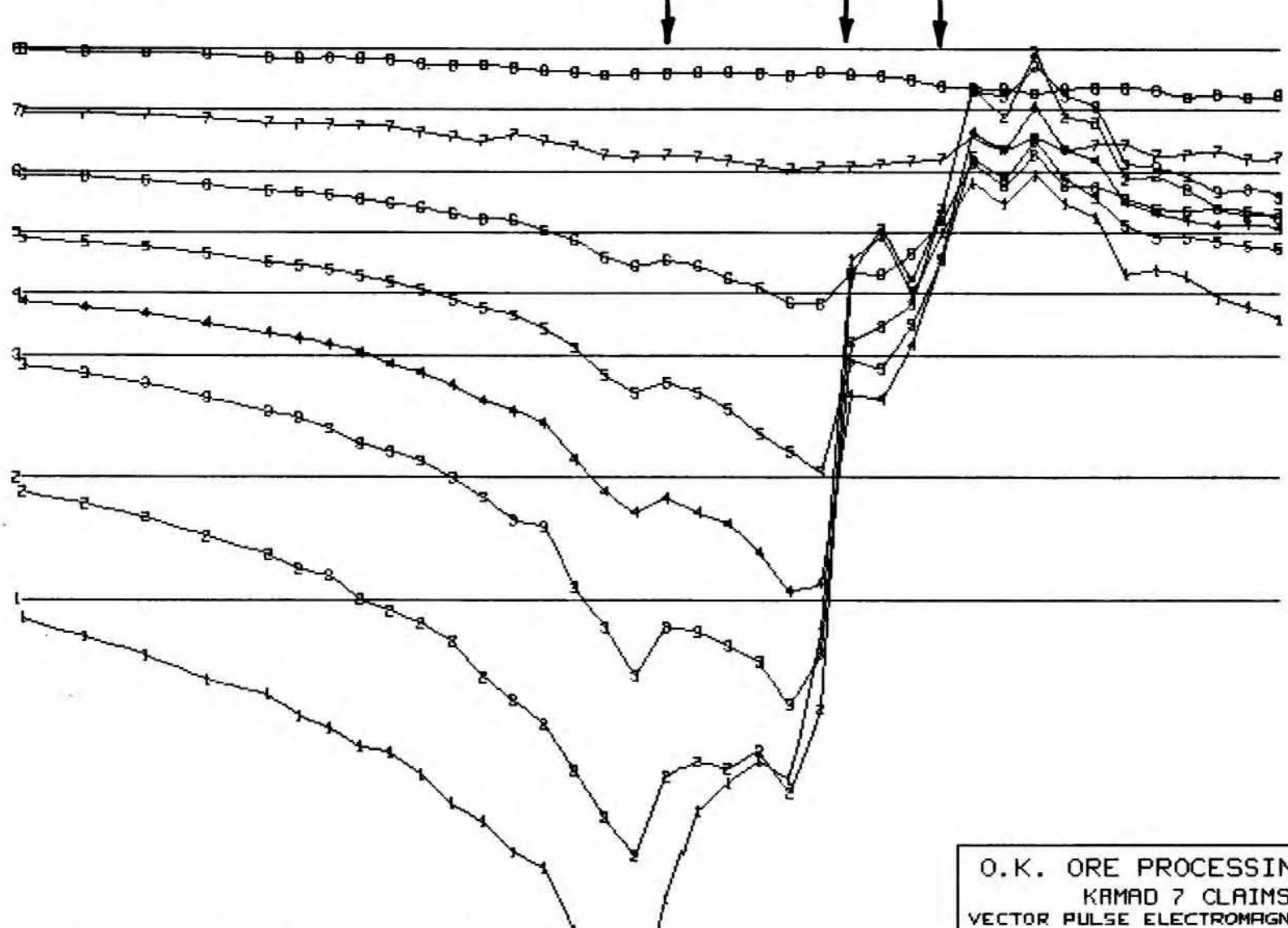
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800S LOOP A

DATE: NOV/83

FIG.: 36

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E



0
50
100
150
200
250
300

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

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 800S LOOP A

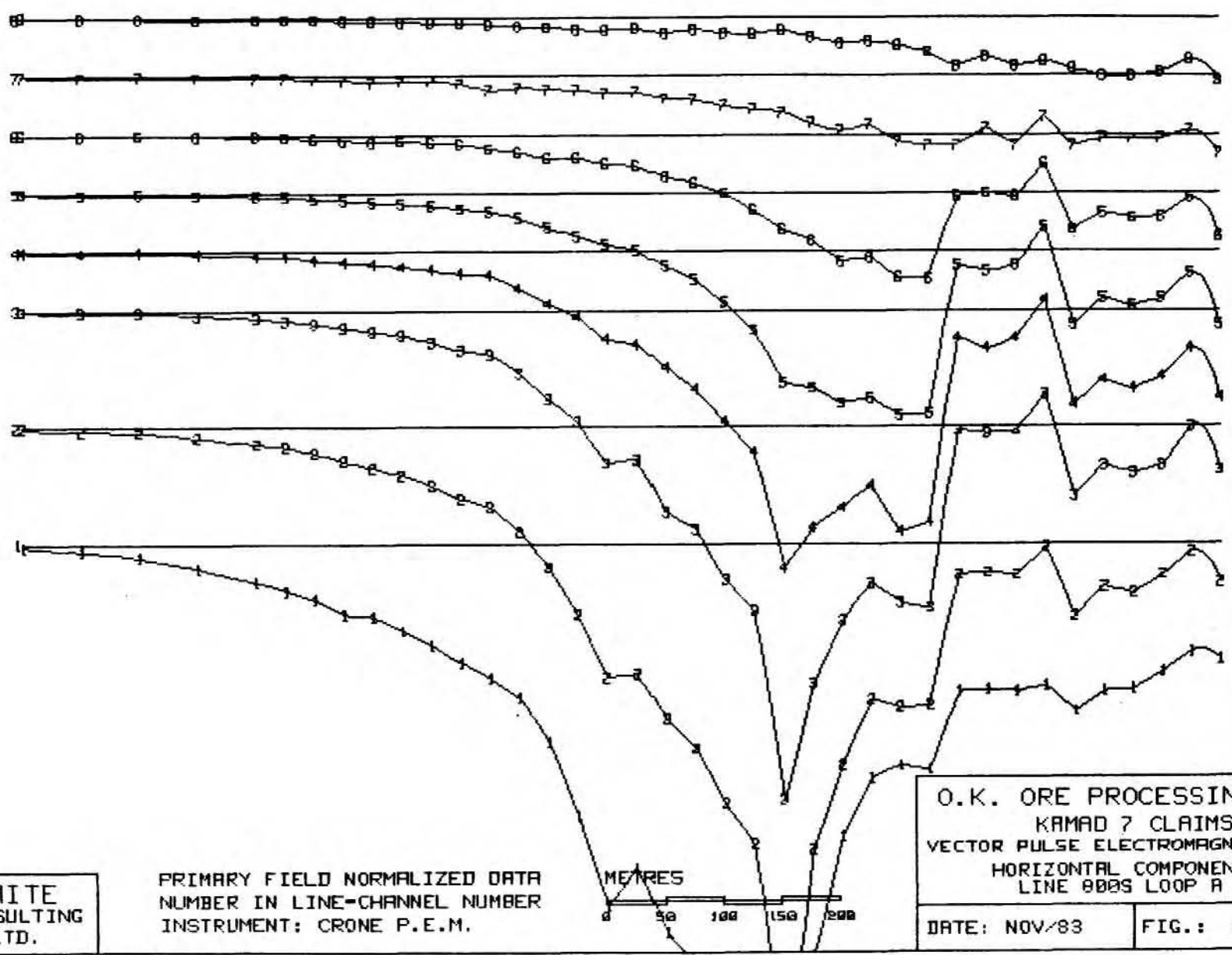
DATE: NOV/83 FIG.: 37

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

400M 350M 300M 250M 200M 150M 100M 50M 0M 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E

0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -



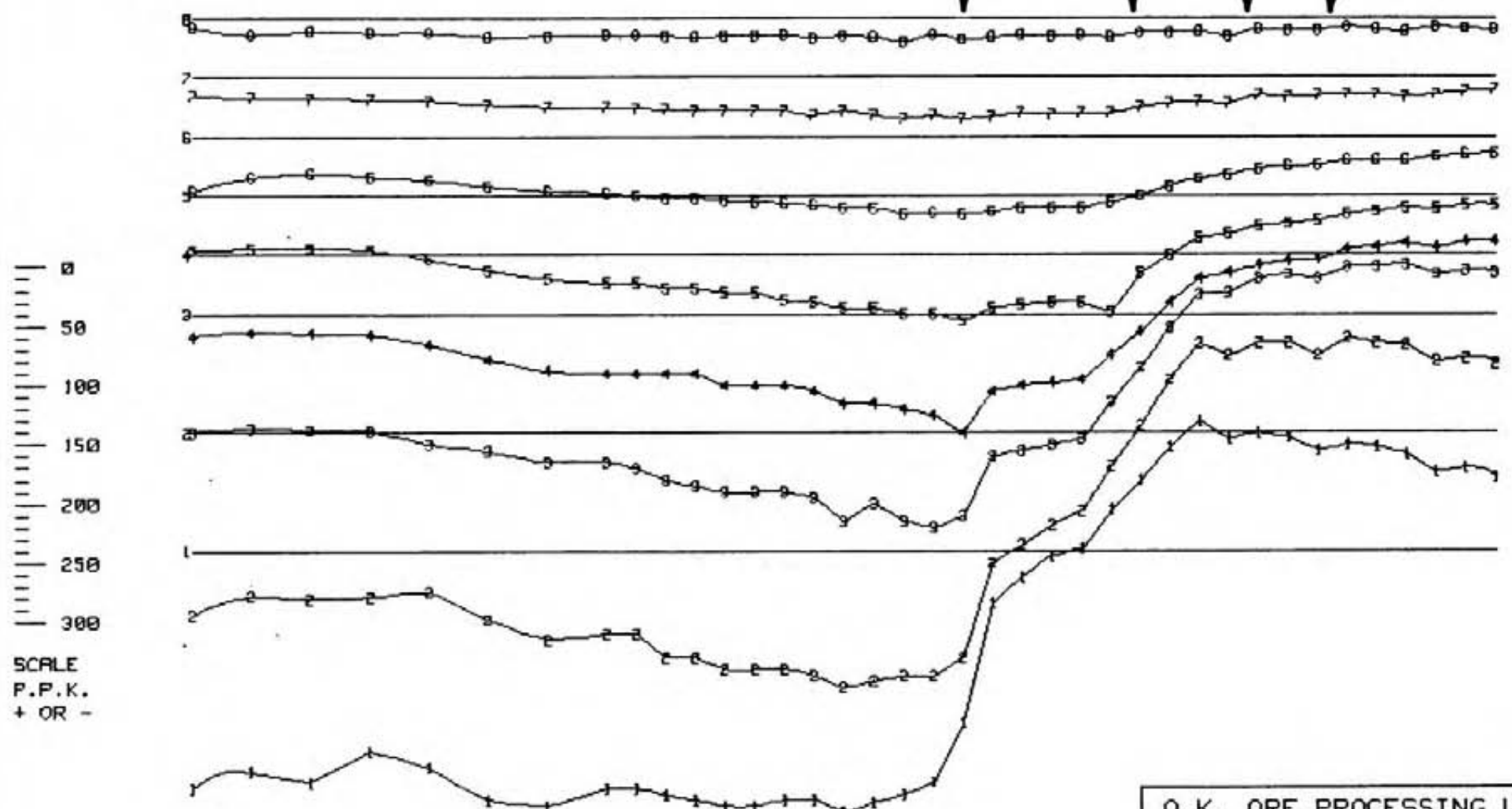
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 8885 LOOP A
DATE: NOV/83 FIG.: 38

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

400H 350H 300H 250H 200H 150H 100H 50H 0H 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



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

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

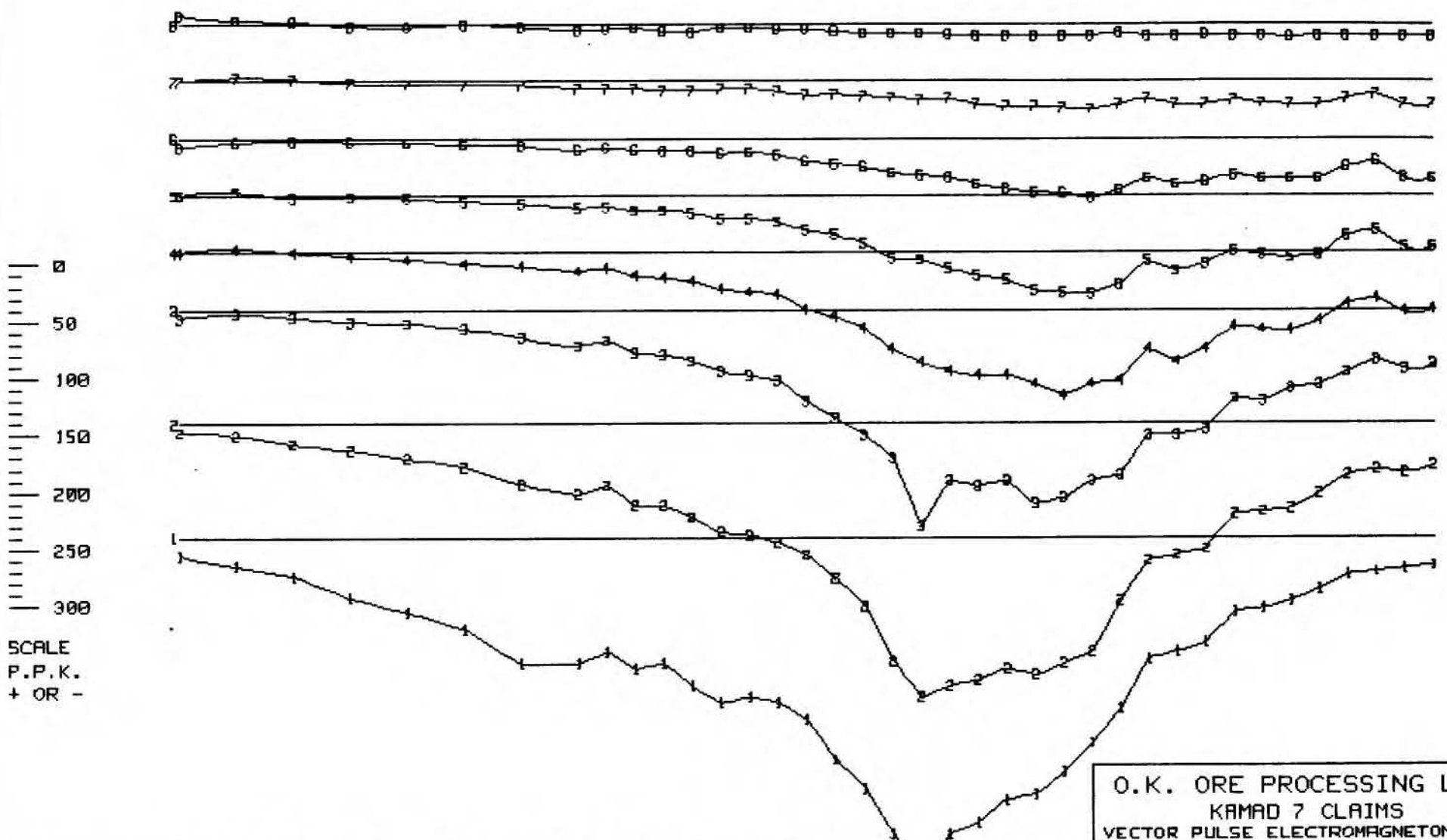
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 9803 LOOP A

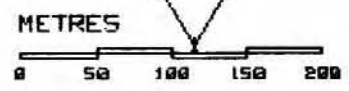
DATE: NOV/83 FIG.: 39

400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -

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

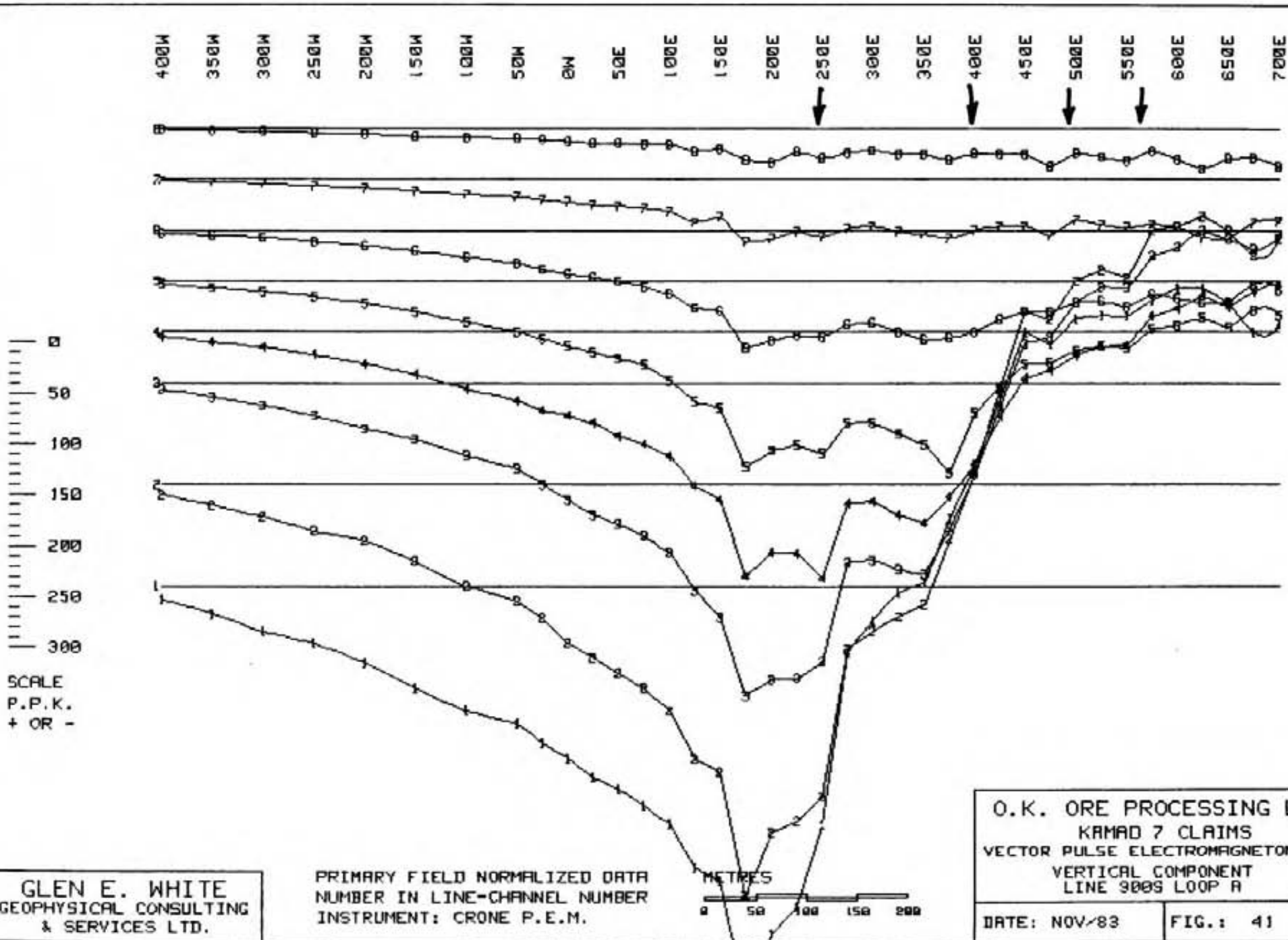


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 900S LOOP A

DATE: NOV/83

FIG.: 40

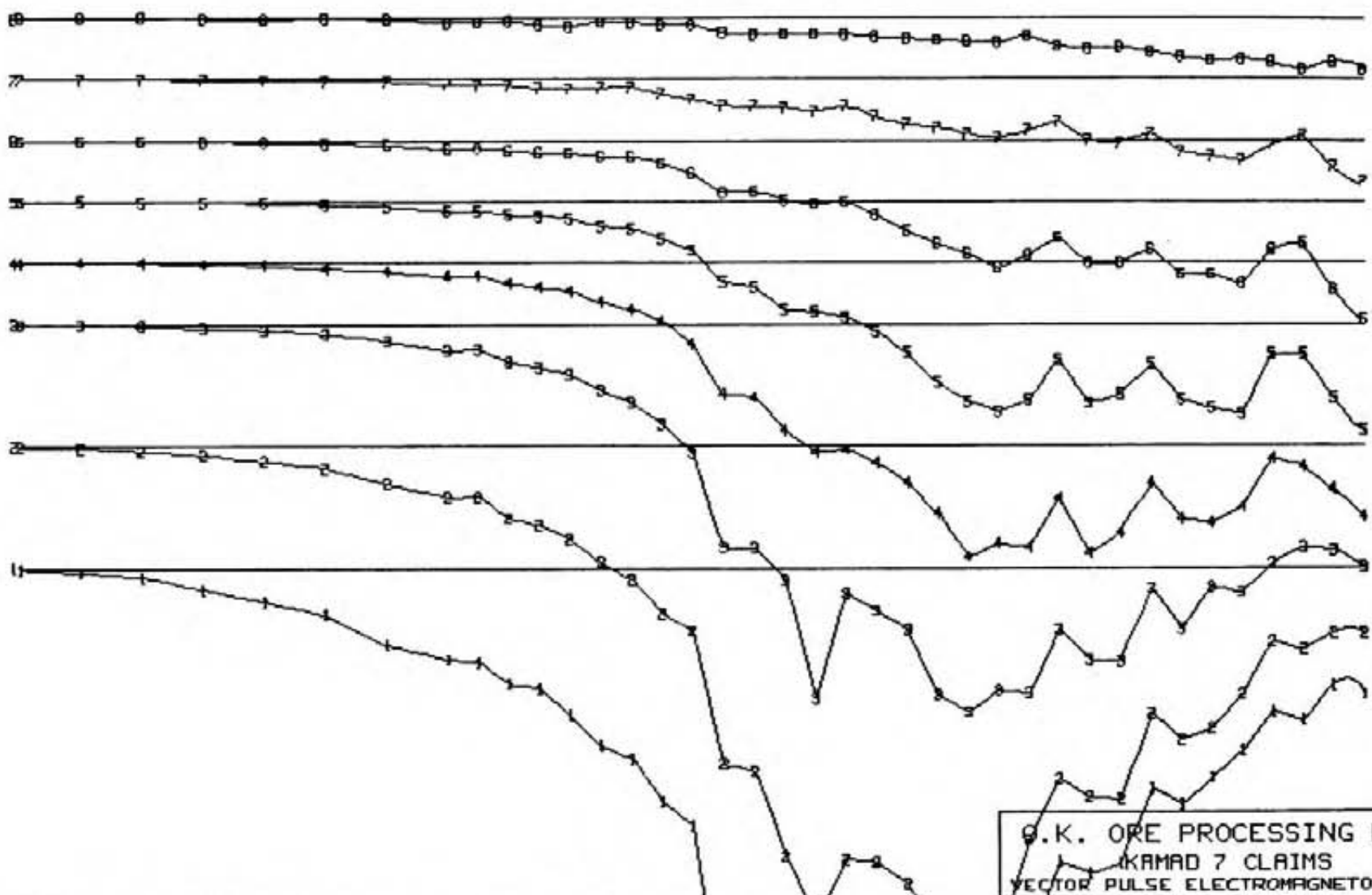
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E

0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -



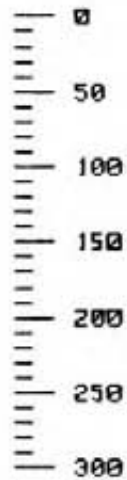
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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

METRES
0 50 100 150 200

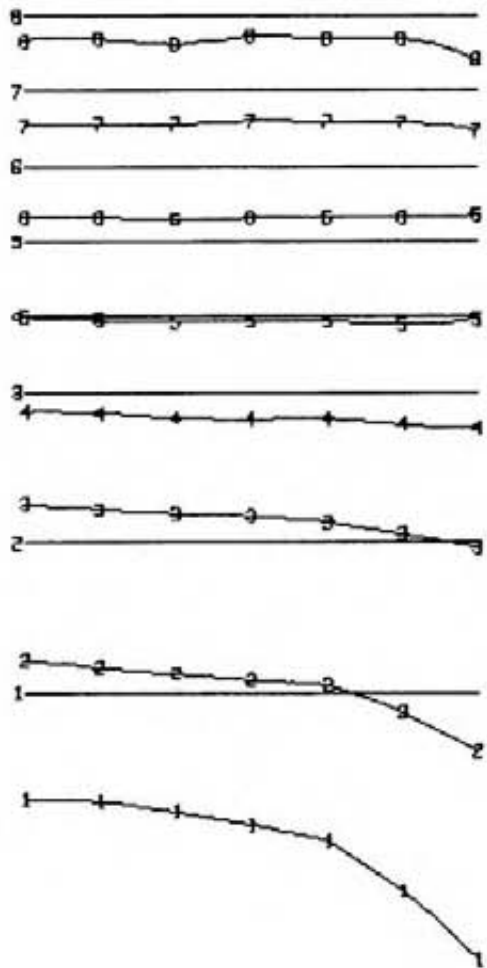
G.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 900S LOOP A

DATE: NOV-83 FIG.: 42



SCALE
P.P.K.
+ OR -

600M
550M
500M
450M
400M
350M
300M



LOOP B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

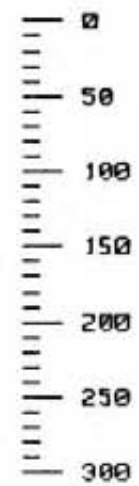
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00N LOOP B

DATE: NOV/83

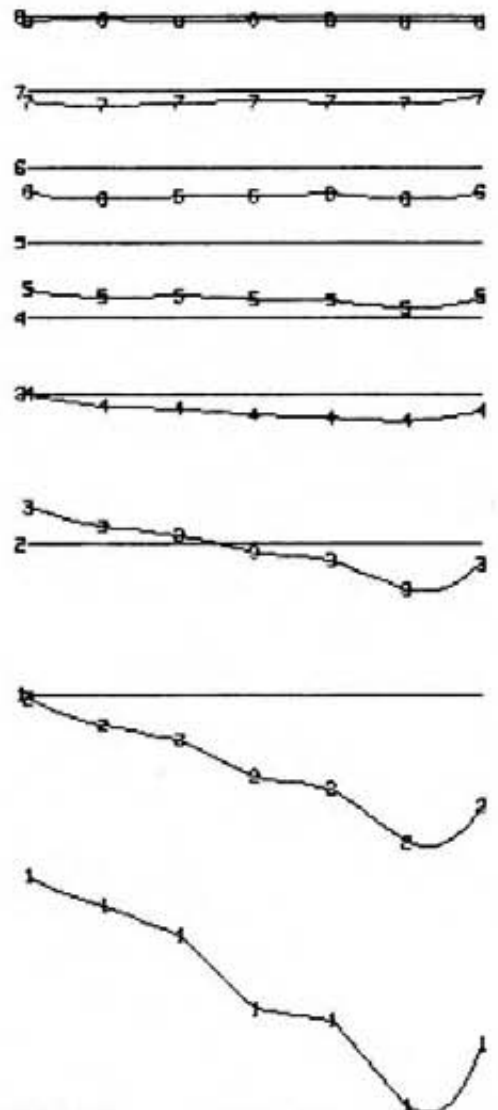
FIG.: 43



SCALE
P.P.K.
+ OR -

600M
550M
500M
450M
400M
350M
300M

LOOP B



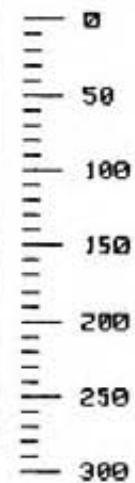
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 08N LOOP B

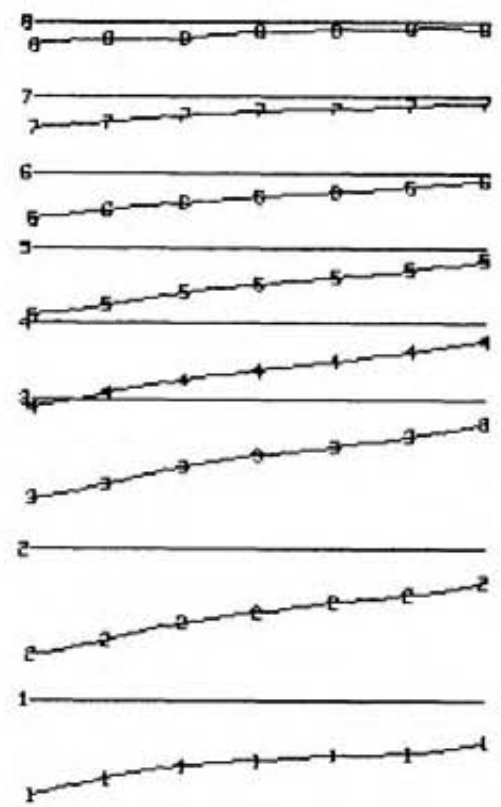
DATE: NOV/83 FIG.: 44



SCALE
P.P.K.
+ OR -

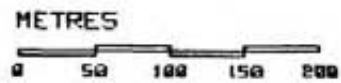
600M
550M
500M
450M
400M
350M
300M

LOOP B



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

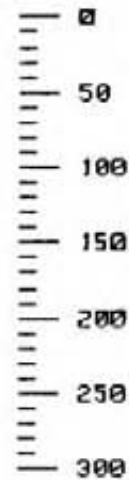
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00N LOOP B

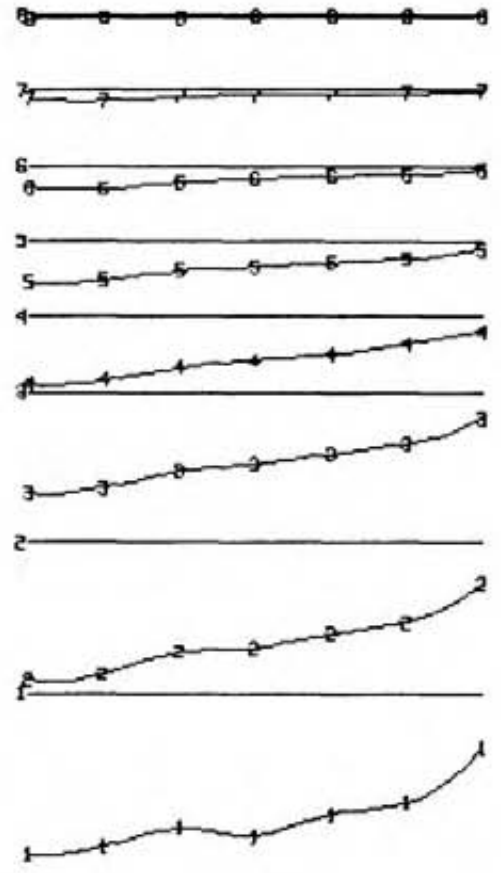
DATE: NOV/83

FIG.: 45



SCALE
P.P.K.
+ OR -

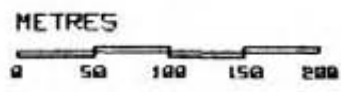
6009
5505
5005
4504
4004
3505
3006



LOOP B

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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

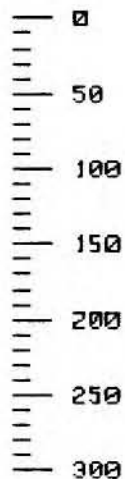


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00N LOOP B

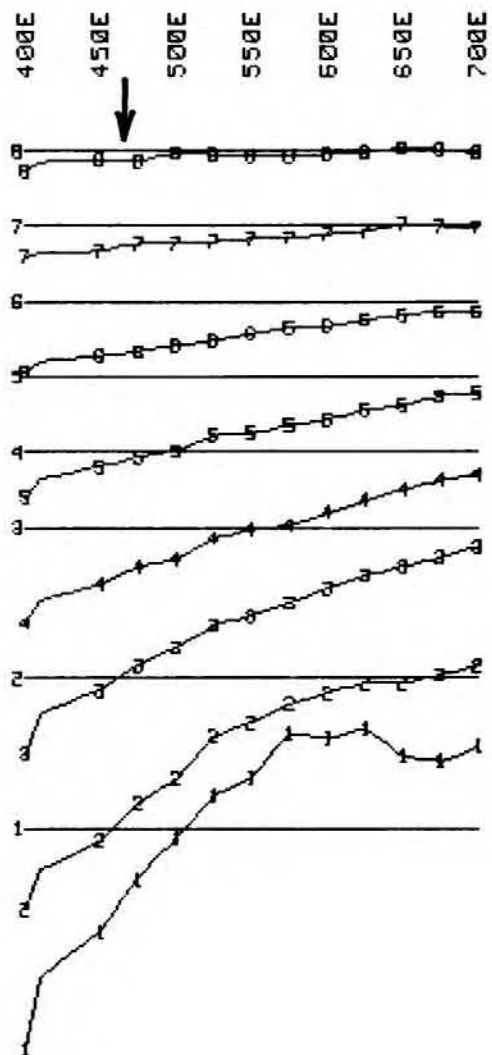
DATE: NOV/83

FIG.: 46

LOOP B

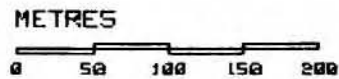


SCALE
P.P.K.
+ OR -



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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

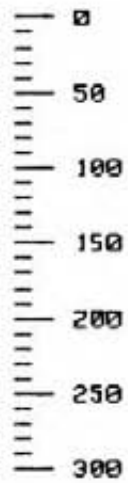


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100S LOOP B

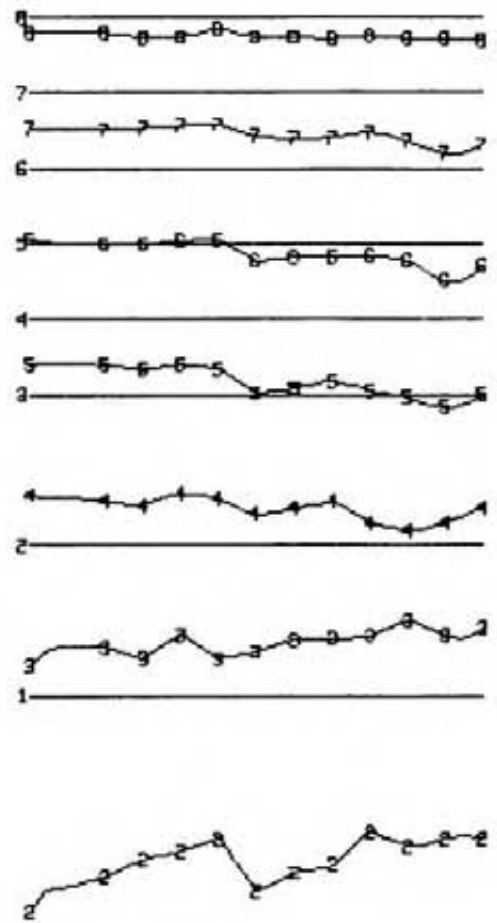
DATE: NOV/83 FIG.: 47

LOOP B

400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

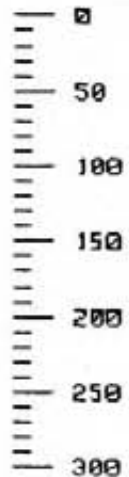
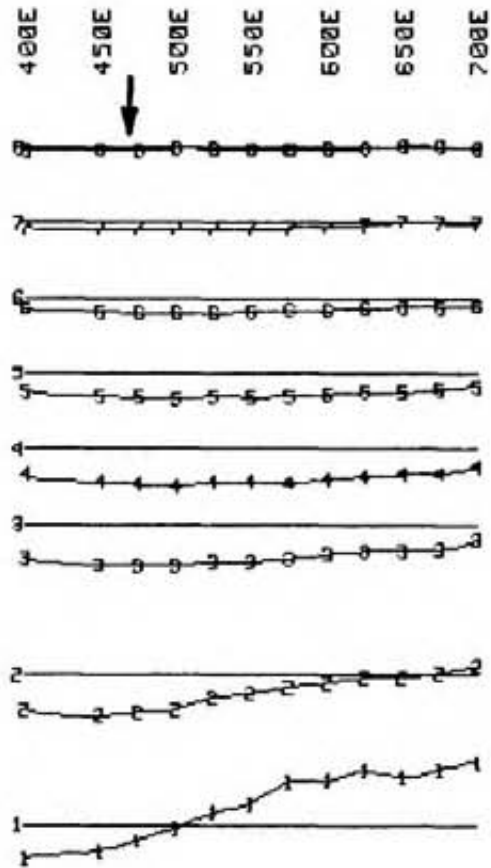
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100S LOOP B

DATE: NOV/83 FIG.: 48

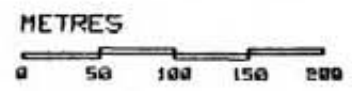
LOOP B



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.



