

Ground magnetometer and pulse EM surveys were conducted in 1984 in hopes of detecting buried massive sulphide zones. Six conductors were delineated, some with very strong responses. Drilling to date on the main conductor shows probable reserves of 2.7 to 6.4 million tonnes of sub-economic massive sulphide mineralization.

A grid soil sampling program was done on claims KENT 9,10 in 1985. A total of 173 samples were analyzed for Pb, Zn and Ag. A well defined north trending anomalous zone was delineated near the center of the property.

091644

GEOPHYSICAL REPORT
BUTLER MOUNTAIN MINERALS CORPORATION
MAGNETOMETER
AND
PULSE ELECTROMAGNETOMETER SURVEYS
YP, IDAHO, BTF, BLUE CLAIMS AND KENT CLAIMS
RANCHERIA AREA
WATSON LAKE MINING DISTRICT-YUKON
Lat. 60°02'N Long. 130°22'W NTS105/D1



AUTHOR: Glen E. White P.Eng.
Date of Work: July 27 - Aug. 12, 1984
Date of Report: September 10, 1984



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Glen E. White

GEOPHYSICAL CONSULTING & SERVICES LTD.

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This report has been examined by,
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 2,000.00.



Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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INTRODUCTION

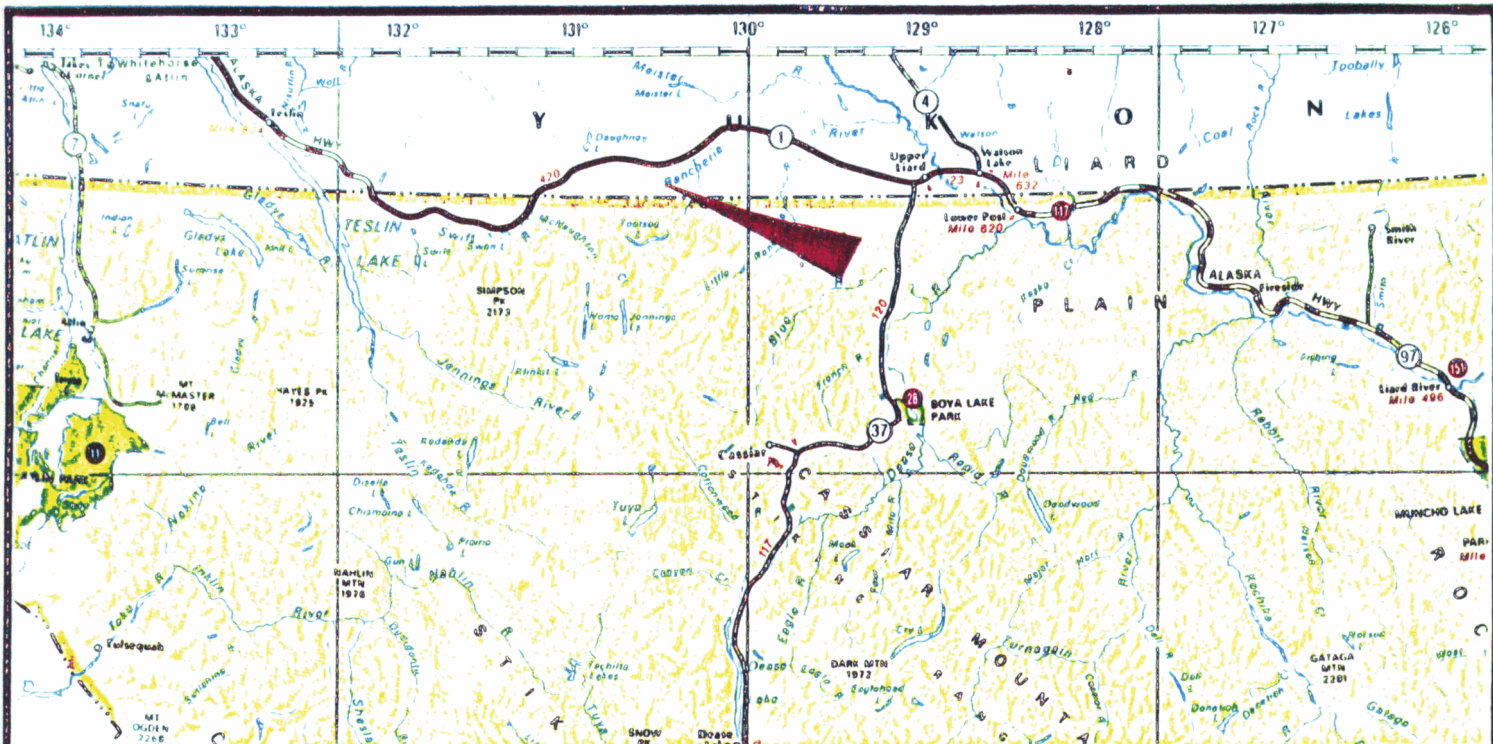
The purpose of the 1984 magnetometer and pulse electromagnetic surveys was to detail the YP grid and conduct reconnaissance geophysical surveys over the IDAHO and BLUE claims which are to the south of the YP survey area.

A considerable quantity of pyrrhotite mineralization is associated with the silver, lead and zinc values. To date the values in the pyrrhotite are sub-economic, however, the volume of massive sulphides presently drilled out indicates a large mineral generating system. Thus the magnetometer survey was undertaken to try and outline the shape and trend of the pyrrhotite. A magnetic deflection of the compass on the GP claims was detected during the 1983 soil sampling program. Since these claims adjoin the BLUE claims some 2 km south of the YP grid the survey was extended southward to try and trace the contact with the Cassiar Batholith and locate any magnetic anomalous zones.

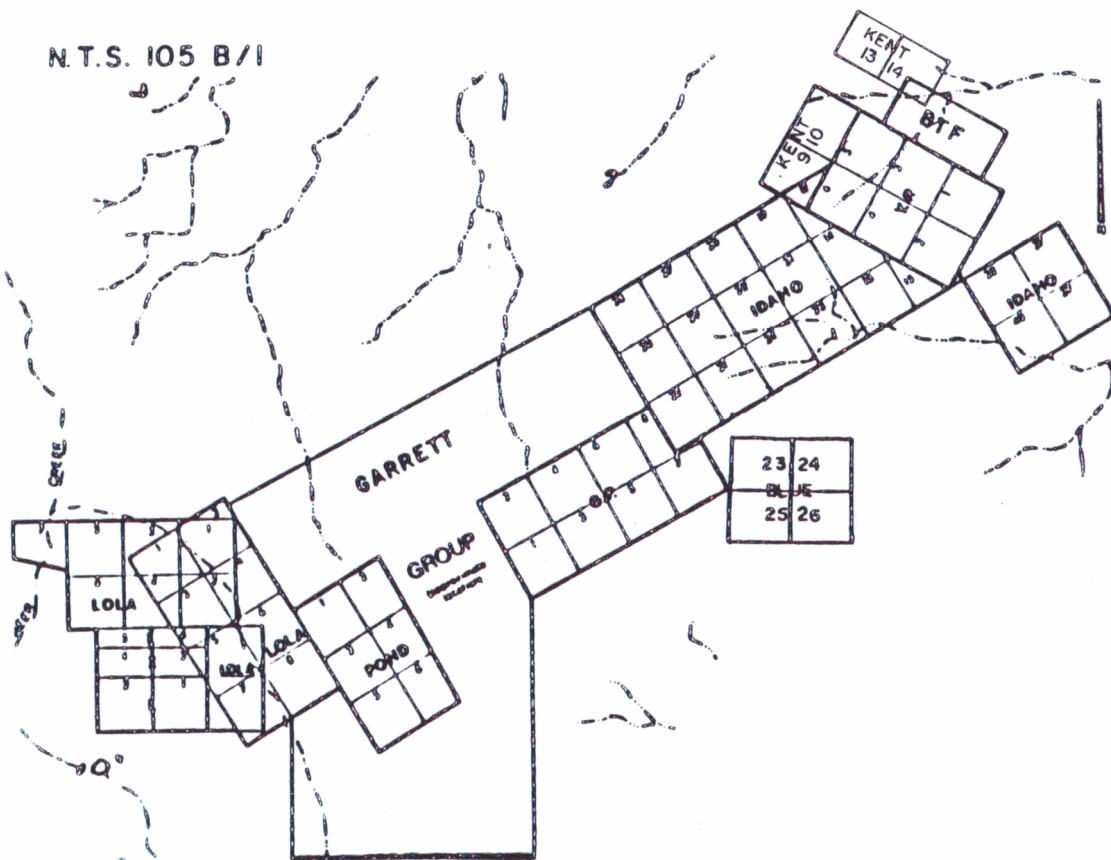
The large loop, more powerful, time domain electromagnetometer system was used to detail the YP grid and extend the survey coverage southward to search for any new conductors.

PROPERTY

The survey area covers the BTF 1,2, YP 1-6, claims, IDAHO 11-16, 19-24, 27-31,37-40, BLUE 23-26 and KENTS 9, 10, 13 and 14 in whole or in part.



N.T.S. 105 B/1



BUTLER MOUNTAIN MINERALS CORP.
 IDAHO, BLUE, BTF, KENT, & YP CLAIMS
 LOCATION AND CLAIMS MAP

Glen E. White
 geophysical consulting
 &
 services, Ltd.

LOCATION AND ACCESS

The survey area is located near mile 703 on the Alaska highway. The gas stop of Rancheria is at mile 706. The turnoff to the YP claims is 110 km from Watson Lake. This road is the Regional Resources Tootsie River road. The Butler Mountain Minerals Corporation turnoff is clearly marked and is some 8 km from the Alaska highway.

GENERAL GEOLOGY

The property is underlain by carbonates of the Cambrian-Atan group which form an anticline and are in contact with the Cassiar Batholith. The carbonates strike northeast and dip 30° - 40° eastward. The YP claims are cut by a strong north-south regional fault which shows as a Landsat linear. In his November 22, 1983, Summary Report 1983 Field Season, Mr. B. Furneaux, Project Manager states;

"The 1983 geological work has drastically altered this simple picture. The west side of the grid contains steeply westerly dipping carbonates. The high grade galena vein appears conformable to the dip. The east side of the grid clearly shows the antiform with both westerly and easterly dips being evident in a thinly banded argillaceous limestone. The significant geological change is that a well defined quartz-eye rhyolite porphyrite or tuff has been mapped which in some instances appears conformable to the bedding. It forms a fragmental zone containing a variable mixture of quartz-eye rhyolite-argillaceous limestone fragments. The question as to whether this is a diatreme or brecciation associated with a deep water porphyrite has yet to be answered. Regardless of the geological model a major sulphide zone has been discovered at a depth of 220m beneath the eastern

most hill on the YP claims. Correlation of the surface geology, geochemistry and diamond drilling suggests two types of mineralization. The near surface mineralization is argentiferous galena which appears to be associated with a carbonate breccia bound by siderite, while the mineralization at depth occurs as massive sulphide mineralization consisting largely of pyrrhotite and sphalerite. This mineral zone appears to be a shallow easterly dipping multilayered zone in an argillite-limestone breccia to banded limestones. Sometimes the host is the quartz-eye porphyry. The upper portion of the mineral zone contains 10 to 14 feet of largely sphalerite-pyrrhotite-arsenopyrite mineralization. Underneath this horizon are other bands up to 10 feet in thickness of largely pyrrhotite with minor sphalerite chalcopyrite which appears as layers. Hole 83-4 contained approximately 120 feet of such mineralization. This zone has been detected by diamond drill holes 83-3 to 6 and appears to be a northward plunging sheet. Minor zones containing visible sphalerite, chalcopyrite, arsenopyrite and galena occur throughout the holes. These cannot be ignored and have been sampled for information purposes."

The 1984 geological mapping and diamond drilling seems to suggest that the mineralization occurs in two formats flat and steeply dipping though multiple phases of deposition may have occurred. The breccias would appear to be steeply dipping diatreme breccias associated with the quartz-eye porphyry. It would appear that hydraulic fracturing of the limestone-argillite sequences allowed hydro thermal solutions to permeate the bedding planes and thus give a pseudo-bedding appearance showing shallow easterly dips. This would explain the presence of brecciated

sulphides and rock particles along the bedding planes as there would be multiple phases of hydraulic fracturing. It would appear that the arsenopyrite and the argentiferous galena are associated with the more steeply dipping breccias and hydrothermally altered fault zones, possibly a later phase of mineralization.

MAGNETOMETER SURVEY

The magnetometer survey was carried out utilizing two GSM-8 proton precession magnetometers. One of these was operated in conjunction with a CMG MR-10 base magnetometer recorder to allow diurnal and micropulsation variation removal. Operator precautions of demagnetization and consistency were observed and field clock to base magnetometer timing skew was maintained within one second per day. Corrected, unfiltered data are plotted on each of the base maps.

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.

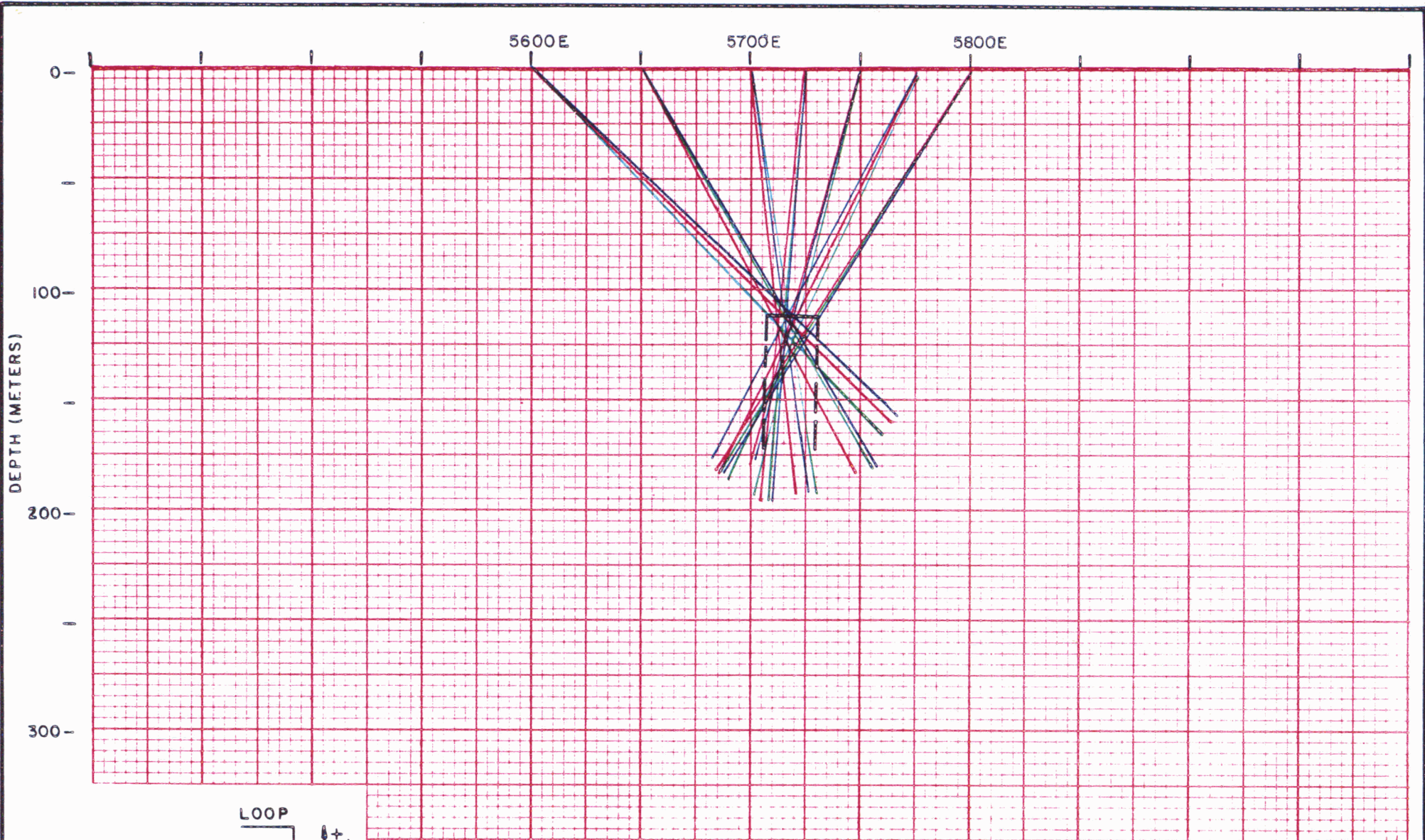
The apparent primary field information is recorded at each occupied station. Normalization of the data with respect to instrument gain produces a constant gain plot. In this format a vertical plate-like conductor anomaly would be symmetric. Normalization with respect to the apparent primary field at 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.

DISCUSSION OF RESULTS

The magnetic intensity map Figure 2A YP grid shows several interesting features. First on a broad basis there is a definite deeply buried northwest trending magnetic zone as defined by the 500 gamma contours. The six hundred and seven hundred contours isolate a deep anomaly centered around 100E on lines 0 and 100N. Figure 2E, line 100S shows this response in profile form exceptionally well. A smaller deep anomaly occurs around 500W - 500N and a shallower one trends northward off the grid at 375W - 900N. The detailed pulse electromagnetometer data, Figure 2B, shows a number of new conductors several of which trend northwestward rather than north-south. Conductor A outlines the discovery conductor. This conductor continues southward past the strong magnetic responses and may possibly grade into more pyrite and hopefully minerals of economic interest. Conductor B is close to a vertical hole drilled in 1983 and has to be retested. It is independent of magnetic signature similar to conductor C and could be caused by sulphide mineralization, graphite or a major fault zone. Conductor D is a good, two line response at a depth of 50-75m. It may possibly be a continuation of Conductor C. The major regional structure is projected as passing through this area.

Conductors E and F follow the magnetic pattern and correlate with anomalous geochemical values of silver, lead and zinc. G shows a good multiple response on line 100N. Conductor H is associated with high lead geochemical values and trends towards a high grade pit where a narrow vein of argentiferous galena occurs. Conductors I, J and K are weak, short length responses though K shows a magnetic high and is likely associated with pyrrhotite.



CHANNEL 1
 CHANNEL 2
 CHANNEL 3
 CHANNEL 4

BUTLER MOUNTAIN MINERALS CORP.
 BLUE GRID
 PULSE ELECTROMAGNETOMETER
 -VECTOR SECTION-
 LINE 1400N - LOOP '4'

CHANNEL 5
 CHANNEL 6
 CHANNEL 7
 CHANNEL 8

Glen & White
 geophysical consulting
 3111 11d

1 cm = 25 Meters

DATE: SEPT./84
 -INSTRUMENT: CRONE P.E.M. - PLATE 1

Figure 2D shows the conductor trends from the YP grid to the BLUE claims. It can be readily seen that the strong discovery conductor A is dwarfed by a major conductor on the south of the survey grid. This major conductor gives a weak channel 2 response into the area of Conductor H associated with high grade argentiferous galena mineralization. This conductor is interesting in that it is definitely steeply dipping while all the argillite limestones mapped to date are dipping 30° - 40° eastward. If this conductor is due to graphite it would suggest a change in the attitude of the lithology. The magnetic intensity map Figure 2C shows that this conductor occupies a magnetic low though a number of high frequencies responses trend with it as can be seen on Figure 2E. This would suggest minor pyrrhotite mineralization. Thus this conductor may possibly be caused by graphite and/or sulphide mineralization. Plate 1 shows a specific Vector focus on line 1400 at 5730E at a depth of 125m.

The magnetic data shows a general north-south trend of values greater than 500 gammas along the western edge of the grid. Geologically this correlates with the Cassiar Batholith. The broad magnetic high on the YP claims appears to terminate to the southeast though several high values were detected on the eastern edge of the grid on lines 2500N and 2600N. The magnetic response on the YP claims does not reflect the quartz-eye porphyry intrusives but likely reflects the pattern of deposition of the pyrrhotite mineralization in the limestone-argillite rocks.

Figures 2F and 2G show the magnetic data recorded over the IDAHO 37-40 mineral claims. Several responses of less than 100 gammas were obtained as can be seen on the profile map Figure 2G.

CONCLUSION

The ground magnetometer and pulse electromagnetometer surveys have significantly extended the favourable search area from the single discovery conductor in the 1983 season to a zone of conductors over 3 km long and open to the north and south. Four moderate conductors extend northward off of the survey area and to the south a dramatically strong conductor extends southward off of the area of coverage. This conductor gives very strong values over a strike length of 1.2 km. It occurs in a magnetic low yet gives definite narrow magnetic highs which suggest banded pyrrhotite mineralization. This conductor is a high priority diamond drill target.

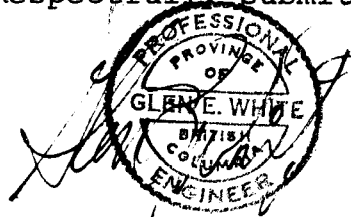
Two of the moderate conductors on the YP claims follow the northwest broad magnetic high while the other two trend north-south and may possibly relate to mineralization along a major fault system; These conductors should be drilled. Conductor A, the discovery zone, continues as far as 500S and should be tested for a change in its mineral content southward off of the magnetic high.

In conclusion then, the 1984 geophysical work has greatly expanded the exploration potential of the YP project with the delineation of six new conductors. The diamond drilling to date on the A Conductor has consisted of in-fill drilling and extended the zone to a strike length of 400m. This drilling is substantiating the 1983 program which suggested 3 to 7 million tons of massive sulphide mineralization containing sub-economic values of silver, gold, lead, zinc and copper. The volume of sulphide mineralization being detected is an important consideration in that it appears that the mineral depositional system has deposited a large volume of mineral and not an isolated pod. Thus if mineral differentiation occurs in this deposit as in other massive sulphide targets the YP project holds excellent exploration potential for an economic mineral zone.

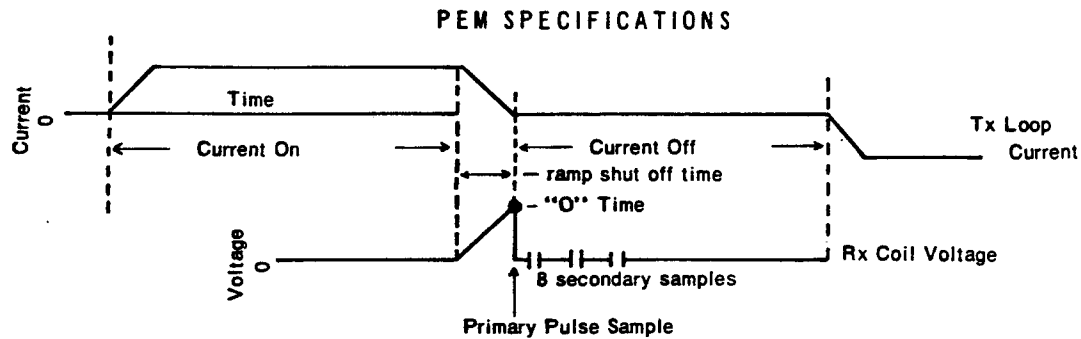
RECOMMENDATIONS

It is recommended that the new conductors be tested by diamond drilling and that further geophysical work commence at the beginning of the exploration season to extend the exploration search northward and southward. A budget should be prepared for immediate anomaly followup since both areas to the north and south are geologically favourable and likely to produce additional diamond drill targets.

Respectfully submitted,



Glen E. White P.Eng.



Current Off time: 9.4 ms

Current on time: 10.8 ms

Current shut off (ramp) time: 1.4 ms

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

Sample width: 100 μ s

Zero time set at drop off point of primary pulse

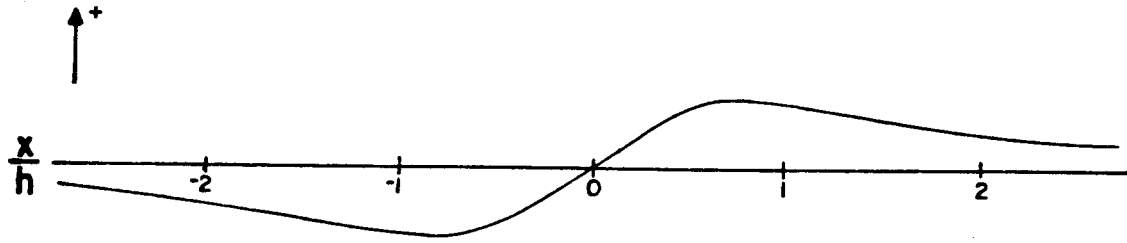
TRANSMITTER — Transmitter power and loop size may be increased to obtain increased penetration. Weight, portability and power capabilities of the control instrument are the limiting factors. The standard transmitter is designed to be carried by two men.

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

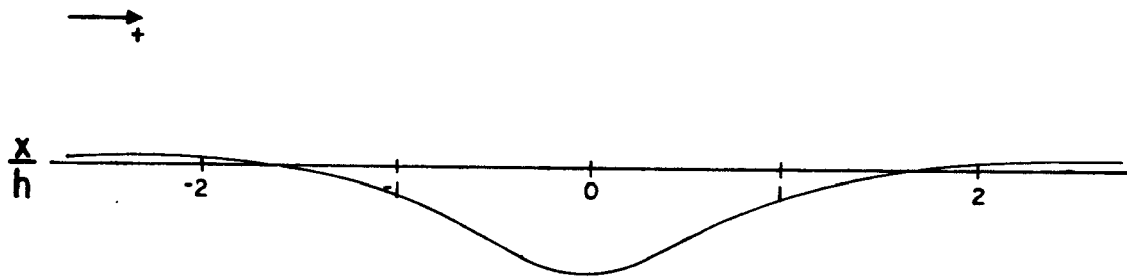
RECEIVER

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

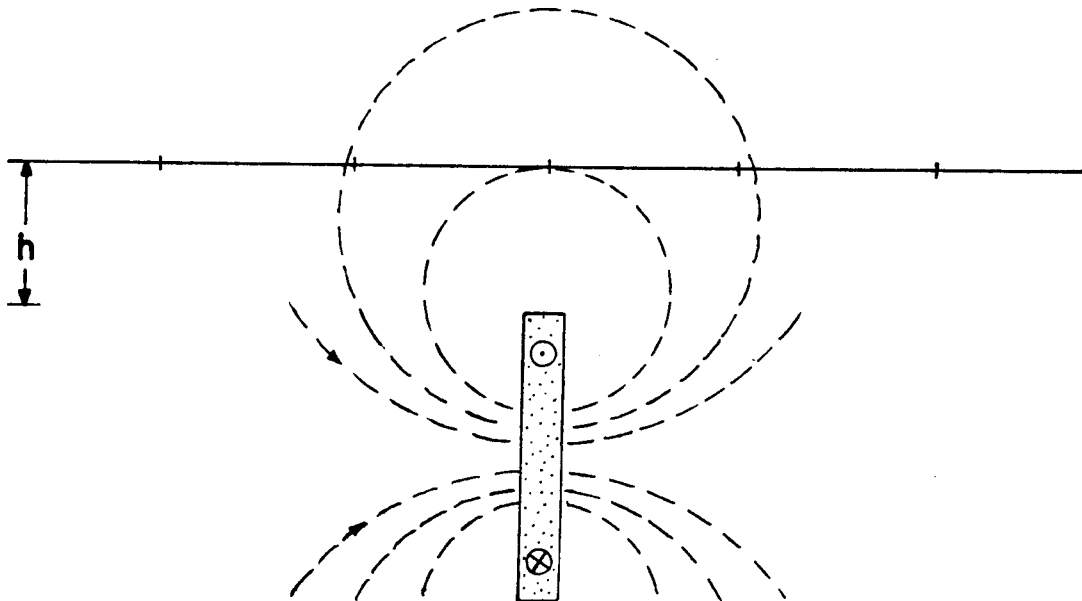
VERTICAL COMPONENT



HORIZONTAL COMPONENT

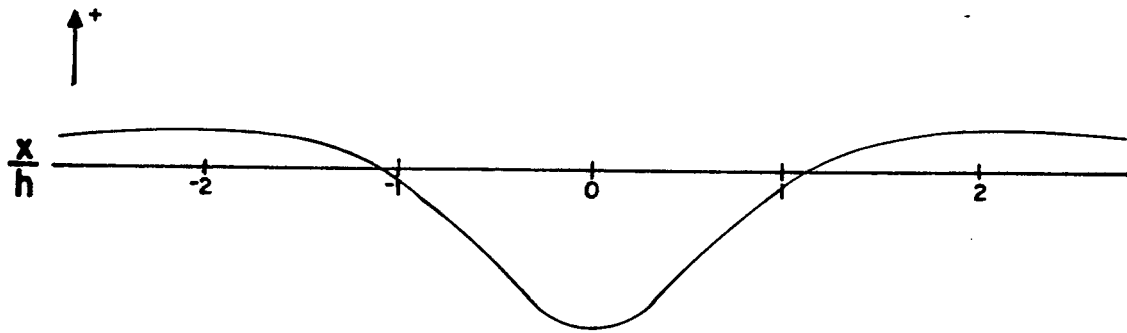


VPEM ANOMALY SHAPE

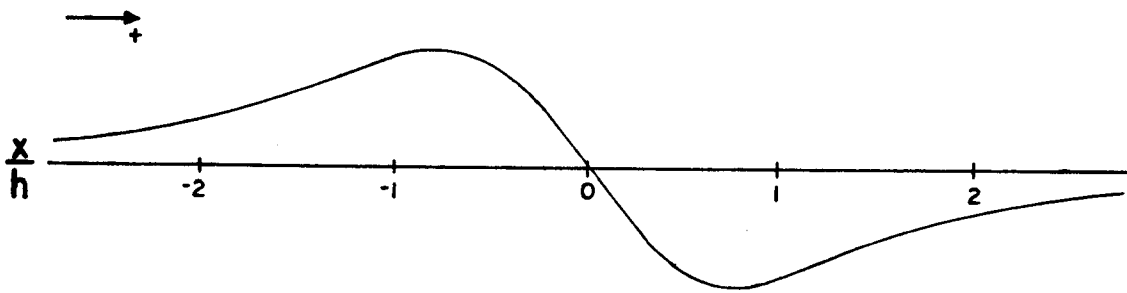


STEELY DIPPING TABULAR BODY

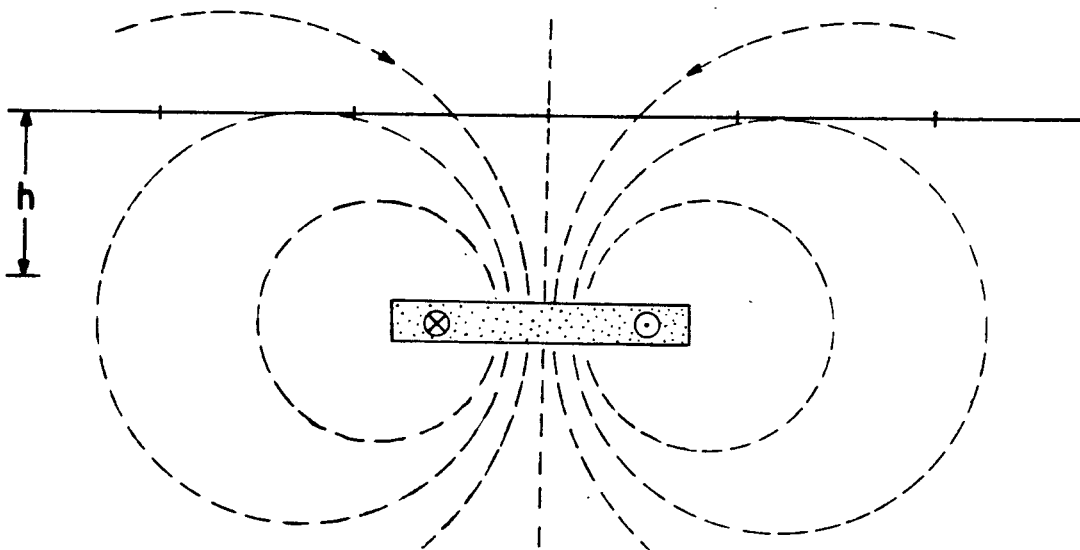
VERTICAL COMPONENT



HORIZONTAL COMPONENT

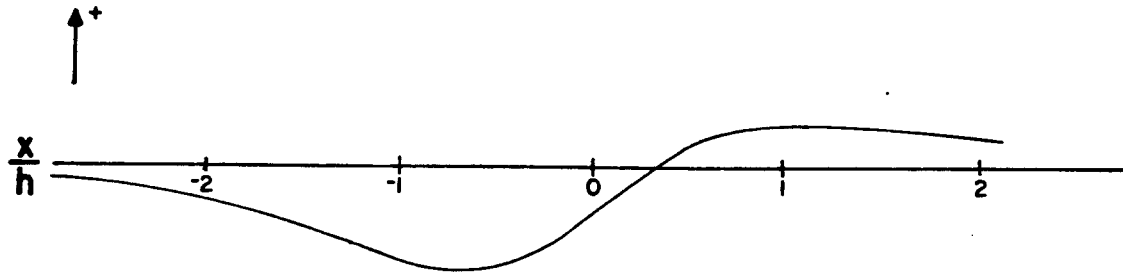


VPEM ANOMALY SHAPE

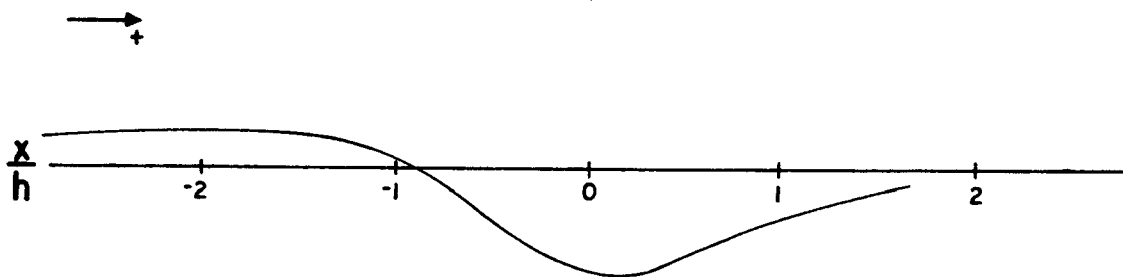


FLAT LYING TABULAR BODY

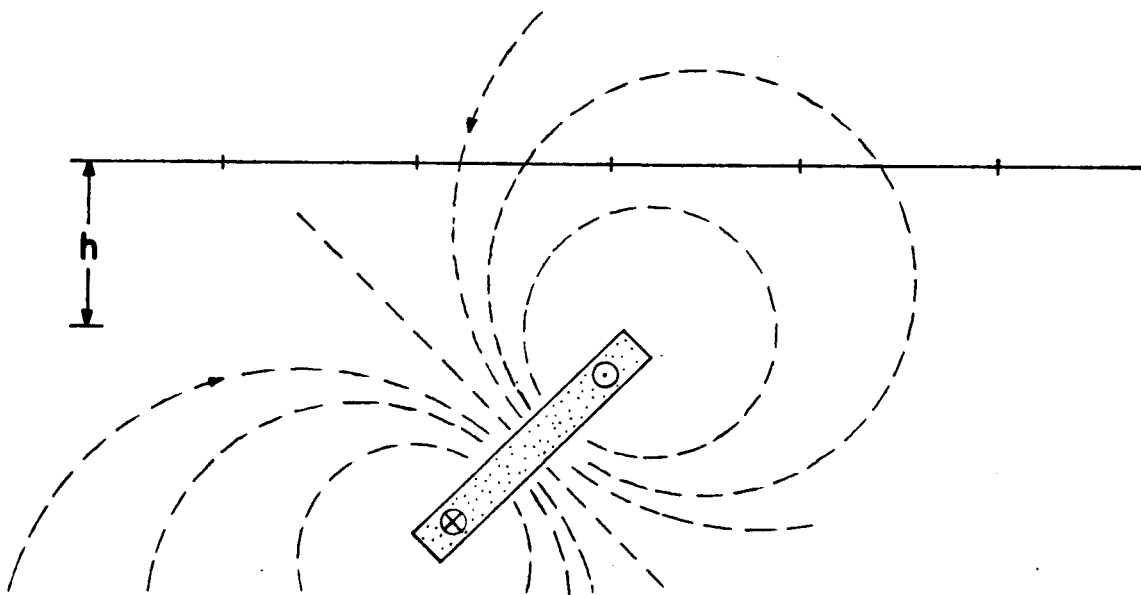
VERTICAL COMPONENT



HORIZONTAL COMPONENT



VPEM ANOMALY SHAPE



INCLINED TABULAR BODY

STATEMENT OF QUALIFICATIONS

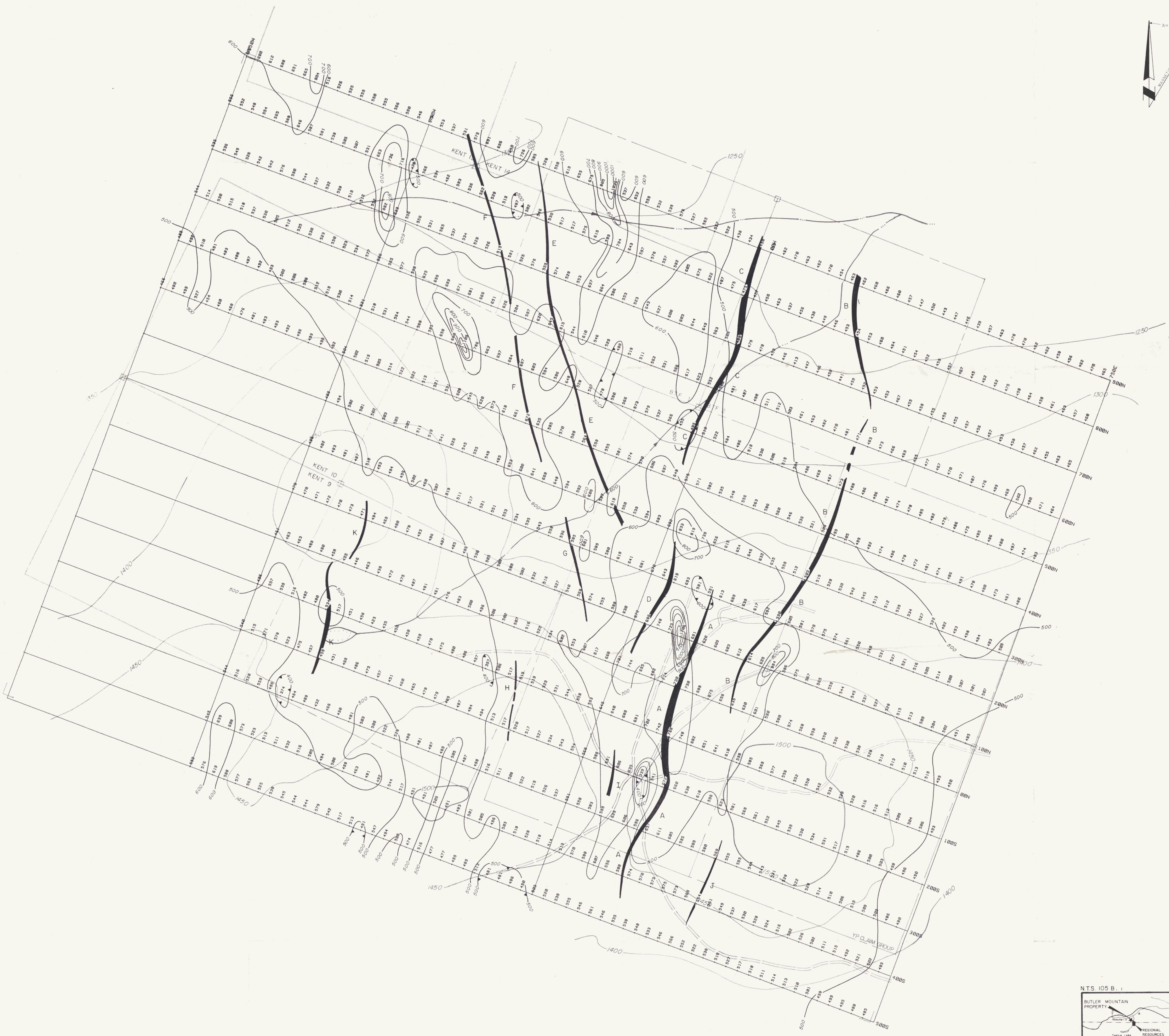
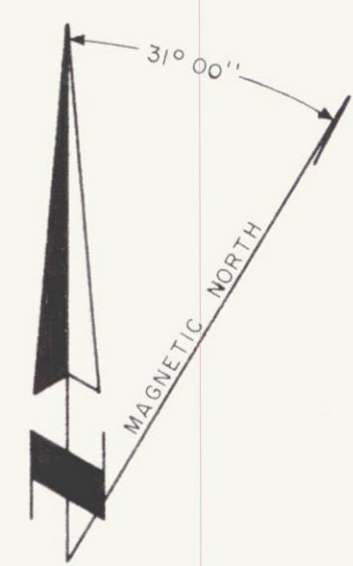
NAME: WHITE, Glen E., P.Eng.

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.



KEY

Base Level: 58000 gammas

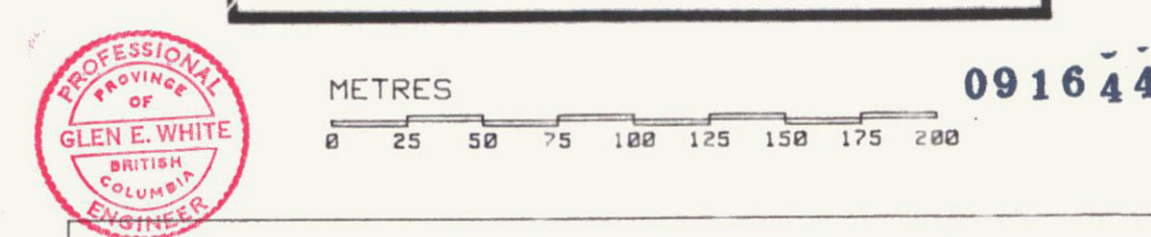
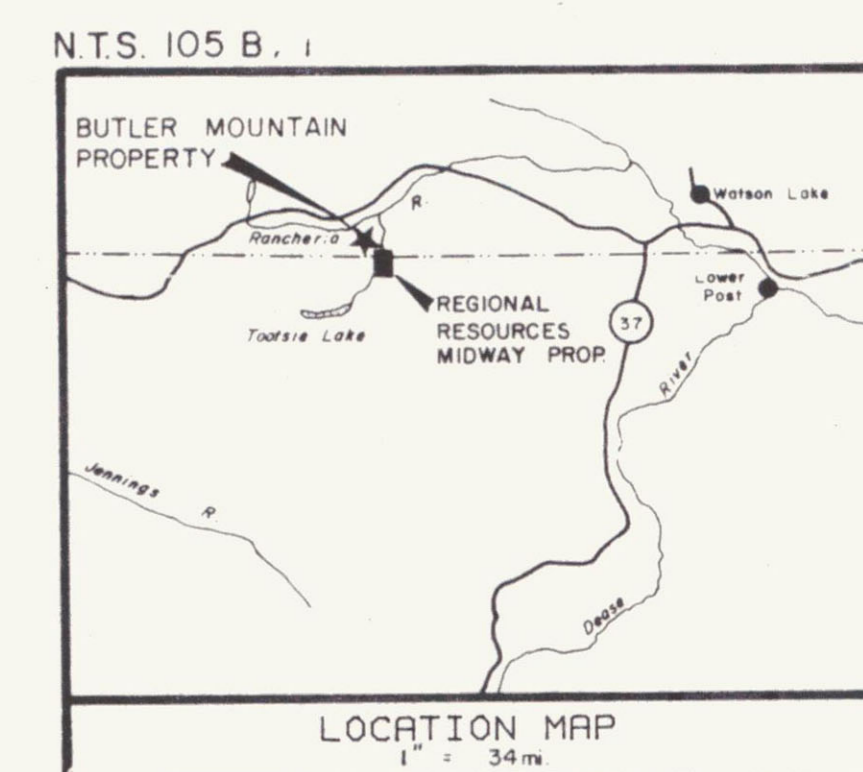
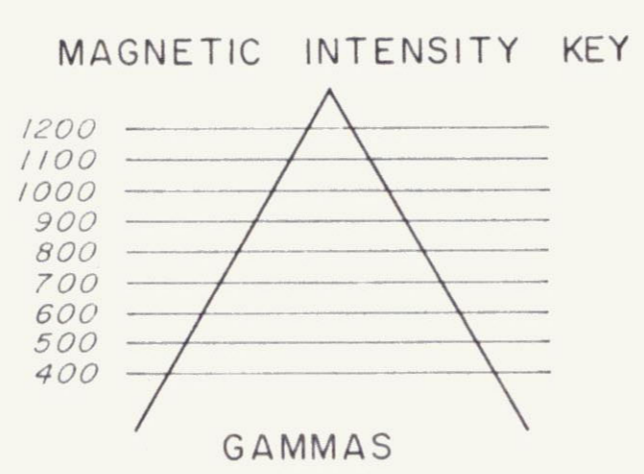
Data corrected for diurnal variations

Claim Post: □

Camp: △

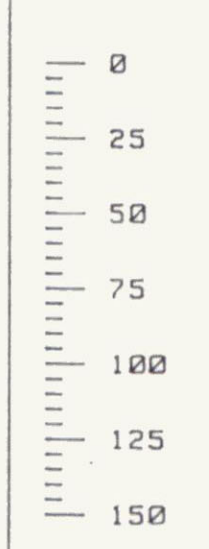
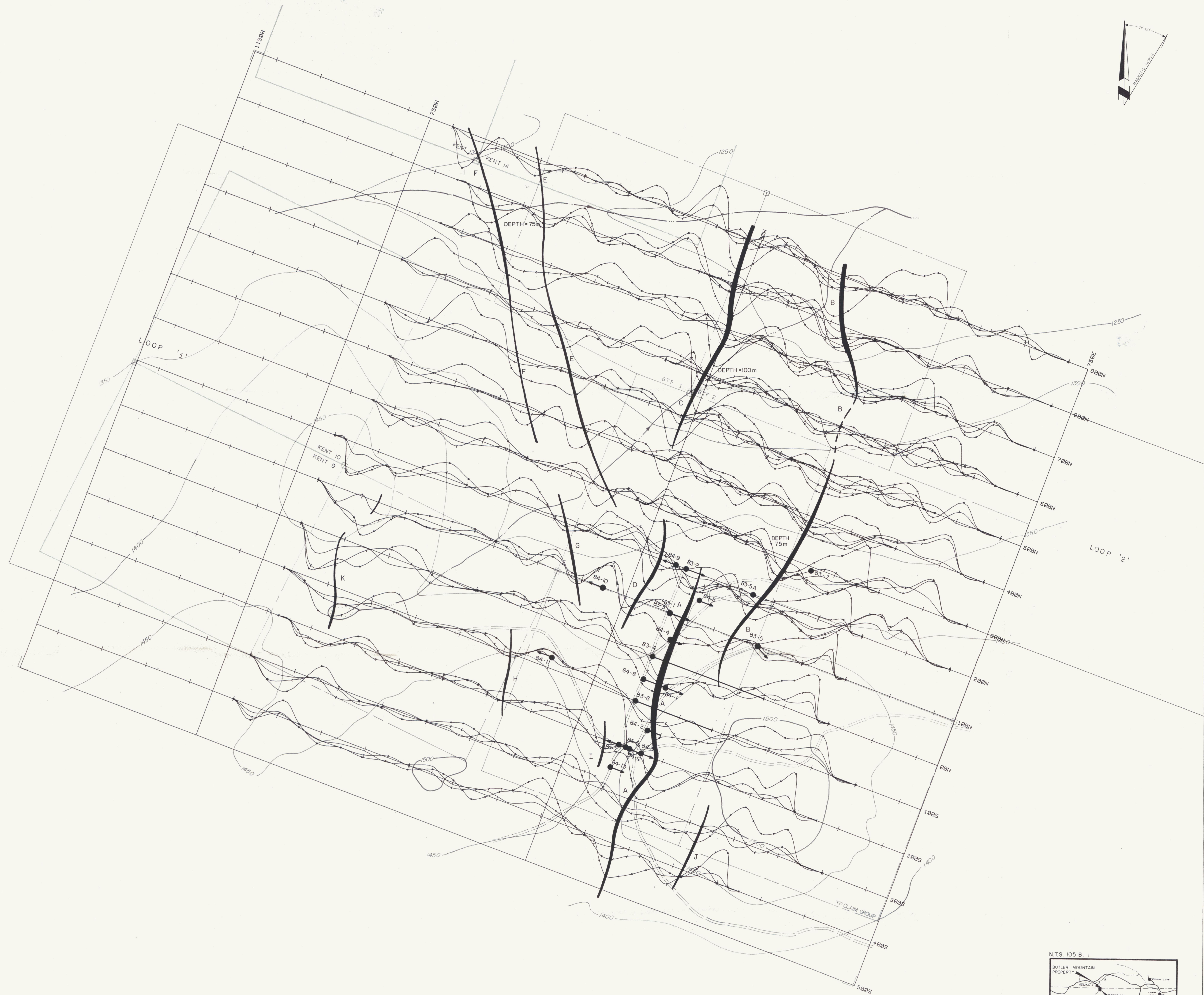
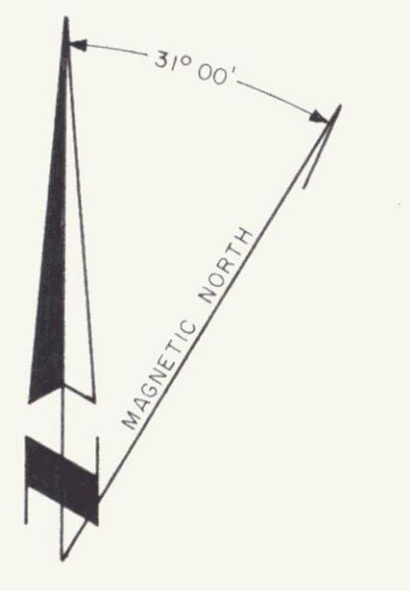
Road: ———

Diamond Drill Hole: ●

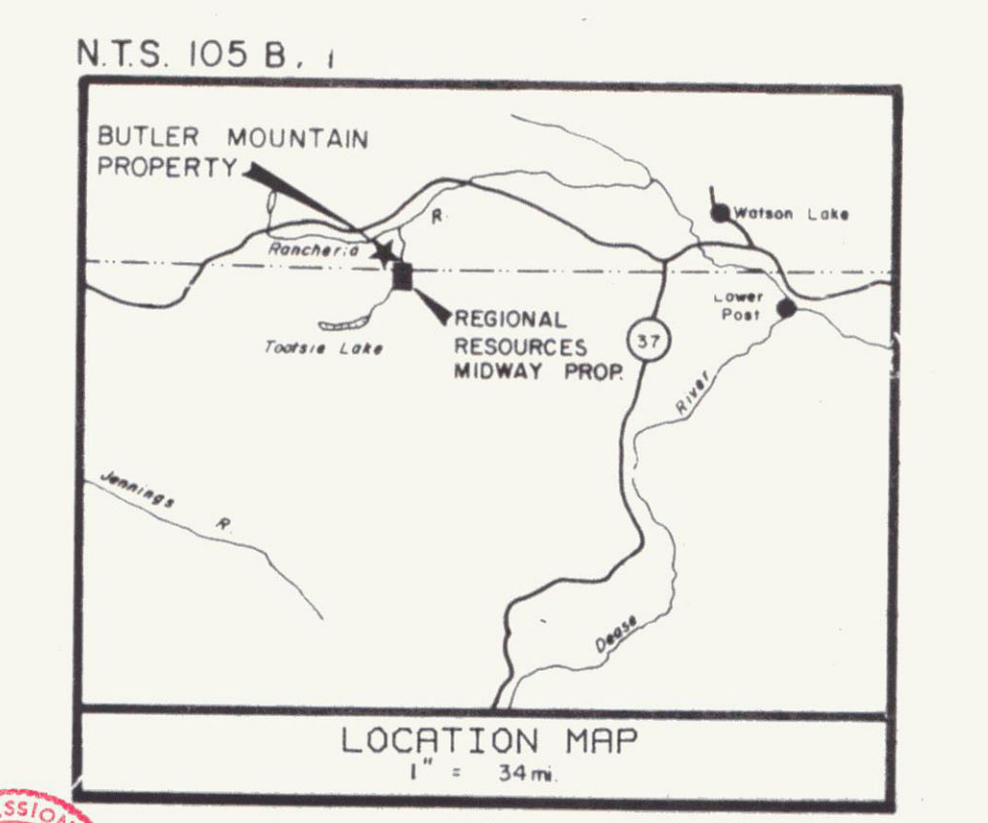


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
MAGNETIC FIELD INTENSITY CONTOUR MAP
TOTAL MAGNETIC FIELD (gammas)

DATE: AUG/84 FIG.: 2A



- KEY
- Filtered Vertical Component, Channel Two
 - Filtered Vertical Component, Channel Four
 - Filtered Vertical Component, Channel Six
 - Conductor axis:
 - Claim Post:
 - Camp
 - Road
 - Diamond Drill Hole

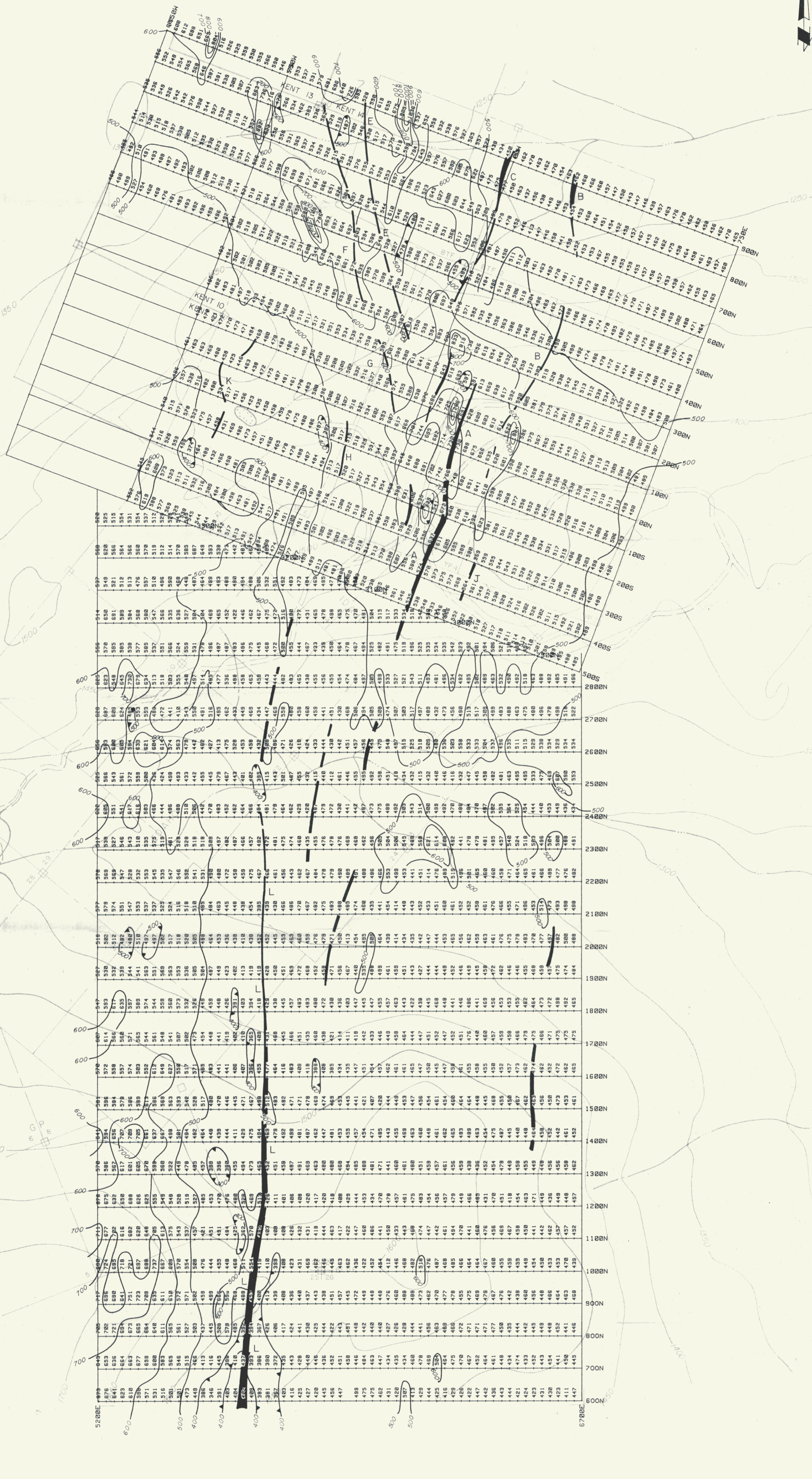
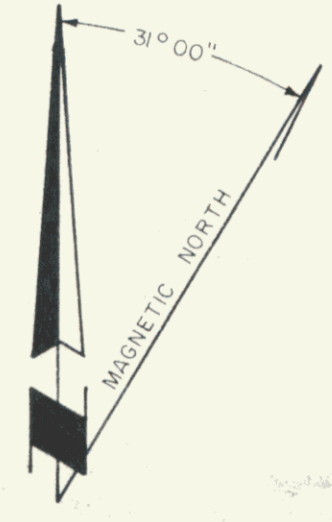


BUTLER MTN. MINERALS CORP.
 YP CLAIMS PROJECT
 COMPOSITE PROFILE MAP
 FILTERED VERTICAL COMPONENT, CHANNELS 2, 4 & 6
 DATE: AUG/84 FIG.: 2B

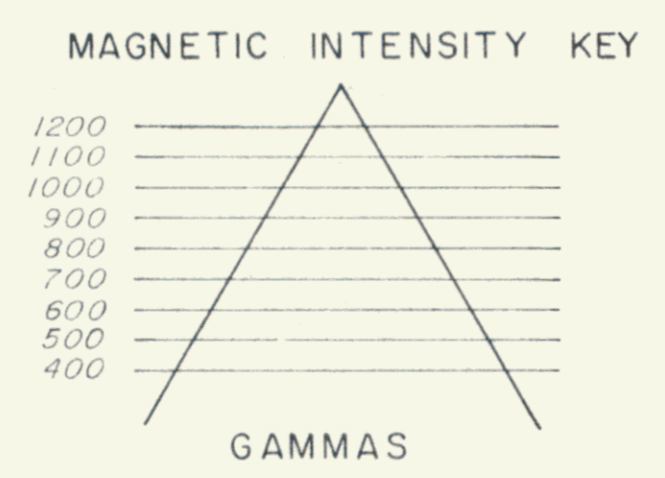
GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

INSTRUMENT: CRONE P.E.M.

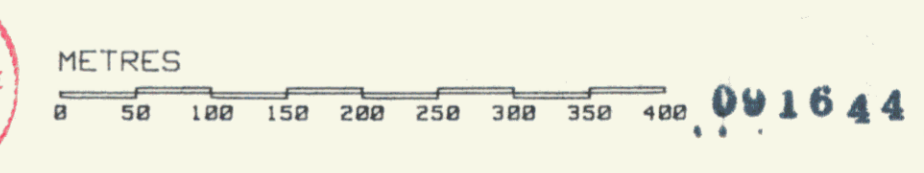
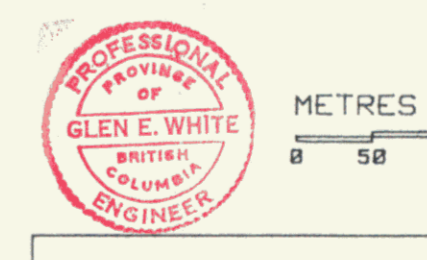
To accompany Geophysical Report on the YP CLAIMS PROJECT



- KEY**
- Base Level: 58000 gammas
 - Data corrected for diurnal variations
 - Claim Post: □
 - Camp: ⚡
 - Road: ———
 - Diamond Drill Hole: ●



LOCATION MAP



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

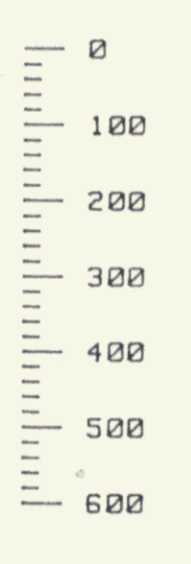
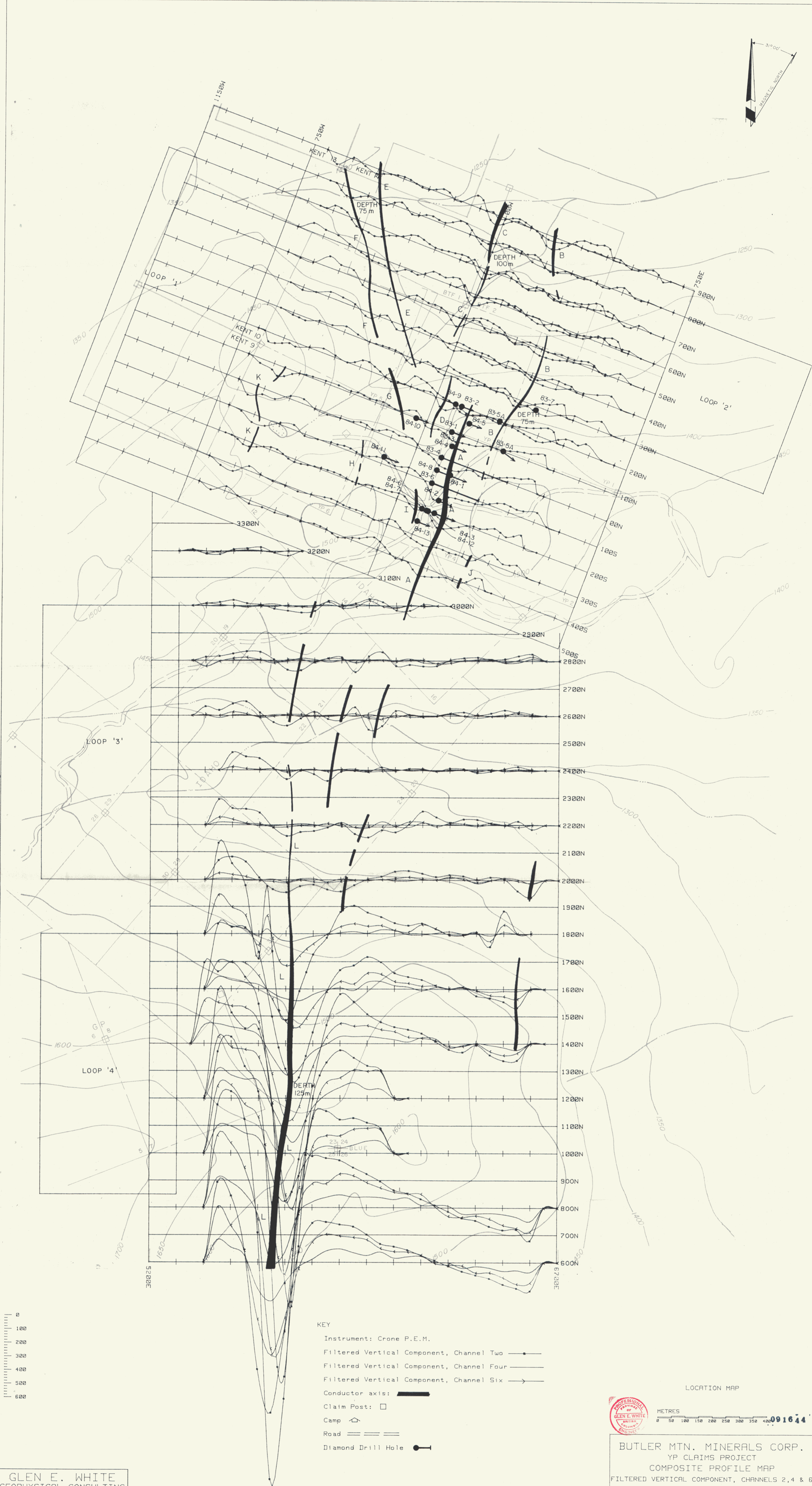
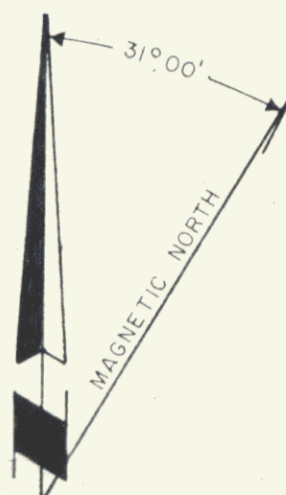
INSTRUMENT: GSM-8 PROTON PRECESSION MAGNETOMETER

To accompany Geophysical Report on the YP CLAIMS PROJECT

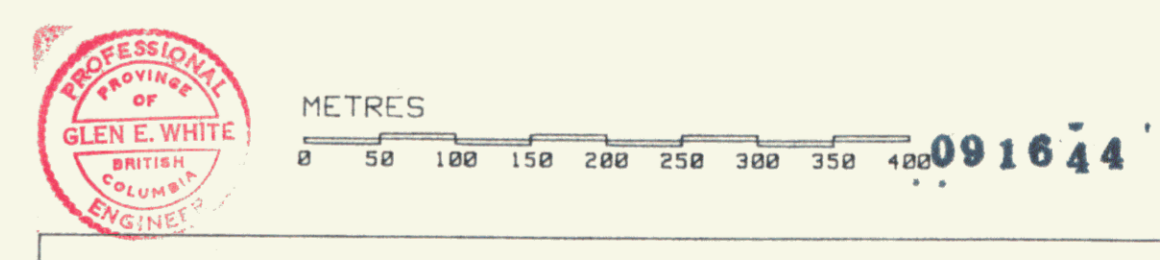
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
MAGNETIC FIELD INTENSITY CONTOUR MAP
TOTAL MAGNETIC FIELD (gammas)

DATE: AUG/84

FIG.: 2C



- KEY
- Instrument: Crone P.E.M.
 - Filtered Vertical Component, Channel Two —●—
 - Filtered Vertical Component, Channel Four —○—
 - Filtered Vertical Component, Channel Six —△—
 - Conductor axis: —█—
 - Claim Post: □
 - Camp: ⚡
 - Road: —||—
 - Diamond Drill Hole: ●



LOCATION MAP

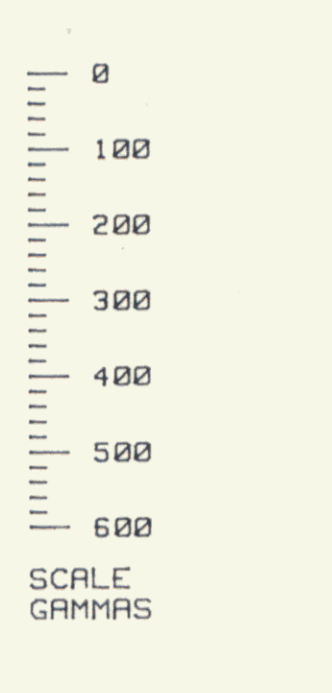
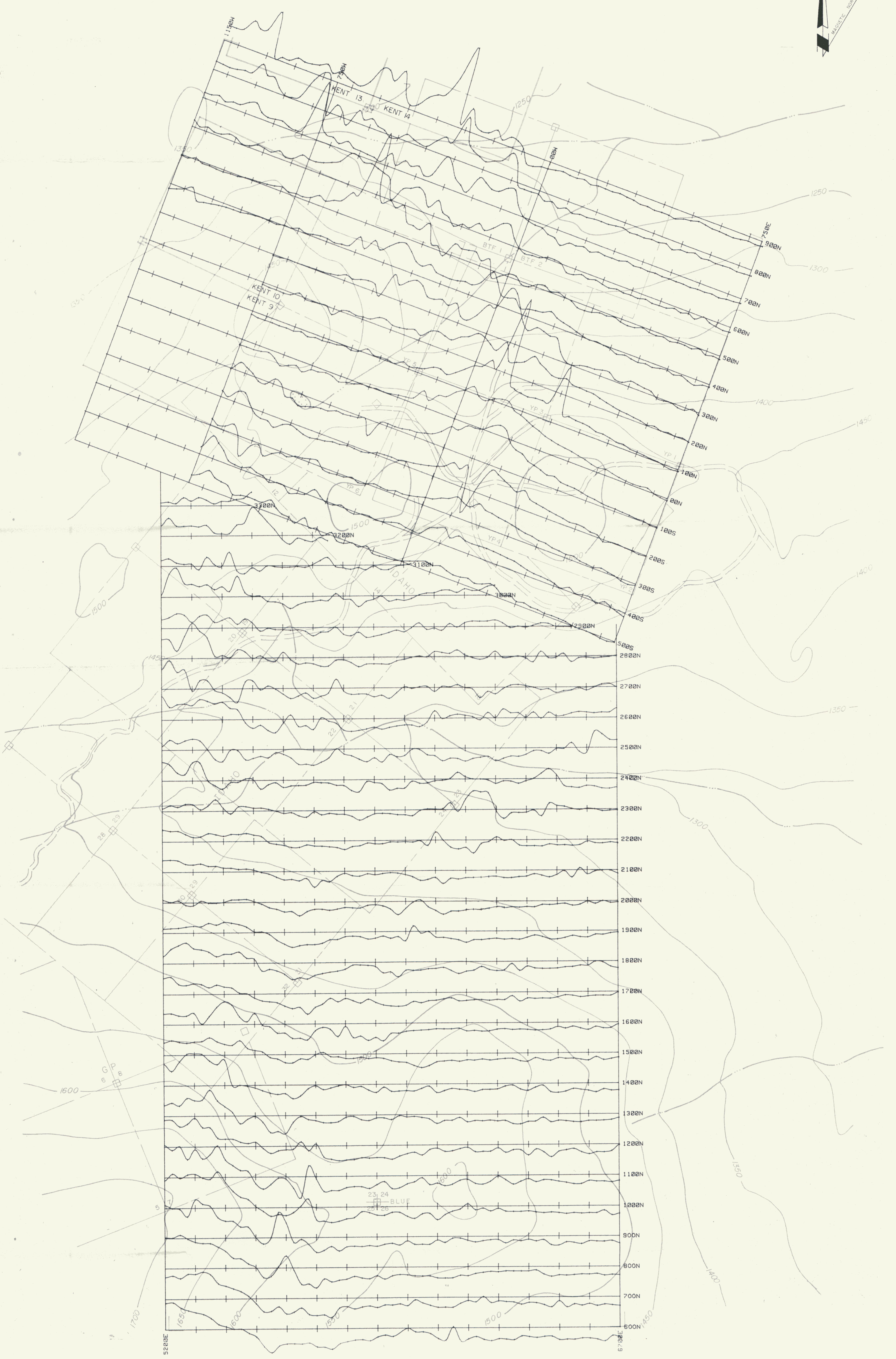
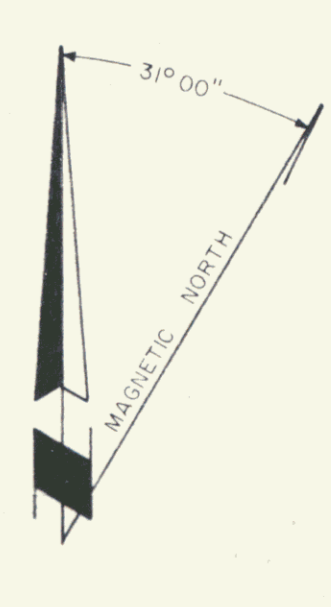
BUTLER MTN. MINERALS CORP.
 YP CLAIMS PROJECT
 COMPOSITE PROFILE MAP
 FILTERED VERTICAL COMPONENT, CHANNELS 2, 4 & 6

GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

To accompany Geophysical Report on the YP CLAIMS PROJECT

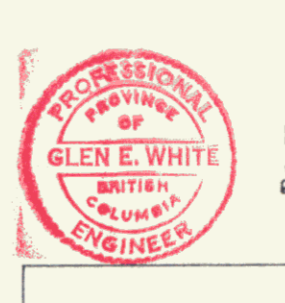
DATE: AUG/84

FIG.: 2D



KEY

- Base Level: 58500 gammas
- Data corrected for diurnal variations
- Claim Post: □
- Camp: ⛞
- Road: ———
- Diamond Drill Hole: ●



LOCATION MAP

METRES

0 50 100 150 200 250 300 350 400

091644

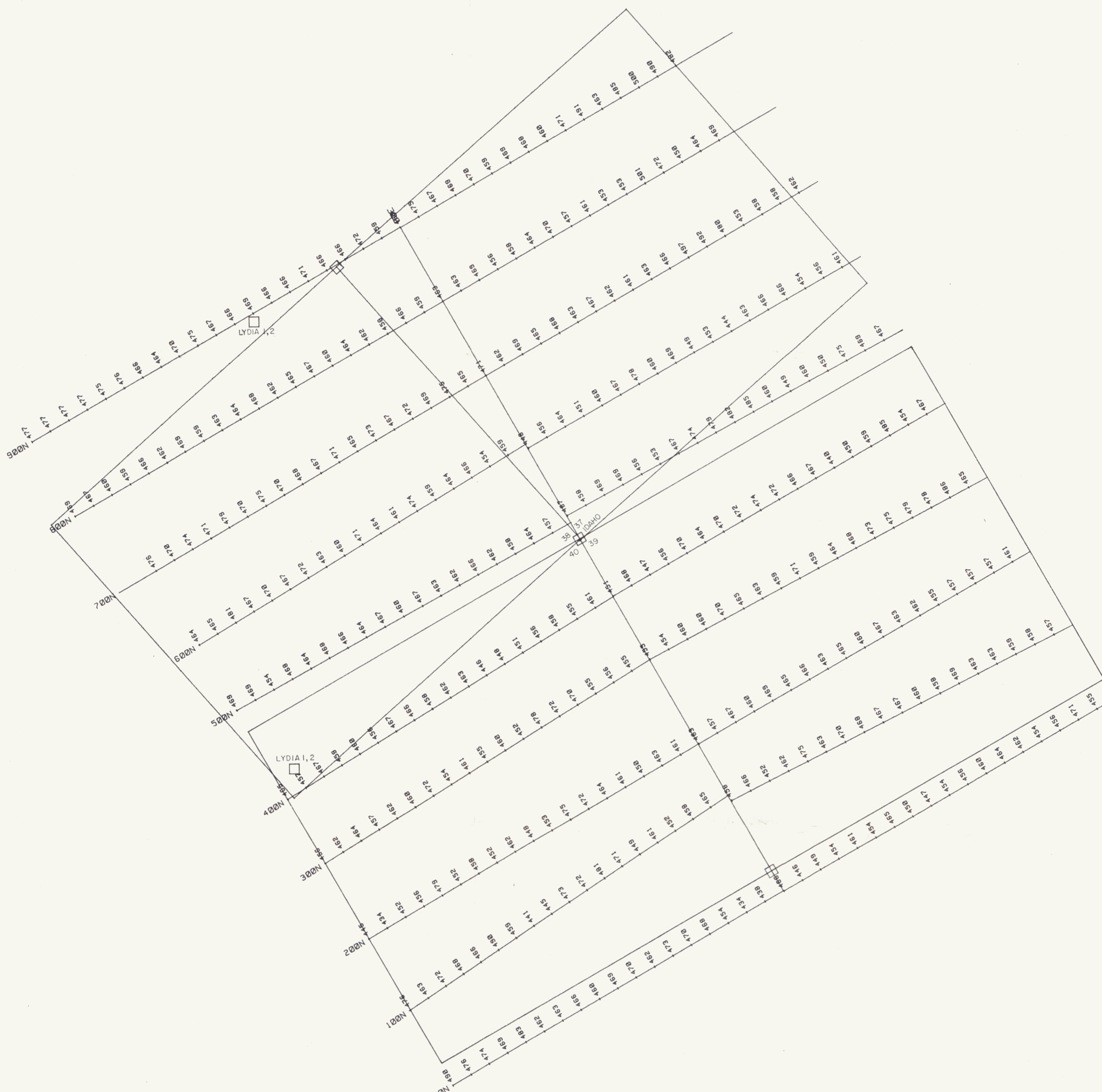
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

INSTRUMENT: GSM-8 PROTON PRECESSION MAGNETOMETER

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
MAGNETIC FIELD INTENSITY PROFILE MAP
TOTAL MAGNETIC FIELD (gammas)

DATE: AUG/84 FIG.: 2E

To accompany Geophysical Report on the YP CLAIMS PROJECT



KEY

Base Level: 58000 gammas

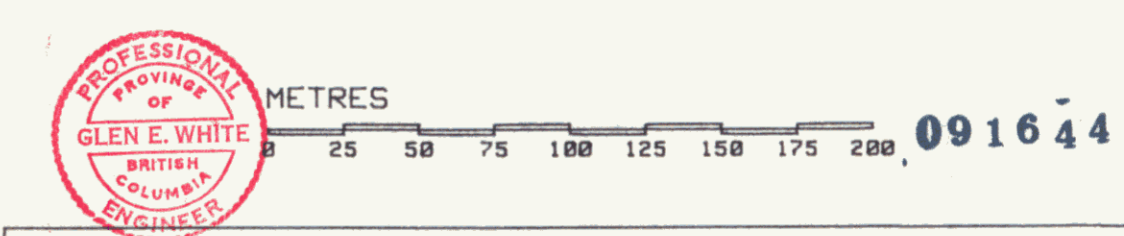
Data corrected for diurnal variations

Claim Post: □

Camp:

Road:

LOCATION MAP



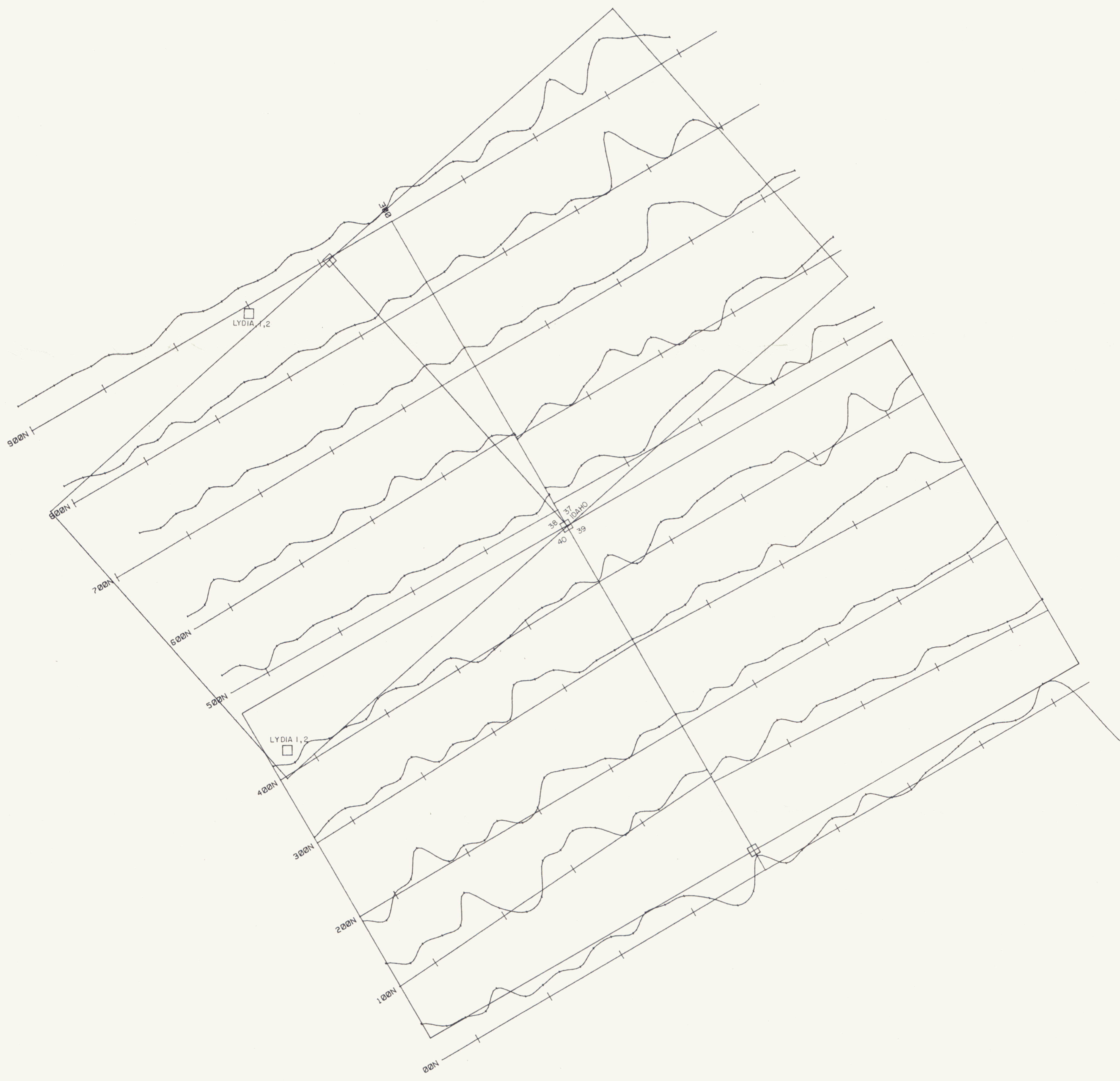
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

INSTRUMENT: GSM-8 PROTON PRECESSION MAGNETOMETER

To accompany Geophysical Report on the SUN VALLEY GRID

BUTLER MTN. MINERALS CORP.
SUN VALLEY GRID
MAGNETIC FIELD INTENSITY CONTOUR MAP
TOTAL MAGNETIC FIELD (gammas)

DATE: AUG/84 FIG.: 2F



KEY

Base Level: 58450 gammas

Data corrected for diurnal variations

Claim Post: □

Camp

Road

0
20
40
60
80
100
120
SCALE
GAMMAS

LOCATION MAP



METRES 0 25 50 75 100 125 150 175 200 091644

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

INSTRUMENT: GSM-8 PROTON PRECESSION MAGNETOMETER

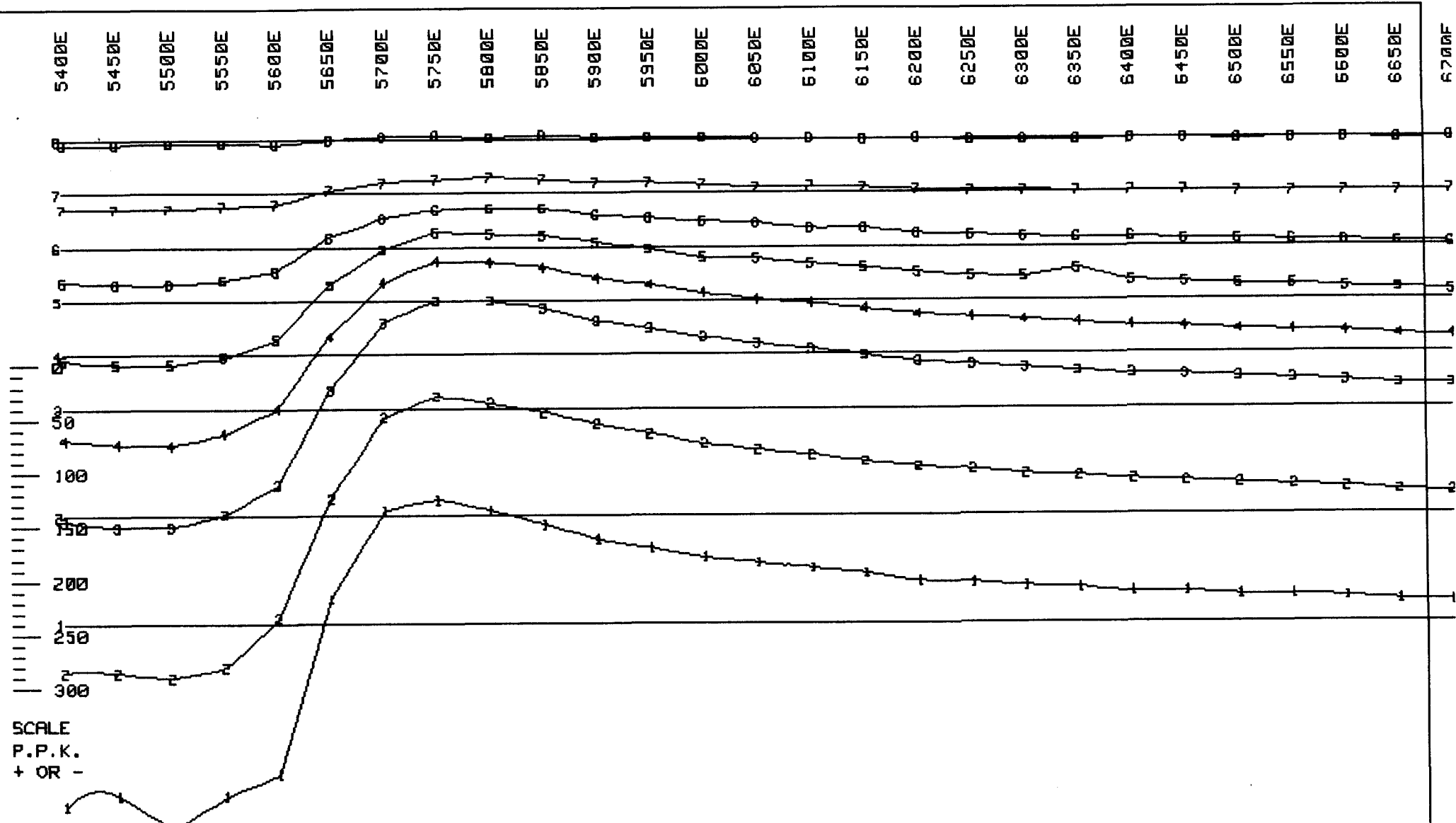
To accompany Geophysical Report on the SUN VALLEY GRID

BUTLER MTN. MINERALS CORP.
SUN VALLEY GRID
MAGNETIC FIELD INTENSITY PROFILE MAP
TOTAL MAGNETIC FIELD (gammas)

DATE: AUG/84 FIG.: 2 G

VECTOR PULSE ELECTROMAGNETOMETER COMPONENT PROFILES

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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.

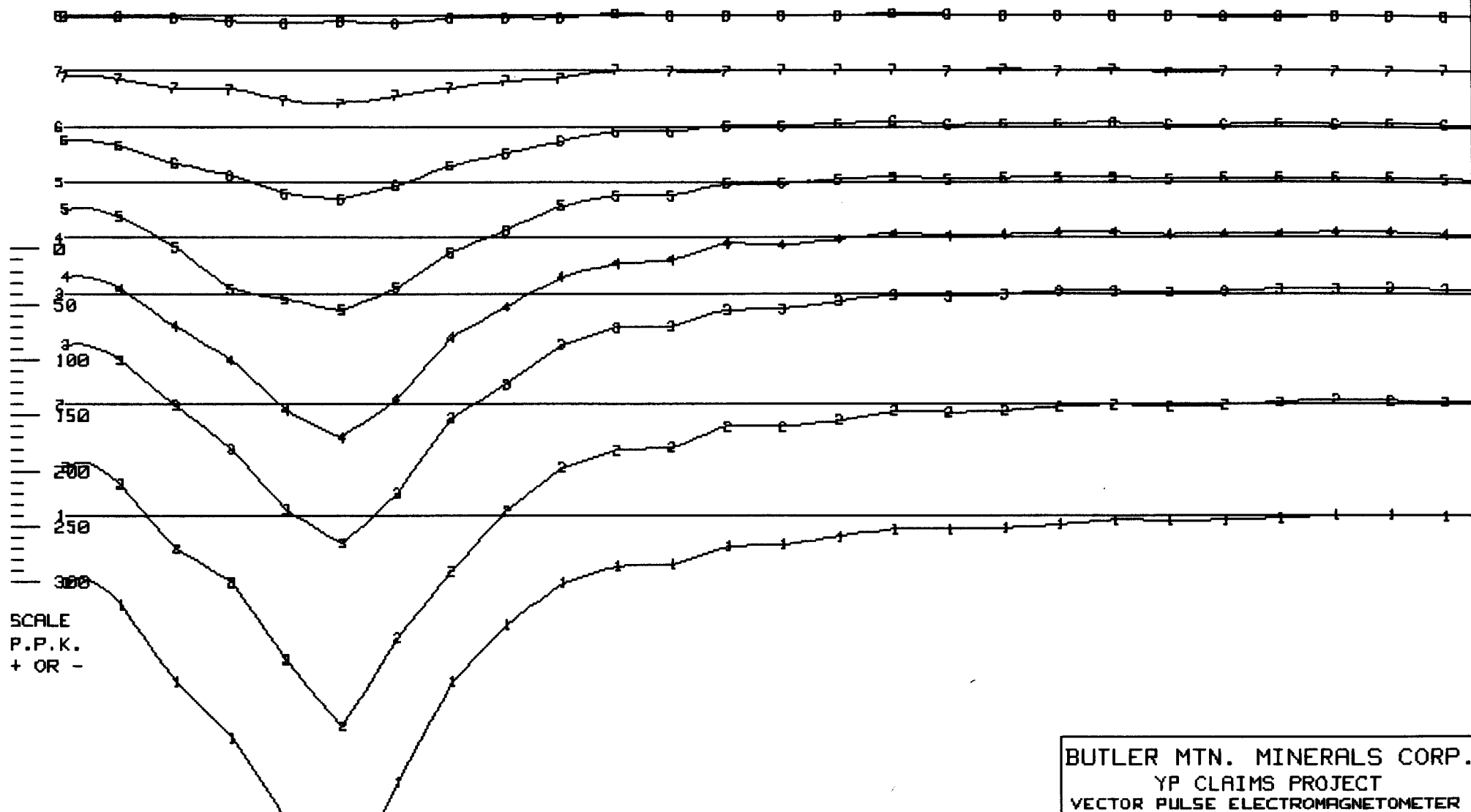


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 600N LOOP 1

DATE: AUG/84

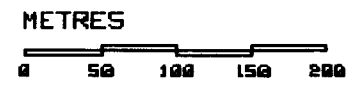
FIG.: 3

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



SCALE
P.P.K.
+ OR -

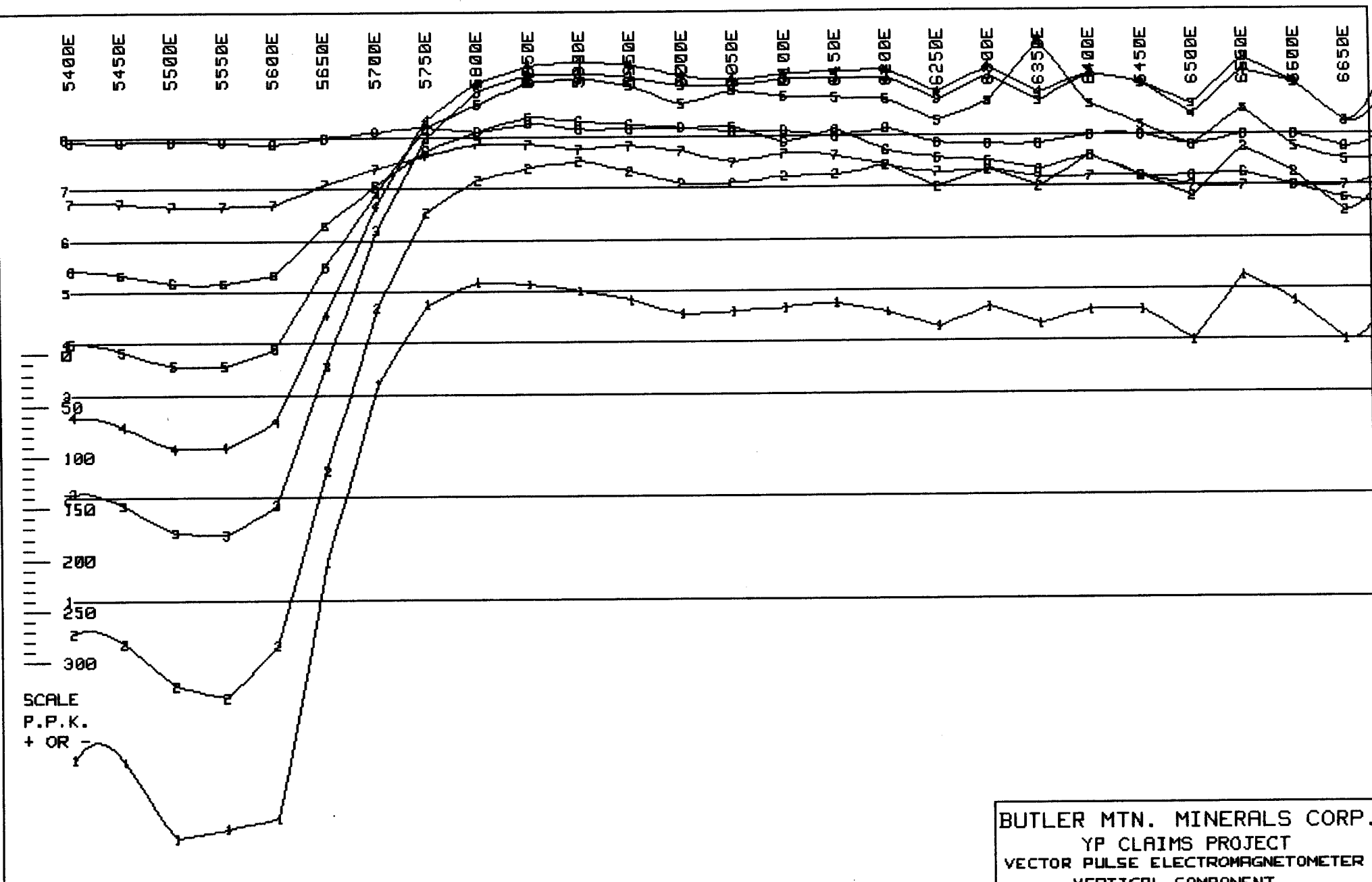
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 600N LOOP 1

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DATE: AUG/84 FIG.: 4



GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

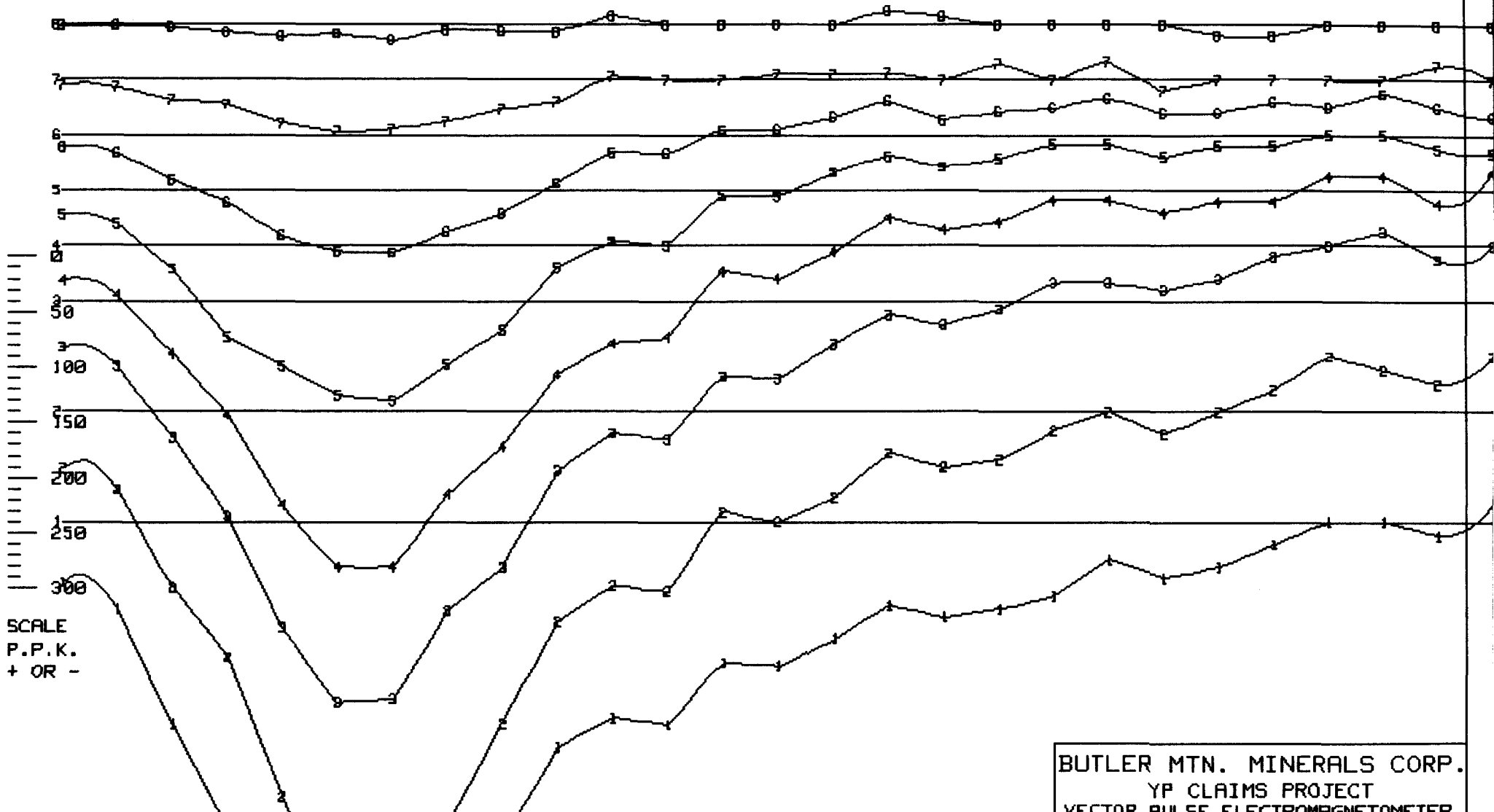
PRIMARY FIELD NORMALIZED DATA
 NUMBER IN LINE-CHANNEL NUMBER
 INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
 YP CLAIMS PROJECT
 VECTOR PULSE ELECTROMAGNETOMETER
 VERTICAL COMPONENT
 LINE 600N LOOP 4

DATE: AUG/84 FIG.: 5

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



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.

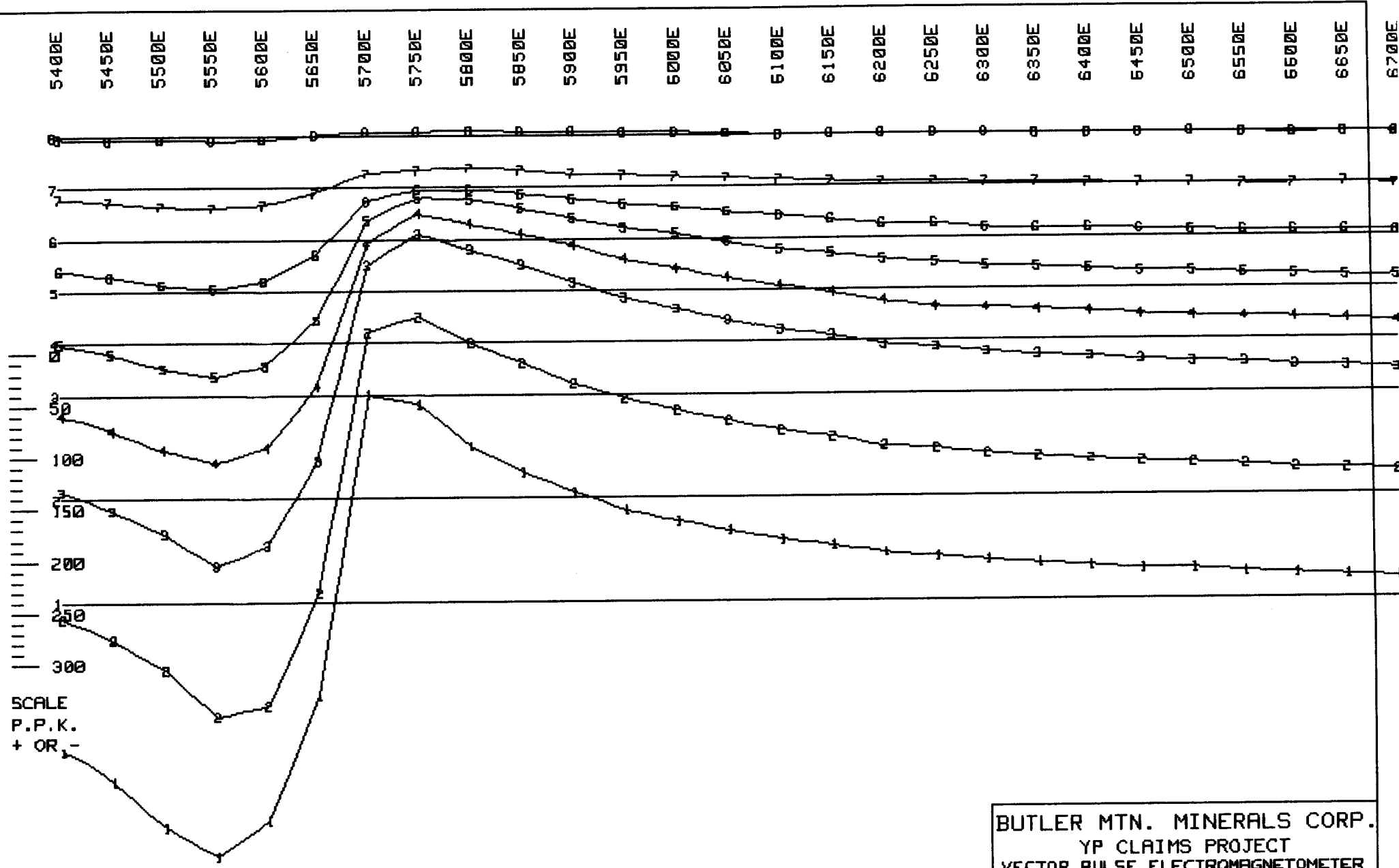
METRES



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 600N LOOP 1

DATE: AUG/84

FIG.: 6



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.

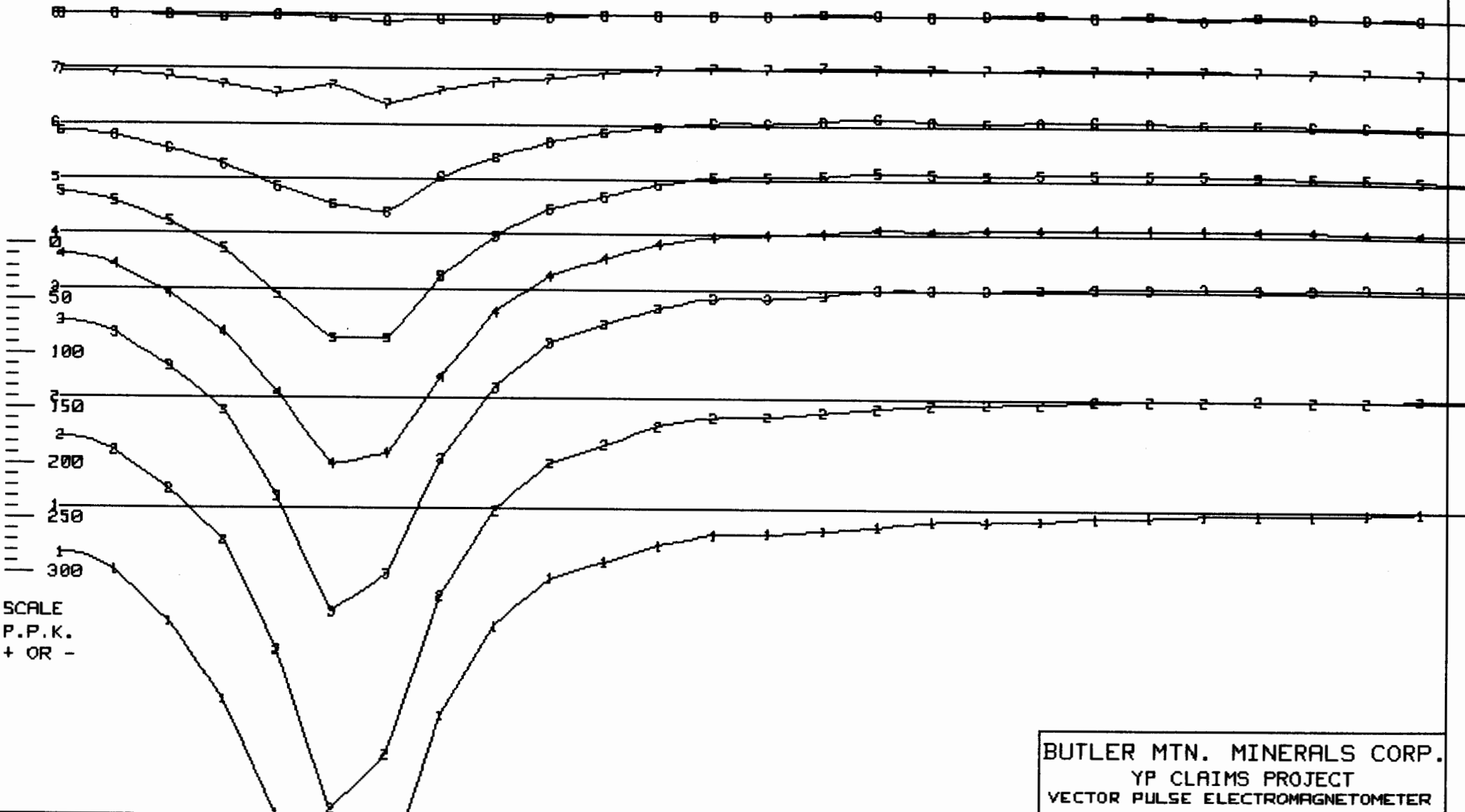


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 000N LOOP 1

DATE: AUG/84

FIG.: 7

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



SCALE
P.P.K.
+ OR -

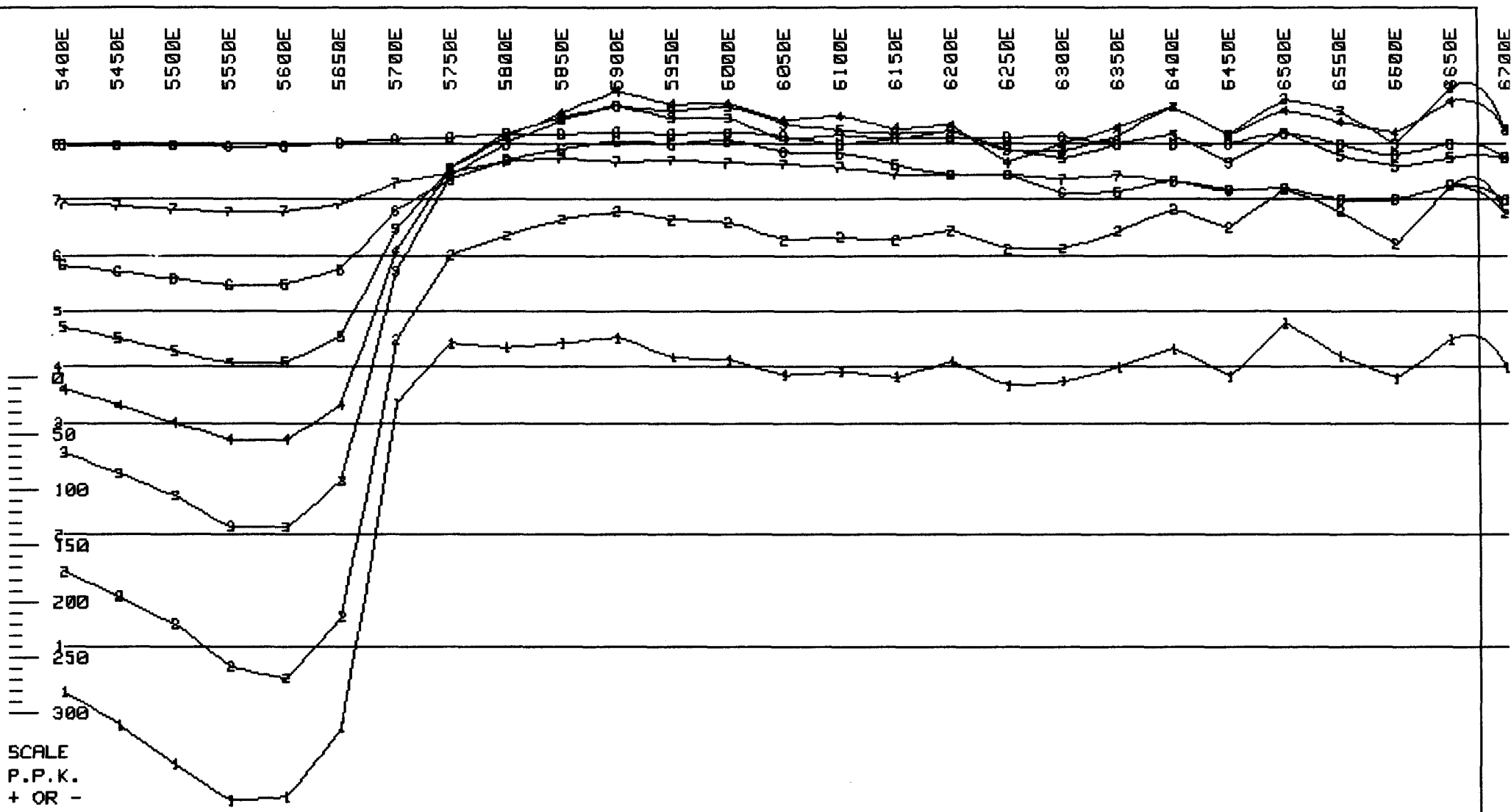
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



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BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800N LOOP 1

DATE: AUG/84 FIG.: 8



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.

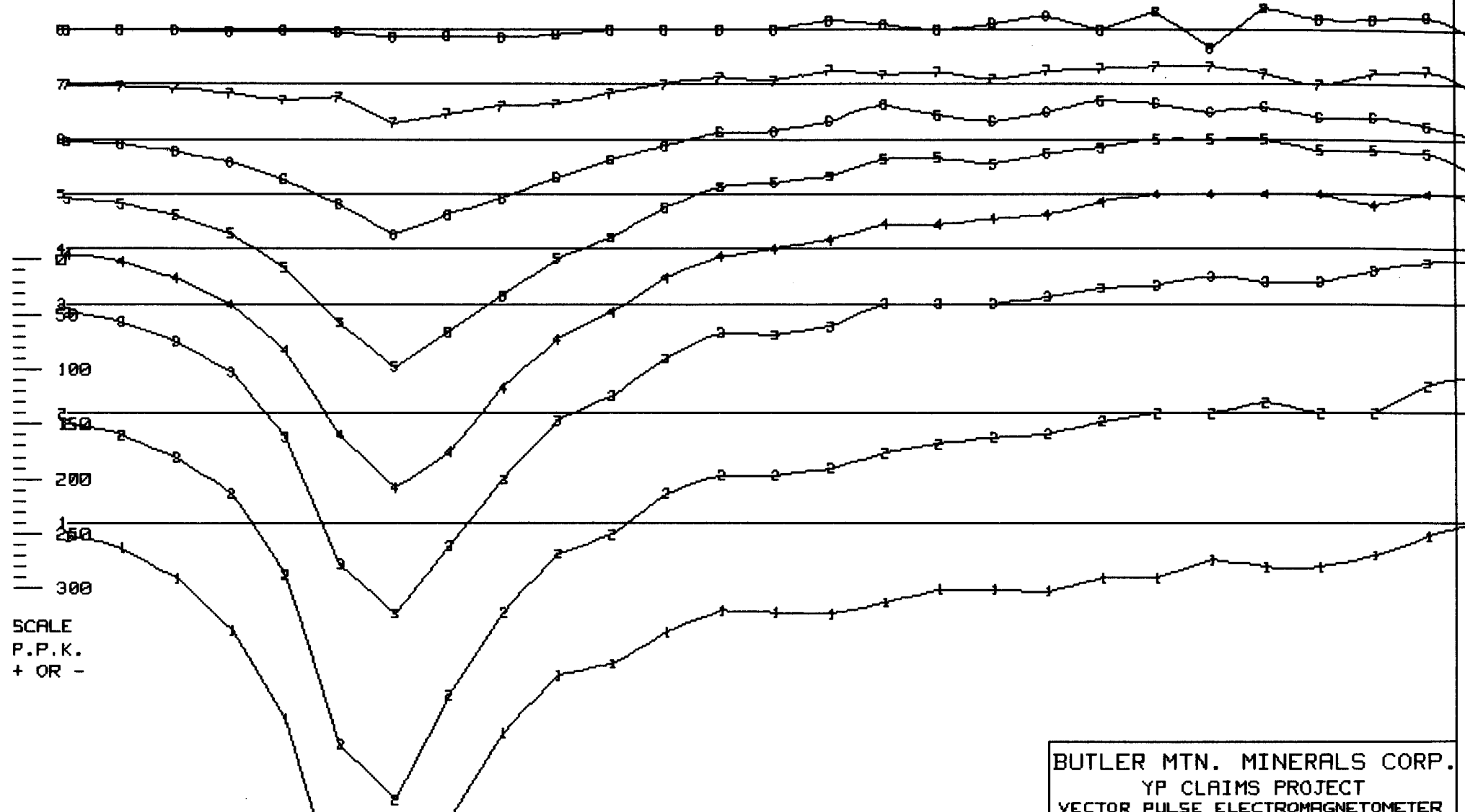


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 000N LOOP 1

DATE: AUG/84

FIG.: 9

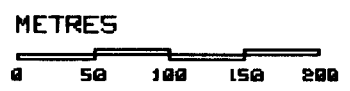
5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

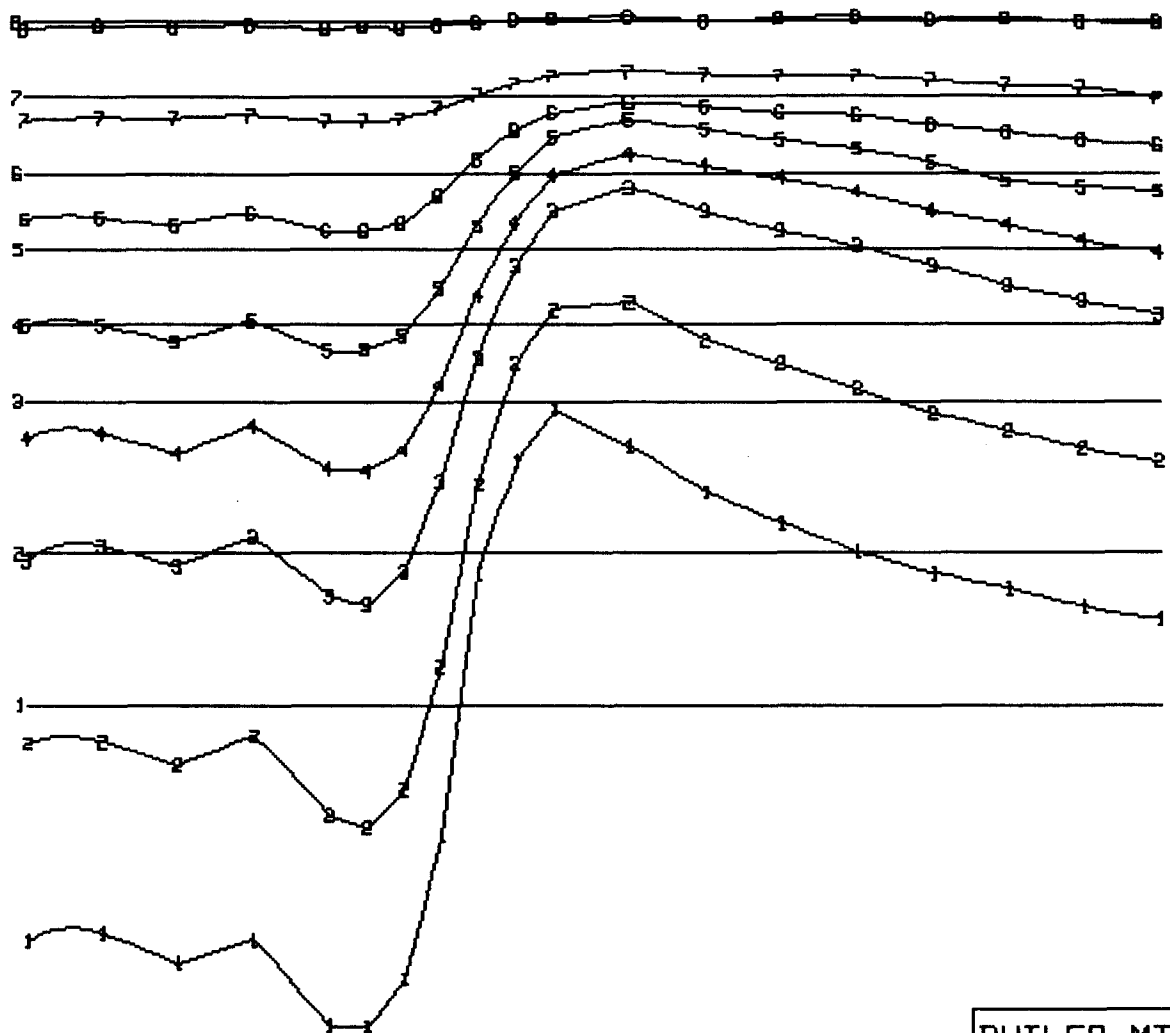
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800N LOOP 1

DATE: AUG/84 FIG.: 10

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E



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.



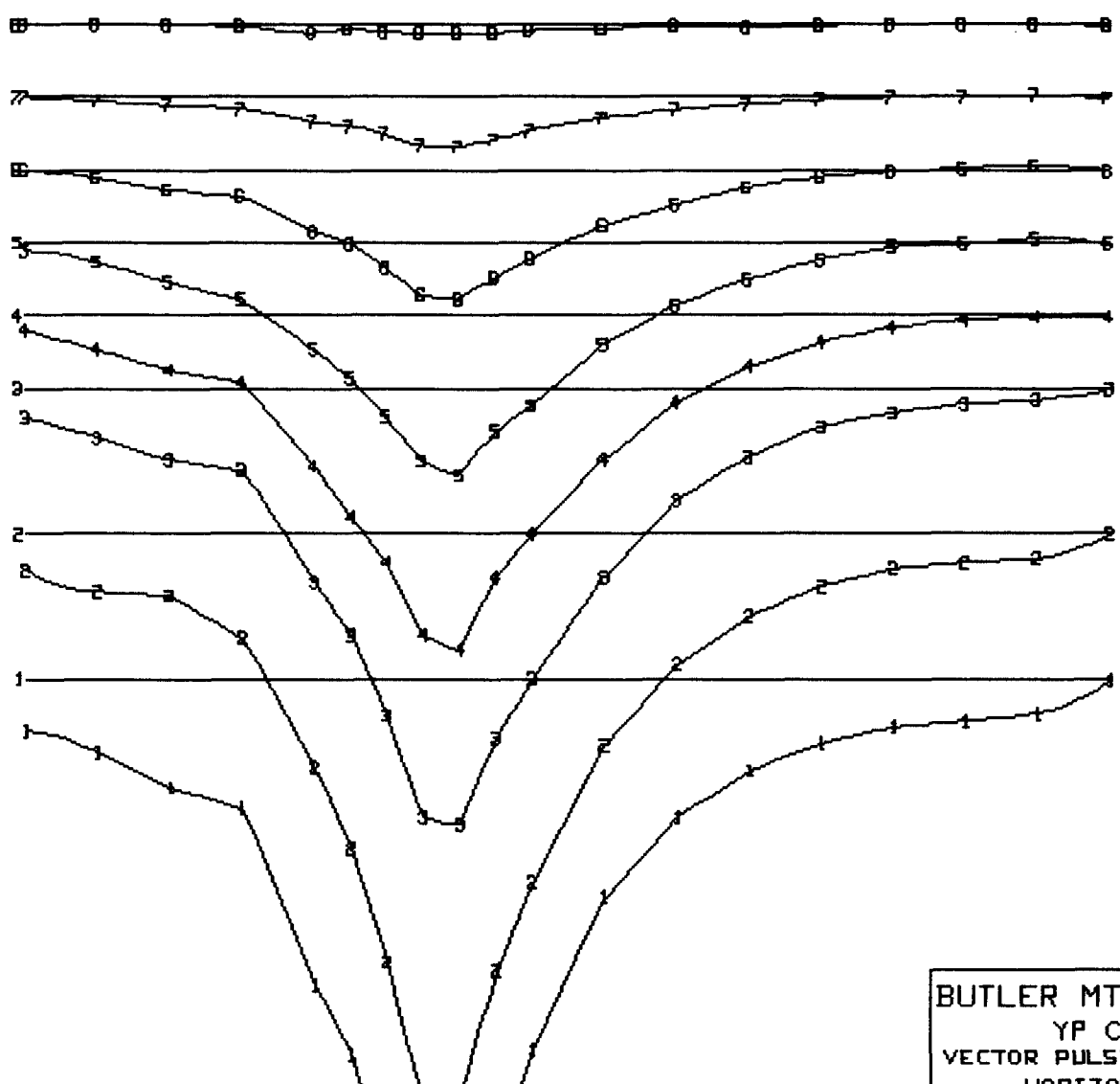
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1000N LOOP 4

DATE: AUG/84

FIG.: 11

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5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

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

METRES
0 50 100 150 200

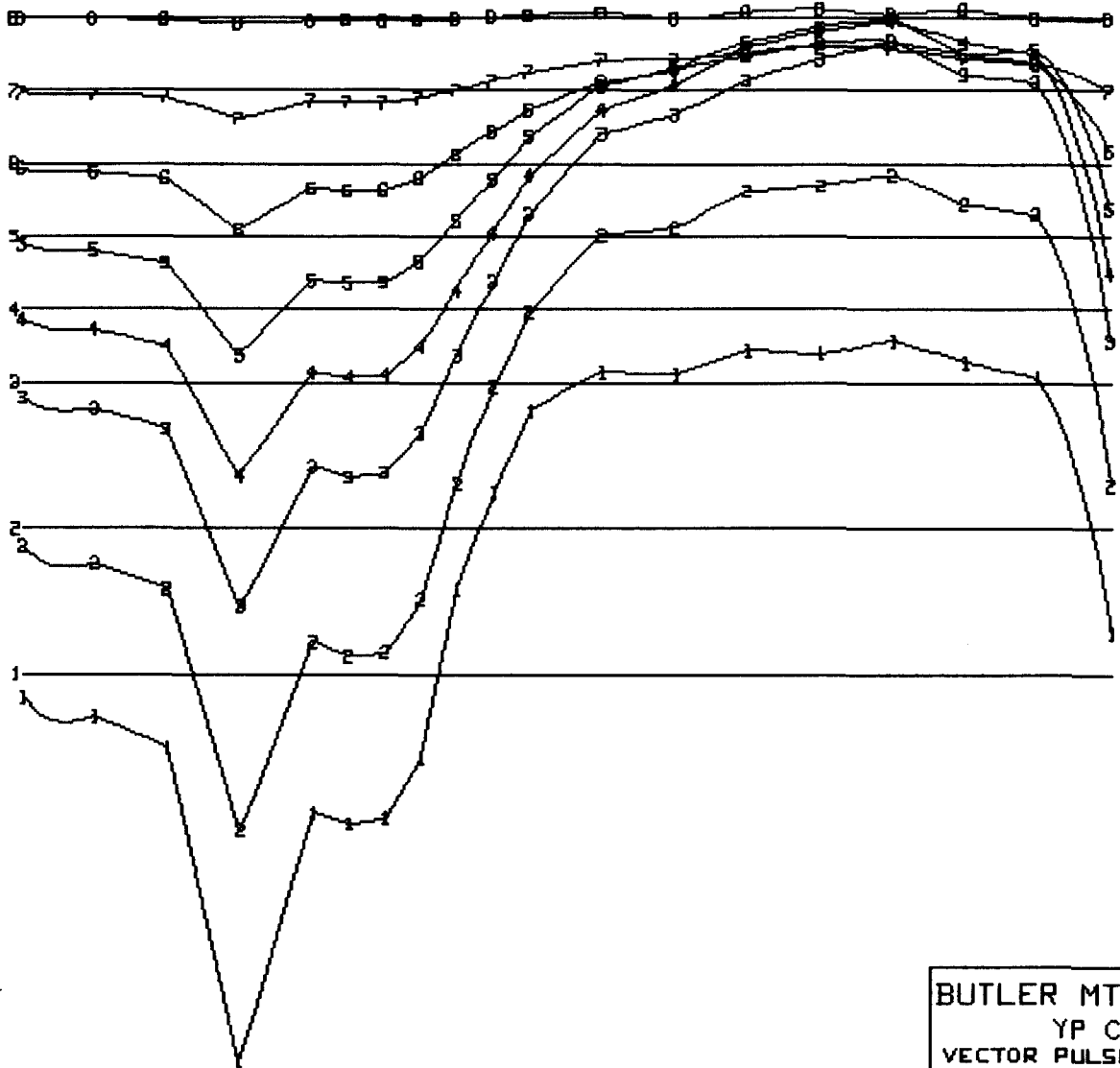
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1000N LOOP 4

DATE: AUG/84

FIG.: 12

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E



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.

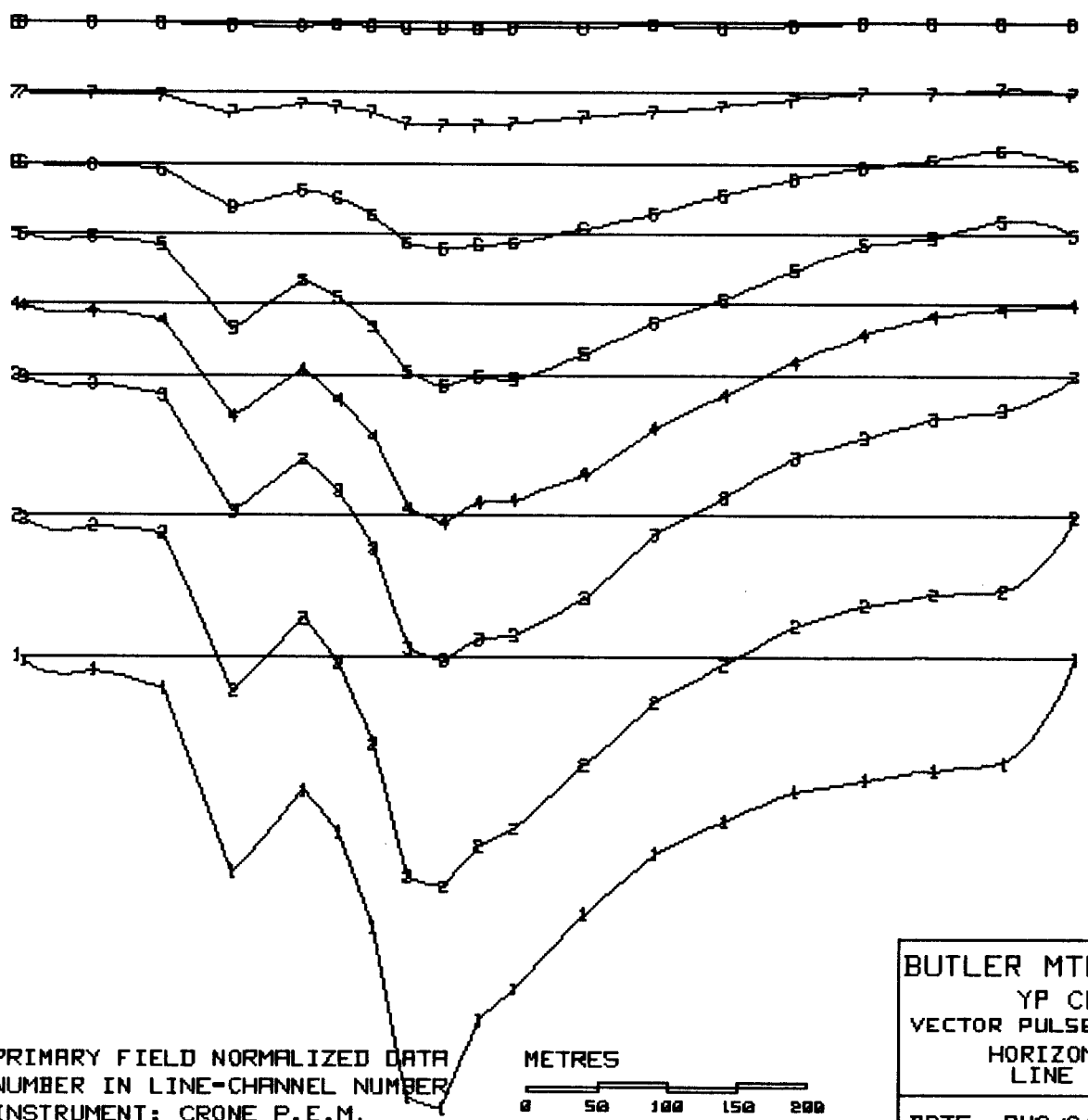
METRES
0 50 100 150 200

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YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1000N LOOP 4

DATE: AUG/84 FIG.: 13

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5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E



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.

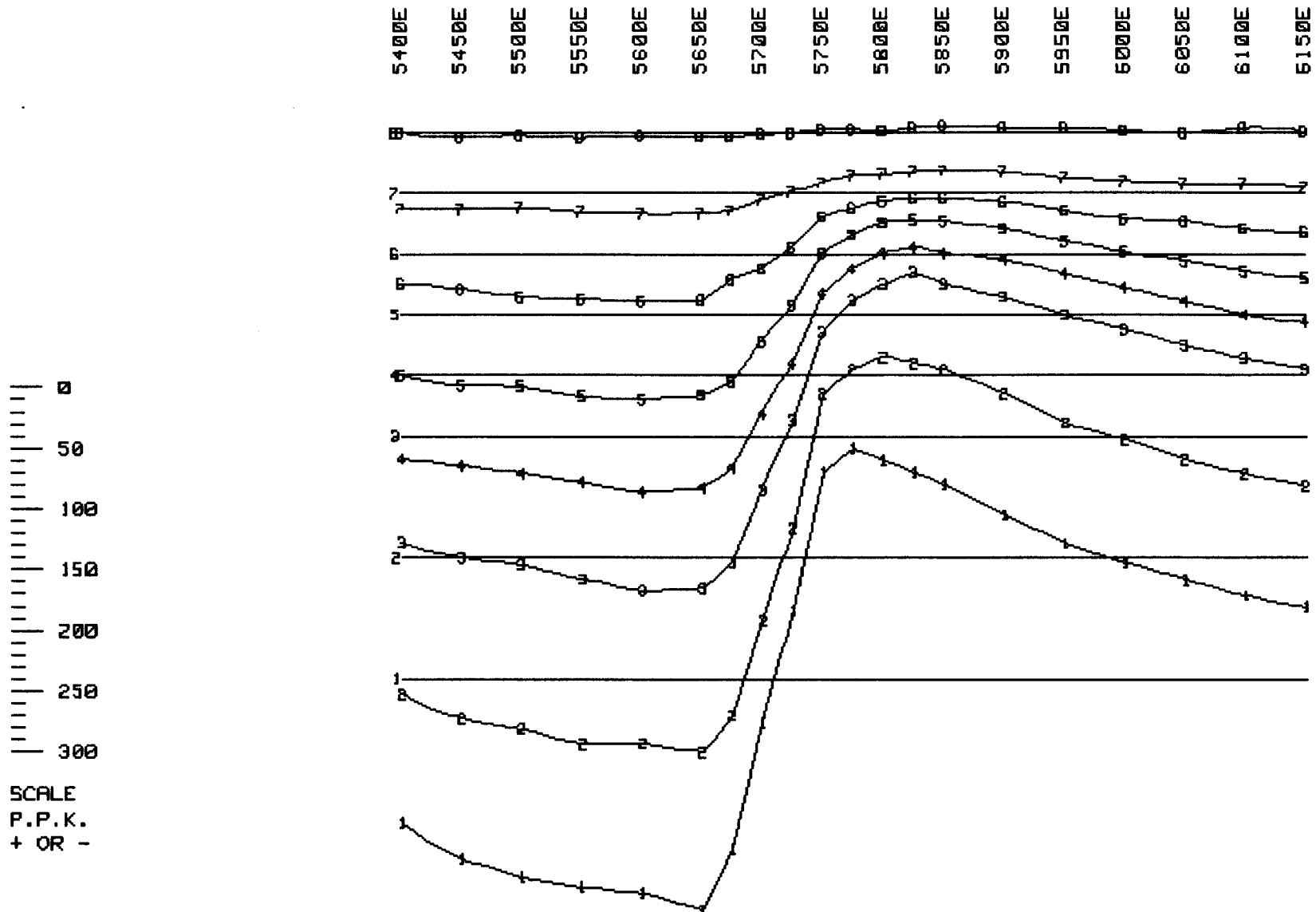


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YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1000N LOOP 4

DATE: AUG/84

FIG.: 14



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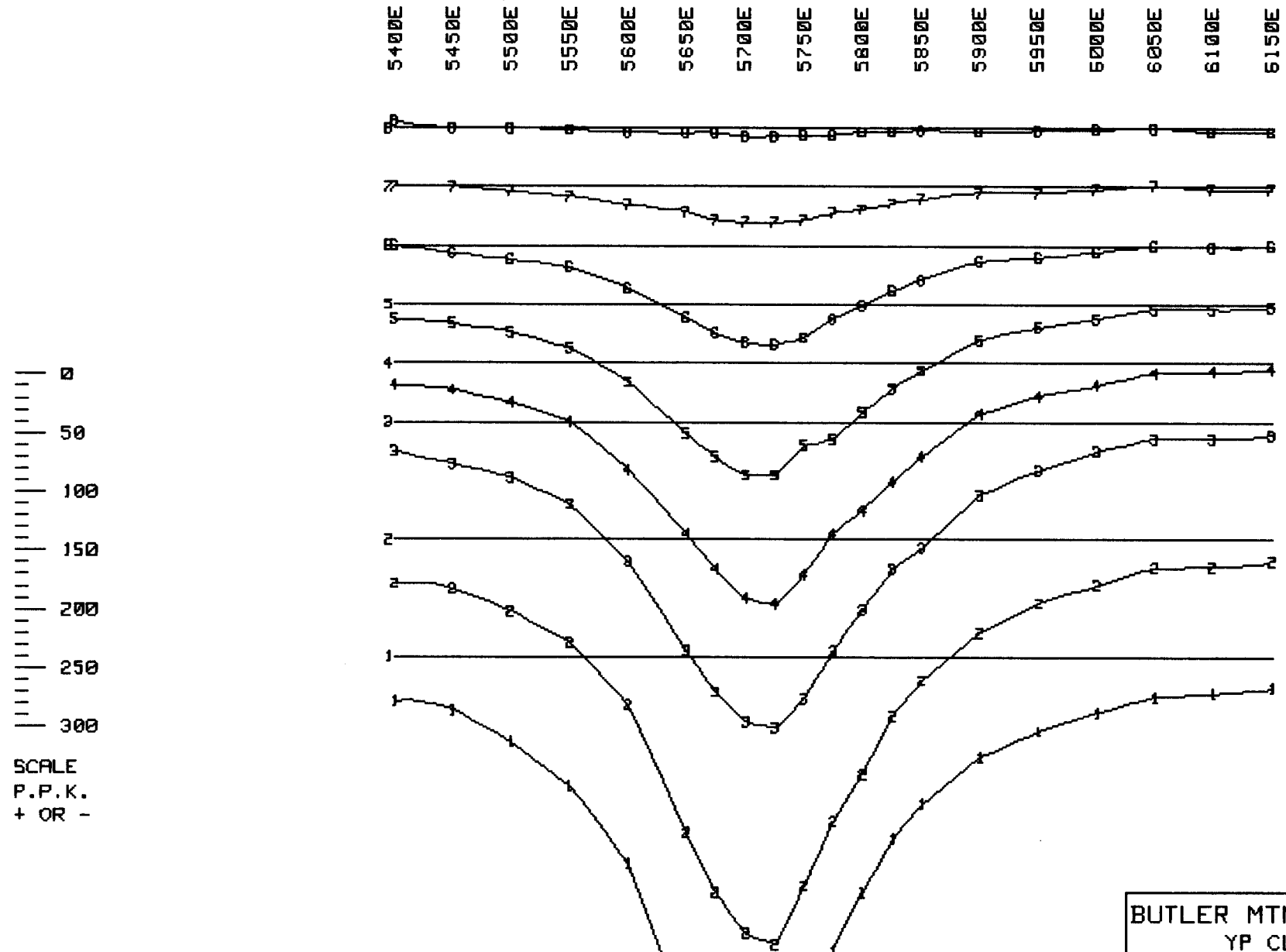
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200N LOOP 4

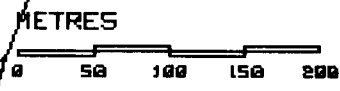
DATE: AUG/84

FIG.: 15



SCALE
P.P.K.
+ OR -

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

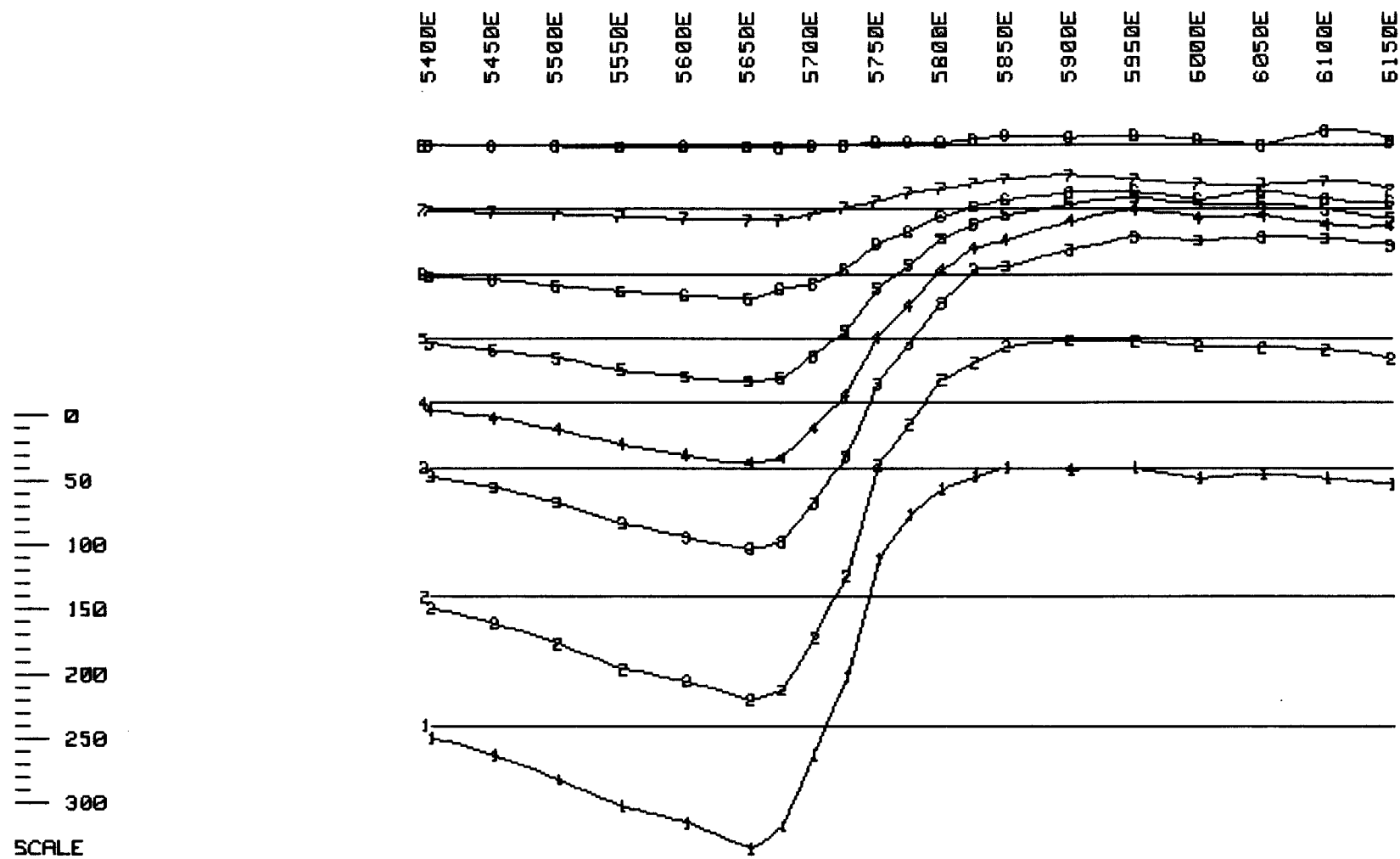


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YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200N LOOP 4

DATE: AUG/84

FIG.: 16



SCALE
P.P.K.
+ OR -

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



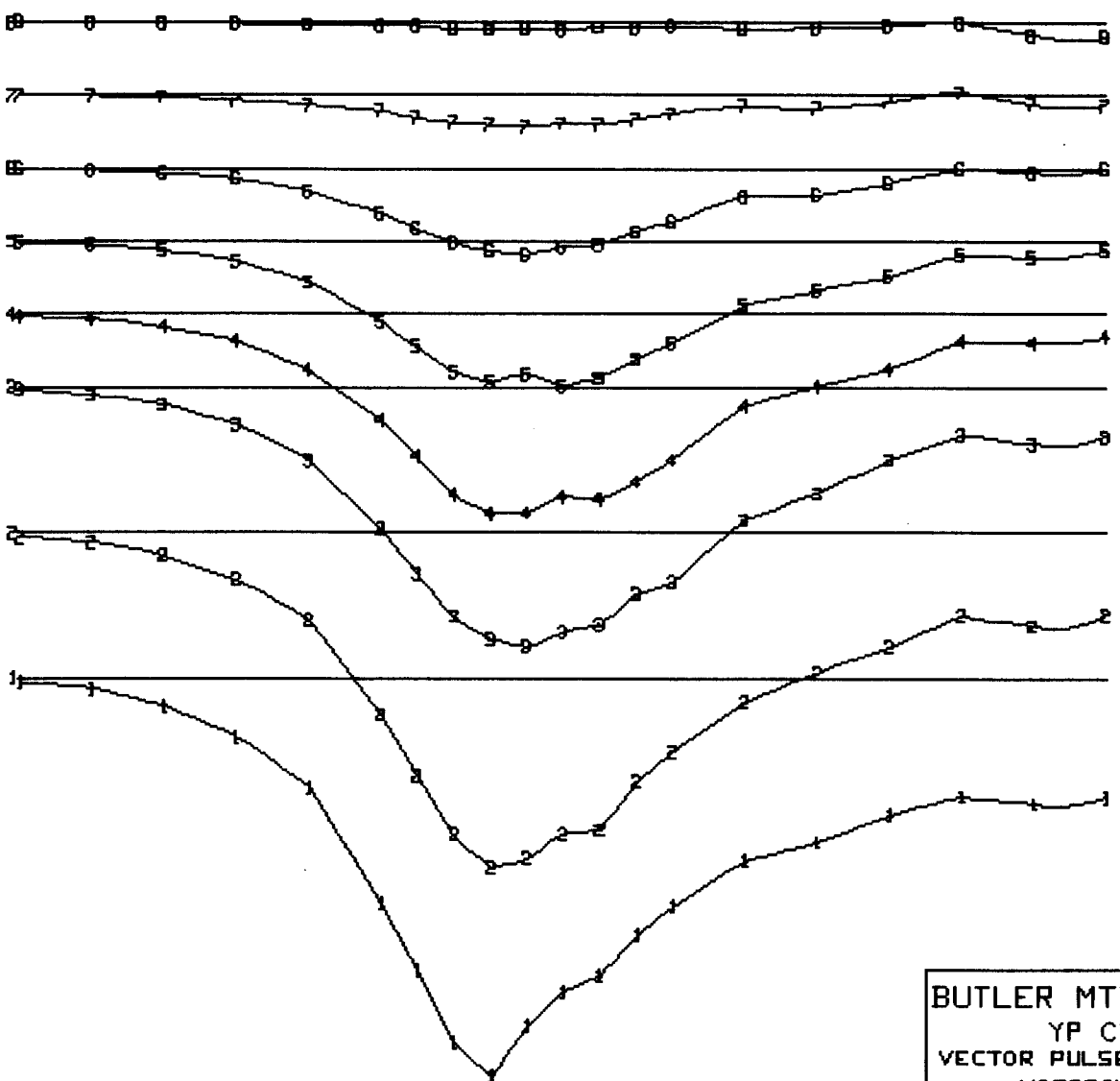
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1200N LOOP 4

DATE: AUG/84

FIG.: 17

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5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E



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.

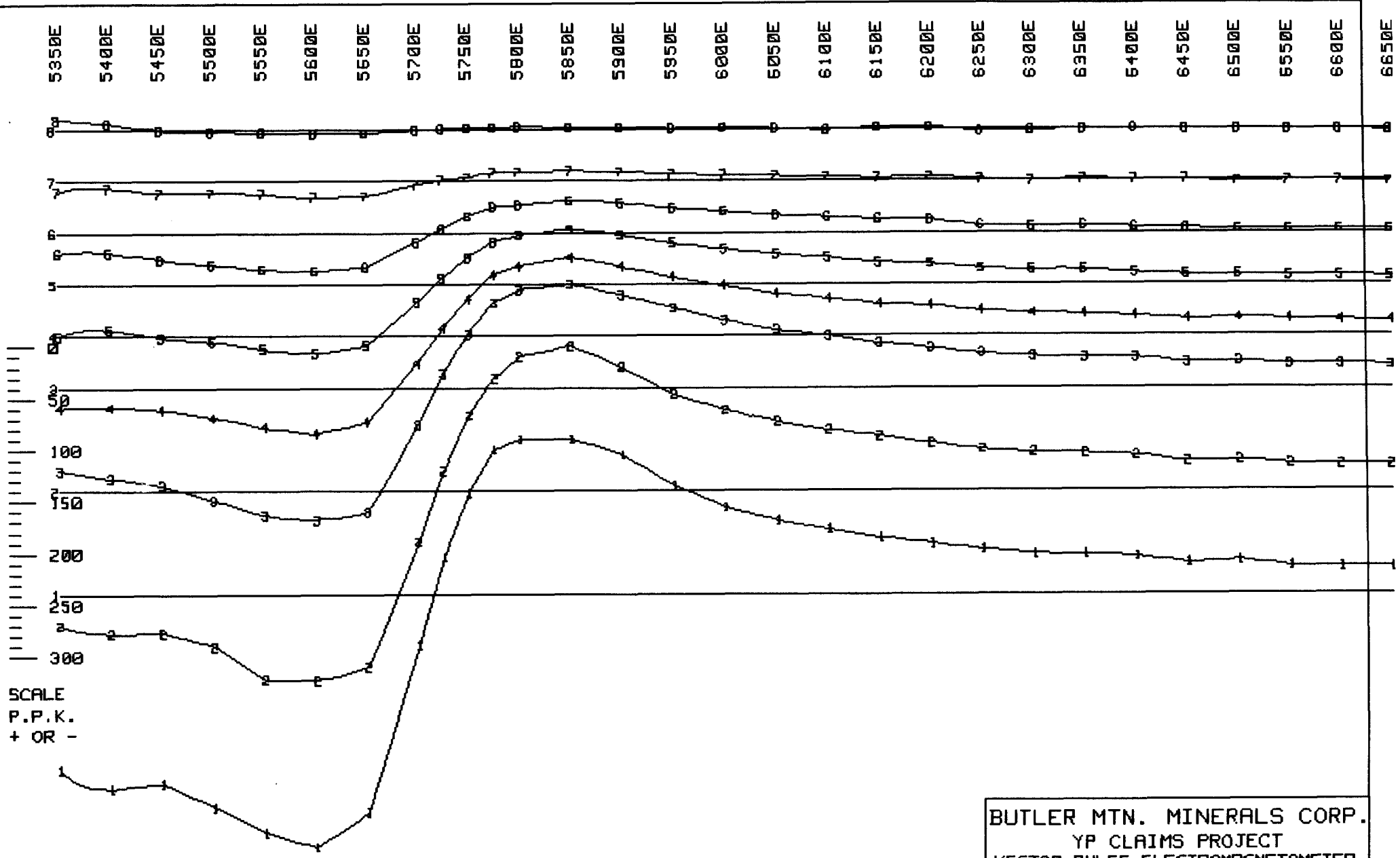


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1200N LOOP 4

DATE: AUG/84

FIG.: 18

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& SERVICES LTD.



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

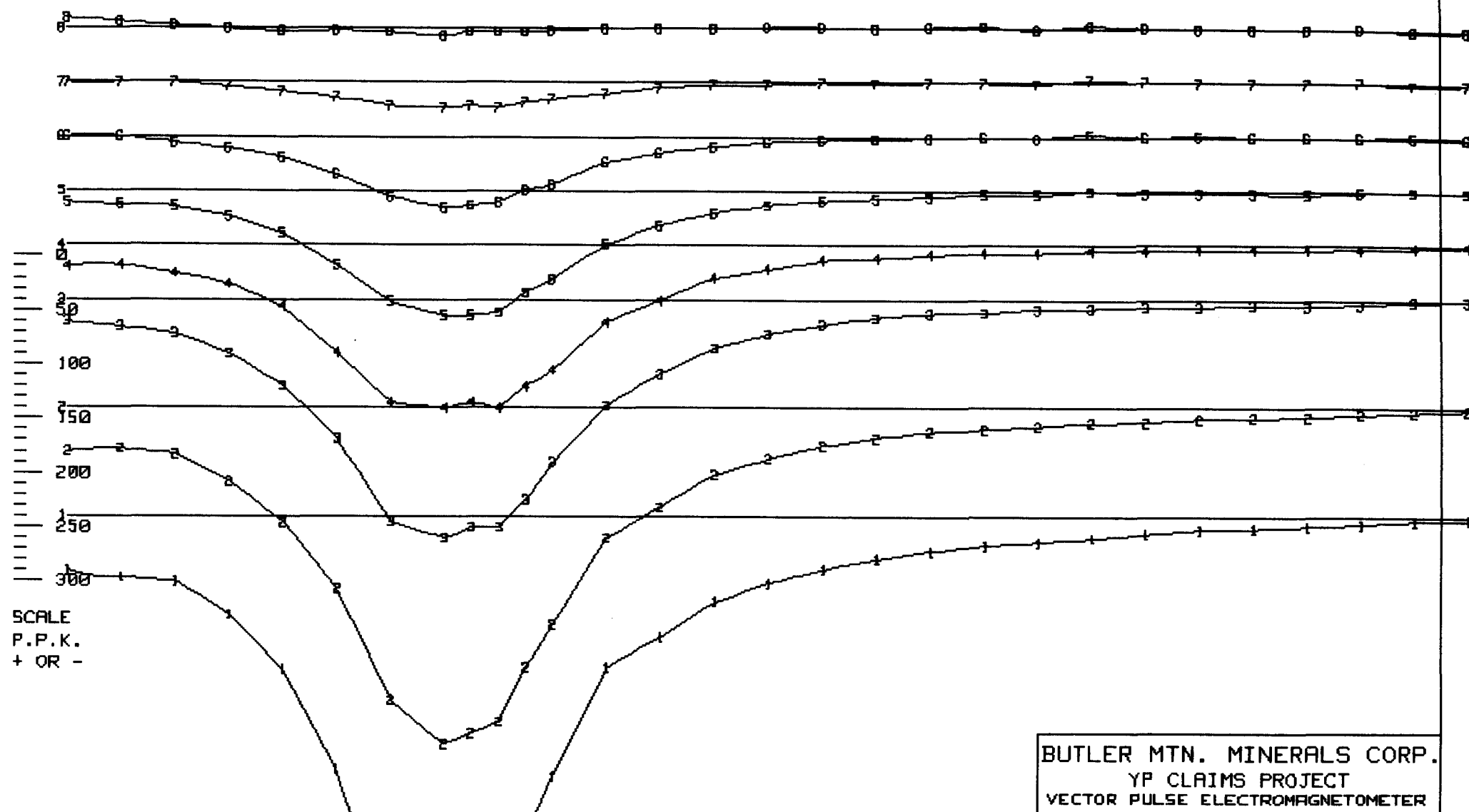
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1400N LOOP 4

DATE: AUG/84 FIG.: 19

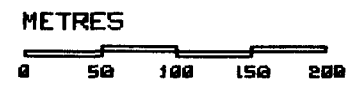
5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E



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.