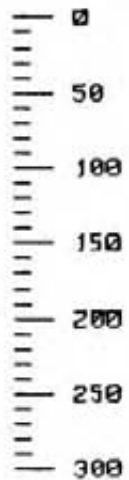
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100S LOOP B

DATE: NOV/83

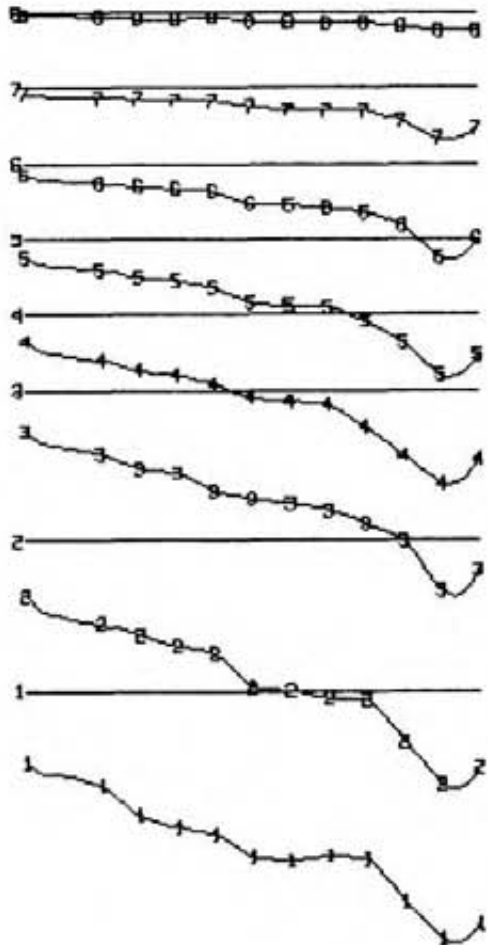
FIG.: 49

LOOP B

400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -



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

METRES

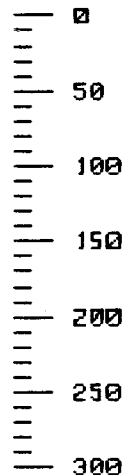


GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100S LOOP B

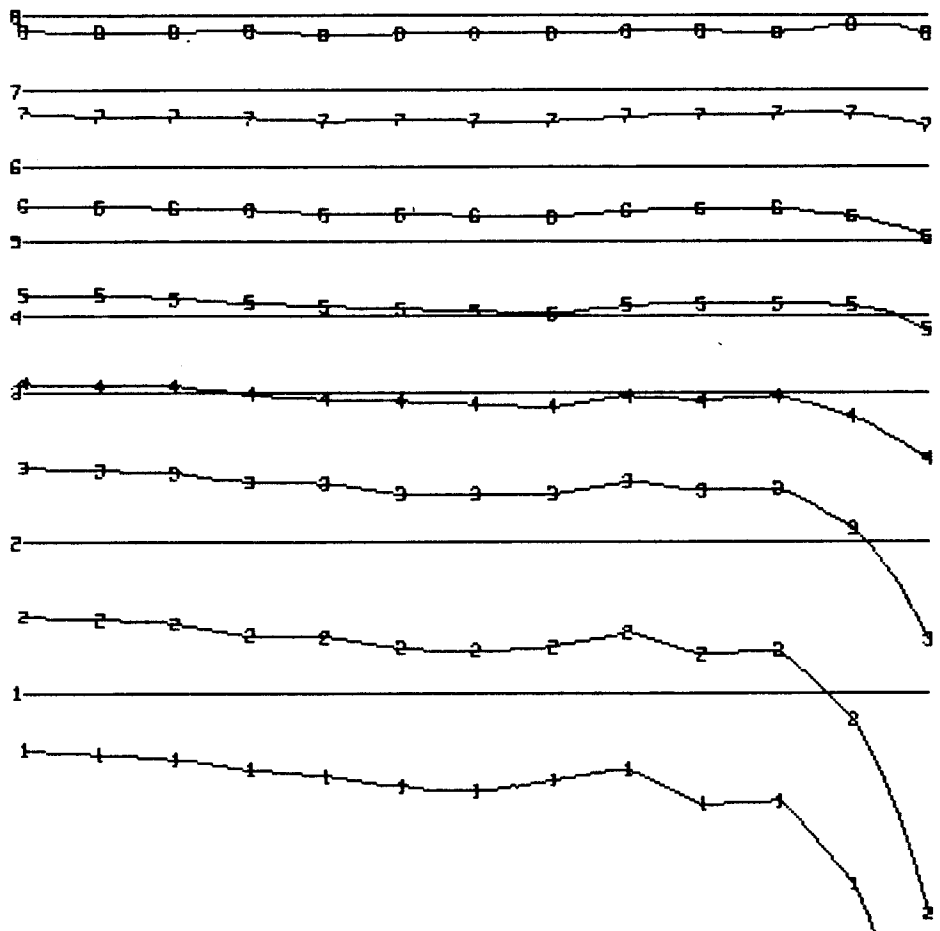
DATE: NOV/83

FIG.: 50



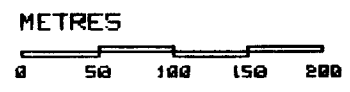
SCALE
P.P.K.
+ OR -

900M 850M 800M 750M 700M 650M 600M 550M 500M 450M 400M 350M 300M



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

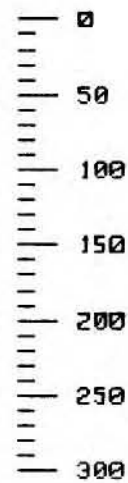
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



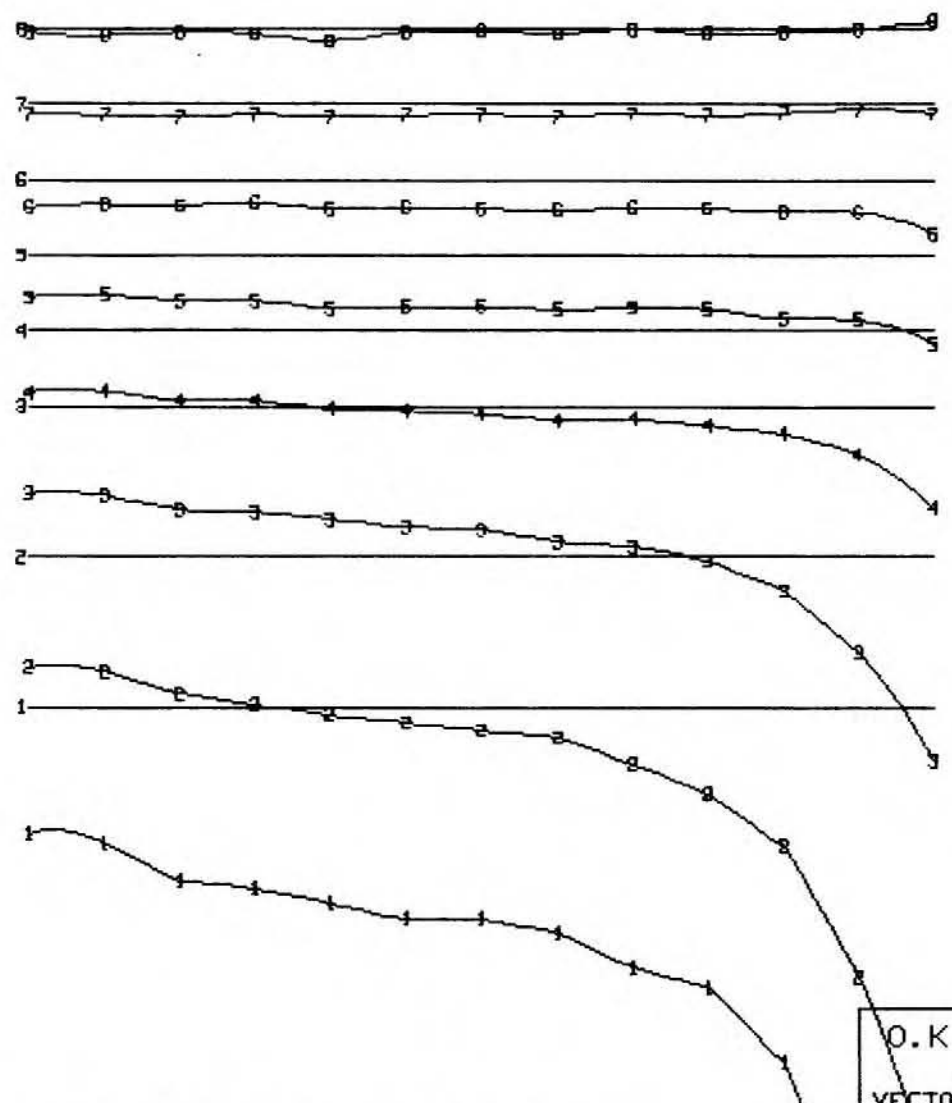
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200S LOOP B

DATE: NOV/83 FIG.: 51

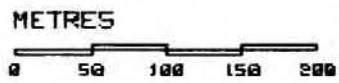
900M 850M 800M 750M 700M 650M 600M 550M 500M 450M 400M 350M 300M



SCALE
P.P.K.
+ OR -



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

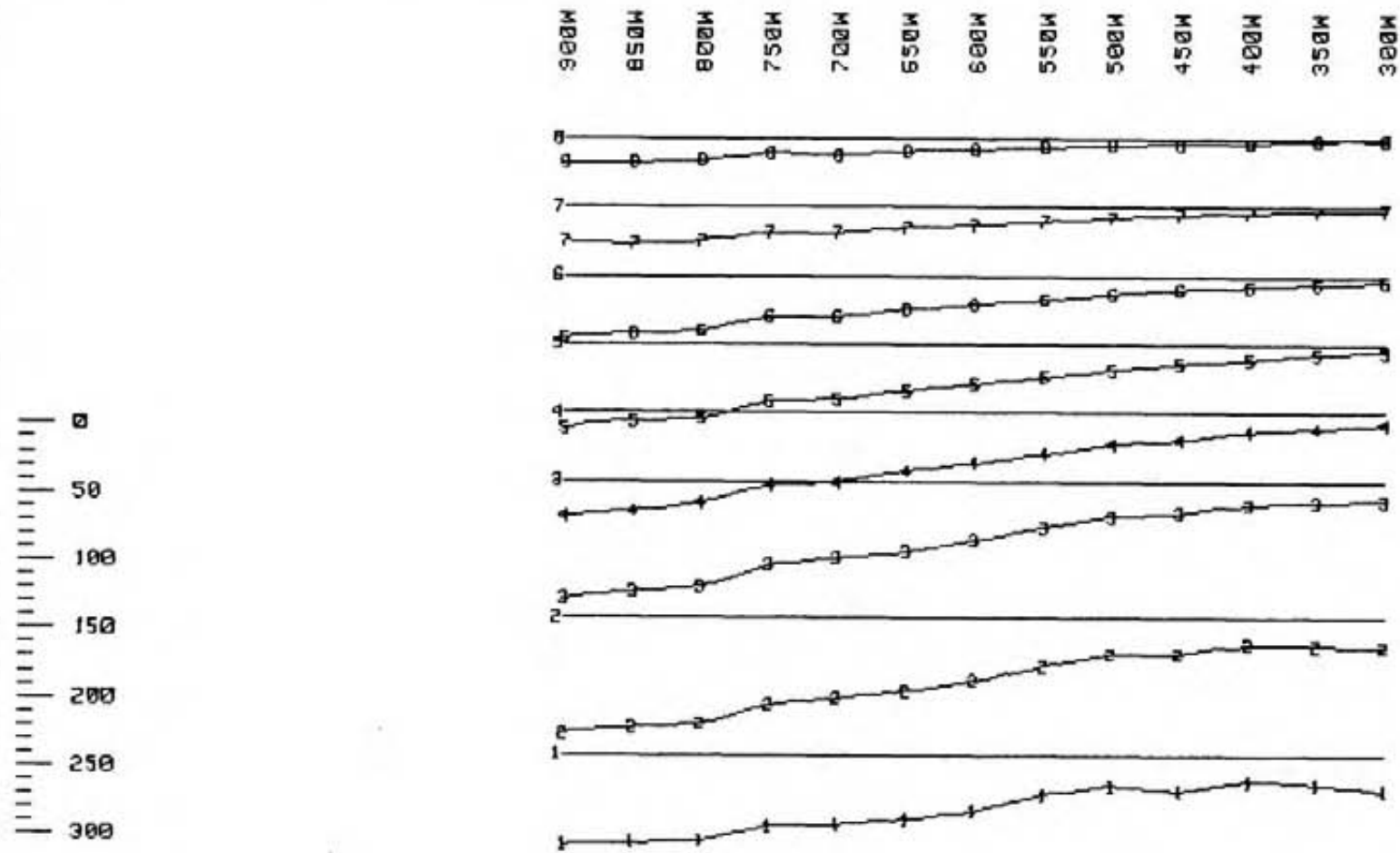


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200S LOOP B

DATE: NOV/83

FIG.: 52

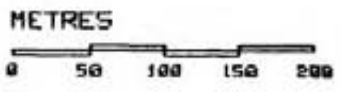
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



SCALE
P.P.K.
+ OR -

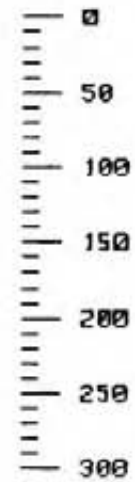
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



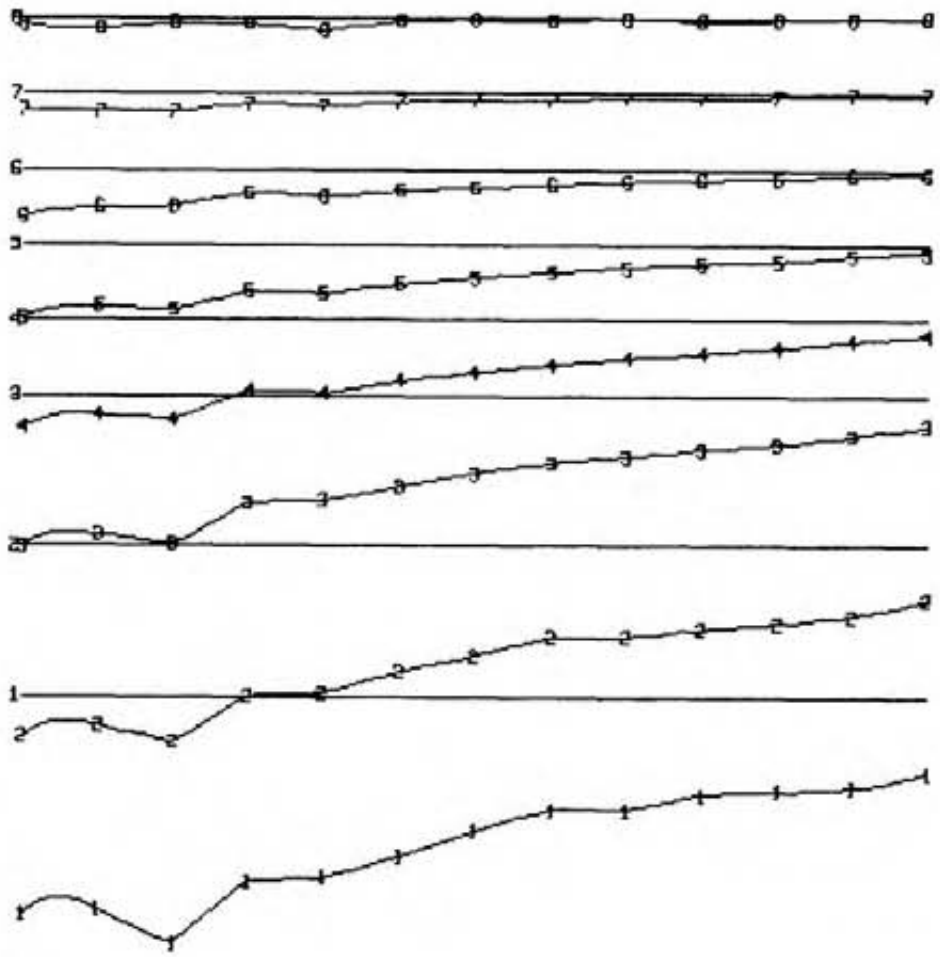
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2005 LOOP B

DATE: NOV/83 FIG.: 53



SCALE
P.P.K.
+ OR -

900M 850M 800M 750M 700M 650M 600M 550M 500M 450M 400M 350M 300M



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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

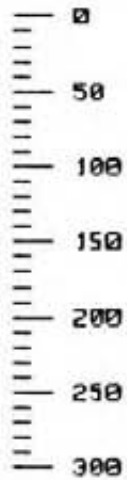
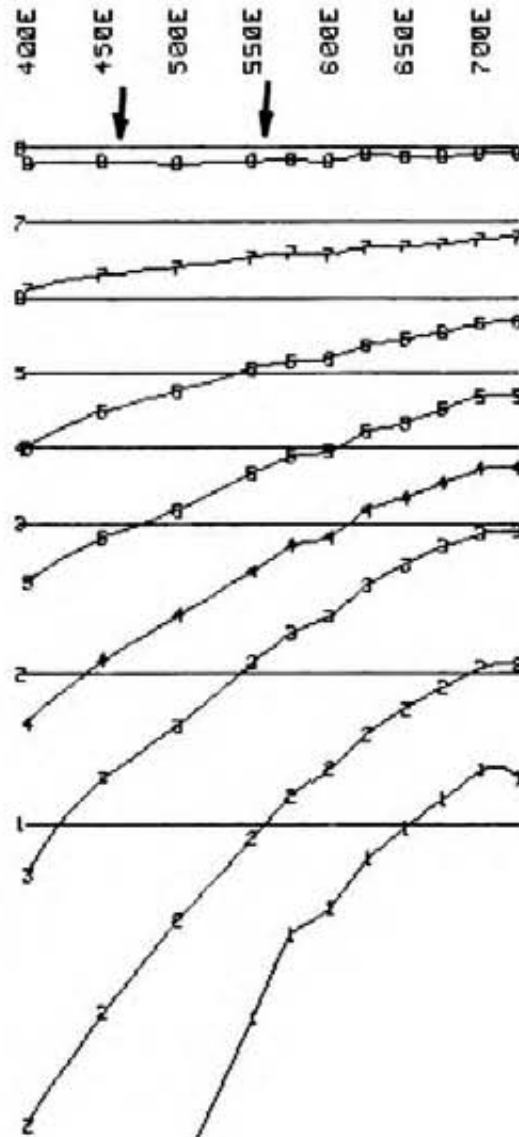


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200S LOOP B

DATE: NOV/83

FIG.: 54

LOOP B



SCALE
P.P.K.
+ OR -

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



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& SERVICES LTD.

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KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300S LOOP B

DATE: NOV/83

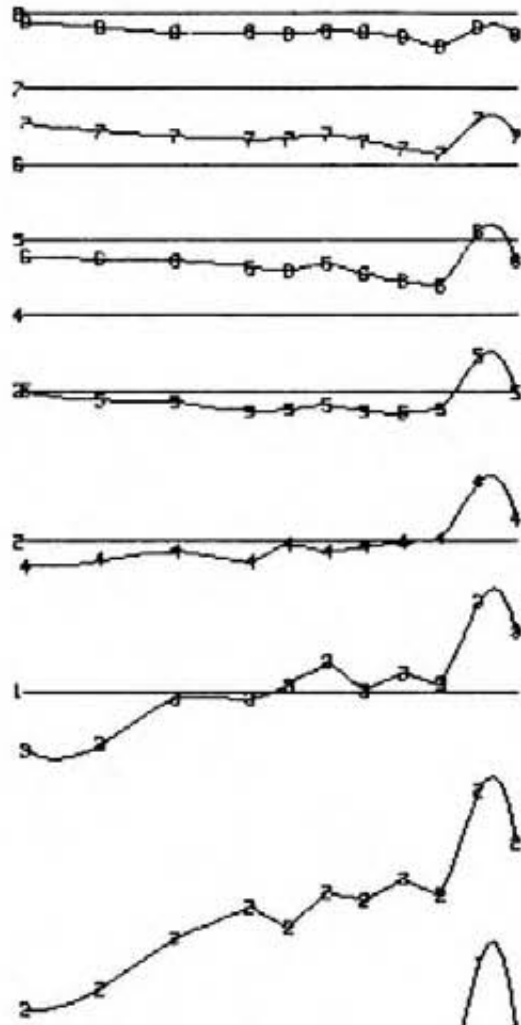
FIG.: 55

LOOP B

400E 450E 500E 550E 600E 650E 700E

0
50
100
150
200
250
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.

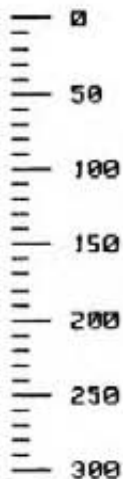
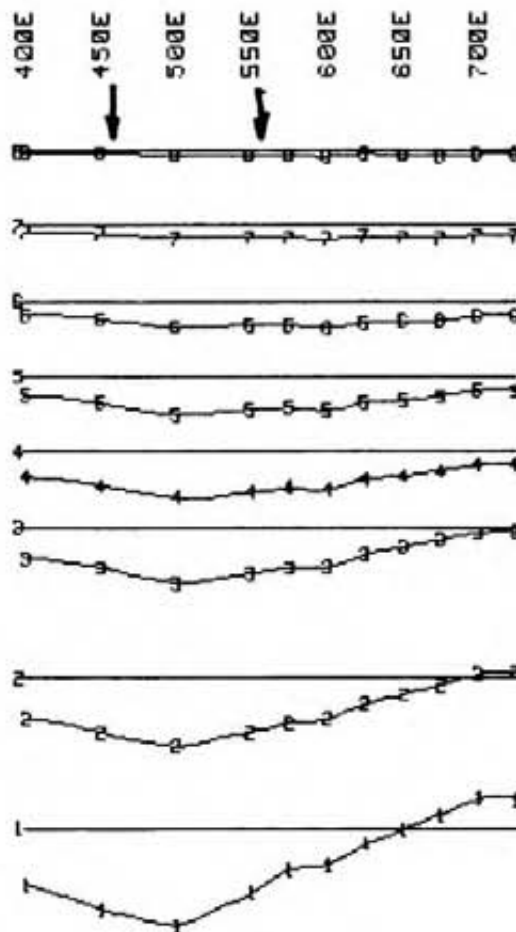
METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300S LOOP B

DATE: NOV/83

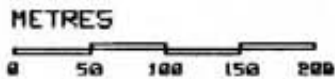
FIG.: 56

LOOP B



SCALE
P.P.K.
+ OR -

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300S LOOP B

DATE: NOV/83

FIG.: 57

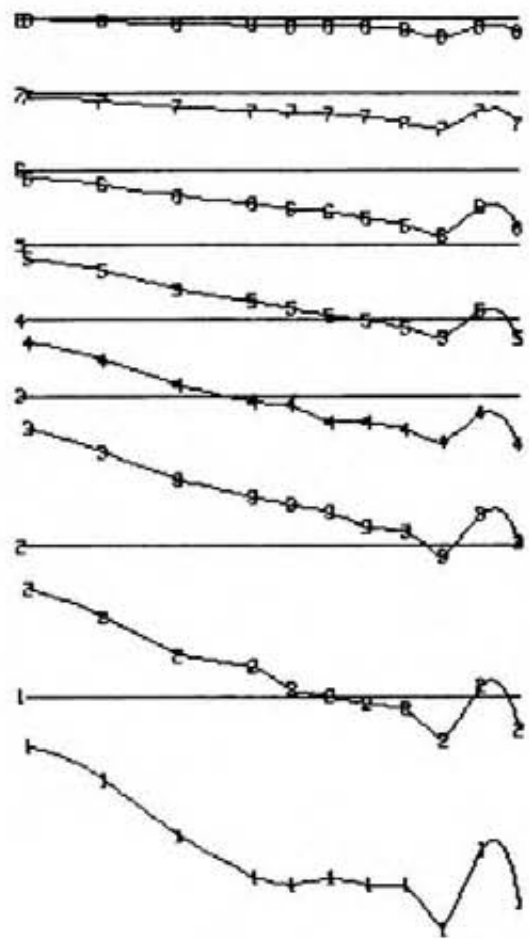
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

400E 450E 500E 550E 600E 650E 700E

0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -



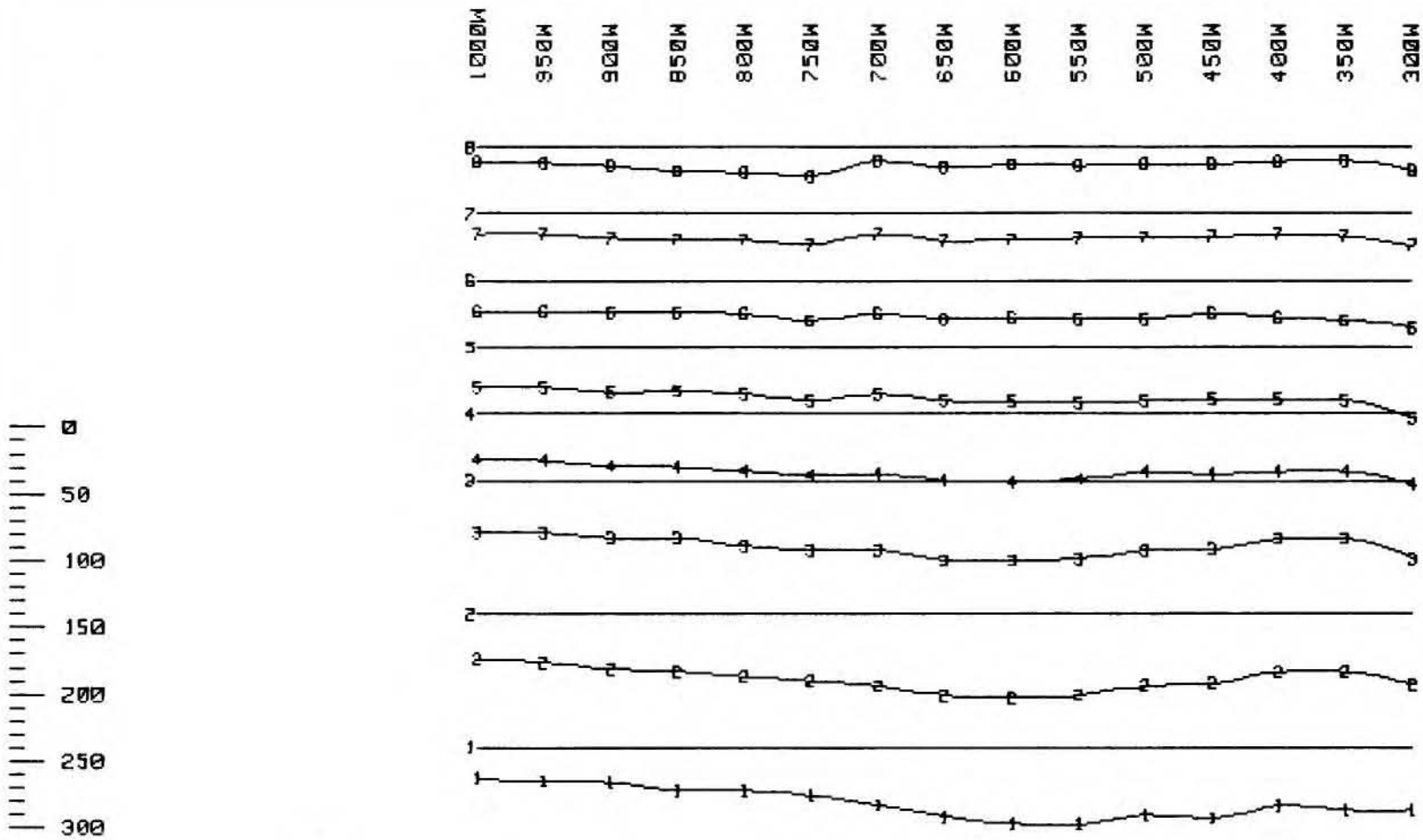
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300S LOOP B

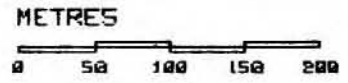
DATE: NOV/83 FIG.: 58



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.

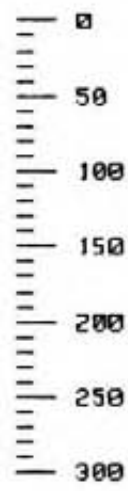
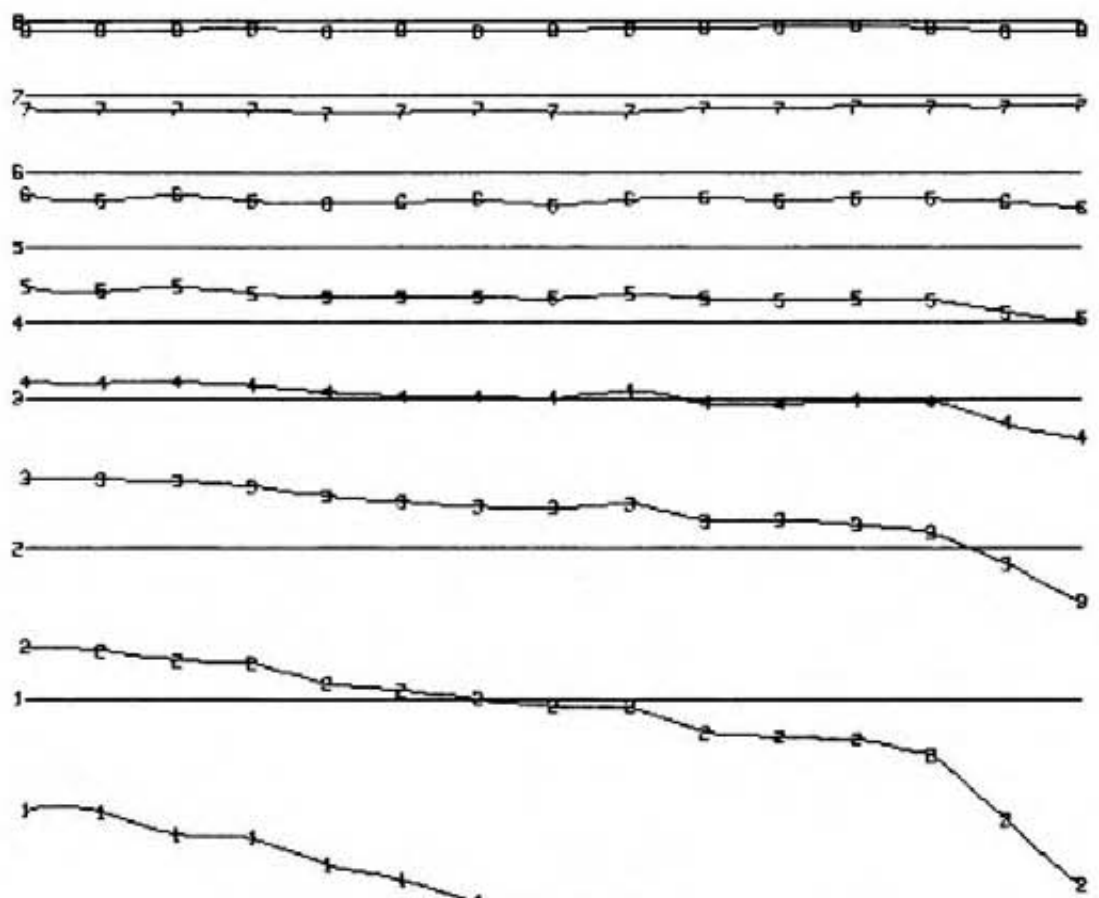


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 4005 LOOP B

DATE: NOV/83

FIG.: 59

1000M
950M
900M
850M
800M
750M
700M
650M
600M
550M
500M
450M
400M
350M
300M



SCALE
P.P.K.
+ OR -

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



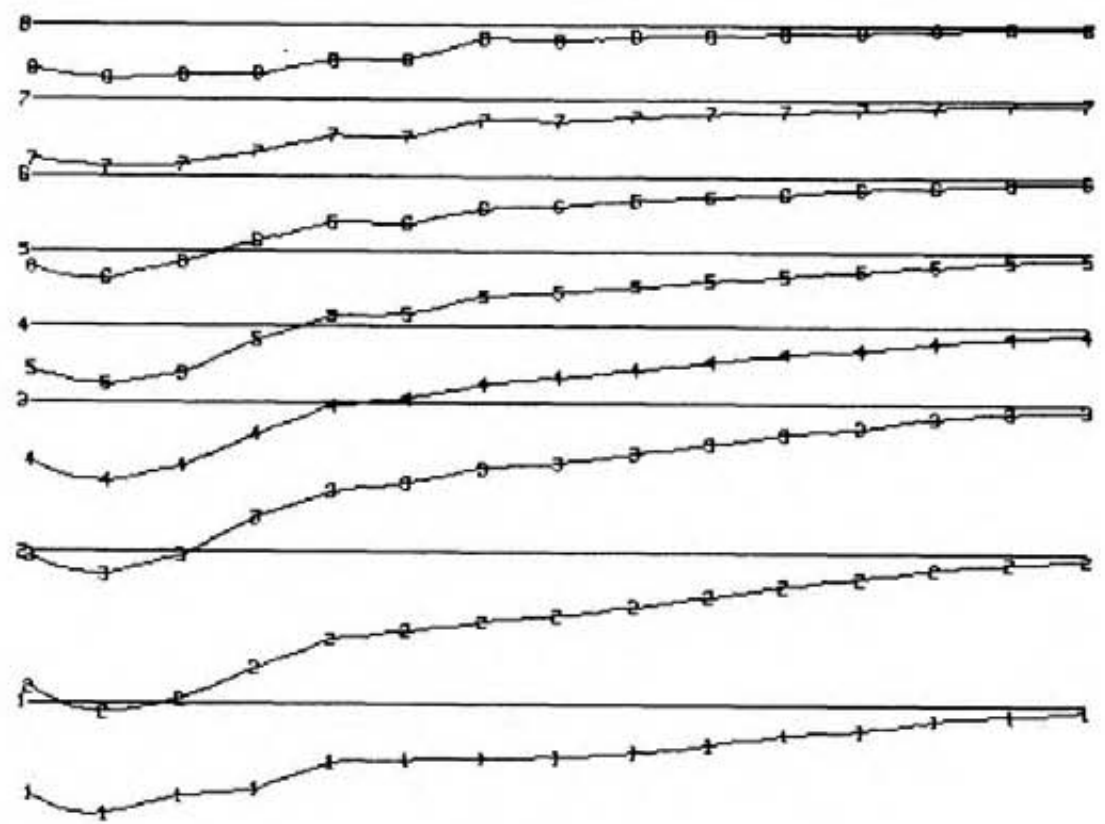
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400S LOOP B

DATE: NOV/83

FIG.: 60

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

MB001
 950W
 900W
 850W
 800W
 750W
 700W
 650W
 600W
 550W
 500W
 450W
 400W
 350W
 300W



0
 50
 100
 150
 200
 250
 300

SCALE
 P.P.K.
 + OR -

GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

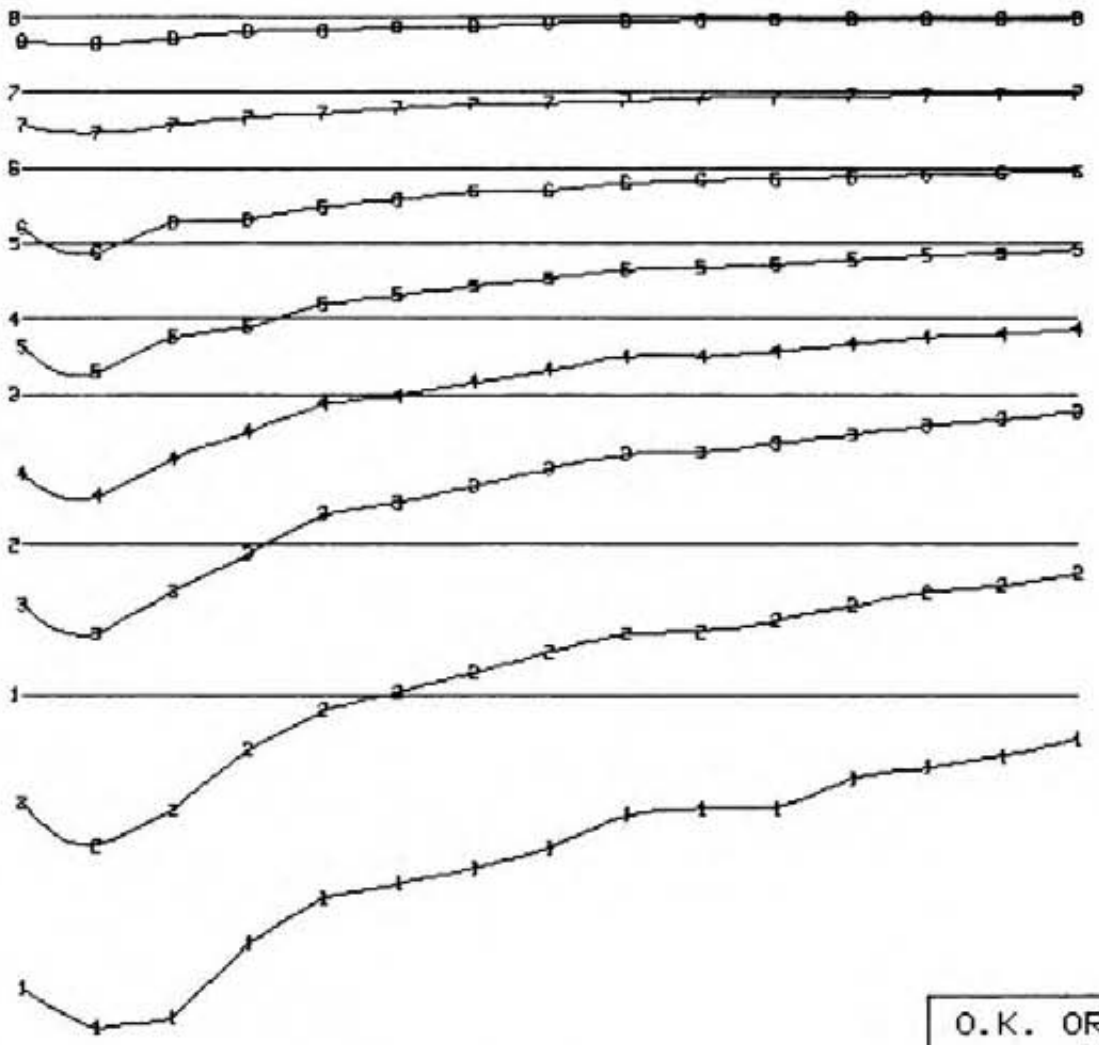
PRIMARY FIELD NORMALIZED DATA
 NUMBER IN LINE-CHANNEL NUMBER
 INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
 KAMAD 7 CLAIMS
 VECTOR PULSE ELECTROMAGNETOMETER
 VERTICAL COMPONENT
 LINE 400S LOOP B

DATE: NOV/83 FIG.: 61

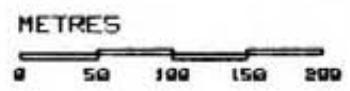
1000M
950M
900M
850M
800M
750M
700M
650M
600M
550M
500M
450M
400M
350M
300M



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

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



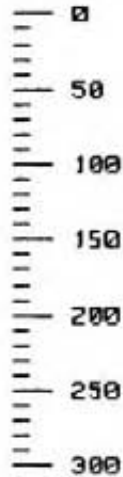
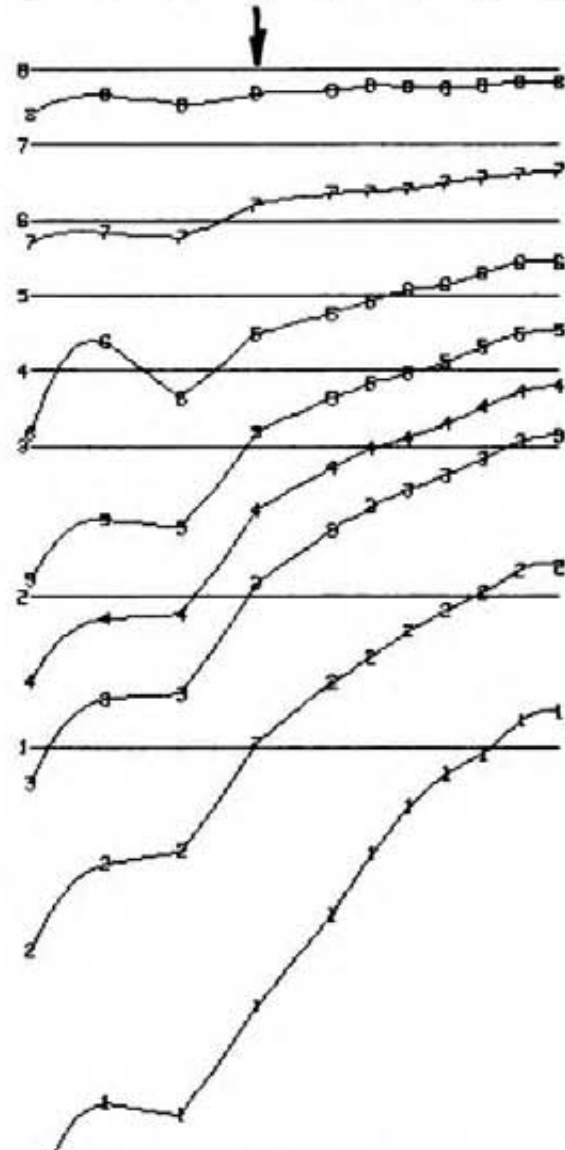
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400S LOOP B

DATE: NOV/83 FIG.: 62

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

400E 450E 500E 550E 600E 650E 700E 750E



SCALE
P.P.K.
+ OR -

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 500S LOOP B

DATE: NOV/83 FIG.: 63

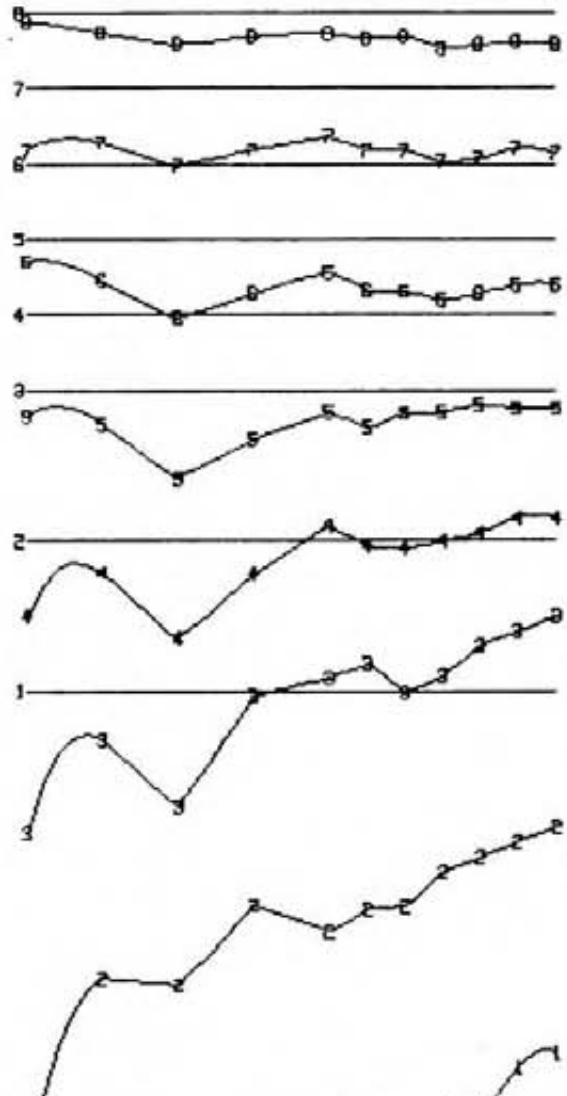
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

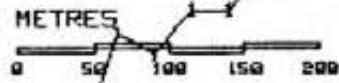
400E 450E 500E 550E 600E 650E 700E 750E

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.



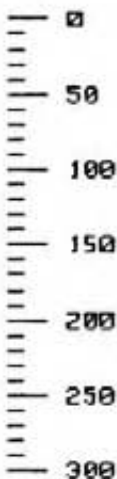
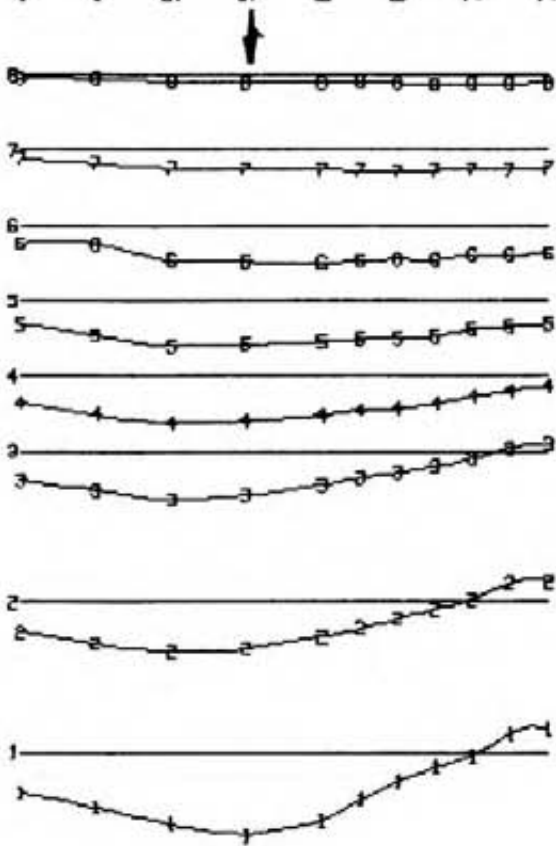
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 500S LOOP B

DATE: NOV/83 FIG.: 64

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

400E 450E 500E 550E 600E 650E 700E 750E



SCALE
P.P.K.
+ OR -

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 500S LOOP B

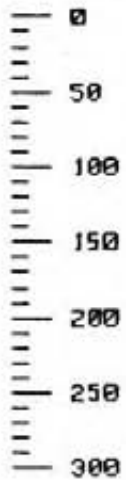
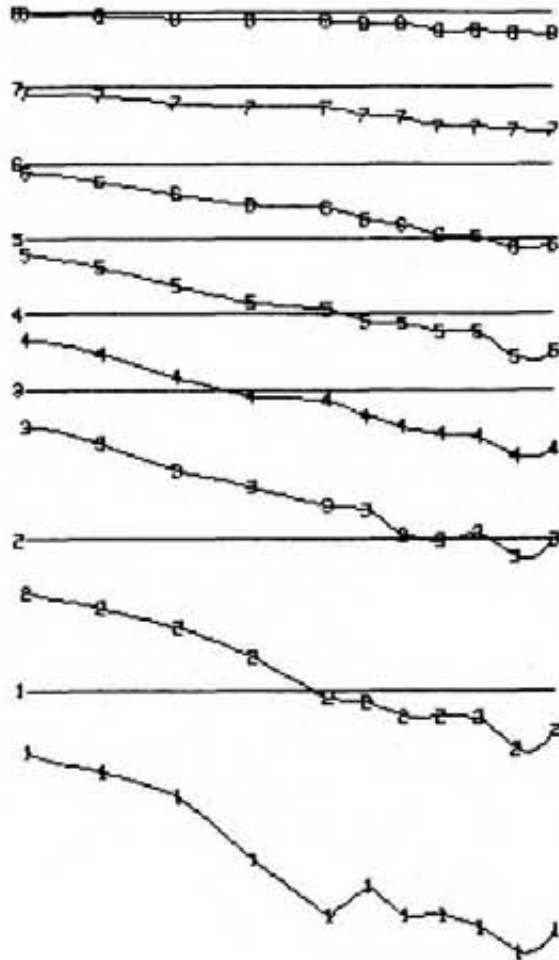
DATE: NOV/83

FIG.: 65

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

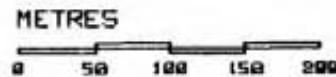
LOOP B

400E 450E 500E 550E 600E 650E 700E 750E



SCALE
P.P.K.
+ OR -

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

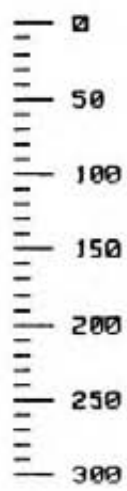


GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

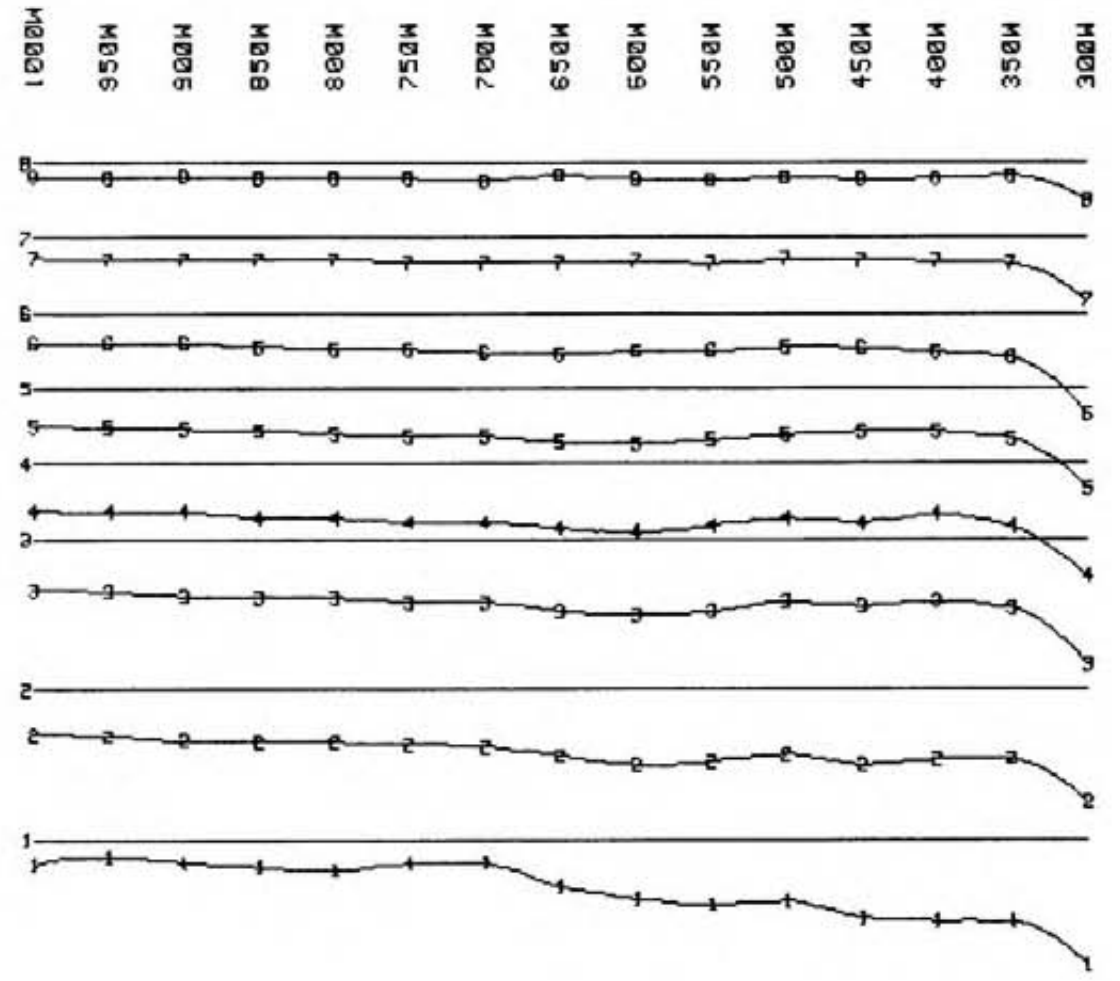
O.K. ORE PROCESSING LTD.
KAMAD ? CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 500S LOOP B

DATE: NOV/83

FIG.: 66



SCALE
P.P.K.
+ OR -



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



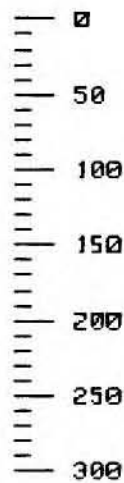
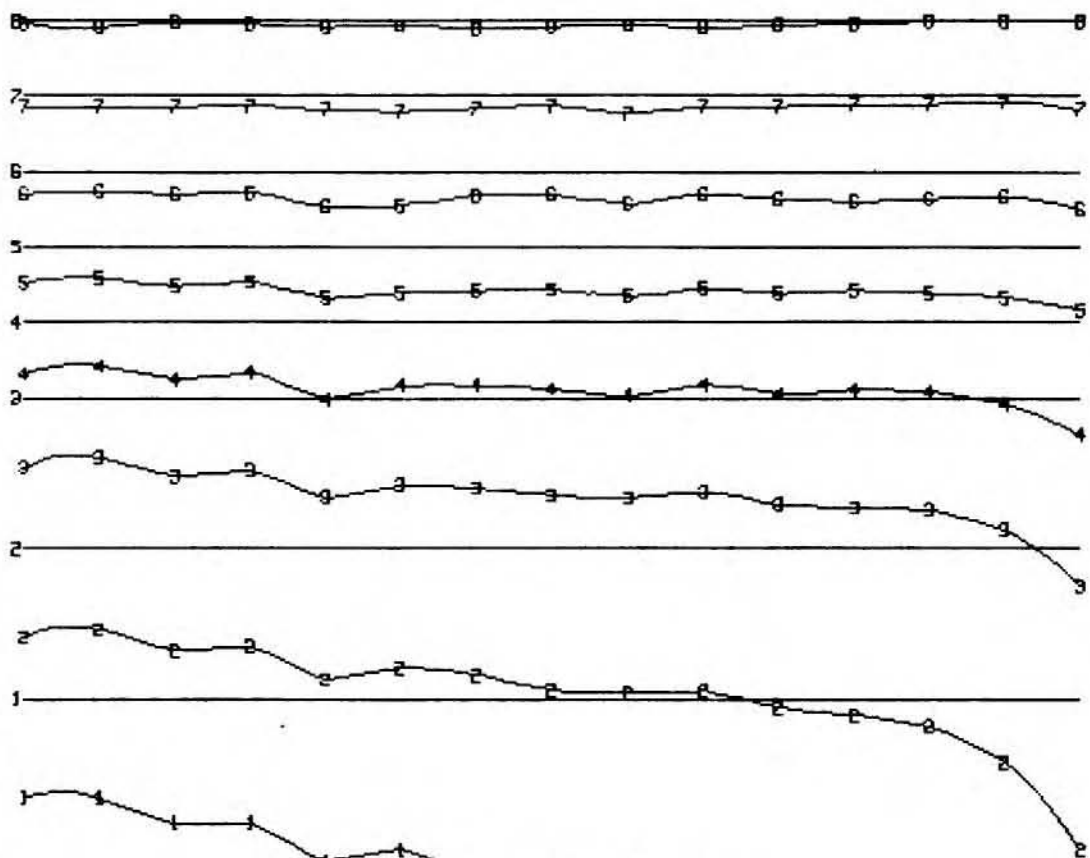
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 6005 LOOP B

DATE: NOV/83

FIG.: 67

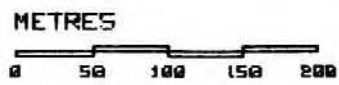
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

1000M
950M
900M
850M
800M
750M
700M
650M
600M
550M
500M
450M
400M
350M
300M



SCALE
P.P.K.
+ OR -

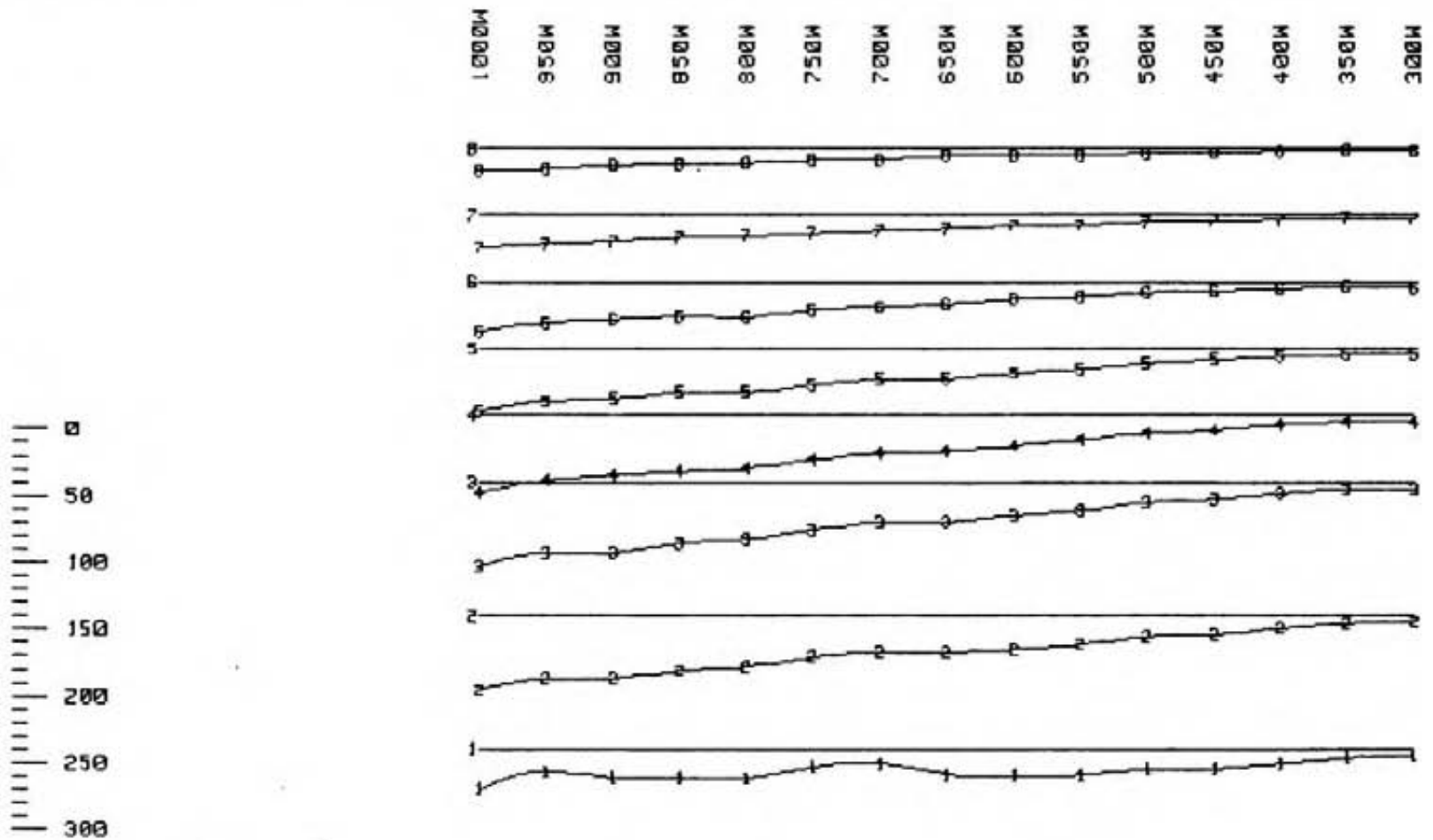
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMETER
HORIZONTAL COMPONENT
LINE 600S LOOP B

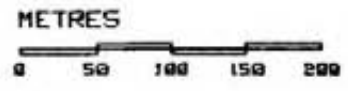
DATE: NOV/83 FIG.: 68

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



SCALE
P.P.K.
+ OR -

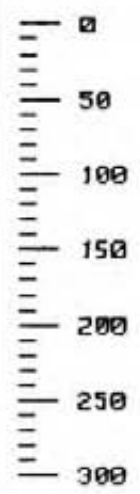
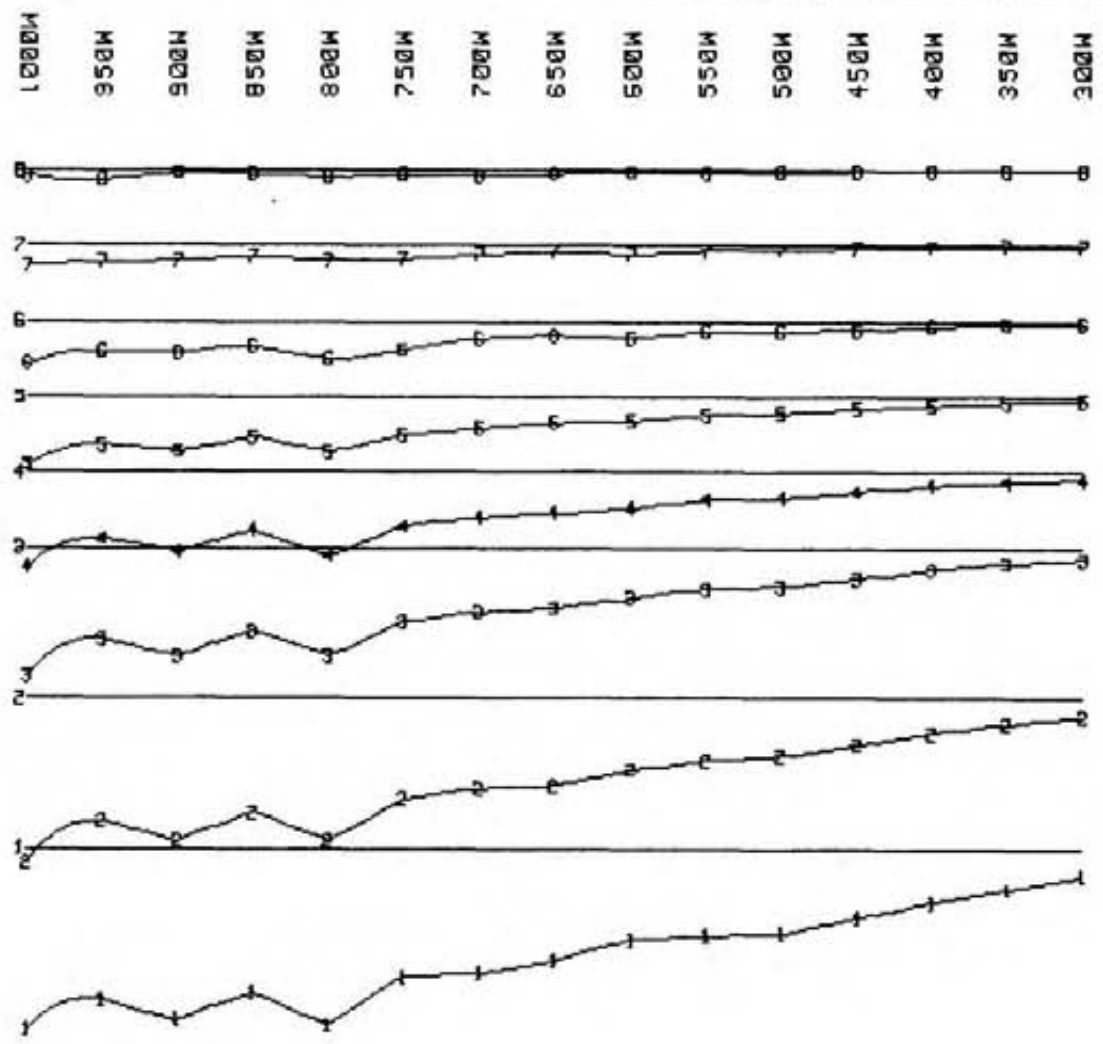
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 600S LOOP B

DATE: NOV/83 FIG.: 69

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



SCALE
P.P.K.
+ OR -

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 600S LOOP B

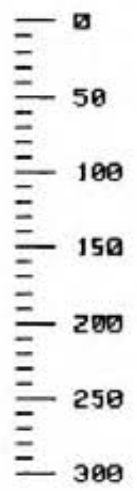
DATE: NOV/83

FIG.: 70

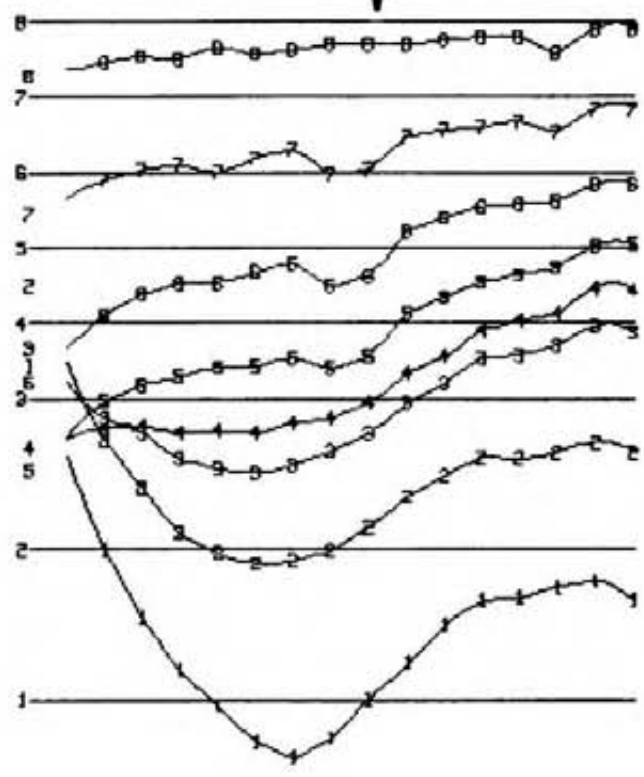
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

400E 450E 500E 550E 600E 650E 700E 750E 800E



SCALE
P.P.K.
+ OR -



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



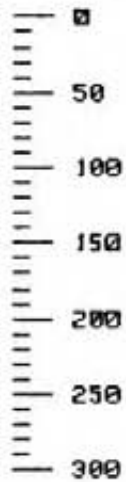
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 700S LOOP B

DATE: NOV/83 FIG.: 71

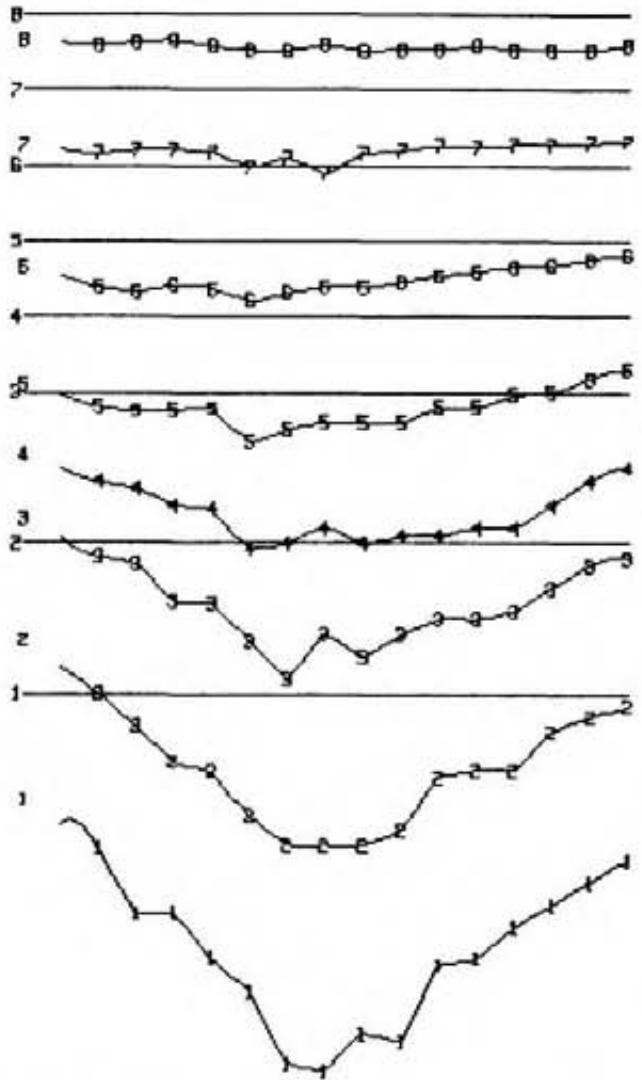
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

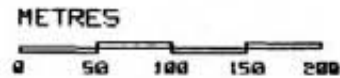
400E 450E 500E 550E 600E 650E 700E 750E 800E



SCALE
P.P.K.
+ OR -



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



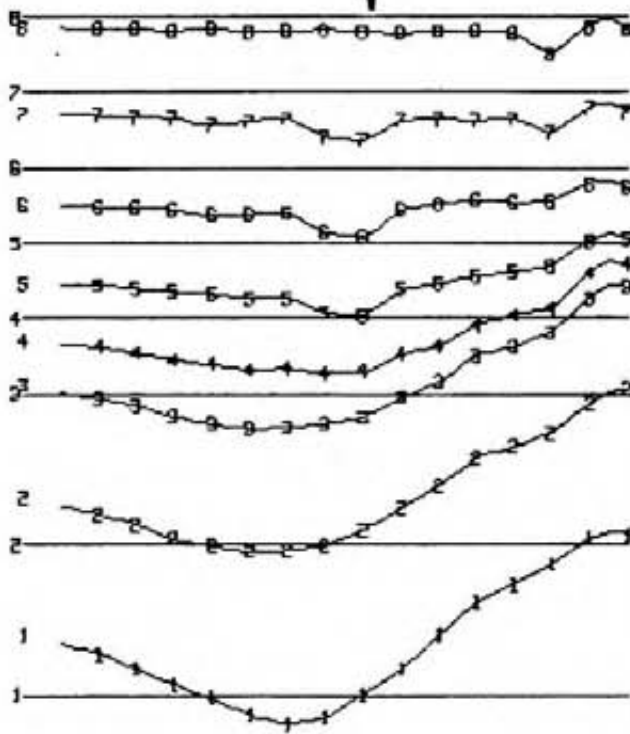
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 700S LOOP B

DATE: NOV/83

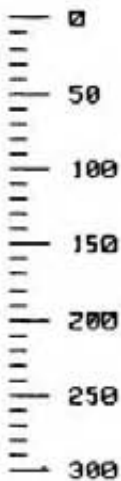
FIG.: 72

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

400E 450E 500E 550E 600E 650E 700E 750E 800E



LOOP B



SCALE
P.P.K.
+ OR -

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 700S LOOP B

DATE: NOV/83

FIG.: 73

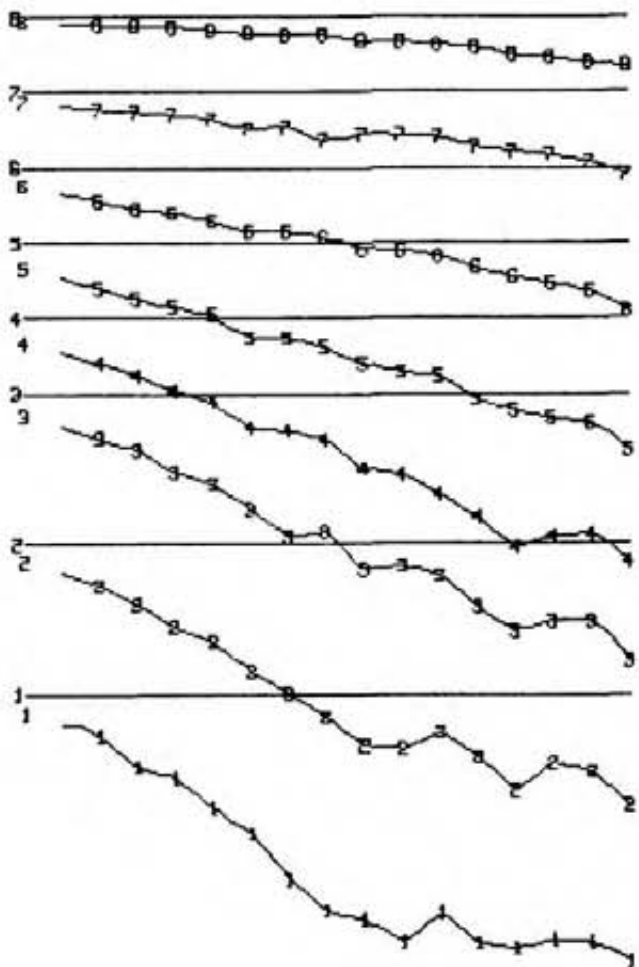
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

400E 450E 500E 550E 600E 650E 700E 750E 800E

0
50
100
150
200
250
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.