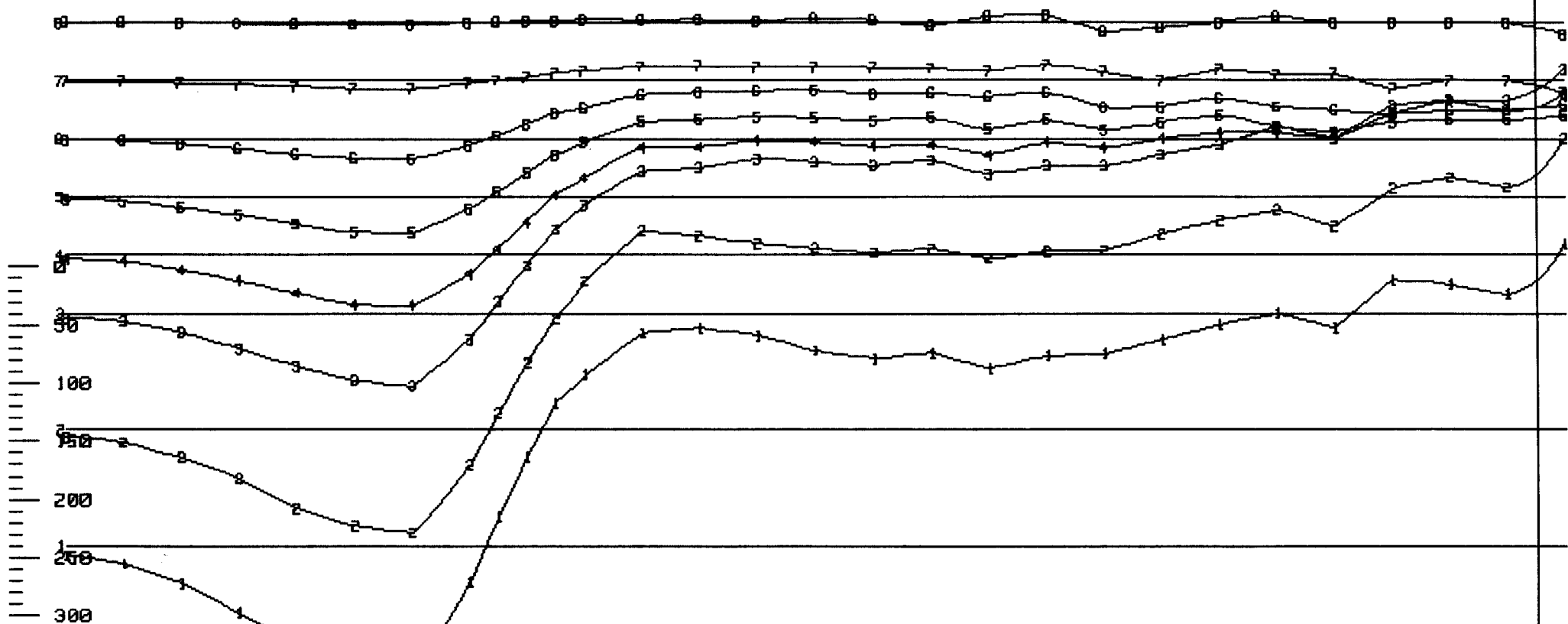


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1400N LOOP 4

DATE: AUG/84

FIG.: 20

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



SCALE
P.P.K.
+ OR -

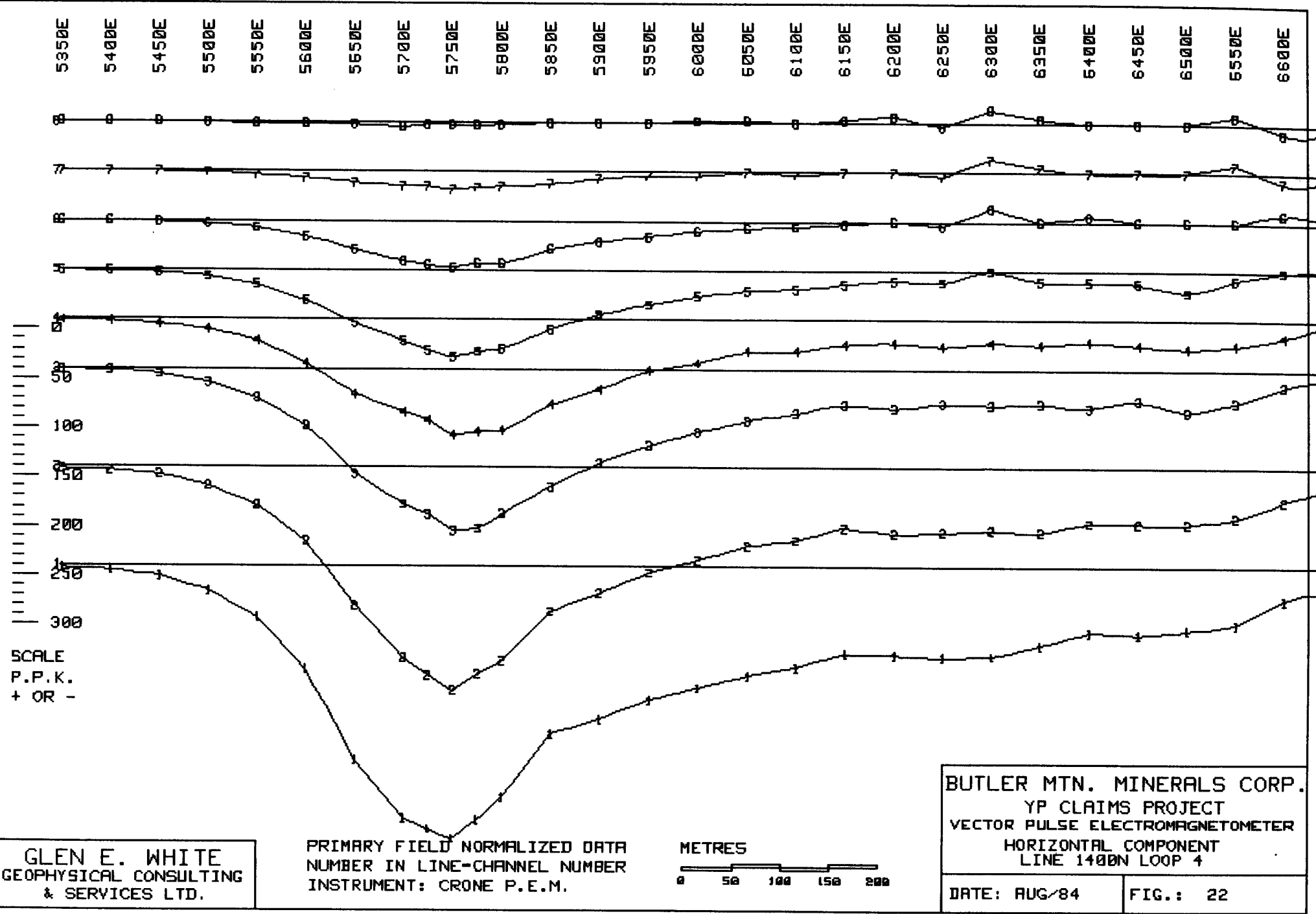
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

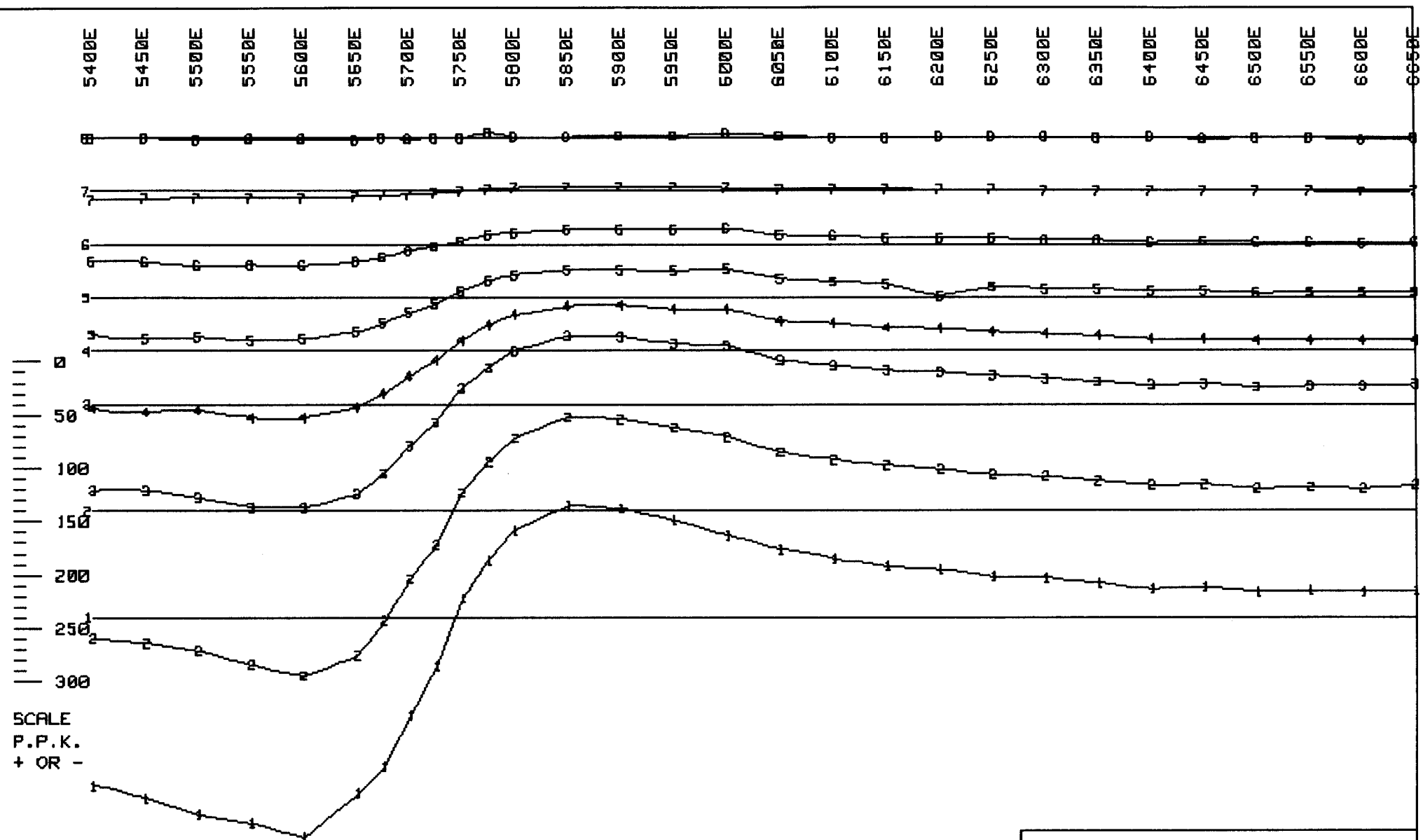


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1400N LOOP 4

DATE: AUG/84 FIG.: 21

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GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

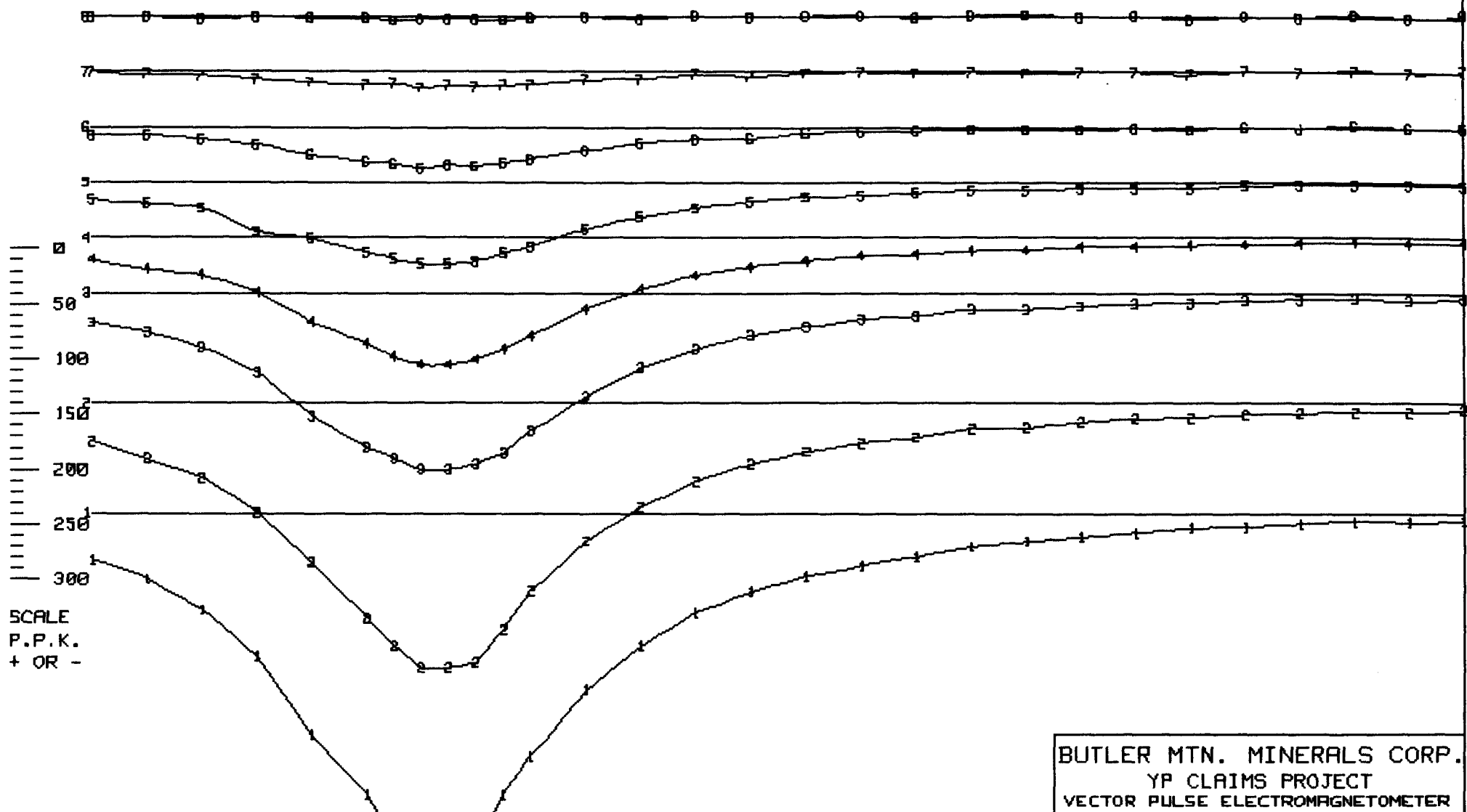
CONSTANT GAIN DATA, G=(100%)
 NUMBER IN LINE-CHANNEL NUMBER
 INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
 YP CLAIMS PROJECT
 VECTOR PULSE ELECTROMAGNETOMETER
 VERTICAL COMPONENT
 LINE 1600N LOOP 4

DATE: AUG/84 FIG.: 23

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



SCALE
P.P.K.
+ OR -

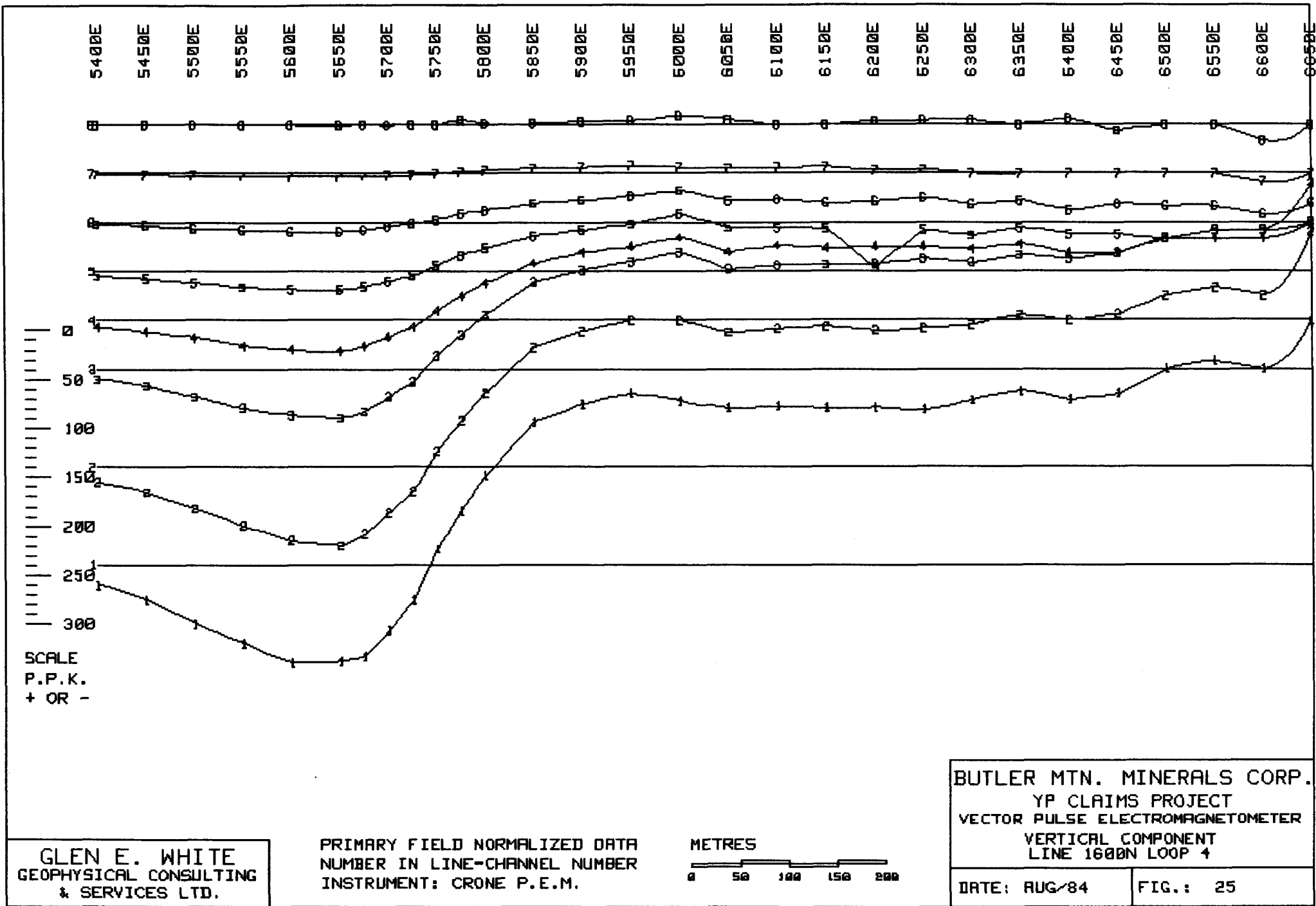
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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

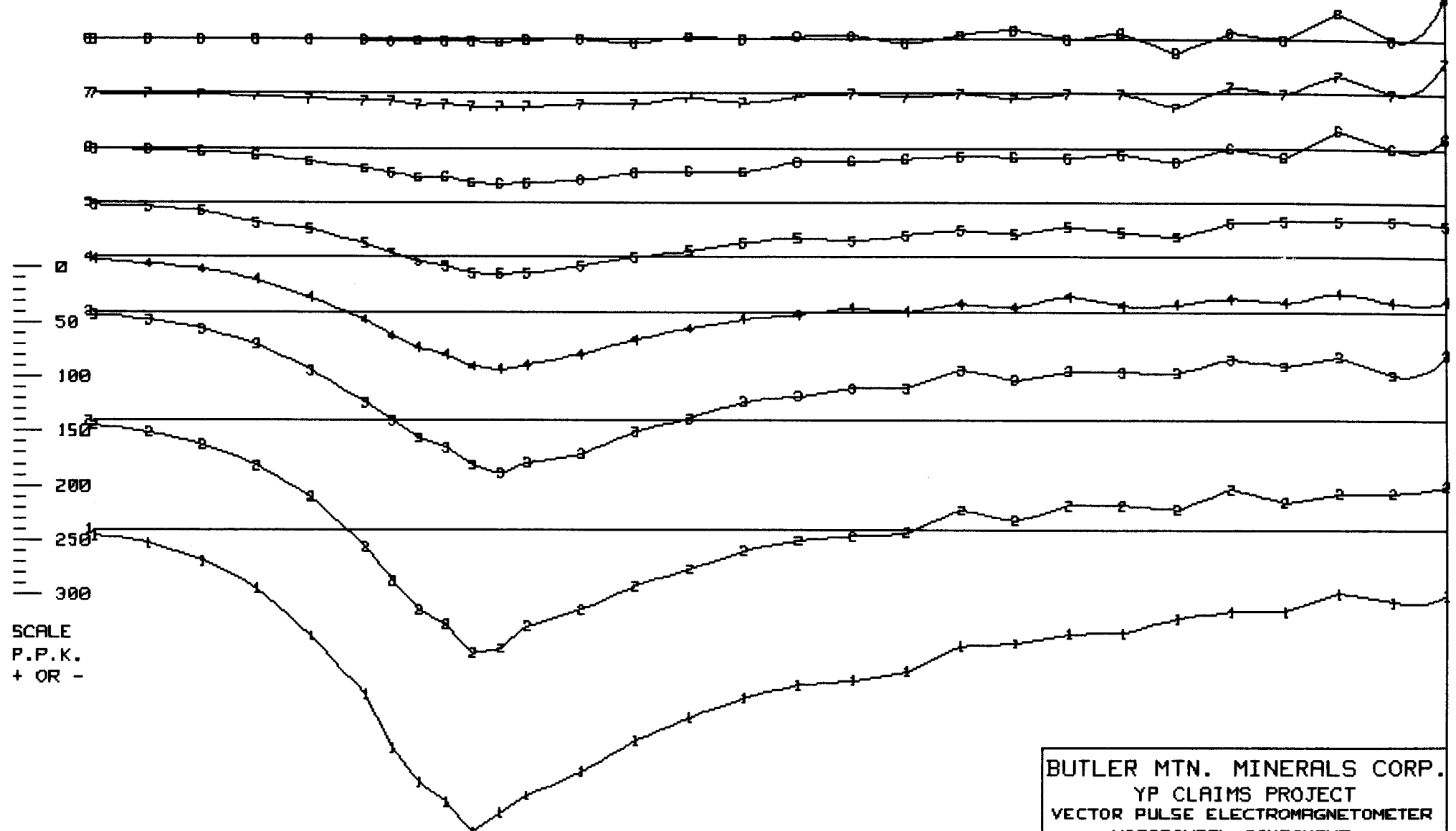


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1600N LOOP 4

DATE: AUG/84 FIG.: 24



5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



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.



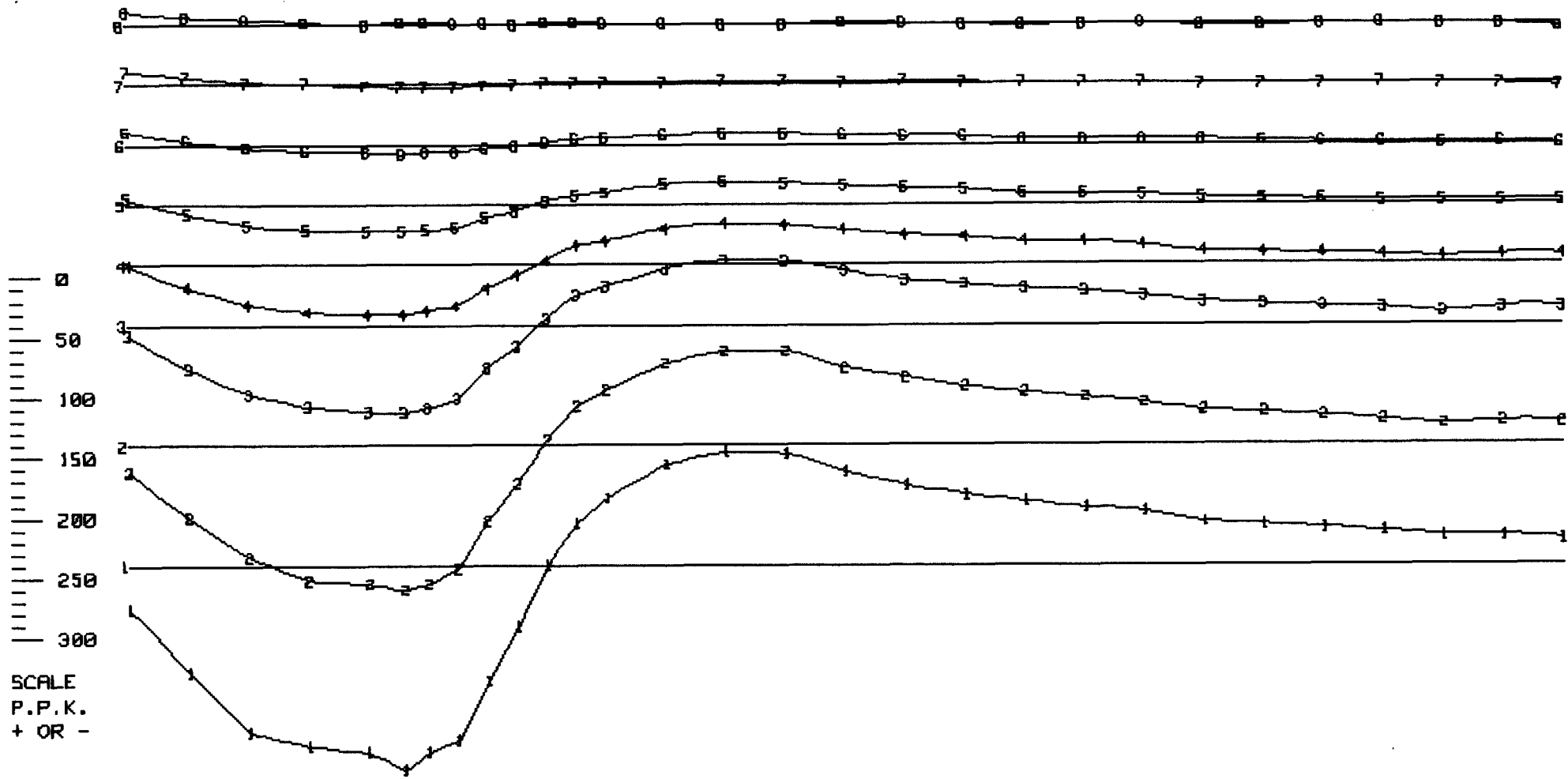
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1600N LOOP 4

DATE: AUG/84

FIG.: 26

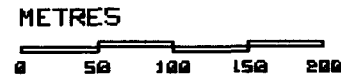
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

540E 545E 550E 555E 560E 565E 570E 575E 580E 585E 590E 595E 600E 605E 610E 615E 620E 625E 630E 635E 640E 645E 650E 655E 660E



SCALE
P.P.K.
+ OR -

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

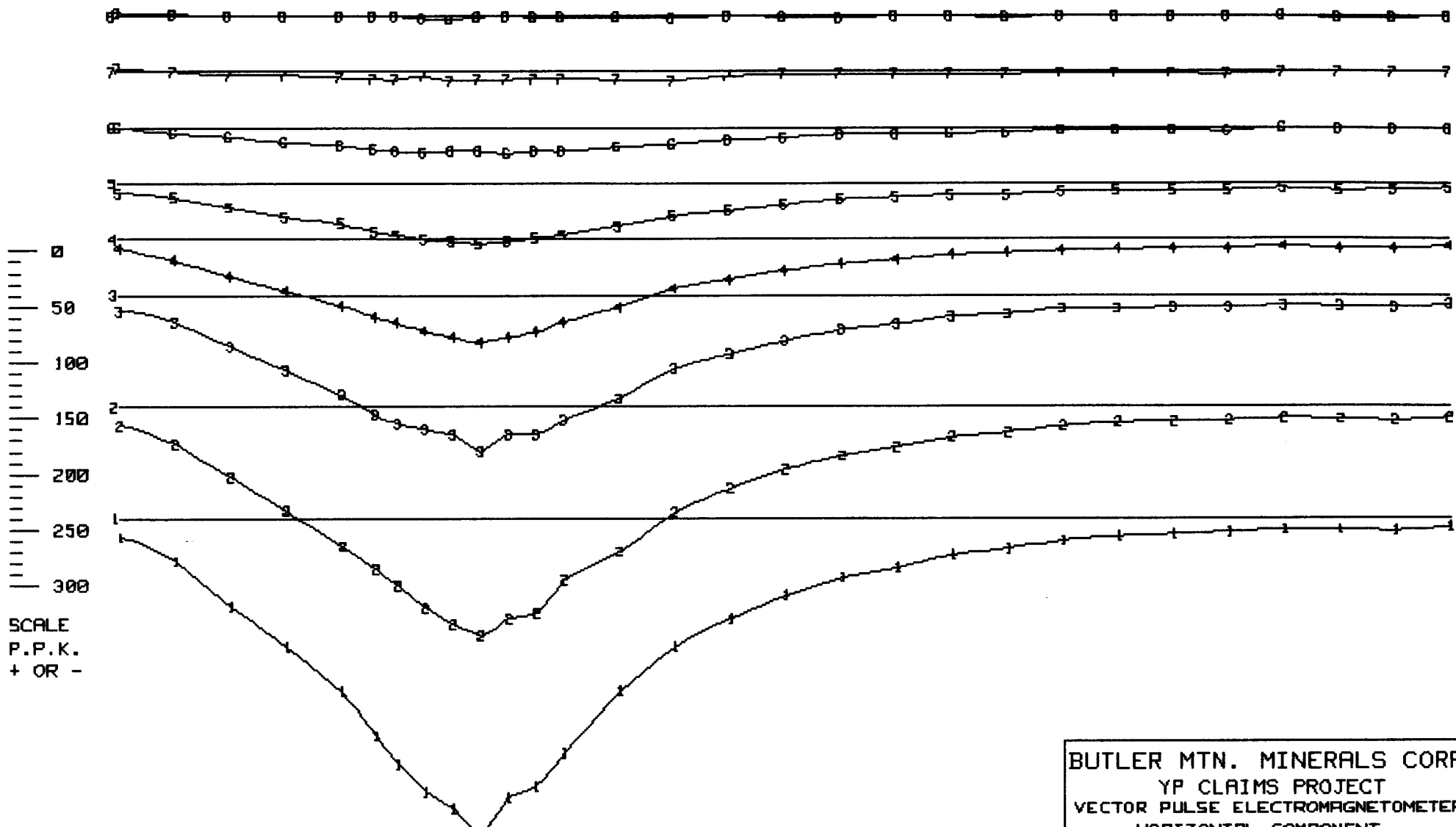


GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1800N LOOP 4

DATE: AUG/84 FIG.: 27

540E 545E 550E 555E 560E 565E 570E 575E 580E 585E 590E 595E 600E 605E 610E 615E 620E 625E 630E 635E 640E 645E 650E 655E 660E



SCALE
P.P.K.
+ OR -

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

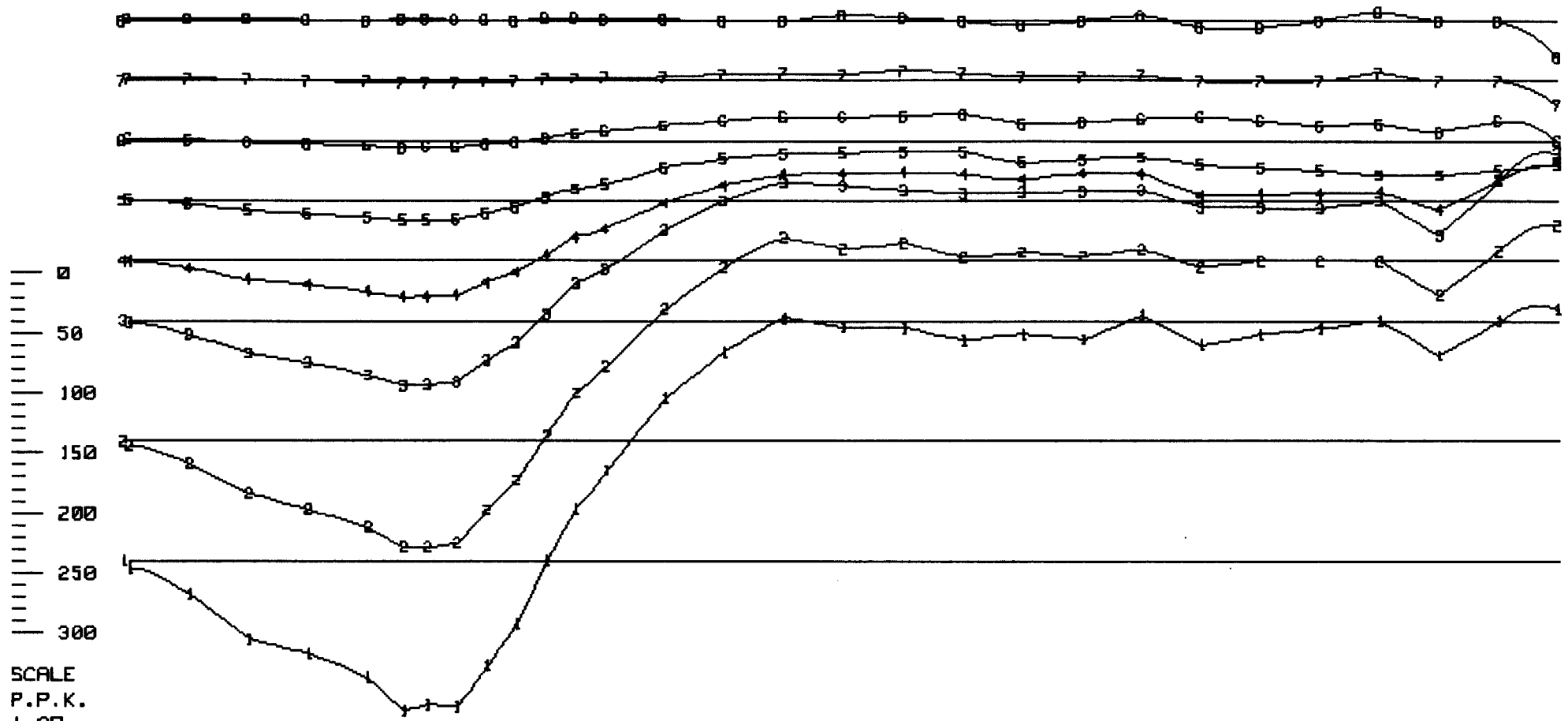


GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1000N LOOP 4

DATE: AUG/84 FIG.: 28

540E 545E 550E 555E 560E 565E 570E 575E 580E 585E 590E 595E 600E 605E 610E 615E 620E 625E 630E 635E 640E 645E 650E 655E 660E



SCALE
P.P.K.
+ OR -

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

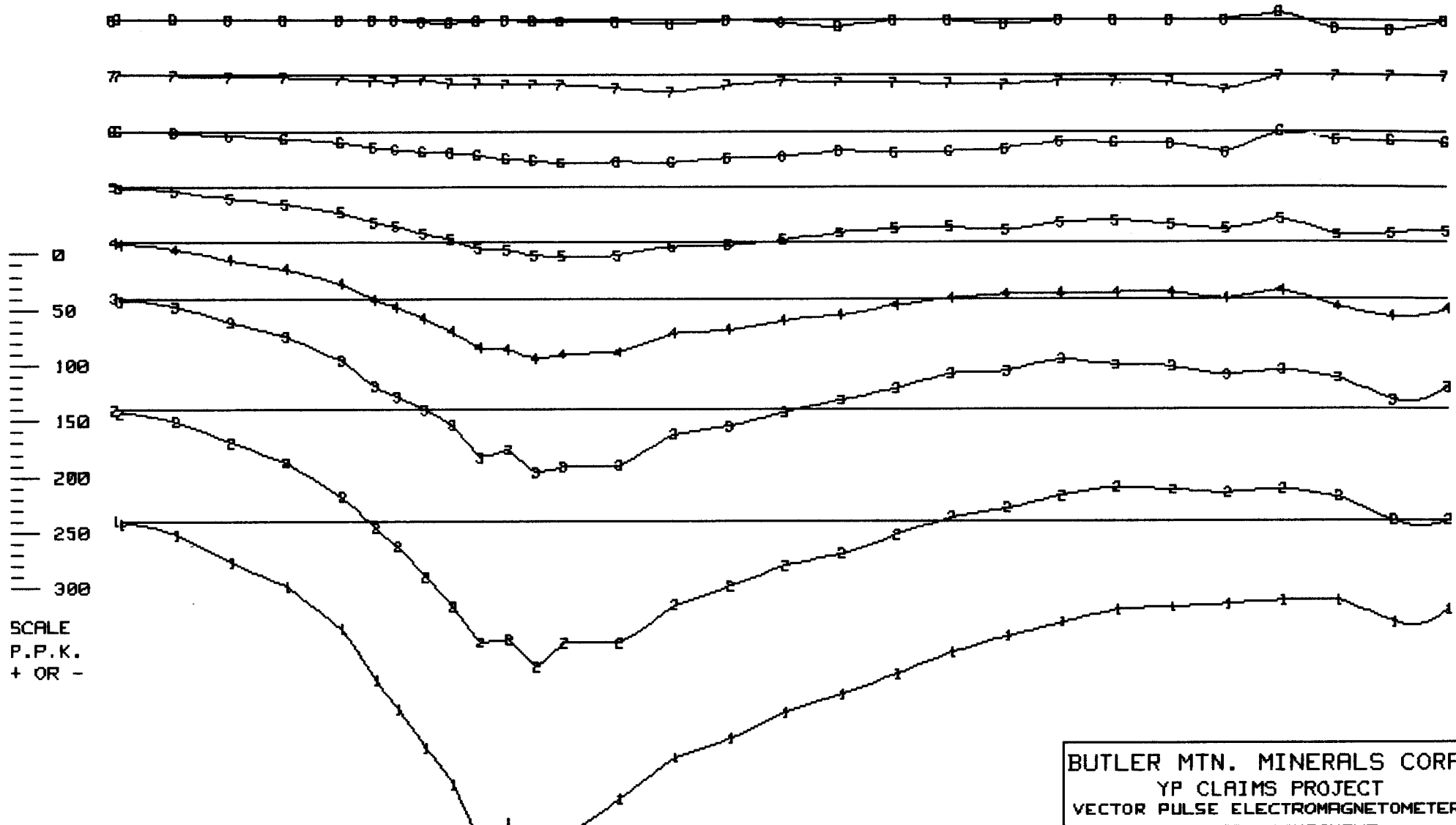


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 1000N LOOP 4

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

DATE: AUG/84 FIG.: 29

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E



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SCALE
P.P.K.
+ OR -

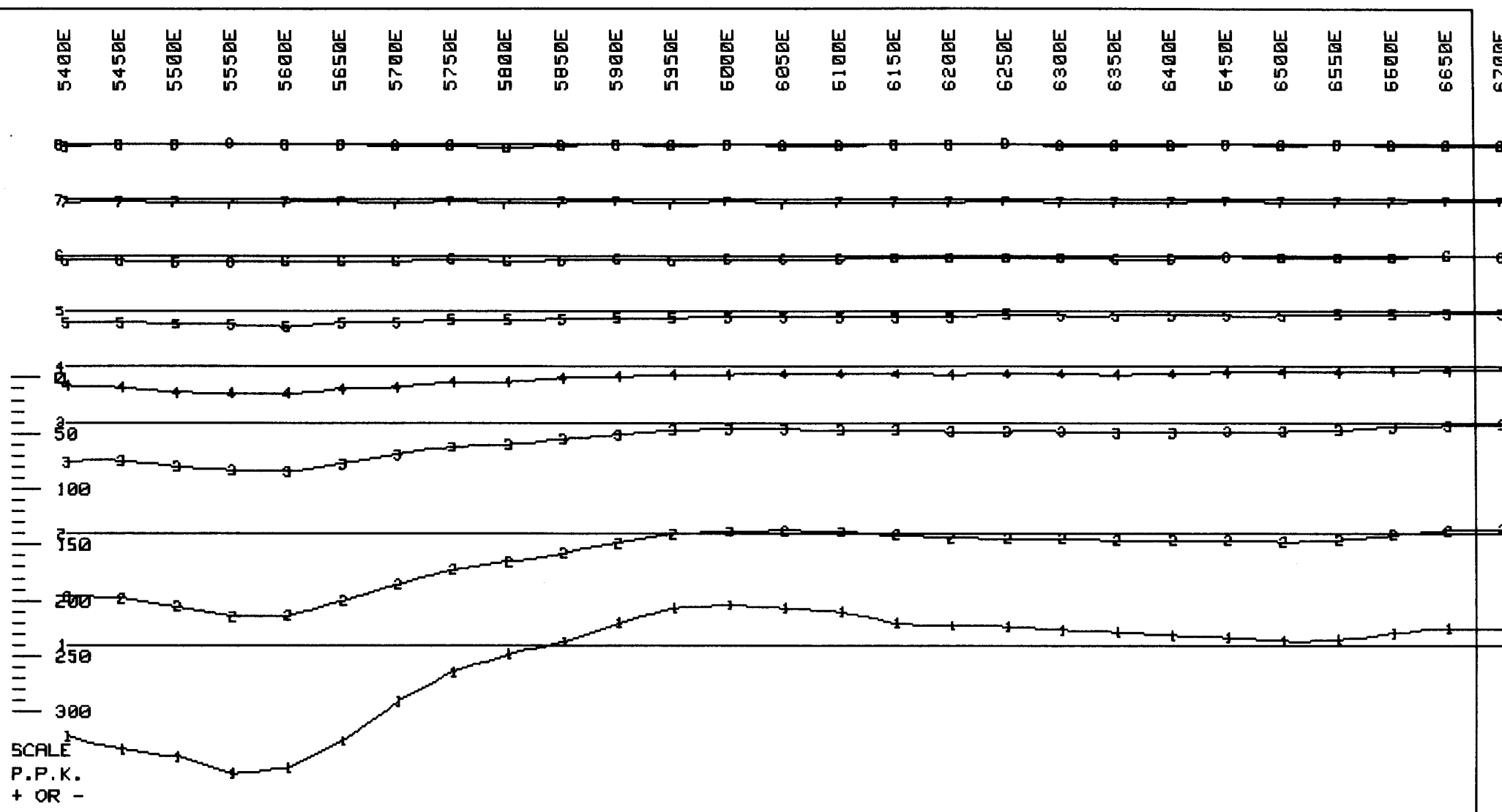
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1800N LOOP 4

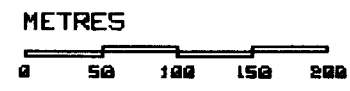
DATE: AUG/84 FIG.: 30



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOLOGICAL CONSULTING
& SERVICES LTD.

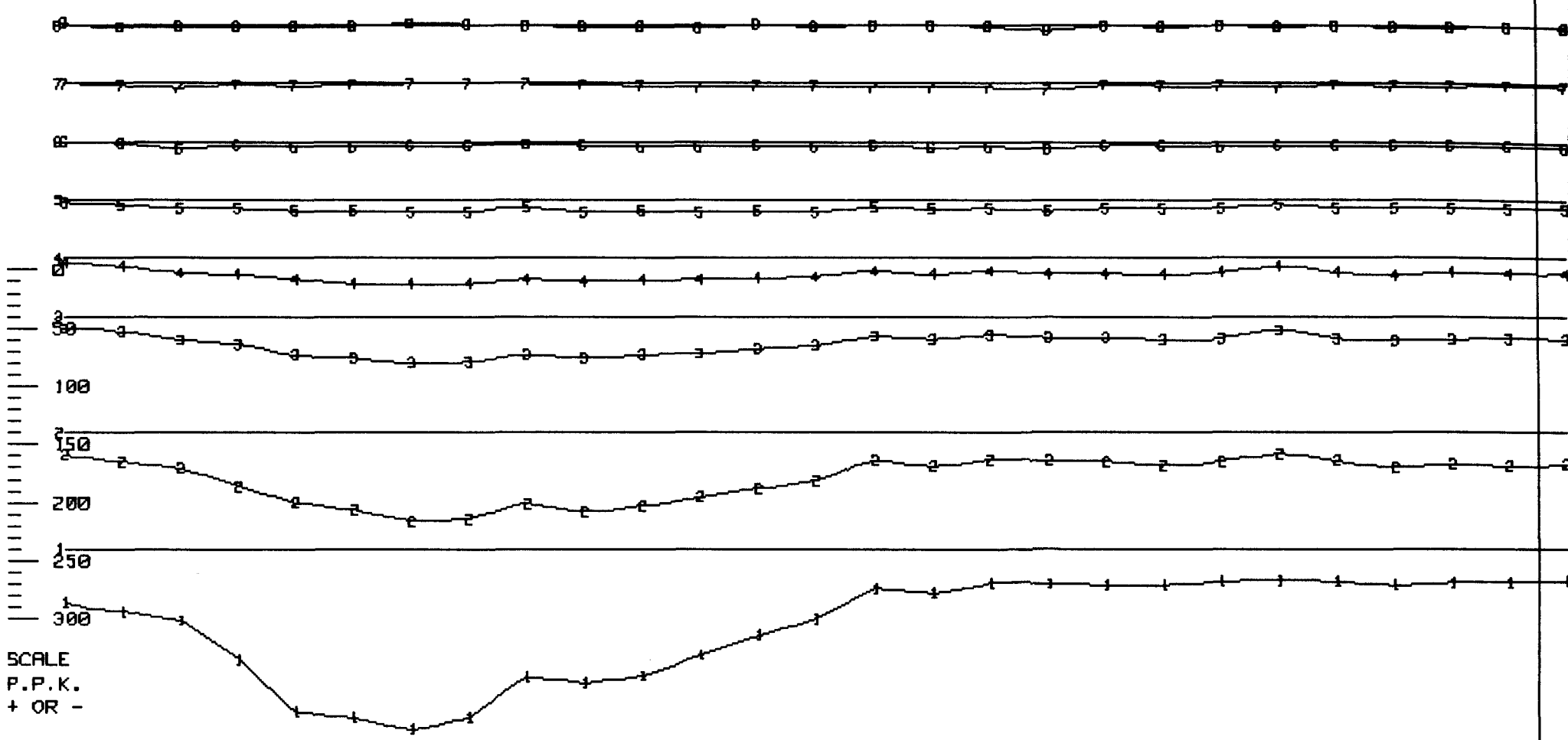
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2000N LOOP 3

DATE: AUG/84 FIG.: 31

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E 6700E



SCALE
P.P.K.
+ OR -

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



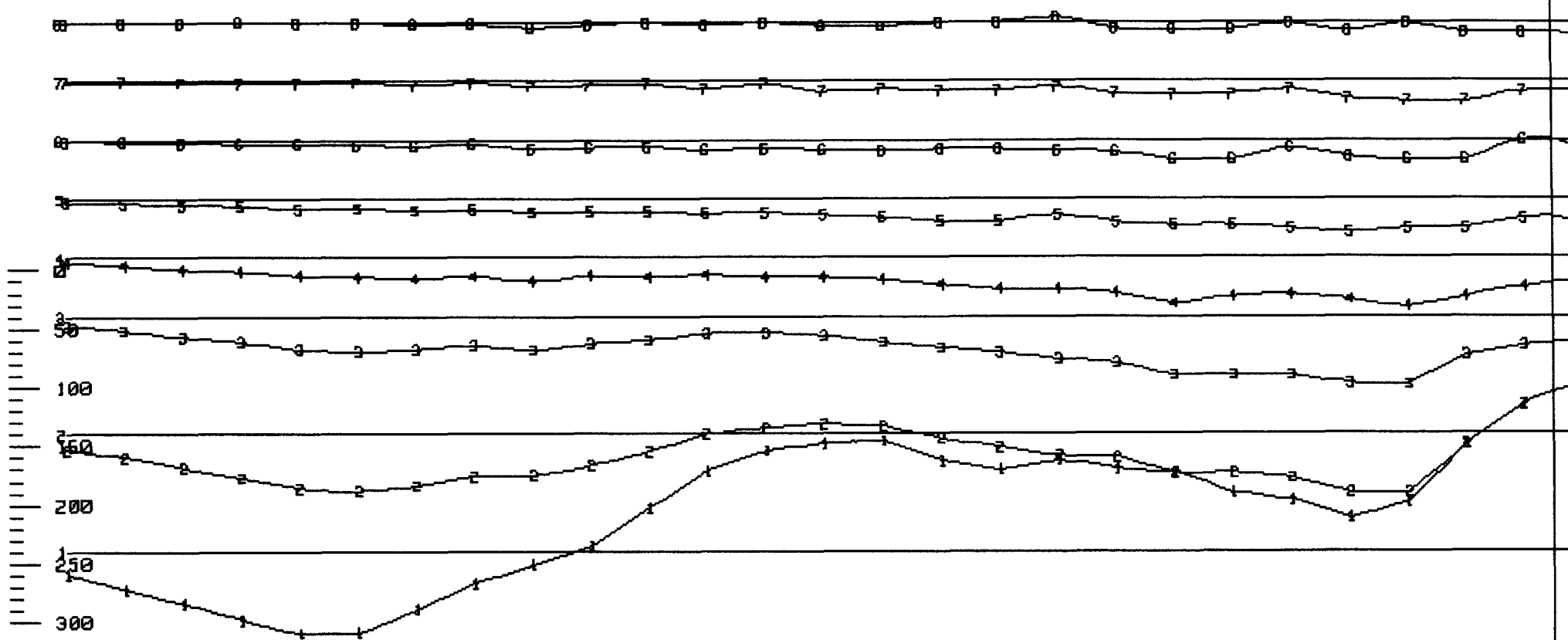
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2000N LOOP 3

DATE: AUG/84

FIG.: 32

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

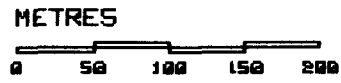
540E 545E 550E 555E 560E 565E 570E 575E 580E 585E 590E 595E 600E 605E 610E 615E 620E 625E 630E 635E 640E 645E 650E 655E 660E 665E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

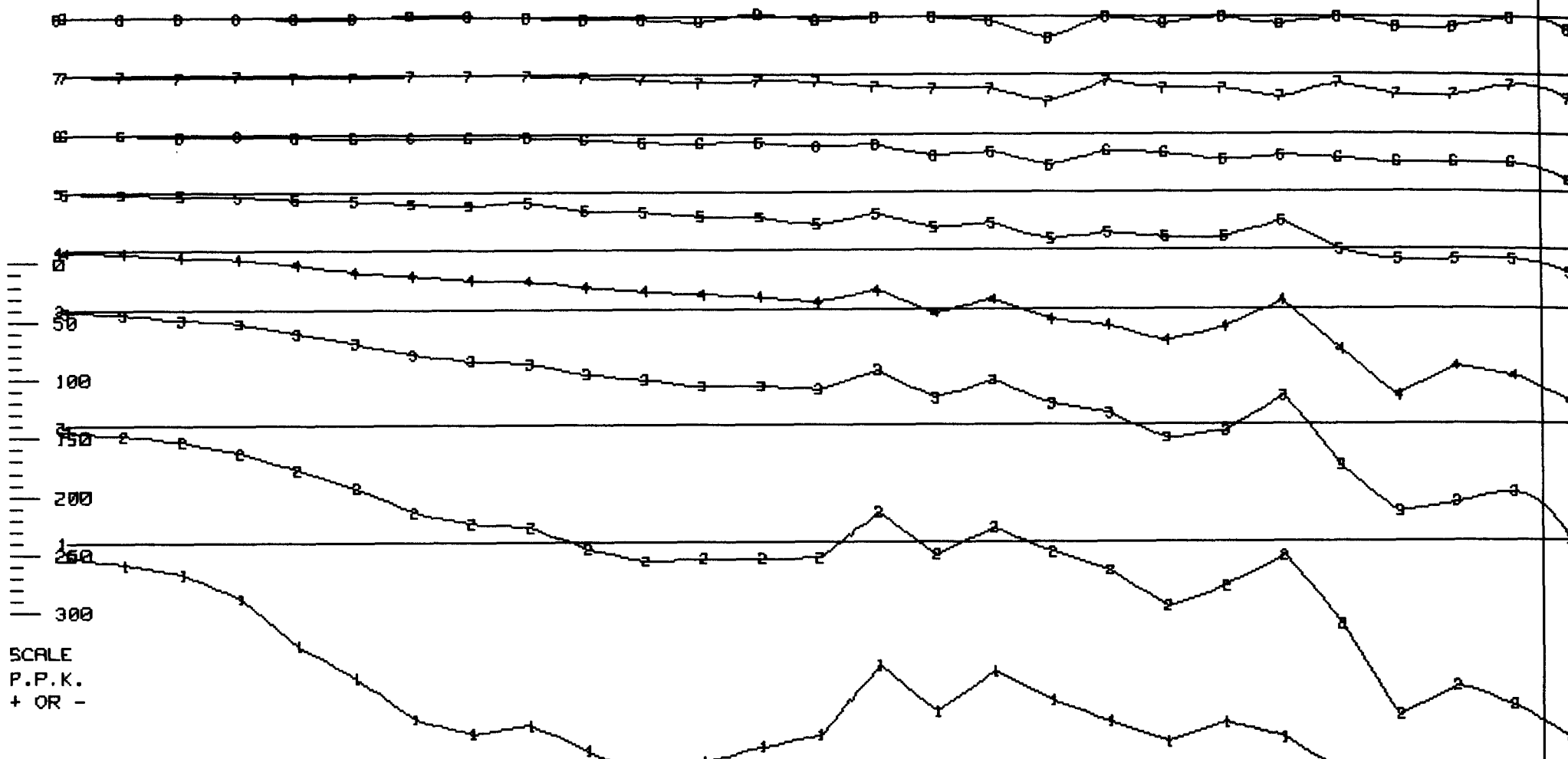
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2000N LOOP 3

DATE: AUG/84 FIG.: 33

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E 6700E

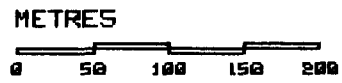


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SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

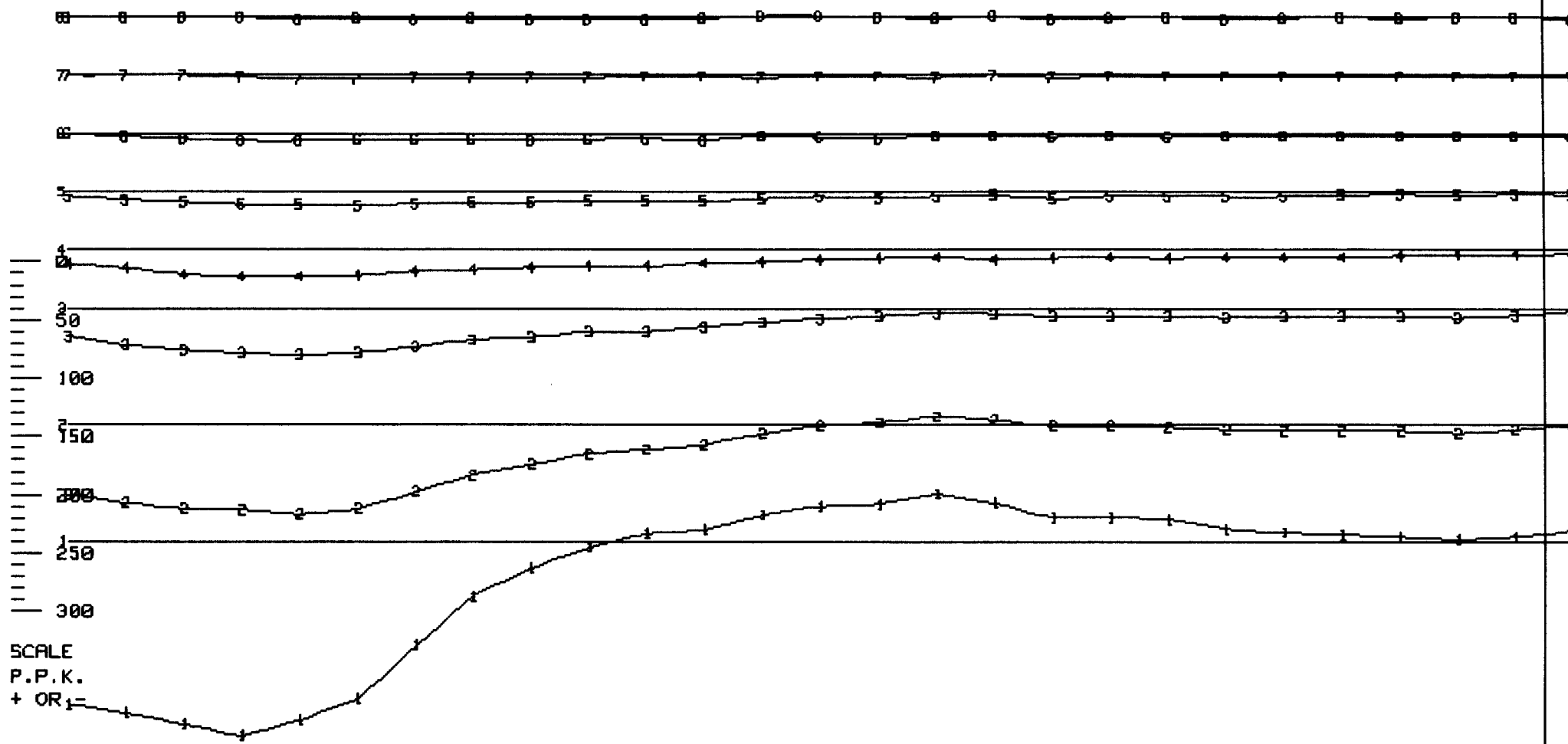
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2000N LOOP 3

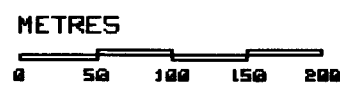
DATE: AUG/84 FIG.: 34

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

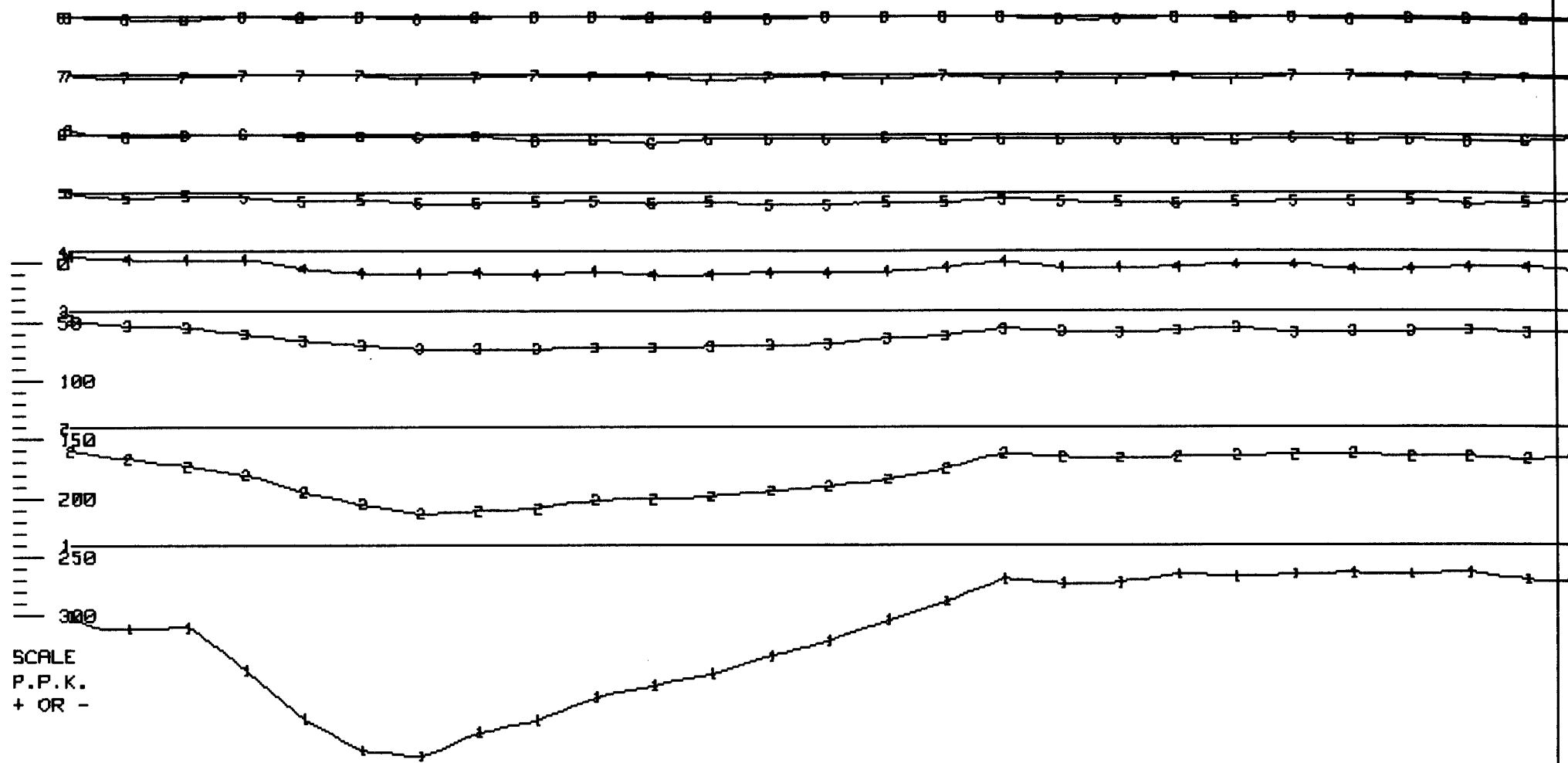
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2200N LOOP 3

DATE: AUG/84 FIG.: 35

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



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.

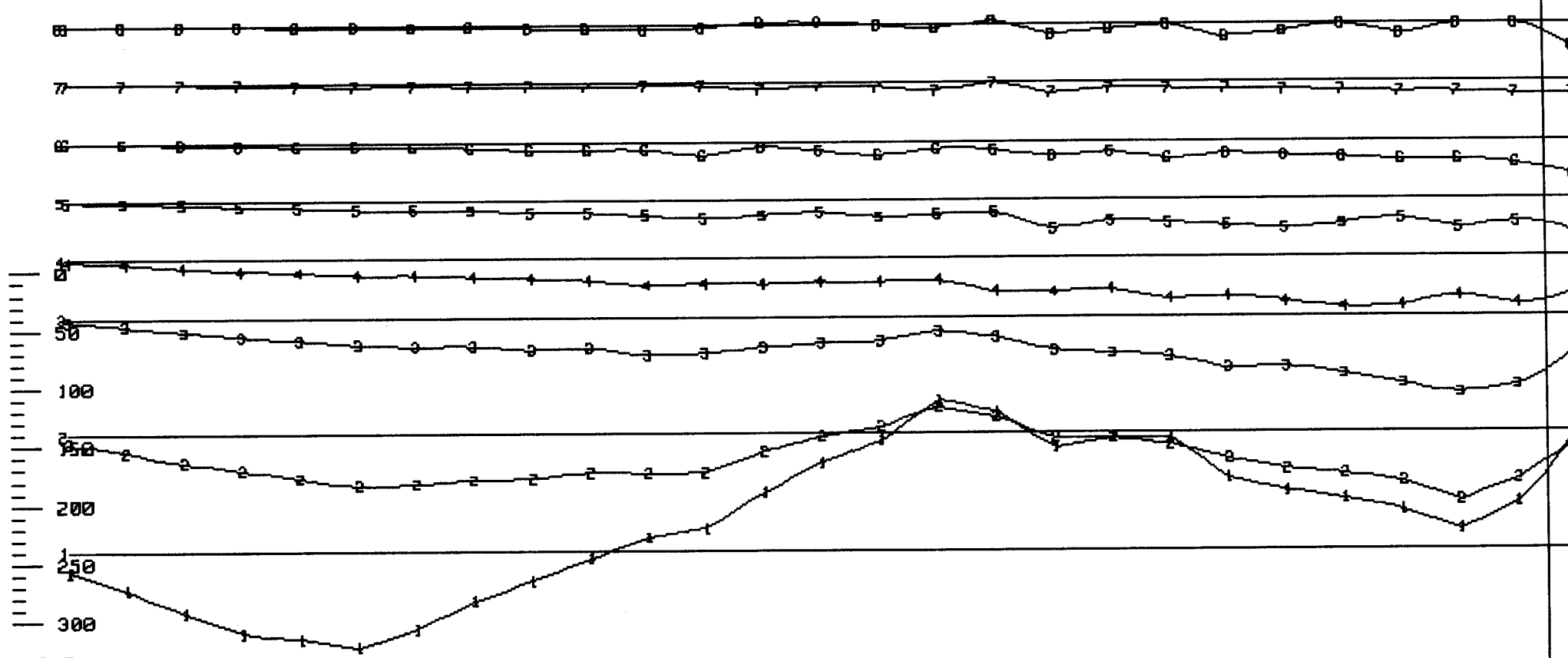


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2200N LOOP 3

DATE: AUG/84

FIG.: 36

540E 545E 550E 555E 560E 565E 570E 575E 580E 585E 590E 595E 600E 605E 610E 615E 620E 625E 630E 635E 640E 645E 650E 655E 660E 665E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

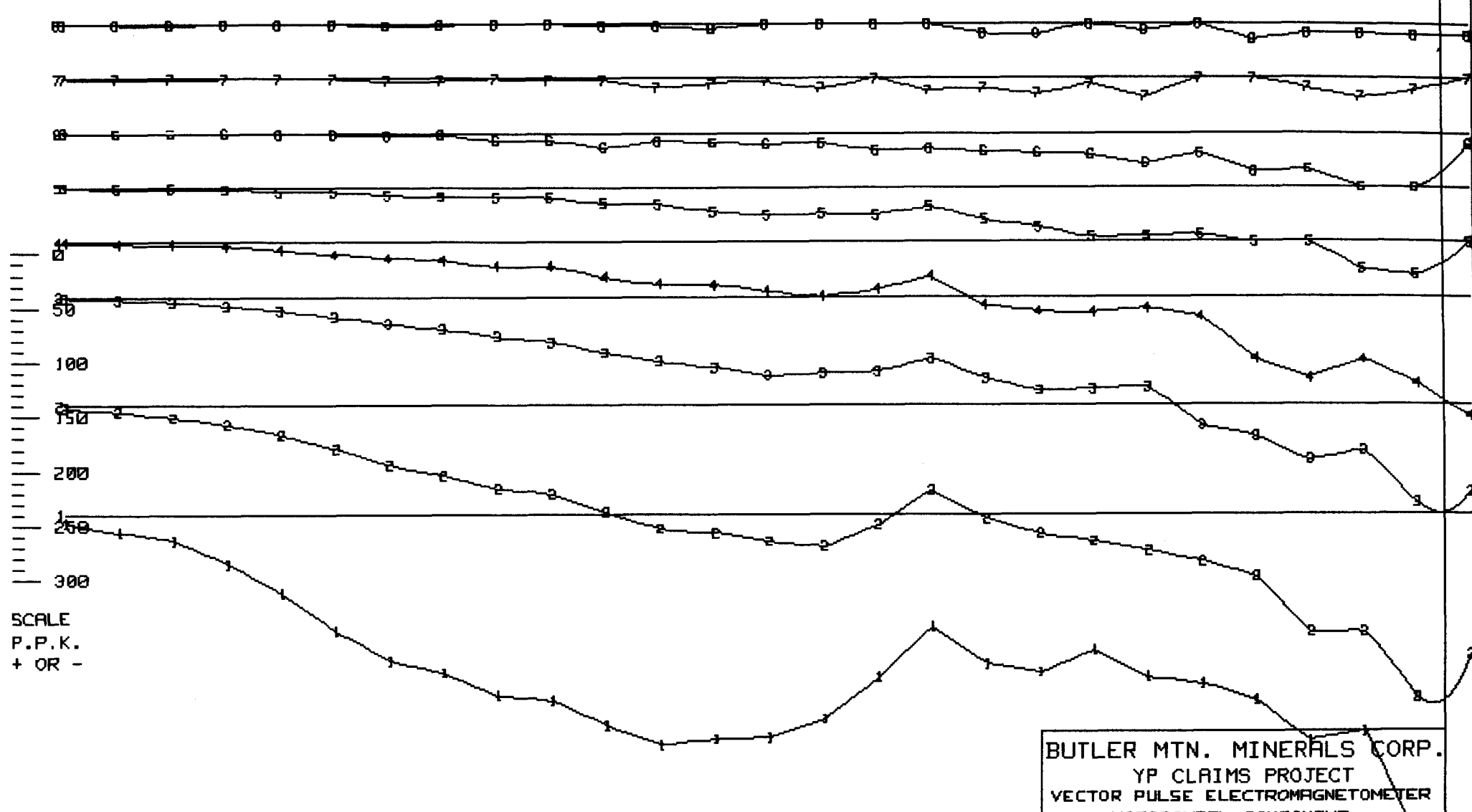
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2200N LOOP 3

DATE: AUG/84 FIG.: 37

5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E 6700E



SCALE
P.P.K.
+ OR -

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



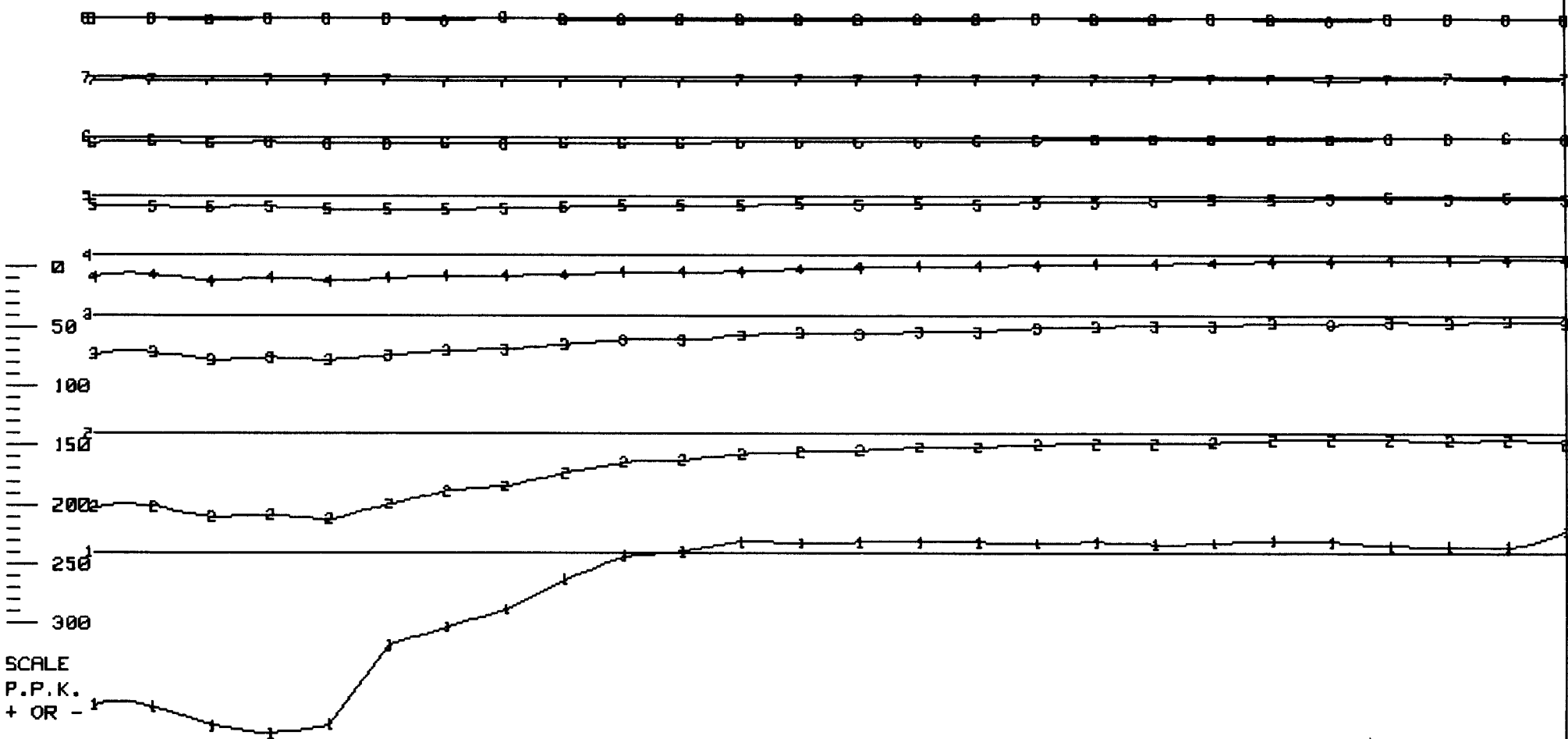
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2200N LOOP 3

DATE: AUG/84

FIG.: 38

GLEN E. WHITE
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& SERVICES LTD.