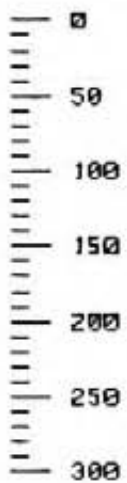
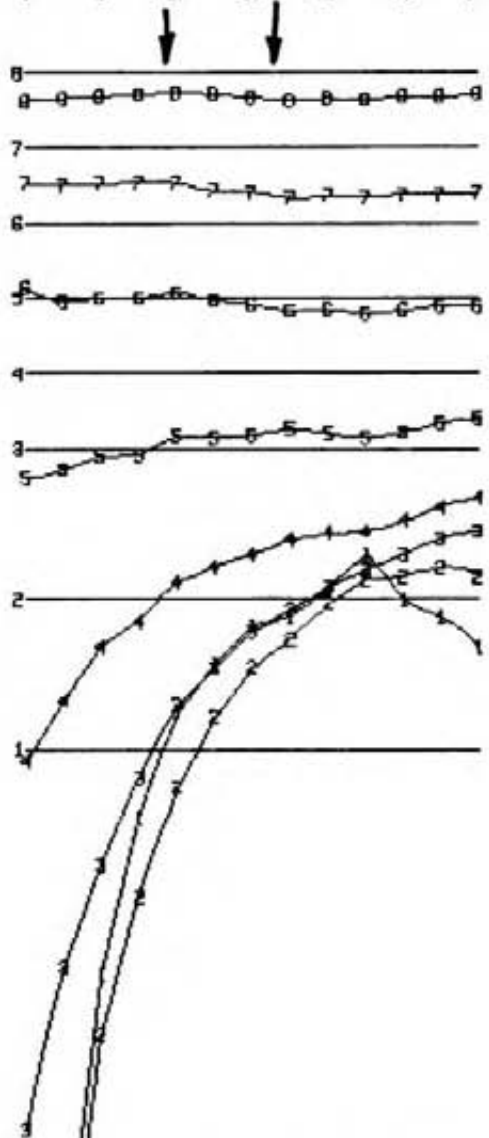
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 700S LOOP B

DATE: NOV/83

FIG.: 74

LOOP B

400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -

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



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 980S LOOP B

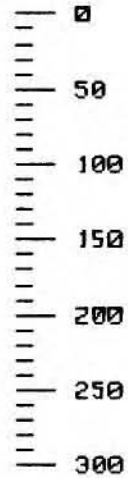
DATE: NOV/83

FIG.: 79

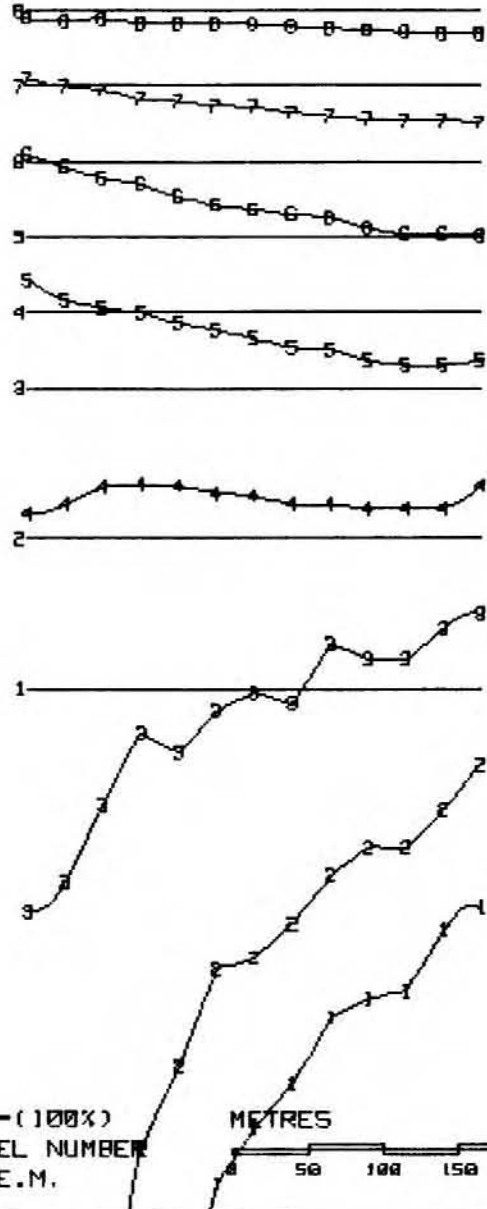
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

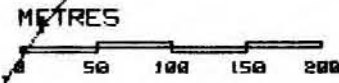
400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -



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



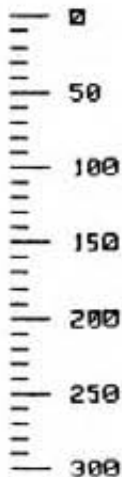
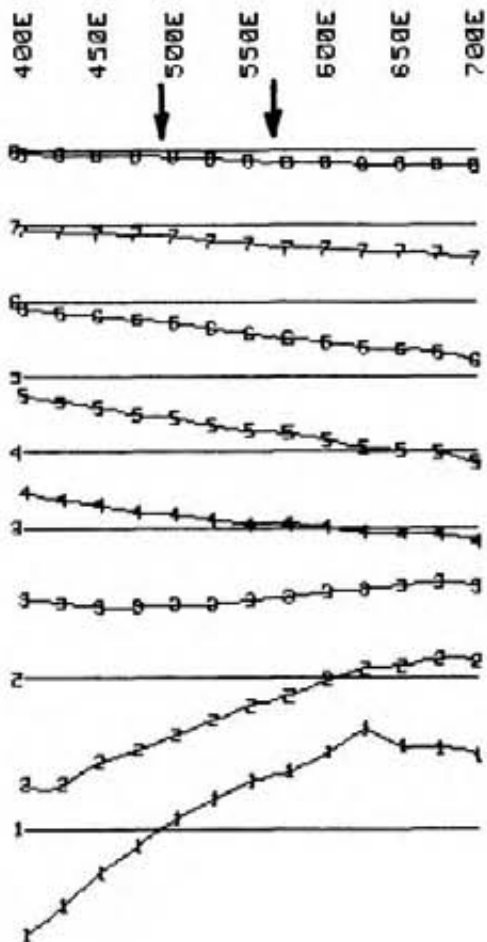
O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 900S LOOP B

DATE: NOV/83

FIG.: 80

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B



SCALE
P.P.K.
+ OR -

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

METRES



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 900S LOOP B

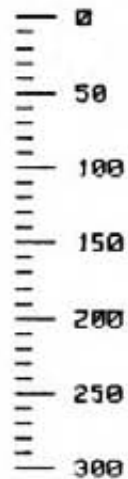
DATE: NOV/83

FIG.: 81

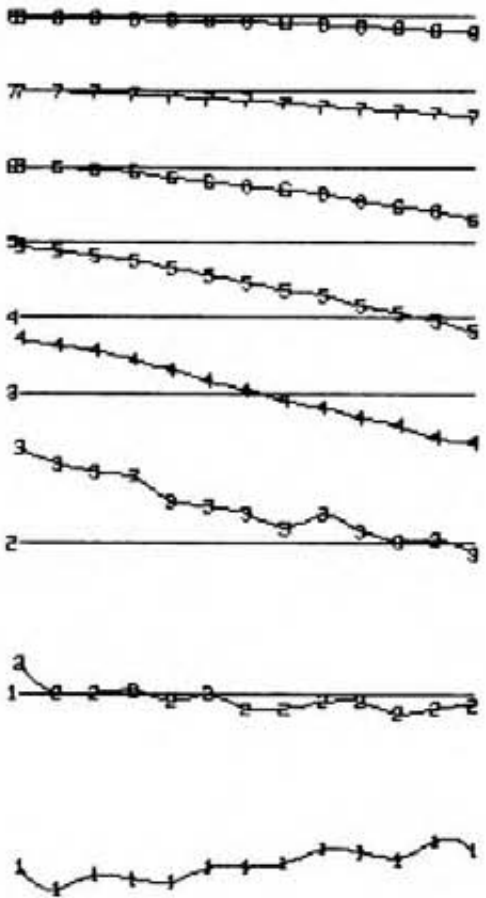
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

LOOP B

400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

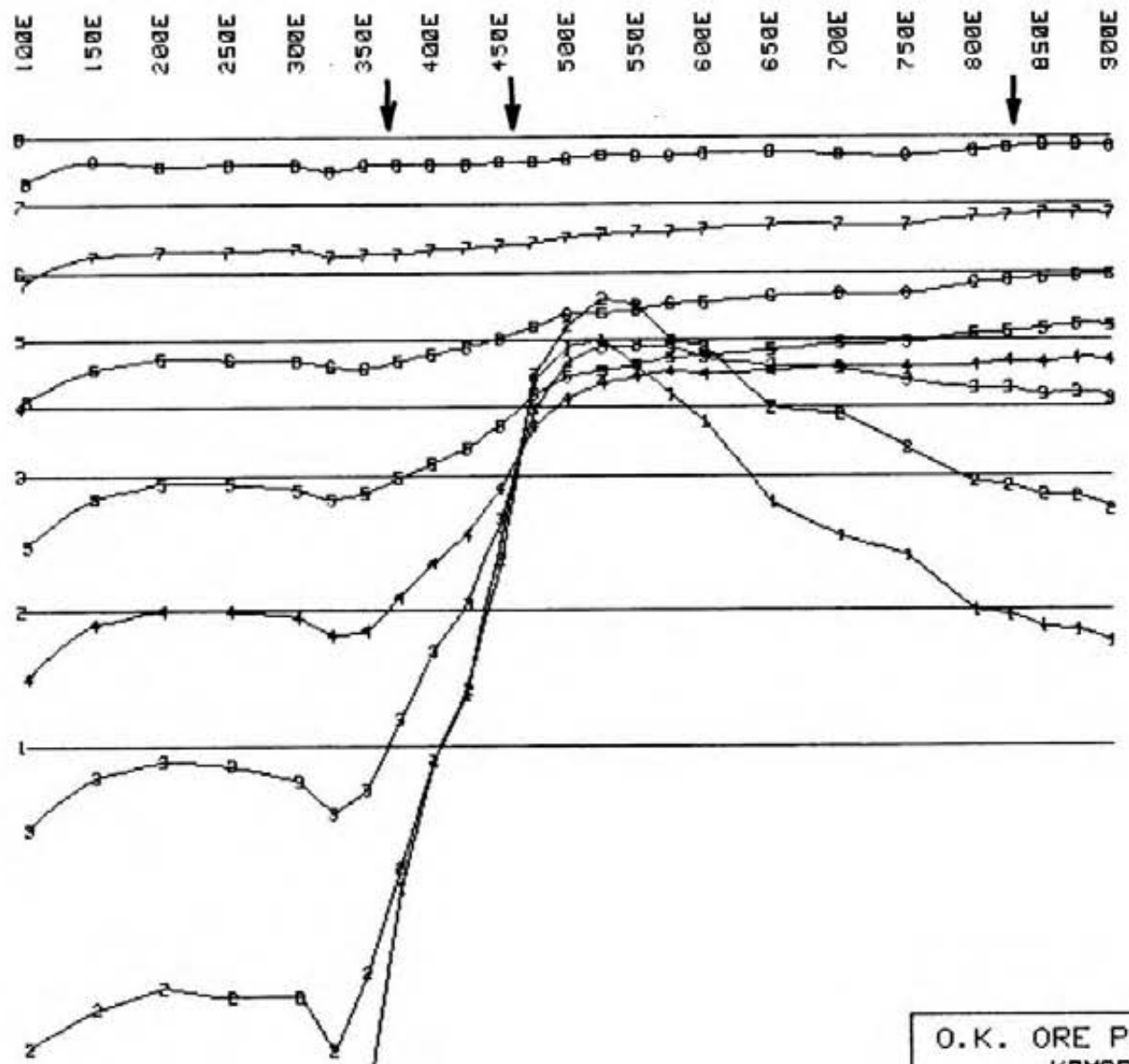
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 900S LOOP B

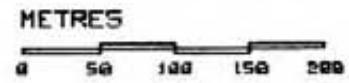
DATE: NOV/83

FIG.: 82



GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

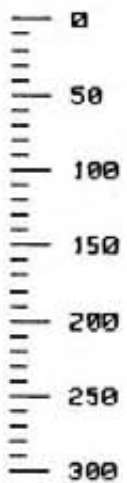
CONSTANT GAIN DATA, G (100%)
 NUMBER IN LINE - CHANNEL NUMBER
 INSTRUMENT: CRONE P.J.E.M.



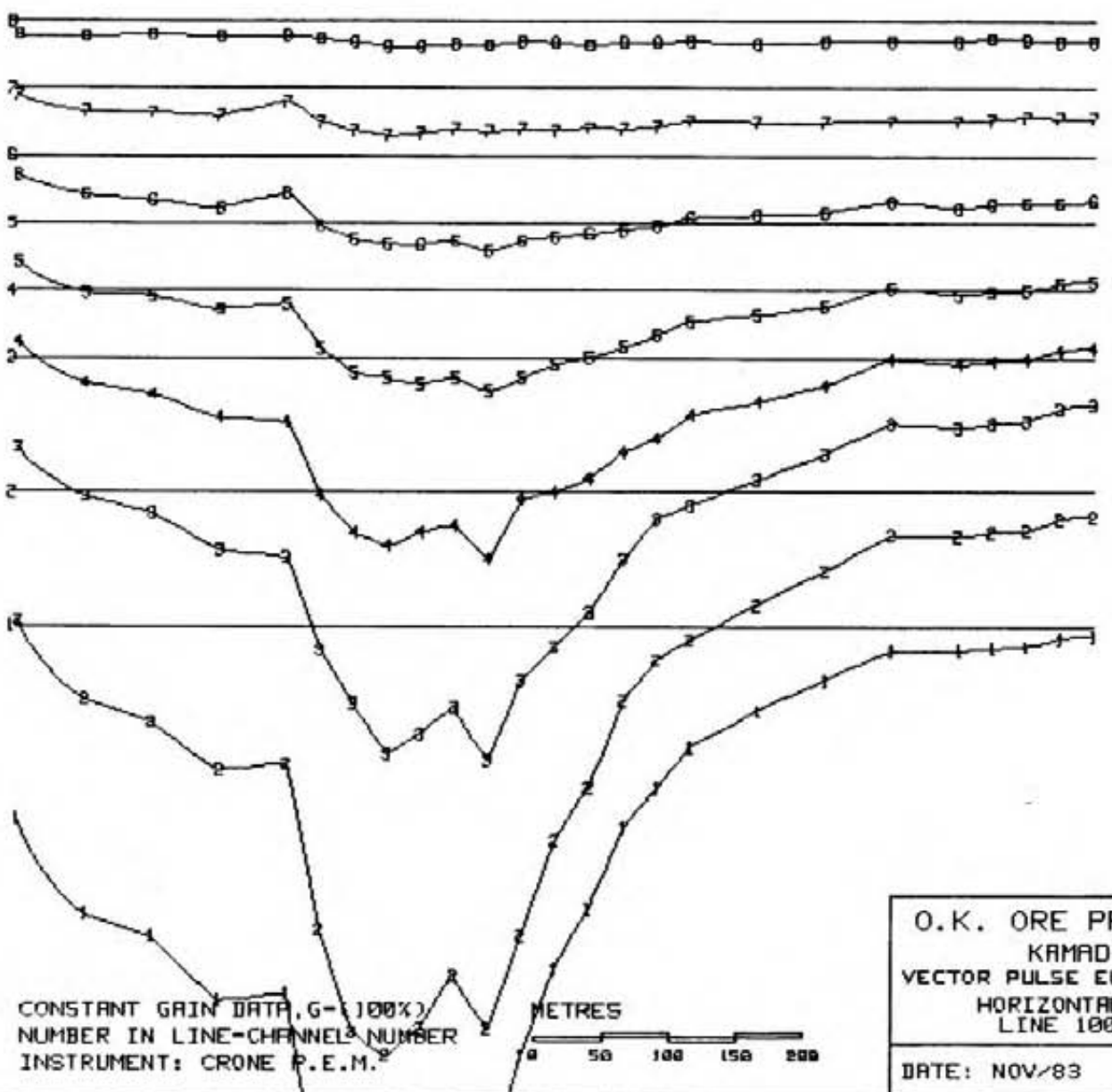
O.K. ORE PROCESSING LTD.
 KAMAD 7 CLAIMS
 VECTOR PULSE ELECTROMAGNETOMETER
 VERTICAL COMPONENT
 LINE 1000S LOOP C

DATE: NOV/83 FIG.: 83

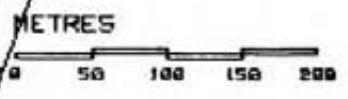
100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E



SCALE
P.P.K.
+ OR -



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

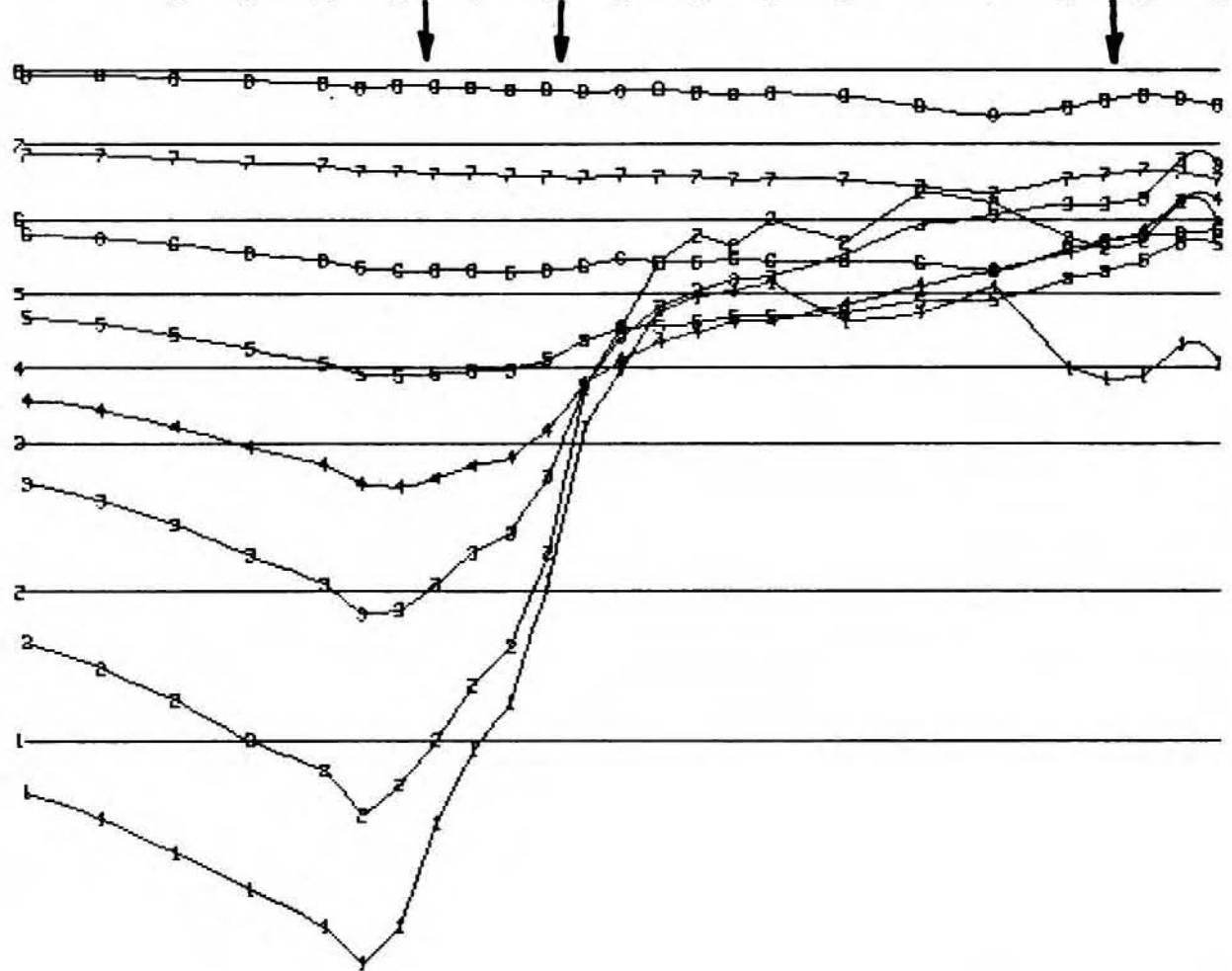


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100BS LOOP C

DATE: NOV/83 FIG.: 84

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E



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

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

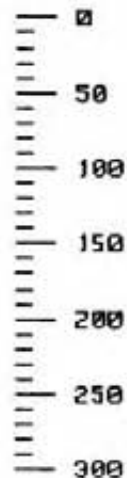
METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1000S LOOP C

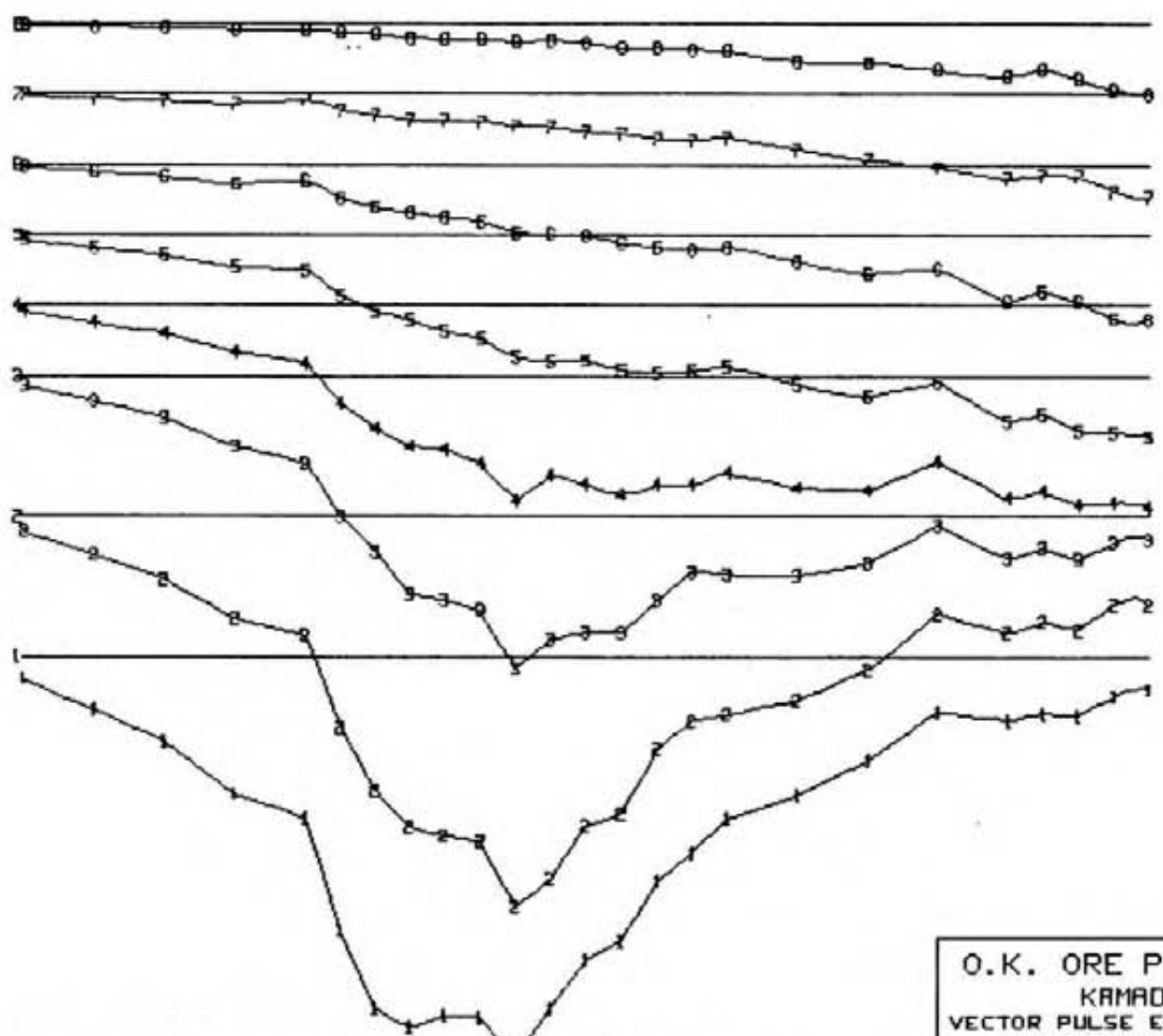
DATE: NOV/83 FIG.: 85

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

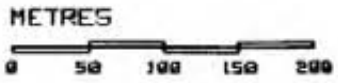
100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E



SCALE
P.P.K.
+ OR -



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

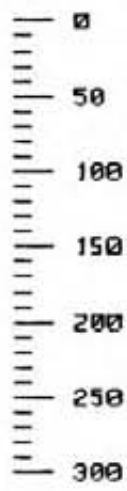
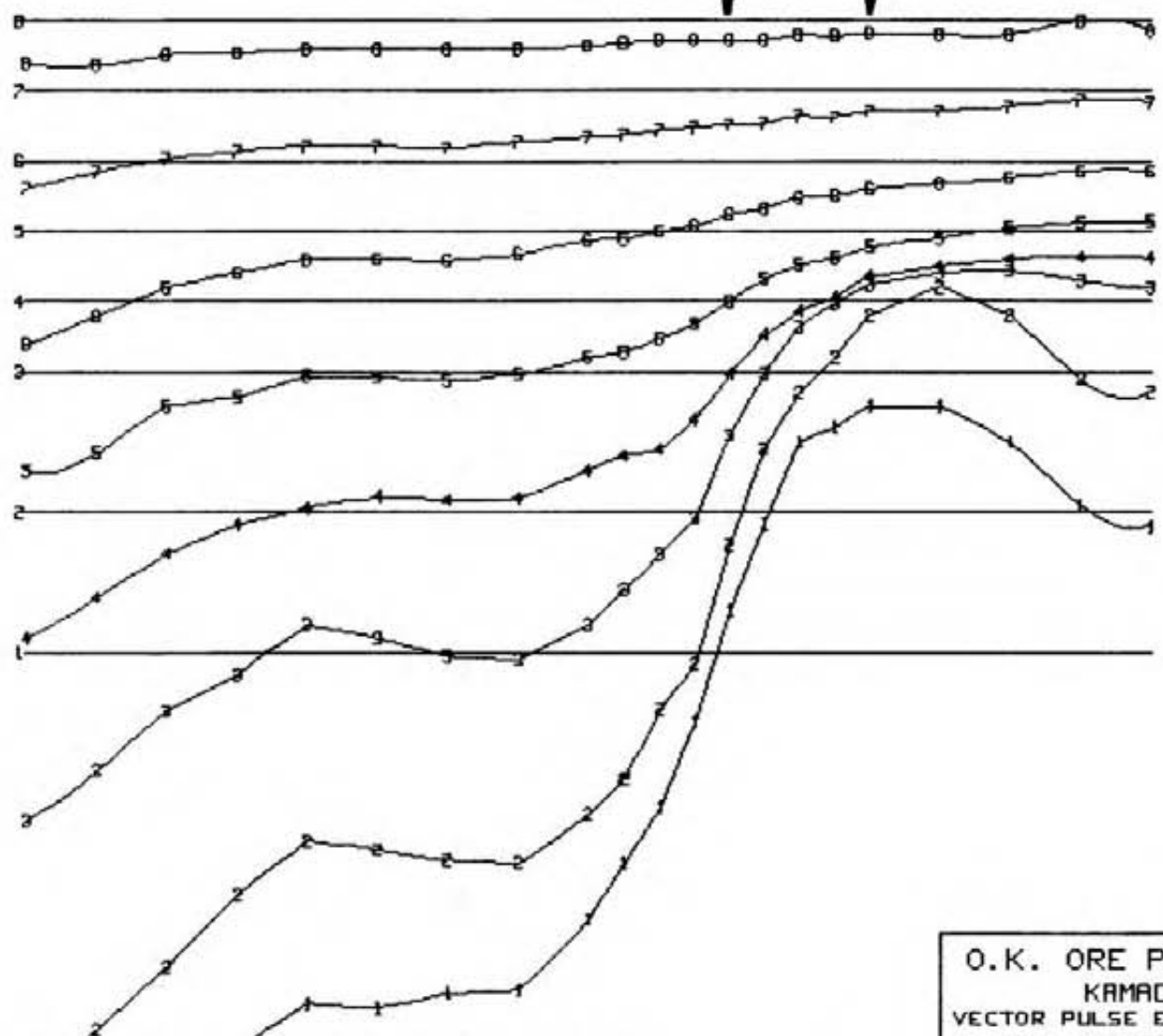


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1000S LOOP C

DATE: NOV/83 FIG.: 86

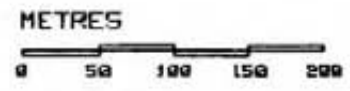
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E



SCALE
P.P.K.
+ OR -

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

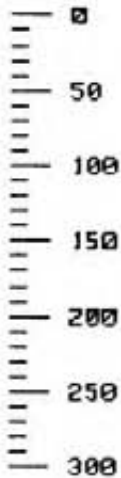
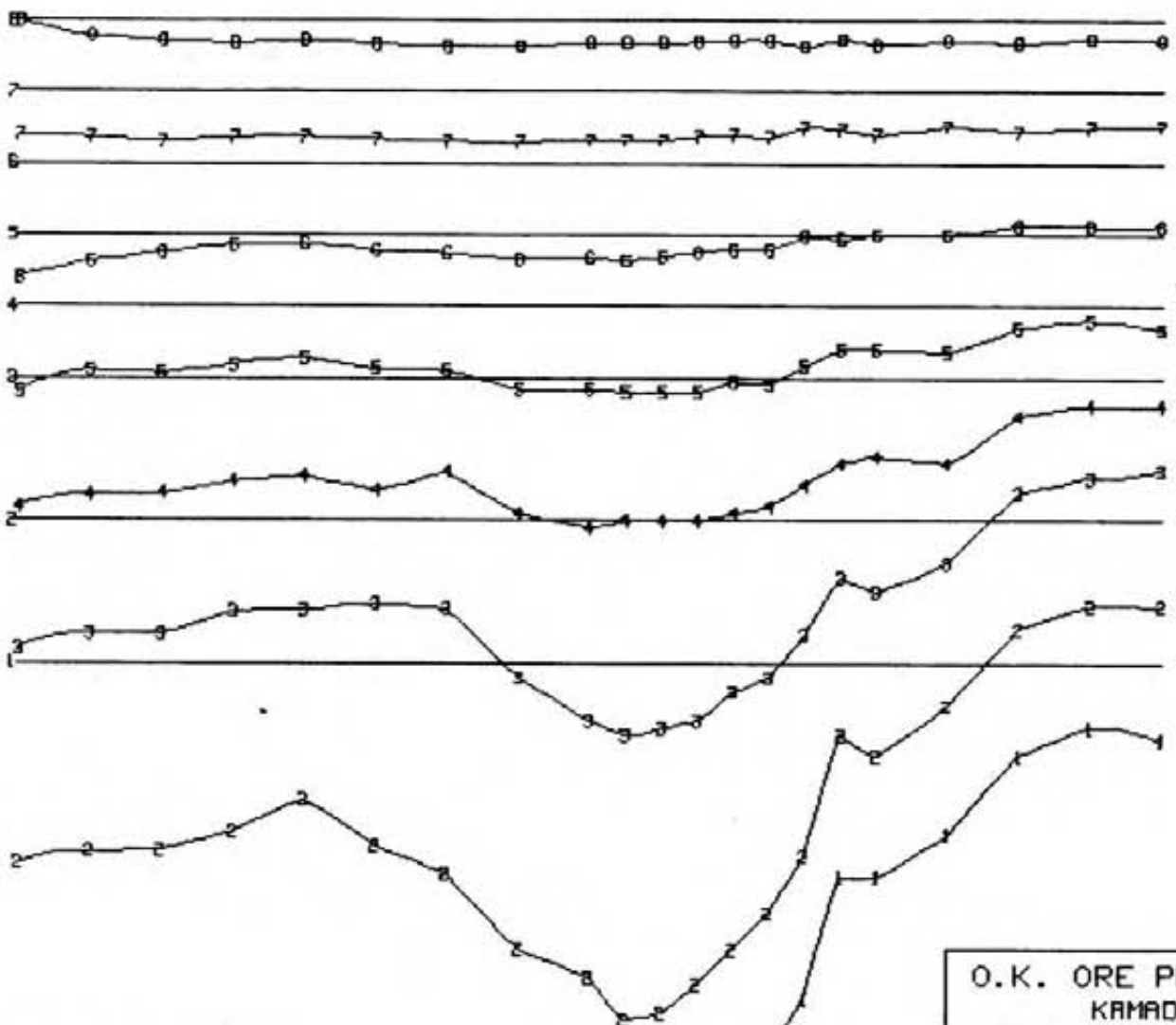


GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200S LOOP C

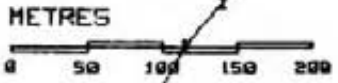
DATE: NOV/83 FIG.: 87

100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E



SCALE
P.P.K.
+ OR -

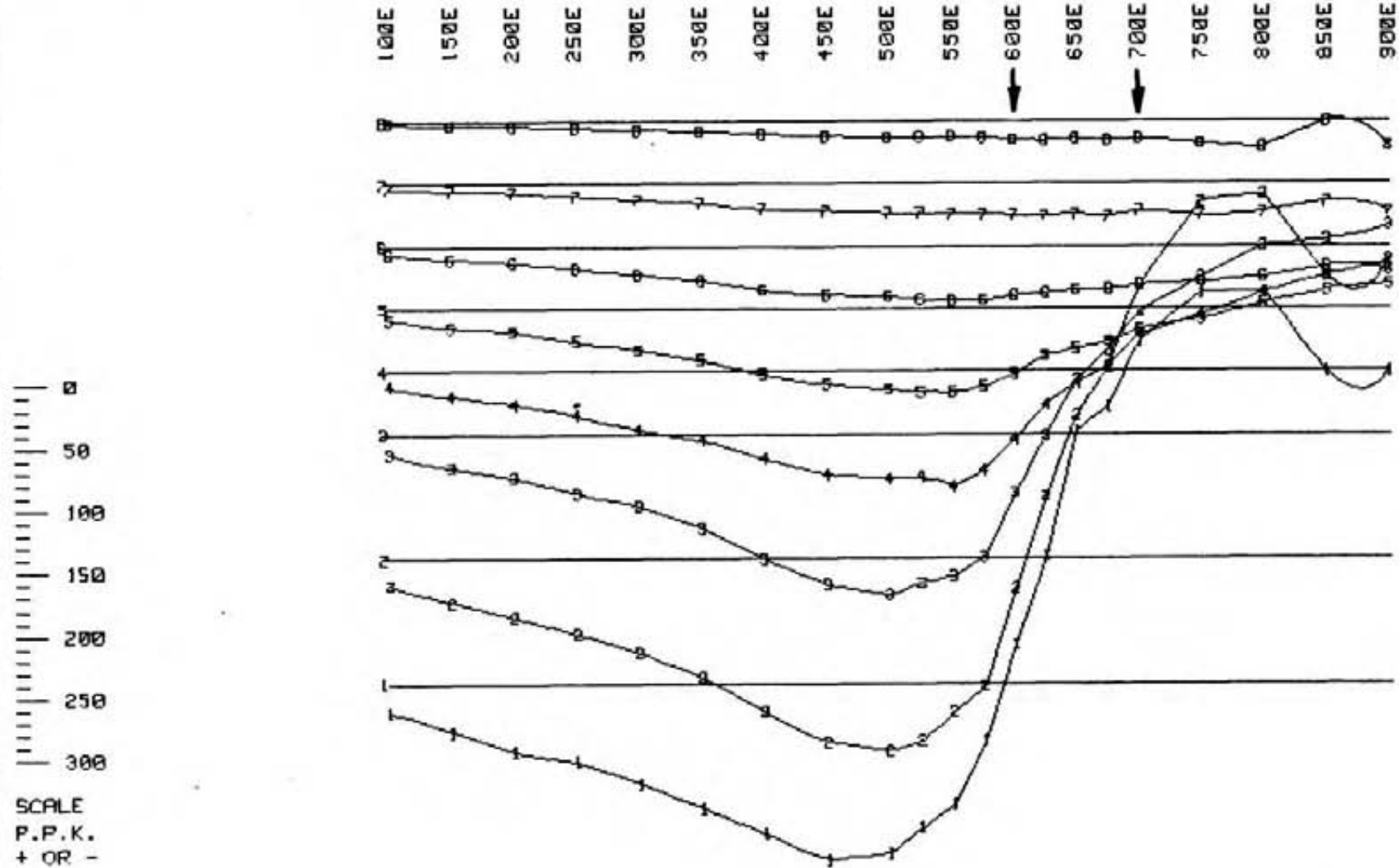
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL-NUMBER
INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200S LOOP C

DATE: NOV/83 FIG.: 88

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

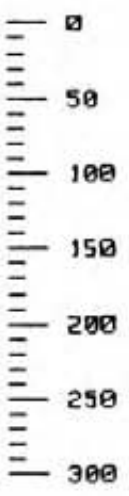
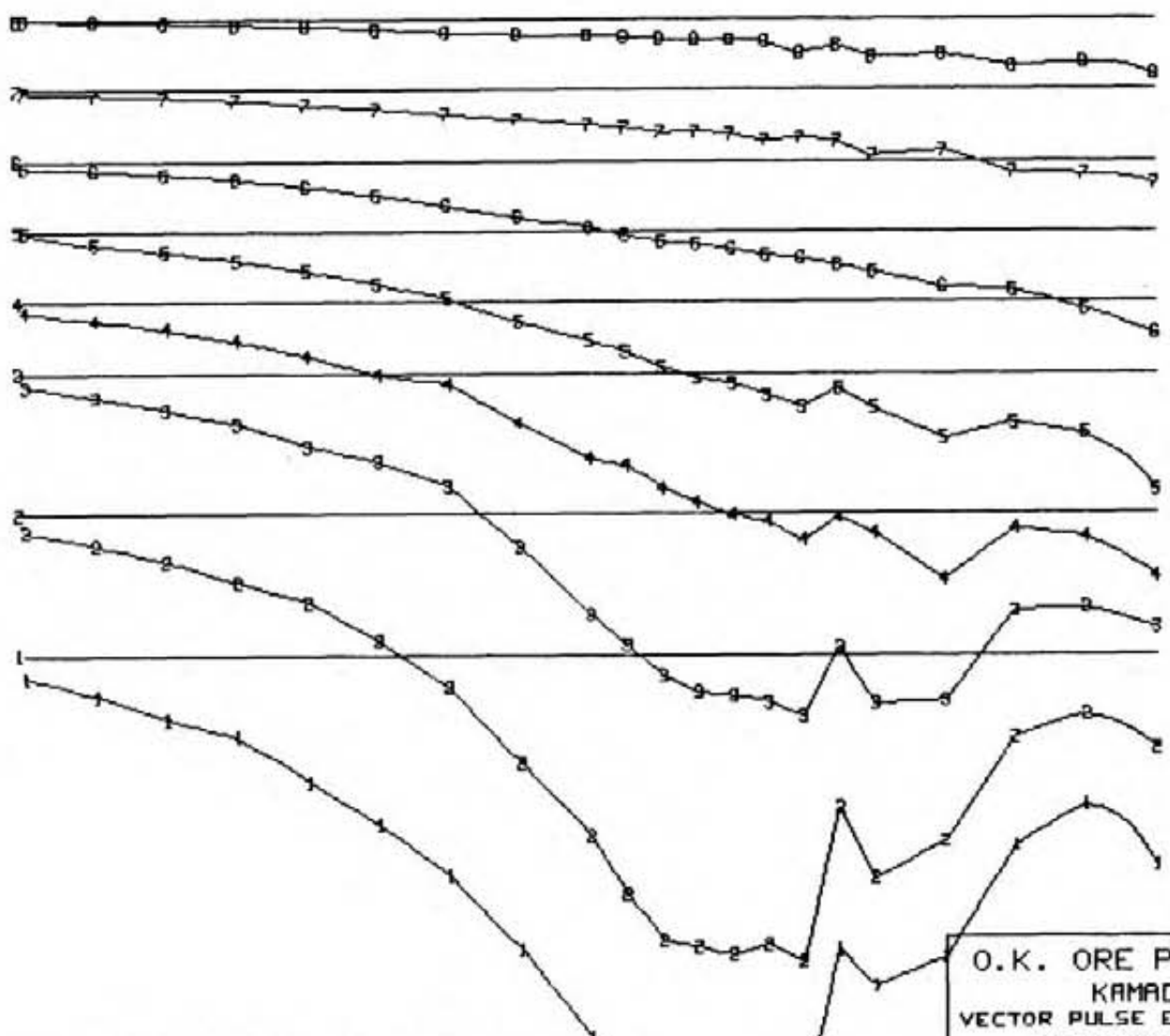
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMETER
VERTICAL COMPONENT
LINE 1200S LOOP C

DATE: NOV/83 FIG.: 89

100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E



SCALE
P.P.K.
+ OR -

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

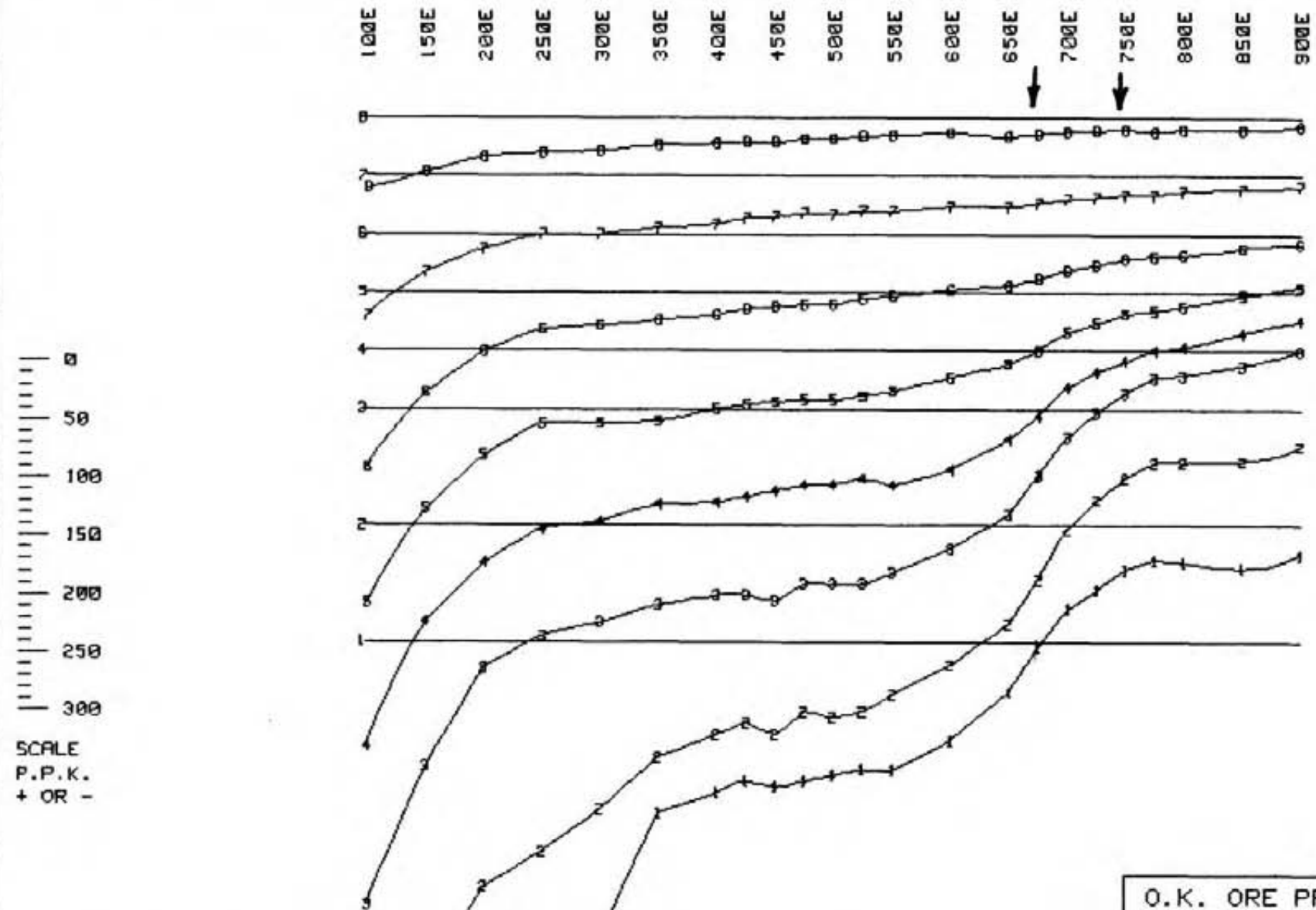


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200S LOOP C

DATE: NOV/83

FIG.: 90

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

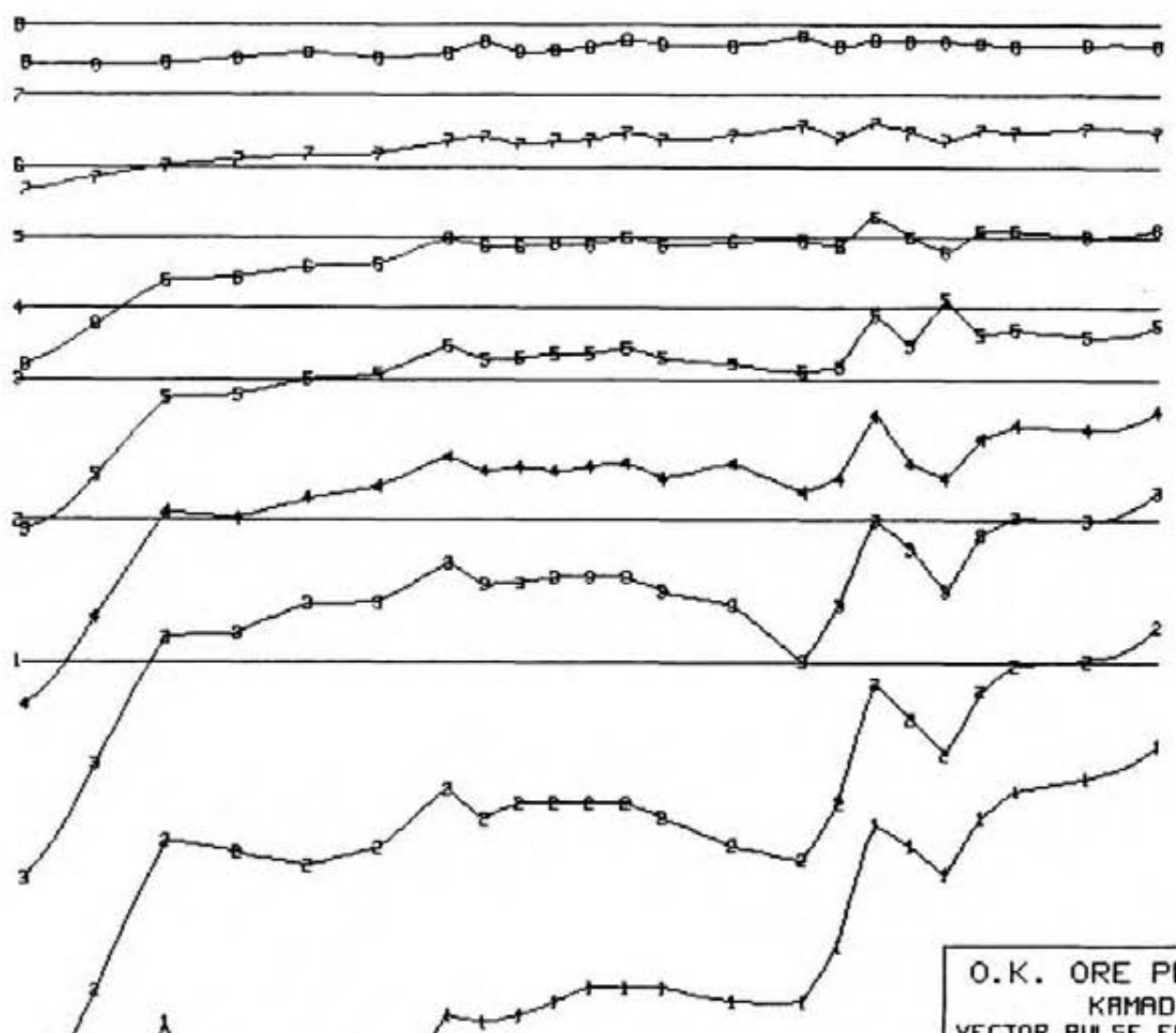
CONSTANT GAIN DATA, G-(100%)
 NUMBER IN LINE-CHANNEL NUMBER
 INSTRUMENT: CRONE P.E.M.



O.K. ORE PROCESSING LTD.
 KAMAD 7 CLAIMS
 VECTOR PULSE ELECTROMAGNETOMETER
 VERTICAL COMPONENT
 LINE 1400S LOOP C

DATE: NOV/83 FIG.: 91

100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E



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.

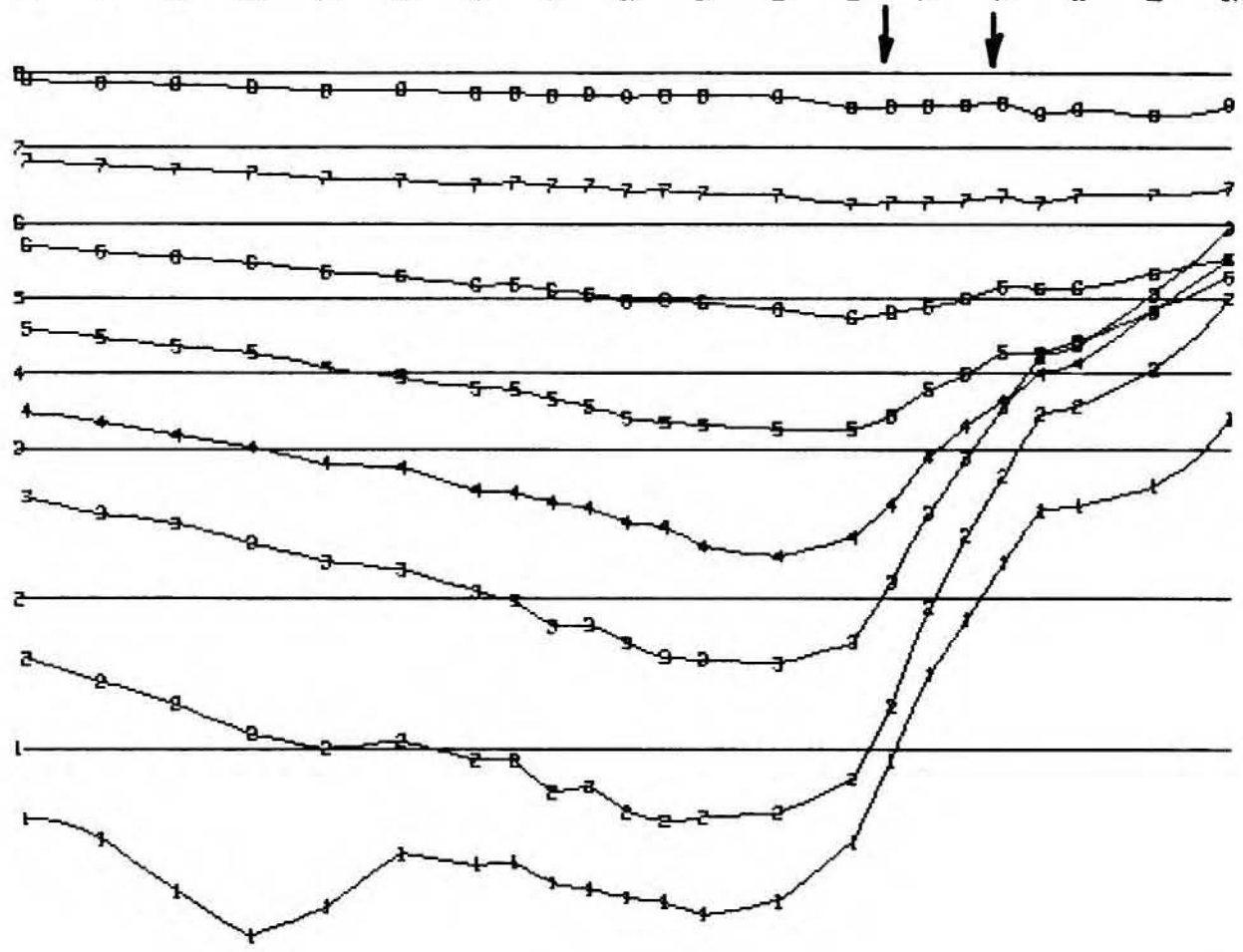
METRES
0 50 100 150 200

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1408S LOOP C

DATE: NOV-83 FIG.: 92

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E

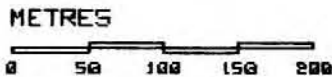


0
50
100
150
200
250
300

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.

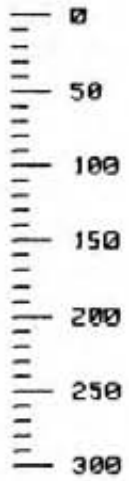
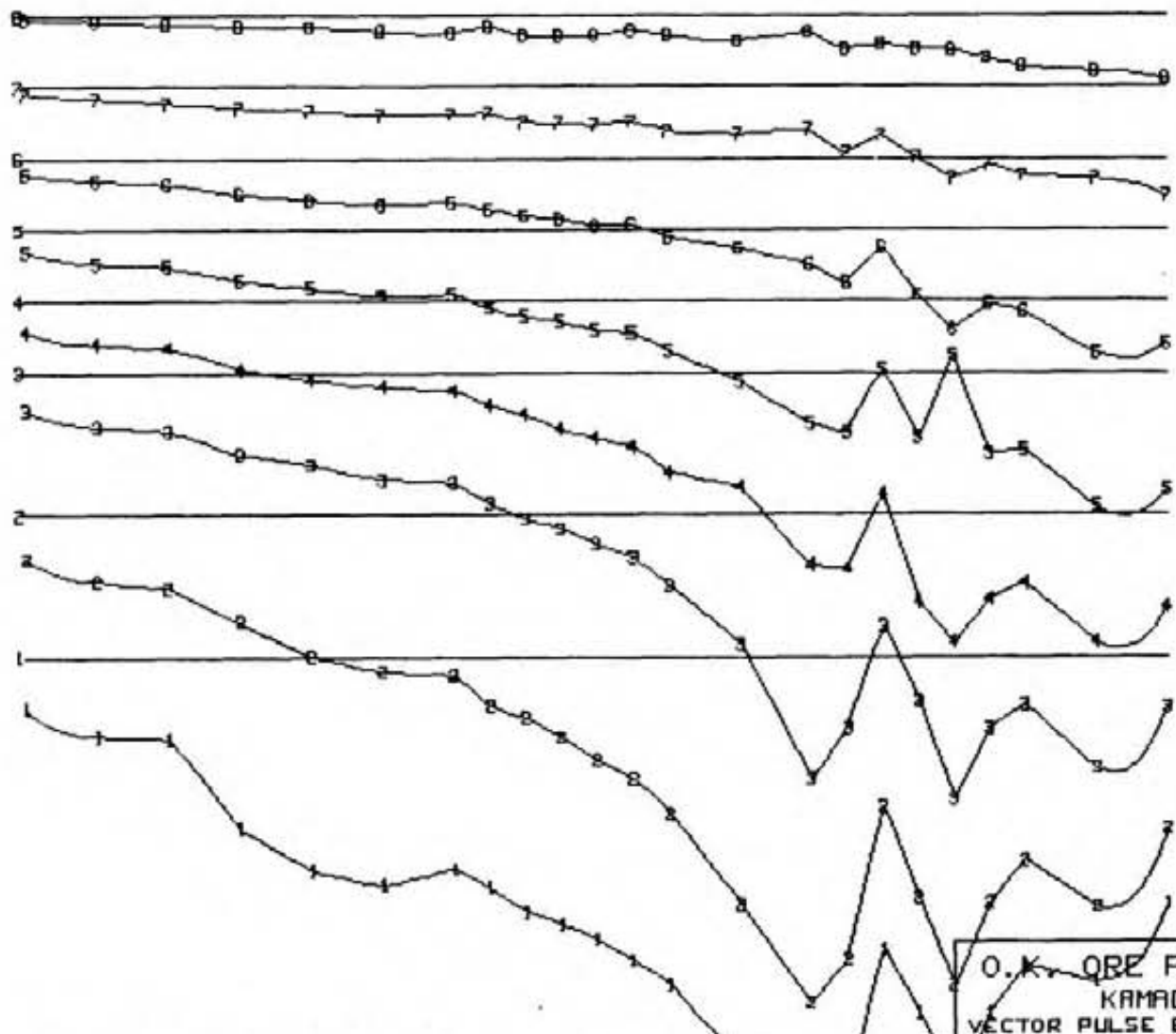


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1400S LOOP C

DATE: NOV/83

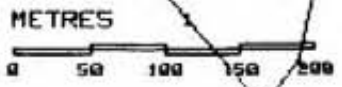
FIG.: 93

100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E



SCALE
P.P.K.
+ OR -

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

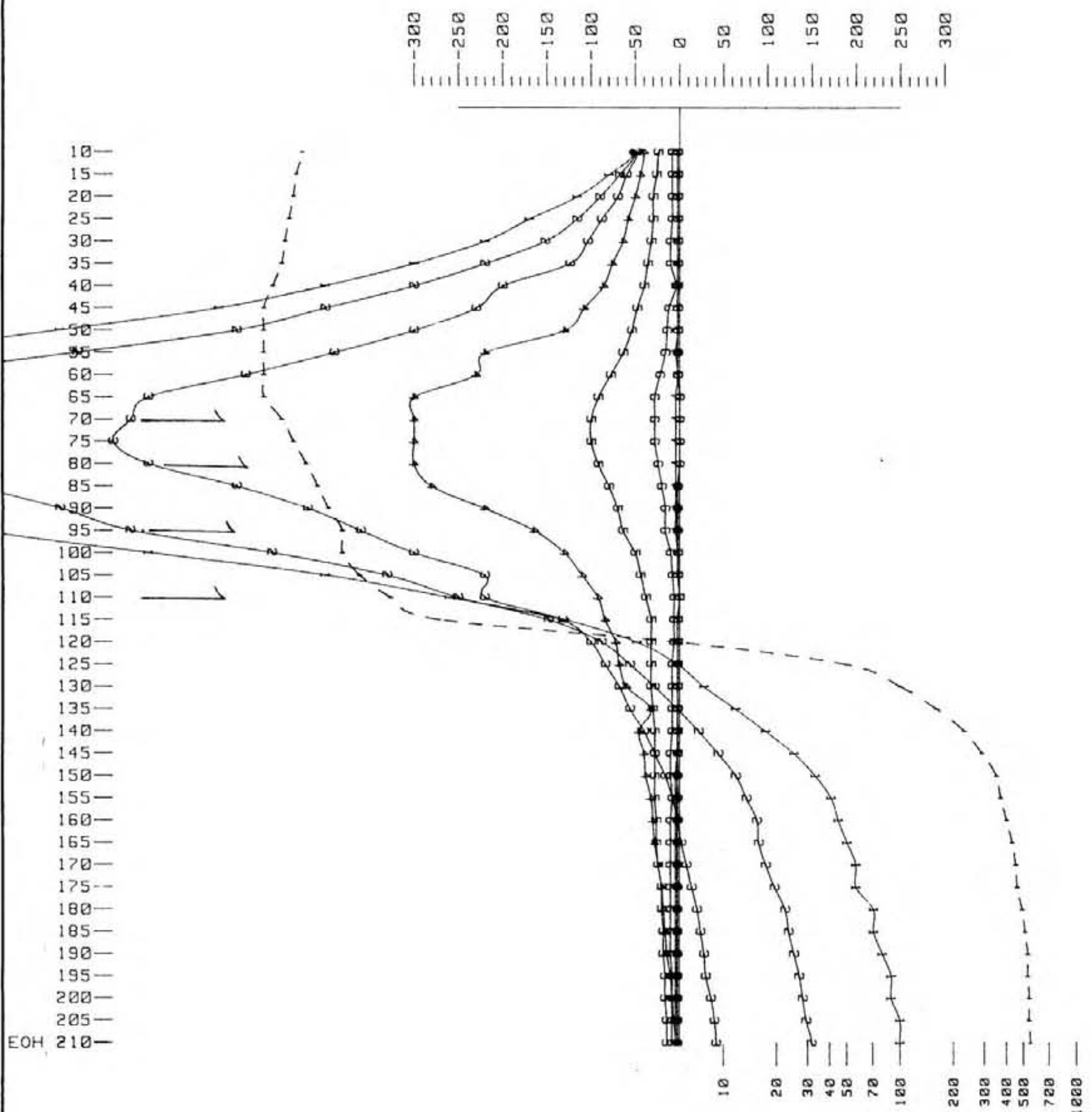
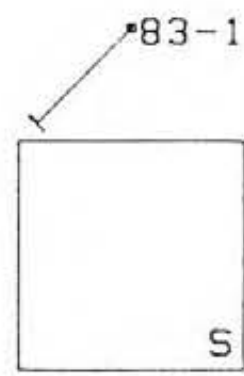


O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 140BS LOOP C

DATE: NOV/83

FIG.: 94

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



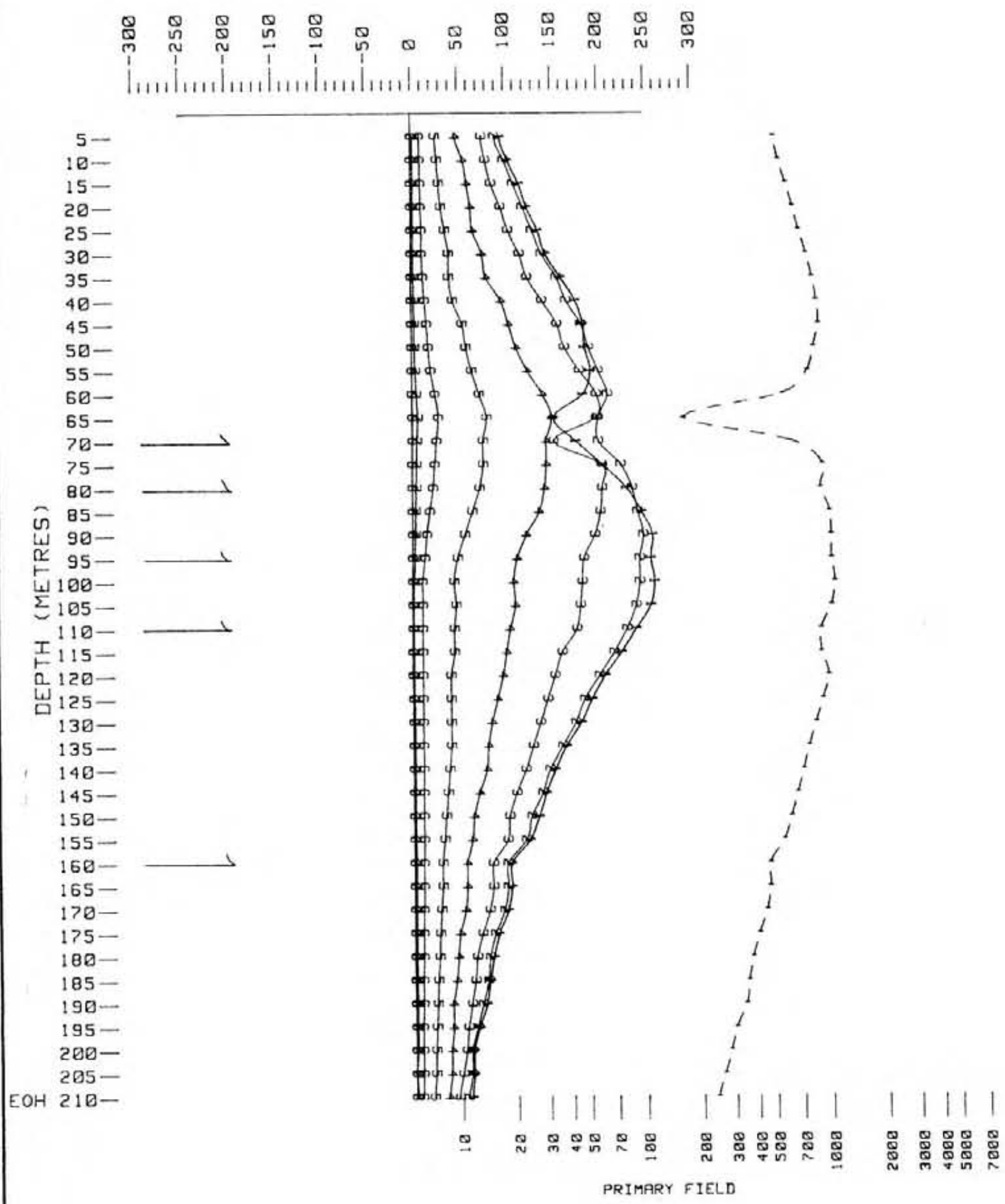
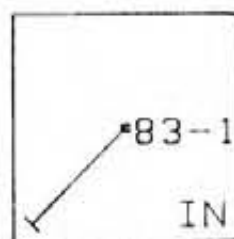
INSTRUMENT: CRONE P.E.M.
 TIME BASE: 10 MILLISECONDS
 CONSTANT GAIN 20%

GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

O.K. ORE PROCESSING LTD.
 KAMAD 7 CLAIMS
 BOREHOLE PULSE ELECTROMAGNETOMETER
 DDH 83-1 LOOP S

DATE: DEC/83

FIG: 98



INSTRUMENT: CRONE P.E.M.
 TIME BASE: 10 MILLISECONDS
 CONSTANT GAIN 20%

O.K. ORE PROCESSING LTD.
 KAMAD 7 CLAIMS
 BOREHOLE PULSE ELECTROMAGNETOMETER
 DDH 83-1 LOOP IN

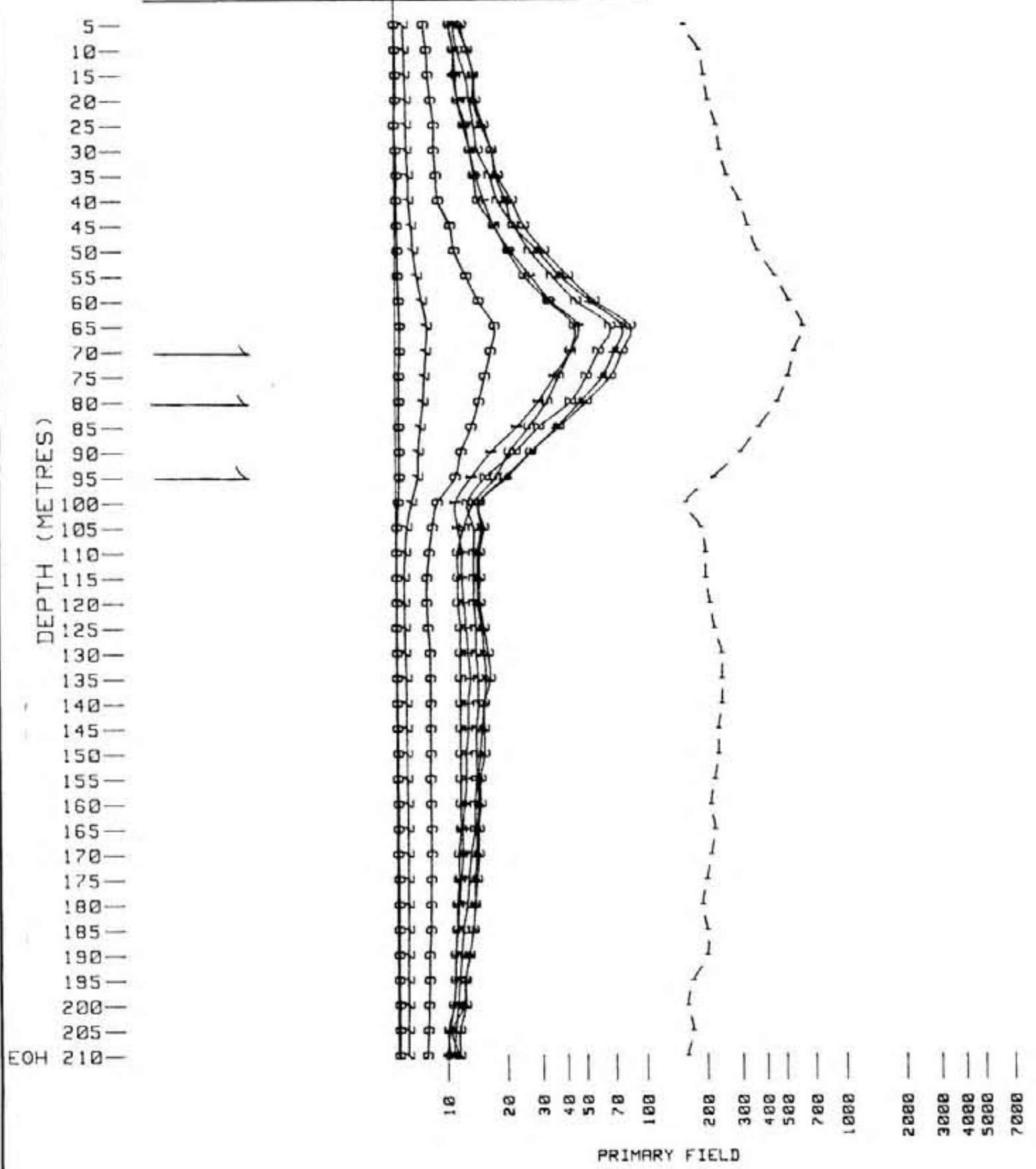
GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

DATE: DEC/83

FIG: 95



83-1



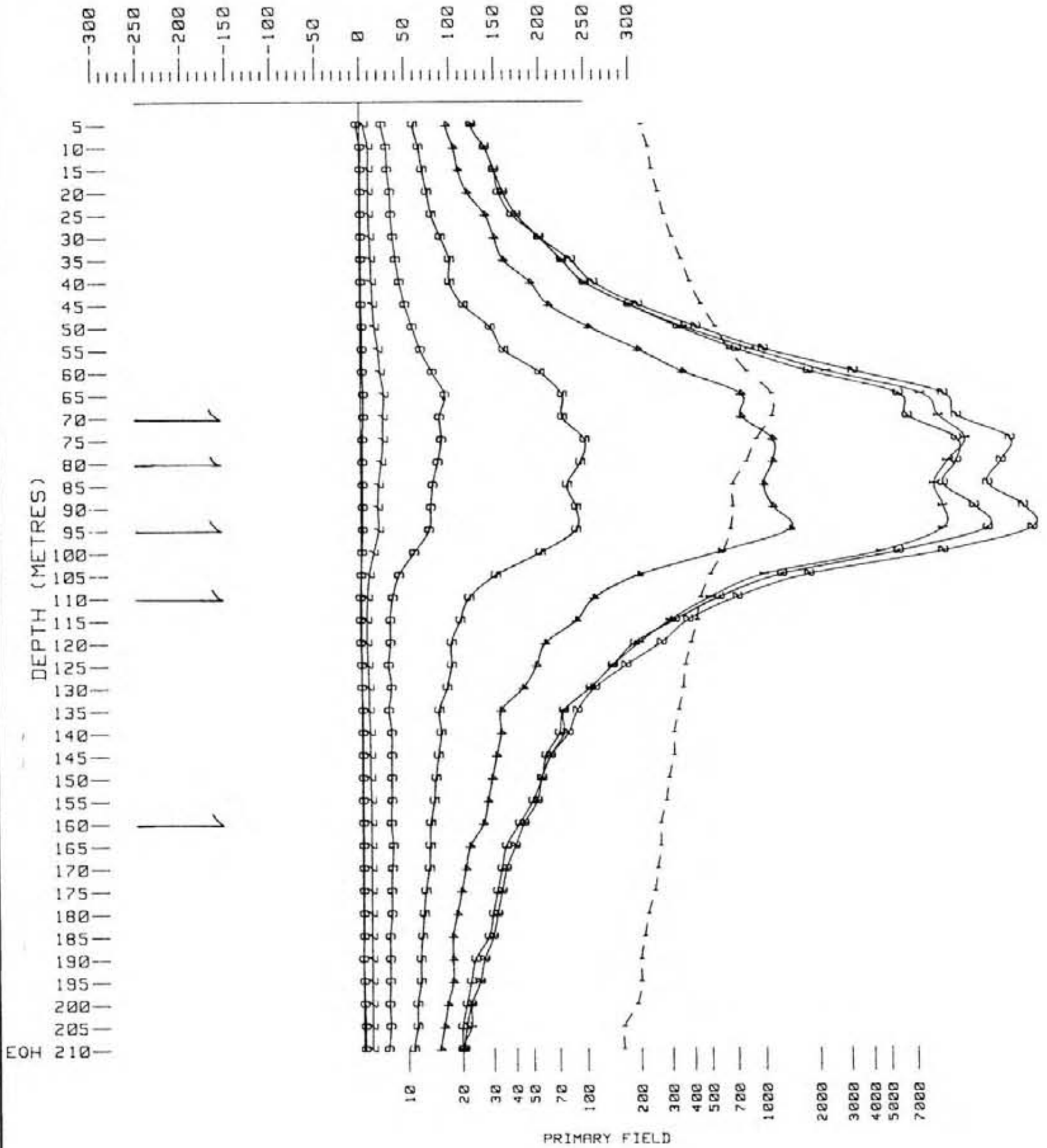
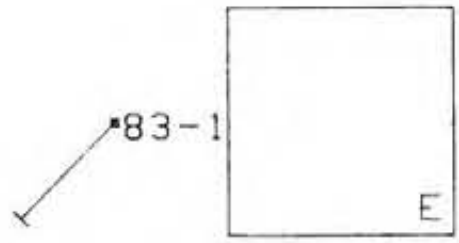
INSTRUMENT: CRONE P.E.M.
TIME BASE: 10 MILLISECONDS
CONSTANT GAIN 20%

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
BOREHOLE PULSE ELECTROMAGNETOMETER
DDH 83-1 LOOP N

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

DATE: DEC/83

FIG: 96



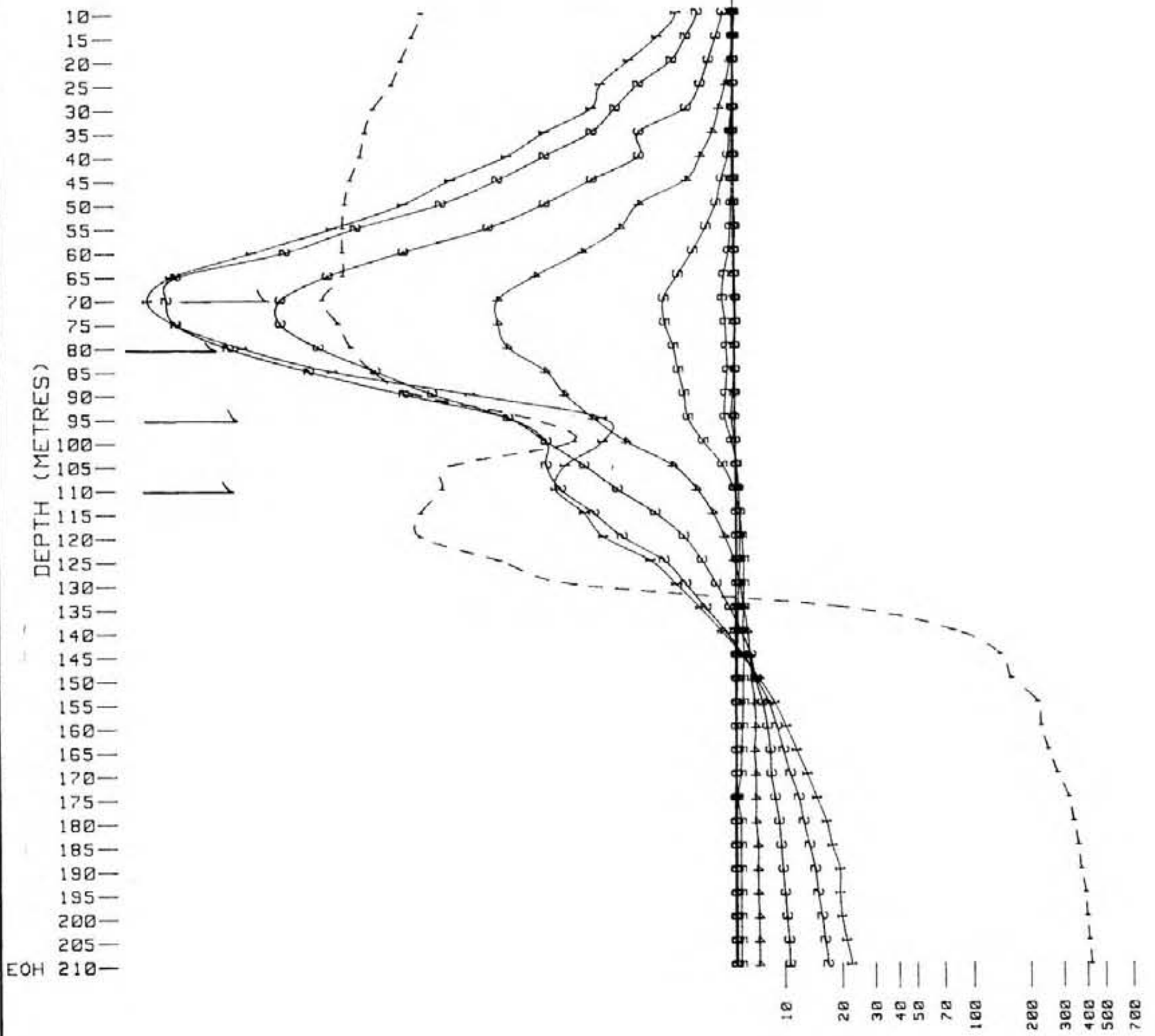
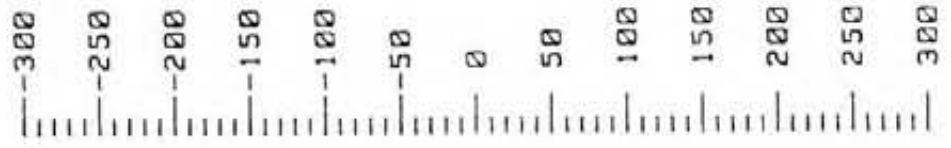
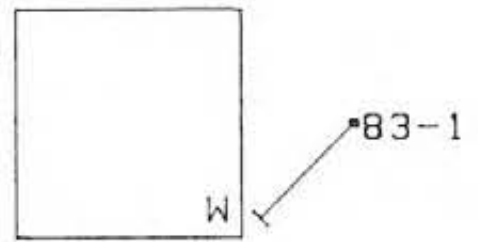
INSTRUMENT: CRONE P.E.M.
 TIME BASE: 10 MILLISECONDS
 CONSTANT GAIN 20%

GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

O.K. ORE PROCESSING LTD.
 KAMAD 7 CLAIMS
 BOREHOLE PULSE ELECTROMAGNETOMETER
 DDH 83-1 LOOP E

DATE: DEC/83

FIG: 97



INSTRUMENT: CRONE P.E.M.
 TIME BASE: 10 MILLISECONDS
 CONSTANT GAIN 20%

GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

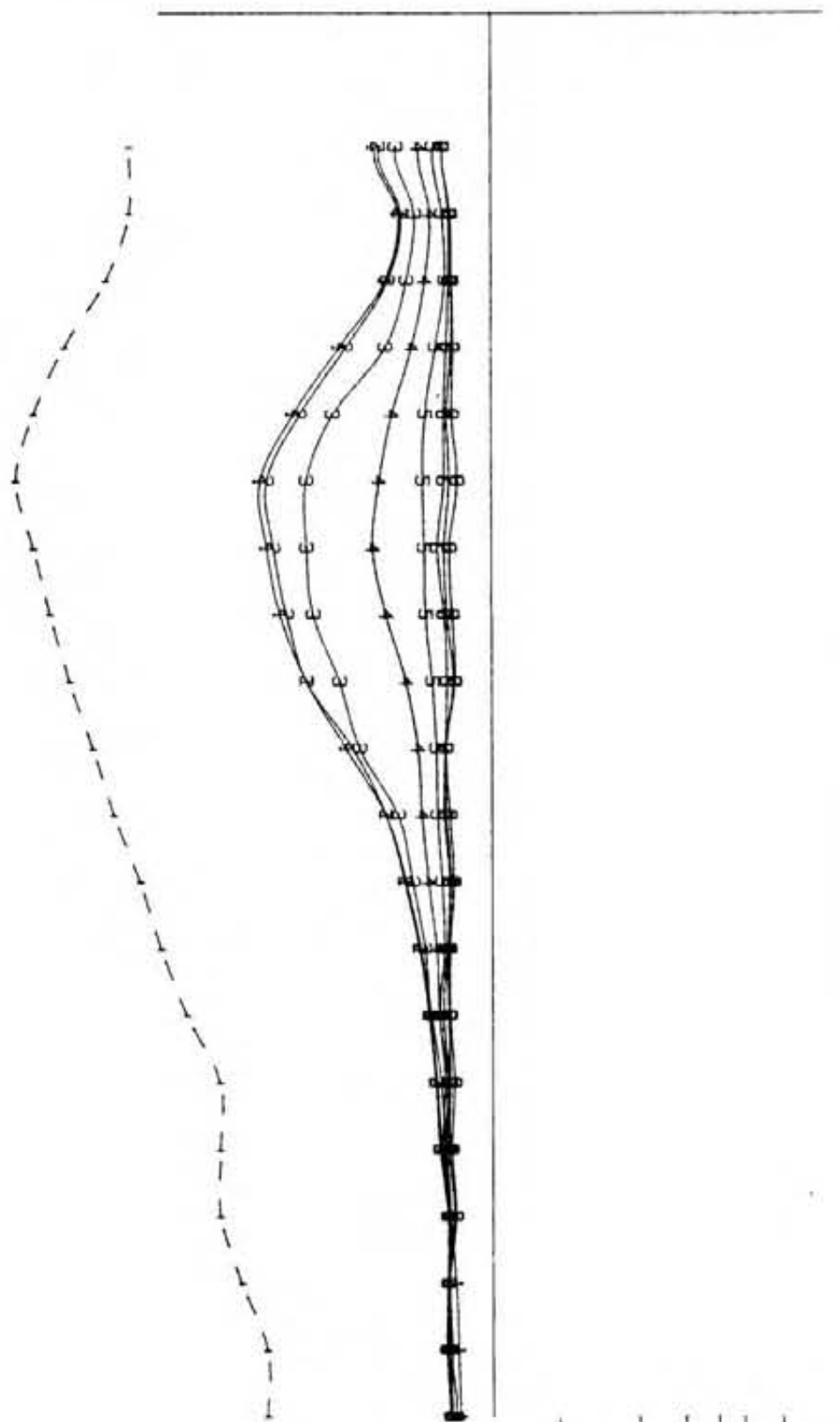
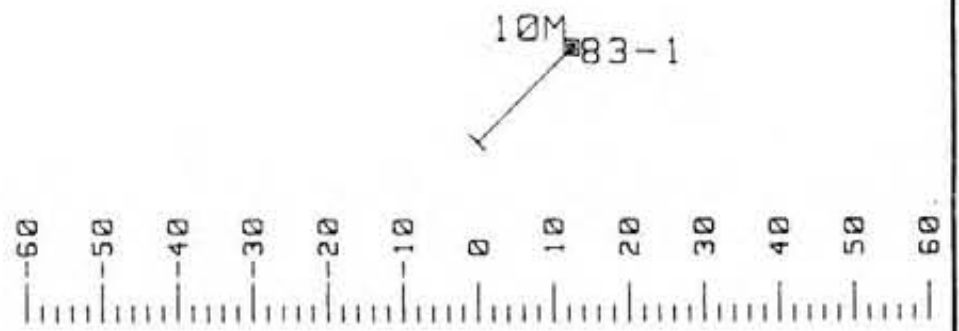
O.K. ORE PROCESSING LTD.
 KAMAD 7 CLAIMS
 BOREHOLE PULSE ELECTROMAGNETOMETER
 DDH 83-1 LOOP W

DATE: DEC/83

FIG: 99

DEPTH (METRES)

20—
30—
40—
50—
60—
70—
80—
90—
100—
110—
120—
130—
140—
150—
160—
170—
180—
190—
200—
EOH 210—



10
20
30
40
50
70

PRIMARY FIG

INSTRUMENT: CRONE P.E.M.
TIME BASE: 10 MILLISECONDS
CONSTANT GAIN 20%

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
BOREHOLE PULSE ELECTROMAGNETOMETER
DDH 83-1 LOOP 10M

DATE: DEC/83

FIG: 100

Vector Pulse Electromagnetometer Data Listing

O.K. ORE PROCESSING LTD. KAMAD 7 CLAIMS

Listing explanation:

Heading:

Line, Transmitter loop designator, Coordinates of loop perimeter and
Survey date

Table:

STATION: Receiver station

V1-V8: Secondary field vertical component, positive upwards

H1-H8: Secondary field horizontal component, positive away from
transmitter loop

Channel 1-8 sample times: .15, .45, .85, 1.45, 2.45, 3.75, 5.85, 8.85
milliseconds

G : Percent gain potentiometer setting, '1' indicates gain at 100%

PP: Percent 'primary field', '1' indicates setting at full scale, (100%)

GLEN E. WHITE Geophysical Consulting & Services Ltd.

STATION V1 V2 V3 V4 V5 V6 V7 V8 H1 H2 H3 H4 H5 H6 H7 H8 G PP

Line 00N, Loop A, perimeter 00N,1000S,500W and 1000W, Survey date 11/15/83

400W	-40	-35	-28	-20	-16	-9	-6	-4	-25	-15	-9	-4	-4	-3	-2	-2	27	1
375W	-45	-42	-34	-25	-20	-13	-8	-6	-40	-22	-13	-6	-5	-3	-2	-1	38	1
350W	-43	-42	-35	-25	-20	-13	-8	-7	-63	-33	-20	-11	-7	-4	-3	-3	45	1
325W	-55	-54	-46	-36	-26	-16	-9	-7	-79	-50	-29	-15	-13	-9	-6	-3	60	1
300W	-55	-60	-54	-43	-33	-22	-15	-12	-96	-58	-32	-16	-10	-5	-2	-3	67	1
275W	-56	-68	-65	-55	-52	-39	-25	-10	-110	-72	-43	-23	-16	-10	-5	-4	75	1
250W	-70	-75	-68	-55	-43	-29	-18	-14	-140	-85	-50	-26	-20	-11	-7	-5	84	1
225W	-70	-74	-65	-55	-44	-30	-16	-12	-140	-95	-63	-39	-26	-19	-10	-7	91	1
200W	-90	-90	-78	-63	-51	-33	-20	-15	-140	-105	-74	-50	-35	-24	-15	-10	97	1
175W	-93	-92	-82	-68	-55	-35	-22	-14	-150	-110	-78	-49	-33	-20	-12	-9	1	91
150W	-81	-85	-75	-63	-51	-34	-21	-15	-155	-120	-80	-51	-36	-24	-15	-8	1	85
125W	-68	-79	-72	-62	-50	-33	-22	-15	-160	-120	-80	-54	-40	-24	-13	-10	1	77
100W	-60	-74	-70	-60	-50	-32	-20	-15	-180	-125	-85	-60	-48	-34	-22	-10	1	69
75W	-40	-65	-64	-55	-45	-28	-16	-10	-170	-125	-85	-59	-44	-28	-16	-13	1	65
50W	-20	-55	-56	-52	-43	-30	-20	-15	-150	-120	-85	-59	-44	-28	-16	-9	1	60
25W	-5	-54	-59	-53	-44	-30	-19	-14	-200	-150	-93	-56	-48	-30	-17	-12	1	55
0W	15	-33	-45	-44	-36	-25	-18	-13	-190	-140	-94	-66	-50	-33	-20	-11	1	50
25E	42	-20	-40	-40	-35	-25	-15	-12	-180	-145	-93	-66	-52	-33	-21	-16	1	47
50E	58	-6	-31	-32	-30	-22	-19	-15	-160	-140	-95	-70	-55	-36	-23	-15	1	44
75E	64	2	-26	-30	-26	-16	-9	-6	-145	-130	-92	-68	-55	-36	-22	-12	1	41
100E	79	11	-23	-26	-25	-18	-13	-9	-125	-120	-90	-65	-51	-33	-19	-12	1	38
125E	89	20	-16	-23	-22	-15	-10	-11	-115	-110	-86	-65	-52	-35	-20	-13	1	36
150E	90	26	-15	-22	-21	-15	-10	-12	-105	-100	-82	-65	-53	-35	-24	-12	1	34
175E	88	27	-12	-20	-19	-13	-7	-8	-85	-86	-74	-60	-49	-33	-20	-14	1	31
200E	58	17	-12	-16	-15	-9	-8	-9	-88	-90	-77	-62	-51	-35	-21	-14	1	28
225E	63	29	-2	-9	-10	-8	-6	-5	-91	-95	-79	-61	-50	-35	-23	-15	1	26
250E	88	45	3	-8	-9	-7	-5	-7	-61	-71	-66	-56	-46	-33	-20	-15	1	25
275E	88	44	6	-6	-9	-8	-7	-5	-53	-66	-66	-55	-45	-31	-16	-13	1	24
300E	81	44	8	-3	-5	-3	-3	-2	-51	-62	-62	-53	-44	-31	-20	-15	1	21
350E	61	35	8	0	-1	0	0	-1	-35	-52	-55	-47	-40	-28	-20	-15	1	18
400E	65	40	15	4	3	3	2	-2	-28	-44	-48	-42	-35	-25	-19	-14	1	16
450E	57	38	16	8	6	6	3	-2	-25	-40	-45	-39	-33	-24	-18	-15	1	14
500E	44	30	15	9	7	7	5	2	-20	-30	-35	-33	-30	-24	-17	-13	1	11
550E	42	31	16	9	8	8	5	-1	-13	-25	-31	-30	-25	-20	-14	-12	1	10
600E	38	30	16	9	7	8	8	3	-8	-22	-27	-25	-22	-15	-13	-9	1	10
650E	30	23	12	7	7	9	8	2	-7	-21	-26	-25	-22	-16	-11	-10	1	9
700E	36	28	16	10	8	9	9	5	-7	-20	-30	-26	-24	-16	-10	-9	1	9

Line 100S, Loop A, perimeter 00N,1000S,500W and 1000W, Survey date 11/13/83

450W	-11	-9	-7	-5	-3	-2	-2	-1	-7	-4	-2	-1	0	0	0	-1	7	1
425W	-20	-16	-12	-8	-6	-4	-3	-3	-10	-5	-3	-2	-1	-1	-1	-1	13	1
400W	-32	-24	-18	-13	-9	-6	-4	-3	-21	-12	-7	-4	-2	-2	-1	-1	20	1
375W	-42	-33	-24	-18	-13	-10	-8	-7	-34	-21	-11	-6	-3	-2	-1	-1	28	1
350W	-48	-41	-31	-24	-18	-12	-8	-4	-58	-34	-20	-10	-6	-4	-3	-1	37	1
325W	-50	-44	-34	-26	-19	-12	-8	-5	-75	-44	-23	-12	-7	-5	-4	-3	46	1
300W	-44	-44	-40	-32	-25	-18	-12	-6	-115	-65	-35	-21	-11	-7	-5	-4	57	1
275W	-29	-42	-41	-36	-29	-19	-12	-9	-115	-75	-39	-22	-14	-8	-5	-3	66	1
250W	-18	-41	-48	-45	-38	-26	-17	-13	-140	-90	-52	-30	-20	-11	-7	-5	75	1
225W	-10	-39	-48	-47	-40	-27	-18	-12	-150	-100	-61	-36	-23	-16	-9	-5	85	1
200W	1	-30	-46	-49	-42	-29	-19	-12	-150	-110	-72	-45	-29	-18	-10	-5	90	1
175W	8	-26	-48	-55	-51	-35	-22	-15	-150	-115	-82	-56	-41	-27	-17	-10	99	1
150W	1	-23	-45	-52	-48	-34	-22	-15	-150	-120	-85	-55	-38	-23	-14	-8	1	92
125W	-2	-28	-44	-51	-48	-34	-22	-15	-176	-140	-87	-58	-40	-26	-18	-7	1	84
100W	9	-18	-38	-46	-43	-32	-20	-12	-170	-130	-92	-64	-48	-32	-20	-11	1	77
75W	16	-10	-32	-41	-39	-28	-19	-13	-160	-115	-88	-65	-48	-31	-17	-11	1	71
50W	24	-8	-29	-38	-36	-25	-15	-10	-140	-115	-84	-70	-50	-31	-16	-8	1	64
25W	20	-9	-29	-37	-35	-25	-19	-12	-140	-110	-87	-68	-50	-34	-18	-11	1	58

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
00W	18	-8	-27	-34	-33	-24	-17	-15	-140	-120	-89	-72	-55	-39	-22	-12	1	53
25E	32	-1	-22	-30	-29	-22	-15	-12	-150	-120	-90	-74	-50	-35	-24	-12	1	58
50E	36	2	-20	-25	-25	-20	-16	-14	-148	-108	-84	-65	-50	-31	-20	-20	1	45
75E	40	4	-17	-24	-24	-16	-14	-13	-148	-104	-84	-68	-54	-35	-20	-13	1	40
100E	50	15	-9	-18	-18	-15	-12	-12	-110	-96	-82	-67	-54	-35	-20	-11	1	38
125E	60	20	-5	-14	-14	-13	-12	-10	-100	-90	-75	-64	-53	-35	-21	-12	1	36
150E	66	26	0	-10	-12	-10	-10	-10	-95	-90	-78	-65	-55	-40	-24	-12	1	34
175E	60	23	-1	-9	-9	-9	-9	-8	-82	-77	-66	-58	-50	-35	-24	-15	1	31
200E	60	25	1	-6	-6	-6	-6	-6	-74	-74	-65	-58	-52	-40	-28	-15	1	28
225E	57	25	3	-3	-3	-4	-3	-4	-69	-66	-54	-49	-42	-32	-22	-17	1	25
250E	41	18	1	-3	-4	-5	-5	0	-60	-63	-61	-54	-46	-32	-24	-14	1	24
275E	57	26	7	1	1	0	-3	-5	-64	-67	-60	-53	-45	-33	-24	-16	1	23
300E	63	34	11	3	2	1	-3	-6	-41	-54	-56	-52	-44	-31	-18	-11	1	21
325E	68	39	15	5	4	3	-1	-5	-52	-58	-54	-46	-39	-30	-22	-13	1	20
350E	64	37	15	7	6	4	1	-2	-41	-51	-51	-45	-38	-29	-21	-16	1	19
375E	58	37	16	10	8	6	2	-2	-39	-48	-48	-41	-34	-28	-19	-14	1	17
400E	55	35	16	10	9	8	3	-2	-36	-45	-46	-41	-34	-25	-20	-16	1	15
450E	45	31	18	12	10	9	5	1	-28	-40	-41	-38	-32	-22	-15	-11	1	14
500E	49	37	22	15	12	11	6	1	-23	-37	-39	-36	-29	-20	-16	-12	1	11
550E	50	40	26	17	16	12	5	0	-20	-30	-31	-26	-22	-17	-16	-12	1	11
600E	44	35	23	16	12	8	4	1	-11	-23	-27	-25	-21	-16	-14	-13	1	9
650E	38	32	23	17	15	13	8	3	-12	-21	-24	-22	-17	-15	-12	-10	1	8
700E	35	30	22	17	15	14	9	4	-10	-22	-28	-28	-23	-18	-13	-8	1	7

Line 200S, Loop R, perimeter 00N,1000S,500W and 1000W, Survey date 11/13/83

400W	-38	-29	-22	-15	-11	-7	-4	-3	-11	-7	-5	-2	-2	-1	0	-1	16	1
375W	-55	-44	-33	-22	-18	-10	-6	-4	-24	-16	-11	-6	-4	-2	-1	-1	22	1
350W	-63	-49	-35	-25	-20	-14	-8	-6	-37	-24	-17	-12	-11	-9	-9	-4	31	1
325W	-80	-65	-53	-42	-34	-23	-14	-9	-55	-30	-15	-7	-5	-2	1	-1	38	1
300W	-76	-64	-51	-38	-30	-20	-12	-8	-85	-49	-25	-13	-8	-4	-2	-1	47	1
275W	-65	-60	-53	-41	-34	-22	-13	-10	-125	-76	-40	-20	-13	-8	-5	-3	56	1
250W	-54	-60	-56	-46	-35	-23	-13	-9	-150	-91	-48	-24	-15	-8	-5	-4	64	1
225W	-30	-49	-53	-48	-38	-25	-15	-10	-160	-105	-58	-30	-19	-11	-7	-5	72	1
200W	-13	-41	-56	-55	-45	-29	-17	-11	-190	-125	-70	-37	-24	-15	-7	-5	81	1
175W	20	-25	-52	-55	-46	-30	-10	-15	-190	-130	-79	-45	-28	-18	-10	-5	87	1
150W	40	-14	-51	-59	-53	-35	-20	-14	-200	-150	-96	-60	-40	-25	-14	-5	94	1
125W	80	15	-35	-54	-52	-35	-24	-15	-210	-155	-110	-70	-48	-36	-16	-8	1	1
100W	86	27	-25	-46	-46	-33	-22	-15	-195	-150	-110	-74	-51	-30	-15	-8	1	90
75W	68	20	-23	-43	-43	-30	-24	-22	-190	-153	-110	-78	-55	-33	-16	-9	1	80
50W	69	27	-15	-34	-36	-26	-16	-11	-150	-130	-110	-80	-60	-35	-18	-8	1	71
00W	75	35	-3	-14	-27	-23	-18	-15	-150	-130	-102	-75	-55	-33	-12	-10	1	60
25E	78	38	2	-16	-23	-19	-14	-14	-140	-125	-100	-80	-63	-38	-20	-9	1	55
50E	74	40	7	-9	-17	-16	-15	-13	-130	-120	-100	-82	-62	-34	-18	-15	1	50
75E	80	47	15	-2	-10	-10	-12	-12	-110	-108	-95	-81	-64	-40	-20	-10	1	46
100E	82	47	20	2	-6	-8	-11	-12	-100	-100	-82	-80	-66	-44	-22	-12	1	42
125E	72	45	20	6	-3	-5	-9	-12	-91	-90	-85	-76	-65	-44	-30	-14	1	37
150E	69	40	17	5	-2	-3	-8	-10	-80	-82	-80	-72	-66	-40	-23	-12	1	35
175E	58	35	18	8	1	-3	-7	-8	-78	-79	-74	-66	-57	-39	-24	-15	1	32
200E	60	36	21	14	7	3	-4	-8	-65	-70	-71	-65	-55	-36	-20	-11	1	30
225E	60	34	20	13	7	2	-6	-12	-62	-66	-65	-60	-52	-35	-20	-14	1	28
250E	50	32	20	17	10	5	-3	-8	-54	-60	-60	-55	-49	-32	-20	-11	1	26
275E	59	37	23	19	14	8	3	-6	-55	-57	-54	-48	-43	-31	-20	-15	1	25
300E	51	31	20	18	15	8	0	-7	-50	-54	-52	-45	-41	-30	-20	-13	1	23
325E	47	27	18	17	14	7	-1	-6	-46	-51	-50	-45	-40	-30	-21	-15	1	22
350E	45	28	15	15	11	7	0	-8	-45	-46	-44	-36	-33	-25	-20	-15	1	20
375E	45	28	20	19	17	14	2	-3	-43	-50	-48	-40	-35	-27	-19	-13	1	19
400E	48	31	20	20	19	13	5	-3	-40	-46	-44	-35	-30	-22	-20	-17	1	18
425E	45	31	21	20	17	12	4	-2	-45	-43	-43	-35	-30	-21	-15	-13	1	15
450E	49	35	25	22	20	15	5	-2	-36	-44	-41	-33	-30	-21	-15	-12	1	15
475E	45	32	23	20	18	14	5	1	-35	-42	-41	-33	-30	-25	-20	-11	1	14
500E	48	37	25	25	20	18	8	-2	-34	-40	-40	-33	-26	-20	-15	-10	1	13

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
525E	45	35	25	23	20	19	7	0	-33	-39	-40	-30	-25	-20	-15	-13	1	12
550E	50	40	29	26	21	16	7	0	-30	-36	-37	-31	-25	-20	-15	-15	1	12
600E	46	38	28	25	20	15	8	2	-20	-28	-30	-25	-21	-16	-11	-10	1	10
650E	45	40	30	27	24	18	11	5	-14	-23	-27	-24	-20	-15	-12	-11	1	9
700E	40	38	30	27	23	19	9	3	-10	-20	-22	-19	-15	-12	-10	-10	1	9

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700E	35	34	31	28	24	16	6	0	-11	-16	-17	-16	-10	-7	-7	-7	1	8
650E	44	39	34	32	28	20	10	1	-18	-22	-22	-19	-14	-12	-11	-9	1	9
600E	45	40	34	32	28	20	8	1	-29	-30	-27	-22	-18	-16	-15	-12	1	10
550E	36	33	29	28	24	19	5	-1	-37	-38	-33	-25	-20	-17	-16	-13	1	11
500E	36	33	30	29	28	20	6	-2	-32	-35	-32	-26	-20	-15	-14	-11	1	14
450E	30	28	27	27	26	18	5	-3	-36	-38	-35	-32	-25	-20	-17	-12	1	15
400E	32	30	29	29	28	16	2	-11	-34	-36	-36	-36	-32	-26	-18	-12	1	16
375E	36	34	33	33	30	19	4	-4	-41	-42	-39	-35	-30	-22	-16	-13	1	16
350E	37	36	34	34	27	18	3	-6	-42	-43	-40	-36	-34	-26	-20	-14	1	18
325E	44	41	40	37	34	20	3	-7	-36	-44	-44	-42	-36	-24	-14	-8	1	18
300E	50	45	42	39	33	19	2	-6	-46	-49	-49	-46	-41	-30	-20	-12	1	20
275E	51	46	44	38	32	15	-2	-8	-50	-50	-48	-45	-40	-31	-18	-13	1	23
250E	62	54	47	41	34	18	0	-8	-55	-56	-55	-54	-47	-34	-20	-11	1	25
225E	66	55	46	38	29	15	-2	-9	-61	-63	-63	-59	-50	-32	-18	-12	1	28
200E	70	56	45	34	26	11	-3	-10	-74	-72	-66	-61	-52	-35	-24	-13	1	30
175E	76	61	47	35	24	10	-3	-9	-80	-79	-76	-71	-60	-42	-24	-15	1	34
150E	89	67	45	30	18	6	-6	-11	-88	-90	-99	-84	-68	-44	-22	-12	1	39
125E	82	64	42	24	12	0	-9	-14	-91	-94	-94	-85	-70	-45	-22	-10	1	38
100E	97	70	44	23	8	-2	-11	-14	-110	-110	-108	-96	-78	-50	-24	-7	1	45
75E	99	67	35	13	1	-5	-10	-13	-135	-125	-120	-98	-78	-50	-24	-10	1	47
50E	100	65	26	1	-10	-15	-15	-15	-145	-140	-135	-103	-82	-53	-29	-13	1	54
25E	106	64	22	-5	-17	-17	-16	-15	-155	-150	-145	-102	-80	-52	-26	-12	1	60
0W	110	60	14	-15	-22	-22	-17	-14	-175	-150	-140	-104	-76	-46	-24	-12	1	66
25W	125	56	2	-26	-32	-26	-20	-14	-190	-155	-140	-105	-75	-48	-25	-15	1	75
50W	110	48	-6	-36	-48	-32	-23	-15	-215	-180	-150	-100	-70	-43	-20	-9	1	82
75W	100	22	-25	-45	-45	-34	-23	-16	-255	-165	-135	-90	-60	-35	-17	-9	1	92
100W	58	1	-42	-53	-50	-34	-23	-14	-260	-195	-140	-90	-58	-36	-20	-10	1	1
125W	14	-30	-54	-57	-52	-36	-24	-15	-250	-190	-110	-66	-43	-25	-14	-8	93	1
150W	-14	-42	-55	-55	-45	-32	-20	-14	-155	-115	-70	-40	-24	-14	-7	-4	87	1
175W	-54	-62	-61	-55	-44	-30	-18	-12	-250	-170	-85	-48	-30	-18	-15	-5	79	1
200W	-84	-74	-60	-50	-36	-24	-15	-11	-200	-140	-62	-34	-20	-14	-7	-3	69	1
225W	-105	-100	-56	-44	-33	-22	-14	-10	-155	-87	-46	-25	-16	-9	-5	-3	61	1
250W	-110	-80	-60	-40	-25	-17	-12	-6	-88	-52	-28	-17	-9	-5	-3	-2	53	1
300W	-82	-58	-40	-26	-18	-12	-8	-5	-42	-26	-16	-8	-5	-3	-2	-2	36	1
350W	-44	-32	-21	-14	-11	-6	-5	-3	-18	-10	-6	-4	-2	-2	-2	-2	19	1
400W	-20	-15	-10	-7	-5	-3	-3	-2	-7	-5	-3	-2	-1	-1	-1	-1	9	1