5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E 6700E



SCALE
P.P.K.
+ OR -

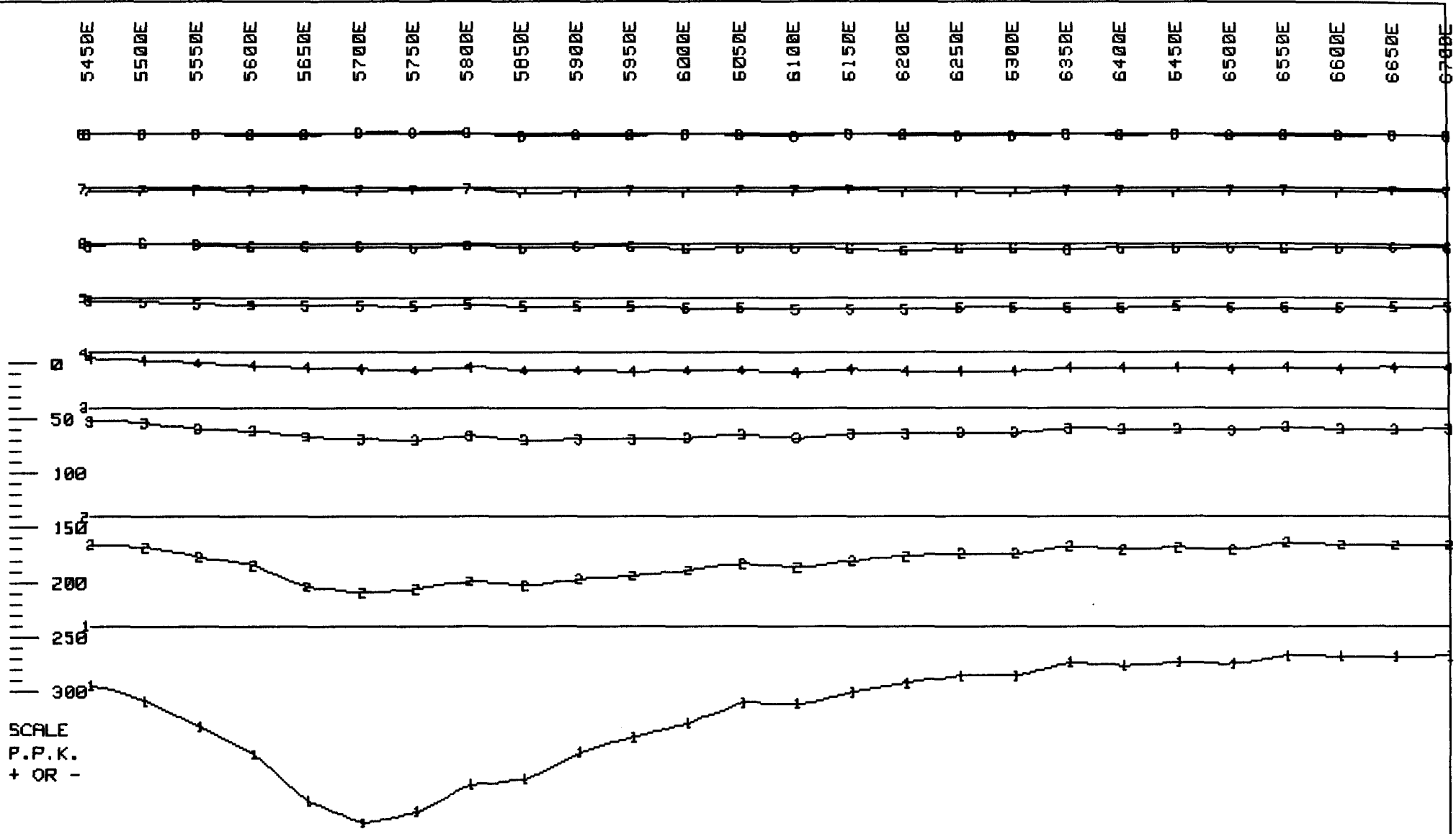
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2400N LOOP 3

DATE: AUG/84 FIG.: 39



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

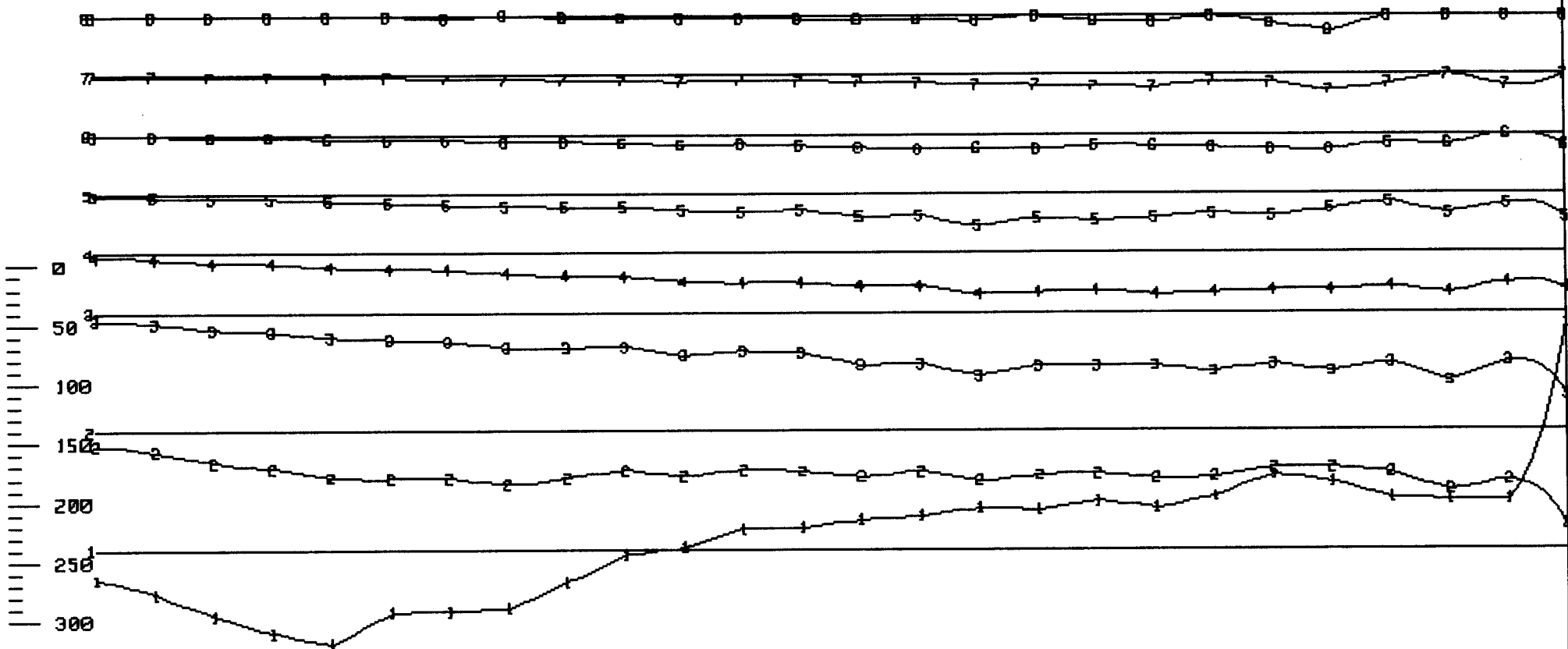
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2400N LOOP 3

DATE: AUG/84 FIG.: 40

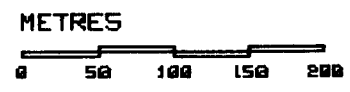
5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E 6700E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

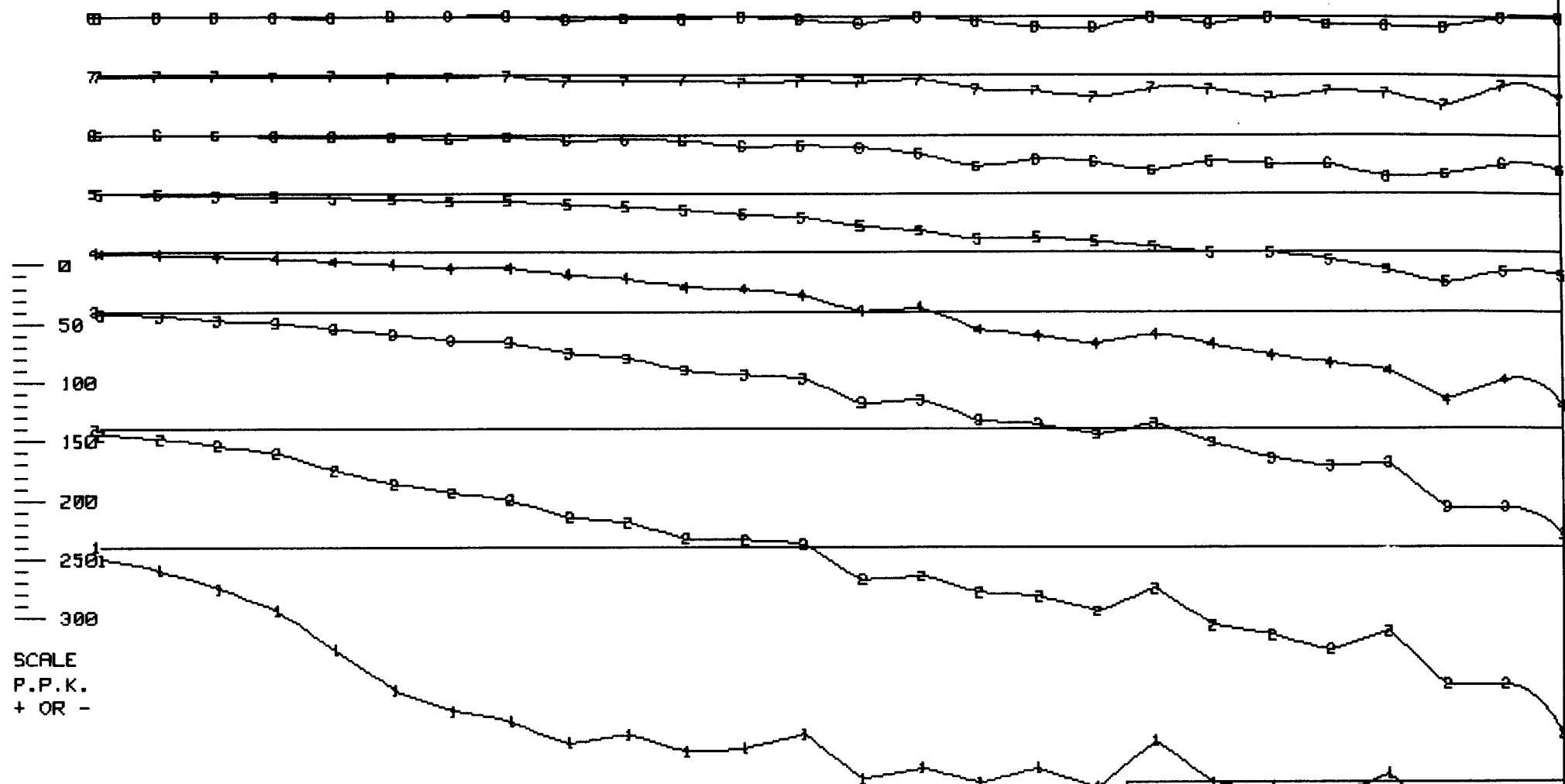
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2400N LOOP 3

DATE: AUG/84 FIG.: 41

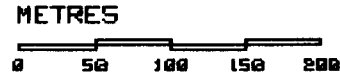
5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E 6700E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

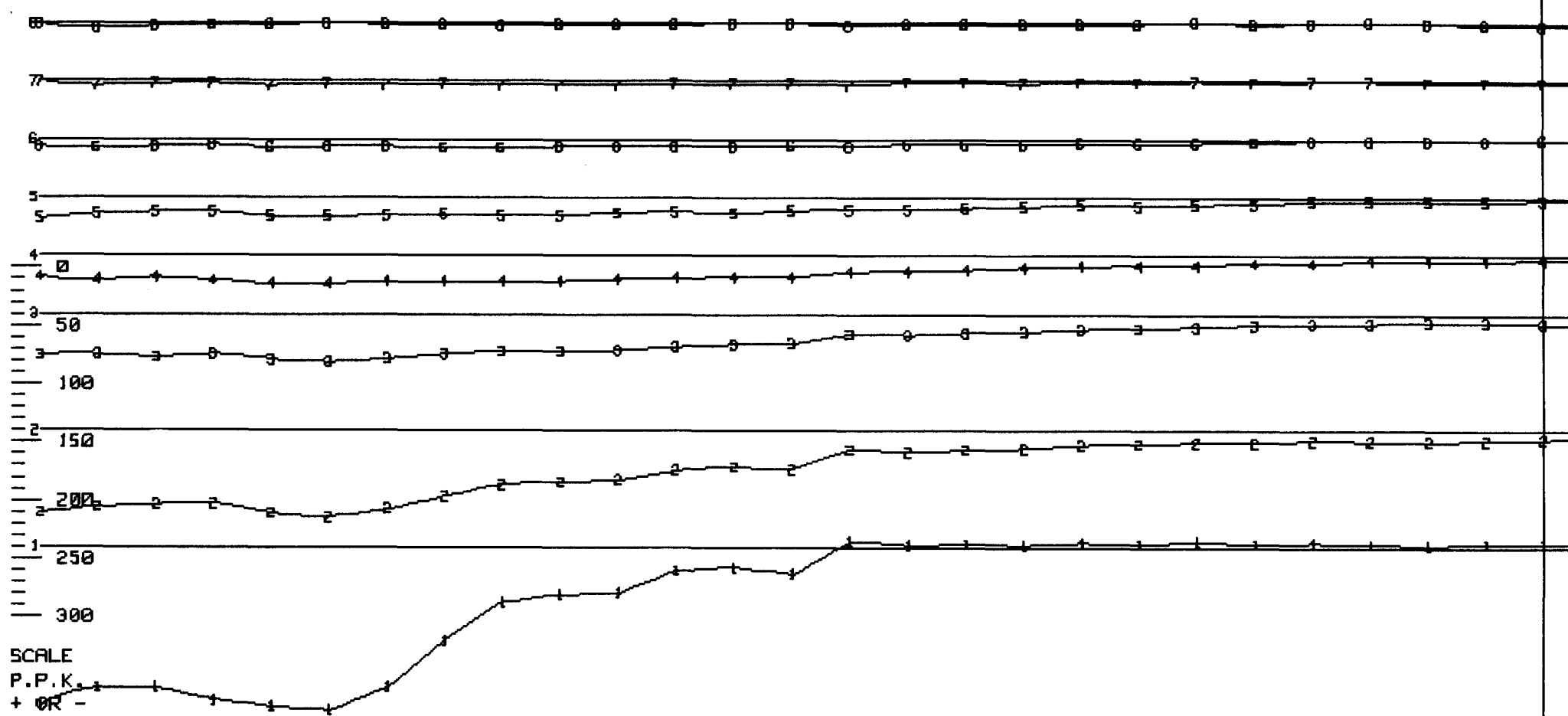
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2400N LOOP 3

DATE: AUG/84 FIG.: 42

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

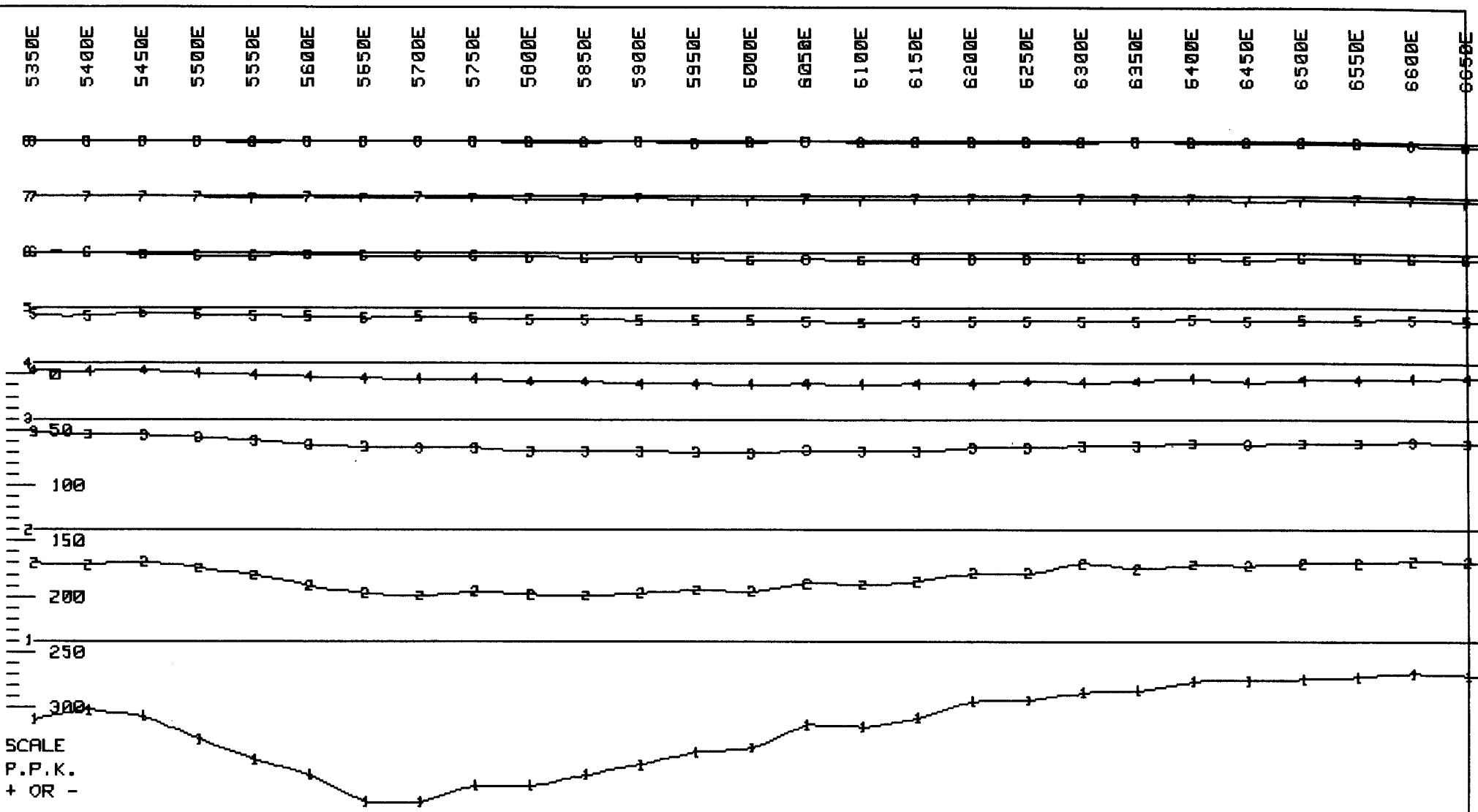
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2600N LOOP 3

DATE: AUG/84

FIG.: 43



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

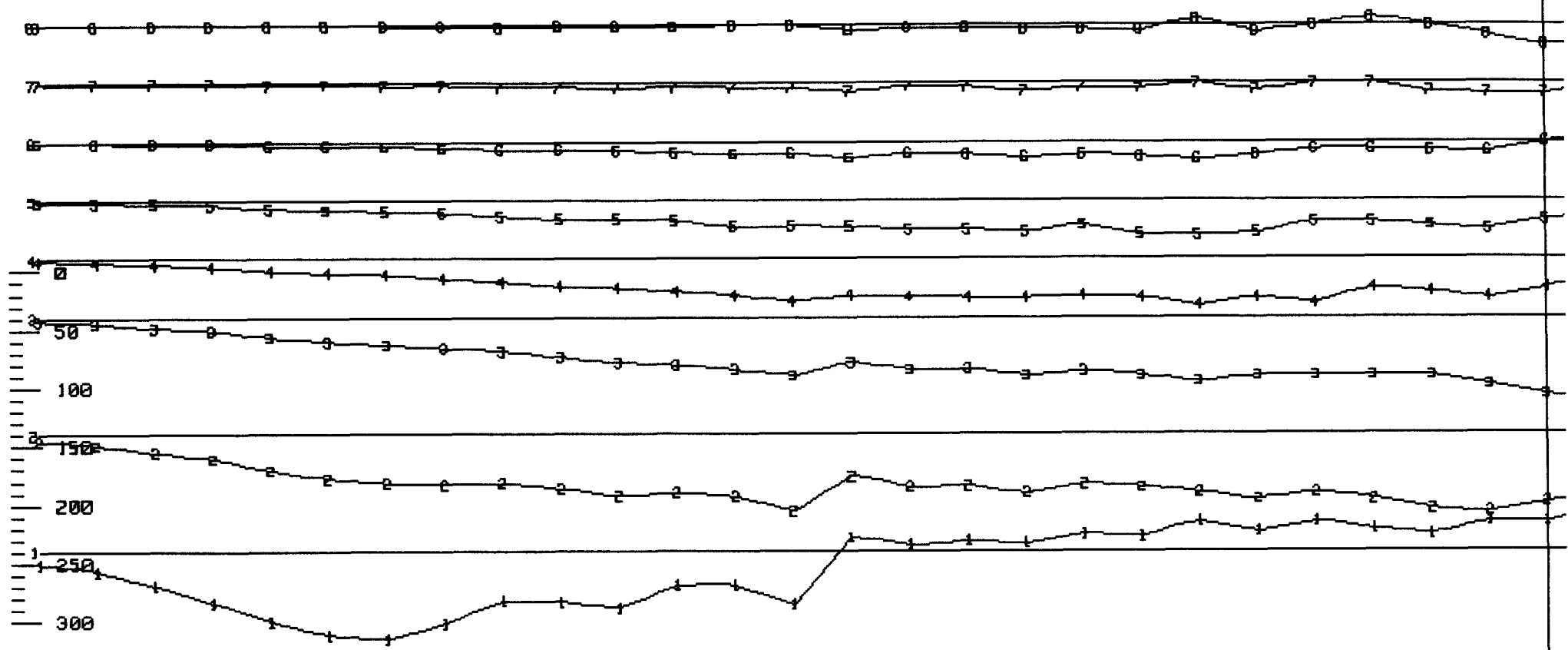
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2600N LOOP 3

DATE: AUG/84 FIG.: 44

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



SCALE
P.P.K.
+ OR -

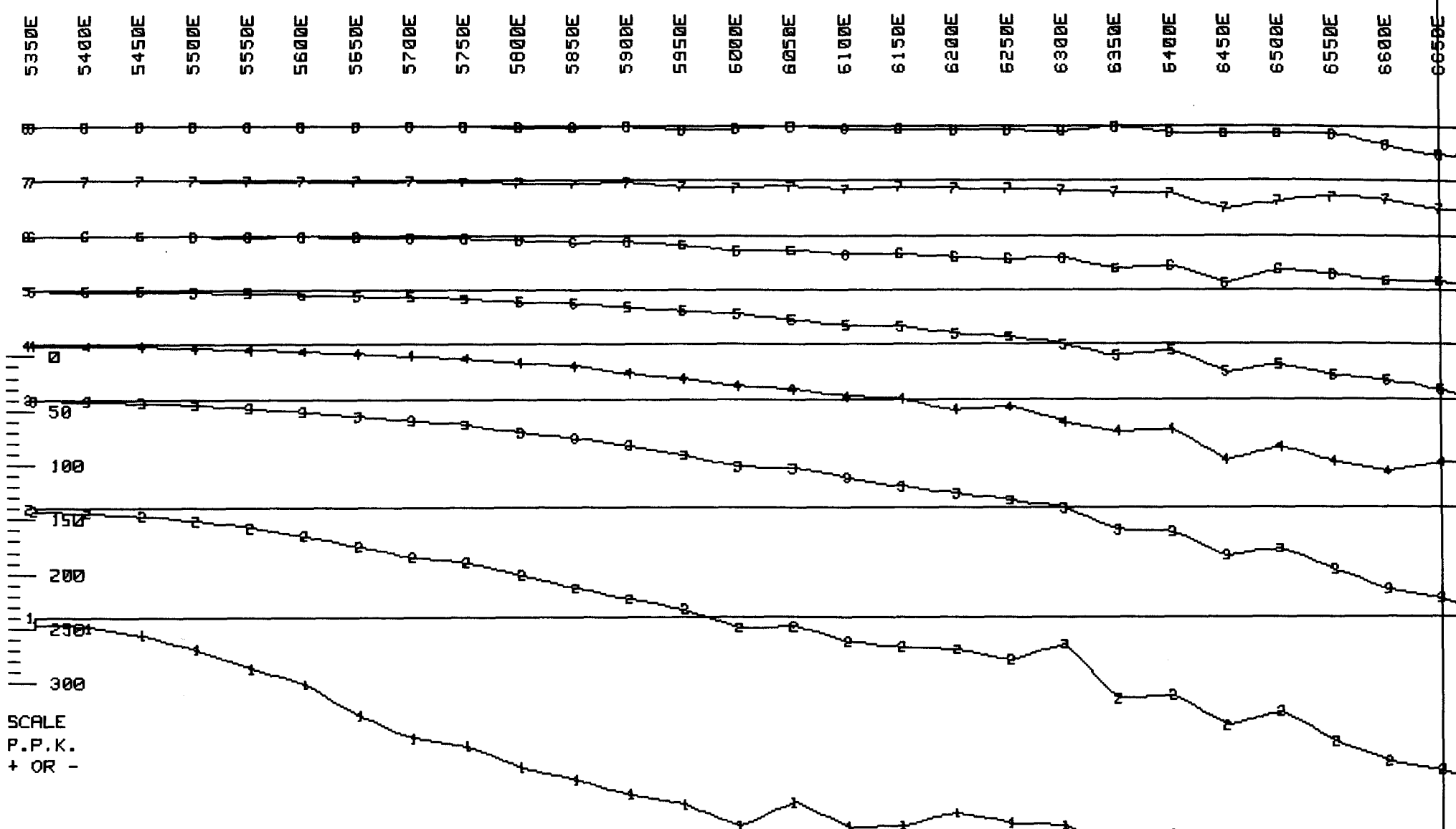
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2600N LOOP 3

DATE: AUG/84 FIG.: 45



GLEN E. WHITE
 GEOPHYSICAL CONSULTING
 & SERVICES LTD.

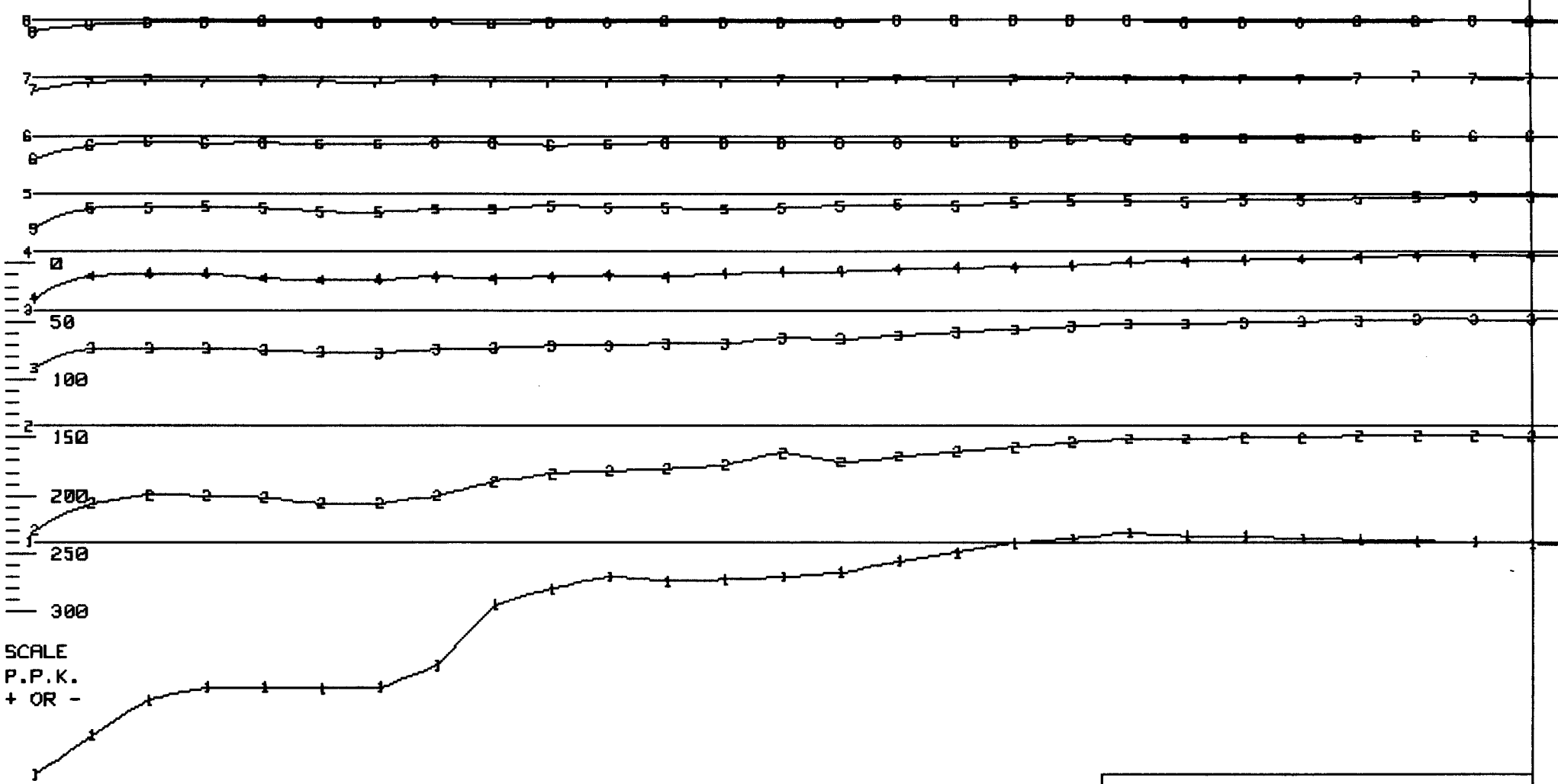
PRIMARY FIELD NORMALIZED DATA
 NUMBER IN LINE-CHANNEL NUMBER
 INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
 YP CLAIMS PROJECT
 VECTOR PULSE ELECTROMAGNETOMETER
 HORIZONTAL COMPONENT
 LINE 2600N LOOP 3

DATE: AUG/84 FIG.: 46

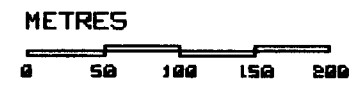
5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

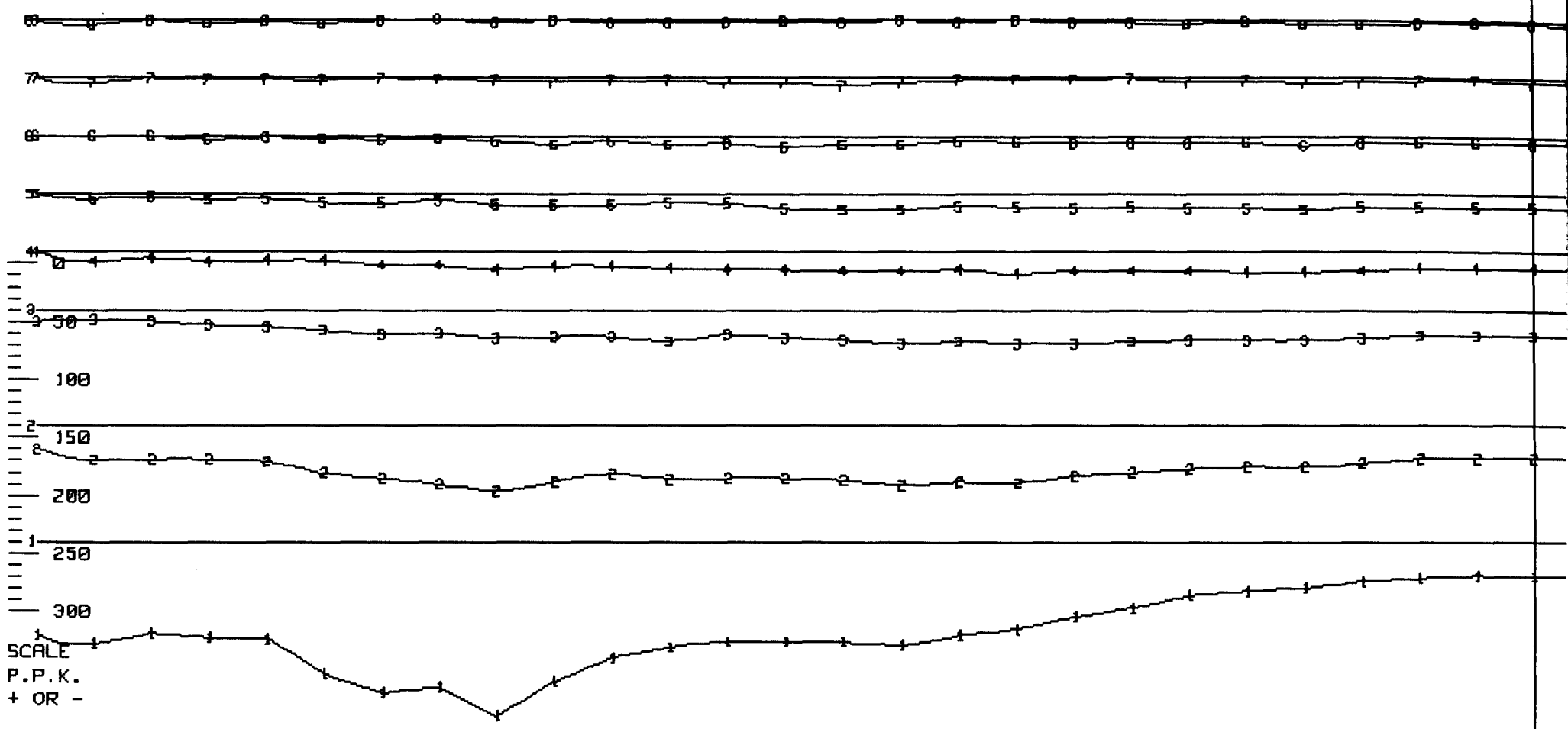
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2000N LOOP 3

DATE: AUG/84 FIG.: 47

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

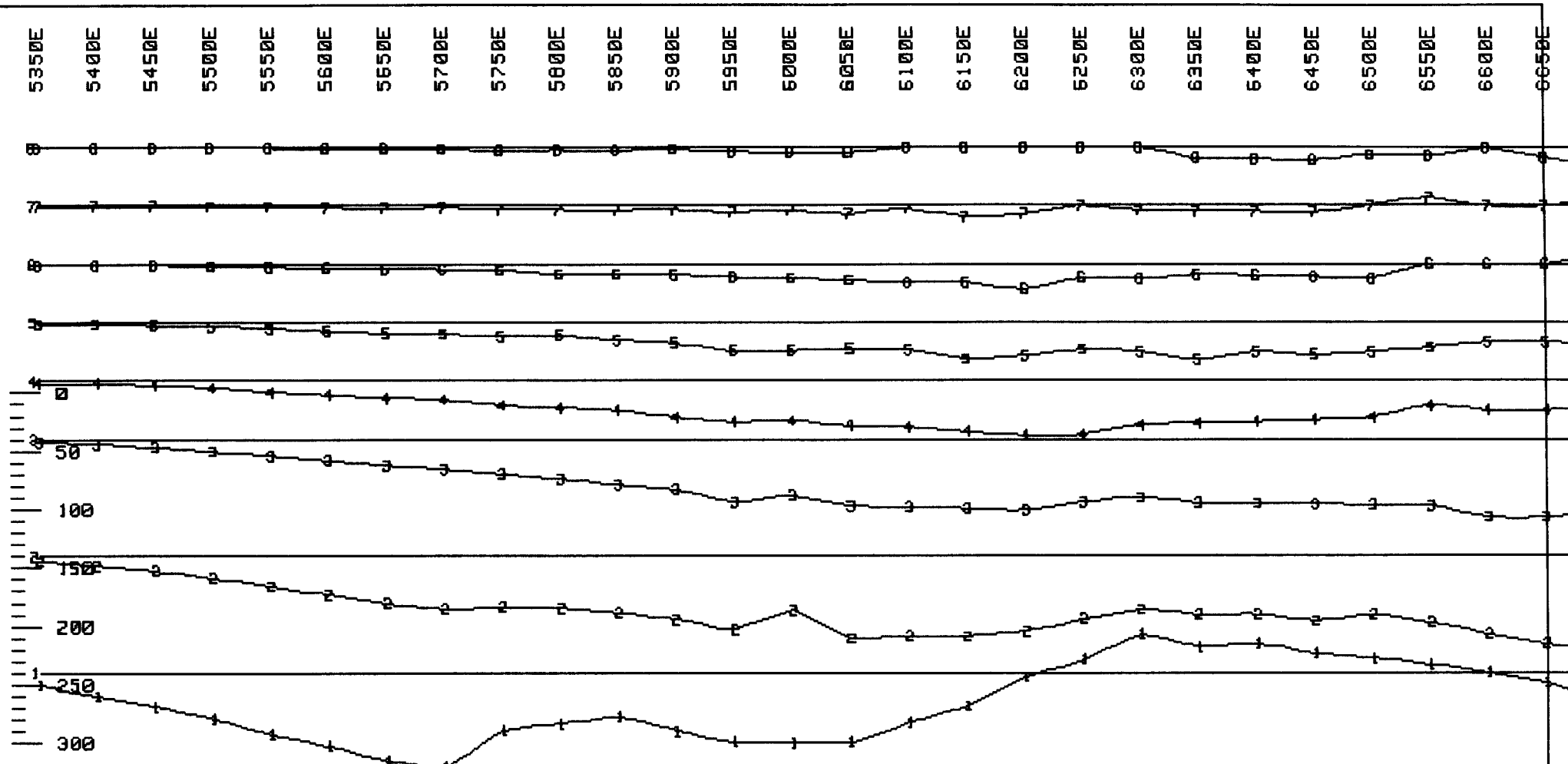
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2800N LOOP 3

DATE: AUG/84

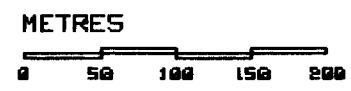
FIG.: 48



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

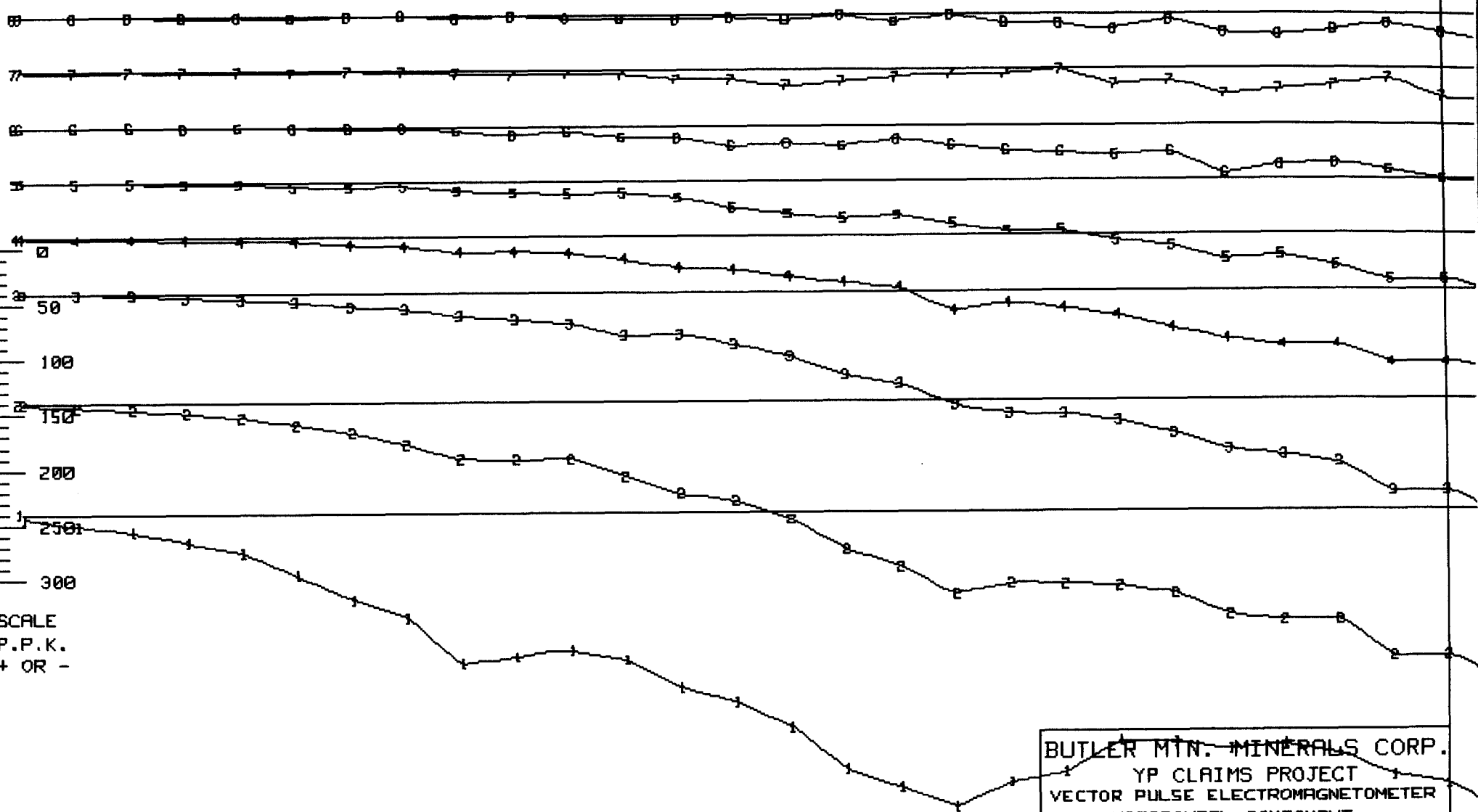
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 2000N LOOP 3

DATE: AUG/84 FIG.: 49

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E 6350E 6400E 6450E 6500E 6550E 6600E 6650E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

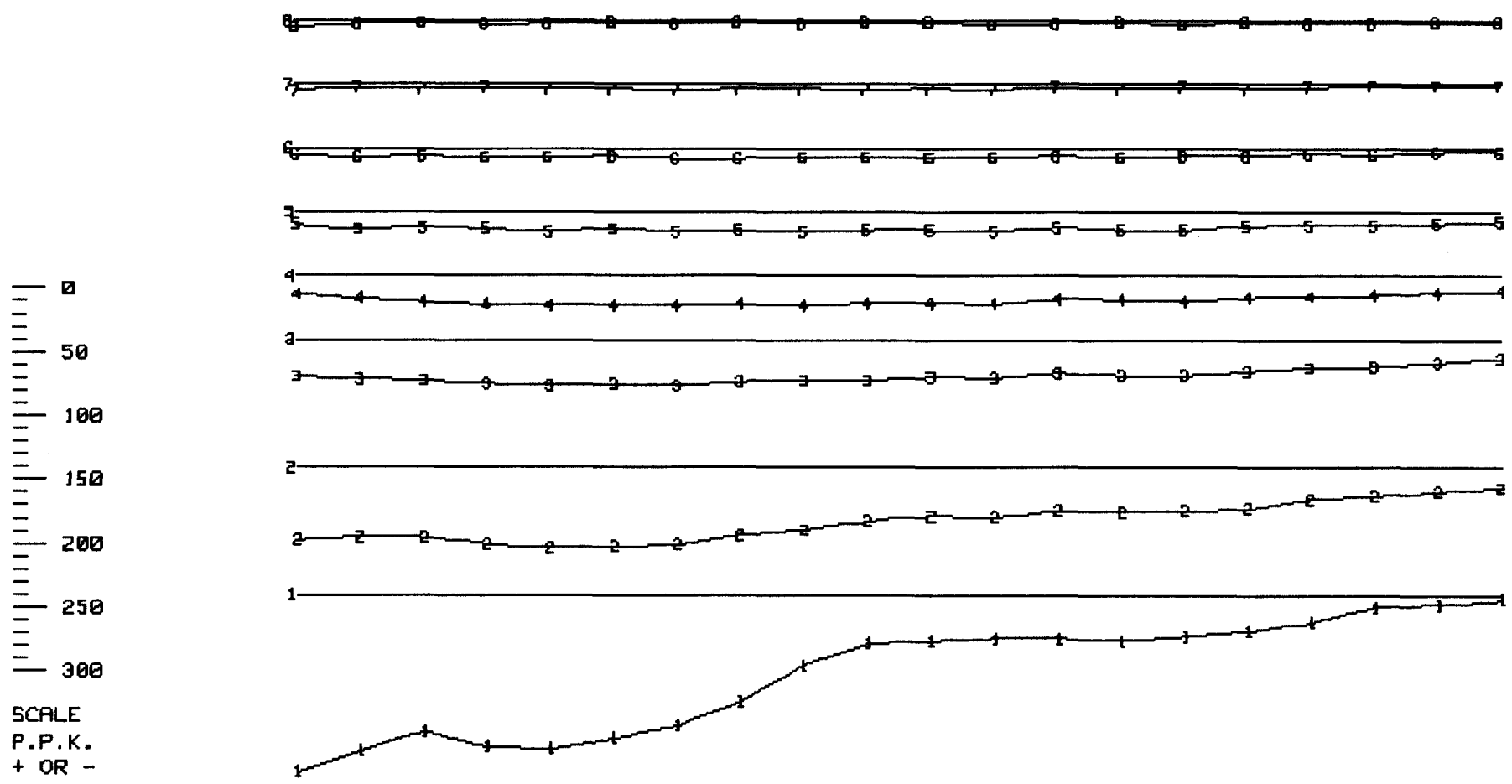
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER Mtn. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 2800N LOOP 3

DATE: AUG/84 FIG.: 50

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 3000N LOOP 3

DATE: AUG/84 FIG.: 51

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E



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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.

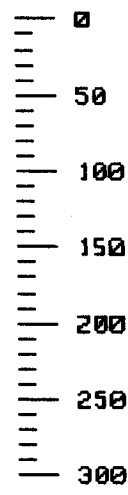
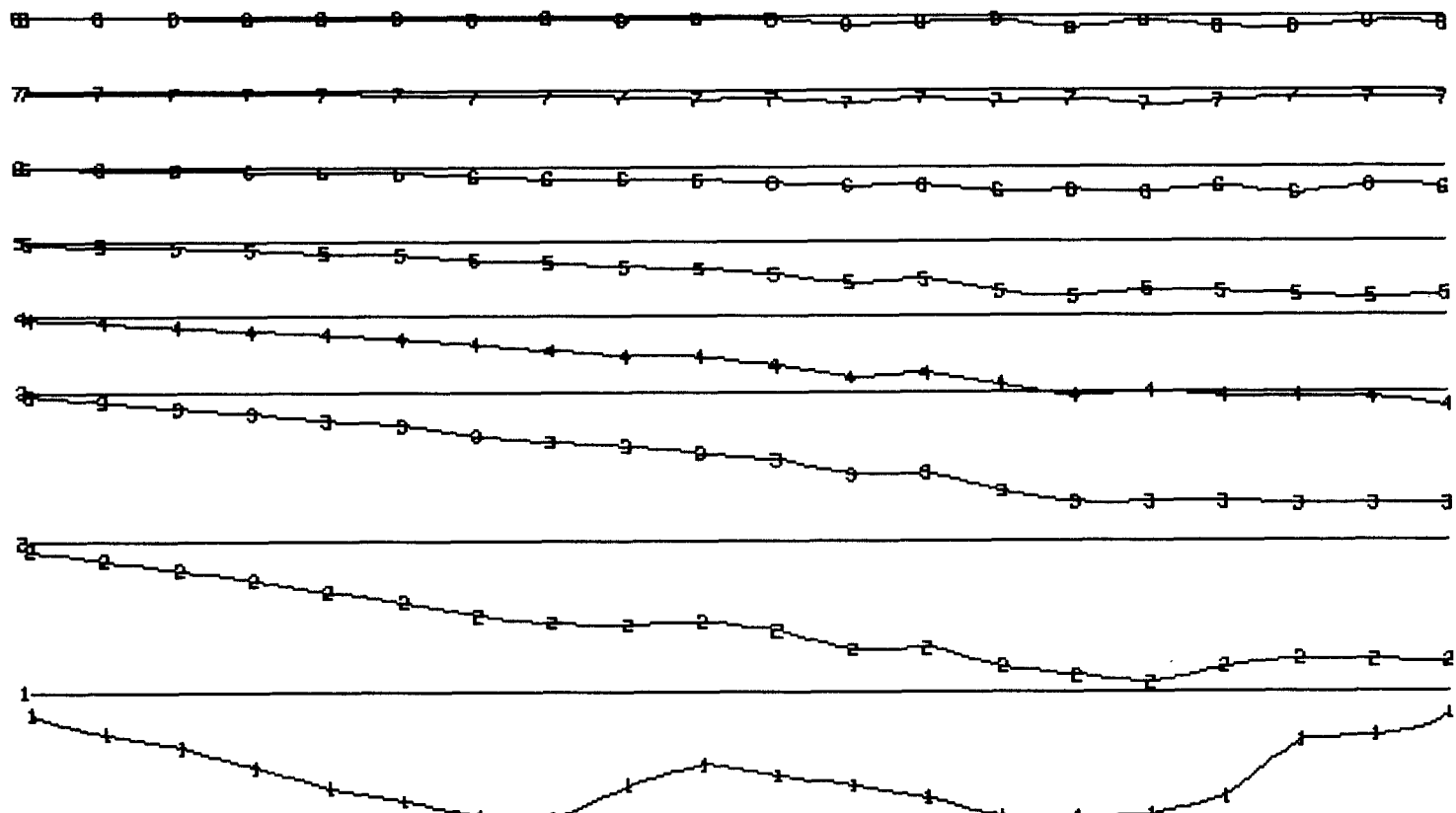


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 3000N LOOP 3

DATE: AUG/84

FIG.: 52

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
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& SERVICES LTD.

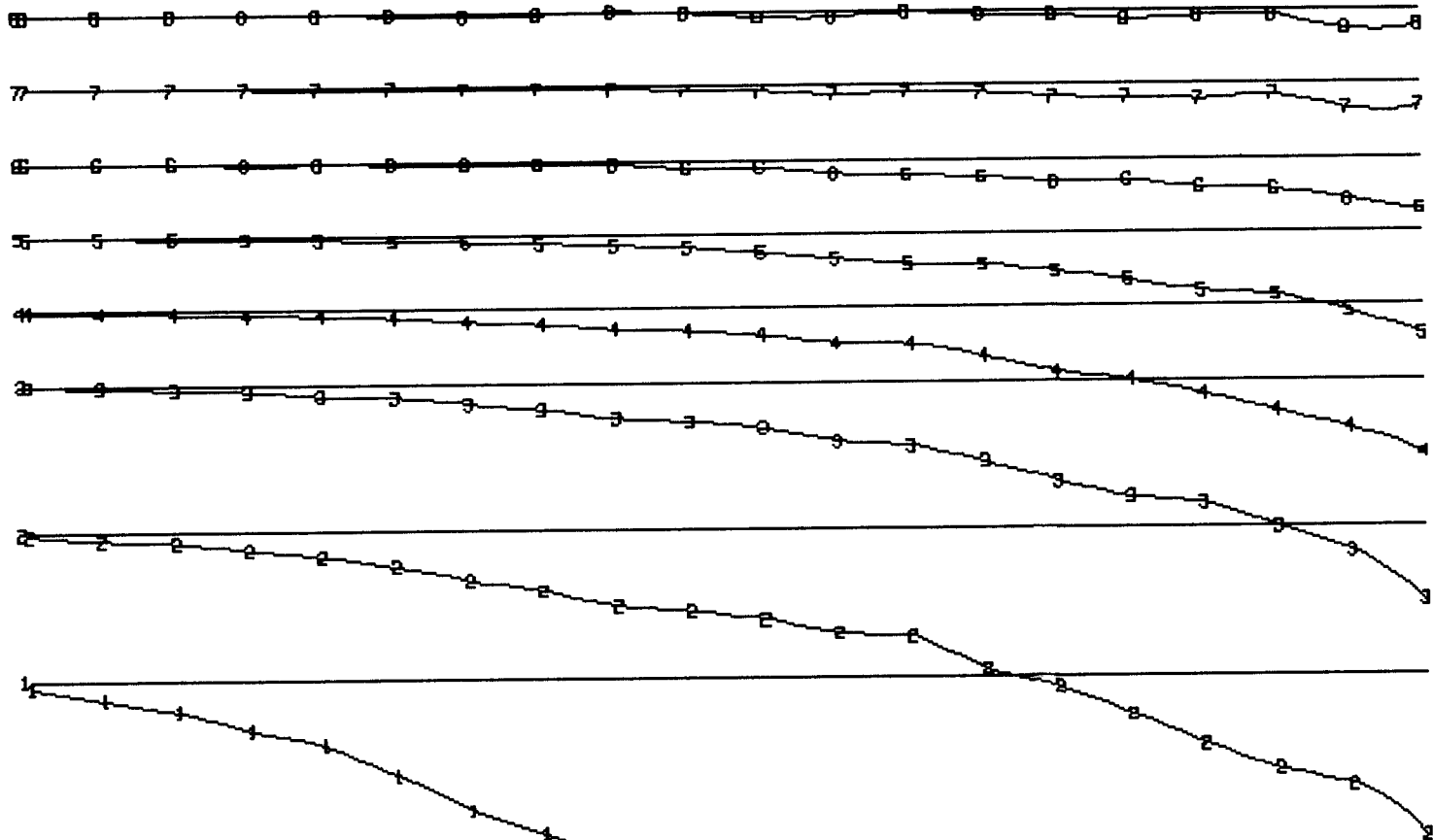
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 3000N LOOP 3

DATE: AUG/84 FIG.: 53

5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E 5850E 5900E 5950E 6000E 6050E 6100E 6150E 6200E 6250E 6300E



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.



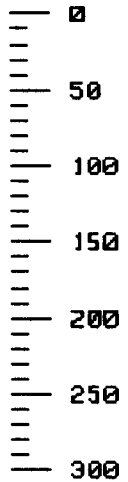
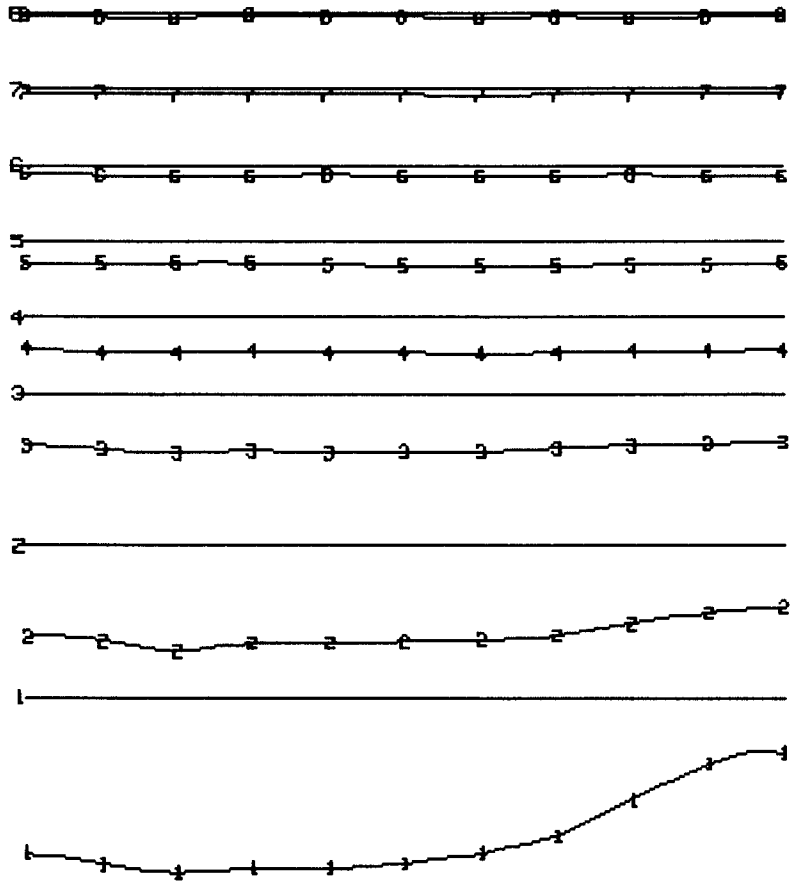
BUTLER MTN. MINERALS CORP.
YF CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 3000N LOOP 3

DATE: AUG/84

FIG.: 54

LOOP 3

5300E 5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E



SCALE
P.P.K.
+ OR -

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 3200N LOOP 3

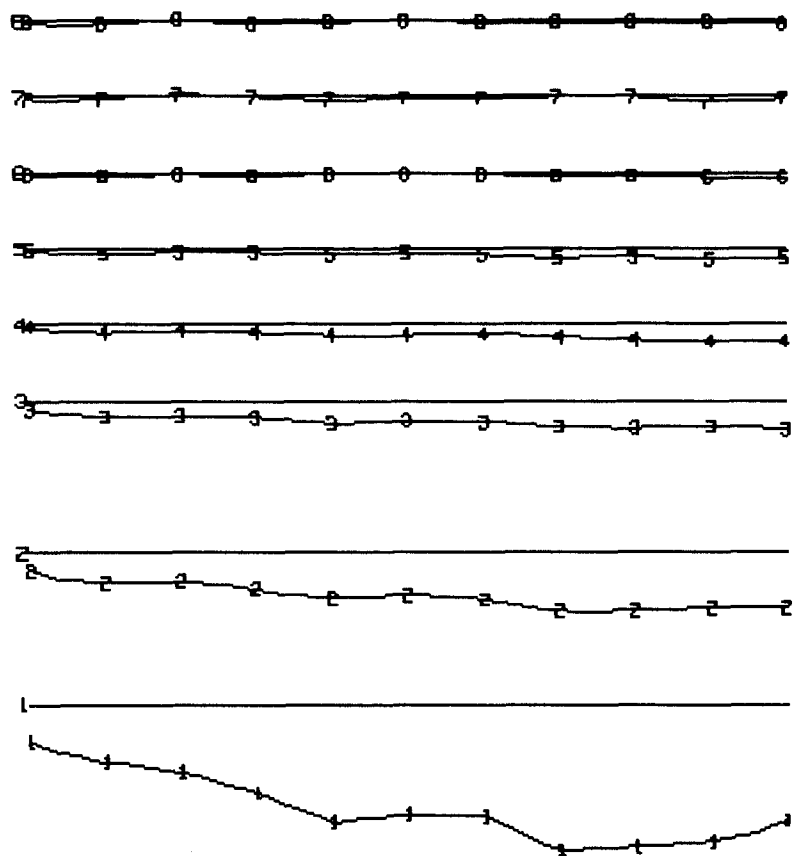
DATE: AUG/84

FIG.: 55

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& SERVICES LTD.

LOOP 3

5300E 5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E



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

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

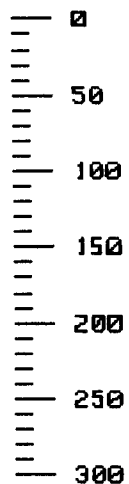
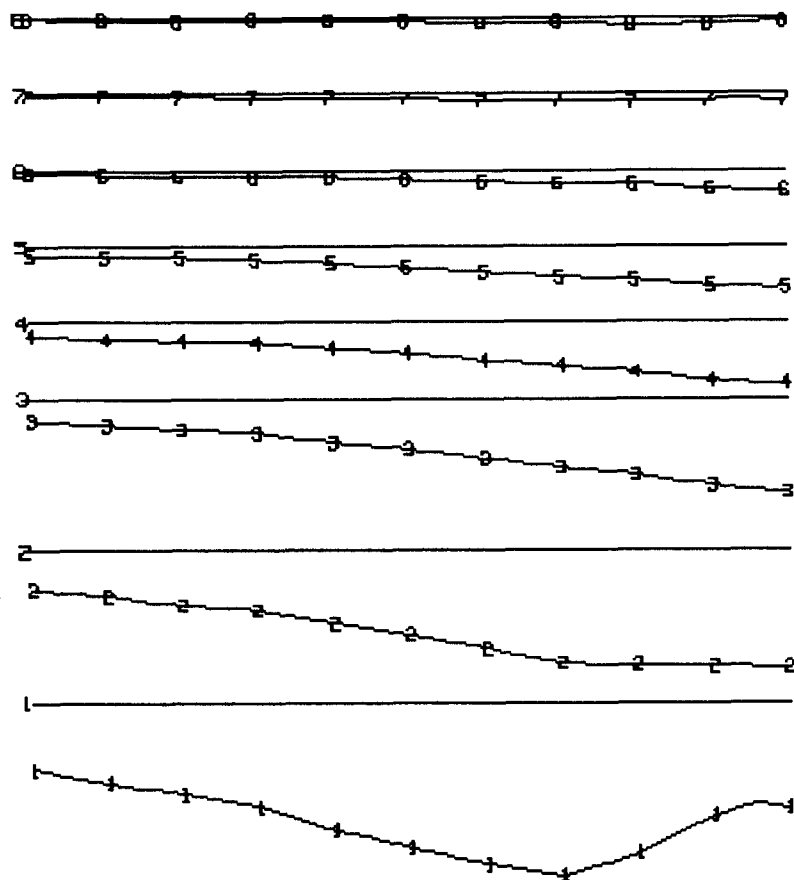
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 3200N LOOP 3

DATE: AUG/84

FIG.: 56

LOOP 3

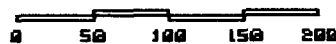
5300E 5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E



SCALE
P.P.K.
+ OR -

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

METRES



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 3200N LOOP 3

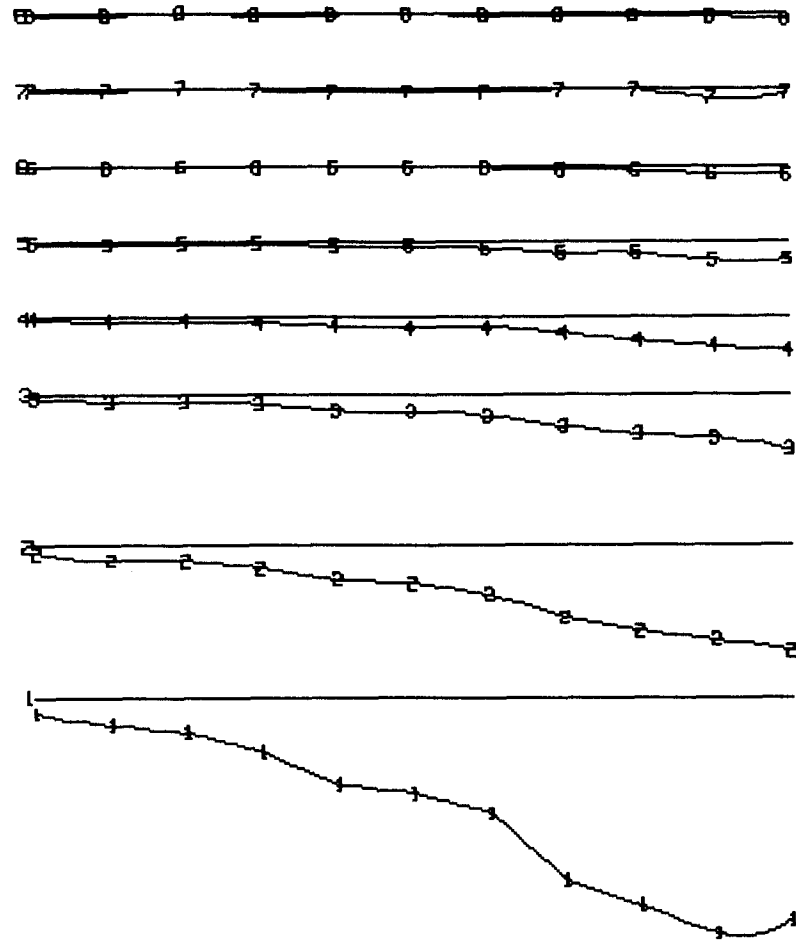
DATE: AUG/84

FIG.: 57

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LOOP 3

5300E 5350E 5400E 5450E 5500E 5550E 5600E 5650E 5700E 5750E 5800E



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

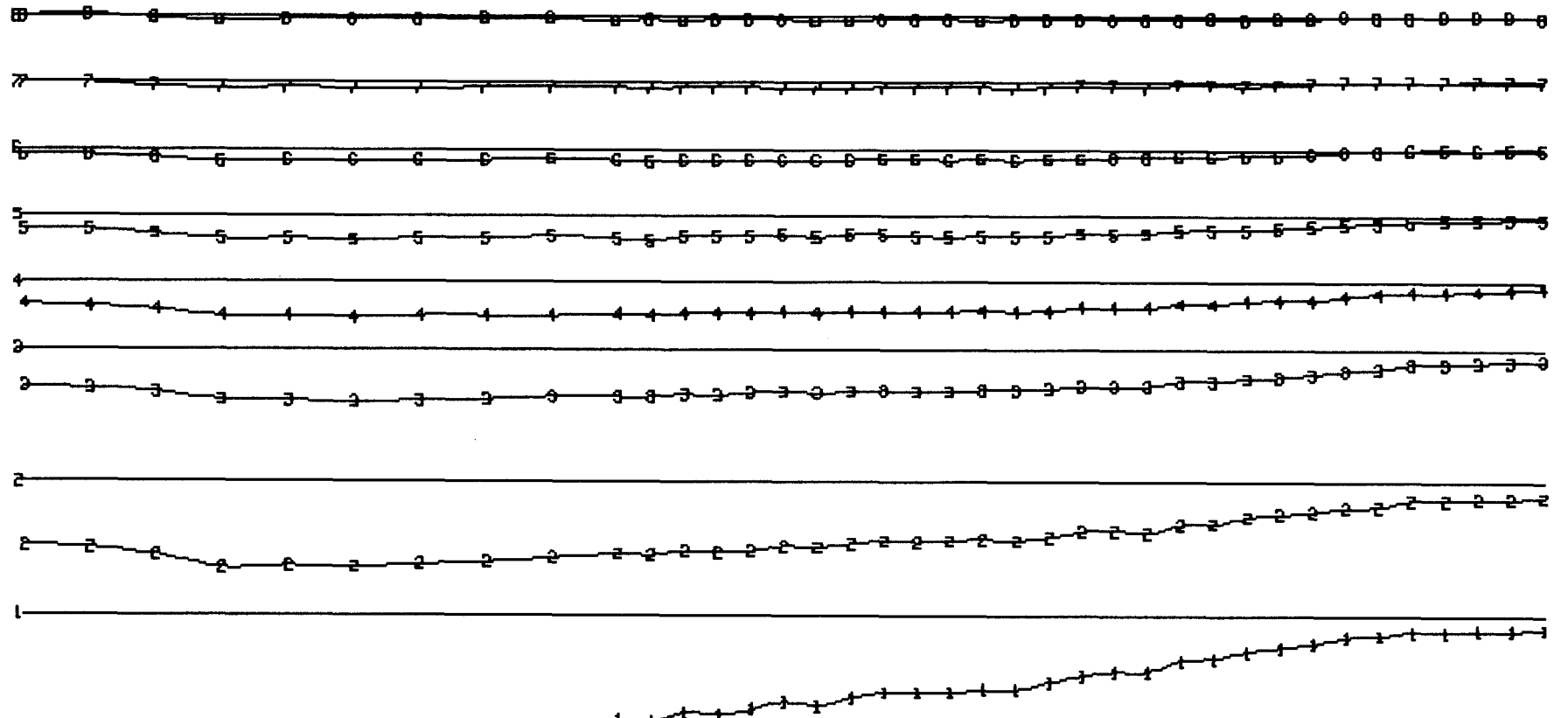
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 3200N LOOP 3

DATE: AUG/84

FIG.: 58

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



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

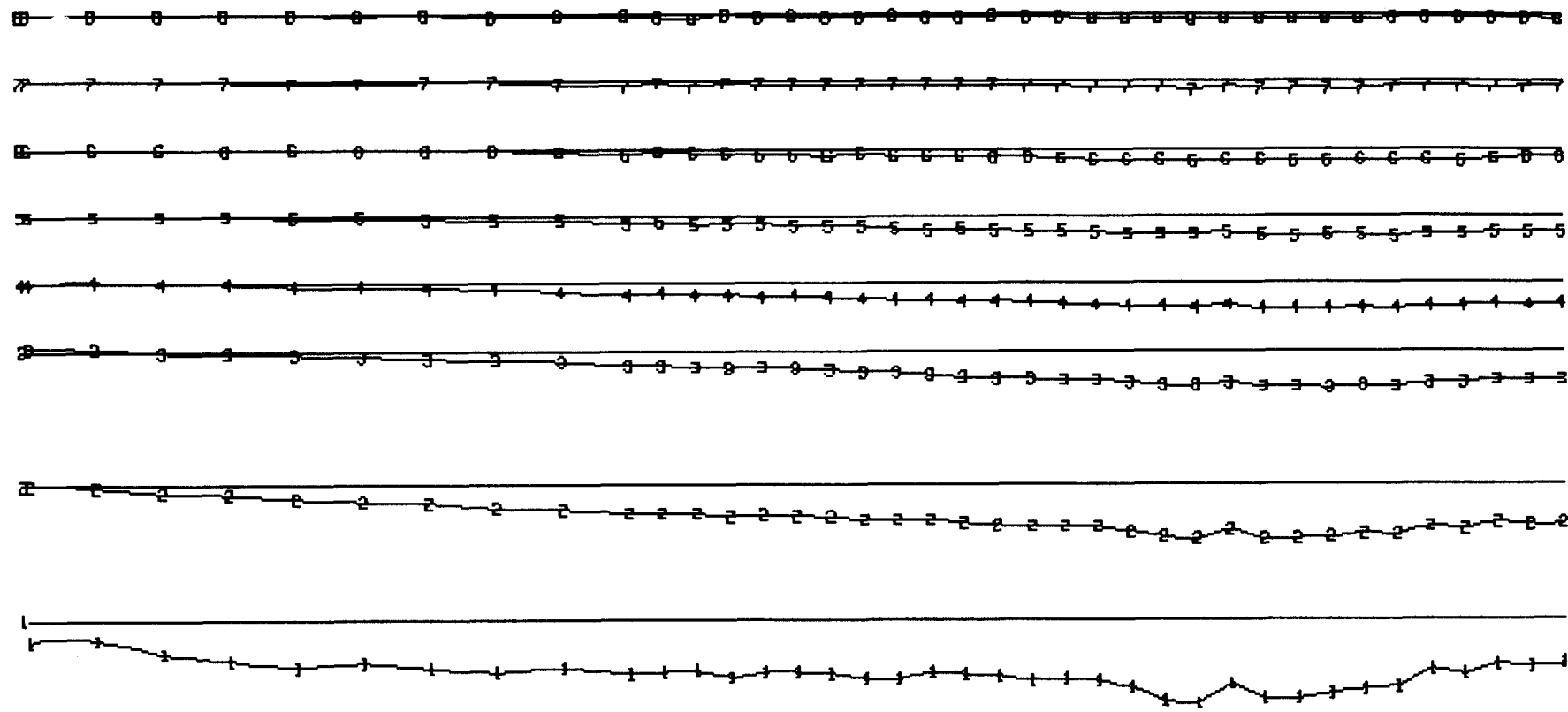
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400S LOOP 1

DATE: AUG/84 FIG.: 59

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



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.

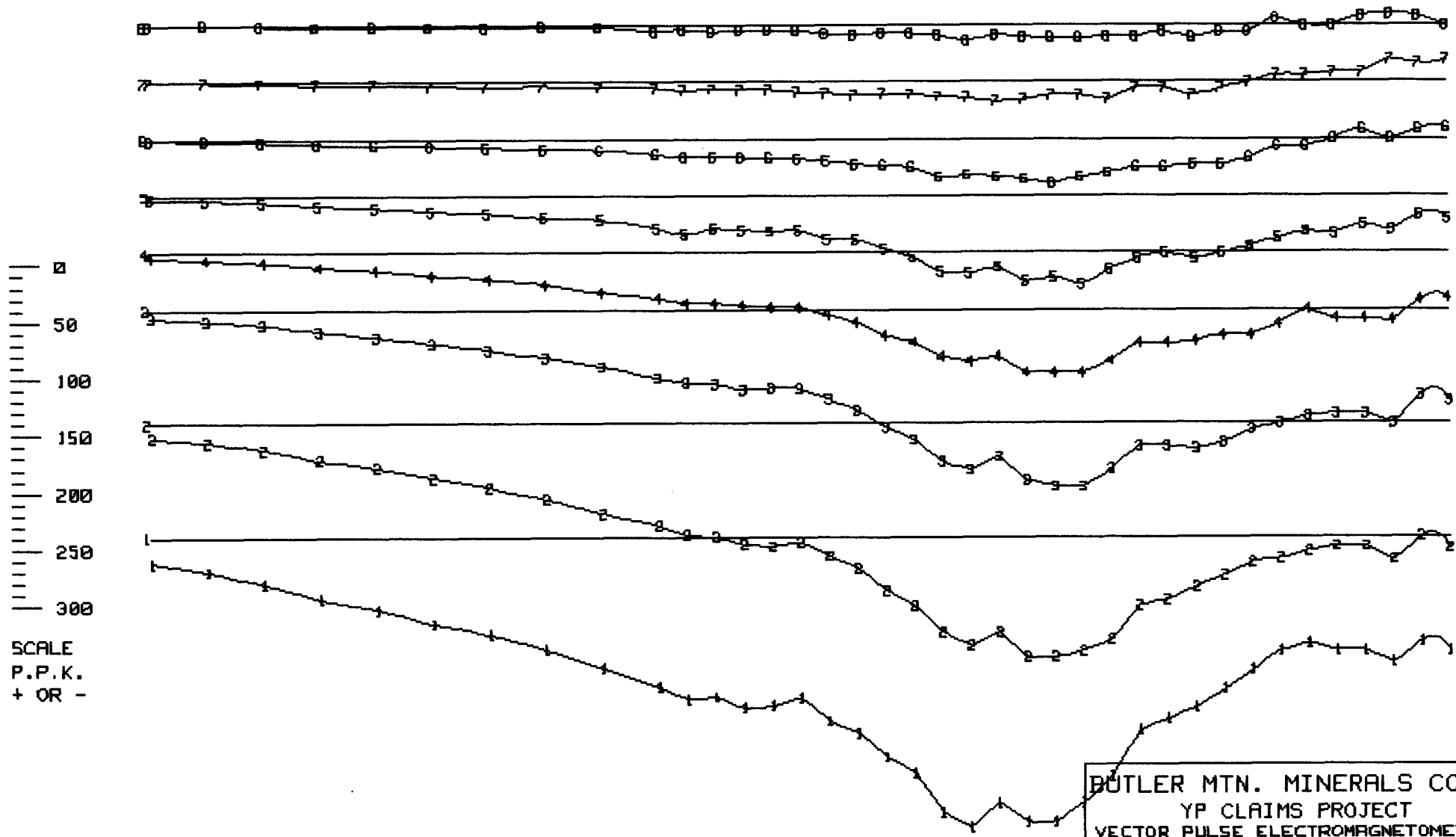


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400S LOOP 1

DATE: AUG/84

FIG.: 60

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



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& SERVICES LTD.

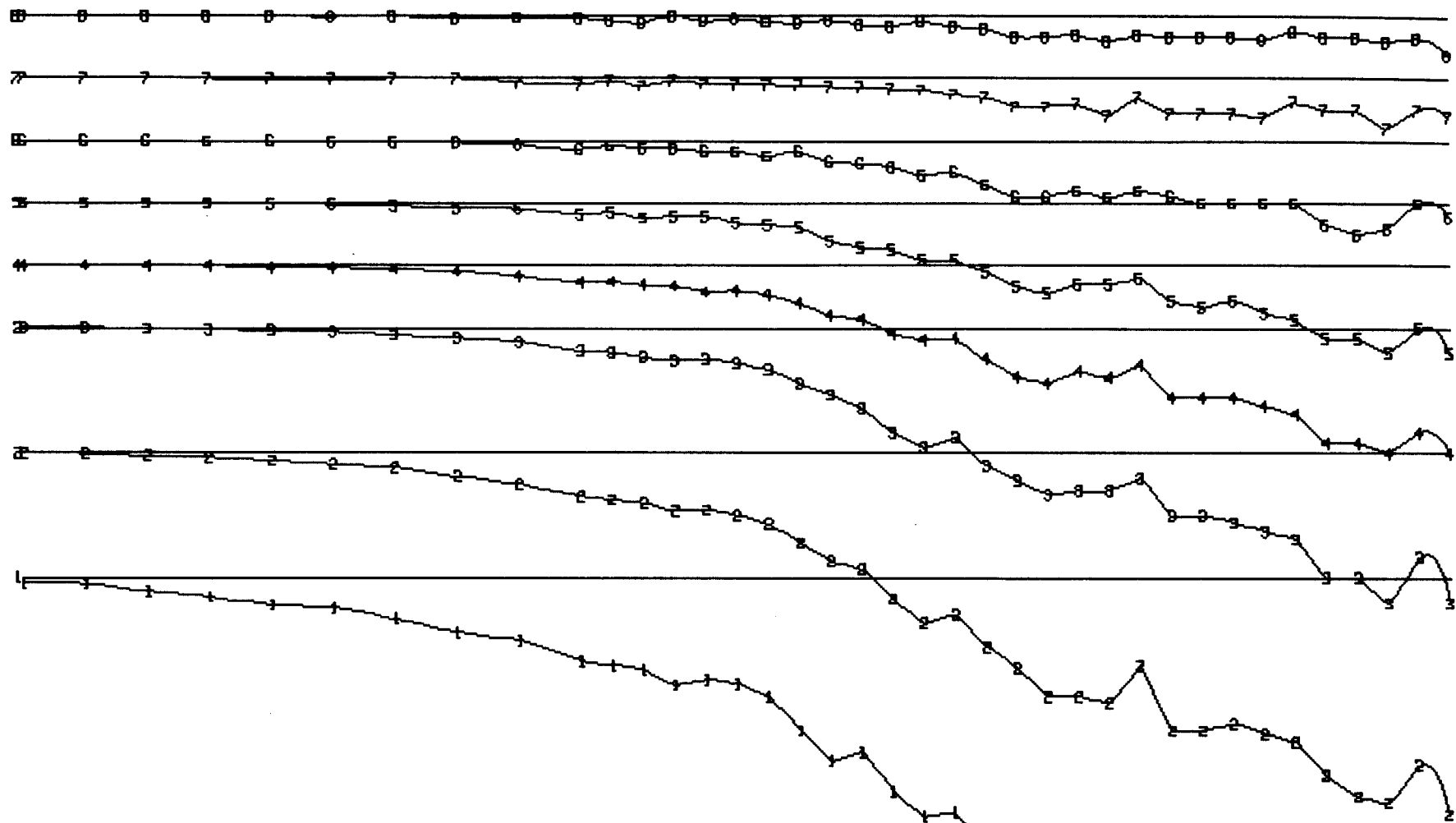
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



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YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETETER
VERTICAL COMPONENT
LINE 400S LOOP 1

DATE: AUG/84 FIG.: 61

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



0
50
100
150
200
250
300

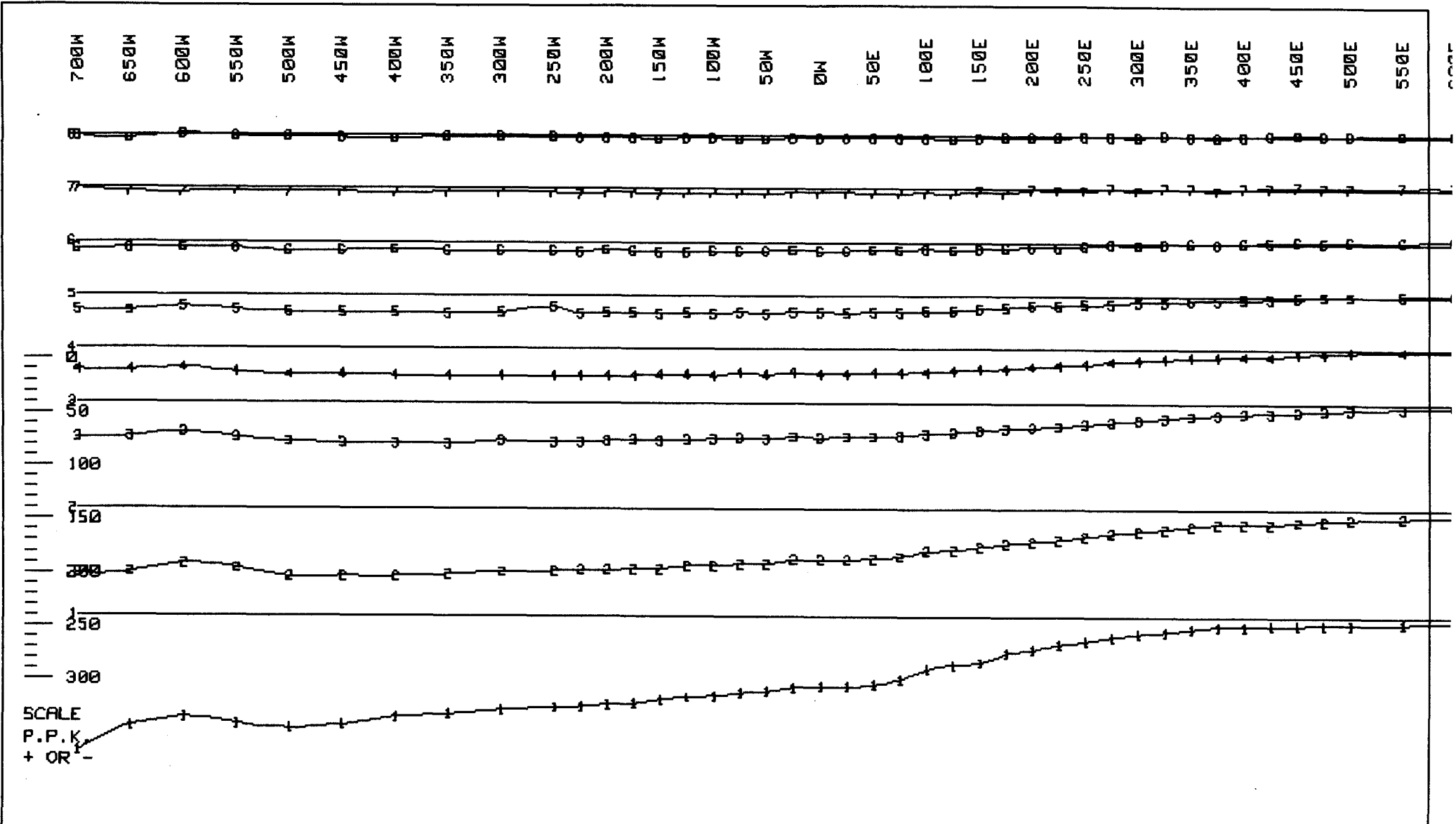
SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100S LOOP 1
DATE: AUG 24 FIG. 62



SCALE
P.P.K.
+ OR -

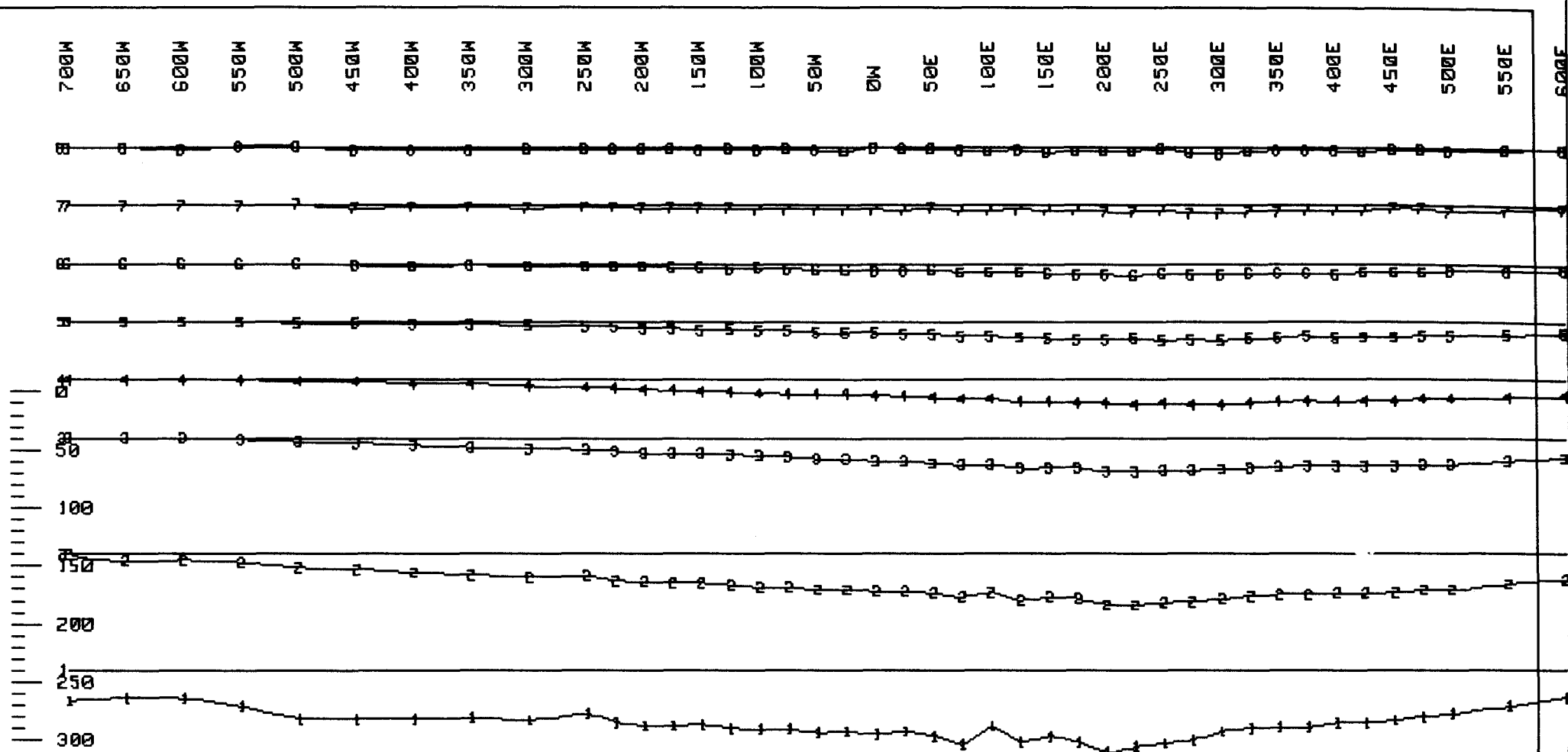
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300S LOOP 1

DATE: AUG/84 FIG.: 63



SCALE
P.P.K.
+ OR -

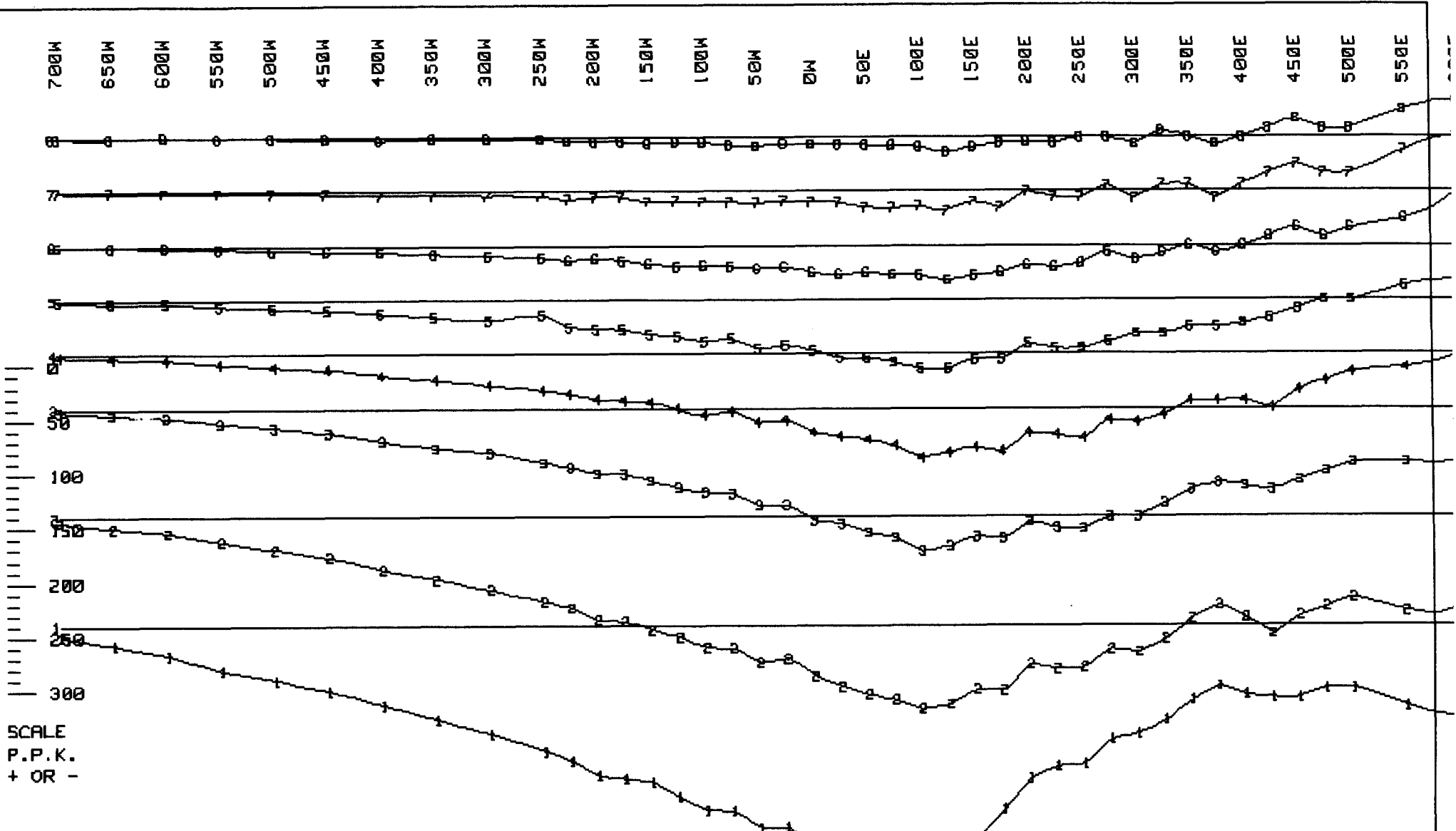
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300S LOOP 1

DATE: AUG/84 FIG.: 64



SCALE
P.P.K.
+ OR -

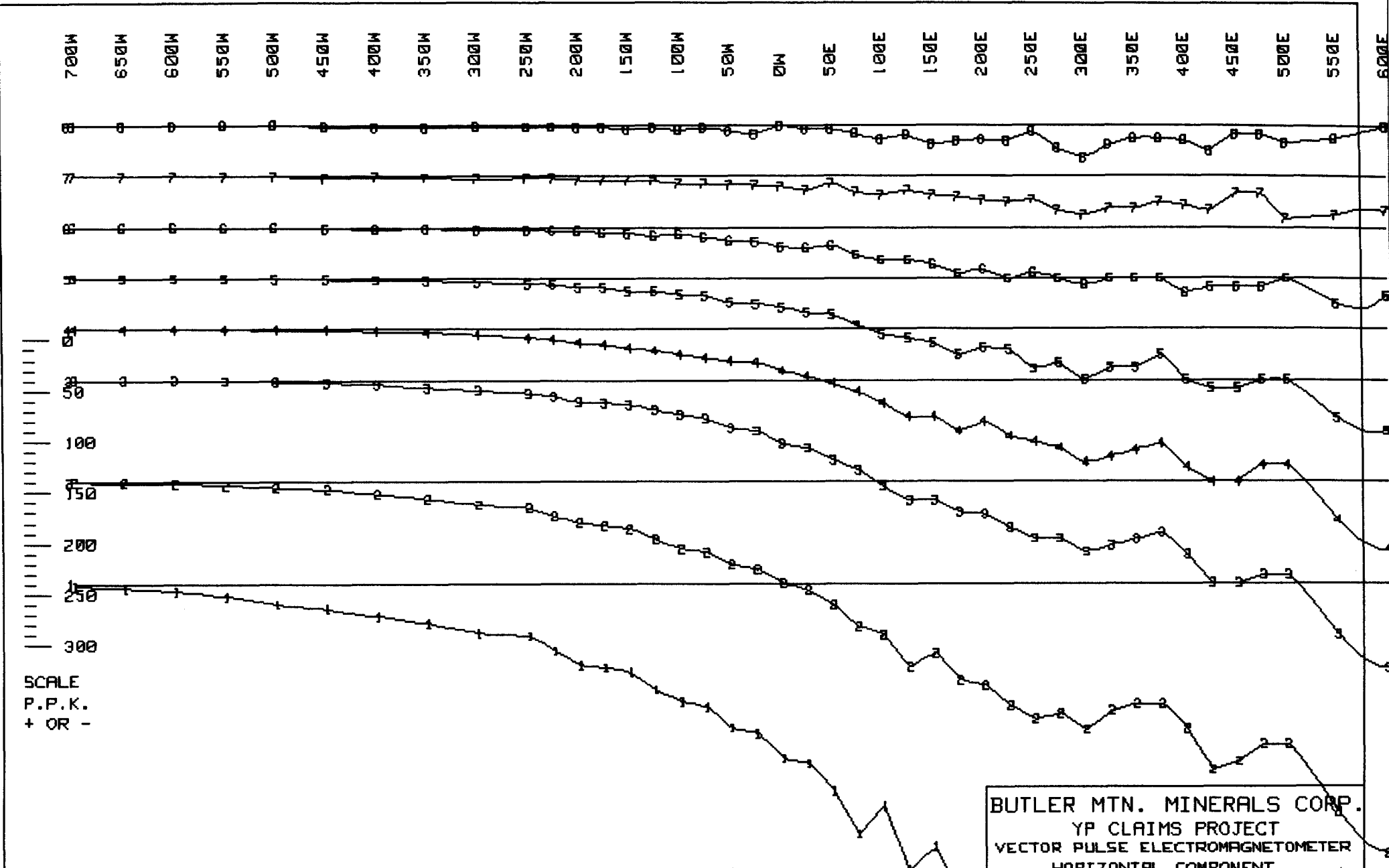
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



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YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300S LOOP 1

| | |
|--------------|----------|
| DATE: AUG/84 | FIG.: 65 |
|--------------|----------|



SCALE
P.P.K.
+ OR -

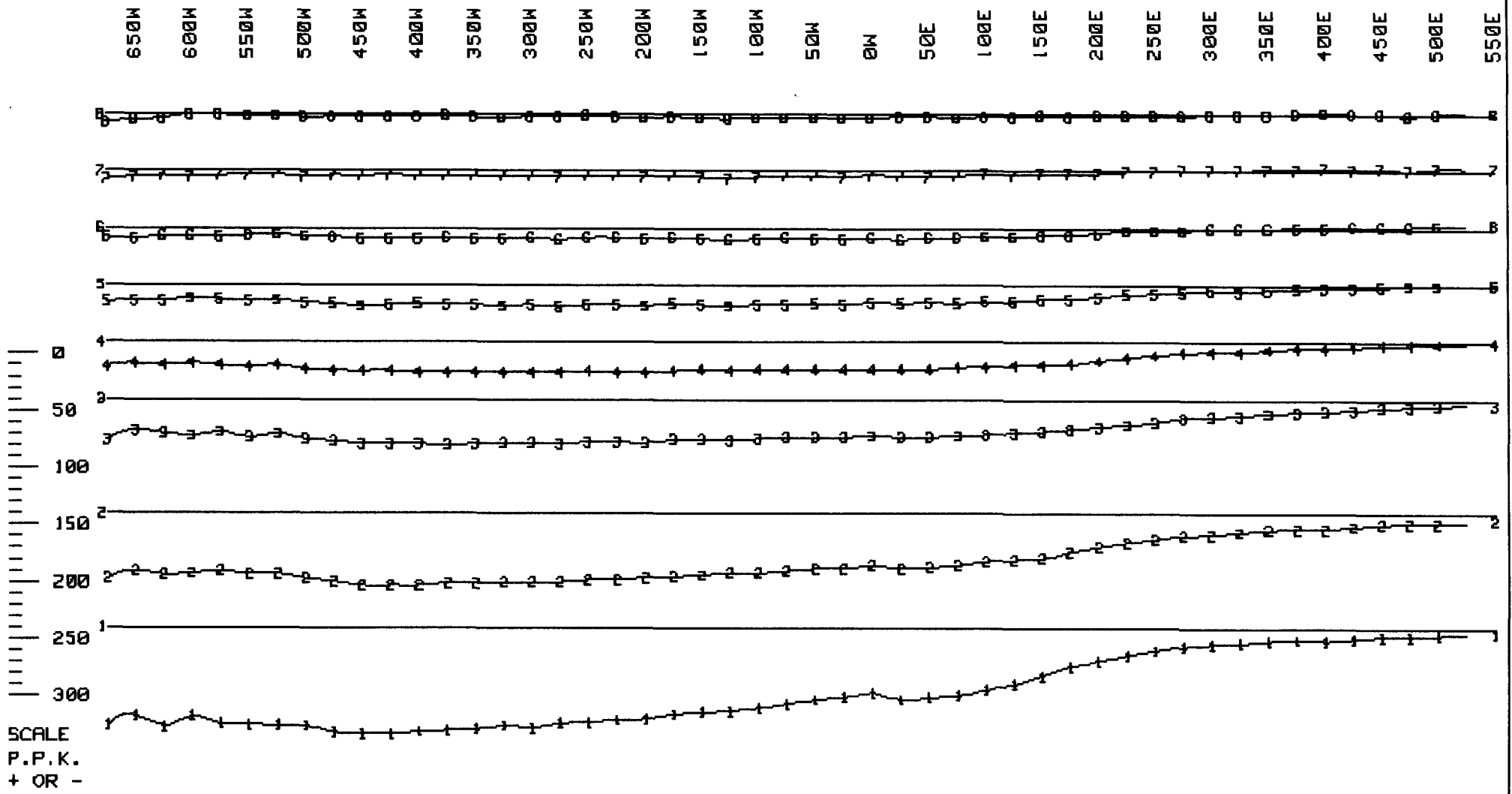
GLEN E. WHITE
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& SERVICES LTD.

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

METRES
0 50 100 150 200

BUTLER MTN. MINERALS CORP.
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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300S LOOP 1

DATE: AUG 84 FIG.: 06



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& SERVICES LTD.

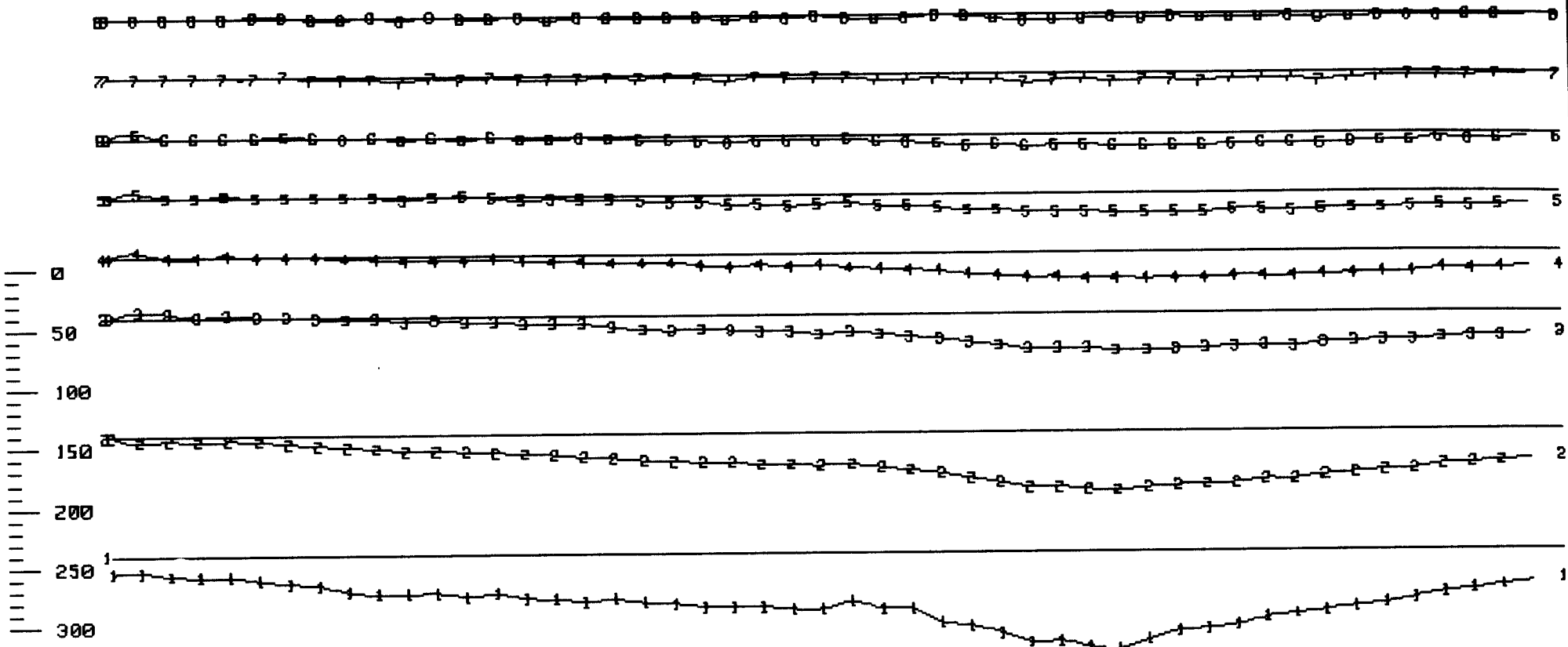
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200S LOOP 1

DATE: AUG/84 FIG.: 67

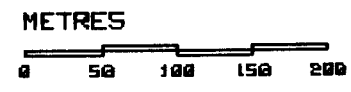
650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E



SCALE
P.P.K.
+ OR -

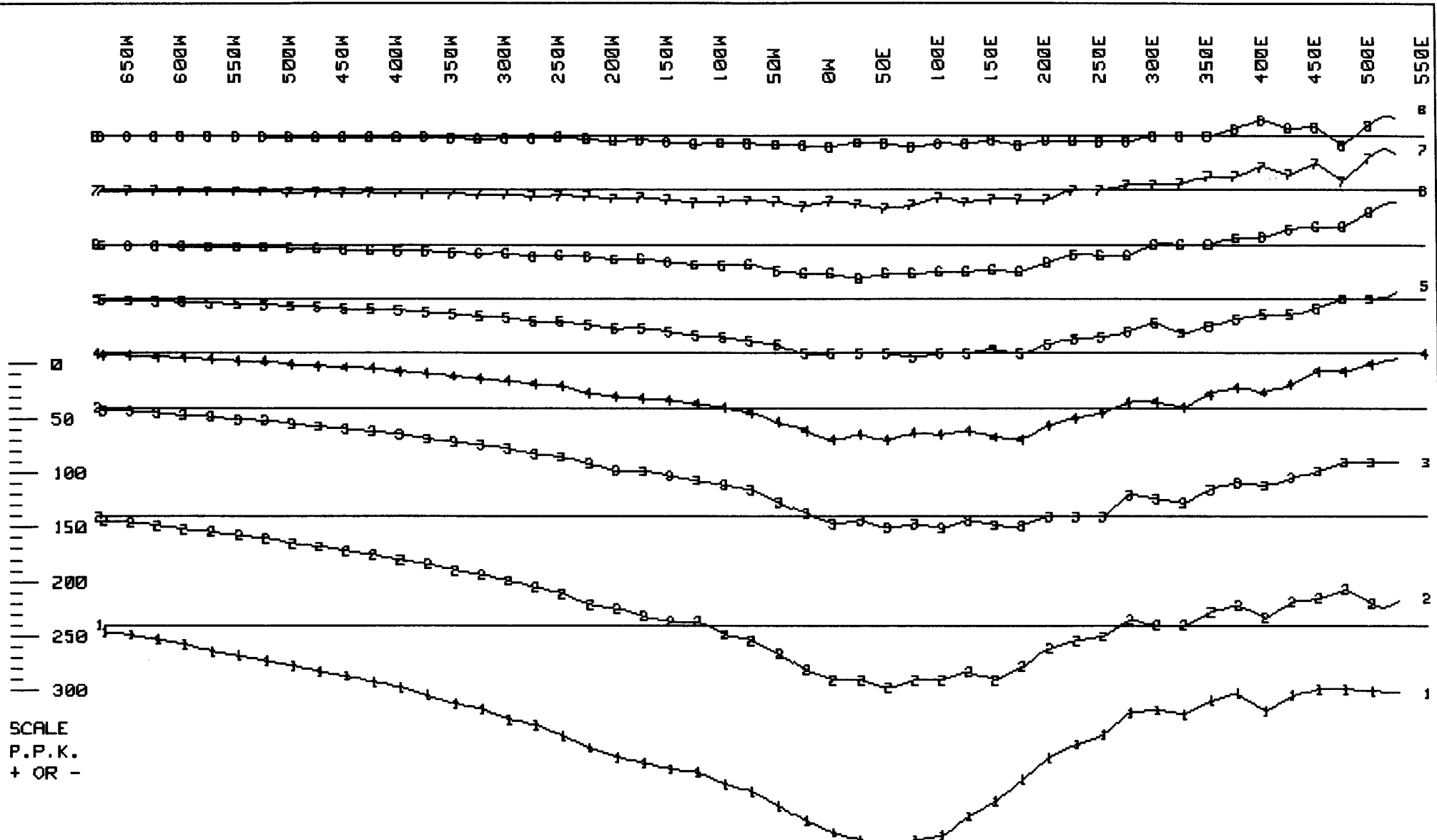
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200S LOOP 1

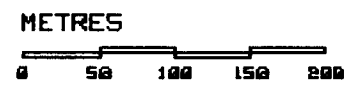
DATE: AUG/84 FIG.: 68



SCALE
P.P.K.
+ OR -

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& SERVICES LTD.

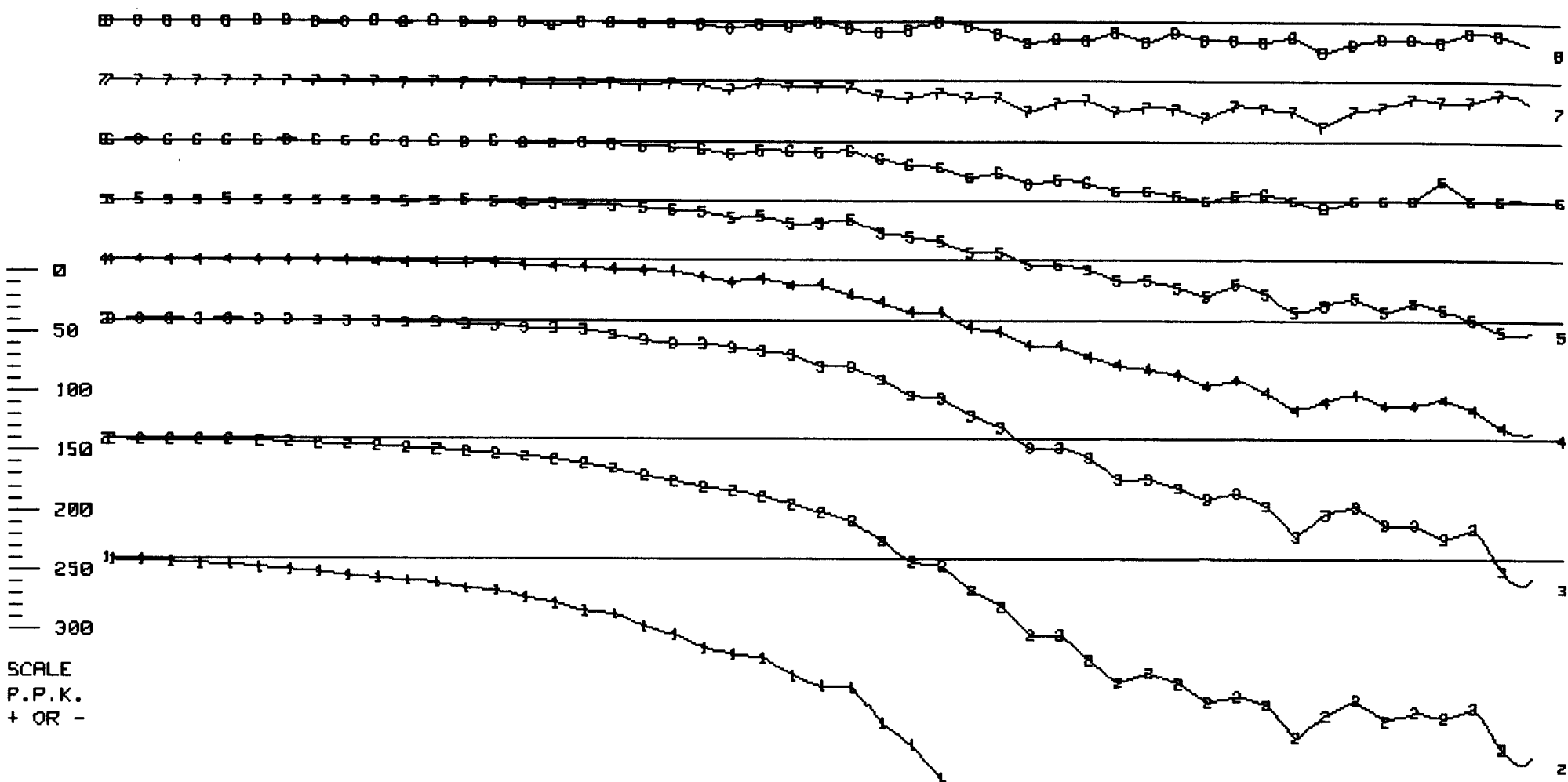
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200S LOOP 1

DATE: AUG/84 FIG.: 69

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



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

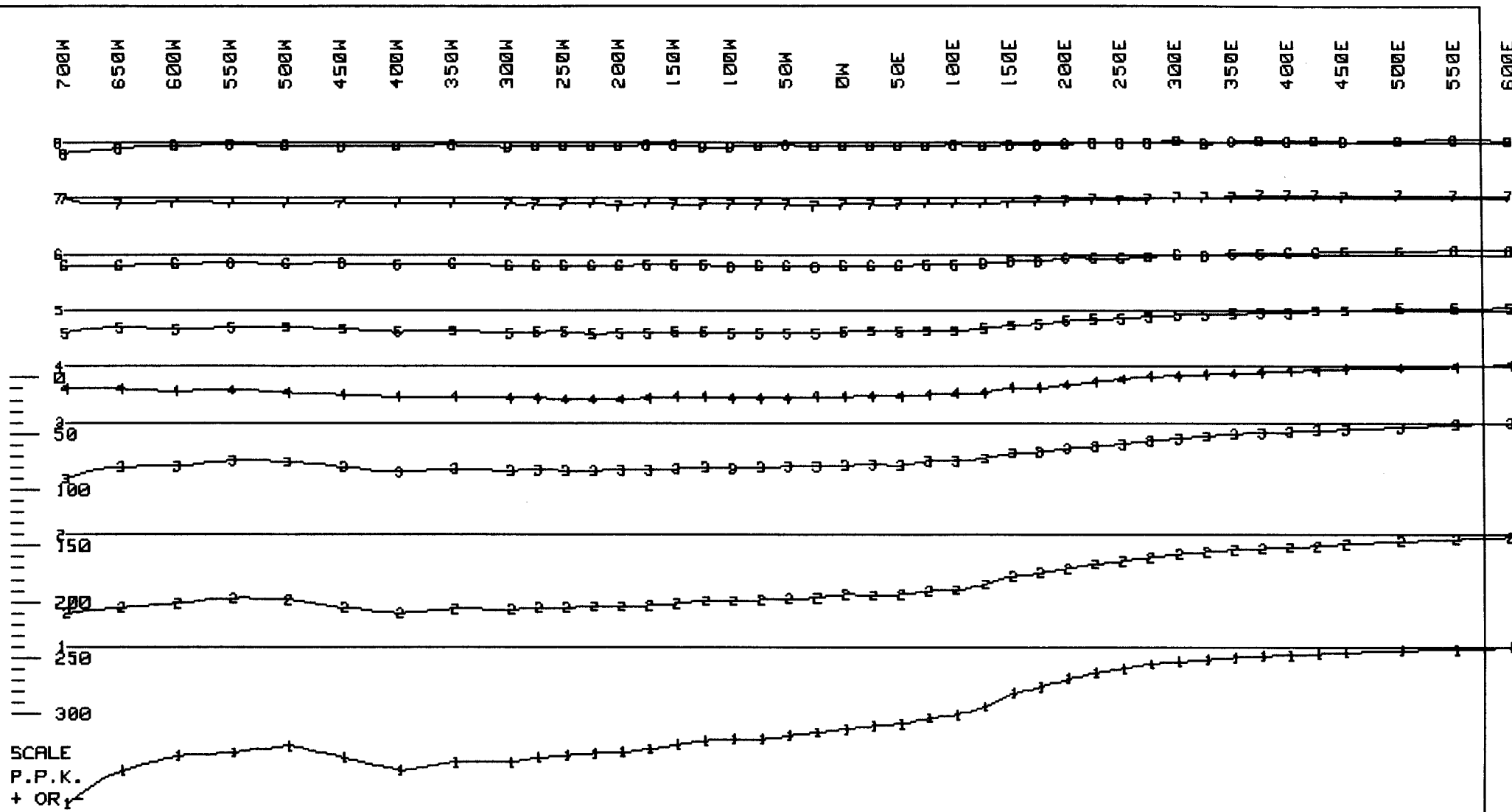
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200S LOOP

DATE: AUG 84

FIG.: 70



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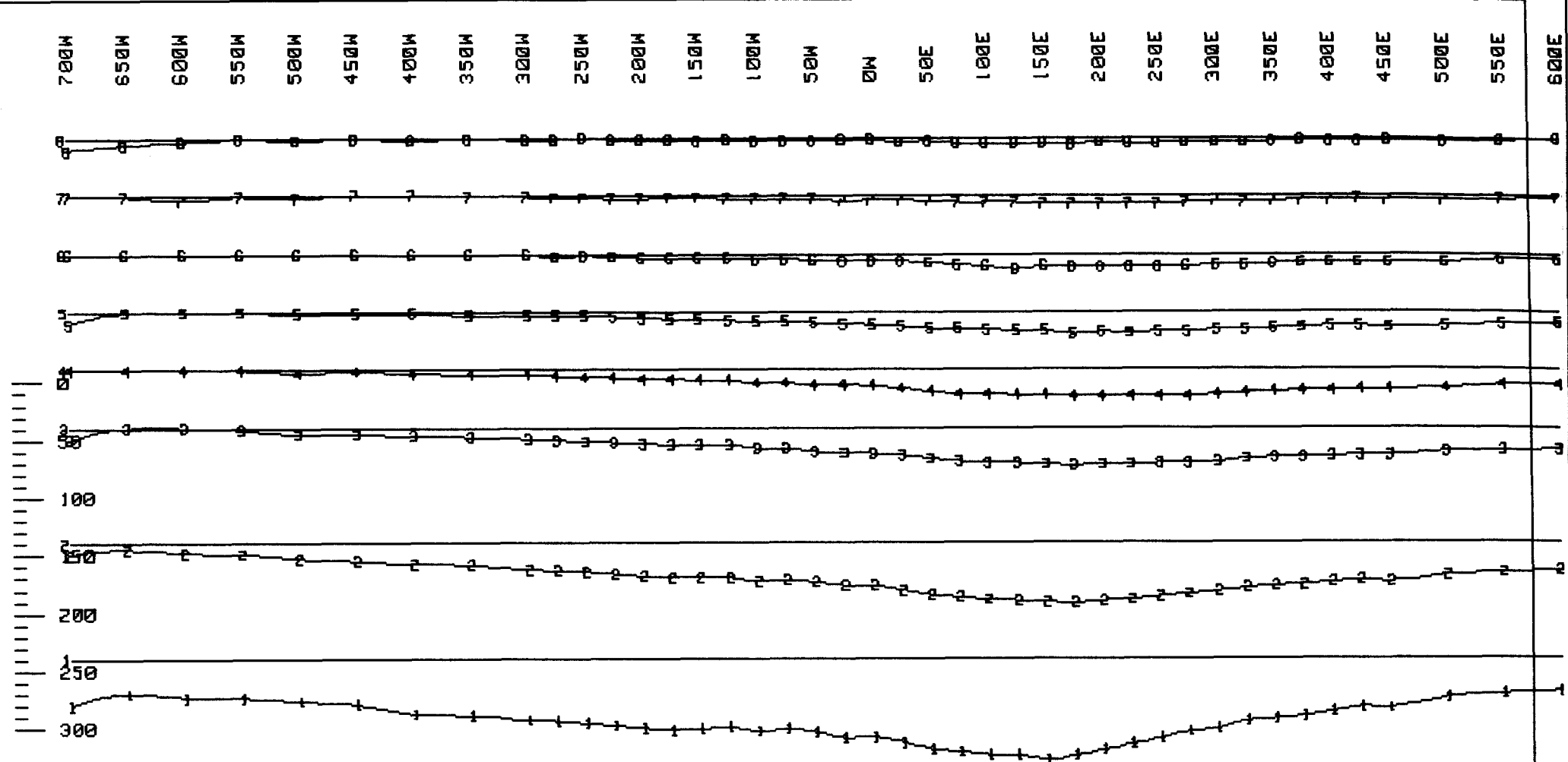
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100S LOOP 1

DATE: AUG/84

FIG.: 71



SCALE
P.P.K.
+ OR -

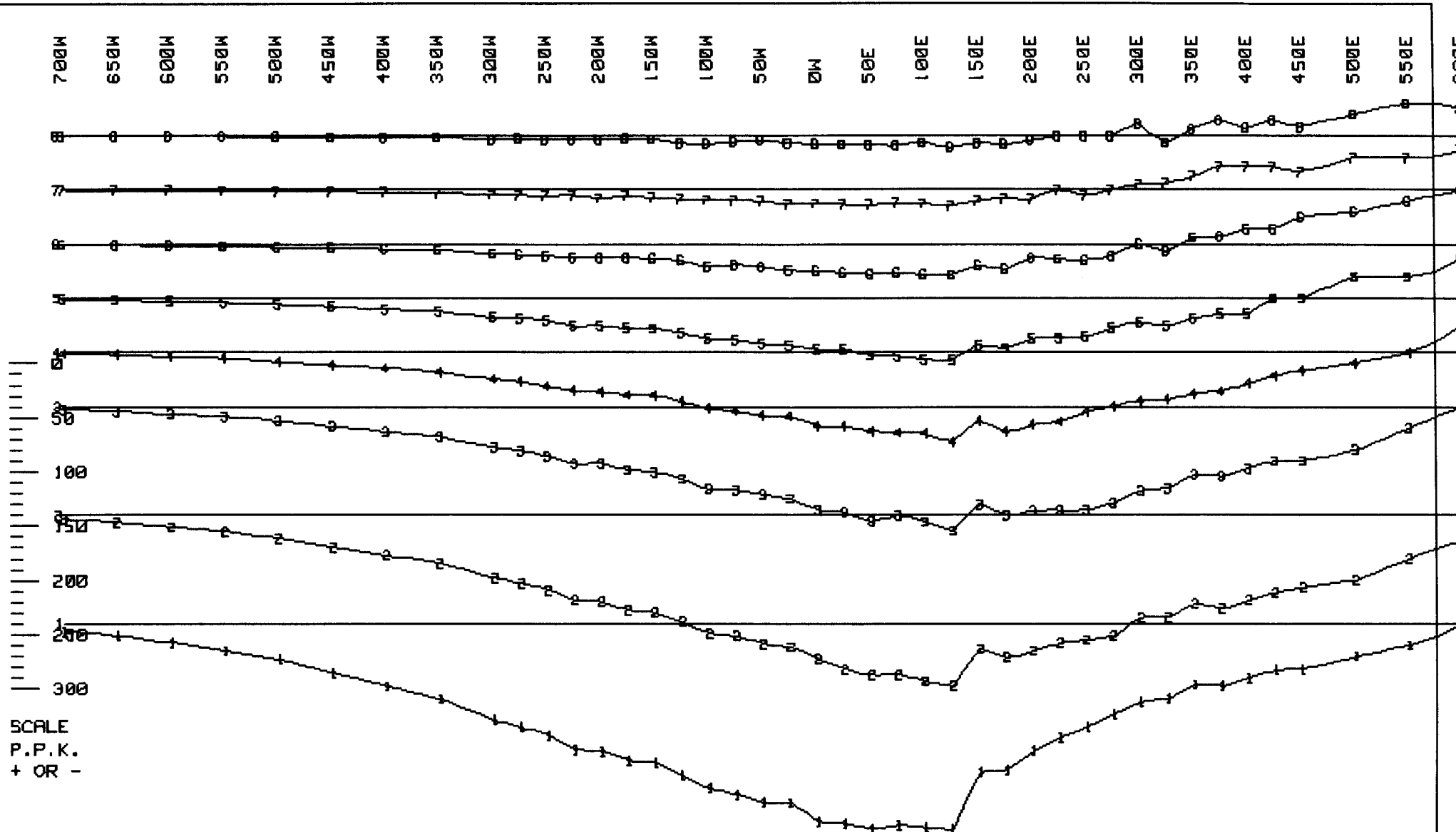
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100S LOOP 1

DATE: AUG/84 FIG.: 72



SCALE
P.P.K.
+ OR -

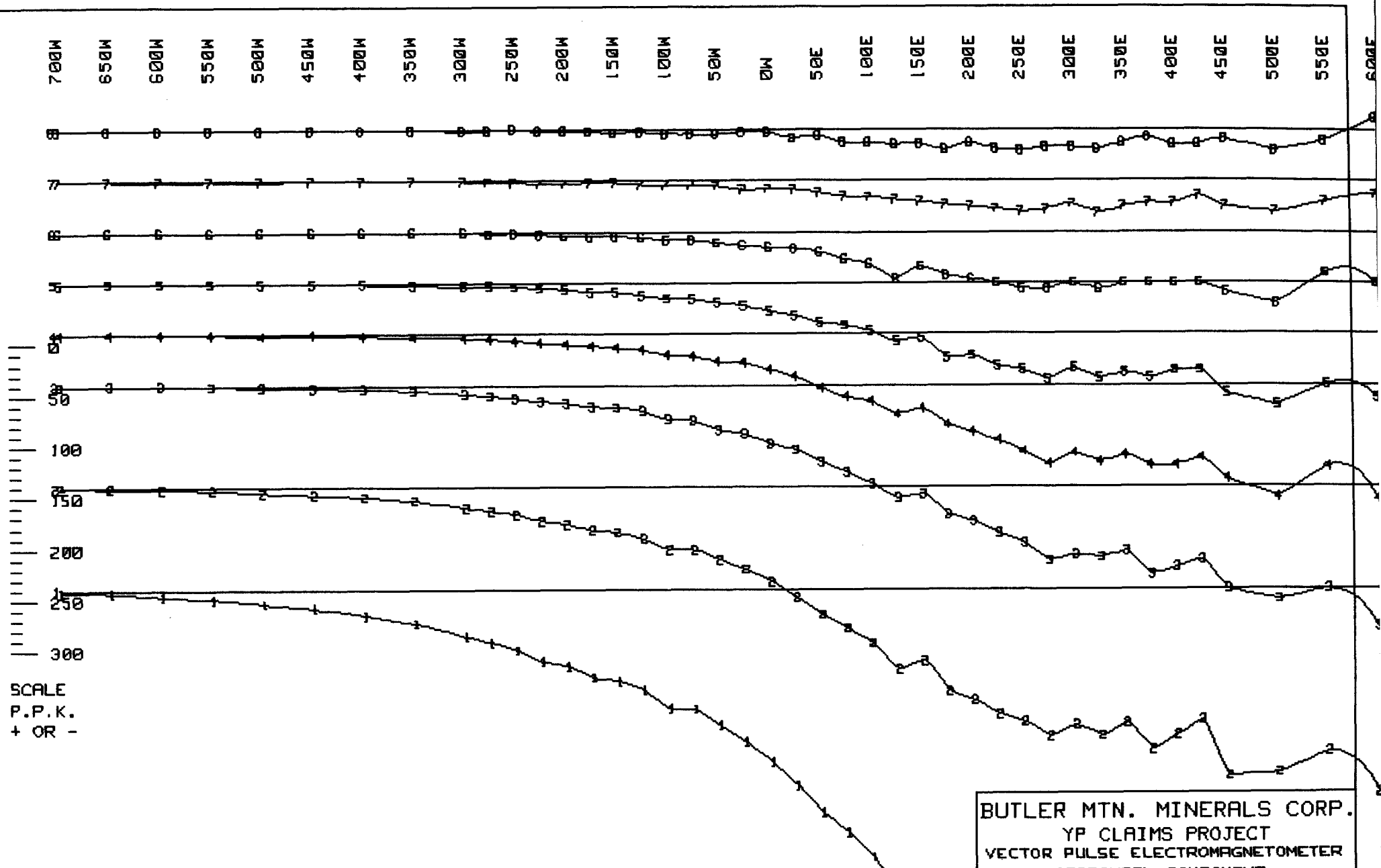
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100S LOOP 1

DATE: AUG/84 FIG.: 73



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



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 YP CLAIMS PROJECT
 VECTOR PULSE ELECTROMAGNETOMETER
 HORIZONTAL COMPONENT
 LINE 100S LOOP 1

DATE: AUG 84 FIG.: 74

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



SCALE
P.P.K.
+ OR -

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

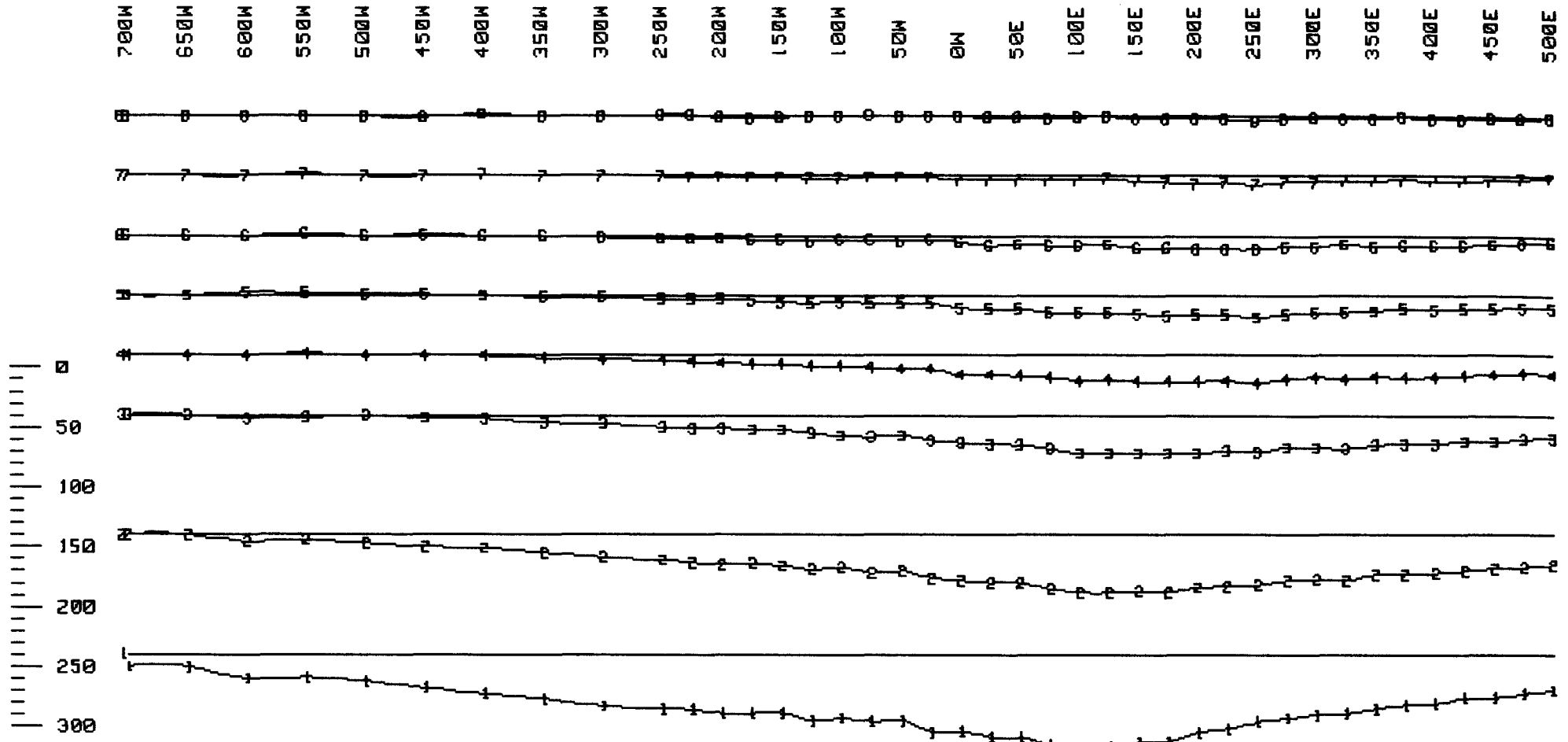


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00N LOOP 1

DATE: AUG/84

FIG.: 75

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SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

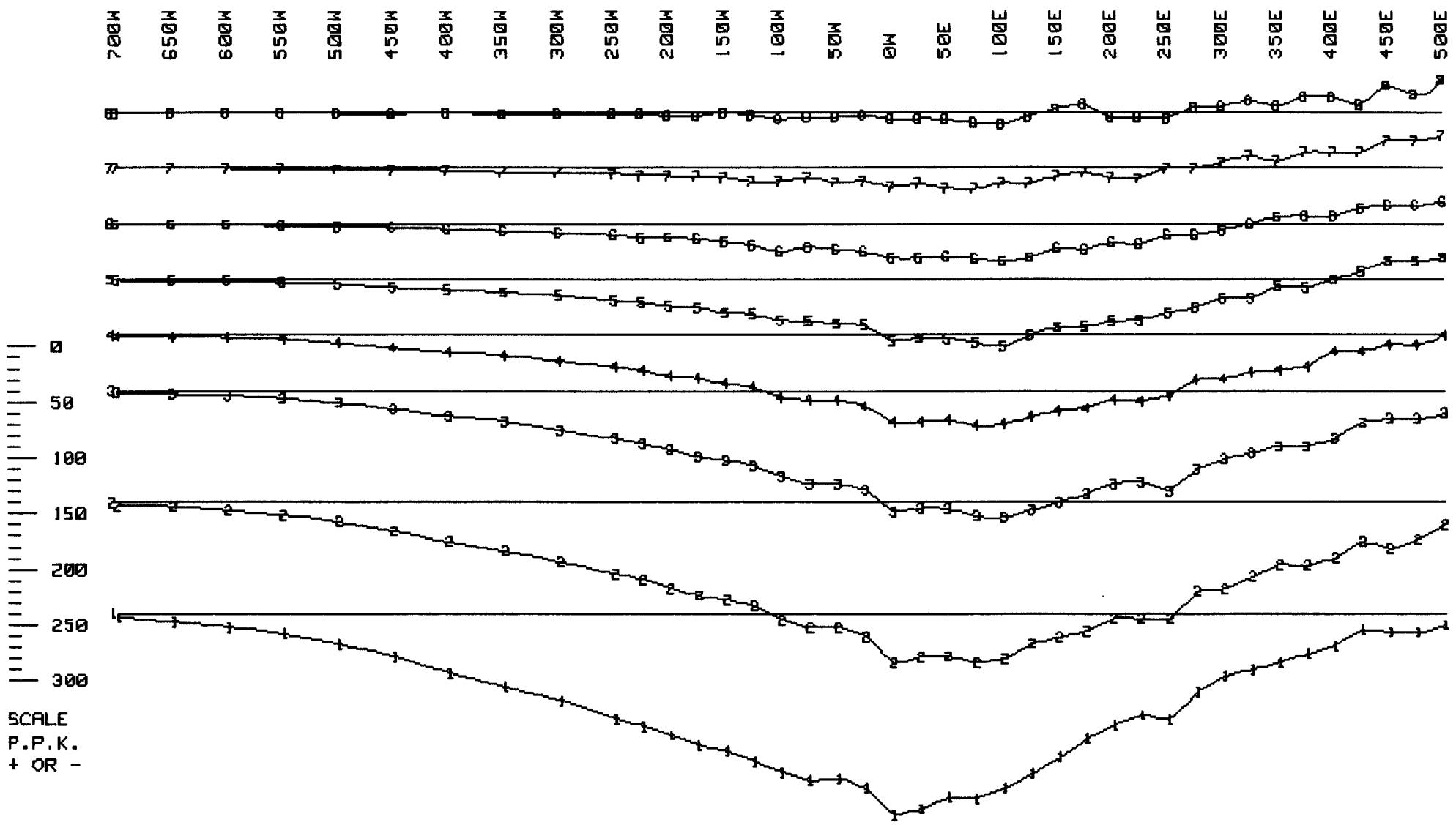
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00N LOOP 1

DATE: AUG/84

FIG.: 76



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

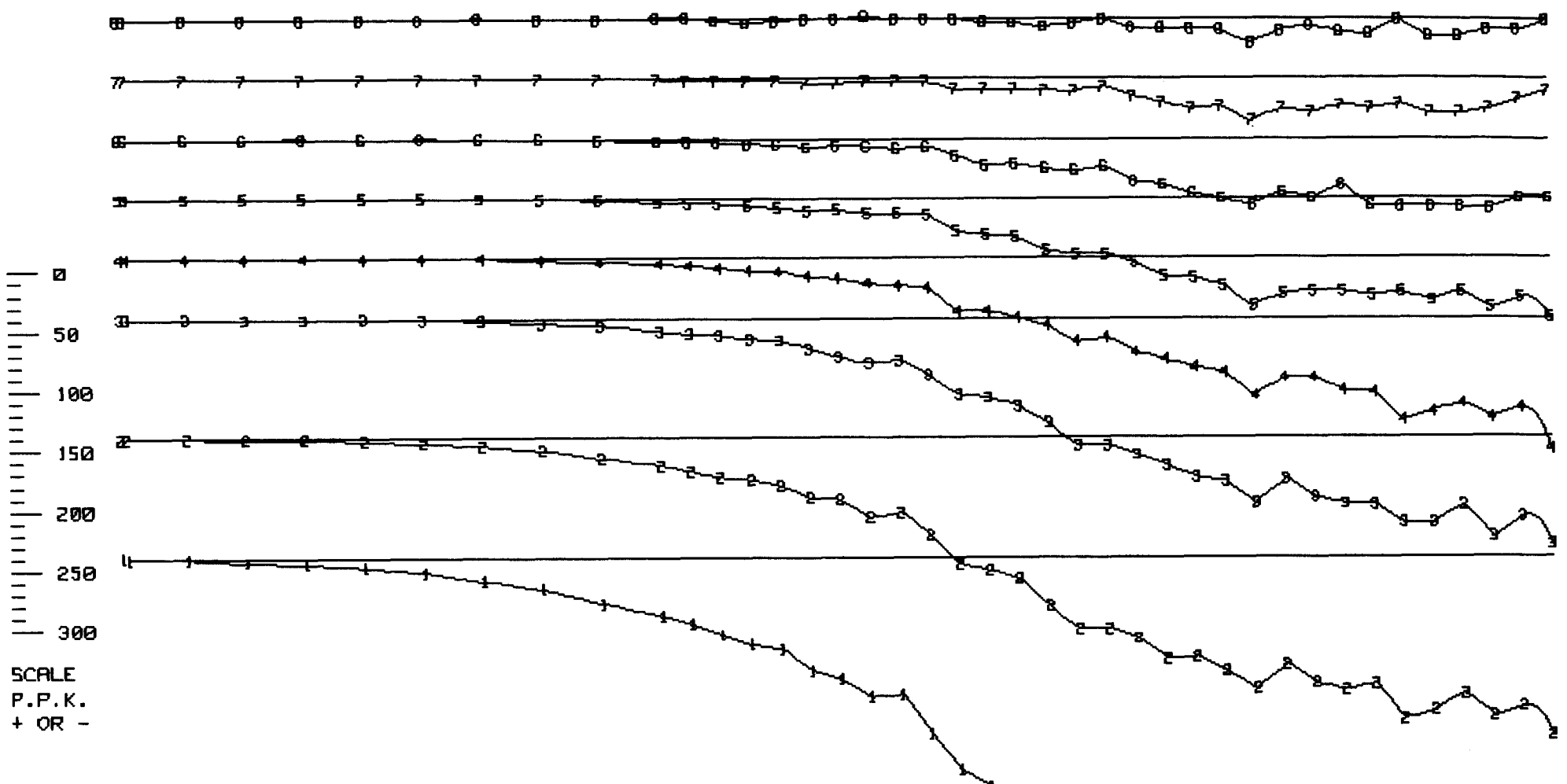
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 00N LOOP 1

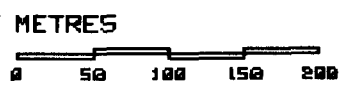
DATE: AUG/84 FIG.: 77

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



SCALE
P.P.K.
+ OR -

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



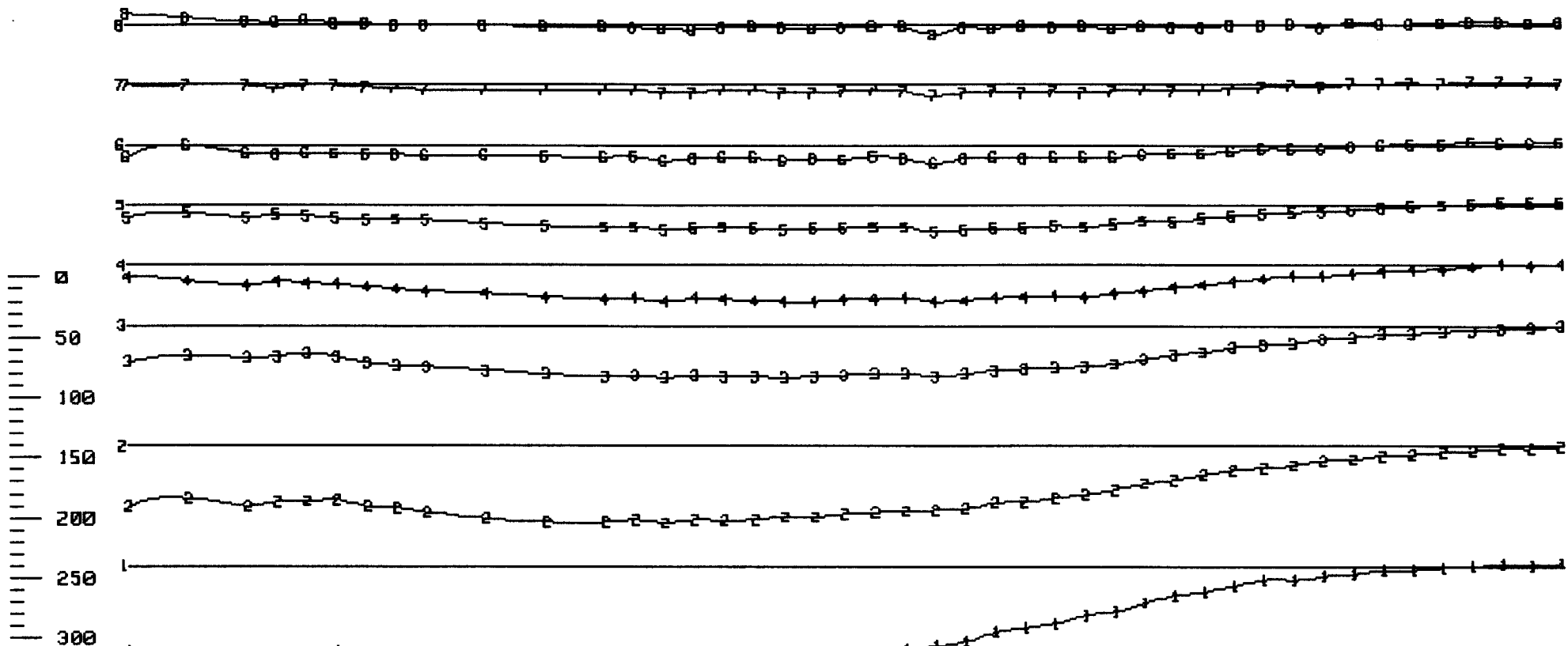
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 00N LOOP 1

DATE: AUG/84

FIG.: 78

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& SERVICES LTD.

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



SCALE
P.P.K.
+ OR -

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

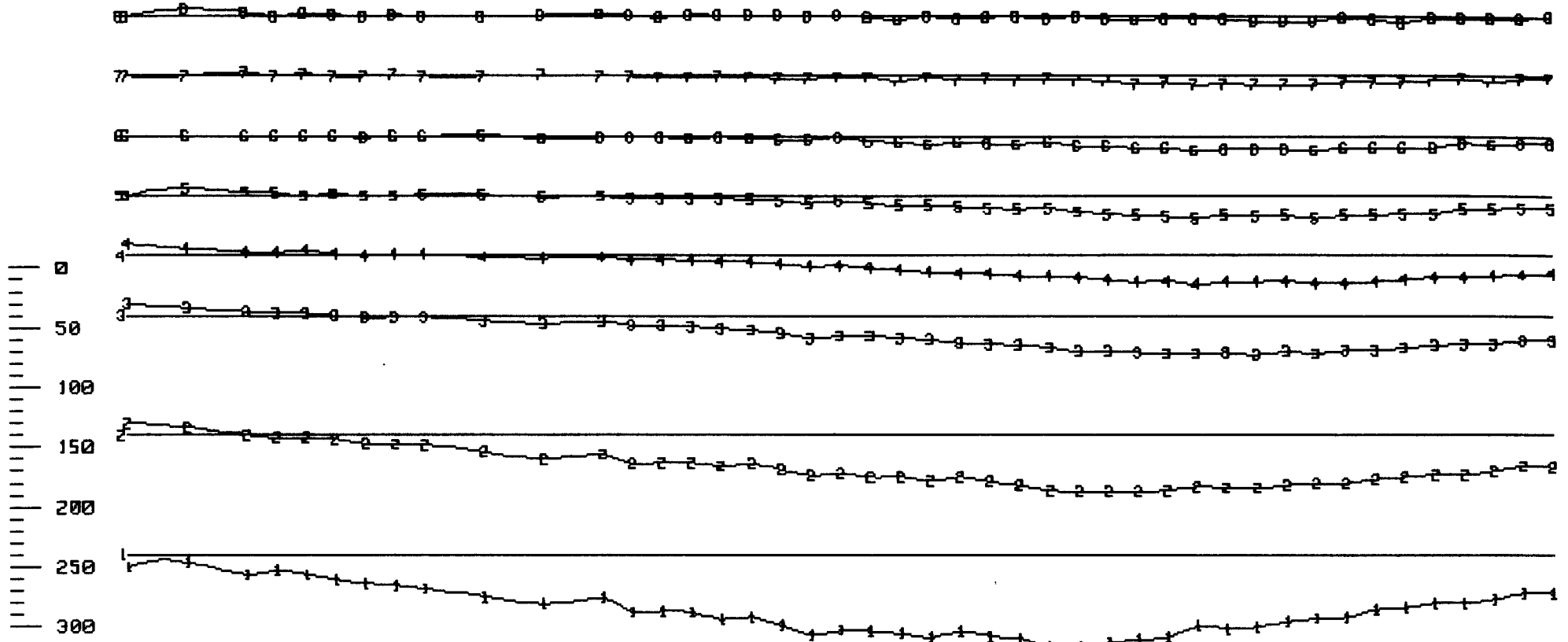


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 100N LOOP 1

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

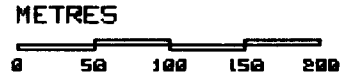
DATE: AUG/84 FIG.: 79

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



SCALE
P.P.K.
+ OR -

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

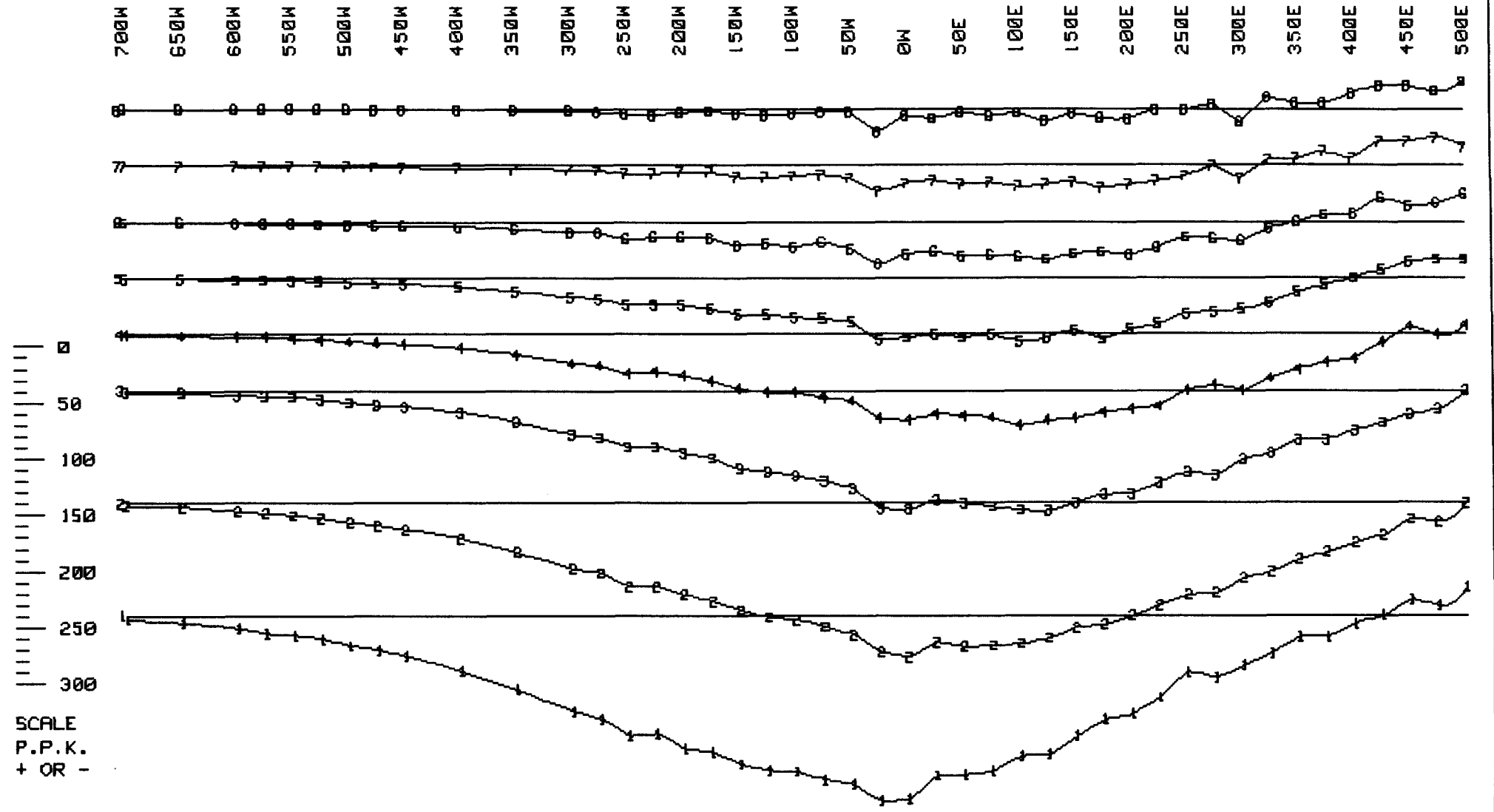


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100W LOOP 1

DATE: AUG/84

FIG.: 80

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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.

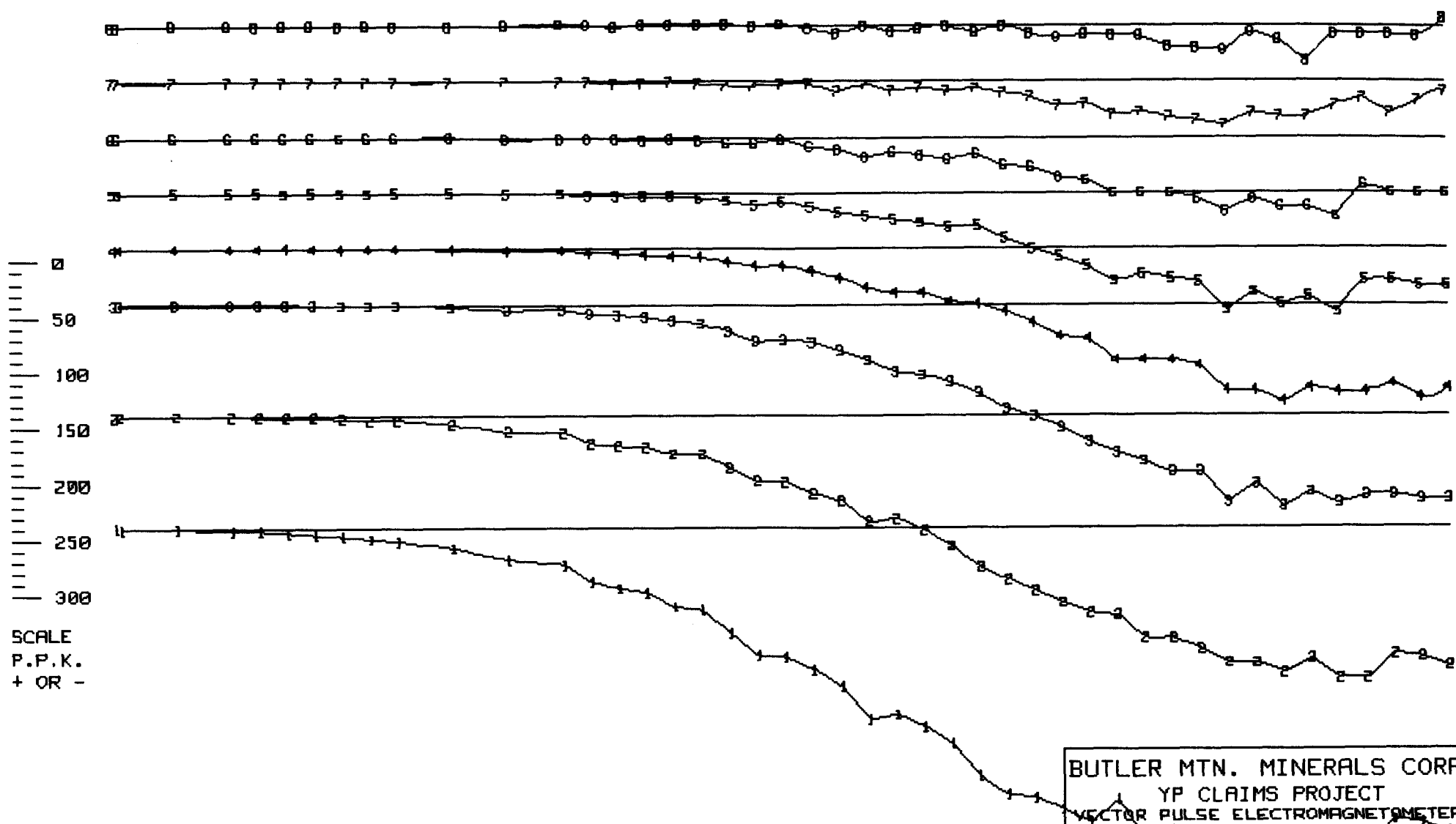


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
LINE 100N LOOP 1

DATE: AUG/84

FIG.: 81

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



SCALE
P.P.K.
+ OR -

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

METRES

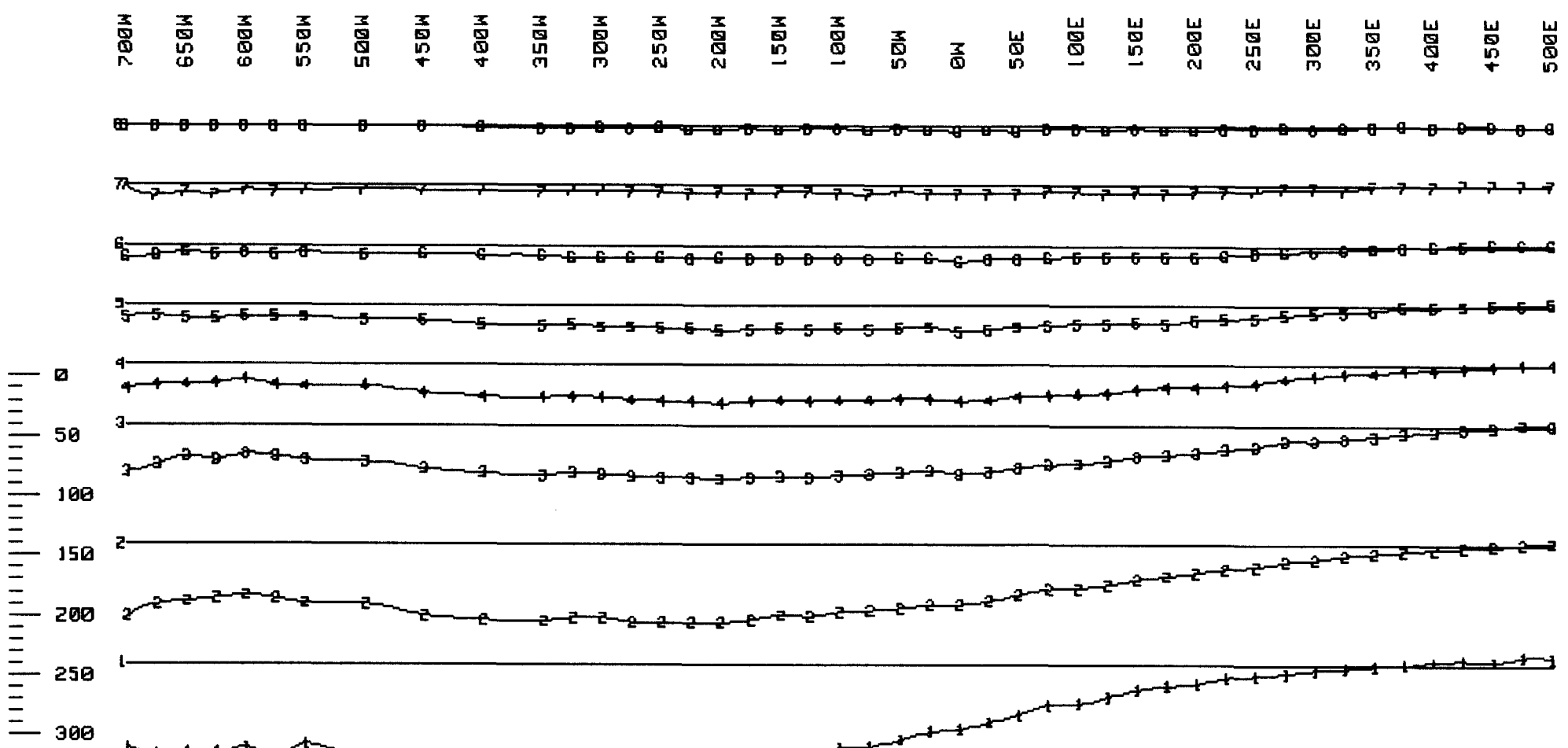


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 100N LOOP 1

DATE: AUG/84

FIG.: 82

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

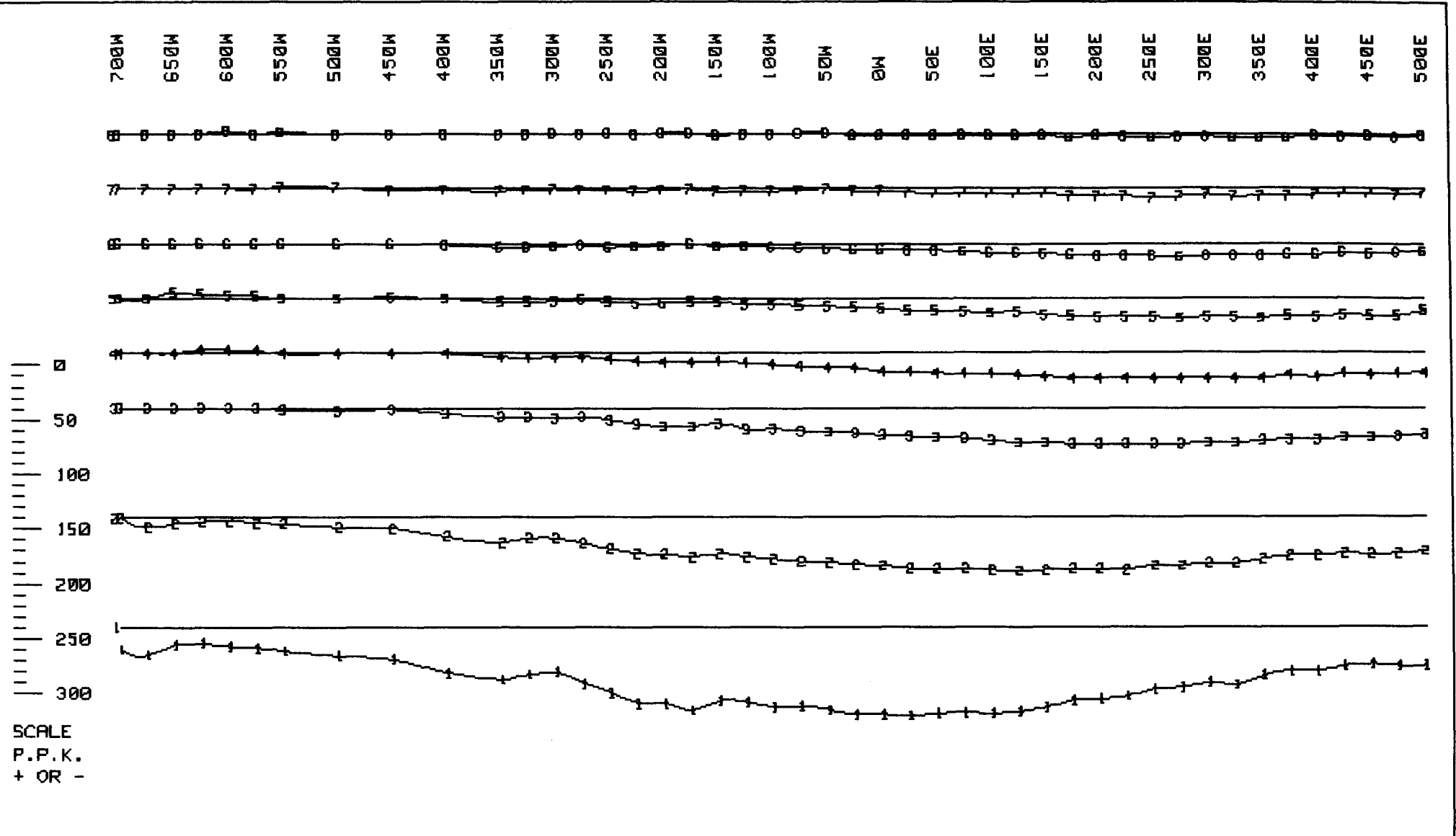
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200N LOOP 1

DATE: AUG/84

FIG.: 83



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

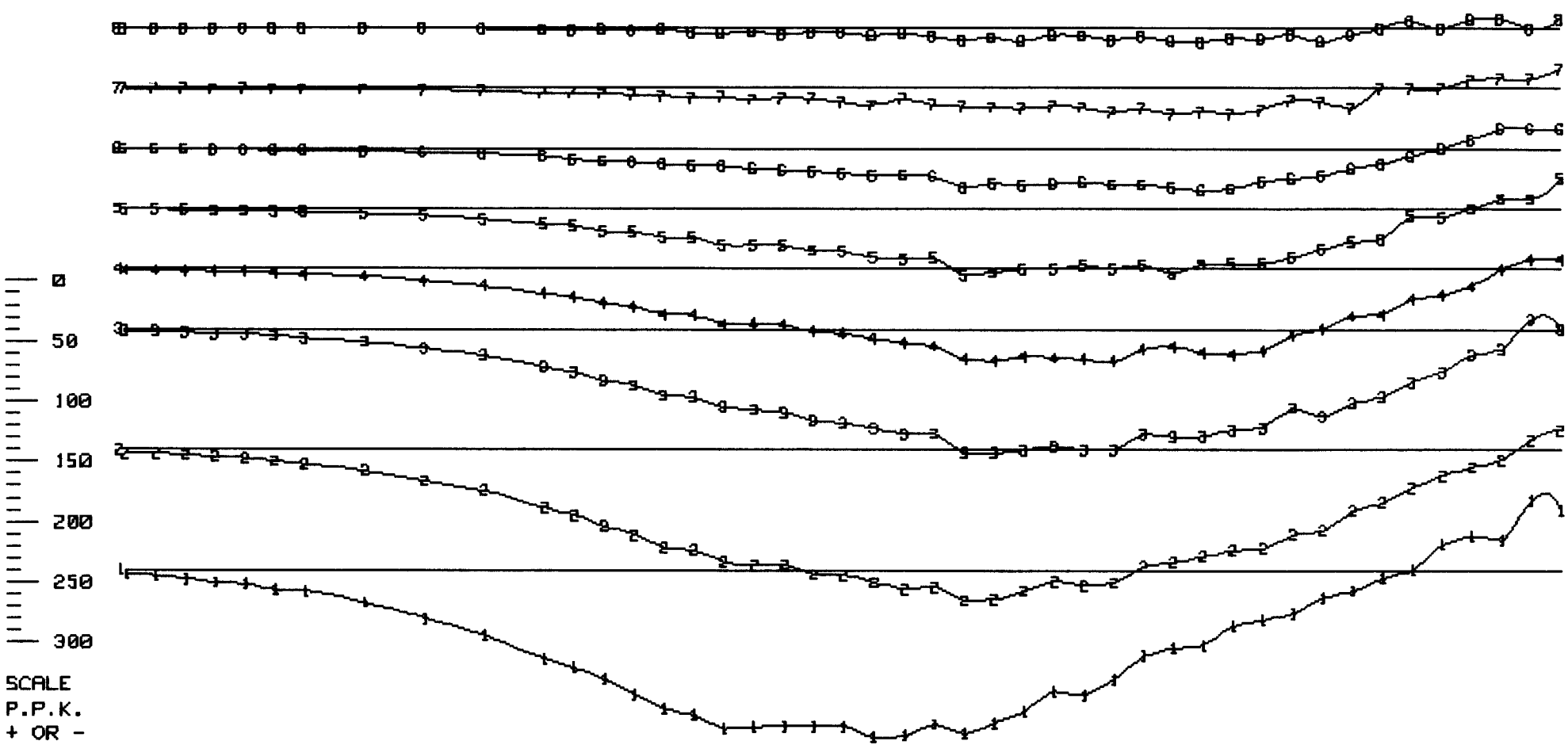
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.