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700E	37	35	32	29	24	16	6	0	-15	-16	-15	-13	-8	-6	-6	-7	1	9
650E	38	37	35	32	27	17	5	-1	-25	-25	-23	-16	-13	-11	-11	-12	1	9
600E	37	36	35	34	29	19	6	-2	-24	-24	-21	-15	-12	-10	-10	-10	1	11
550E	36	36	36	37	34	24	8	-3	-29	-30	-24	-16	-13	-11	-10	-10	1	11
500E	31	34	36	38	35	24	6	-4	-33	-32	-25	-18	-15	-12	-13	-14	1	12
450E	41	41	45	46	41	26	6	-6	-33	-33	-30	-23	-19	-15	-15	-16	1	15
400E	46	47	50	50	41	26	6	-3	-37	-37	-35	-29	-25	-21	-15	-15	1	15
375E	55	54	54	55	46	27	3	-6	-39	-40	-35	-30	-26	-22	-18	-15	1	19
350E	58	58	58	58	50	30	6	-1	-38	-41	-41	-35	-32	-23	-15	-12	1	22
325E	68	66	65	65	54	33	6	-9	-48	-49	-46	-40	-37	-28	-19	-15	1	22
300E	68	67	65	62	50	30	4	-9	-43	-46	-46	-43	-36	-25	-15	-9	1	24
275E	75	72	69	64	50	28	3	-8	-47	-52	-53	-50	-42	-30	-18	-10	1	26
250E	78	76	69	63	50	29	3	-8	-67	-70	-68	-63	-55	-39	-22	-14	1	27
225E	78	76	69	59	47	27	1	-7	-71	-76	-78	-71	-60	-40	-21	-14	1	28

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
200E	96	87	75	62	46	25	0	-13	-86	-91	-91	-84	-70	-46	-23	-13	1	34
175E	100	89	74	58	43	23	0	-11	-100	-105	-100	-92	-80	-53	-26	-14	1	37
150E	100	90	70	53	35	17	-3	-11	-110	-120	-115	-102	-85	-55	-25	-13	1	39
125E	110	90	65	45	28	9	-5	-8	-120	-120	-120	-112	-93	-60	-28	-13	1	42
100E	110	87	58	34	17	5	-5	-5	-150	-150	-145	-125	-96	-60	-28	-13	1	46
75E	120	80	47	21	5	-4	-11	-13	-150	-150	-145	-125	-94	-60	-26	-11	1	51
50E	150	75	32	4	-9	-12	-15	-19	-175	-160	-150	-120	-96	-60	-26	-13	1	60
25E	130	58	13	-11	-23	-21	-19	-15	-220	-200	-155	-135	-96	-57	-25	-10	1	64
00W	110	40	-6	-24	-30	-25	-18	-16	-220	-195	-150	-110	-83	-48	-22	-10	1	71
25W	83	9	-32	-40	-43	-33	-23	-19	-245	-200	-155	-108	-75	-45	-23	-10	1	80
50W	50	-20	-50	-53	-50	-34	-22	-13	-280	-210	-150	-101	-67	-35	-17	-9	1	87
75W	-4	-60	-75	-70	-60	-41	-25	-18	-345	-240	-155	-102	-65	-37	-18	-8	1	98
100W	-56	-90	-90	-76	-62	-40	-23	-15	-310	-200	-130	-80	-51	-28	-15	-6	96	1
125W	-100	-100	-98	-75	-56	-35	-20	-12	-280	-180	-110	-63	-36	-21	-11	-8	91	1
150W	-145	-125	-95	-69	-51	-32	-20	-12	-250	-155	-93	-53	-33	-20	-10	-6	83	1
175W	-175	-140	-100	-67	-49	-30	-16	-7	-200	-125	-70	-34	-20	-7	-4	-6	76	1
200W	-180	-130	-86	-57	-40	-25	-15	-9	-150	-84	-46	-23	-15	-8	-4	-3	69	1
225W	-170	-130	-82	-53	-36	-25	-15	-6	-125	-68	-38	-21	-14	-8	-4	-4	62	1
250W	-145	-110	-70	-44	-30	-20	-12	-7	-79	-44	-25	-15	-10	-6	-4	-3	54	1
300W	-105	-71	-45	-28	-20	-13	-7	-6	-37	-20	-13	-7	-5	-3	-2	-2	37	1
350W	-69	-49	-33	-21	-15	-8	-5	-4	-22	-11	-8	-4	-3	-2	-1	-1	23	1
400W	-42	-32	-24	-16	-12	-7	-4	-3	-6	-3	-3	-1	-2	-1	-1	-1	13	1

Line 500S, Loop A, perimeter 00N,1000S,500W and 1000W, Survey date 11/17/83

400W	-34	-25	-18	-13	-9	-8	-4	-2	-4	-2	-1	0	1	0	1	1	12	1
375W	-42	-31	-21	-13	-8	-7	-3	-1	-7	-4	-3	-1	0	-1	1	1	17	1
350W	-55	-41	-26	-16	-11	-9	-4	-2	-12	-8	-5	-3	-2	-2	0	1	22	1
325W	-72	-52	-34	-22	-14	-10	-5	-3	-16	-11	-7	-4	-3	-3	-1	0	29	1
300W	-90	-64	-42	-28	-18	-13	-7	-3	-25	-14	-10	-5	-3	-3	0	1	36	1
275W	-110	-78	-53	-34	-23	-15	-9	-4	-41	-24	-14	-8	-5	-4	-2	-1	44	1
250W	-115	-92	-62	-41	-26	-18	-10	-5	-43	-25	-14	-9	-5	-4	-1	-1	53	1
225W	-130	-108	-72	-48	-32	-22	-10	-7	-74	-44	-25	-14	-10	-7	-3	-1	59	1
200W	-155	-115	-88	-60	-41	-20	-14	-9	-86	-54	-32	-19	-11	-9	-3	0	70	1
175W	-180	-125	-94	-65	-45	-30	-15	-9	-110	-68	-40	-23	-14	-10	-4	-2	74	1
150W	-210	-150	-110	-80	-54	-35	-20	-10	-148	-104	-62	-35	-21	-13	-7	-5	84	1
125W	-230	-160	-110	-85	-58	-38	-20	-13	-205	-125	-86	-53	-32	-20	-7	-3	88	1
100W	-240	-180	-125	-98	-70	-44	-24	-13	-280	-175	-110	-68	-40	-22	-9	-8	97	1
75W	-165	-150	-118	-98	-70	-44	-24	-13	-280	-175	-110	-68	-40	-22	-9	-8	97	1
50W	-120	-120	-110	-90	-68	-46	-26	-16	-290	-211	-120	-86	-54	-32	-13	-4	1	92
25W	-65	-100	-96	-82	-64	-44	-25	-15	-350	-250	-160	-110	-75	-45	-19	-9	1	85
00W	20	-40	-66	-60	-52	-40	-23	-15	-345	-260	-195	-125	-92	-55	-24	-9	1	78
25E	64	1	-32	-44	-43	-33	-24	-18	-300	-250	-190	-125	-92	-53	-22	-6	1	70
50E	125	50	4	-18	-25	-24	-17	-12	-275	-250	-195	-135	-104	-62	-25	-10	1	65
75E	150	100	36	4	-11	-15	-15	-12	-220	-215	-180	-140	-100	-70	-30	-10	1	56
100E	160	125	68	33	10	-4	-10	-11	-185	-190	-160	-140	-110	-68	-30	-10	1	52
125E	155	145	90	54	28	6	-8	-12	-145	-150	-150	-135	-100	-73	-30	-12	1	45
150E	150	140	95	65	40	16	-5	-12	-115	-125	-130	-120	-110	-74	-34	-13	1	40
175E	150	140	105	90	60	28	0	-10	-100	-115	-115	-112	-98	-65	-30	-11	1	36
200E	125	120	100	90	65	34	3	-8	-95	-100	-106	-104	-92	-61	-28	-10	1	32
225E	110	110	100	89	70	36	6	-10	-76	-86	-90	-85	-74	-52	-25	-12	1	30
250E	93	95	95	86	70	36	5	-10	-70	-75	-76	-74	-65	-46	-24	-12	1	27
300E	76	82	85	81	66	37	8	-5	-54	-56	-55	-50	-45	-34	-21	-12	1	22
350E	66	74	78	76	65	38	8	-7	-40	-40	-36	-33	-30	-25	-17	-12	1	20
400E	56	62	68	67	60	35	0	-6	-35	-34	-27	-23	-21	-20	-16	-12	1	16
450E	46	54	57	57	50	30	7	-7	-31	-29	-21	-16	-15	-15	-13	-11	1	14
500E	38	44	48	49	44	26	8	-1	-26	-25	-18	-12	-11	-14	-13	-12	1	10
525E	34	38	44	45	40	24	6	-3	-28	-24	-20	-11	-9	-11	-11	-10	1	9
550E	36	40	44	43	38	26	7	-3	-33	-30	-22	-14	-11	-13	-14	-15	1	10
575E	37	40	40	40	36	20	4	-5	-32	-30	-23	-15	-10	-11	-13	-10	1	11
600E	39	40	41	39	34	20	6	-1	-30	-30	-22	-14	-11	-11	-11	-10	1	11
625E	42	43	43	39	34	20	6	0	-31	-29	-24	-16	-12	-12	-12	-10	1	11

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
650E	42	43	41	36	31	20	9	1	-25	-25	-22	-15	-13	-12	-11	-9	1	11
675E	40	40	39	35	30	16	7	2	-23	-24	-20	-15	-13	-13	-13	-10	1	10
700E	36	38	36	34	28	15	6	0	-19	-21	-19	-15	-12	-12	-12	-10	1	9

Line 600S, Loop A, perimeter 00N,1000S,500W and 1000W, Survey date 11/17/83

400W	-36	-26	-20	-13	-10	-6	-4	-3	-5	-3	-3	-1	-2	-1	-1	-1	13	1
350W	-67	-46	-33	-22	-16	-9	-6	-4	-17	-7	-5	-2	-3	-2	-1	-1	25	1
300W	-110	-74	-52	-34	-25	-15	-8	-6	-35	-17	-10	-5	-4	-2	-2	-2	38	1
275W	-120	-81	-57	-35	-26	-17	-10	-8	-43	-20	-11	-5	-4	-2	-2	-2	45	1
250W	-140	-93	-65	-44	-31	-20	-12	-8	-50	-25	-15	-8	-6	-4	-3	-2	54	1
225W	-140	-110	-76	-52	-36	-23	-13	-9	-64	-33	-22	-11	-8	-5	-4	-2	62	1
200W	-150	-120	-88	-59	-42	-26	-14	-10	-83	-46	-25	-14	-9	-5	-3	-3	70	1
175W	-200	-150	-100	-69	-50	-33	-20	-13	-94	-54	-30	-18	-12	-7	-7	-4	78	1
150W	-210	-155	-115	-80	-55	-35	-20	-11	-120	-71	-40	-23	-16	-10	-6	-5	84	1
125W	-250	-200	-130	-95	-68	-43	-23	-13	-150	-95	-55	-30	-20	-11	-6	-6	92	1
100W	-300	-220	-150	-110	-75	-45	-26	-22	-195	-120	-76	-44	-29	-16	-9	-6	96	1
75W	-300	-240	-170	-120	-83	-53	-30	-17	-240	-155	-95	-56	-36	-21	-12	-6	1	91
50W	-320	-240	-190	-125	-90	-55	-36	-18	-330	-200	-125	-75	-46	-23	-12	-6	1	85
25W	-220	-200	-150	-110	-84	-53	-29	-16	-400	-245	-150	-93	-56	-30	-15	-8	1	82
0W	-125	-150	-145	-108	-82	-53	-30	-18	-460	-300	-200	-110	-63	-34	-17	-8	1	75
25E	20	-58	-80	-80	-71	-50	-29	-18	-450	-330	-210	-130	-75	-40	-20	-9	1	70
50E	175	45	-22	-50	-57	-43	-27	-17	-400	-320	-220	-145	-85	-46	-20	-8	1	65
75E	245	140	28	-23	-44	-38	-25	-17	-305	-290	-200	-140	-90	-47	-20	-8	1	60
100E	265	190	69	1	-30	-30	-23	-16	-250	-250	-200	-150	-105	-58	-24	-10	1	55
125E	245	200	94	29	-10	-19	-18	-15	-200	-200	-190	-150	-110	-65	-26	-11	1	49
150E	240	200	140	58	18	-5	-13	-14	-150	-155	-155	-145	-110	-70	-37	-11	1	43
175E	190	180	145	80	42	9	-8	-15	-120	-140	-140	-125	-108	-63	-25	-10	1	35
200E	190	190	160	110	68	27	-4	-10	-95	-110	-110	-110	-105	-64	-27	-12	1	32
225E	155	155	150	145	84	38	1	-12	-80	-94	-108	-105	-93	-59	-25	-12	1	27
250E	150	150	150	145	92	45	1	-10	-71	-93	-90	-91	-82	-55	-25	-12	1	25
275E	125	140	140	140	96	50	7	-11	-60	-66	-70	-69	-64	-40	-20	-9	1	22
300E	120	130	140	140	98	55	9	-12	-55	-58	-60	-60	-58	-44	-25	-15	1	20
350E	85	99	105	100	82	45	7	-11	-47	-47	-43	-35	-33	-27	-20	-14	1	17
400E	75	86	92	91	75	44	10	-6	-36	-34	-28	-21	-18	-15	-14	-12	1	16
450E	60	71	76	74	60	34	6	-9	-34	-31	-23	-10	-10	-10	-14	-11	1	12
500E	55	64	66	65	54	32	6	-7	-28	-23	-15	-6	-4	-6	-10	-12	1	12
550E	50	55	55	52	40	23	1	-4	-25	-20	-12	-2	0	-1	-8	-12	1	10
600E	44	47	46	42	31	18	1	-5	-25	-23	-15	-7	-3	-5	-10	-13	1	10
650E	39	41	40	34	25	14	2	-2	-27	-26	-23	-15	-11	-9	-11	-13	1	8
700E	40	43	42	34	25	13	3	-4	-24	-24	-22	-15	-14	-12	-13	-14	1	8

Line 700S, Loop A, perimeter 00N,1000S,500W and 1000W, Survey date 11/17/83

700E	41	41	37	27	16	3	1	0	-9	-11	-15	-14	-13	-12	-9	-8	1	7
675E	44	47	40	30	17	4	2	0	-12	-14	-16	-15	-13	-11	-10	-8	1	8
650E	46	46	38	26	16	3	0	-1	-14	-16	-15	-14	-12	-11	-8	-8	1	8
625E	46	48	39	26	15	2	0	-2	-21	-25	-26	-24	-21	-19	-16	-10	1	9
600E	47	48	38	25	14	1	-3	-4	-19	-23	-22	-18	-15	-14	-12	-11	1	10
575E	46	46	37	24	12	0	-2	-5	-22	-29	-32	-32	-29	-25	-18	-12	1	9
550E	48	48	38	26	14	1	-3	-5	-22	-25	-24	-21	-17	-16	-11	-13	1	9
525E	54	54	45	31	19	5	-1	-4	-22	-22	-18	-12	-9	-10	-11	-10	1	10
500E	57	58	47	34	22	5	-2	-6	-25	-24	-20	-13	-12	-12	-13	-13	1	10
450E	69	72	67	53	39	18	1	-6	-32	-29	-20	-10	-7	-10	-12	-12	1	13
400E	82	91	90	79	60	29	3	-8	-36	-28	-15	-8	-5	-10	-11	-11	1	15
350E	100	115	120	110	85	44	8	-7	-42	-40	-31	-24	-23	-21	-15	-11	1	16
300E	150	170	170	150	100	41	2	-11	-55	-59	-61	-53	-53	-48	-26	-12	1	19
250E	200	220	200	150	70	16	-9	-13	-100	-115	-120	-120	-115	-78	-35	-11	1	26
200E	275	265	190	75	0	-29	-23	-14	-200	-240	-240	-200	-130	-84	-30	-9	1	39
175E	270	200	84	-8	-49	-49	-30	-18	-250	-290	-260	-200	-140	-71	-26	-7	1	46
150E	240	130	-2	-62	-76	-59	-29	-14	-270	-265	-210	-140	-99	-52	-18	-6	1	52

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
125E	14	-81	-120	-115	-76	-59	-28	-12	-350	-310	-215	-130	-82	-42	-16	-6	1	51
100E	-71	-130	-145	-120	-99	-62	-30	-14	-380	-305	-210	-120	-83	-46	-16	-5	1	54
75E	-155	-200	-180	-130	-105	-62	-30	-13	-245	-240	-140	-102	-62	-34	-14	-5	1	56
50E	-210	-220	-190	-130	-98	-62	-29	-12	-255	-160	-115	-69	-40	-22	-11	-5	1	58
25E	-260	-245	-190	-125	-93	-58	-29	-13	-225	-140	-94	-55	-32	-20	-11	-4	1	58
0W	-250	-230	-170	-125	-92	-56	-29	-13	-215	-140	-97	-61	-39	-24	-11	-6	1	56

Line 800S, Loop A, perimeter 00N,1000S,500W and 1000W, Survey date 11/18/83

400W	-29	-23	-17	-12	-9	-6	-4	0	-5	-2	-1	0	0	0	0	1	12	1
350W	-60	-43	-30	-22	-16	-9	-6	-5	-12	-6	-4	-2	-3	-2	-2	-1	25	1
300W	-90	-65	-46	-32	-23	-15	-8	-6	-23	-9	-4	-1	-2	-1	-1	-1	42	1
250W	-130	-96	-69	-48	-34	-22	-13	-8	-41	-18	-8	-3	-3	-2	-2	-3	59	1
200W	-155	-125	-92	-64	-48	-31	-20	-14	-65	-29	-14	-7	-5	-3	-3	-3	77	1
175W	-190	-150	-102	-72	-53	-34	-22	-15	-80	-35	-18	-8	-6	-4	-3	-3	84	1
150W	-210	-160	-120	-82	-60	-38	-23	-14	-95	-45	-23	-13	-9	-7	-5	-3	90	1
125W	-240	-200	-145	-95	-70	-45	-25	-15	-120	-58	-30	-17	-11	-8	-6	-5	97	1
100W	-230	-200	-145	-105	-75	-48	-25	-15	-115	-64	-33	-19	-14	-11	-8	-5	1	92
75W	-240	-200	-145	-108	-78	-50	-30	-20	-125	-69	-36	-21	-15	-9	-7	-6	1	84
50W	-250	-200	-150	-112	-82	-52	-33	-20	-130	-75	-41	-23	-16	-10	-6	-6	1	75
25W	-250	-225	-160	-120	-85	-54	-35	-18	-140	-85	-47	-26	-18	-11	-8	-6	1	69
0W	-260	-230	-170	-120	-85	-50	-25	-19	-145	-86	-48	-25	-20	-15	-15	-7	1	63
25E	-250	-230	-160	-120	-90	-55	-29	-20	-150	-102	-61	-35	-24	-17	-11	-8	1	57
50E	-270	-240	-190	-135	-94	-56	-29	-19	-170	-120	-76	-44	-29	-20	-11	-8	1	50
75E	-290	-250	-200	-145	-105	-63	-33	-19	-210	-145	-86	-50	-33	-18	-11	-9	1	45
100E	-290	-260	-220	-150	-110	-65	-32	-17	-260	-180	-110	-63	-37	-21	-12	-9	1	42
125E	-220	-220	-200	-150	-110	-65	-33	-18	-250	-190	-115	-71	-44	-24	-12	-8	1	45
150E	-145	-195	-190	-150	-110	-65	-32	-16	-280	-210	-145	-83	-52	-30	-16	-11	1	42
175E	-120	-190	-190	-150	-115	-70	-33	-15	-290	-220	-150	-94	-59	-33	-16	-8	1	40
200E	-100	-170	-190	-160	-125	-72	-34	-15	-290	-245	-175	-110	-71	-38	-19	-10	1	38
225E	-102	-180	-200	-170	-125	-75	-34	-15	-270	-250	-180	-120	-82	-45	-20	-10	1	35
250E	-20	-140	-180	-175	-145	-80	-34	-14	-410	-410	-310	-200	-120	-60	-23	-8	1	37
275E	200	120	8	-60	-75	-60	-33	-15	-255	-260	-230	-170	-120	-65	-29	-12	1	36
300E	190	130	15	-55	-71	-54	-28	-14	-160	-185	-170	-140	-115	-69	-30	-14	1	32
325E	150	96	25	-25	-45	-40	-25	-15	-120	-140	-140	-120	-105	-63	-25	-12	1	30
350E	150	110	60	15	-11	-20	-20	-15	-95	-120	-125	-120	-95	-61	-28	-12	1	25
375E	150	140	95	58	27	3	-10	-14	-85	-105	-112	-102	-83	-54	-26	-13	1	22
400E	110	100	72	40	15	-4	-11	-11	-43	-43	-35	-25	-21	-18	-20	-14	1	17
425E	125	125	85	55	27	5	-8	-13	-45	-45	-38	-30	-24	-18	-16	-12	1	18
450E	110	100	72	40	15	-4	-11	-11	-43	-43	-35	-25	-21	-18	-20	-14	1	17
475E	100	93	65	35	9	-4	-9	-10	-39	-33	-23	-13	-9	-8	-11	-12	1	16
500E	85	78	50	24	2	-7	-9	-10	-46	-52	-51	-42	-36	-26	-19	-14	1	16
525E	81	74	46	20	-1	-9	-11	-10	-38	-41	-40	-33	-27	-20	-16	-15	1	15
550E	74	66	41	17	-1	-9	-10	-11	-35	-40	-39	-33	-27	-20	-15	-14	1	14
575E	74	66	40	17	-2	-9	-10	-11	-33	-38	-40	-32	-27	-21	-16	-14	1	15
600E	67	60	38	16	-3	-9	-11	-11	-26	-30	-28	-23	-19	-15	-13	-10	1	14
625E	55	52	31	13	-3	-9	-9	-9	-24	-32	-33	-30	-27	-21	-16	-13	1	12

Line 900S, Loop A, perimeter 00N,1000S,500W and 1000W, Survey date 11/18/83

400W	-26	-20	-13	-9	-6	-6	-2	-1	-2	-1	-1	0	0	-1	0	1	13	1
350W	-54	-40	-28	-19	-13	-10	-5	-4	-7	-3	-1	1	1	-1	1	1	29	1
300W	-88	-63	-44	-30	-20	-14	-8	-5	-15	-8	-3	0	-1	-1	1	1	45	1
250W	-110	-90	-64	-44	-30	-22	-12	-8	-34	-15	-7	-2	-1	-2	-1	-1	65	1
200W	-150	-110	-90	-62	-44	-30	-16	-10	-54	-25	-10	-5	-2	-3	-2	-2	82	1
150W	-200	-150	-110	-84	-60	-40	-22	-15	-76	-36	-16	-9	-5	-5	-3	0	95	1
100W	-215	-175	-125	-98	-70	-46	-25	-15	-110	-53	-24	-12	-7	-6	-3	-2	1	88
50W	-200	-170	-125	-100	-74	-48	-25	-14	-110	-62	-32	-16	-11	-10	-6	-5	1	74
25W	-200	-170	-130	-100	-74	-50	-26	-14	-100	-54	-27	-14	-10	-8	-6	-4	1	65
0W	-206	-190	-140	-100	-78	-52	-27	-15	-115	-72	-38	-20	-13	-10	-6	-3	1	61
25E	-210	-190	-145	-100	-78	-52	-28	-16	-110	-72	-40	-22	-13	-11	-8	-6	1	56

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
50E	-215	-200	-150	-110	-82	-54	-28	-15	-130	-82	-45	-25	-15	-11	-8	-7	1	54
75E	-215	-200	-150	-110	-82	-55	-28	-15	-145	-95	-54	-32	-20	-13	-7	-3	1	50
100E	-210	-200	-150	-110	-88	-56	-28	-14	-140	-98	-58	-34	-20	-12	-6	-3	1	45
125E	-210	-205	-155	-115	-90	-58	-32	-17	-145	-104	-62	-36	-23	-14	-9	-4	1	38
150E	-220	-215	-175	-125	-95	-60	-28	-15	-160	-115	-80	-50	-30	-20	-12	-4	1	38
175E	-212	-210	-160	-125	-95	-60	-32	-16	-195	-135	-95	-56	-34	-22	-11	-6	1	26
200E	-205	-205	-175	-130	-100	-65	-35	-20	-220	-160	-110	-66	-42	-25	-13	-8	1	30
225E	-195	-205	-180	-135	-100	-64	-32	-14	-260	-208	-130	-85	-55	-30	-14	-8	1	31
250E	-145	-190	-170	-150	-105	-65	-35	-18	-300	-240	-190	-96	-56	-32	-16	-8	1	31
275E	-44	-110	-120	-115	-95	-63	-33	-16	-260	-230	-150	-104	-64	-34	-15	-9	1	34
300E	-22	-95	-115	-110	-92	-60	-30	-14	-250	-225	-155	-108	-70	-40	-20	-10	1	33
325E	-4	-78	-110	-108	-90	-60	-31	-15	-230	-215	-150	-108	-74	-44	-22	-10	1	30
350E	2	-66	-105	-105	-90	-60	-30	-14	-225	-220	-170	-115	-83	-47	-22	-10	1	28
375E	35	-28	-74	-84	-98	-55	-30	-16	-205	-210	-165	-125	-85	-48	-23	-10	1	26
400E	60	6	-45	-65	-65	-50	-25	-12	-180	-200	-150	-115	-86	-52	-24	-10	1	25
425E	88	45	-11	-40	-50	-42	-22	-12	-150	-155	-145	-112	-78	-45	-20	-7	1	24
450E	110	75	17	-20	-36	-35	-20	-11	-106	-120	-110	-85	-57	-35	-15	-10	1	22
475E	95	65	18	-15	-32	-32	-22	-15	-100	-115	-110	-95	-66	-40	-20	-10	1	20
500E	100	76	30	-9	-26	-27	-15	-9	-92	-110	-105	-84	-60	-38	-20	-9	1	19
525E	96	76	34	-5	-23	-25	-16	-10	-65	-79	-78	-65	-48	-32	-16	-10	1	18
550E	85	65	30	-4	-21	-24	-15	-10	-62	-77	-80	-67	-52	-35	-19	-10	1	16
575E	90	80	40	5	-15	-20	-14	-7	-55	-74	-69	-68	-54	-35	-20	-11	1	16
600E	88	76	40	7	-13	-20	-14	-9	-45	-61	-66	-60	-52	-35	-20	-10	1	15
625E	82	74	42	10	-10	-20	-16	-11	-33	-45	-55	-45	-35	-25	-15	-10	1	14
650E	67	60	34	6	-11	-17	-14	-7	-30	-40	-44	-40	-30	-20	-11	-10	1	12
675E	70	63	37	11	-8	-15	-12	-8	-27	-43	-52	-52	-45	-34	-20	-10	1	14
700E	62	58	35	11	-8	-14	-10	-9	-25	-37	-48	-50	-45	-35	-20	-10	1	12

Line 00N, Loop B, perimeter 00N,1000S,300E and 200W, Survey date 11/20/83

600W	-71	-78	-74	-63	-50	-34	-23	-17	-120	-102	-75	-50	-31	-16	-6	-3	1	56
550W	-72	-83	-78	-64	-52	-34	-22	-15	-140	-120	-88	-58	-36	-21	-9	-2	1	69
500W	-79	-87	-81	-67	-53	-35	-22	-19	-160	-130	-94	-60	-35	-19	-7	-3	1	90
450W	-80	-83	-75	-62	-48	-31	-18	-12	-190	-140	-96	-58	-34	-17	-6	-2	91	1
400W	-73	-70	-64	-50	-39	-25	-15	-11	-160	-120	-82	-49	-28	-13	-5	-2	74	1
350W	-70	-60	-50	-38	-29	-18	-11	-8	-145	-105	-69	-36	-23	-11	-4	-2	53	1
300W	-55	-43	-32	-23	-16	-10	-8	-9	-72	-54	-35	-19	-11	-5	-1	-1	31	1

Line 200S, Loop B, perimeter 0N,1000S,300E and 200W, Survey date 21/11/83

900W	-38	-49	-50	-44	-36	-26	-14	-10	-84	-73	-58	-41	-28	-18	-6	-2	1	29
850W	-41	-51	-52	-46	-36	-27	-17	-11	-90	-76	-59	-40	-26	-16	-7	-4	1	32
800W	-44	-54	-54	-46	-38	-28	-17	-11	-115	-91	-69	-46	-30	-17	-8	-2	1	35
750W	-51	-62	-60	-52	-41	-29	-18	-10	-120	-98	-70	-46	-30	-15	-6	-3	1	49
700W	-55	-63	-61	-55	-43	-32	-20	-13	-130	-105	-75	-52	-35	-19	-8	-8	1	54
650W	-62	-70	-68	-56	-45	-32	-19	-12	-140	-110	-80	-53	-34	-18	-7	-2	1	66
600W	-65	-72	-68	-58	-46	-33	-20	-12	-140	-115	-82	-55	-34	-19	-6	-1	1	79
550W	-58	-69	-68	-60	-48	-34	-20	-12	-150	-120	-90	-59	-36	-20	-8	-3	1	1
500W	-44	-52	-52	-46	-37	-26	-15	-9	-150	-120	-81	-51	-30	-16	-5	0	87	1
450W	-52	-52	-46	-39	-29	-20	-11	-7	-130	-110	-72	-44	-25	-13	-5	-2	70	1
400W	-38	-38	-34	-28	-22	-15	-8	-6	-125	-102	-65	-36	-22	-11	-3	-1	53	1
350W	-42	-39	-30	-22	-14	-11	-5	-2	-120	-92	-54	-27	-14	-7	-1	0	33	1
300W	-52	-42	-28	-16	-10	-8	-4	-2	-100	-71	-40	-20	-10	-6	-1	1	17	1

Line 400S, Loop B, perimeter 00N,1000S,300E and 200W, Survey date 11/20/83

300W	-8	-9	-10	-9	-9	-6	-4	-3	-57	-38	-23	-13	-8	-4	-1	-1	17	1
350W	-14	-13	-13	-13	-12	-9	-5	-3	-80	-54	-33	-20	-13	-6	-2	-2	30	1
400W	-20	-20	-20	-20	-18	-13	-7	-5	-95	-63	-41	-24	-16	-8	-3	-2	46	1
450W	-34	-33	-33	-29	-25	-16	-11	-8	-110	-81	-54	-33	-22	-11	-4	-2	64	1

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
500W	-40	-43	-42	-35	-32	-23	-14	-10	-150	-100	-65	-43	-28	-15	-6	-3	80	1
550W	-54	-57	-55	-46	-39	-27	-17	-13	-150	-115	-77	-50	-32	-16	-7	-4	94	1
600W	-57	-63	-60	-51	-41	-28	-19	-13	-140	-105	-70	-45	-31	-18	-10	-5	1	89
650W	-52	-61	-60	-50	-40	-29	-20	-15	-150	-105	-73	-50	-34	-22	-10	-6	1	74
700W	-43	-54	-52	-45	-35	-25	-15	-10	-135	-100	-72	-49	-33	-18	-9	-7	1	59
750W	-36	-50	-52	-46	-40	-30	-23	-22	-120	-94	-69	-49	-33	-20	-10	-6	1	48
800W	-32	-47	-49	-43	-35	-25	-19	-19	-110	-90	-65	-46	-33	-21	-11	-7	1	41
850W	-32	-43	-43	-40	-33	-24	-19	-18	-92	-76	-59	-42	-31	-19	-9	-5	1	28
900W	-26	-41	-43	-39	-34	-24	-18	-14	-90	-74	-55	-39	-26	-15	-9	-6	1	21
950W	-25	-36	-39	-35	-30	-23	-15	-12	-75	-68	-54	-40	-29	-19	-9	-6	1	17
1000W	-23	-34	-39	-34	-30	-23	-15	-11	-74	-65	-53	-39	-26	-15	-8	-6	1	19

Line 600S, Loop B, perimeter 00N,1000S,300E and 200W, Survey date 21/11/83

300W	-10	-9	-10	-9	-8	-8	-5	-3	-36	-24	-15	-9	-5	-3	-1	0	12	1
350W	-13	-11	-11	-10	-8	-7	-4	-2	-53	-34	-21	-13	-8	-4	-1	0	24	1
400W	-21	-18	-16	-13	-11	-10	-6	-4	-70	-46	-29	-18	-12	-7	-2	0	39	1
450W	-29	-28	-25	-22	-16	-13	-8	-6	-91	-62	-41	-25	-16	-11	-3	-1	56	1
500W	-29	-31	-30	-26	-22	-16	-10	-7	-112	-76	-51	-34	-22	-13	-5	-2	72	1
550W	-38	-42	-42	-36	-30	-22	-15	-10	-115	-83	-55	-36	-24	-13	-6	-4	88	1
600W	-39	-50	-50	-45	-36	-25	-15	-11	-120	-95	-66	-48	-32	-21	-11	-3	99	1
650W	-31	-44	-48	-43	-36	-27	-16	-8	-120	-94	-65	-44	-28	-15	-6	-4	1	81
700W	-15	-38	-42	-39	-32	-26	-16	-12	-115	-84	-60	-42	-29	-16	-8	-5	1	70
750W	-15	-36	-42	-39	-32	-24	-16	-10	-100	-79	-58	-42	-30	-22	-10	-3	1	59
800W	-20	-35	-39	-36	-30	-24	-14	-10	-108	-87	-66	-51	-34	-23	-9	-4	1	46
850W	-18	-35	-39	-36	-28	-22	-14	-10	-82	-65	-48	-33	-23	-14	-6	-2	1	43
900W	-15	-34	-38	-32	-27	-20	-14	-9	-82	-68	-52	-38	-26	-15	-7	-1	1	36
950W	-11	-31	-35	-32	-26	-20	-14	-10	-66	-54	-40	-29	-21	-13	-7	-4	1	33
1000W	-16	-30	-34	-31	-25	-20	-13	-9	-65	-59	-46	-34	-24	-15	-7	-2	1	27

Line 100S, Loop B, perimeter 00N,1000S,300E and 200W, Survey date 21/11/83

400E	-44	-46	-45	-34	-24	-14	-6	-4	-95	-73	-54	-35	-24	-14	-7	-3	30	1
450E	-34	-54	-54	-44	-30	-18	-8	-3	-125	-110	-84	-60	-40	-25	-12	-5	50	1
475E	-20	-50	-55	-46	-32	-20	-7	-4	-165	-125	-105	-74	-50	-30	-14	-8	60	1
500E	-4	-46	-55	-49	-34	-20	-8	-1	-180	-140	-110	-80	-55	-33	-15	-9	69	1
525E	17	-30	-50	-44	-30	-20	-8	-2	-190	-150	-135	-92	-64	-36	-16	-6	77	1
550E	29	-25	-50	-44	-32	-18	-7	-3	-220	-195	-145	-110	-84	-52	-24	-11	85	1
575E	58	-16	-46	-45	-30	-16	-7	-3	-225	-200	-150	-115	-88	-54	-28	-12	92	1
600E	60	-10	-40	-40	-28	-16	-5	-2	-218	-210	-160	-120	-90	-58	-29	-14	99	1
625E	66	-3	-32	-32	-22	-12	-3	-1	-200	-190	-160	-135	-98	-58	-26	-12	1	90
650E	48	-3	-26	-25	-19	-9	1	2	-210	-200	-150	-140	-102	-61	-32	-14	1	75
675E	45	2	-20	-19	-13	-7	0	1	-198	-195	-160	-135	-108	-74	-40	-14	1	60
700E	55	8	-13	-15	-11	-7	-1	-1	-200	-195	-155	-125	-100	-64	-34	-15	1	65