METRES
0 50 100 150 200

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200N LOOP 1

DATE: AUG/84 FIG.: 84

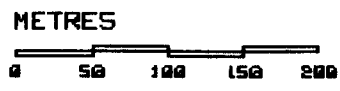
700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



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.

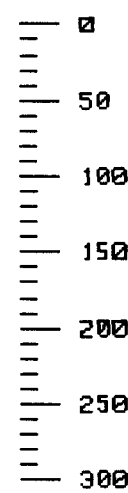
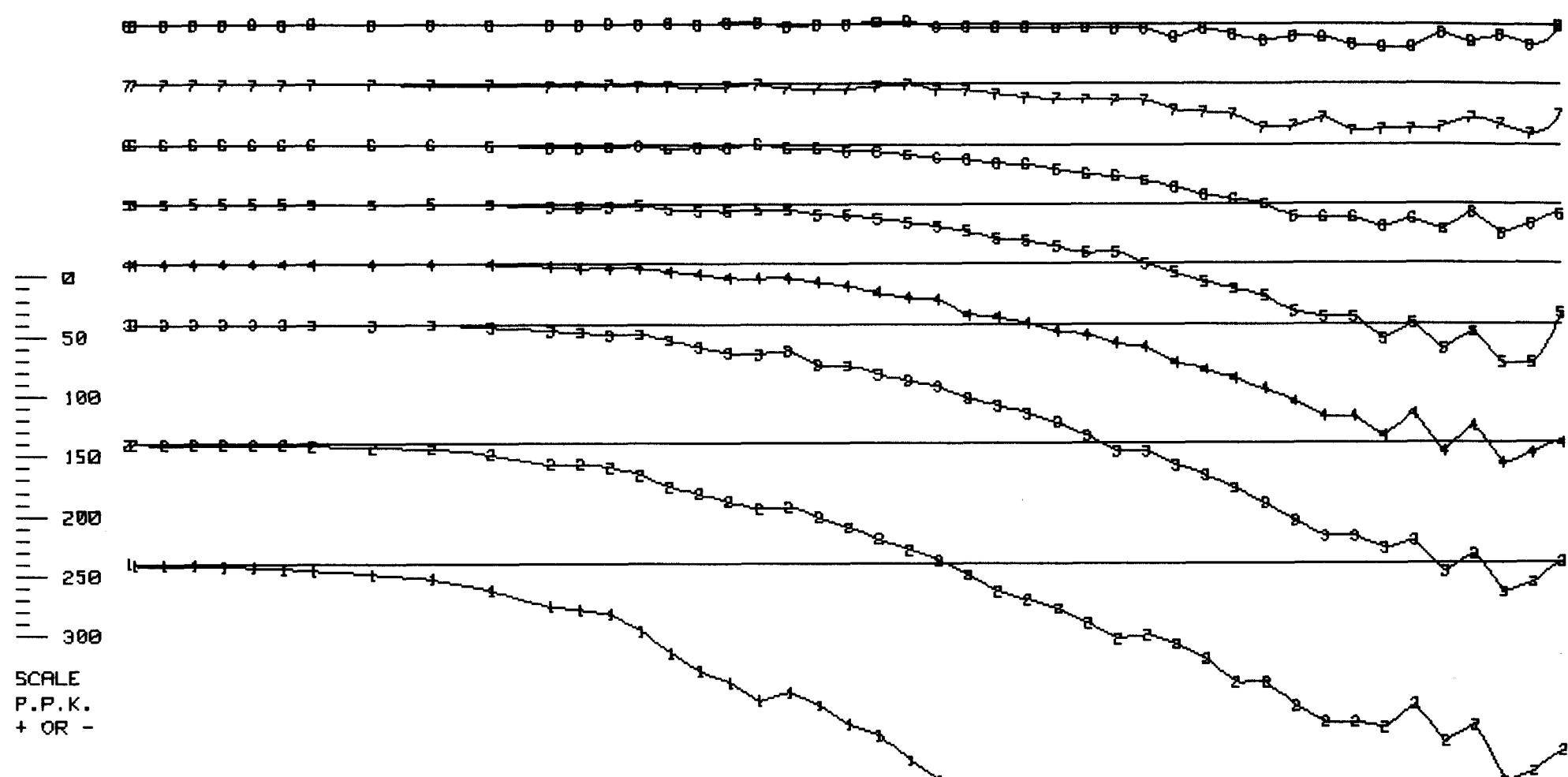


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200N LOOP 1

DATE: AUG/84

FIG.: 85

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



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

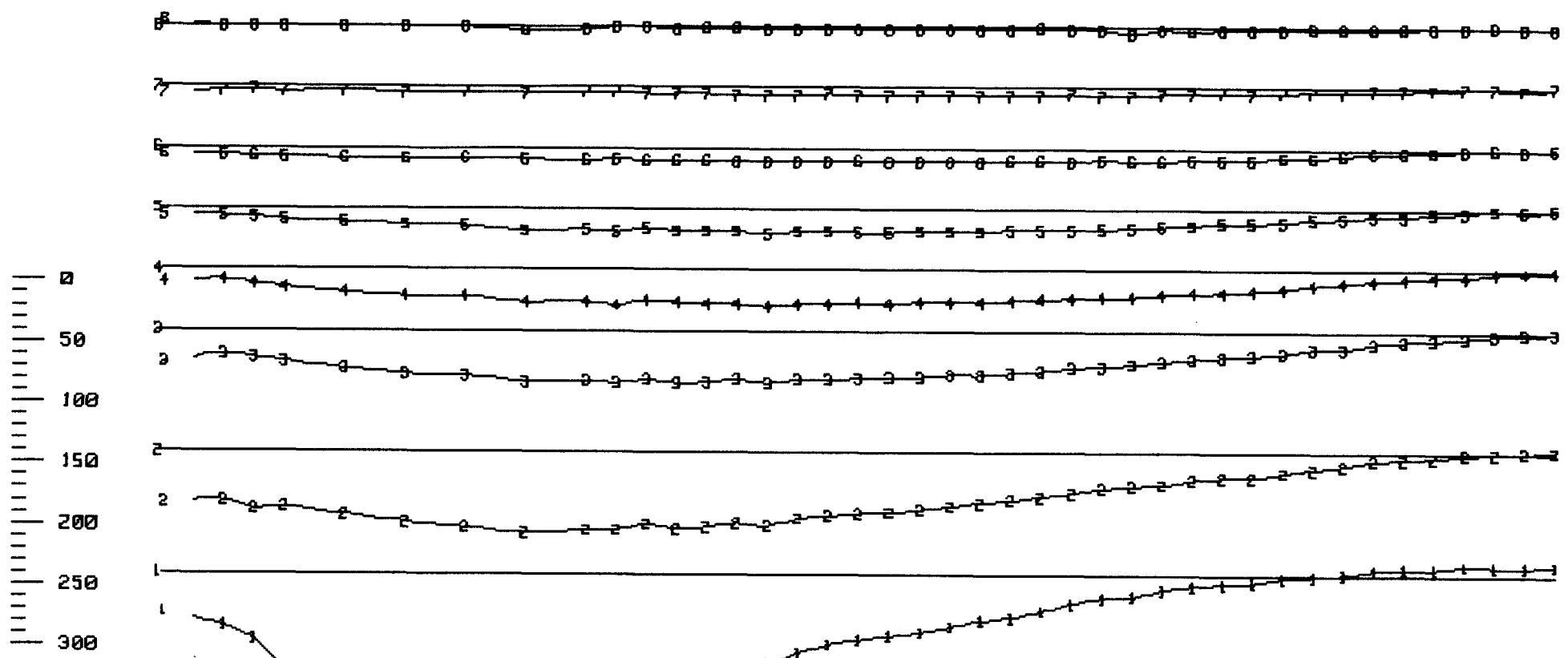
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200M LOOP 1

DATE: AUG/84 FIG.: 86

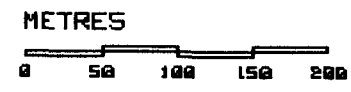
650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



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.

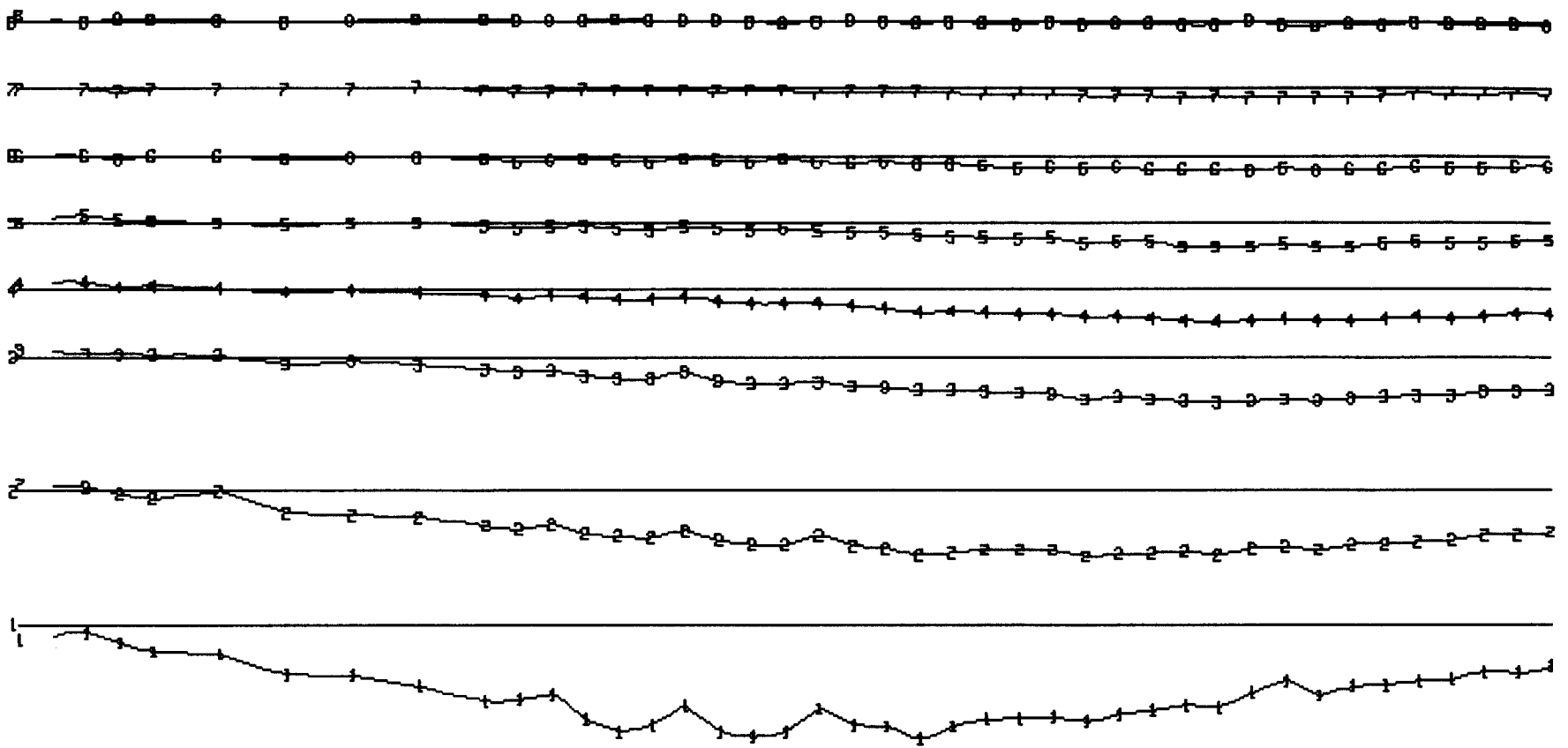


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300N LOOP 1

DATE: AUG/84

FIG.: 87

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



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.

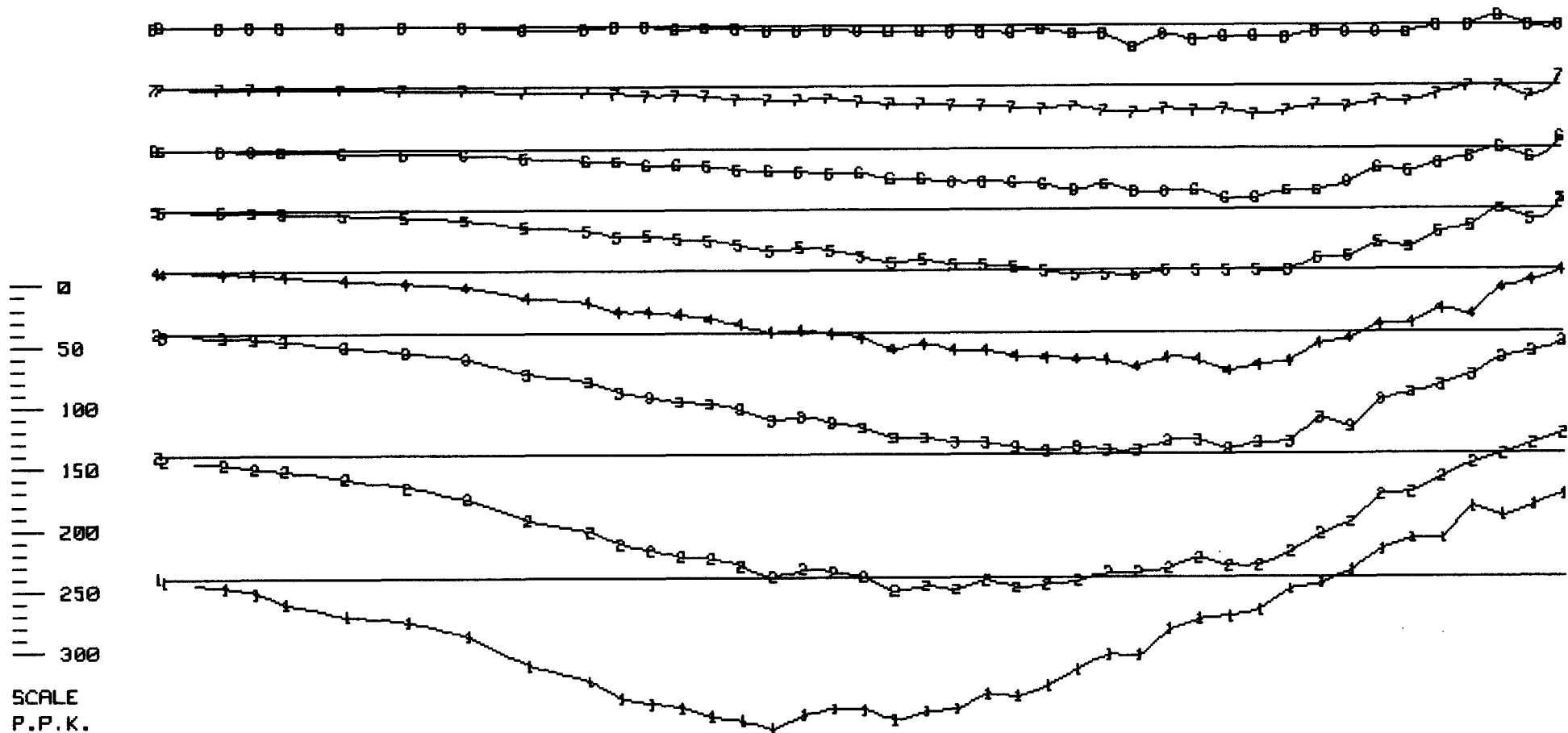


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300N LOOP 1

DATE: AUG/84

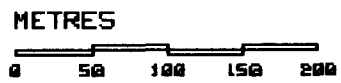
FIG.: 88

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



SCALE
P.P.K.
+ OR -

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

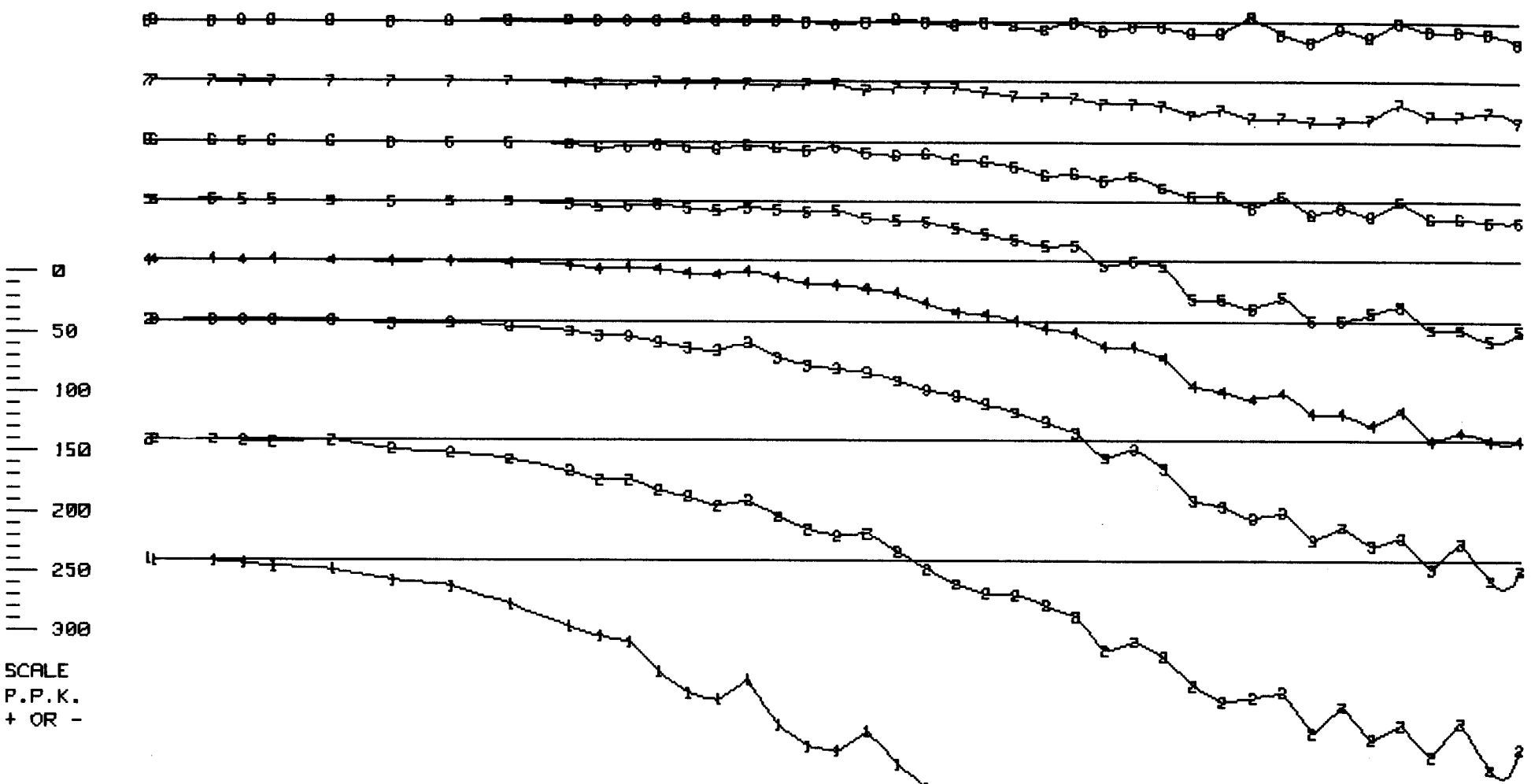


GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300N LOOP 1

DATE: AUG/84 FIG.: 89

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



SCALE
P.P.K.
+ OR -

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

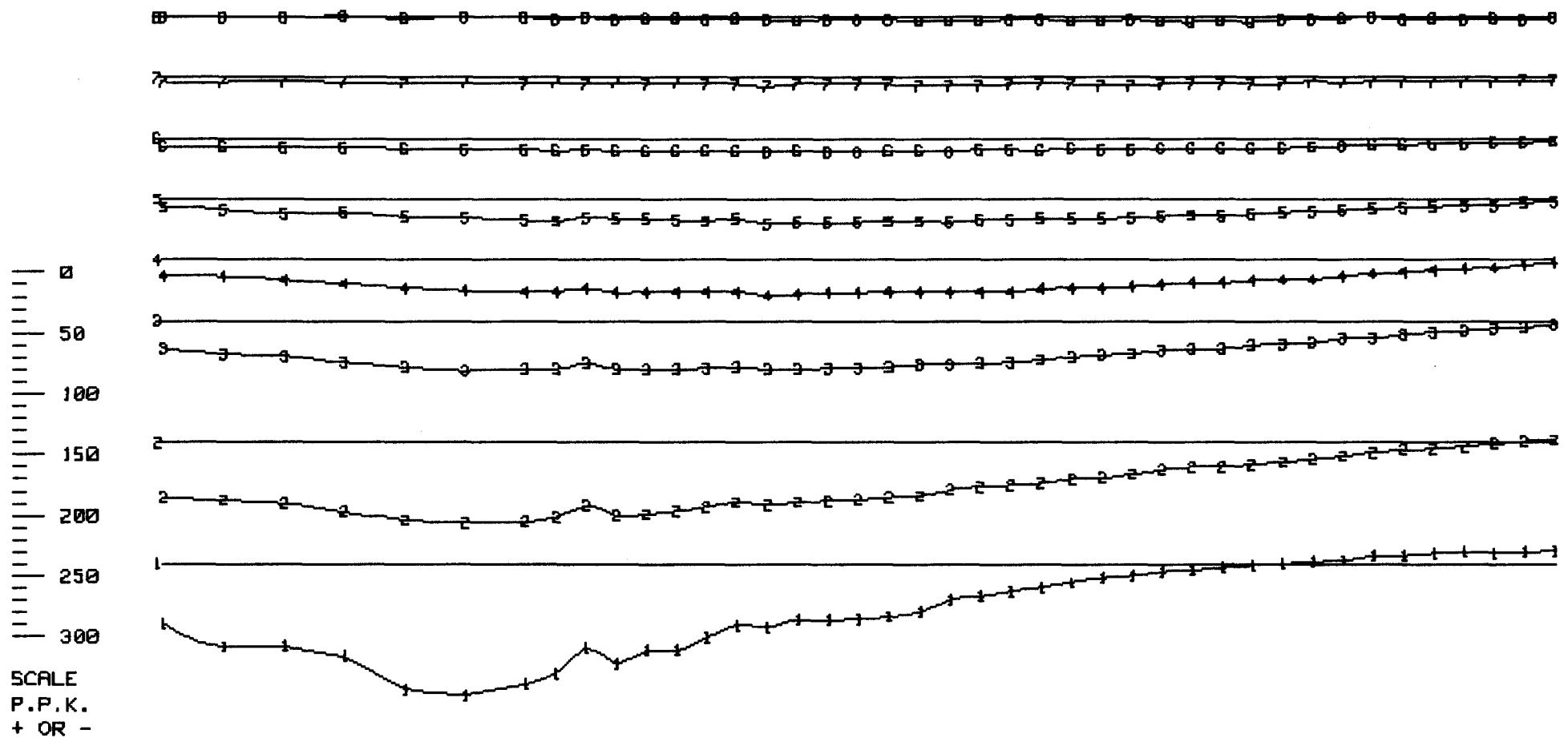


BUTLER MIN. MINERALS CORP.
YF CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300N LOOP 1

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

DATE: AUG/84 FIG.: 90

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



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

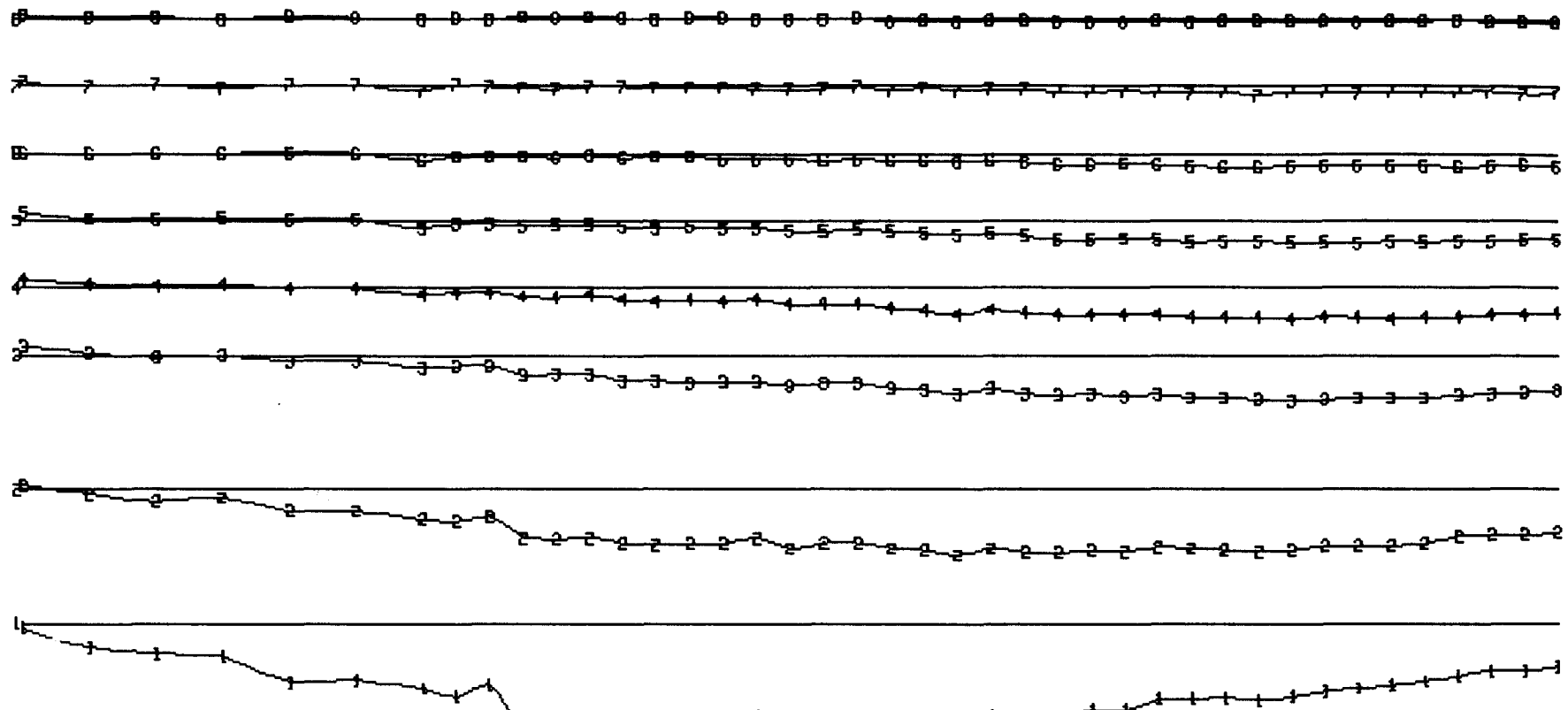
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400N LOOP 1

DATE: AUG/84 FIG.: 91

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



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.

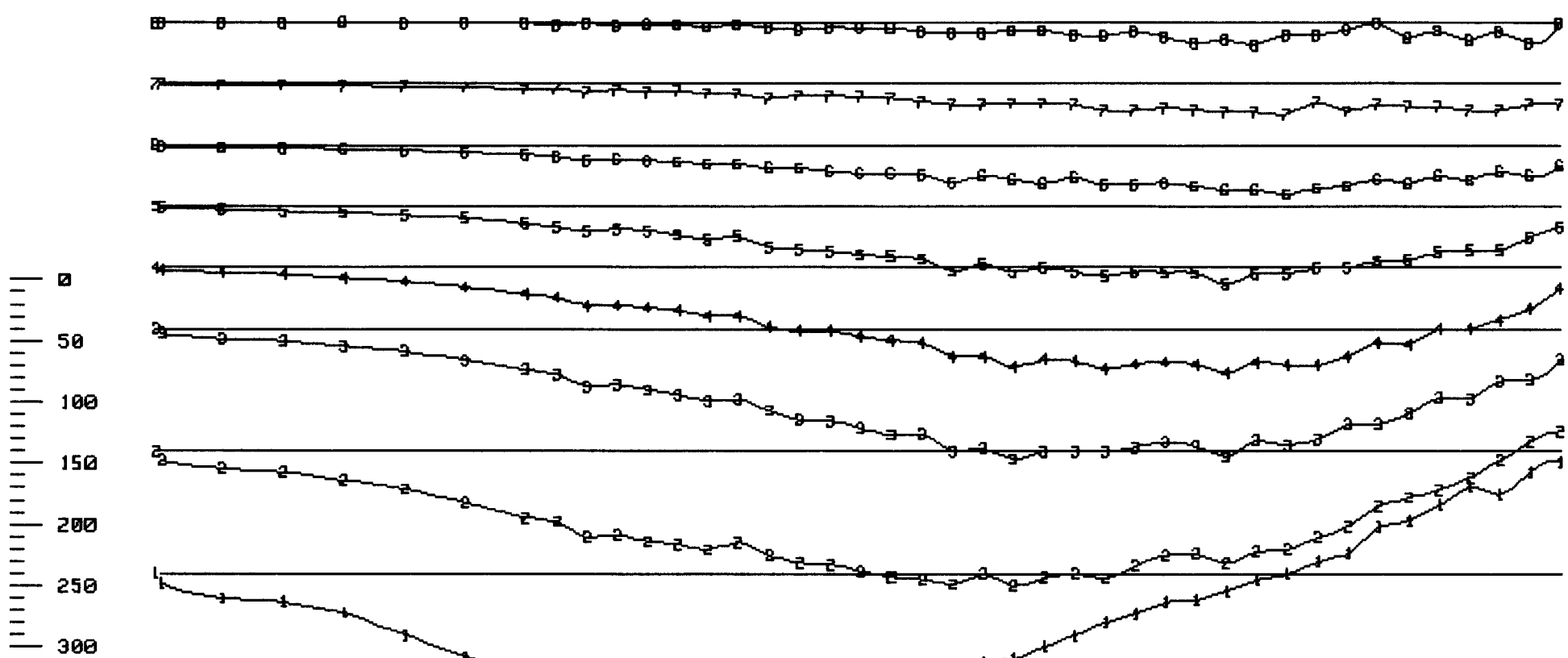


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400N LOOP 1

DATE: AUG/84

FIG.: 92

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



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

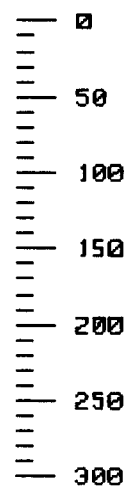
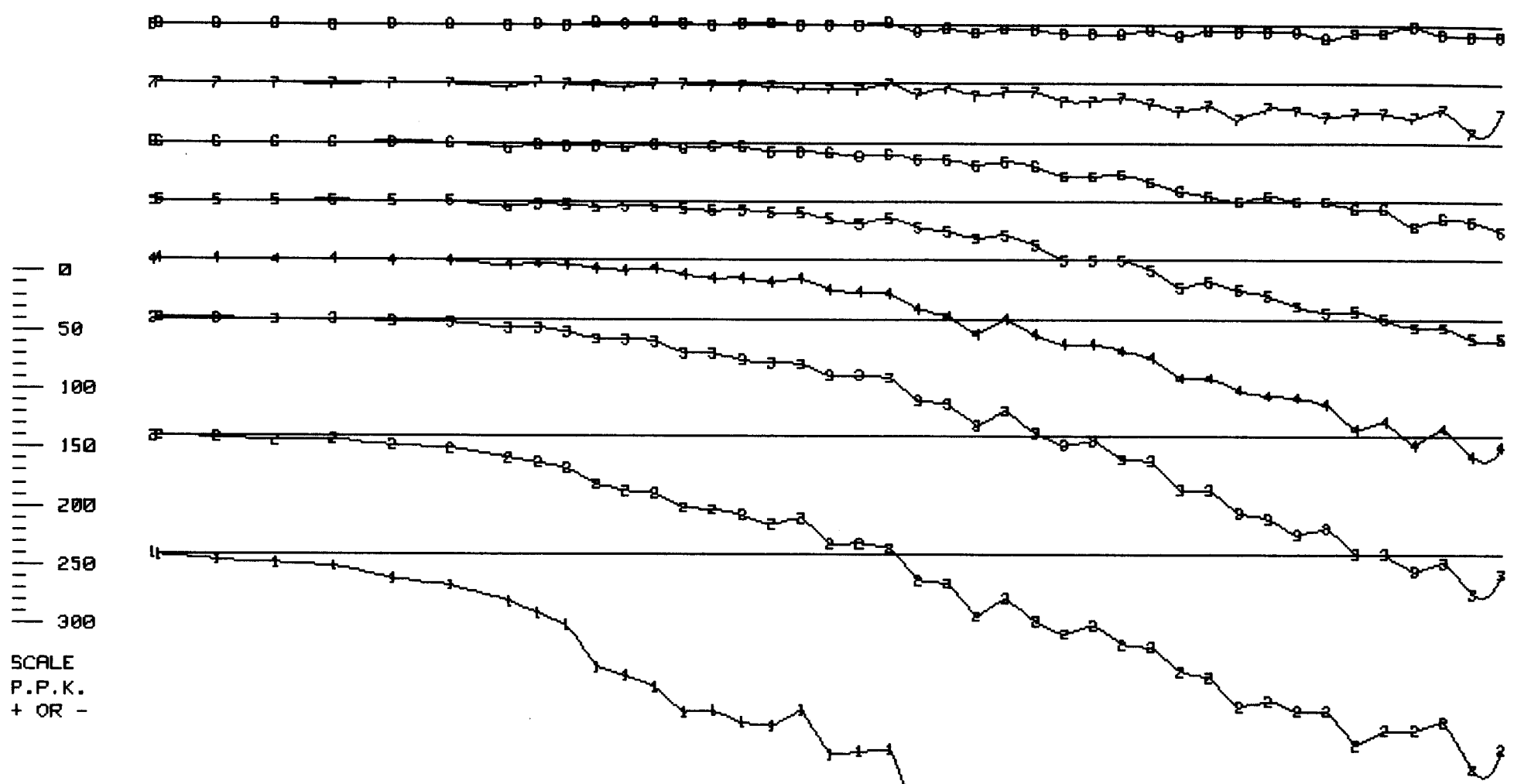
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400N LOOP 1

DATE: AUG/84 FIG.: 93

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



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

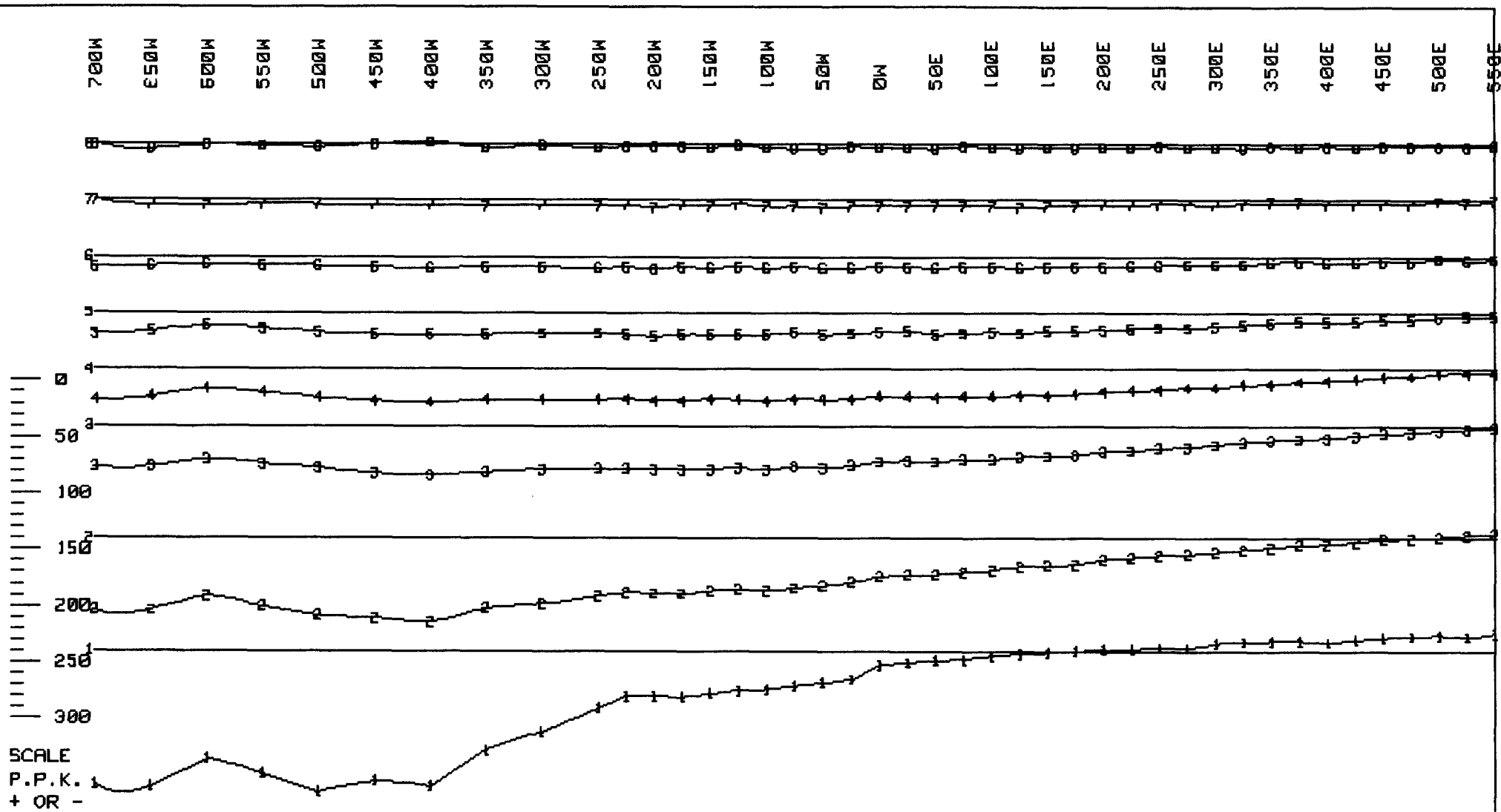
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400N LOOP 1

DATE: AUG/84

FIG.: 94



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

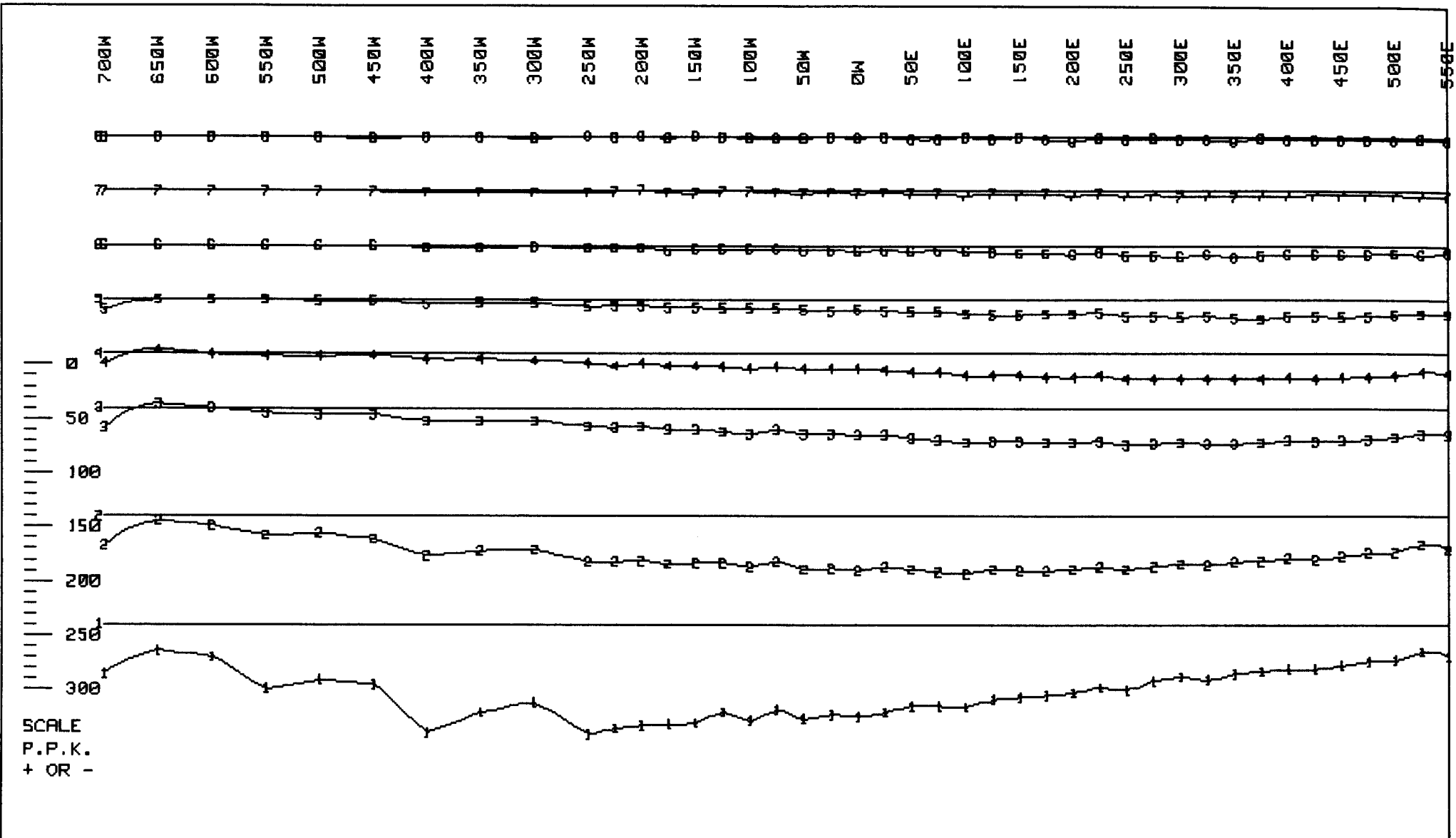
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 500N LOOP 1

DATE: AUG/84

FIG.: 95



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

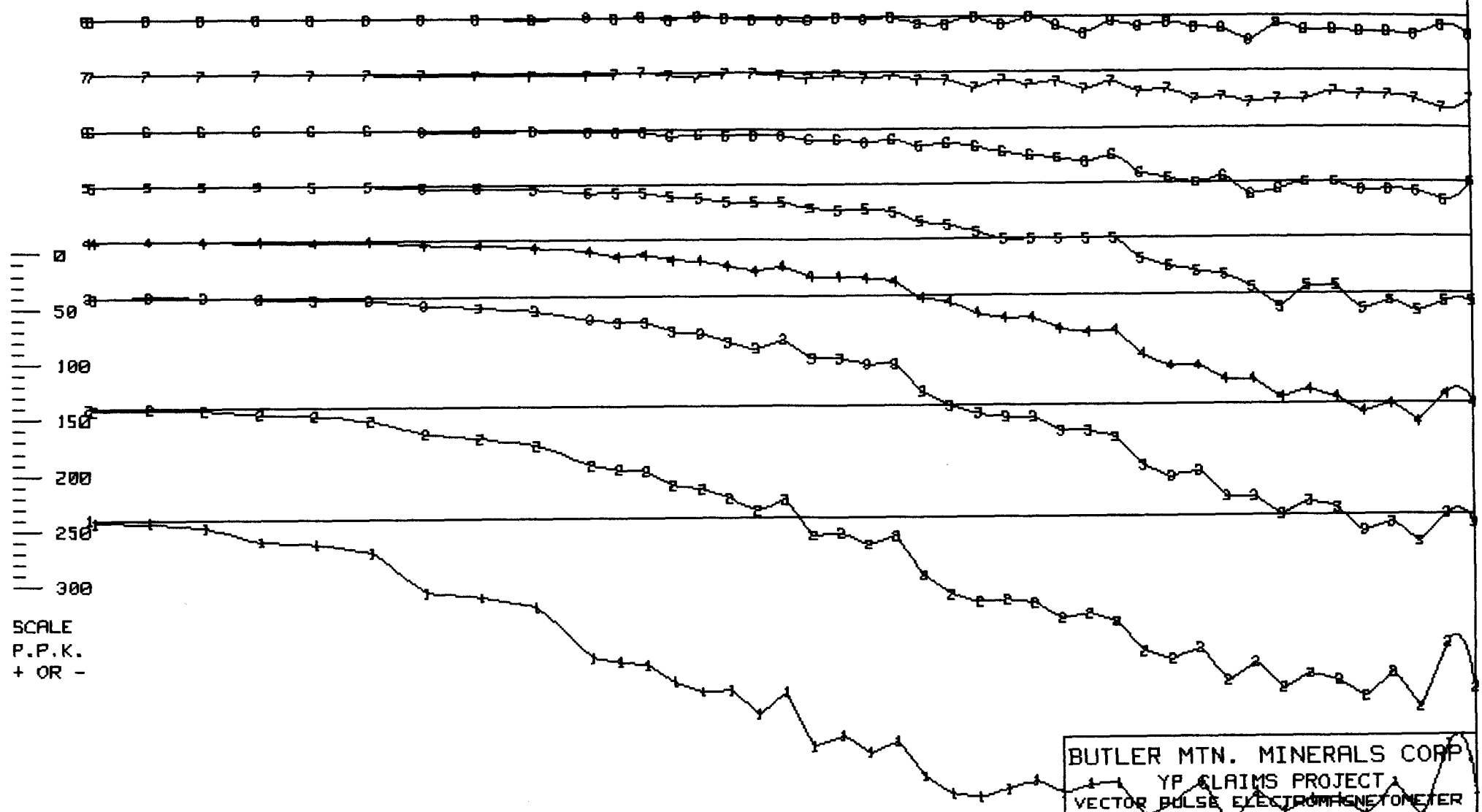
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 500N LOOP 1

DATE: AUG/84 FIG.: 96

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



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.



BUTLER MTN. MINERALS CORP
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 500N LOOP 1

DATE: AUG/84 FIG.: 98

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



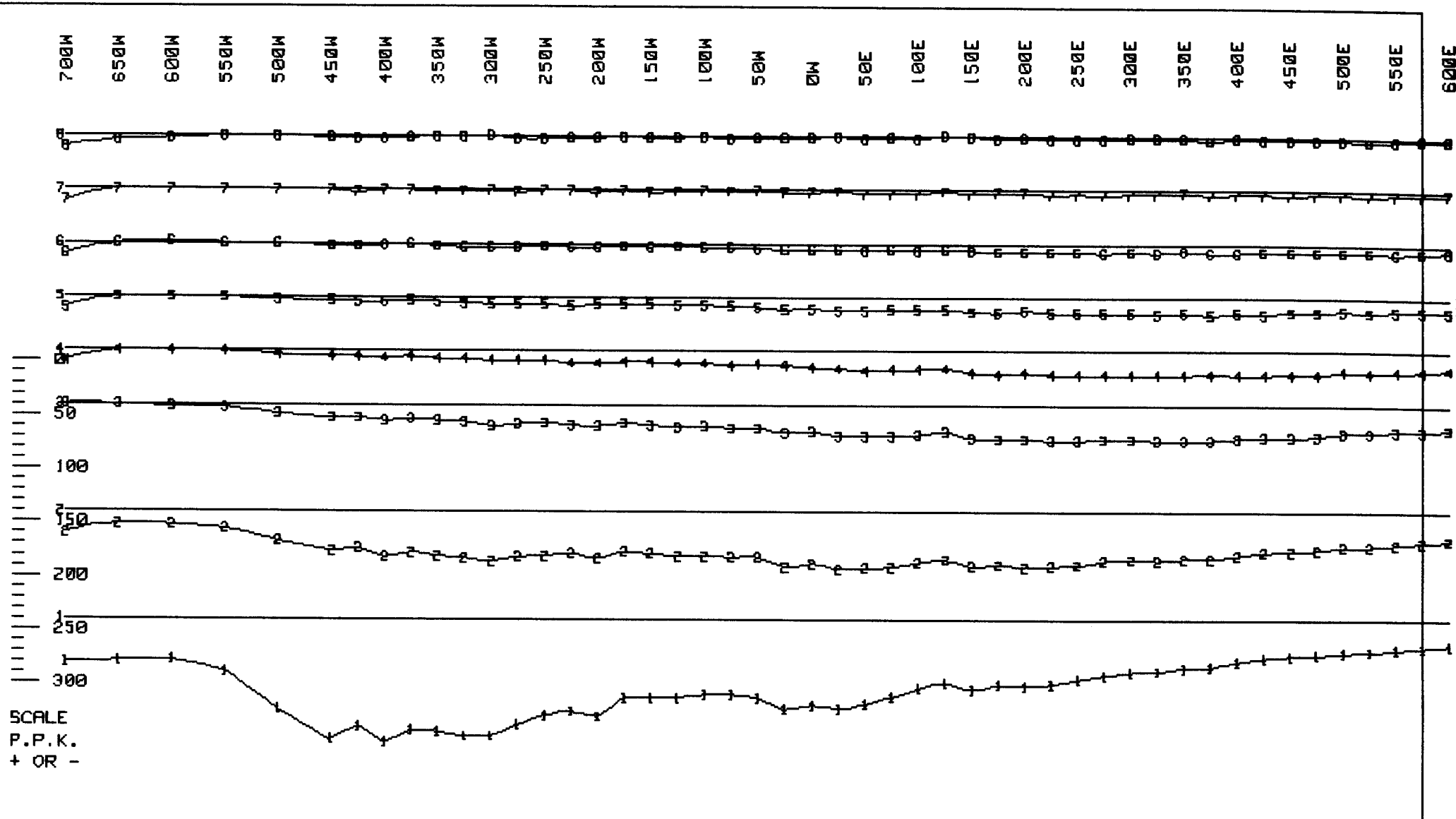
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 600N LOOP 1

DATE: AUG/84 FIG.: 99



SCALE
P.P.K.
+ OR -

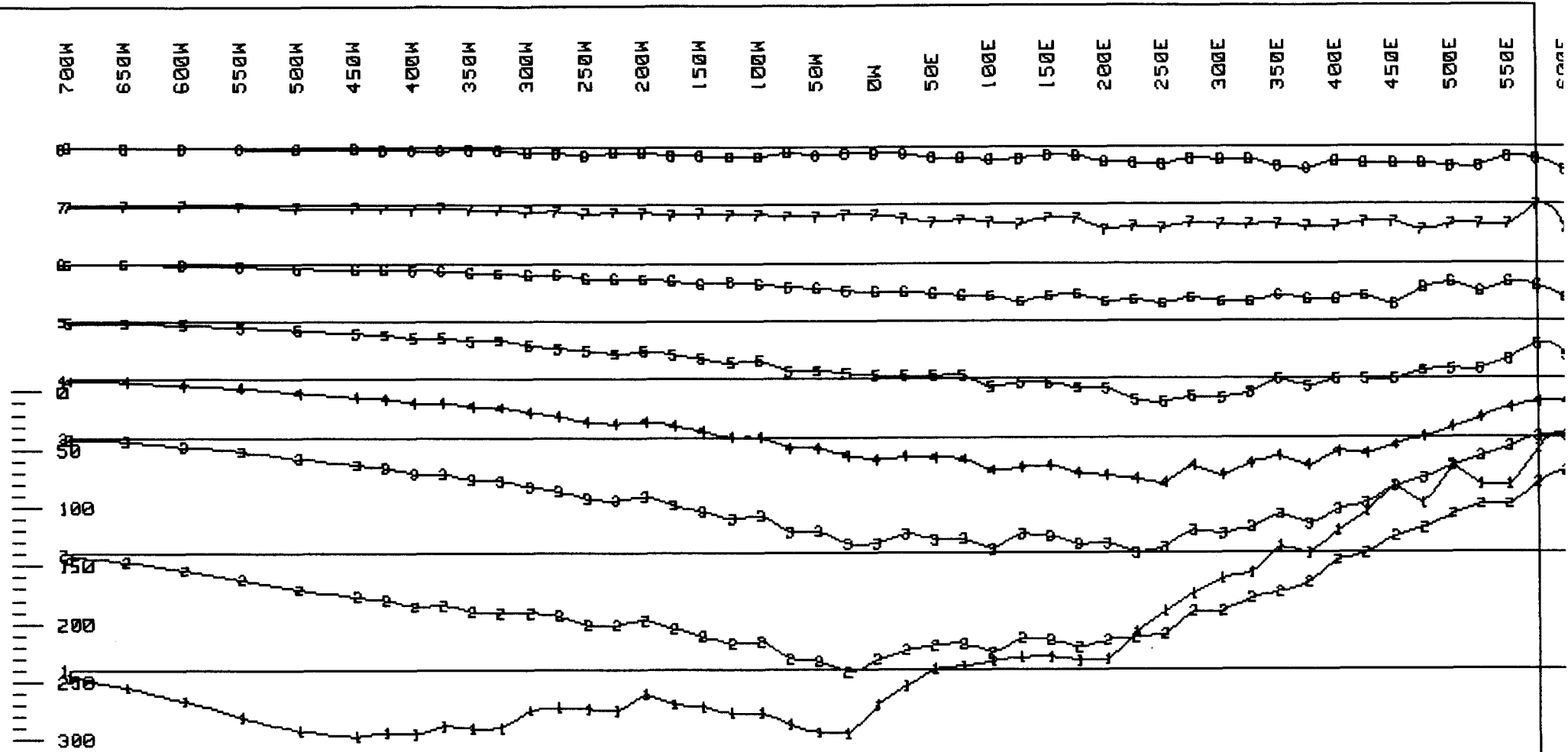
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 600N LOOP 1

DATE: AUG/84 FIG.: 100



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

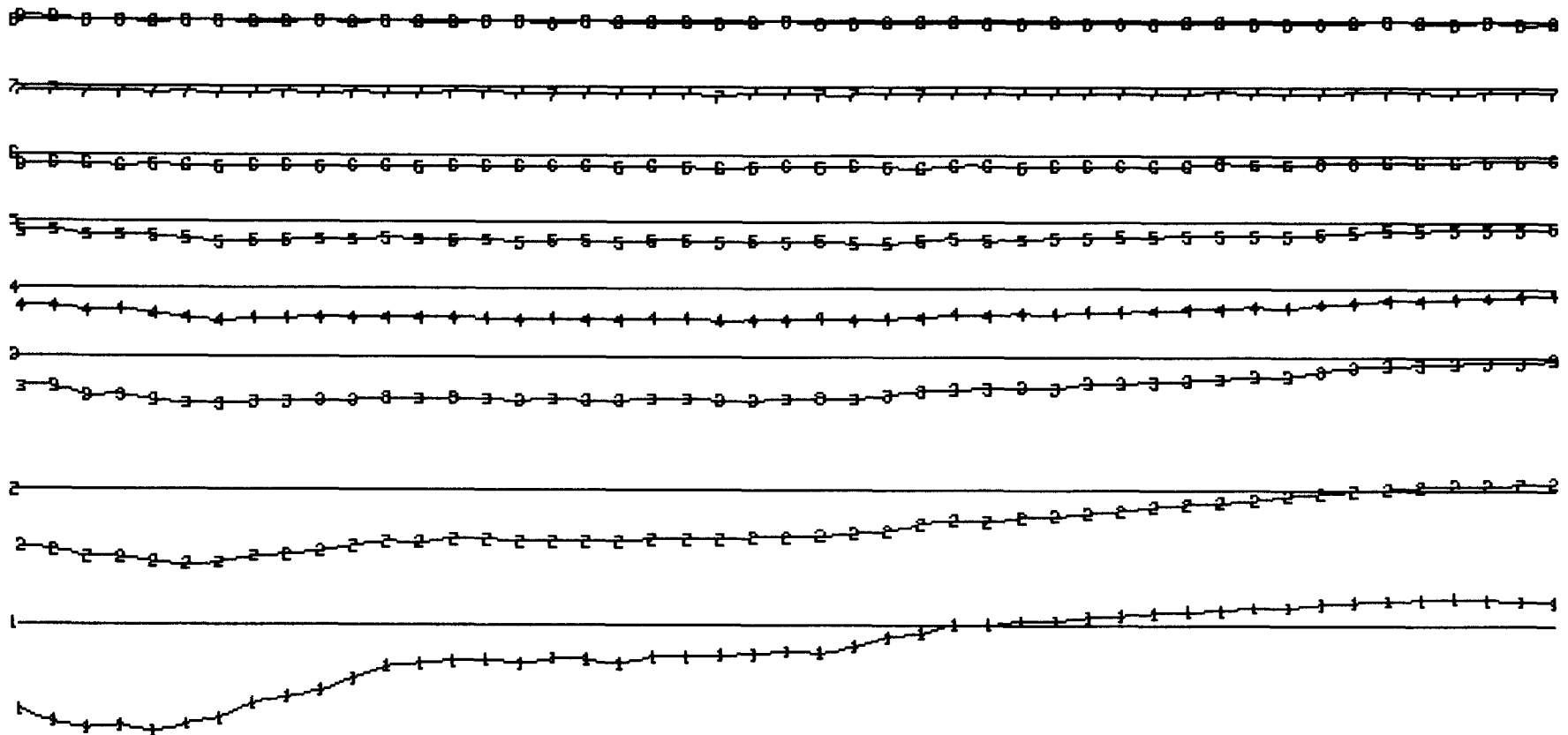
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 600N LOOP 1

| | |
|--------------|-----------|
| DATE: AUG/84 | FIG.: 101 |
|--------------|-----------|

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



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.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 700N LOOP 1

DATE: AUG/84 FIG.: 103

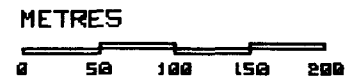
650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

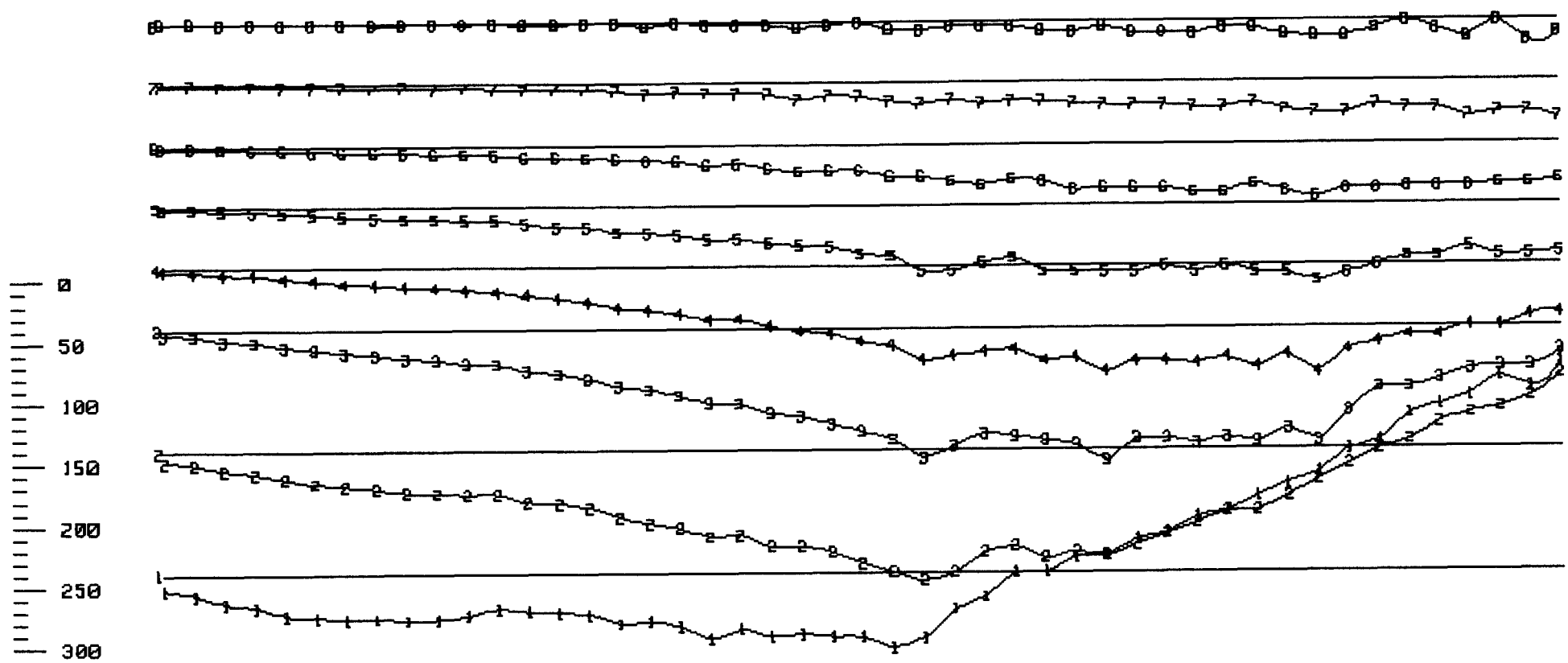
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 700N LOOP 1

DATE: AUG/84 FIG.: 104

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



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

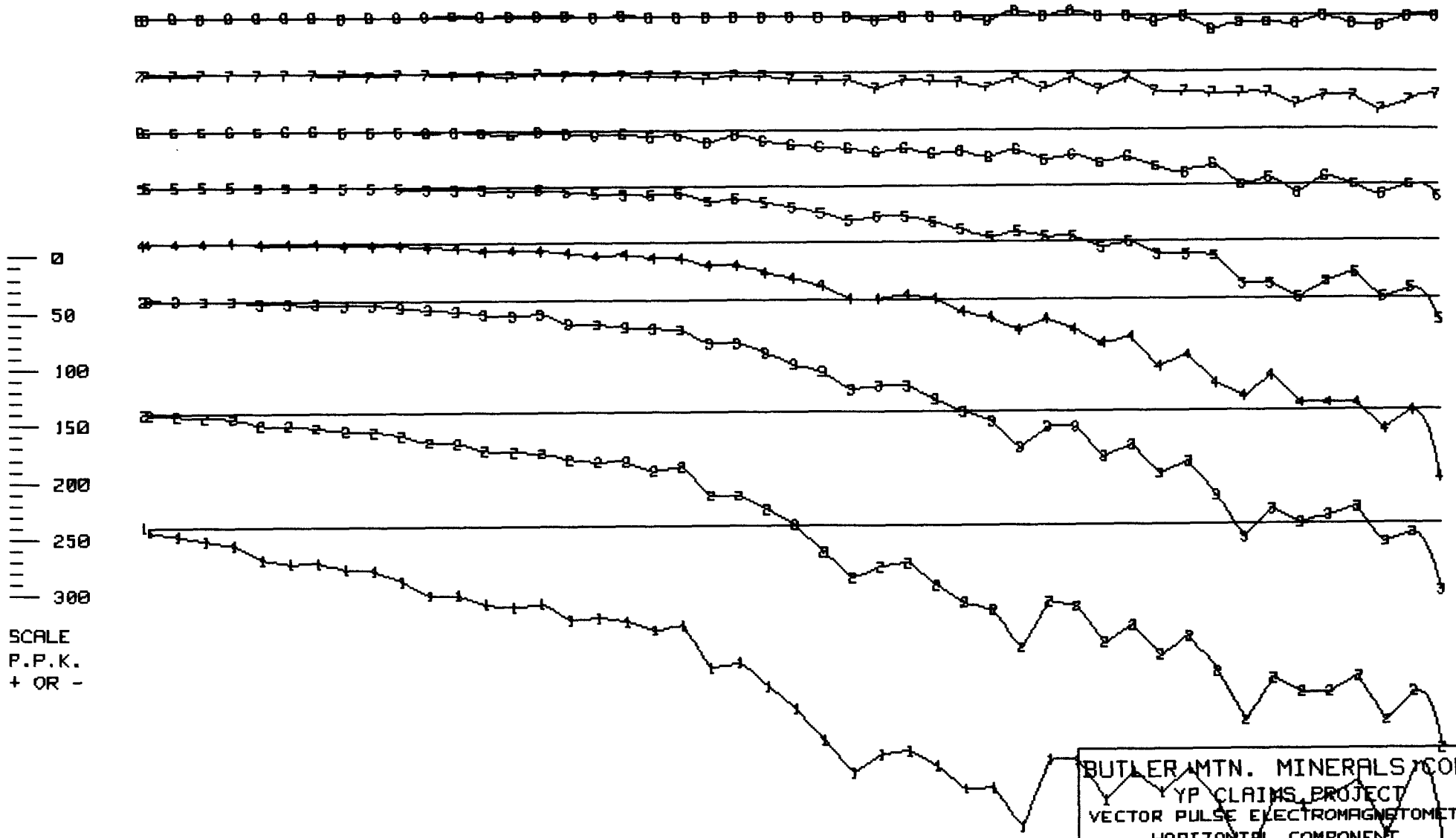
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 700N LOOP 1

DATE: AUG/84 FIG.: 105

65W 60W 55W 50W 45W 40W 35W 30W 25W 20W 15W 10W 5W 0 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



SCALE
P.P.K.
+ OR -

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

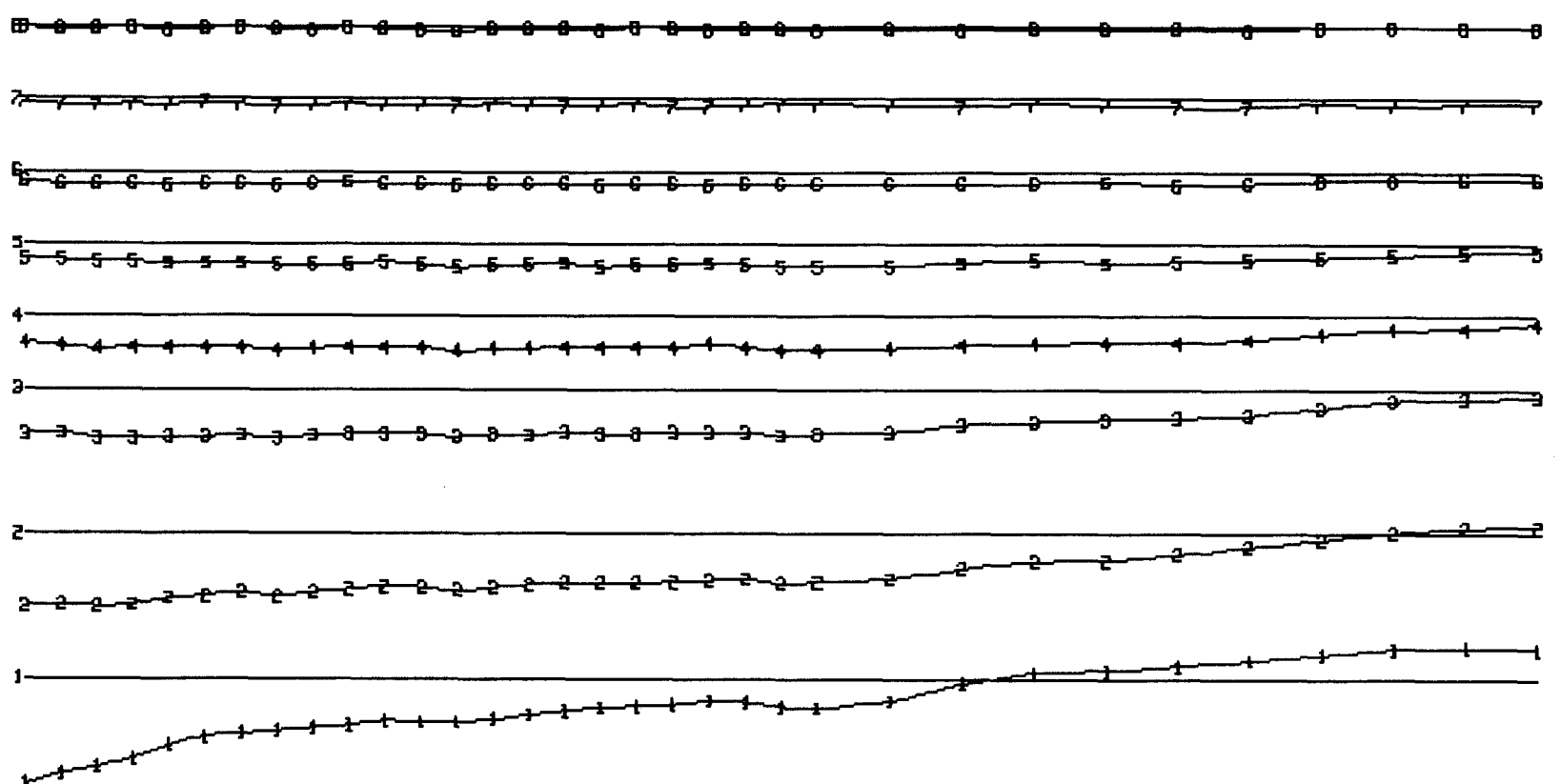


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300N LOOP 1

DATE: AUG/84 FIG.: 106

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

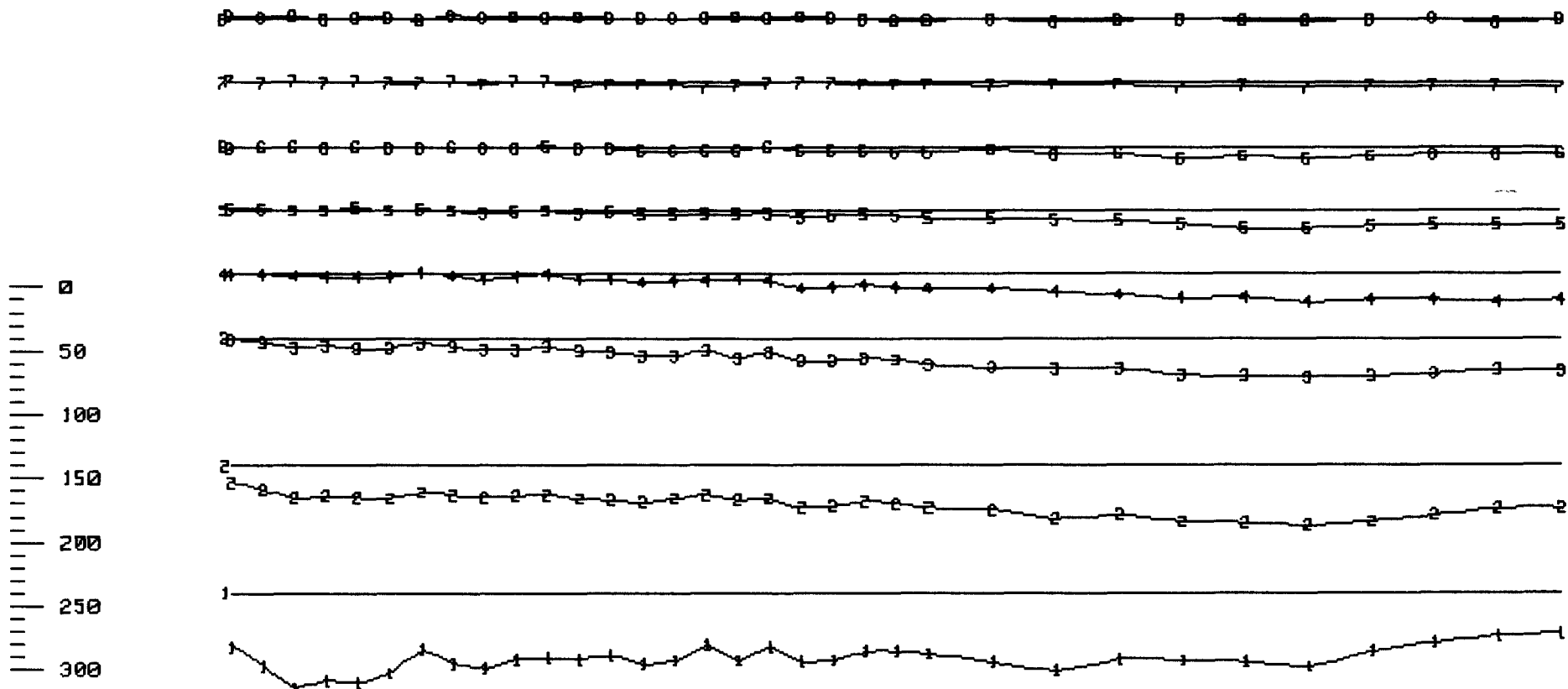
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 000N LOOP 1

DATE: AUG/84 FIG.: 107

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



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.