Line 300S, Loop B, perimeter 00N,1000S,300E and 200W, Survey date 11/22/83

725E	31	6	-5	-14	-16	-16	-10	-4	-225	-200	-160	-135	-102	-64	-32	-14	1	82
700E	36	4	-7	-14	-16	-17	-11	-4	-180	-165	-140	-110	-77	-44	-20	-9	1	89
675E	17	-9	-15	-23	-24	-23	-14	-6	-280	-235	-195	-148	-112	-80	-43	-22	1	91
650E	-2	-22	-26	-32	-32	-26	-15	-6	-250	-215	-180	-145	-110	-74	-38	-15	96	1
625E	-20	-35	-36	-36	-34	-28	-14	-4	-250	-210	-175	-135	-100	-64	-30	-11	88	1
600E	-48	-54	-53	-51	-45	-35	-18	-8	-240	-200	-155	-135	-94	-56	-26	-10	86	1
575E	-54	-60	-54	-48	-41	-31	-15	-6	-250	-190	-145	-112	-83	-52	-24	-10	74	1
550E	-85	-72	-61	-54	-44	-31	-15	-6	-240	-160	-135	-108	-75	-45	-22	-8	66	1
500E	-130	-90	-74	-61	-50	-34	-16	-6	-185	-145	-112	-86	-59	-35	-17	-7	55	1
450E	-108	-72	-54	-45	-35	-24	-11	-3	-110	-95	-75	-52	-34	-20	-9	-3	32	1
400E	-74	-54	-42	-33	-25	-18	-8	-2	-66	-56	-43	-30	-18	-11	-4	-1	18	1

Line 500S, Loop B, perimeter 00N,1000S,300E and 200W, Survey date 21/11/83

400E	-53	-40	-38	-35	-32	-24	-11	-5	-82	-70	-50	-34	-20	-11	-7	-1	17	1
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STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
450E	-73	-55	-52	-51	-46	-25	-18	-5	-108	-90	-72	-53	-38	-24	-11	-4	31	1
500E	-95	-66	-64	-63	-60	-46	-24	-9	-140	-115	-108	-84	-62	-40	-20	-8	39	1
550E	-110	-62	-58	-59	-58	-48	-25	-10	-225	-155	-130	-110	-85	-55	-26	-10	64	1
600E	-90	-46	-45	-52	-55	-50	-26	-11	-300	-210	-155	-114	-93	-58	-26	-11	81	1
625E	-62	-35	-35	-45	-51	-47	-27	-9	-260	-215	-160	-135	-110	-74	-36	-15	88	1
650E	-38	-22	-28	-43	-50	-45	-28	-11	-300	-235	-195	-150	-112	-82	-40	-15	97	1
675E	-17	-9	-19	-35	-44	-43	-25	-12	-280	-220	-190	-150	-115	-90	-48	-23	1	94
700E	-4	3	-8	-24	-34	-35	-22	-10	-280	-210	-170	-145	-110	-86	-46	-21	1	89
725E	18	18	3	-14	-25	-28	-19	-8	-250	-200	-160	-135	-112	-80	-40	-19	1	72
750E	24	20	7	-10	-23	-28	-17	-8	-240	-190	-150	-135	-112	-80	-43	-21	1	75

Line 700S, Loop B, perimeter 00N,1000S,300E and 200W, Survey date 21/11/83

800E	66	64	44	22	2	-8	-8	-5	-110	-108	-110	-100	-85	-59	-34	-20	1	31
775E	79	71	48	23	1	-8	-8	-5	-125	-115	-115	-109	-91	-62	-35	-23	1	38
750E	75	64	35	6	-13	-19	-23	-21	-140	-125	-130	-125	-100	-66	-36	-23	1	43
725E	68	60	29	2	-18	-21	-16	-10	-155	-150	-145	-140	-102	-67	-36	-23	1	46
700E	66	61	27	-5	-23	-23	-20	-10	-175	-150	-150	-140	-110	-70	-38	-21	1	53
675E	50	49	10	-22	-33	-30	-22	-12	-180	-155	-150	-145	-110	-73	-37	-23	1	62
650E	25	35	-3	-33	-43	-39	-26	-15	-230	-190	-160	-145	-120	-77	-40	-23	1	70
625E	1	15	-23	-53	-72	-69	-48	-15	-225	-200	-175	-150	-120	-80	-42	-24	1	75
600E	-25	-1	-35	-63	-80	-75	-51	-15	-250	-200	-160	-140	-120	-80	-55	-20	1	87
575E	-38	-7	-44	-66	-73	-60	-35	-19	-245	-200	-190	-150	-125	-84	-45	-24	1	1
550E	-26	-9	-46	-68	-74	-62	-38	-20	-185	-170	-155	-145	-125	-84	-48	-22	94	1
525E	-3	-2	-40	-61	-68	-63	-43	-15	-150	-130	-120	-110	-95	-70	-35	-18	86	1
500E	15	8	-30	-55	-65	-56	-34	-19	-110	-110	-105	-95	-85	-60	-30	-13	76	1
475E	36	27	-15	-45	-60	-53	-32	-15	-96	-80	-75	-75	-74	-55	-26	-12	66	1
450E	55	40	-7	-38	-56	-52	-30	-15	-56	-55	-60	-60	-60	-44	-23	-11	55	1
400E	80	63	12	-30	-53	-50	-28	-13	-25	-23	-30	-33	-34	-24	-13	-6	36	1

Line 900S, Loop B, perimeter 00N,1000S,300E and 200W, Survey date 21/11/83

400E	-140	-140	-95	-54	-25	-9	-5	-4	-230	-160	-73	-28	-6	1	1	-1	21	1
425E	-102	-140	-100	-63	-33	-15	-7	-5	-260	-200	-95	-37	-12	-1	0	-2	29	1
450E	-57	-110	-105	-69	-40	-19	-9	-6	-240	-200	-105	-44	-18	-4	-1	-2	38	1
475E	-22	-95	-105	-79	-50	-24	-11	-7	-245	-195	-110	-55	-24	-7	-4	-4	48	1
500E	15	-75	-102	-83	-55	-28	-14	-8	-250	-210	-145	-69	-34	-14	-6	-5	60	1
525E	40	-55	-102	-90	-65	-36	-20	-10	-230	-200	-150	-84	-43	-20	-9	-6	70	1
550E	65	-36	-96	-95	-72	-43	-23	-13	-230	-220	-160	-96	-53	-25	-11	-7	79	1
575E	76	-23	-92	-95	-75	-50	-29	-16	-225	-220	-180	-110	-63	-30	-15	-9	86	1
600E	102	-2	-86	-100	-85	-54	-30	-16	-205	-210	-160	-120	-70	-35	-19	-11	94	1
625E	130	13	-80	-105	-93	-60	-33	-18	-205	-205	-180	-130	-82	-44	-22	-13	1	98
650E	99	15	-70	-98	-89	-58	-31	-16	-200	-205	-180	-130	-85	-48	-23	-14	1	91
675E	88	21	-60	-89	-83	-55	-31	-16	-160	-180	-160	-130	-85	-48	-23	-15	1	82
700E	68	15	-55	-83	-80	-55	-30	-14	-145	-150	-150	-115	-82	-49	-24	-15	1	70

Line 1000S, Loop C, perimeter 1000S,1500S,00W and 500W, Survey date 11/23/83

100E	-69	-68	-55	-42	-32	-20	-12	-7	-30	-20	-14	-8	-6	-3	-1	-2	21	1
150E	-105	-103	-78	-56	-41	-25	-13	-6	-75	-54	-36	-24	-18	-10	-6	-4	35	1
200E	-150	-145	-110	-78	-55	-33	-18	-11	-120	-89	-60	-40	-28	-17	-9	-5	52	1
250E	-200	-200	-150	-105	-74	-45	-24	-14	-195	-145	-100	-66	-45	-27	-14	-8	70	1
300E	-250	-240	-190	-130	-93	-55	-27	-17	-230	-170	-125	-82	-50	-23	-8	-9	84	1
325E	-300	-300	-230	-155	-100	-64	-35	-23	-390	-300	-200	-140	-86	-48	-23	-12	92	1
350E	-250	-260	-225	-160	-110	-69	-35	-20	-500	-390	-250	-175	-108	-60	-30	-15	97	1
375E	-105	-190	-180	-140	-102	-65	-36	-20	-500	-420	-295	-190	-115	-65	-35	-19	1	95
400E	-11	-110	-130	-115	-91	-60	-33	-20	-450	-400	-280	-180	-120	-66	-33	-19	1	88
425E	39	-58	-95	-94	-80	-55	-32	-20	-400	-360	-260	-175	-115	-63	-30	-17	1	78
450E	155	38	-32	-59	-63	-49	-30	-18	-410	-400	-300	-200	-125	-70	-32	-18	1	72
475E	270	175	49	-13	-40	-40	-28	-18	-320	-330	-240	-155	-115	-63	-30	-15	1	64

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
500E	295	210	84	7	-27	-31	-24	-16	-255	-260	-215	-150	-105	-60	-31	-16	1	59
525E	300	230	95	18	-23	-30	-22	-13	-210	-220	-190	-140	-100	-58	-29	-18	1	52
550E	280	225	96	23	-18	-27	-20	-14	-150	-155	-150	-120	-92	-55	-30	-16	1	47
575E	260	200	94	27	-13	-23	-20	-14	-120	-125	-120	-110	-83	-52	-28	-16	1	43
600E	240	195	87	25	-12	-22	-18	-12	-90	-110	-110	-93	-73	-46	-24	-15	1	39
650E	180	150	81	27	-8	-18	-15	-11	-63	-84	-91	-83	-68	-44	-25	-17	1	32
700E	155	145	79	30	-3	-16	-15	-13	-40	-59	-72	-71	-62	-42	-25	-15	1	27
750E	140	120	70	30	-2	-16	-15	-14	-18	-32	-49	-51	-48	-34	-24	-15	1	23
800E	100	95	64	31	4	-8	-9	-10	-18	-33	-52	-55	-53	-39	-24	-15	1	20
825E	97	92	64	34	6	-6	-8	-8	-16	-30	-49	-53	-51	-36	-23	-13	1	20
850E	88	85	59	33	8	-4	-6	-6	-15	-29	-47	-51	-50	-35	-21	-14	1	18
875E	85	84	61	36	11	-3	-6	-6	-9	-20	-38	-45	-45	-35	-22	-15	1	16
900E	76	74	56	34	10	-2	-7	-7	-7	-19	-35	-43	-43	-33	-22	-15	1	15

Line 1200S, Loop C, perimeter 1000S, 1500S, 00W and 500W, Survey date 11/23/83

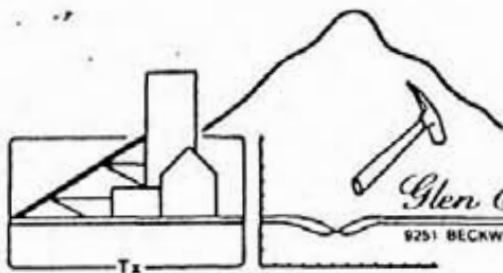
100E	-45	-42	-32	-24	-17	-13	-7	-3	-31	-24	-19	-14	-11	-8	-3	0	10	1
150E	-77	-70	-54	-40	-30	-21	-11	-6	-58	-44	-34	-25	-18	-13	-6	-2	19	1
200E	-108	-94	-70	-52	-36	-26	-14	-7	-90	-67	-52	-38	-28	-18	-10	-4	29	1
250E	-125	-120	-95	-70	-52	-35	-19	-10	-115	-96	-72	-54	-40	-25	-14	-7	44	1
300E	-160	-150	-115	-94	-66	-45	-25	-13	-180	-125	-104	-76	-55	-36	-20	-9	64	1
350E	-200	-190	-150	-110	-82	-55	-31	-16	-240	-180	-125	-102	-74	-48	-26	-13	79	1
400E	-240	-245	-200	-140	-105	-70	-40	-20	-312	-245	-160	-115	-94	-62	-34	-18	99	1
450E	-240	-250	-205	-140	-102	-66	-36	-20	-355	-300	-210	-145	-108	-67	-35	-18	1	85
500E	-190	-215	-180	-120	-90	-56	-33	-18	-380	-320	-240	-155	-108	-66	-34	-16	1	70
525E	-150	-190	-155	-110	-86	-55	-31	-16	-400	-350	-250	-150	-110	-68	-34	-16	1	65
550E	-110	-140	-130	-105	-76	-50	-28	-14	-375	-345	-245	-150	-110	-65	-34	-16	1	57
575E	-49	-108	-104	-84	-66	-46	-26	-14	-350	-325	-240	-150	-110	-62	-31	-15	1	53
600E	30	-23	-45	-52	-50	-38	-24	-14	-305	-300	-220	-145	-103	-60	-30	-14	1	48
625E	92	45	-1	-24	-34	-34	-23	-14	-275	-275	-210	-140	-104	-60	-32	-14	1	45
650E	150	85	32	-7	-24	-26	-18	-10	-235	-235	-180	-125	-92	-51	-25	-18	1	37
675E	160	110	48	3	-19	-25	-19	-11	-150	-150	-140	-110	-80	-53	-26	-13	1	36
700E	175	140	62	18	-11	-20	-14	-9	-150	-165	-150	-105	-80	-50	-30	-17	1	32
750E	175	160	70	25	-5	-16	-14	-10	-120	-130	-130	-110	-82	-50	-24	-14	1	28
800E	150	140	72	30	2	-12	-11	-10	-65	-76	-81	-77	-65	-44	-28	-16	1	24
850E	105	95	65	32	6	-7	-6	0	-45	-60	-70	-70	-60	-44	-25	-13	1	21
900E	90	86	60	31	7	-7	-8	-7	-54	-60	-65	-70	-66	-44	-24	-14	1	18

Line 1400S, Loop C, perimeter 1000S, 1500S, 00W and 500W, Survey date 11/23/83

100E	-93	-79	-64	-51	-40	-30	-18	-9	-72	-62	-53	-42	-31	-21	-10	-4	15	1
150E	-120	-110	-86	-65	-52	-38	-23	-13	-110	-93	-76	-61	-47	-31	-16	-8	28	1
200E	-190	-140	-100	-82	-63	-45	-28	-15	-115	-102	-82	-65	-51	-36	-22	-12	45	1
250E	-250	-180	-125	-98	-72	-52	-32	-19	-240	-150	-115	-95	-71	-50	-29	-15	64	1
300E	-210	-200	-150	-120	-92	-64	-41	-23	-300	-200	-130	-110	-82	-58	-34	-16	82	1
350E	-140	-190	-160	-125	-105	-70	-42	-22	-320	-220	-150	-120	-92	-65	-39	-22	95	1
400E	-130	-180	-160	-130	-100	-69	-41	-22	-250	-190	-130	-105	-76	-51	-32	-20	1	84
425E	-120	-170	-160	-125	-96	-64	-36	-21	-255	-211	-145	-115	-86	-56	-29	-12	1	79
450E	-125	-180	-165	-120	-94	-62	-35	-21	-250	-200	-144	-112	-85	-56	-34	-19	1	70
475E	-120	-160	-150	-115	-92	-60	-32	-18	-240	-200	-140	-115	-82	-54	-32	-18	1	64
500E	-115	-165	-150	-115	-92	-60	-33	-18	-230	-200	-140	-112	-82	-55	-31	-16	1	58
525E	-110	-160	-150	-110	-89	-55	-30	-16	-230	-200	-140	-110	-78	-50	-26	-11	1	54
550E	-110	-145	-140	-115	-84	-53	-30	-15	-230	-210	-150	-120	-85	-55	-31	-14	1	50
600E	-85	-120	-120	-102	-73	-48	-26	-13	-240	-230	-160	-110	-89	-53	-28	-15	1	42
650E	-43	-84	-90	-76	-61	-44	-26	-16	-240	-240	-200	-130	-95	-52	-21	-8	1	35
675E	-5	-46	-57	-56	-50	-38	-23	-14	-200	-200	-160	-120	-91	-56	-30	-15	1	32
700E	28	-3	-24	-31	-34	-31	-20	-12	-115	-115	-100	-76	-55	-35	-19	-11	1	28
725E	45	22	-3	-18	-26	-26	-18	-11	-130	-140	-120	-110	-76	-50	-26	-12	1	26
750E	62	41	14	-9	-18	-21	-16	-10	-150	-165	-150	-120	-44	-60	-32	-12	1	25
775E	70	54	27	0	-16	-19	-16	-12	-110	-120	-110	-92	-69	-45	-24	-13	1	22
800E	68	54	29	3	-12	-18	-13	-10	-91	-102	-98	-83	-65	-45	-26	-15	1	21

STATION	V1	V2	V3	V4	V5	V6	V7	V8	H1	H2	H3	H4	H5	H6	H7	H8	G	PP
850E	63	55	37	15	-3	-12	-11	-10	-82	-99	-100	-86	-70	-49	-23	-14	1	18
900E	75	68	50	26	5	-8	-9	-7	-59	-75	-80	-73	-62	-44	-26	-15	1	17

A total of 547 stations were occupied, some 17.0 kilometres of line coverage on 22 lines.



Glen E. White GEOPHYSICAL CONSULTING & SERVICES LTD

9251 BECKWITH ROAD, RICHMOND, BRITISH COLUMBIA V6X 1V7

(604) 273 1636

December 5, 1983

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

Mr. L. McGregor,
McGregor Construction.
Box 150 Kamloops, B.C.
V2C 5K3

12,540

PROJECT - O.K. ORE PROCESSING LTD.
KAMAD SILVER LTD.

Downhole probing of diamond drill holes Kamad Silver Mines property. Travel and loop layout \$675/day plus \$375/day for the downhole probe system as used.

McGregor Construction will provide meals and accommodations.

Computer plotting of downhole data at \$50/down hole probe plus a summary report if required at normal report charges of \$60/hr.

PAYMENT SCHEDULE

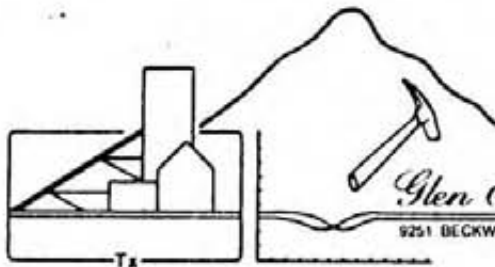
An invoice will be submitted at the completion of the field work with the remainder to be paid upon receipt of maps and reports.

Yours truly,

Glen E. White P.Eng.

Accepted on behalf of
McGregor Construction &
O.K. Ore Processing Ltd.

Date: _____



Glen E. White GEOPHYSICAL CONSULTING & SERVICES LTD
9251 BECKWITH ROAD, RICHMOND, BRITISH COLUMBIA V6X 1V7

(604) 273 1636

January 10, 1984

O.K. Ore Processing Ltd.,
& McGregor Construction Ltd.,
Box 150, Kamloops, B.C.
V2C 5K3

INVOICE #167

To Professional Services:

Report Preparation Kamad 7 Claims, Adams Lake area,
Dec. 1983.

Computer Plotting

1) Composite Profile Map	\$380.00
2) 92 profile plots at \$10/plot	920.00
3) 6 borehole plots \$30/plot	180.00

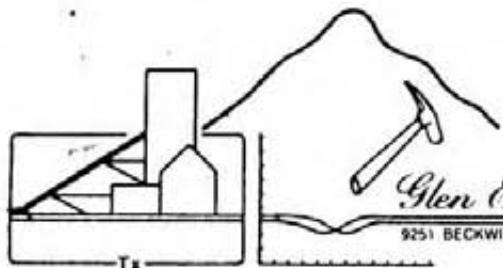
Interpretation and Report Compilation

- 8 hrs at \$60/hr.	480.00
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Drafting and Reproduction	<u>500.00</u>
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Total -----	\$2,460.00
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Amount of this invoice ----- \$2,460.00



November 29, 1983

Mr. L. McGregor,
McGregor Construction,
Box 150 Kamloops, B.C.
V2C 5K3

Dear Larry:

Enclosed please find a progress invoice for the KAMAD project and a separate one for the VPEM test on your property.

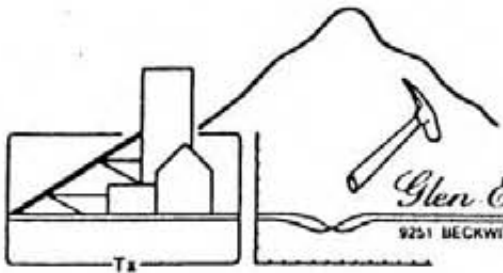
Pursuant to our telephone discussions we have recommended three preliminary diamond drill holes on the VPEM survey

- A) Line 700S-300E at -65° S45 $^{\circ}$ W
- B) Line 700S-700E at -60° grid west
- C) Line 100S-300E at -70° S45 $^{\circ}$ W

The data is very interesting; complete line profiles and an interpretation report will be forwarded shortly.

Yours truly,

Glen E. White P.Eng.



Glen E. White GEOPHYSICAL CONSULTING & SERVICES LTD
9251 BECKWITH ROAD, RICHMOND, BRITISH COLUMBIA V6X 1V7

(604) 273 1636

November 28, 1983

McGregor Construction,
Box 150,
Kamloops, B.C.
V2C 5K3

PROGRESS INVOICE #160

O.K. Ore Processing
Kamad Silver Project

To professional services:

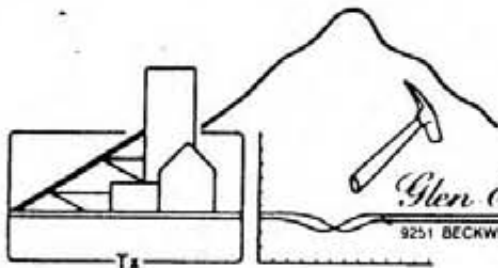
Glen E. White Geophysical Consulting & Services Ltd.

Vector pulse electromagnetometer surveying:

Nov. 11-13, 14½, 15, 16½, 17, 18, 19½, 20, 21, 22, 23, 26;

12½ days @ \$1200/day \$15,000.00

Amount of this invoice \$15,000.00



9251 BECKWITH ROAD, RICHMOND, BRITISH COLUMBIA V6X 1V7

(604) 273 1636

November 10, 1983

McGregor Construction,
B0x 150 Kamloops, B.C.,
V2C 5K3

PROJECT

Conduct large loop 2.0 kw vector pulse electromagnetometer surveying over Kumad 7 and OK 1 and 2 mineral claims as directed by Mr. Larry McGregor.

THE SURVEY

Glen E. White Geophysical Consulting & Services Ltd. will provide an experienced crew, equipment and vehicle for a fee of \$1200/day.

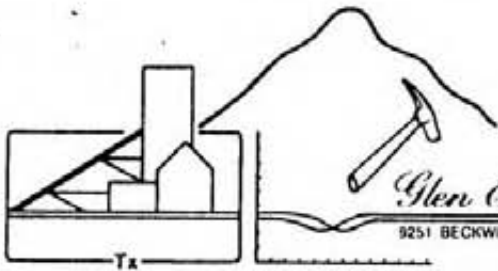
McGregor Construction will provide meals and accommodations.

Data processing at \$10/computer plot.

Interpretation maps and reports approximately \$2500.00.

The survey area is approximately 50 km which is some 10 days survey work.

It is understood that time is of the essence.



- 2 -

PAYMENT SCHEDULE

Should this proposal meet with your acceptance please sign and return one copy for our files with a mobilization deposit of \$5,000.00. An invoice for \$5,000. will be submitted upon completion of the field work with the remainder to be due and payable upon receipt of maps and reports.

Yours truly,

Glen E. White P.Eng.

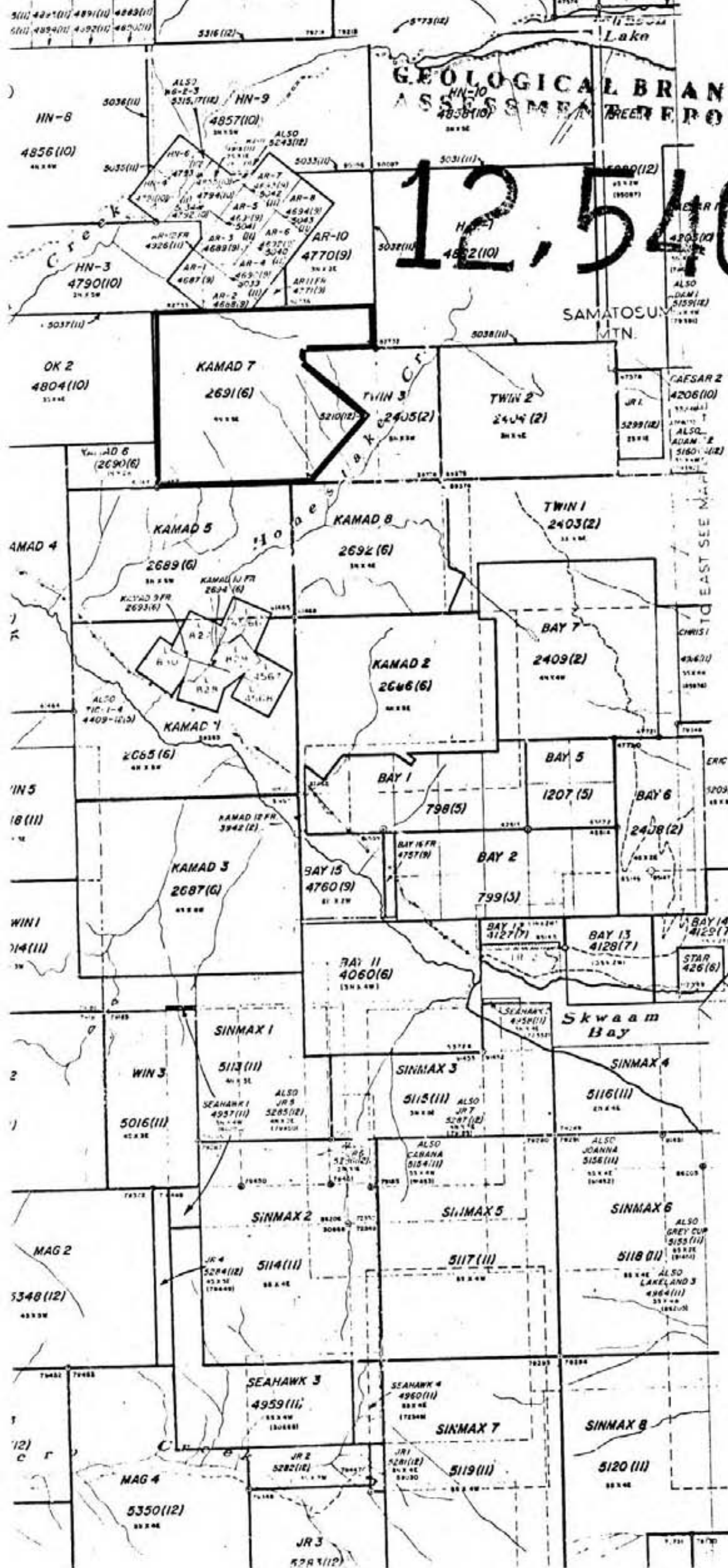
Accepted on behalf of
McGregor Construction

Date: _____

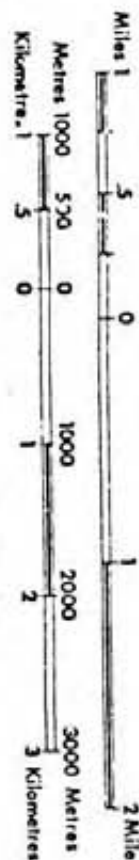
GEOLOGICAL BRANCH
ASSESSMENT FRONT

12,540

82MAW



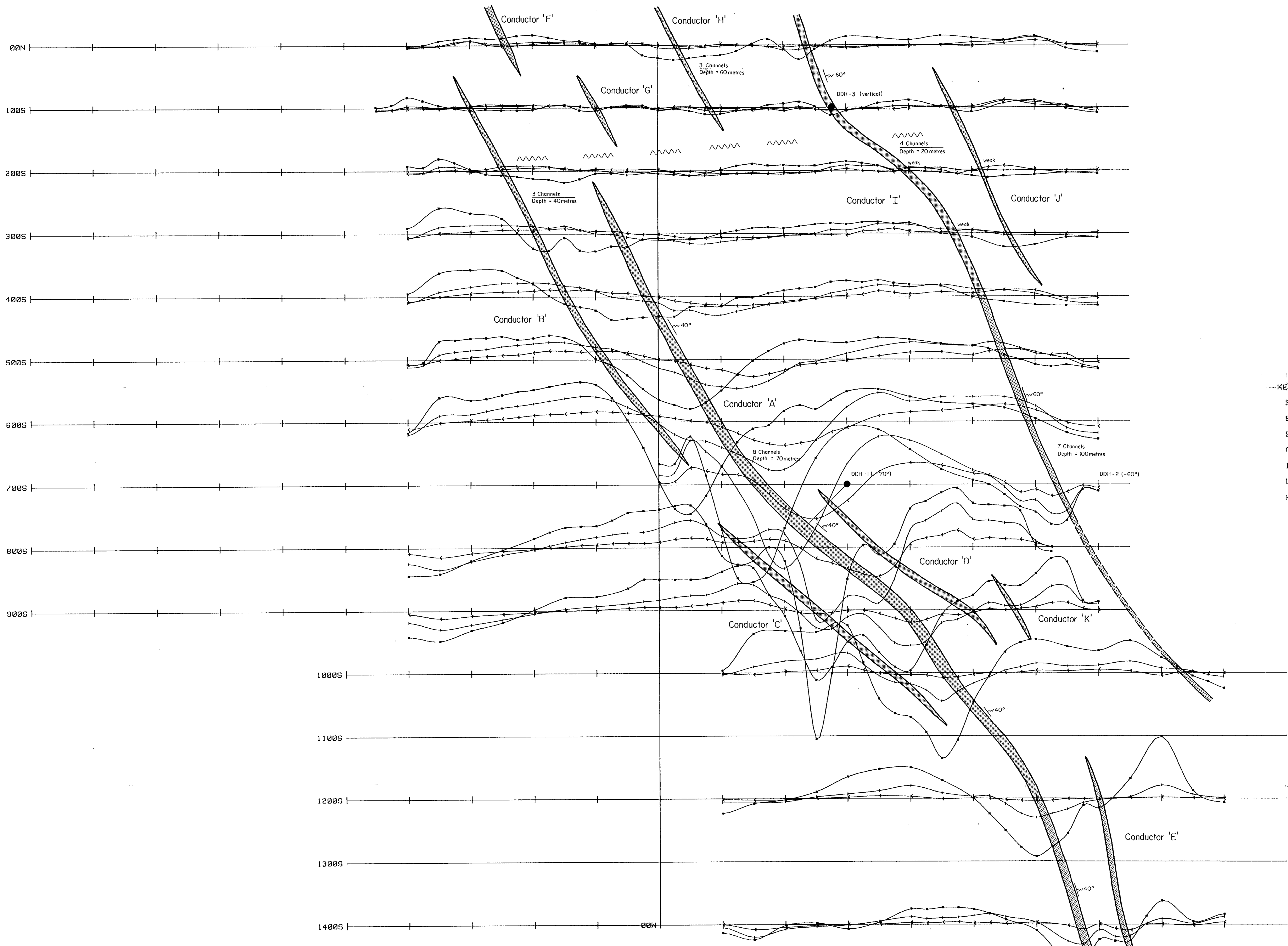
LEGEND
CROWN-GRANTED MINERAL CLAIM
REVERTED OR MINERAL CLAIM
FORFEITED MINERAL CLAIM
VERIFIED LEGAL CORNER POST
LEGAL SURVEY
LEGAL CORNER POST & TAG NUMBER GIVEN



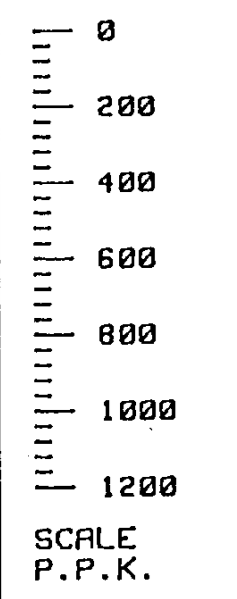
UNLESS VERIFIED OR SURVEYED, THE MAP POSITION OF A LEGAL CORNER POST IS BASED ON THE LOCATOR'S SKETCH. FOR FURTHER INFORMATION, APPLY TO THE OFFICE OF THE MINING DIVISION.
DATE OF MICROFILM: 84.02.02

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources





- KEY
- Sum of Components, Channel Two -
 - Sum of Components, Channel Four -
 - Sum of Components, Channel Six -
 - Conductor axis -
 - Inferred Fault -
 - Diamond Drillhole -
 - Road -



SCALE P.P.K.

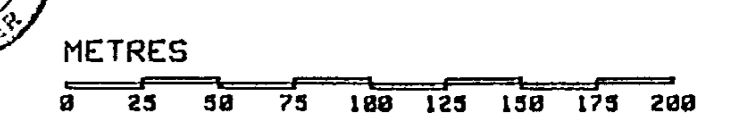
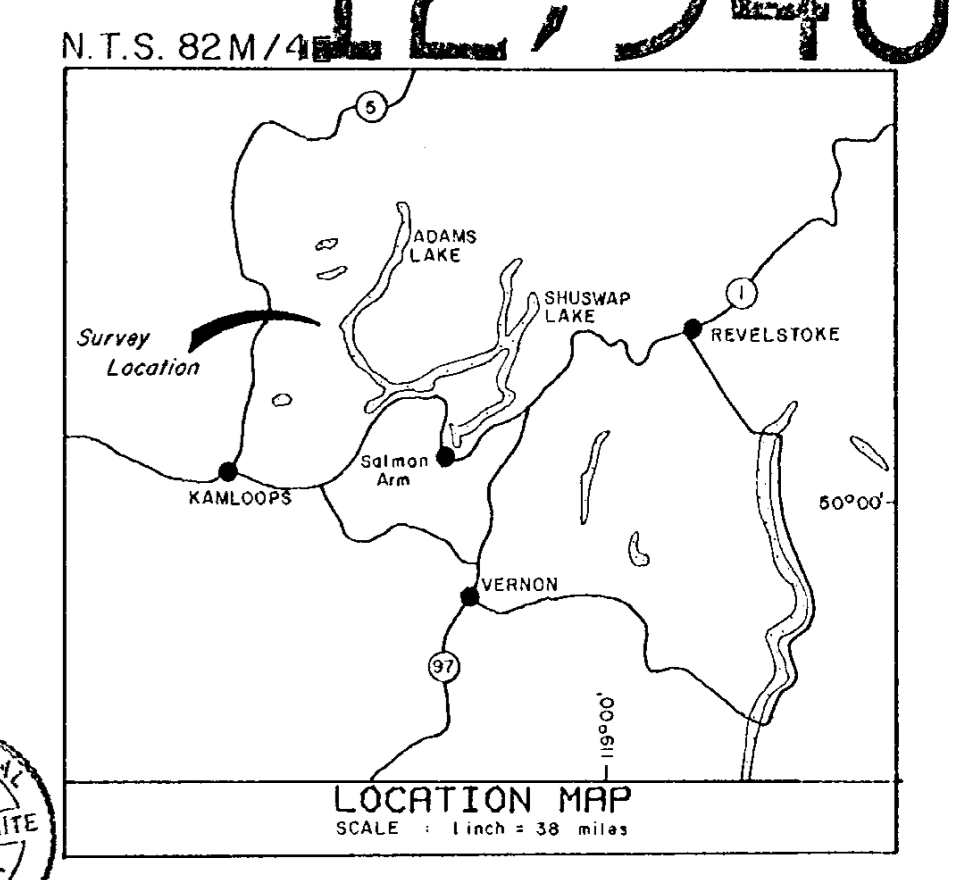
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

INSTRUMENT: CRONE P.E.M.

To accompany Geophysical Report on the KAMAD 7 CLAIMS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,540



O.K. ORE PROCESSING LTD.
KAMAD 7 CLAIMS
COMPOSITE PROFILE MAP
SUM OF COMPONENTS, CHANNEL 2, 4 & 6

DATE: DEC/83

FIG.: 2