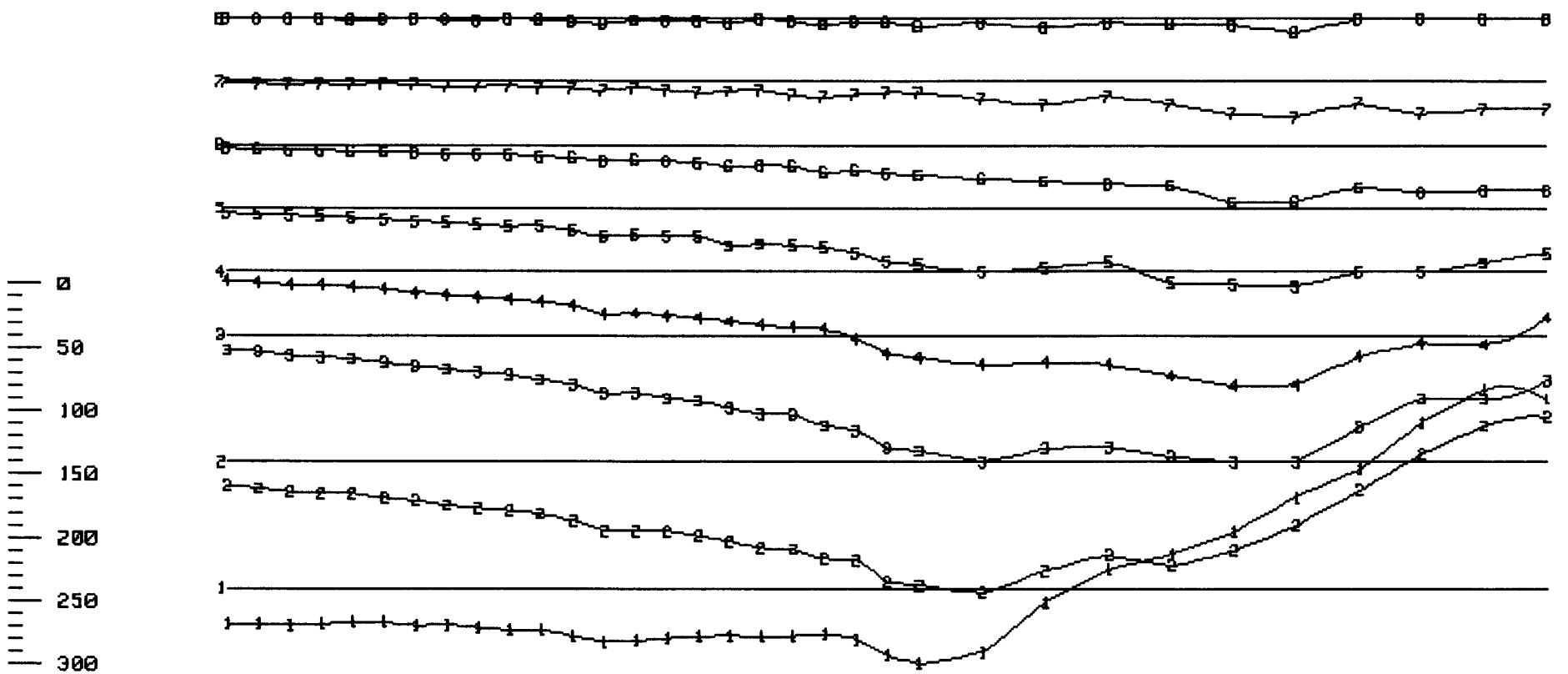


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 000N LOOP 1

DATE: AUG/84

FIG.: 108

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



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.

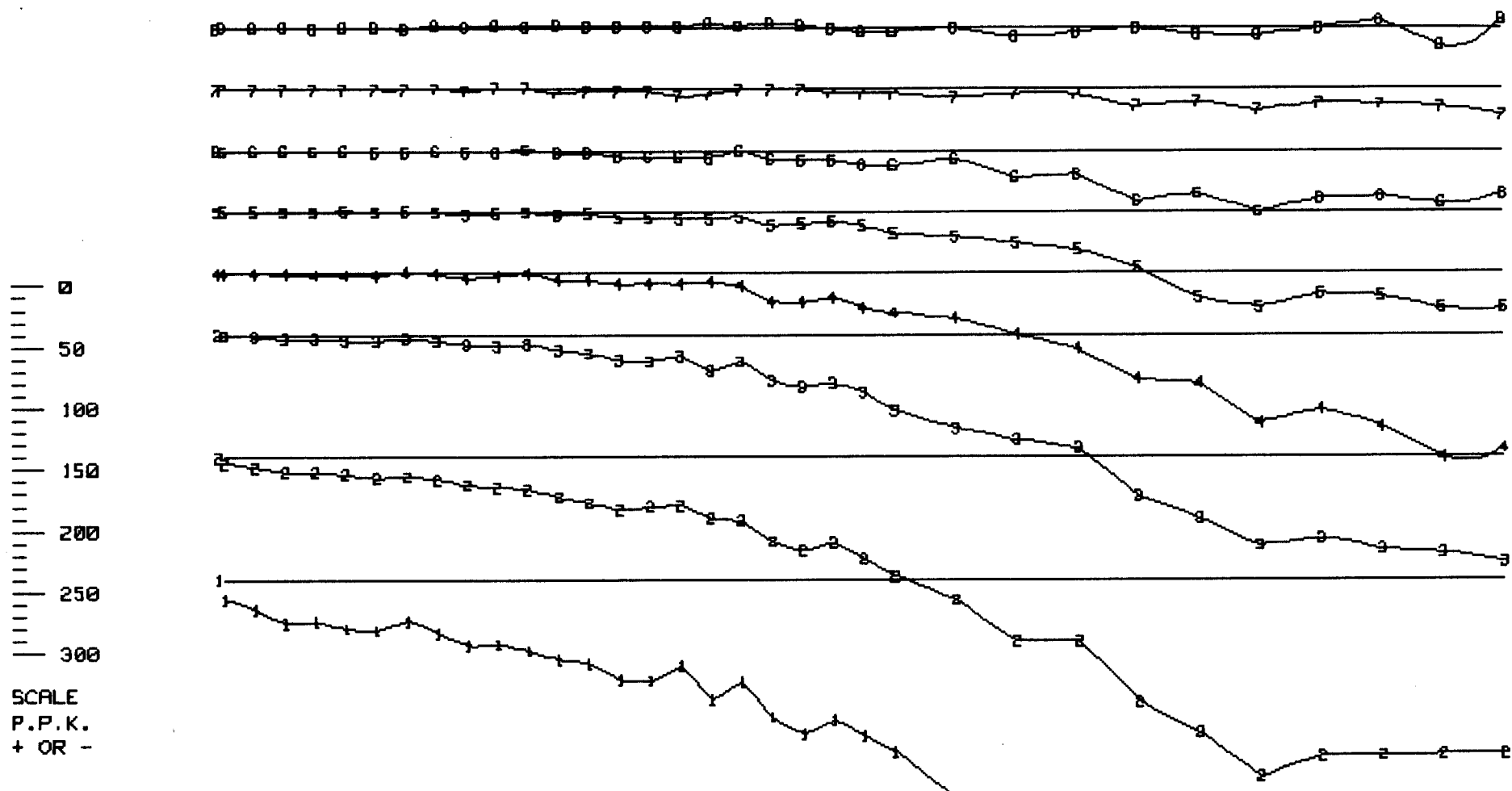


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 800N LOOP 1

DATE: AUG/84

FIG.: 109

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



SCALE
P.P.K.
+ OR -

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

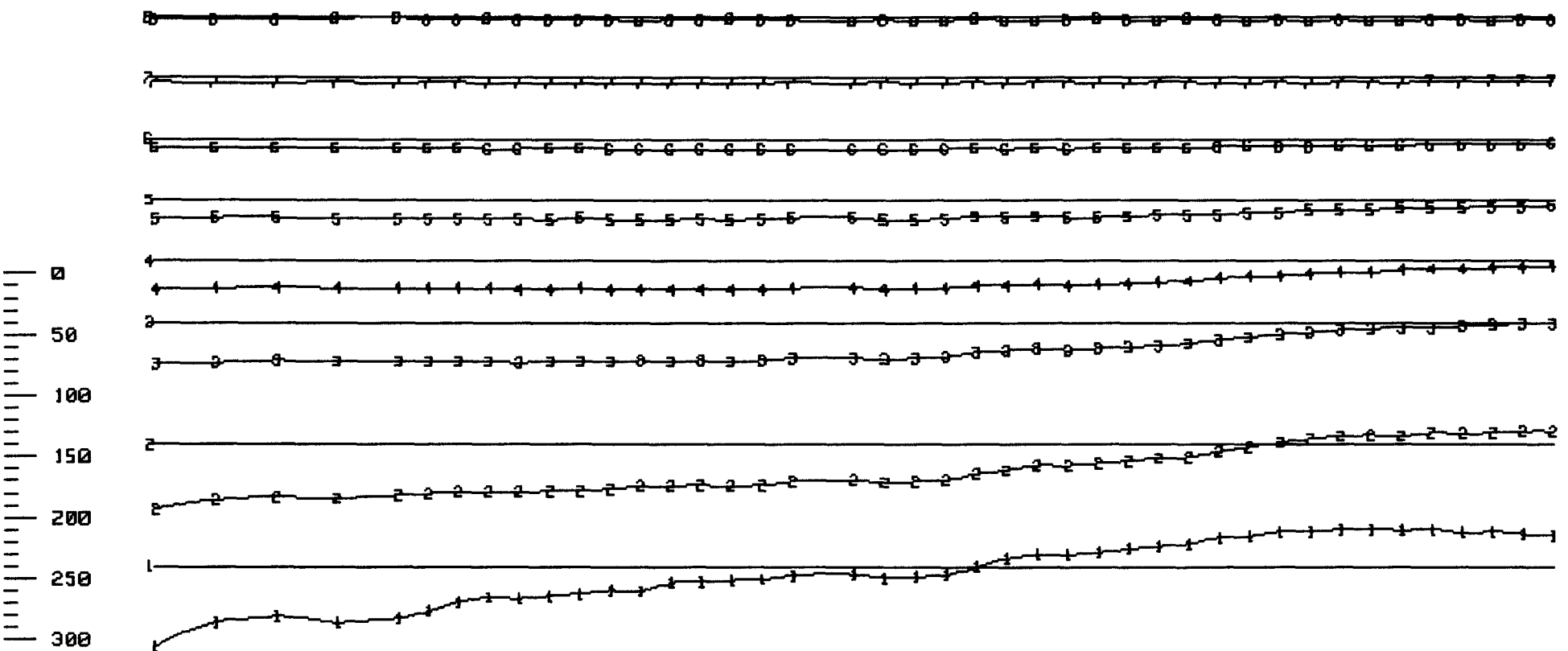


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 000N LOOP 1

DATE: AUG/84 FIG.: 110

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

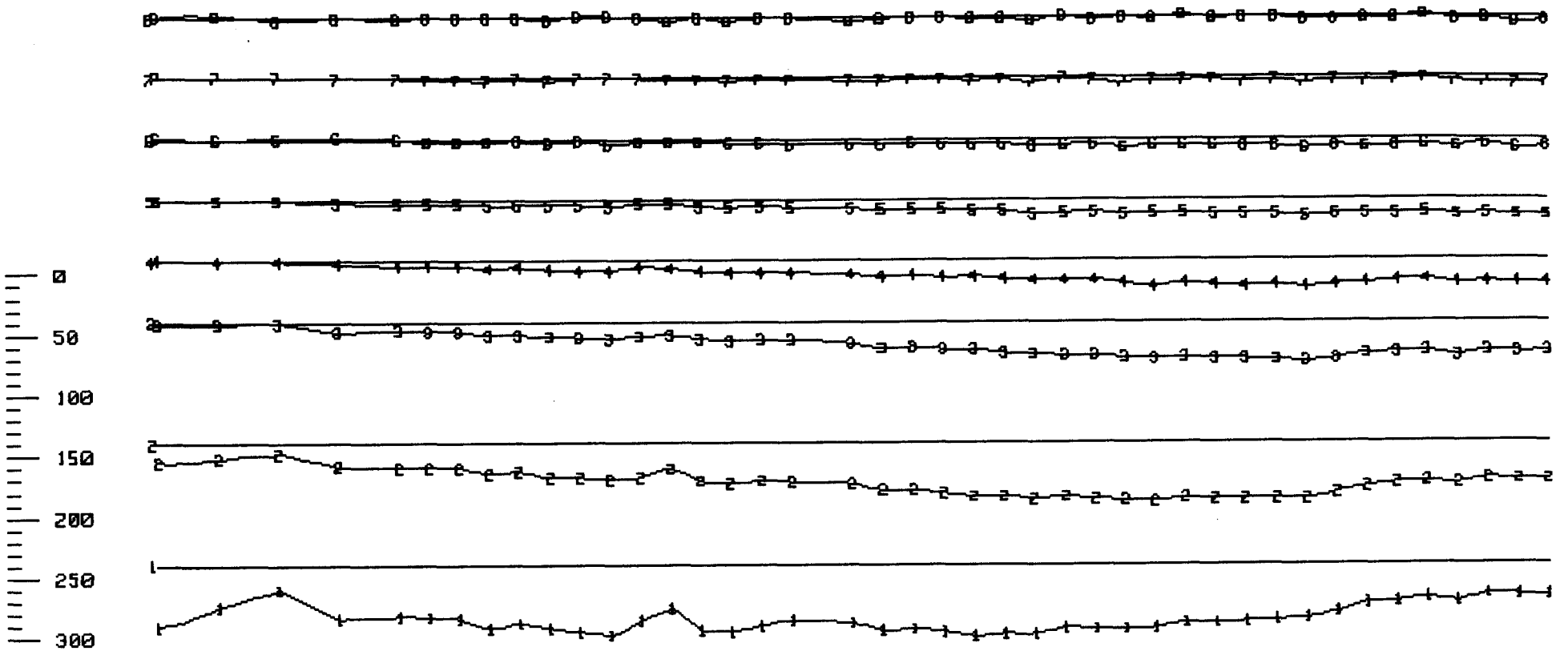
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 900N LOOP 1

DATE: AUG/84 FIG.: 111

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



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
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& SERVICES LTD.

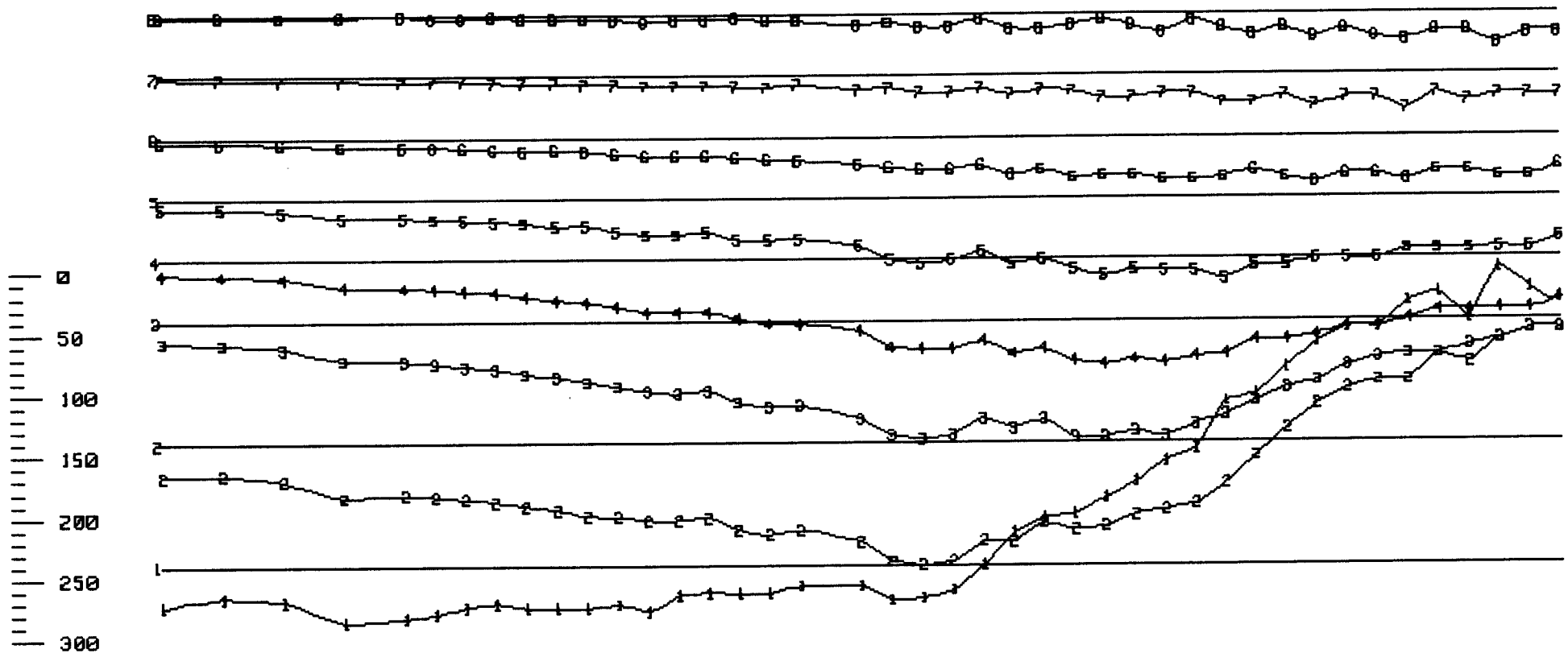
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 900N LOOP 1

DATE: AUG/84 FIG.: 112

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



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

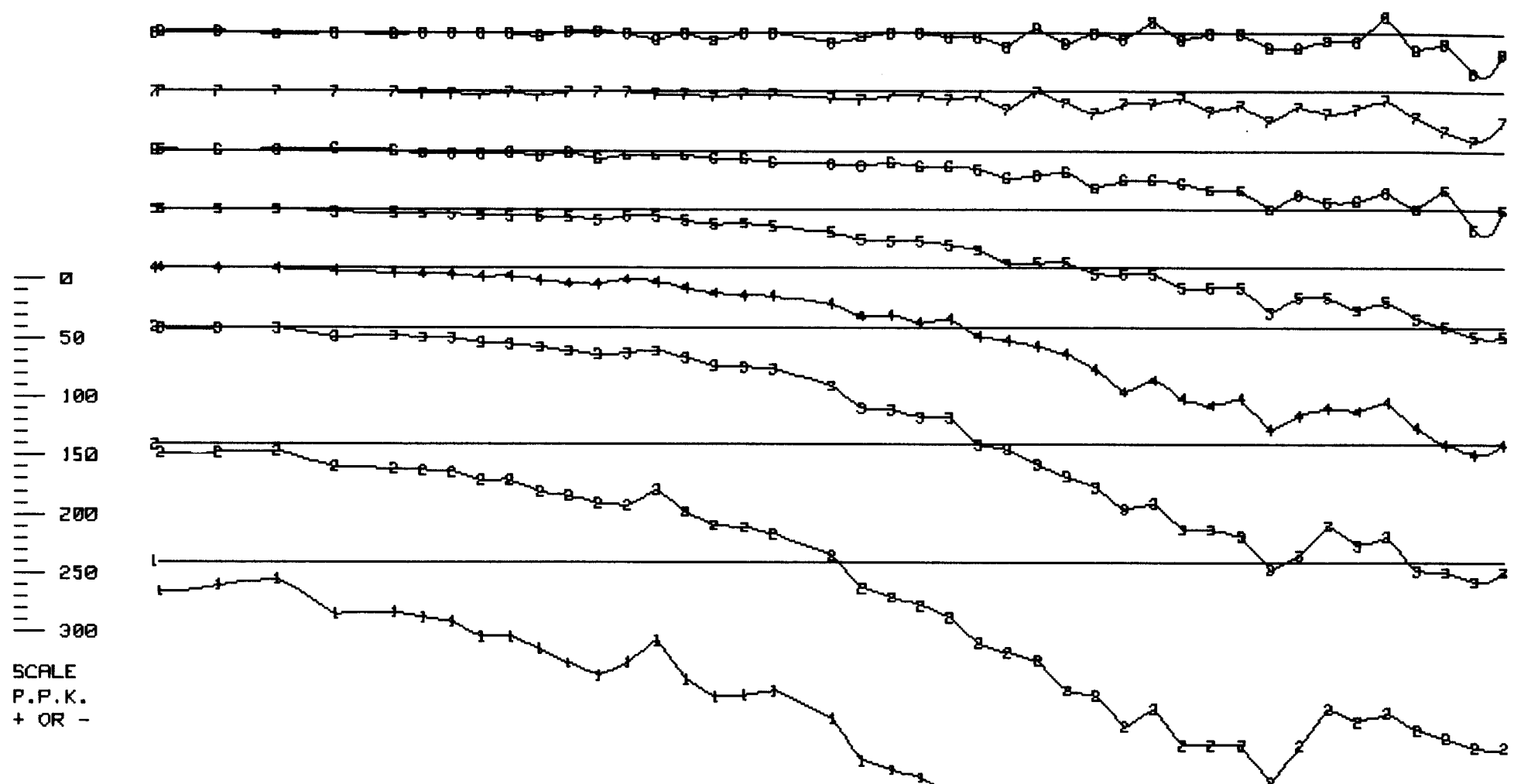
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 900N LOOP 1

DATE: AUG/84 FIG.: 113

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

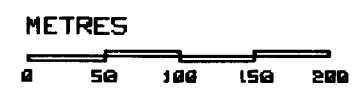


0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

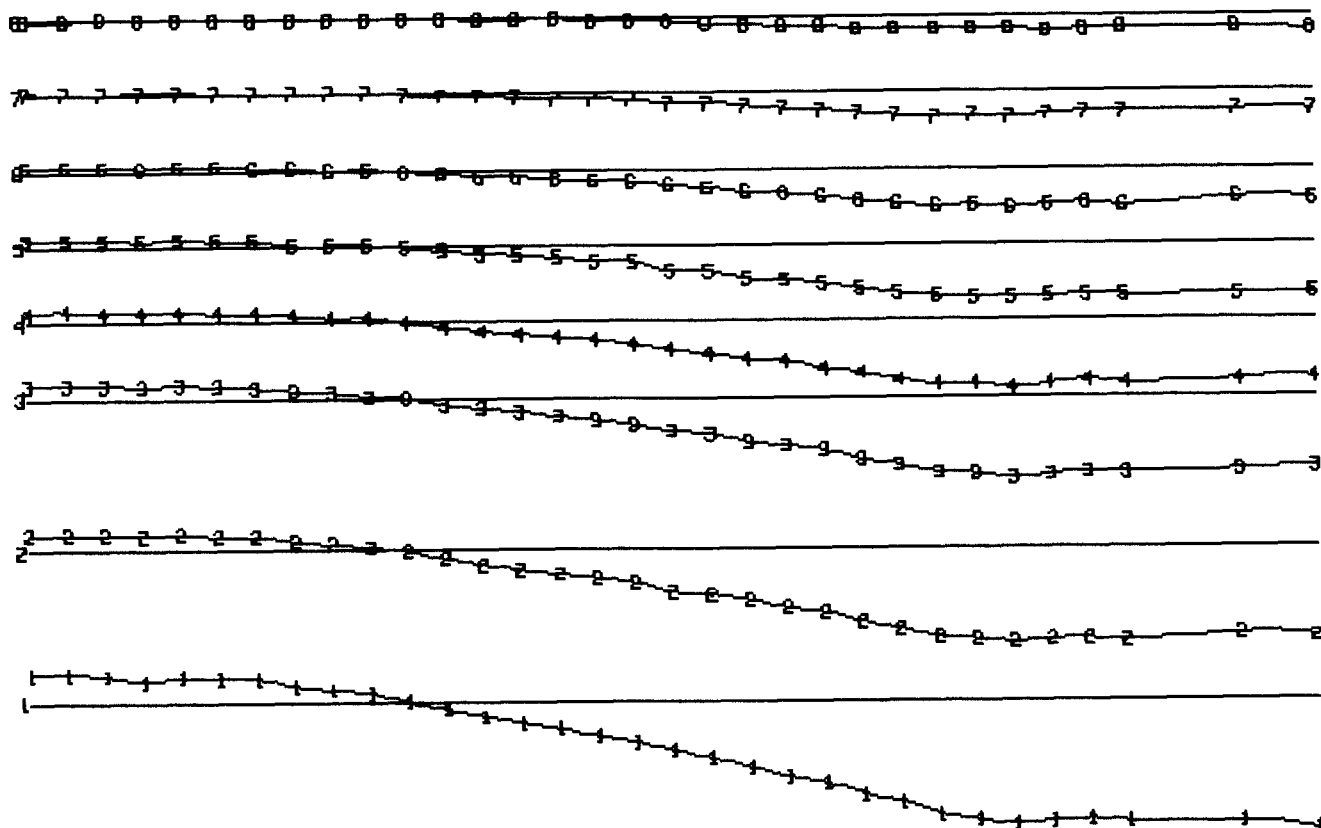
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 900N LOOP 1

DATE: AUG/84 FIG.: 114

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

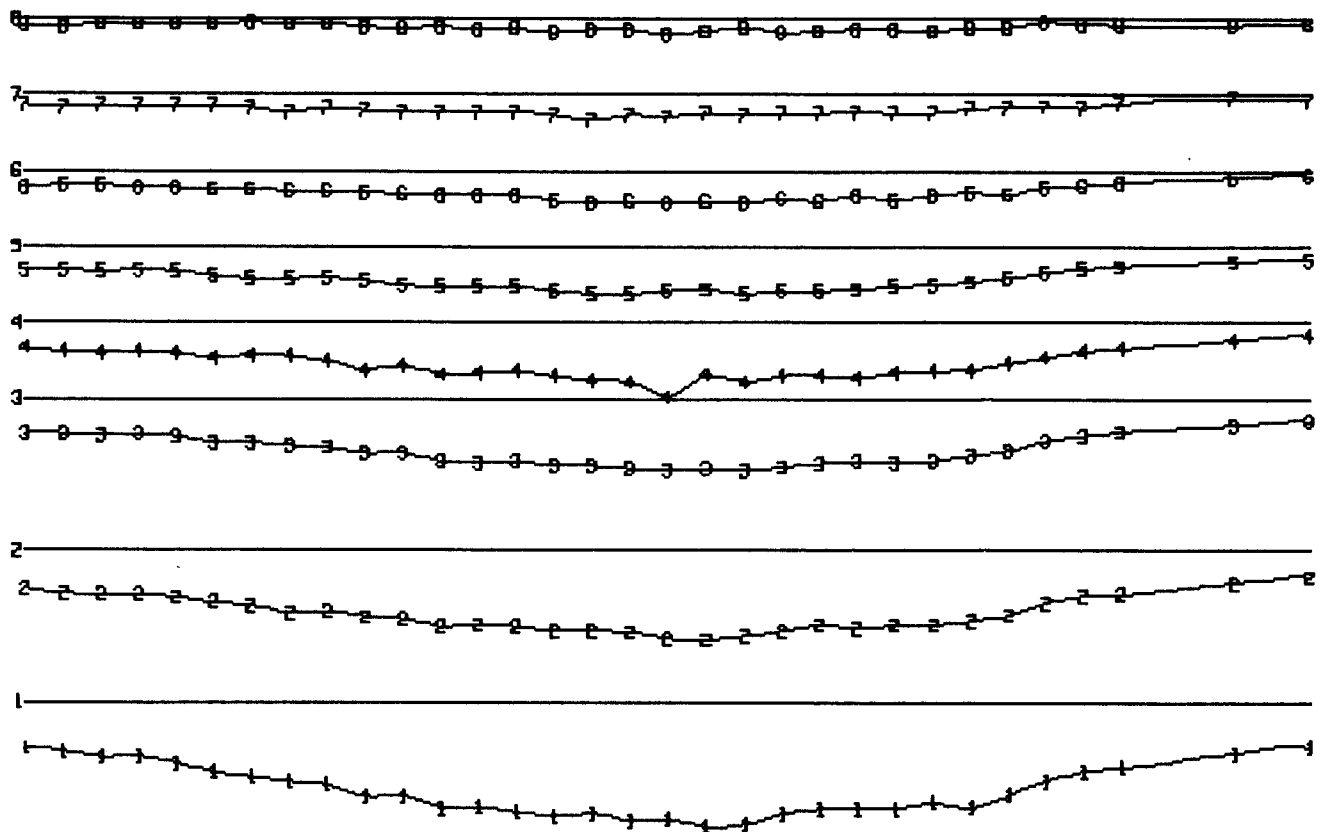


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200N LOOP 2

DATE: AUG/84

FIG.: 115

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



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.

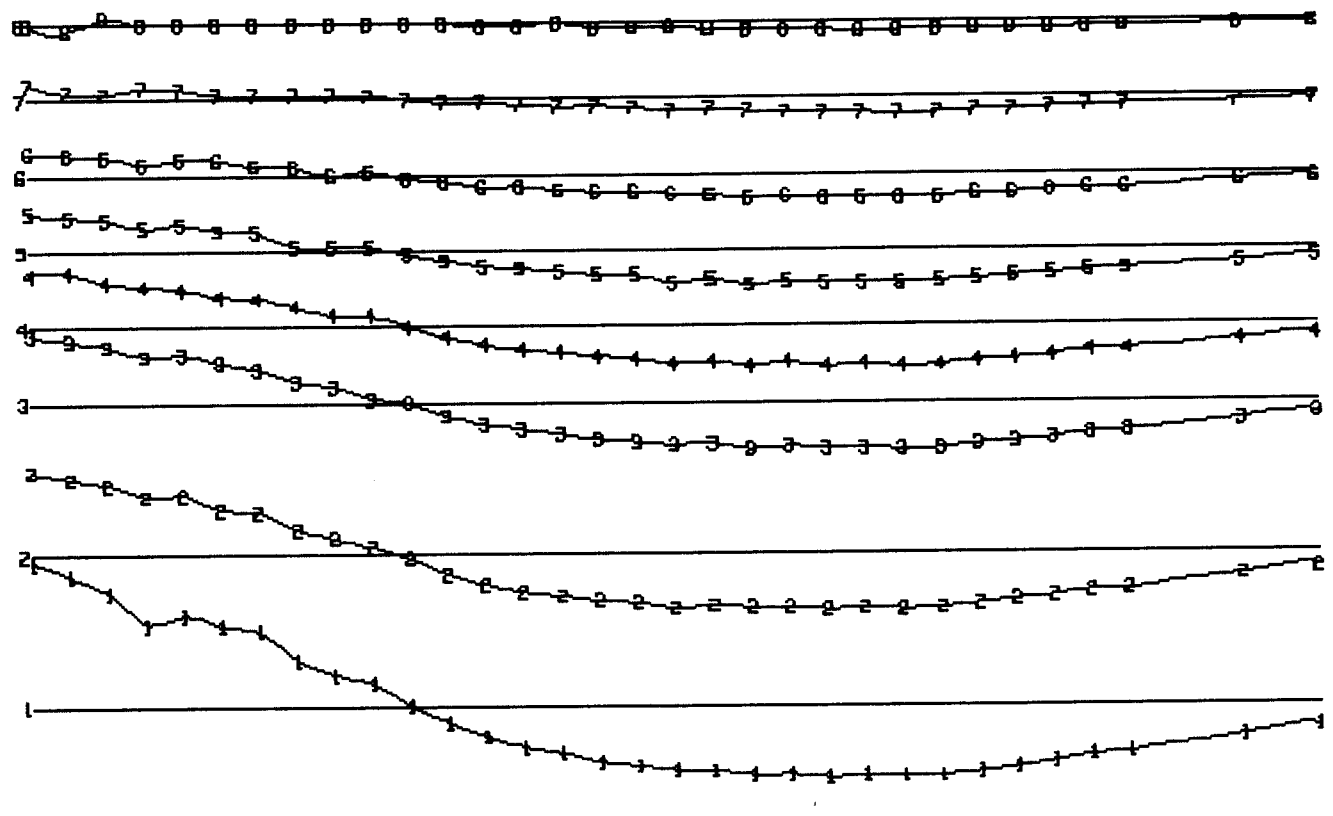


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200N LOOP 2

DATE: AUG/84 FIG.: 116

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

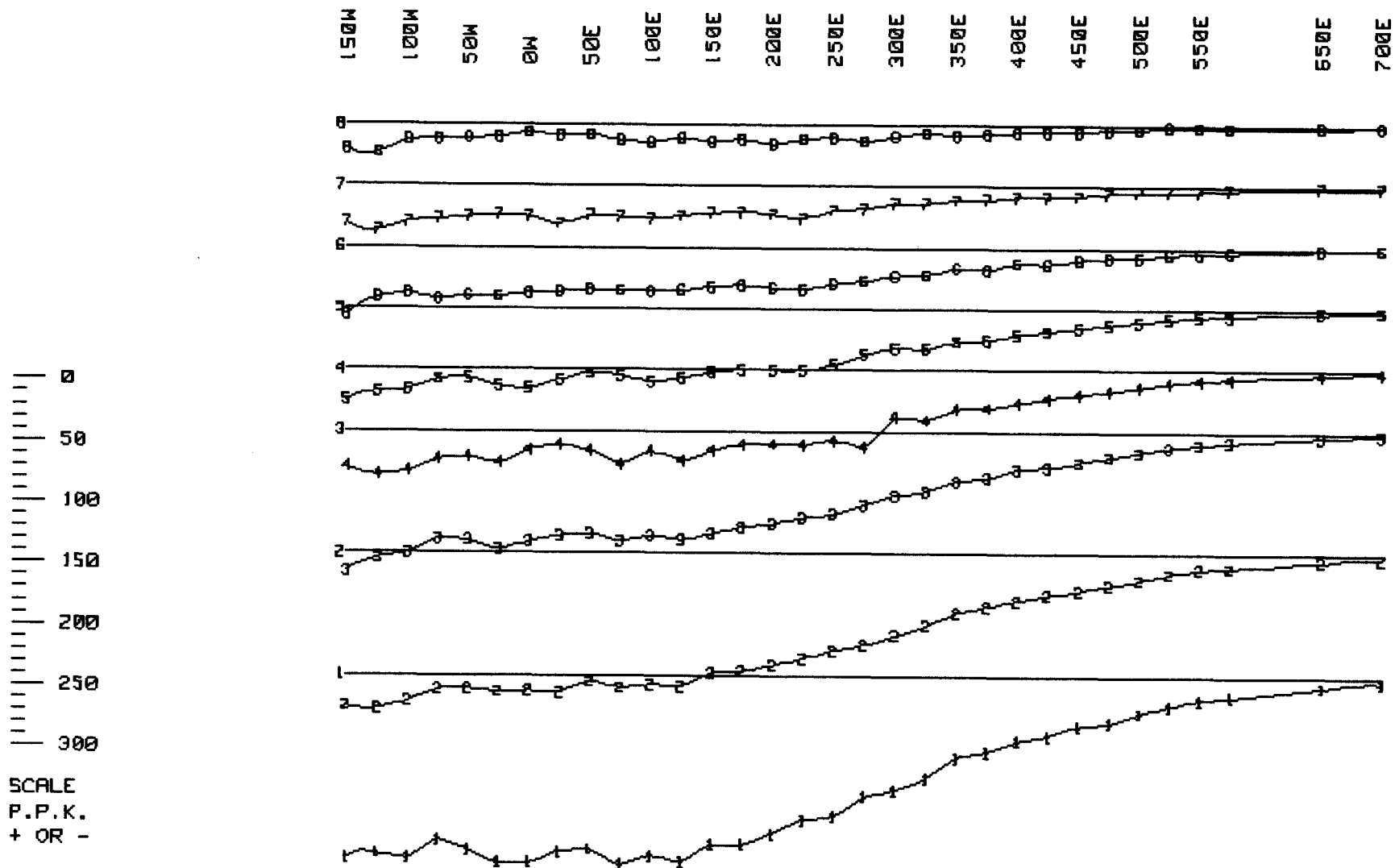
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 200N LOOP 2

DATE: AUG/84

FIG.: 117



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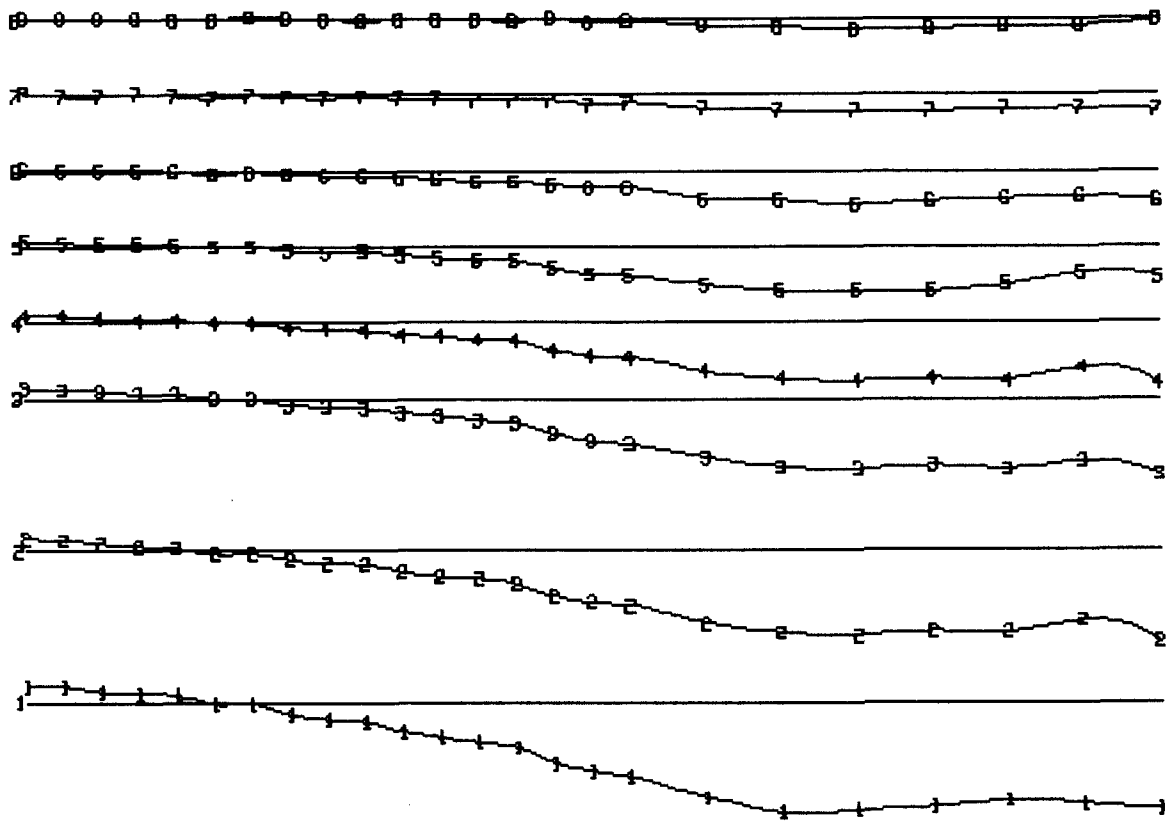
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 200N LOOP 2

DATE: AUG/84 FIG.: 118

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 -

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



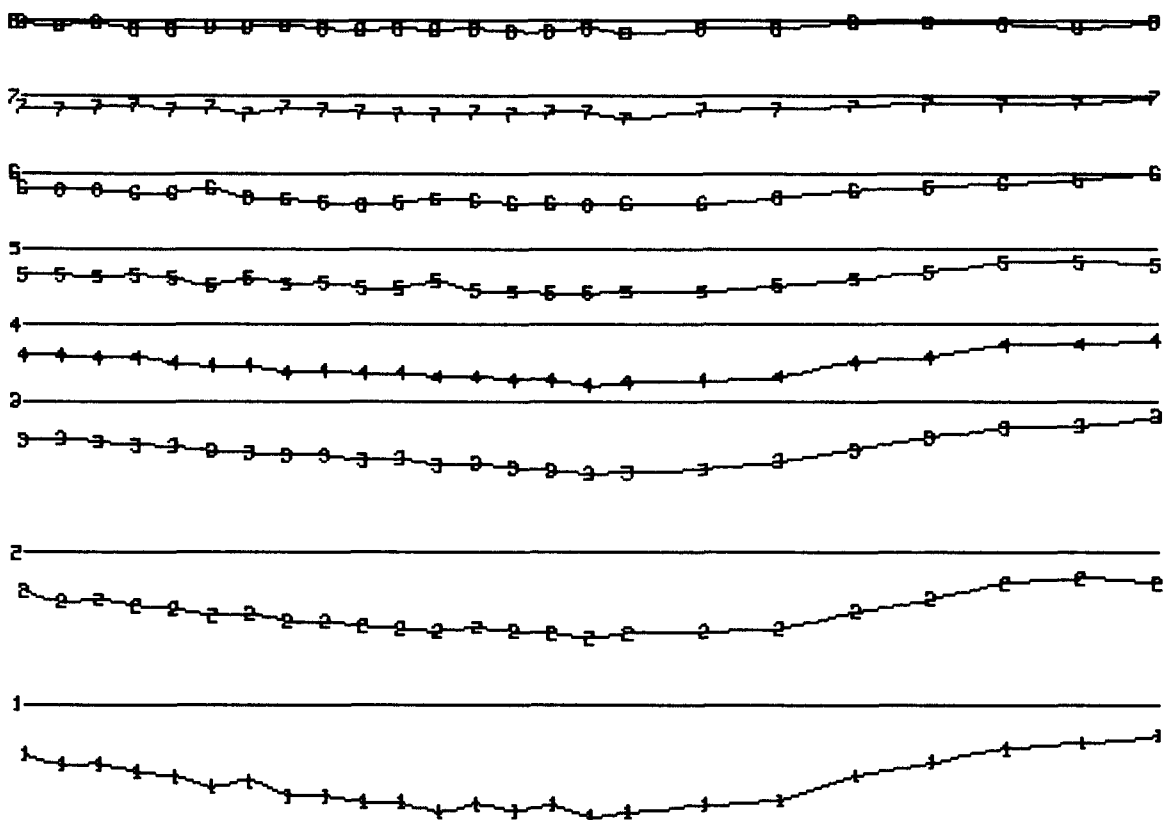
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300N LOOP 2

DATE: AUG/84 FIG.: 119

50N 0N 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.



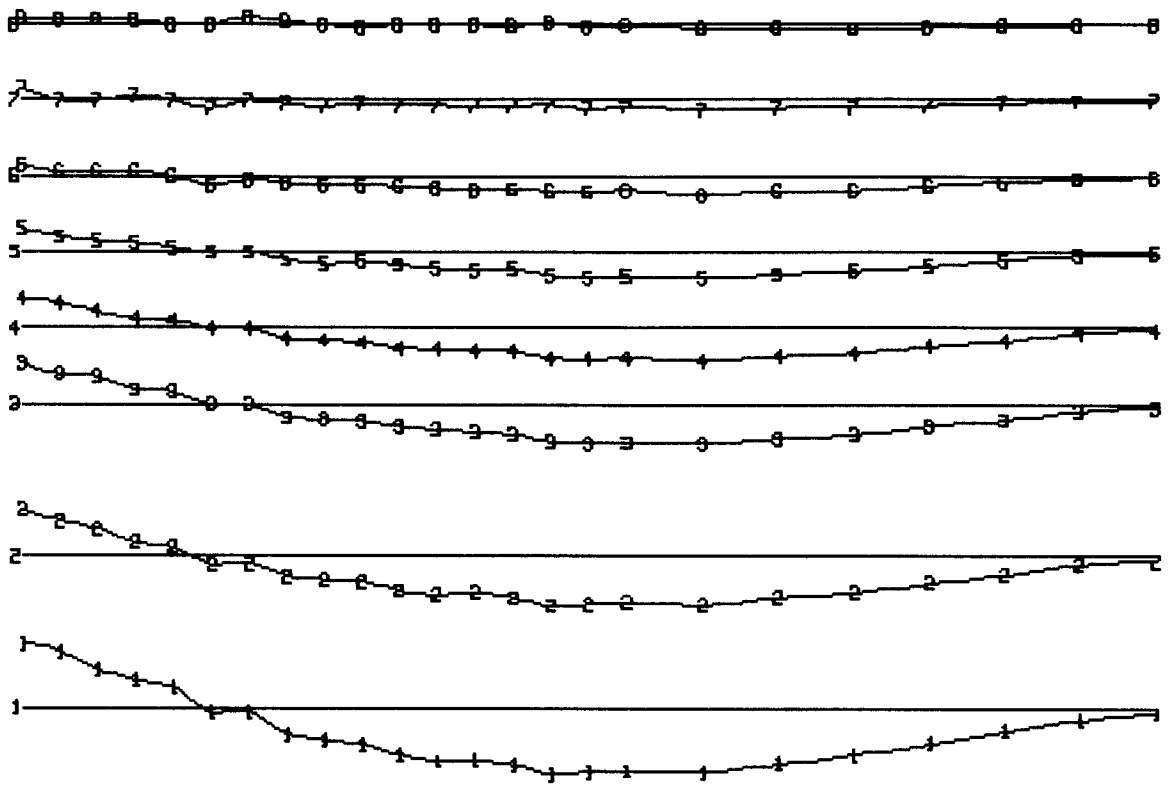
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300N LOOP 2

DATE: AUG/84

FIG.: 120

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

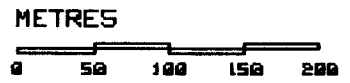
0
50
100
150
200
250
300



SCALE
P.P.K.
+ OR -

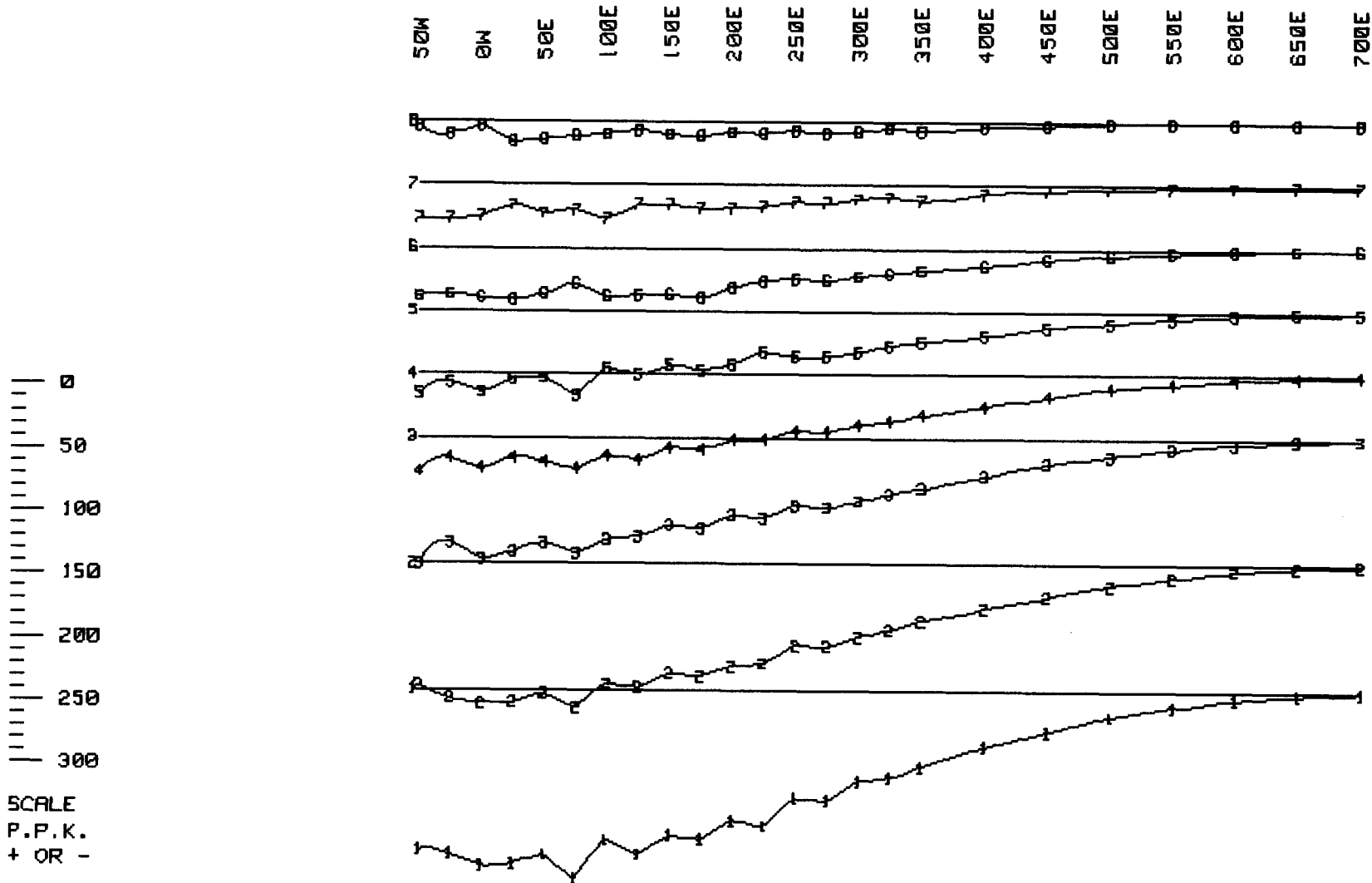
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 300N LOOP 2

DATE: AUG/84 FIG.: 121



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

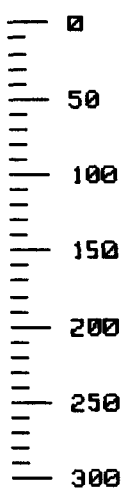
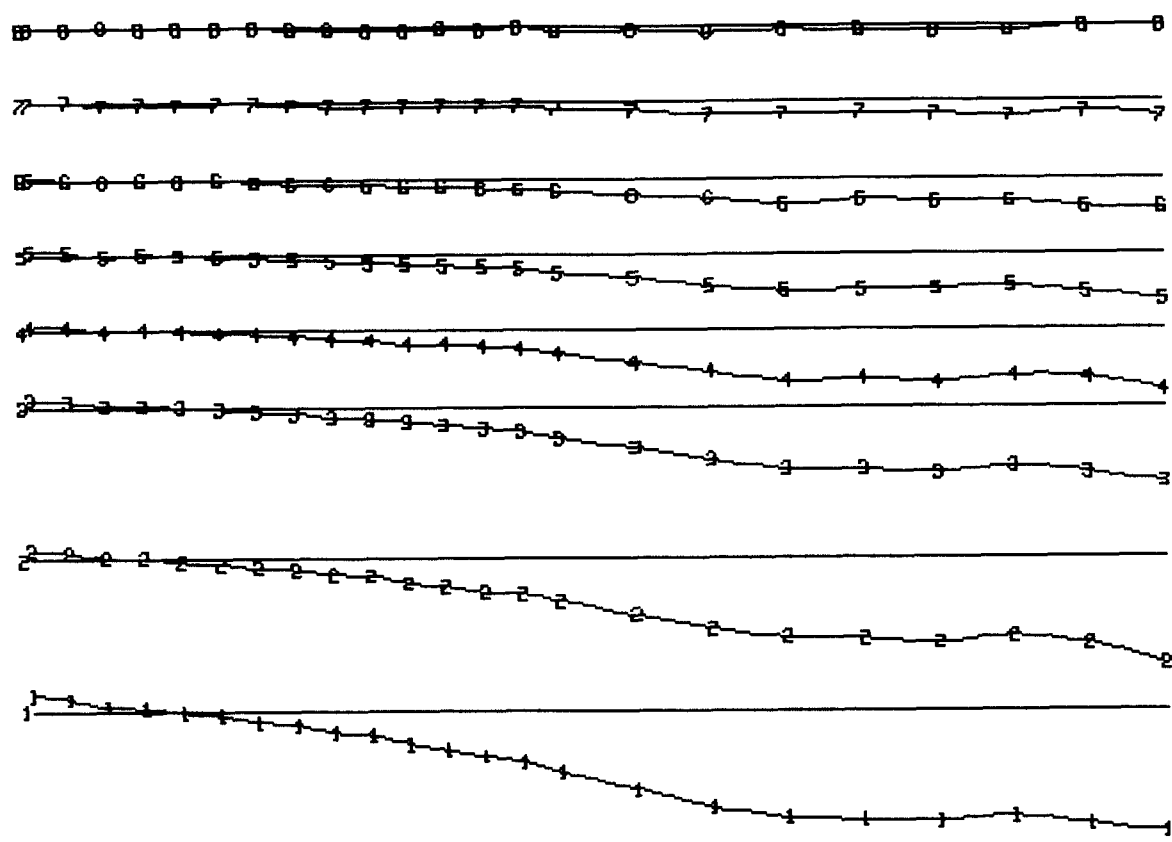
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 300N LOOP 2

DATE: AUG/84 FIG.: 122

50M 0M 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.

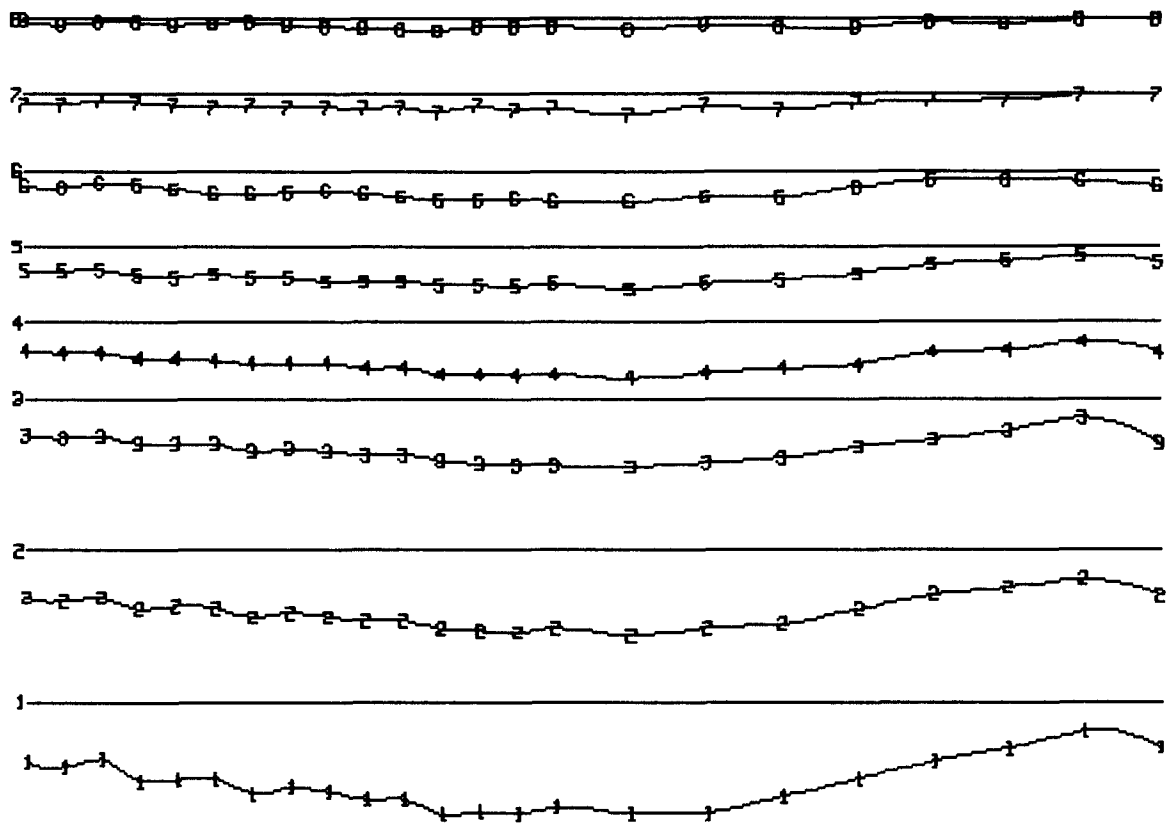
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400N LOOP 2

DATE: AUG/84 FIG.: 123

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.

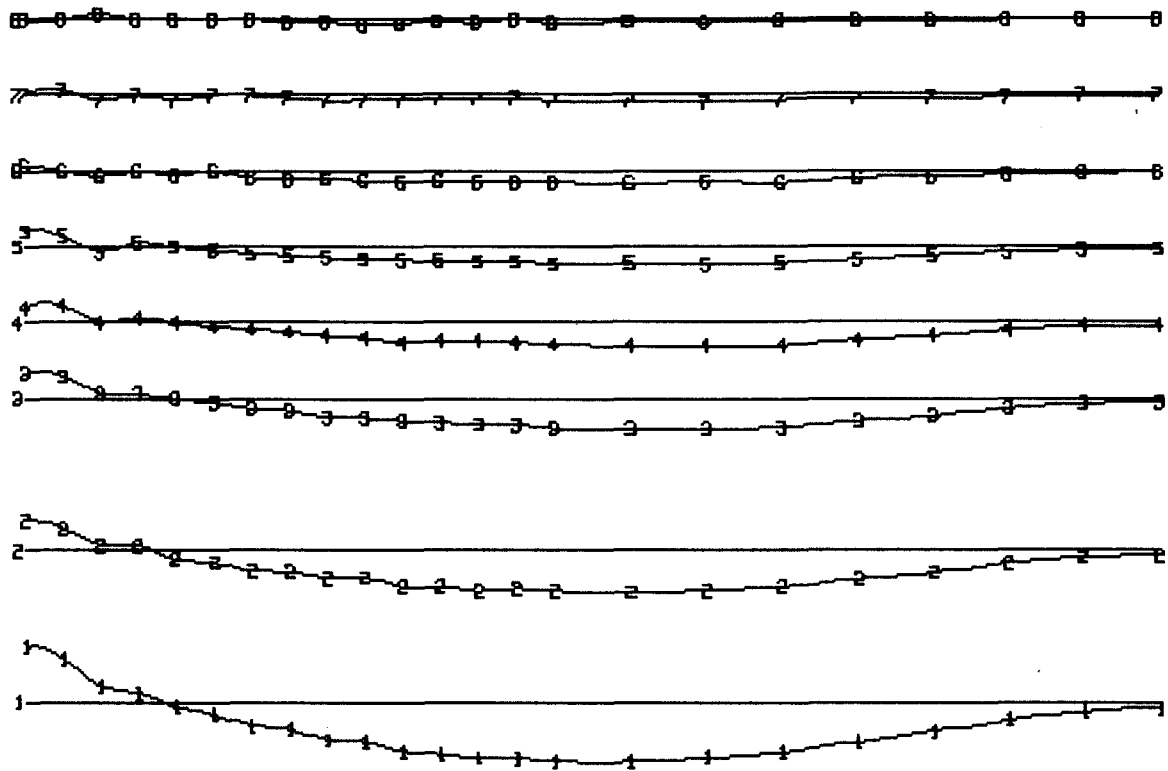
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE=CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400N LOOP 2

DATE: AUG/84 FIG.: 124

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 -

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



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GEOPHYSICAL CONSULTING
& SERVICES LTD.

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 400N LOOP 2

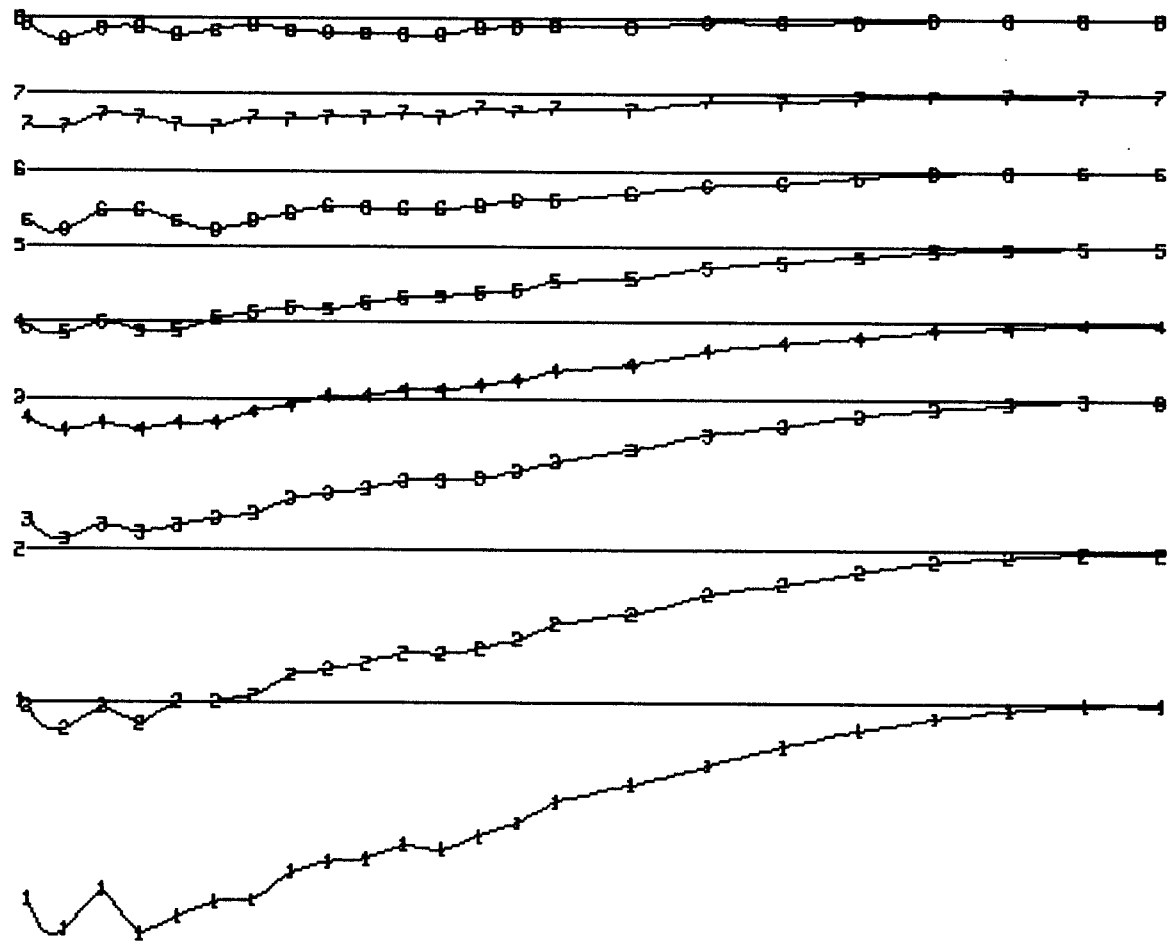
DATE: AUG/84

FIG.: 125

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.

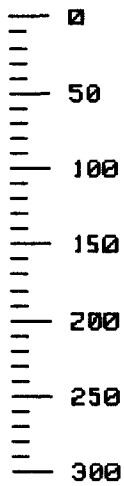
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 400N LOOP 2

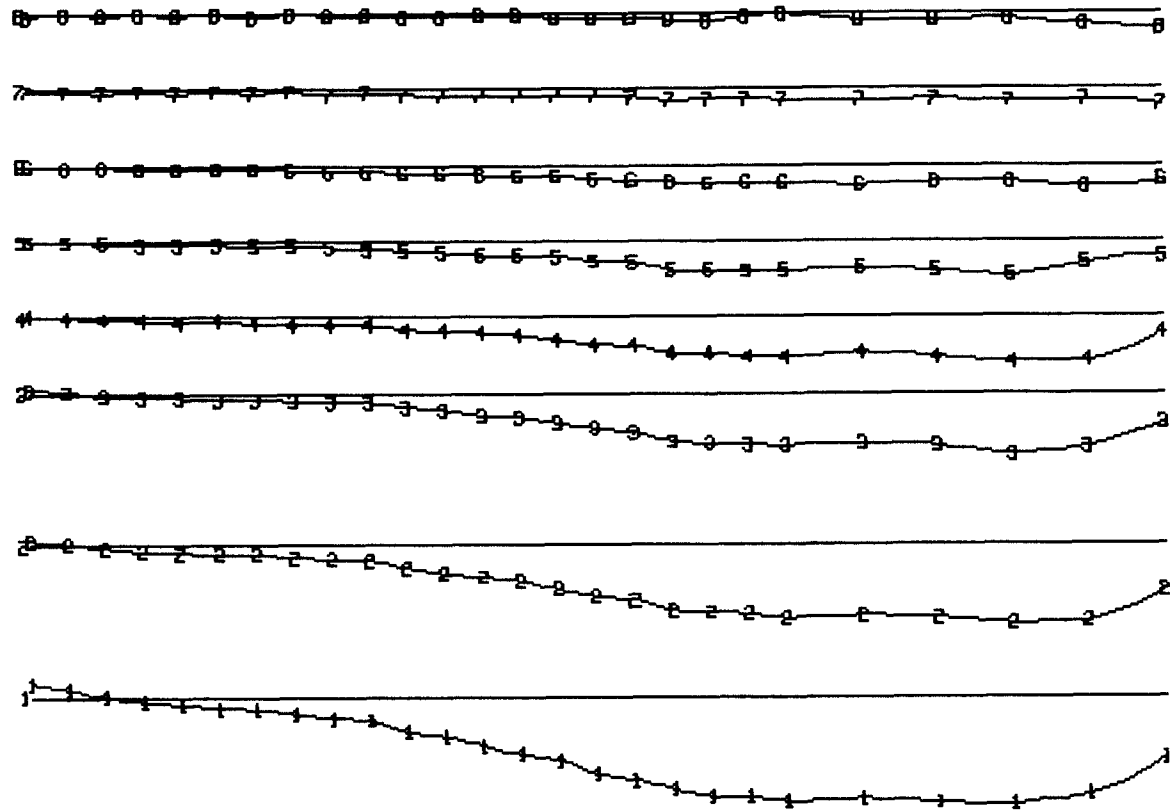
DATE: AUG/84

FIG.: 126



SCALE
P.P.K.
+ OR -

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



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GEOPHYSICAL CONSULTING
& SERVICES LTD.

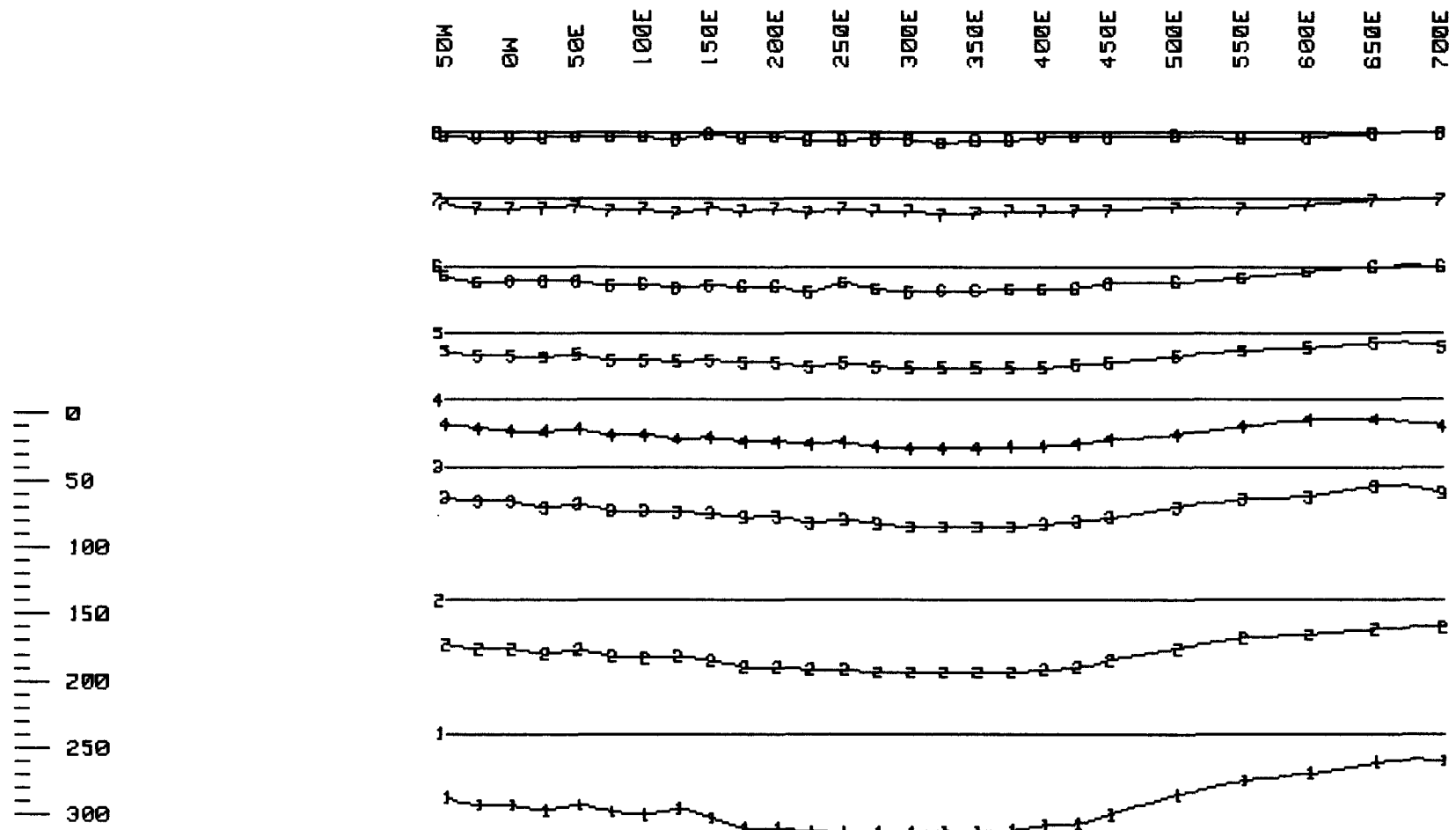
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 500N LOOP 2

DATE: AUG/84

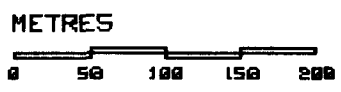
FIG.: 127



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.

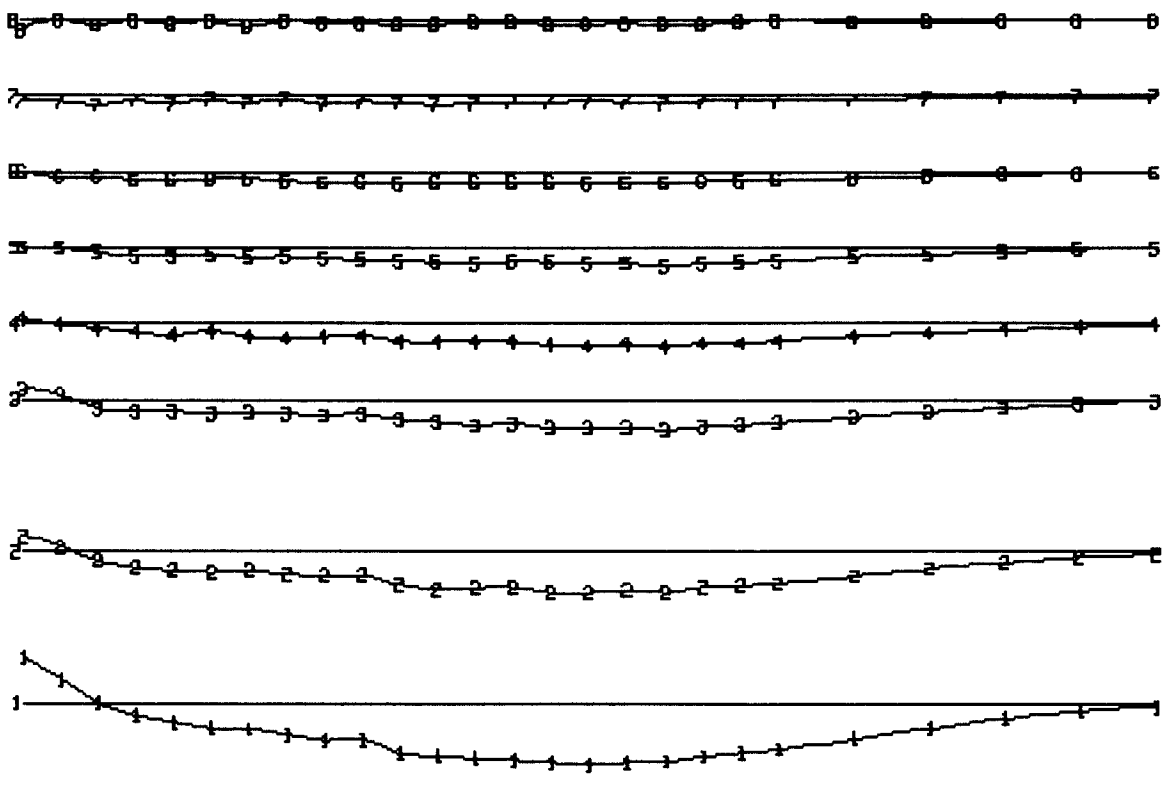


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 500N LOOP 2

DATE: AUG/84

FIG.: 128

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
GEOLOGICAL CONSULTING
& SERVICES LTD.

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



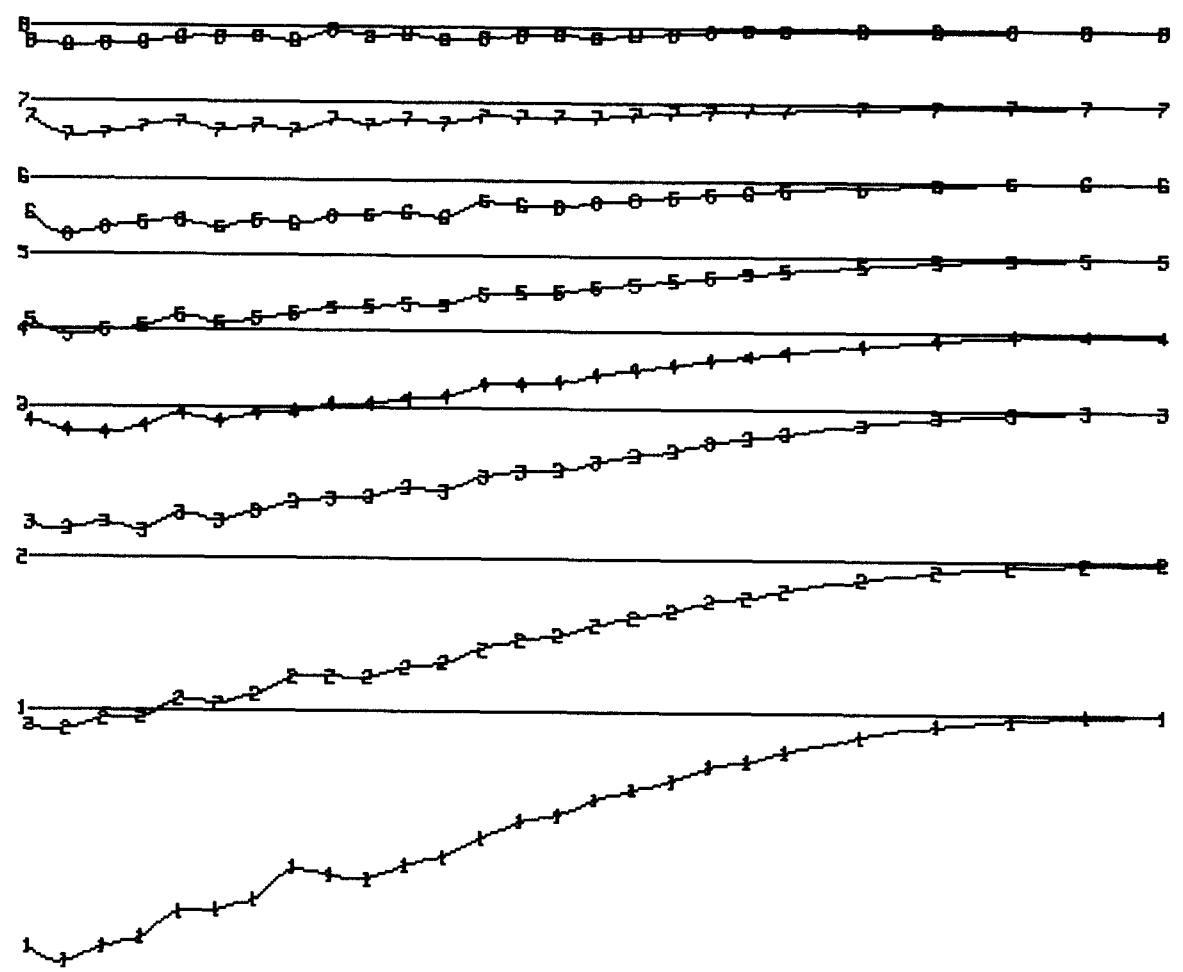
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 500N LOOP 2

DATE: AUG/84 FIG.: 129

0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

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



GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

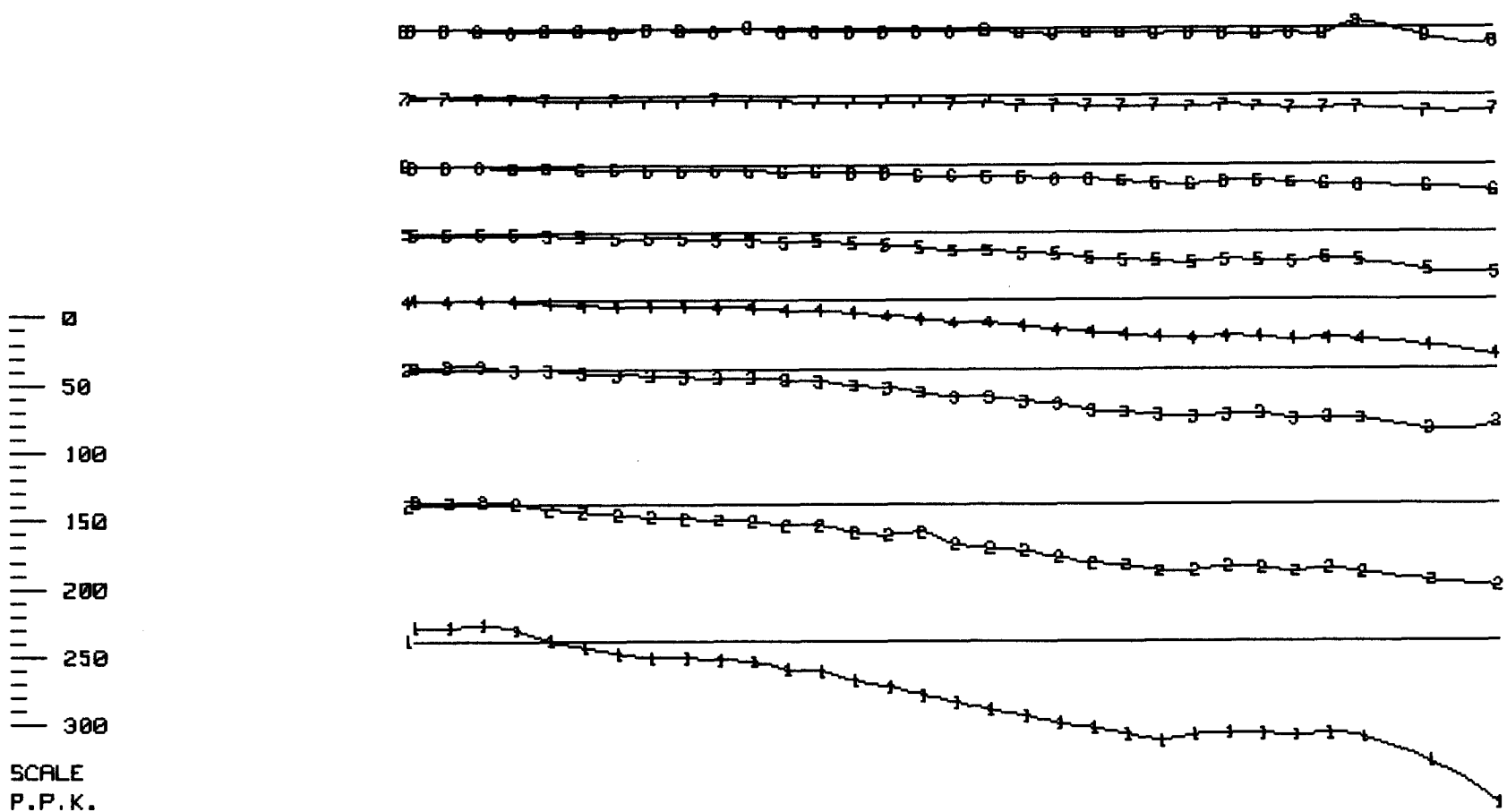
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 500N LOOP 2

DATE: AUG/84 FIG.: 130

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 -

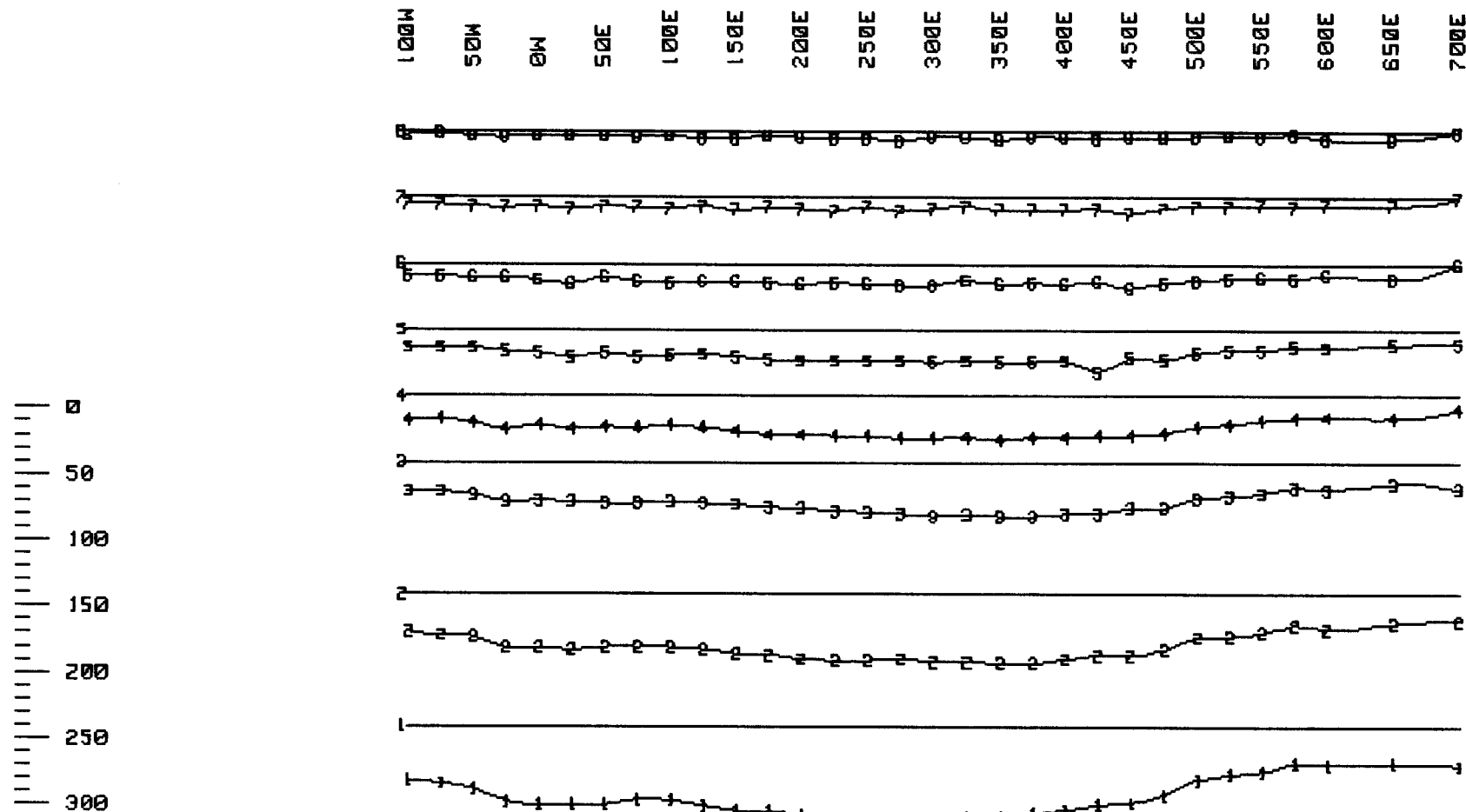
CONSTANT GAIN DATA, G=(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 600N LOOP 2

DATE: AUG/84 FIG.: 131

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& SERVICES LTD.



SCALE
P.P.K.
+ OR -

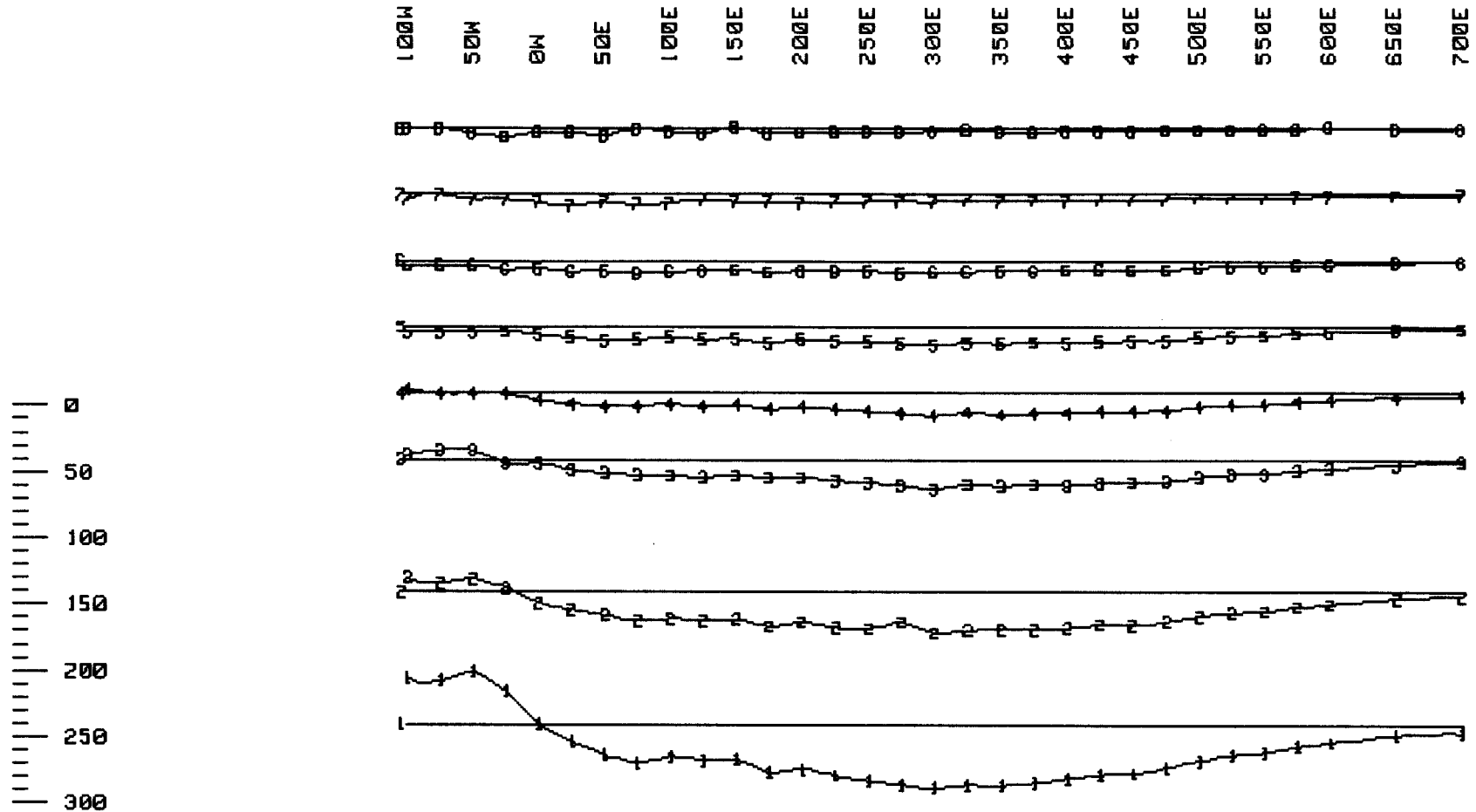
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 600N LOOP 2

DATE: AUG/84 FIG.: 132



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

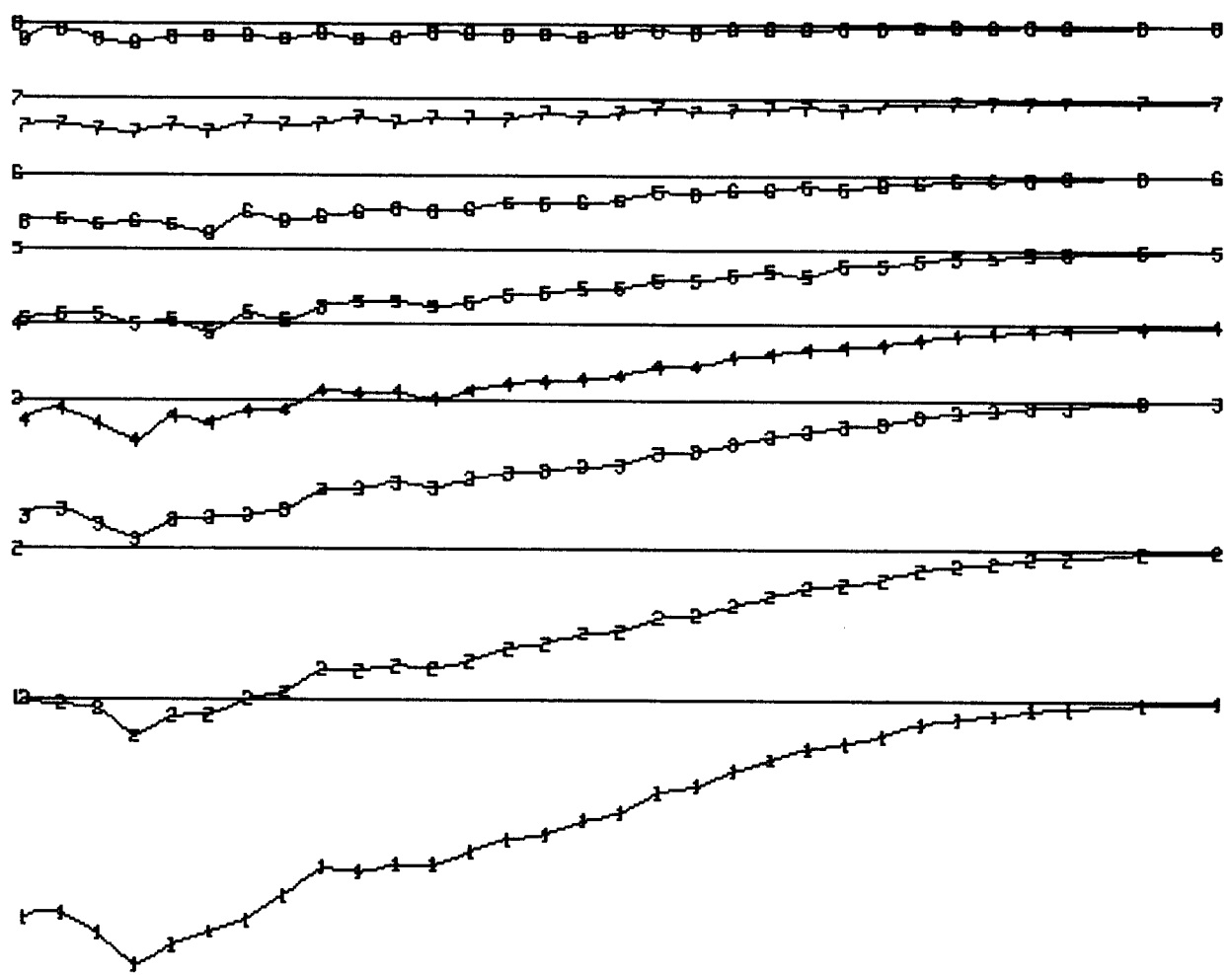
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 600N LOOP 2

DATE: AUG/84 FIG.: 133

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.



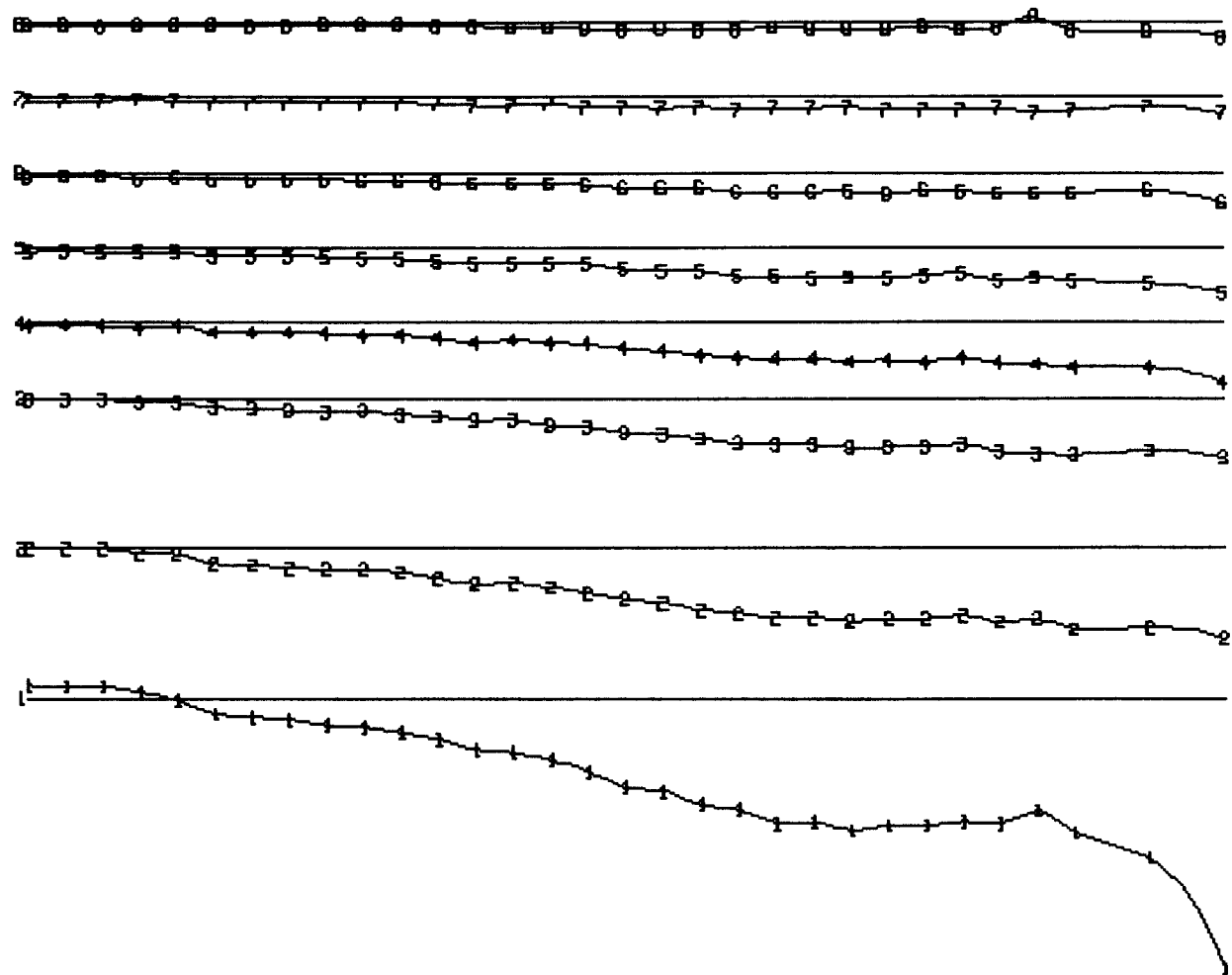
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 600N LOOP 2

DATE: AUG/84 FIG.: 134

100N 50N 0N 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 -



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



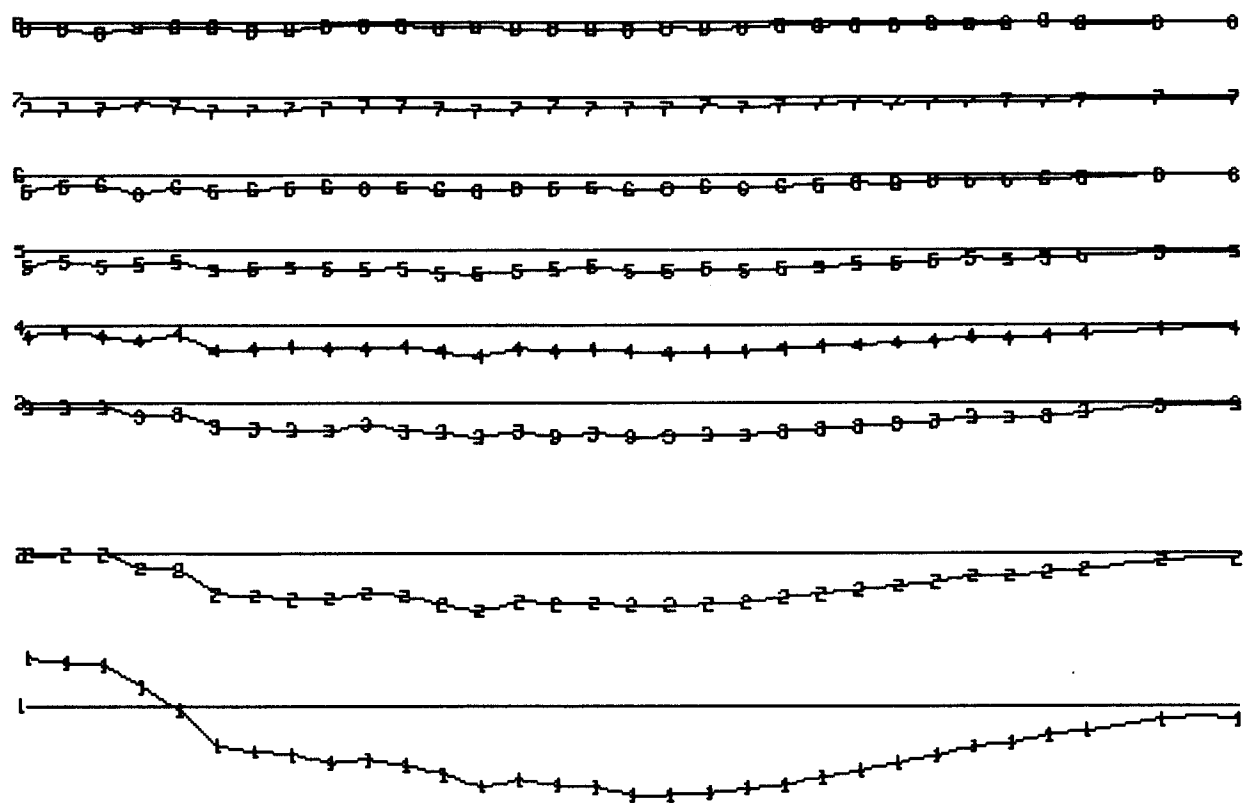
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMETER
VERTICAL COMPONENT
LINE 700N LOOP 2

DATE: AUG/84

FIG.: 135

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& SERVICES LTD.

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 -

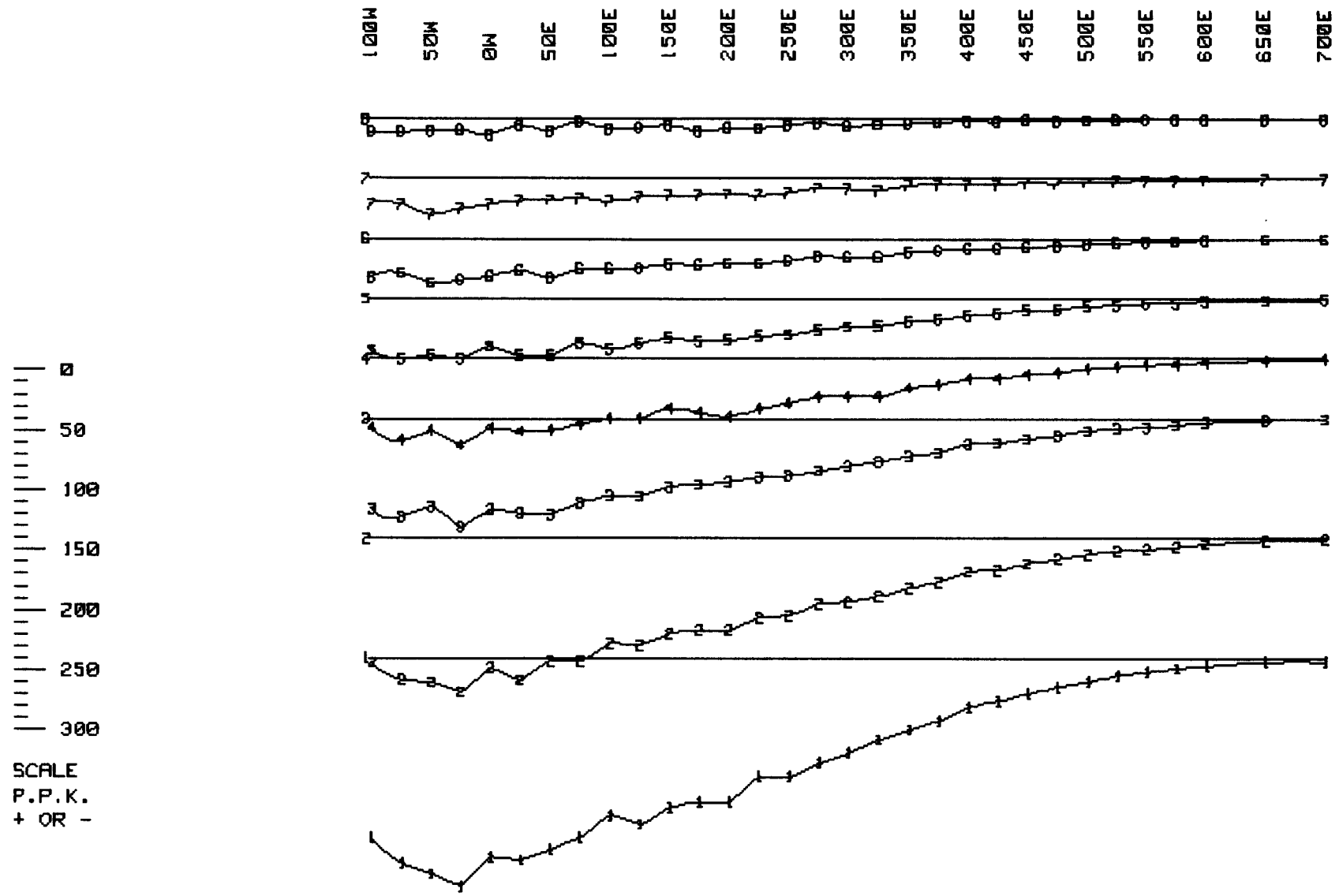
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 700N LOOP 2

DATE: AUG/84 FIG.: 137



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

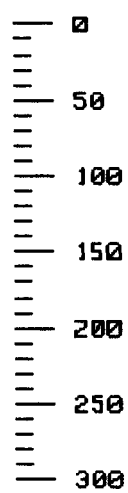
PRIMARY FIELD NORMALIZED DATA
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 700N LOOP 2

DATE: AUG/84 FIG.: 138

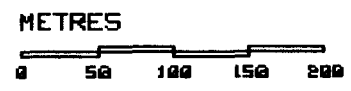
100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



SCALE
P.P.K.
+ OR -

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

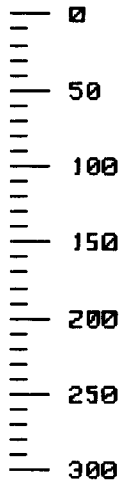
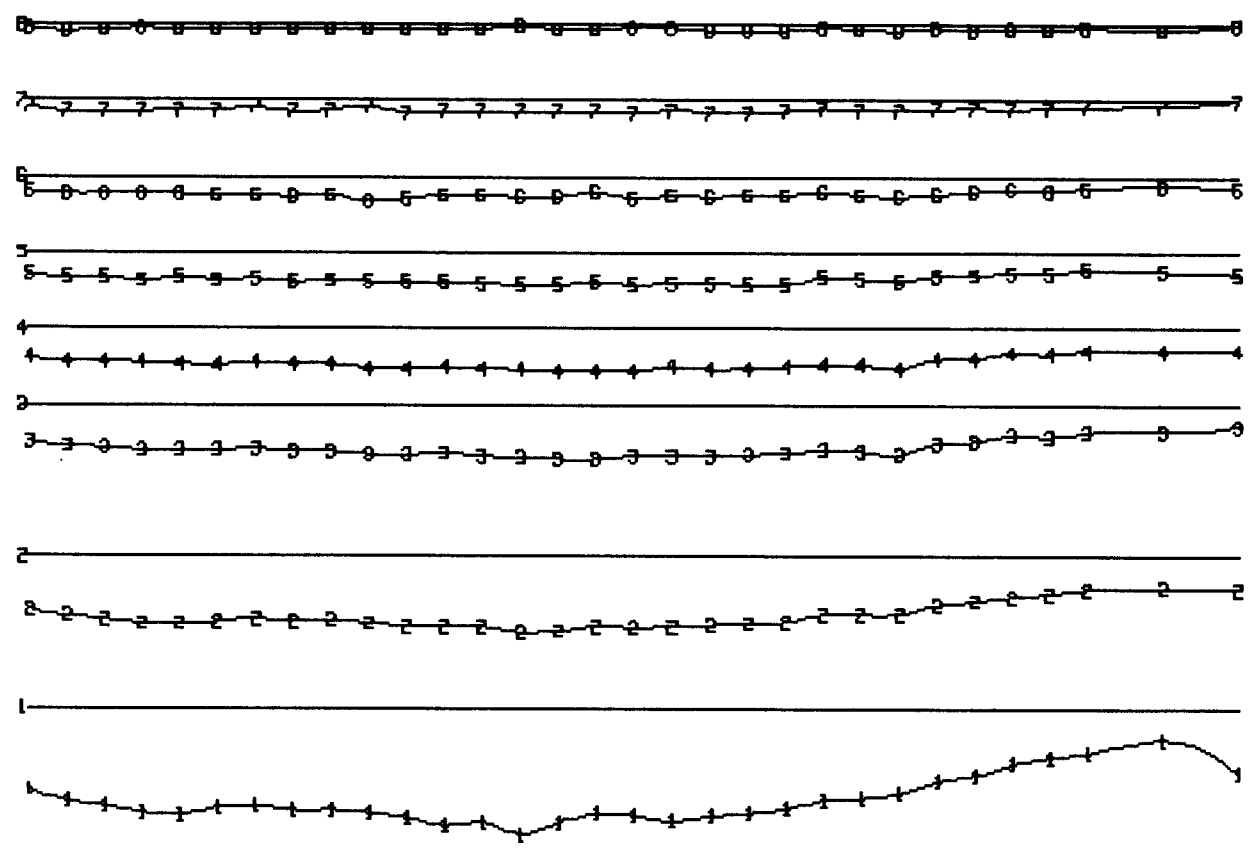
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 000N LOOP 2

DATE: AUG/84 FIG.: 139

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.

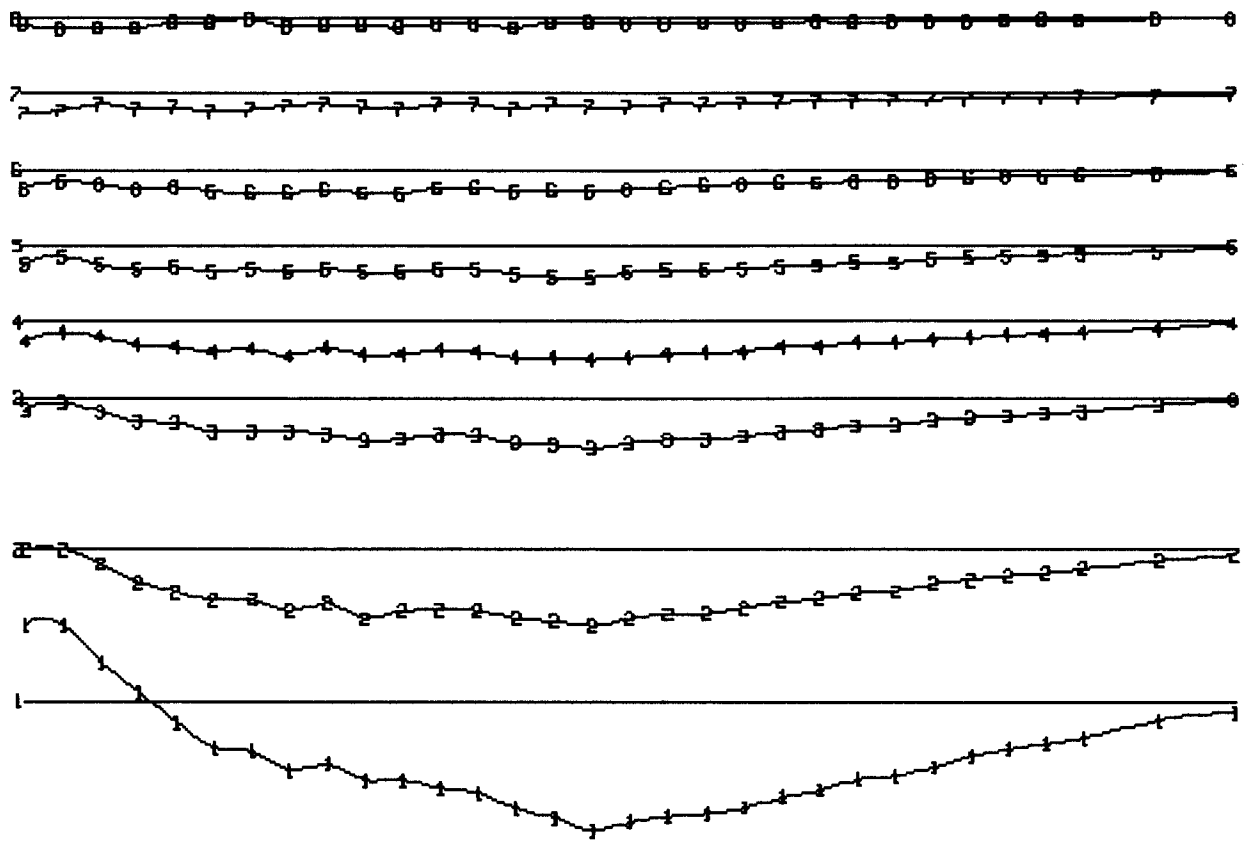
CONSTANT GAIN DATA, G-(100%)
NUMBER IN LINE-CHANNEL NUMBER
INSTRUMENT: CRONE P.E.M.



BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800N LOOP 2

DATE: AUG/84 FIG.: 140

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 -

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

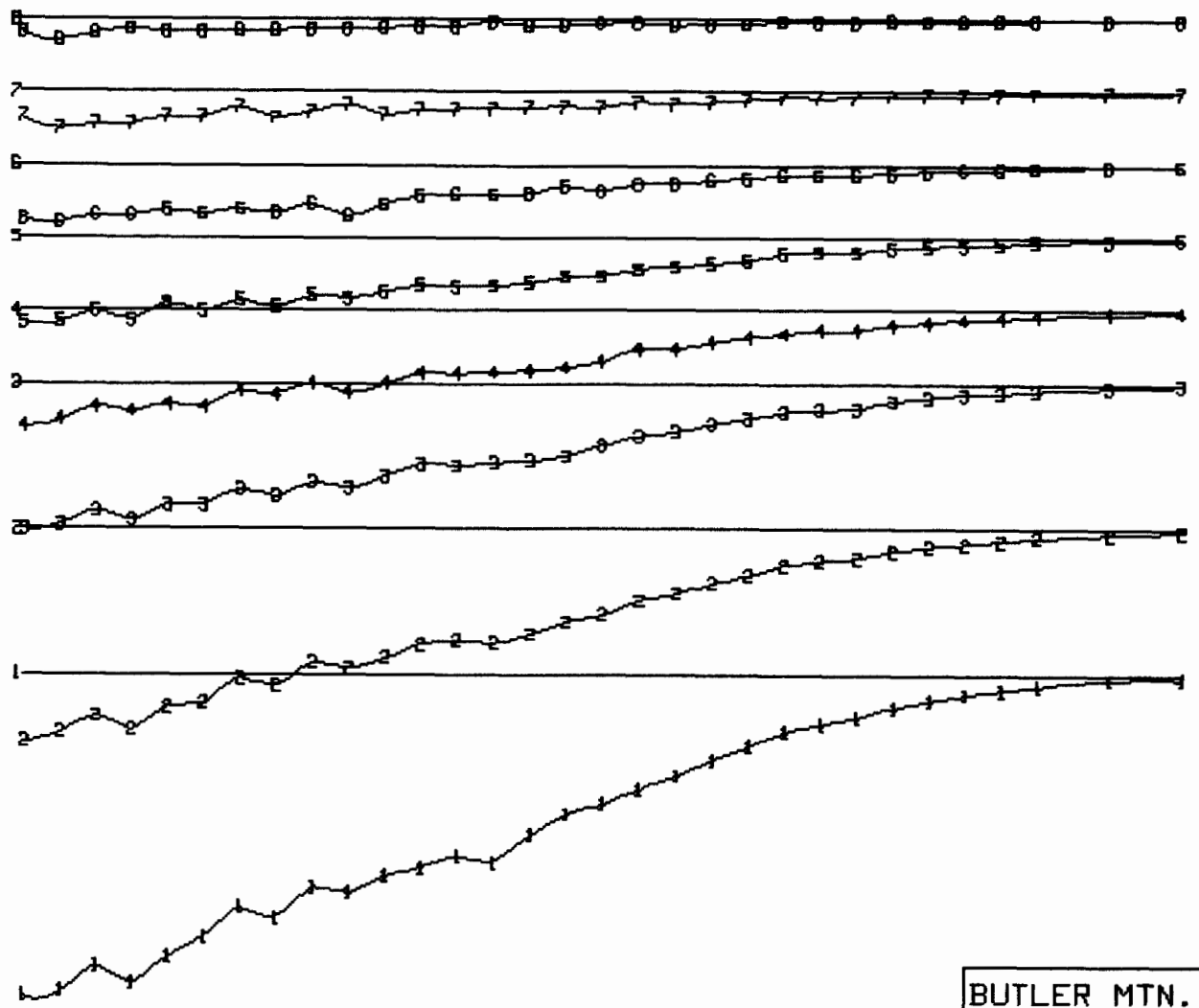


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 000N LOOP 2

DATE: AUG/84 FIG.: 141

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

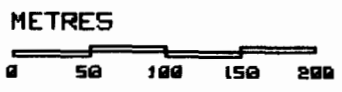
100W 50W 0W 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E



0
50
100
150
200
250
300

SCALE
P.P.K.
+ OR -

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

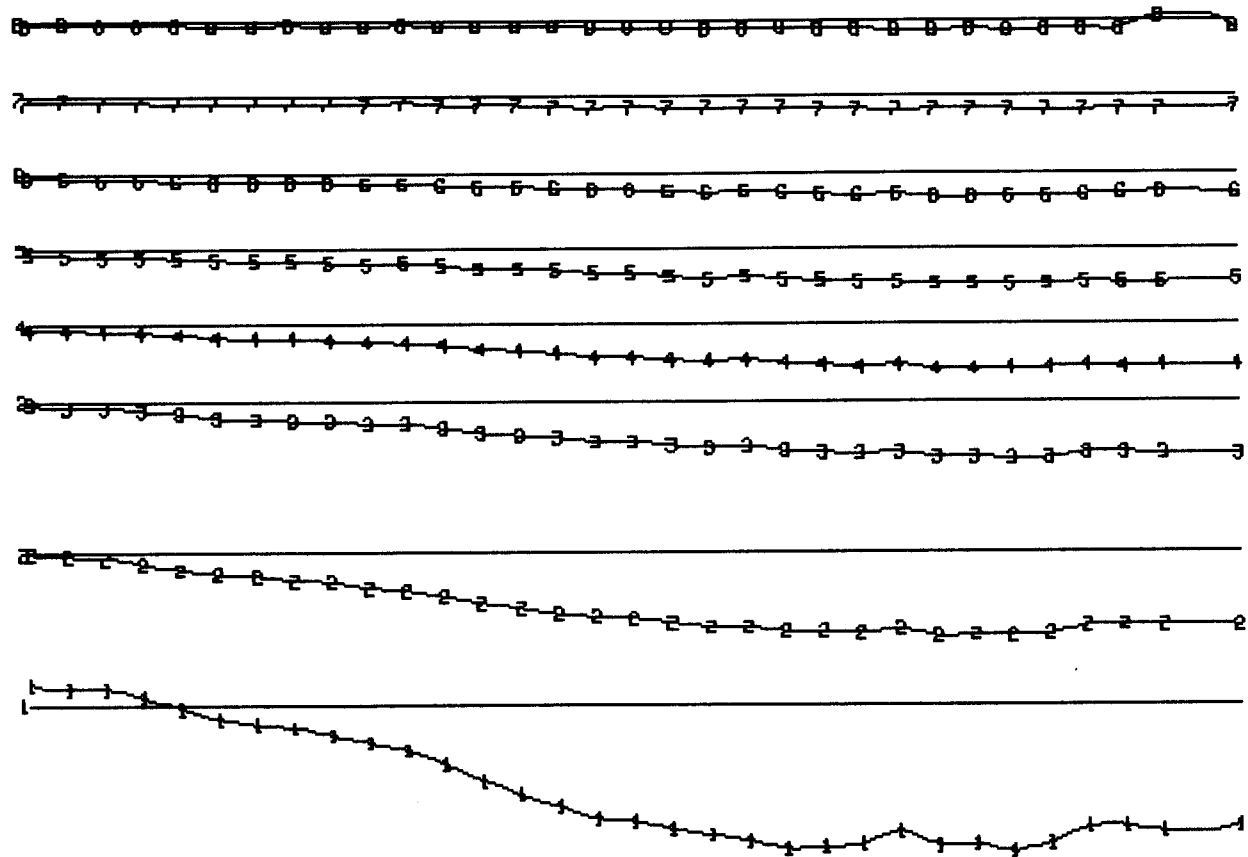


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 800N LOOP 2

DATE: AUG/84 FIG.: 142

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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

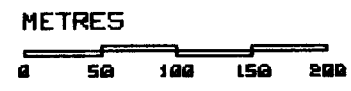


0
50
100
150
200
250
300

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.

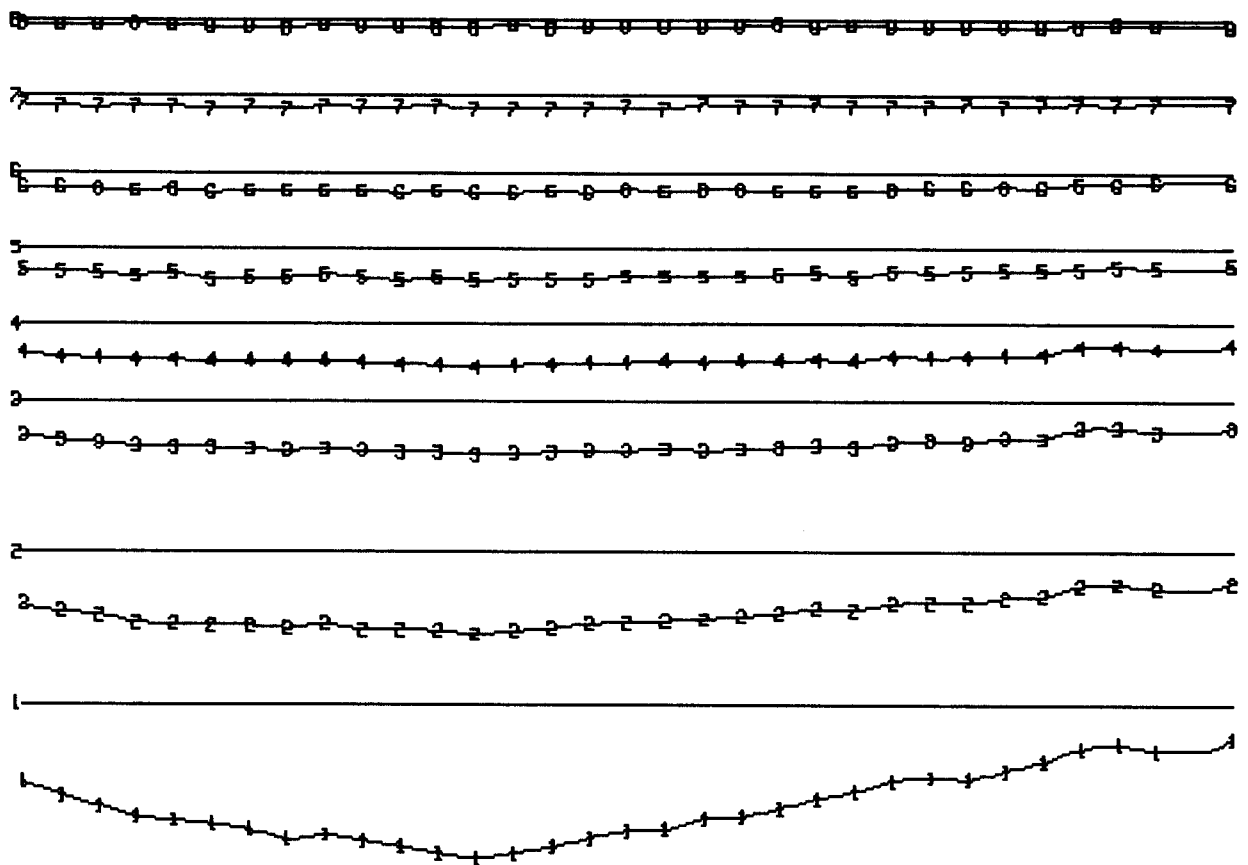


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 900N LOOP 2

DATE: AUG/84

FIG.: 143

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 -

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



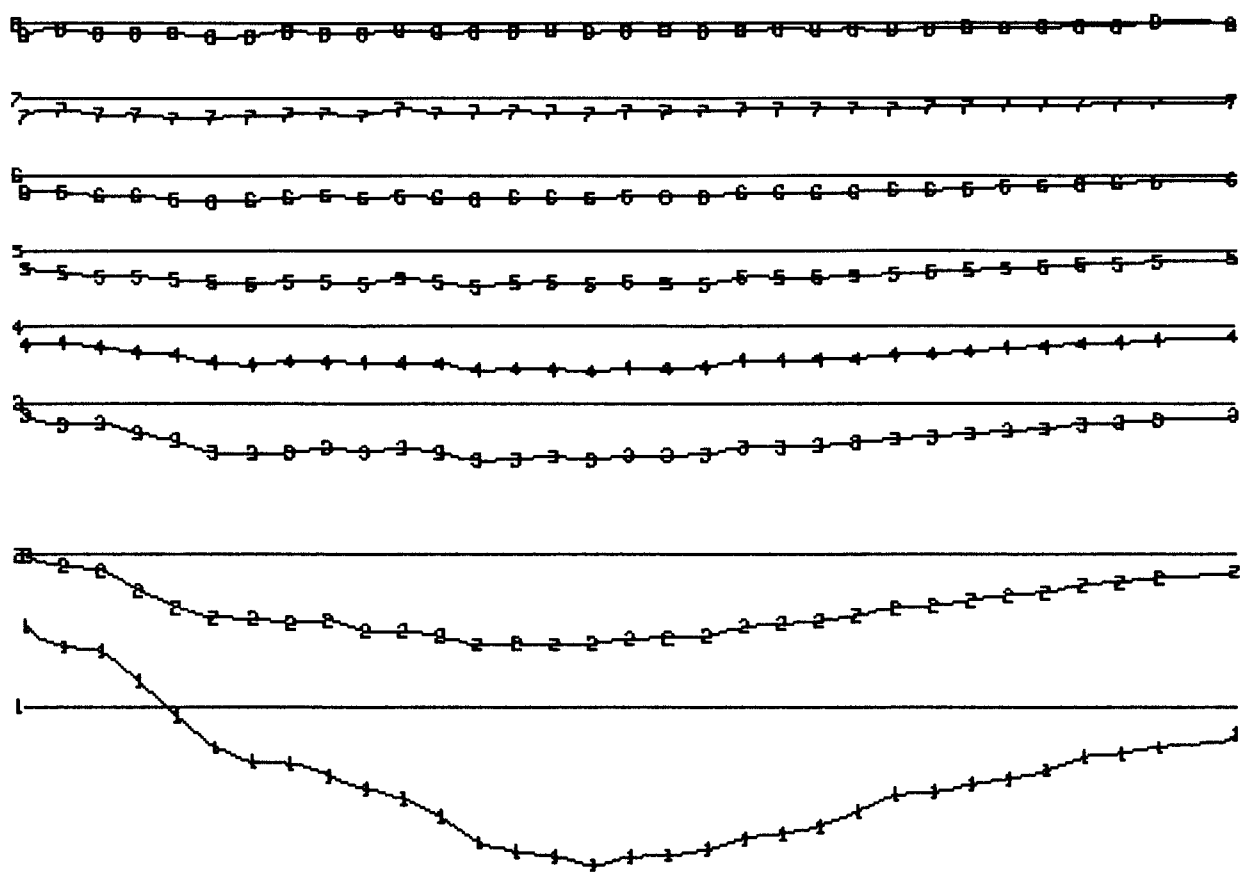
BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 900N LOOP 2

DATE: AUG/84

FIG.: 144

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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.

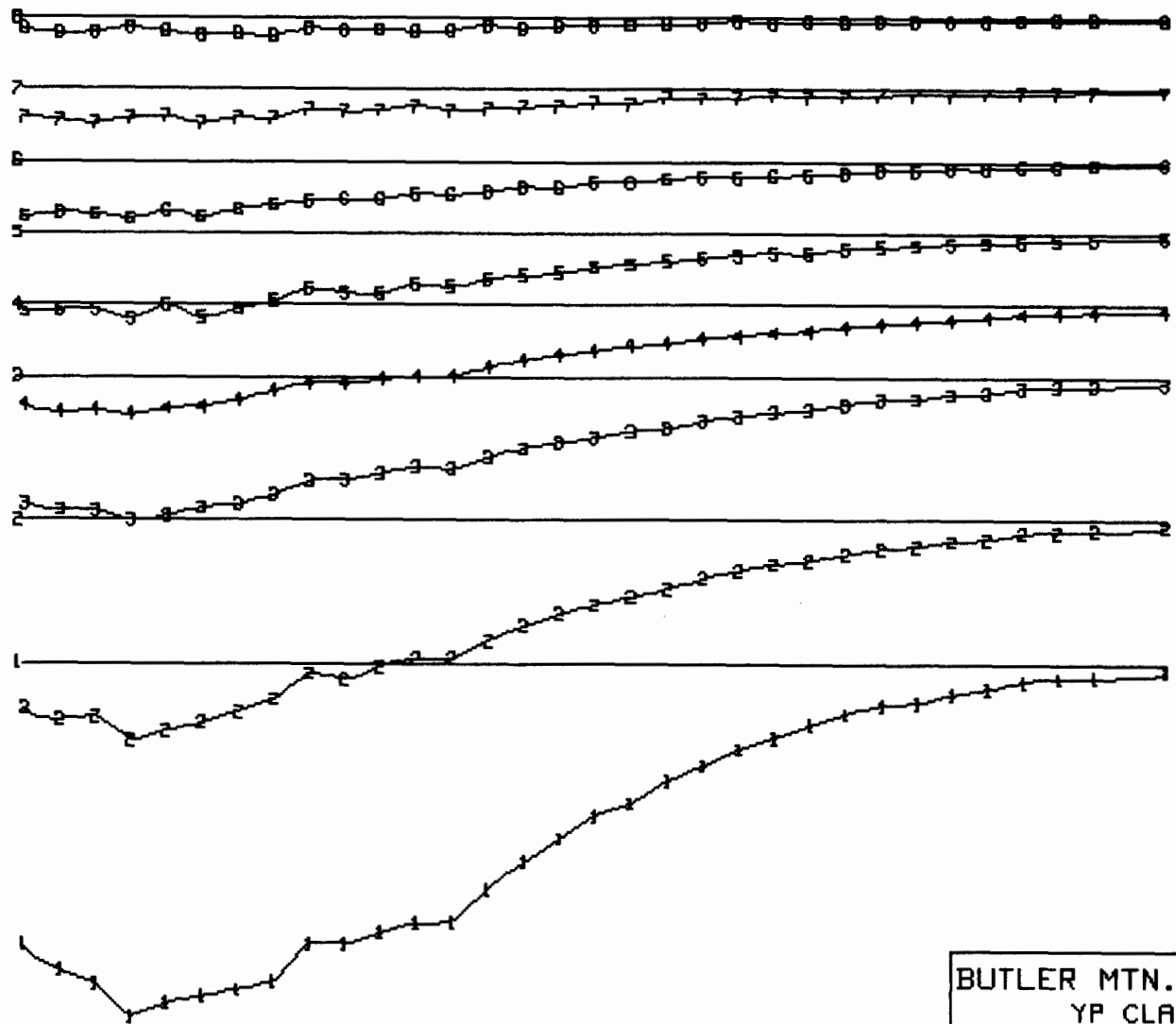


BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 900N LOOP 2

DATE: AUG/84

FIG.: 145

100N
50N
0N
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 -

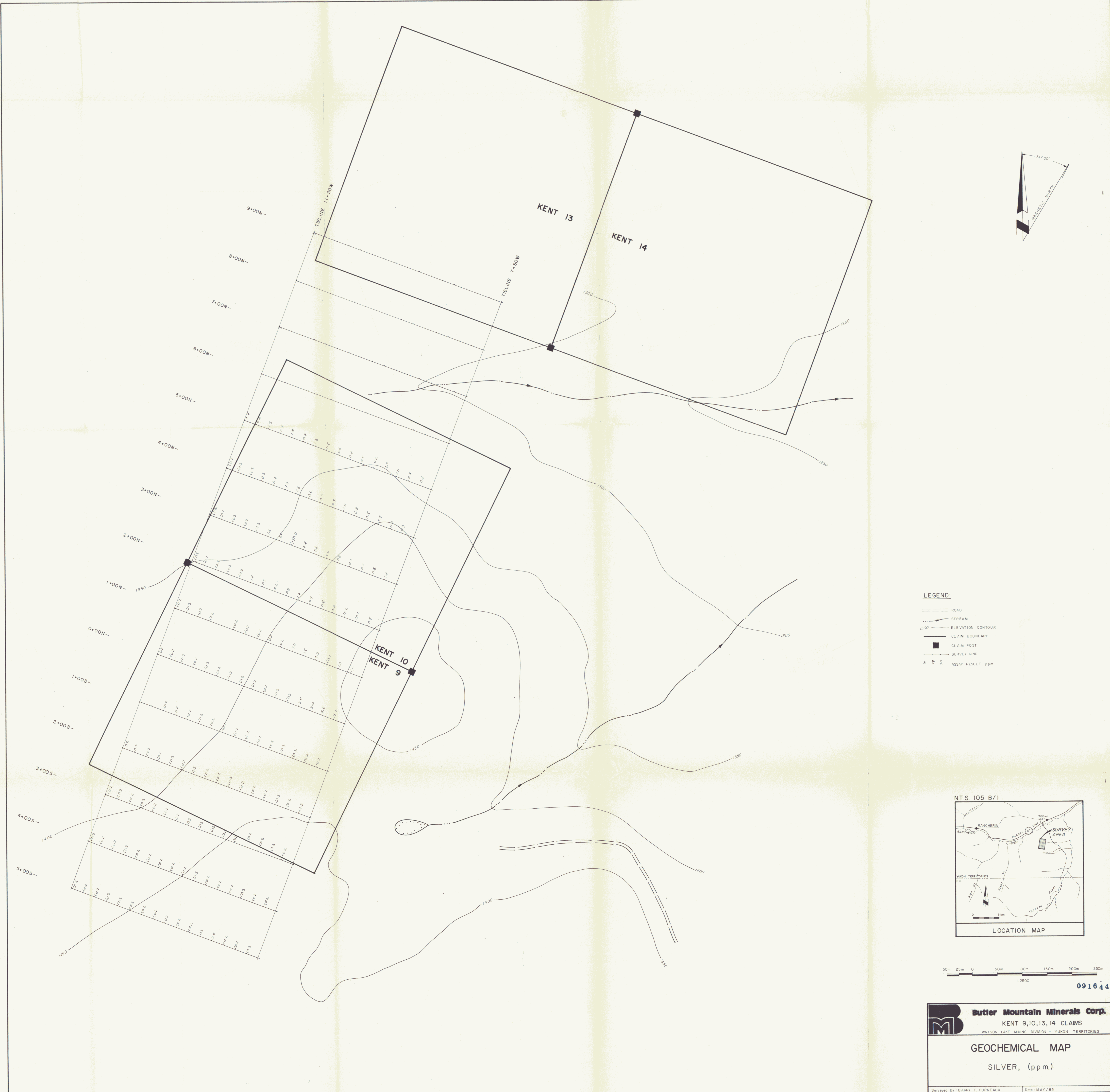
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

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

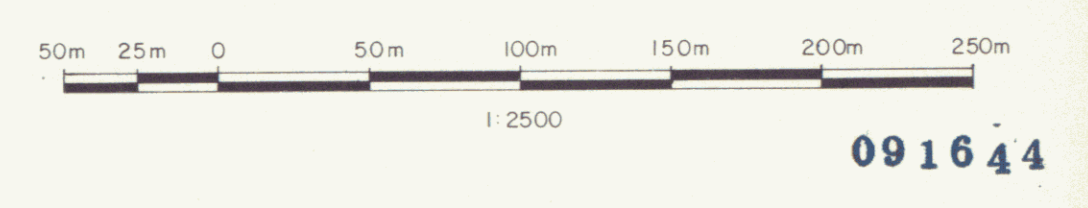
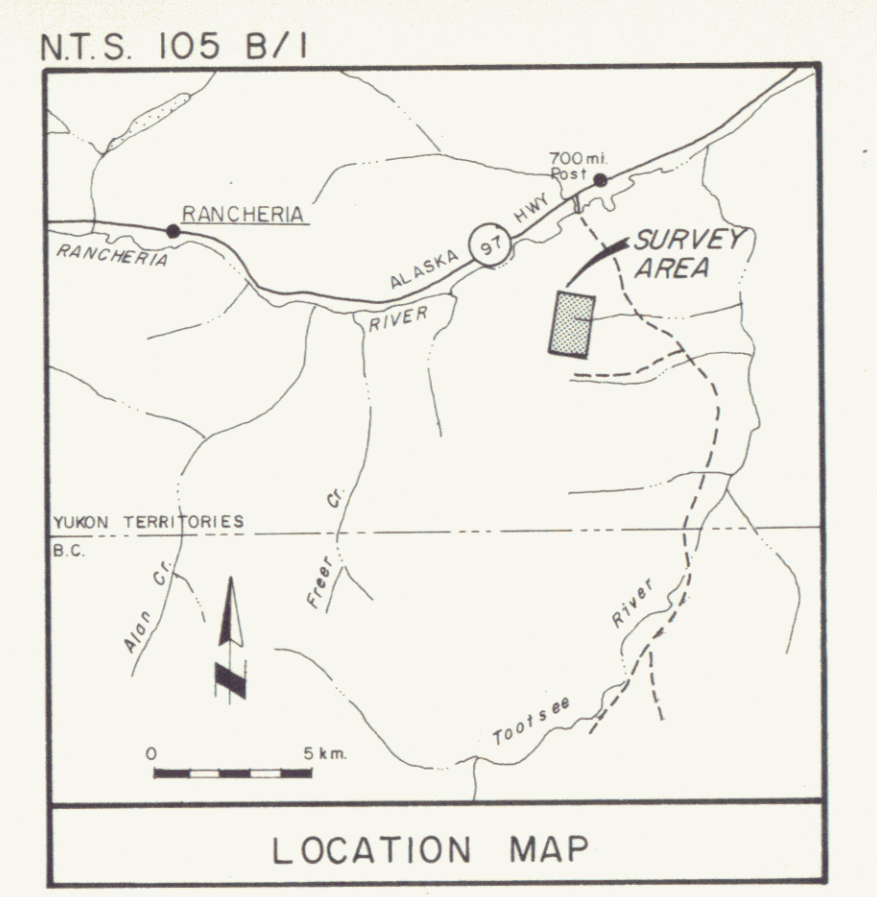
METRES
0 50 100 150 200

BUTLER MTN. MINERALS CORP.
YP CLAIMS PROJECT
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 900N LOOP 2

DATE: AUG/84 FIG.: 146



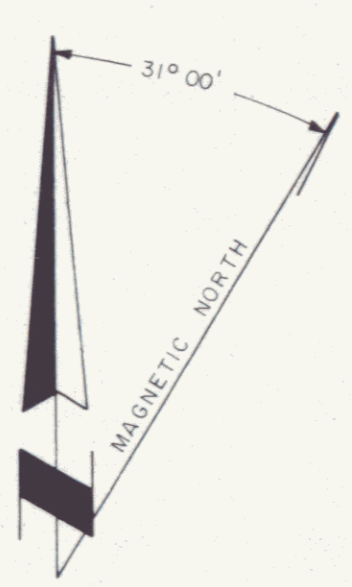
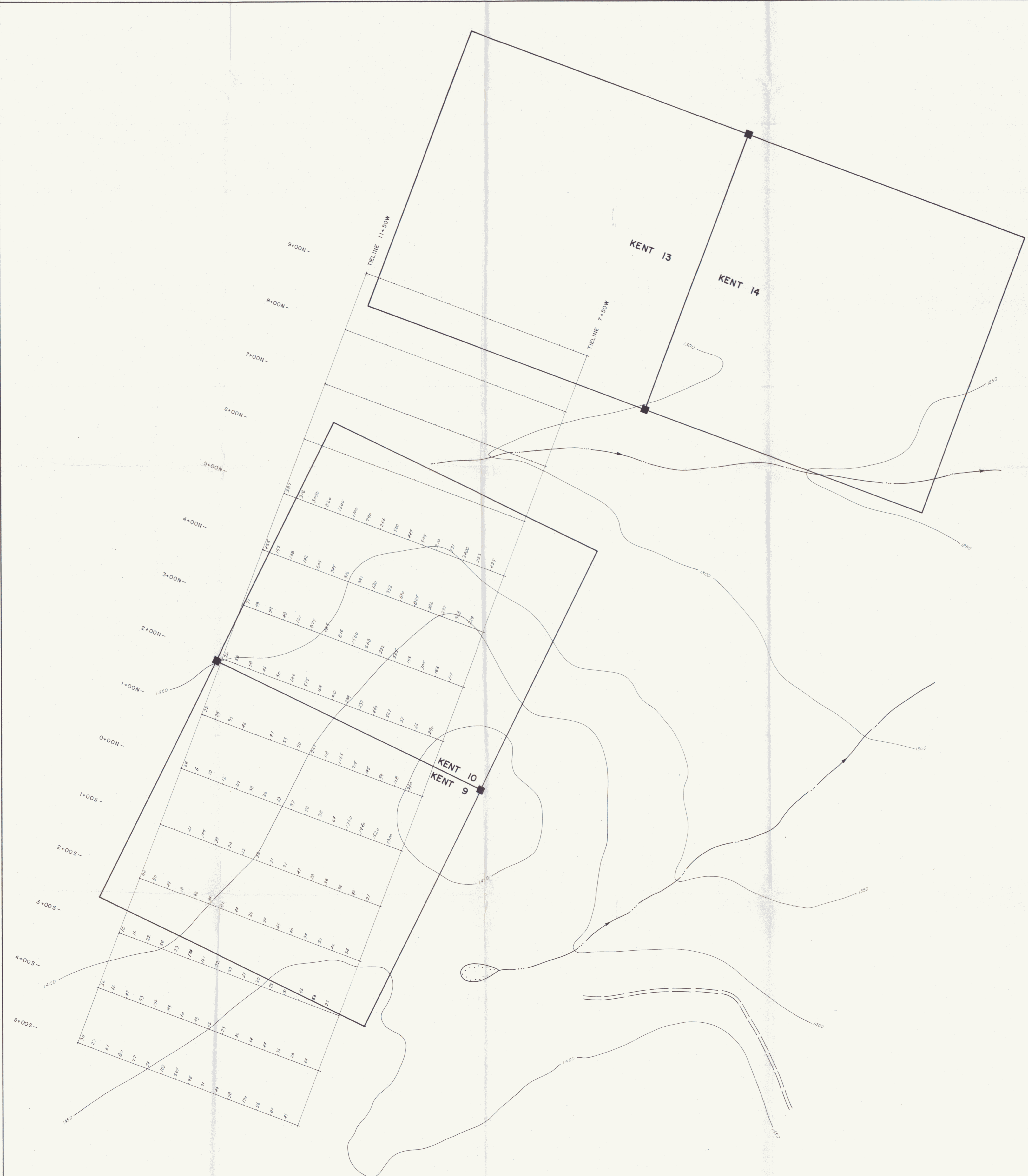
- LEGEND:**
- ROAD
 - STREAM
 - ELEVATION CONTOUR
 - CLAIM BOUNDARY
 - CLAIM POST
 - SURVEY GRID
 - ASSAY RESULT, p.p.m.



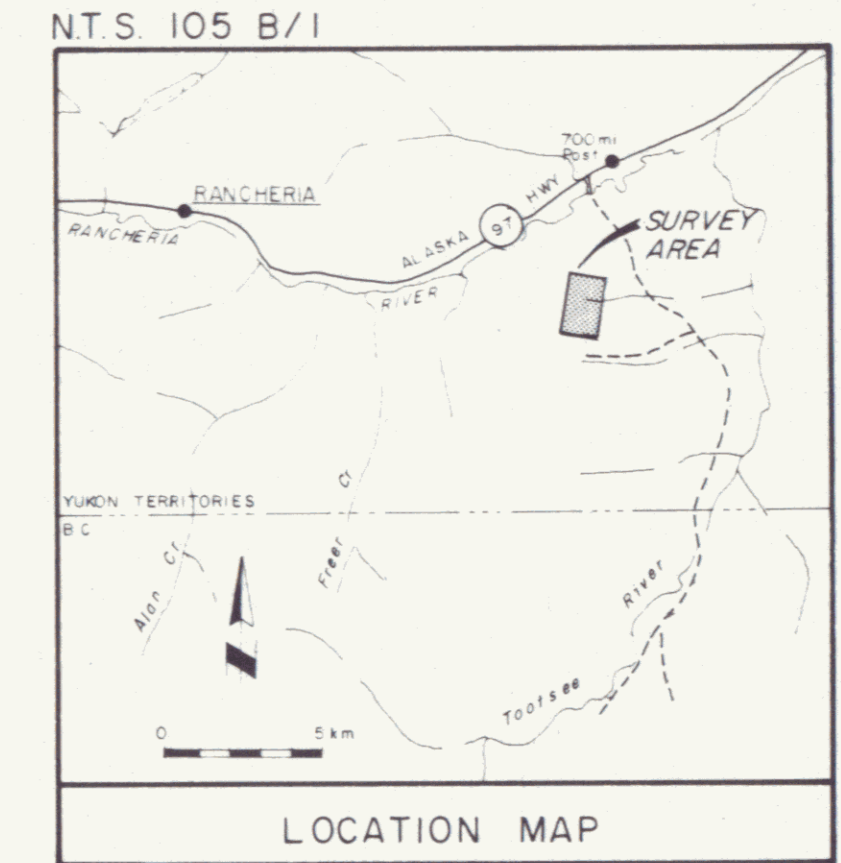
Butler Mountain Minerals Corp.
KENT 9,10,13,14 CLAIMS
WATSON LAKE MINING DIVISION - YUKON TERRITORIES

GEOCHEMICAL MAP
SILVER, (p.p.m.)

Surveyed By: BARRY T. FURNEAUX Date: MAY / 85
Drawn By: FINELINE DRAFTING Fig. No.: 2D



- LEGEND**
- ROAD
 - STREAM
 - ELEVATION CONTOUR
 - CLAIM BOUNDARY
 - CLAIM POST
 - SURVEY GRID
 - ASSAY RESULT (ppm)



0 25m 50m 100m 150m 200m 250m
1:2500 091644

Butler Mountain Minerals Corp.
 KENT 9,10,13,14 CLAIMS
 WATSON LAKE MINING DIVISION - YUKON TERRITORIES

GEOCHEMICAL MAP
 ZINC, (ppm.)

Surveyed By: BARRY T. FURNEAUX Date: MAY / 85
 Drawn By: FINELINE DRAFTING Fig. No. 2 E



MEMORANDUM

NOTE DE SERVICE

TO / À: P. T. MARION

FROM / DE: D. A. DOWNING
STAFF GEOLOGIST
EGSD, YUKON

| |
|---|
| SECURITY - CLASSIFICATION - DE SÉCURITÉ |
| OUR FILE / NOTRE RÉFÉRENCE |
| YOUR FILE / VOTRE RÉFÉRENCE |
| DATE: 4 October 1985 |

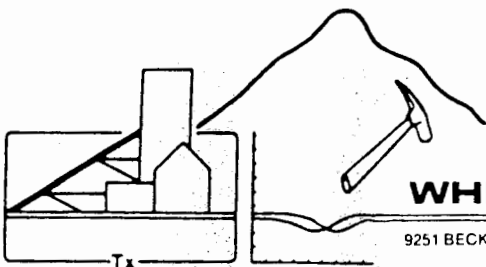
SUBJECT / OBJET: ASSESSMENT REPORT #091644

Paulette,

The attached letter should be included with Assessment Report #091644, a geochemical report submitted for Butler Mt. Minerals. I believe we sent the report to you in the last batch to be microfilmed.

Oct 10 9 47 AM '85

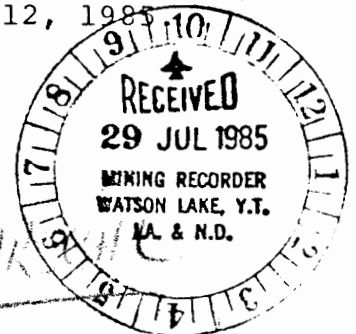
127998

**WHITE GEOPHYSICAL INC.**

9251 BECKWITH ROAD, RICHMOND, B.C. CANADA V6X 1V7 (604) 273 1636

July 12, 1985

Indian and Northern Affairs Canada,
 Watson Lake Mining Recorder
 P.O. Box 269
 Watson Lake, Yukon.
 YoA 100



Dear Ms. McLeod,

This letter is being written to respond to the query made in your written communique to Gordon Nicks of Butler Mtn. Minerals Corp., dated June 28, 1985. The magnetometer and vector pulse electromagnetometer surveys were conducted by Glen E. White Geophysical Consulting and Services Ltd. The four claims submitted for assessment credits were surveyed as part of a larger project (as mentioned in the submitted report dated Sept. 10, 1984.) and the value of the work applicable to each claim was prorated as a percentage of the total project value as described on Form C-Application for a Certificate of work submitted on June 25, 1985.

In response to query 1 concerning section 6(vii) the applicable claims are:

| <u>CLAIM NAME</u> | <u>RECORD NO.</u> |
|-------------------|-------------------|
| Kent 9 | YA 71206 |
| Kent 10 | YA 71207 |
| Kent 13 | YA 71210 |
| Kent 14 | YA 71211 |

These claims are owned by Butler Mountain Minerals Corp. The work was done for Butler Mountain Minerals Corp.

In response to query 2 concerning section 6(vii), the persons employed in performing the survey and related office work are listed below:

Field Crew: W.F. Mckenzie,
 158 W-22nd Ave.,
 N. Vancouver, B.C.

Brent Robertson,
 #104-6540 Malborough St
 Burnaby, B.C.

Brian Branting,
 3085 Gibbins Rd.,
 Duncan, B.C.

001 10 9 1/2 1/2 1985

1:27 9 9 8

STATEMENT OF QUALIFICATIONS

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

PROFESSION: Geophysicist

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

PROFESSIONAL
ASSOCIATIONS: Registered Professional Engineer,
Province of British Columbia

Associate member of Society of Explor-
ation 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.

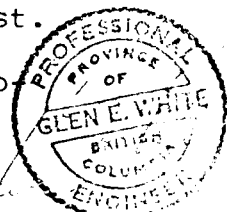
One year Mining Geophysicist and Tech-
nical Sales Manager in the Pacific
north-west for W.P. McGill and Assoc-
iates.

Two years Mining Geophysicist and
supervisor Airborne and Ground Geo-
physical Divisions with Geo-X Surveys
Ltd.

Two years Chief Geophysicist Tri-Con
Exploration Surveys Ltd.

Fourteen years Consulting Geophysicist.

Active experience in all Geologic pro-
vinces of Canada.



VECTOR PULSE ELECTROMAGNETOMETER COST BREAKDOWN

The cost of this survey was based on a diem basis of \$ 975/production day and \$ 425/mobilization day as differentiated below.

| | | |
|-------------|---|------------------|
| Production: | Field operator | \$ 315.00 |
| | Field assistant | \$ 225.00 |
| | Equipment rental | \$ 275.00 |
| | Meals and accommodations | NA. |
| | Office support: computer processing, data analysis, interpretation, drafting, report preparation, geophysicist supervision, typing, materials, misc. | \$ 160.00 |
| | Total | <u>\$ 975.00</u> |

| | | |
|---------------|------------------------|------------------|
| Mobilization: | Field operator | \$ 150.00 |
| | Field assistant | \$ 100.00 |
| | Equipment rental | \$ 175.00 |
| | Total | <u>\$ 425.00</u> |

SURVEY

Mobilization/Demobilization: July 27, August 12
2 days @ 425/day \$ 850.00

Production: July 28-31, Aug. 1, 4-10
12 days @ 975/day. \$ 11,700.00
Total \$ 12,550.00

Glen E. White BSc PEng.



MAGNETOMETER COST BREAKDOWN

The cost of this survey was based on a per deim basis of \$485/production day and \$275/mobilization day a differentiated below:

| | | |
|-------------|---|-----------|
| Production: | Field operator | \$ 315.00 |
| | Equipment rental | \$ 75.00 |
| | Meals and accommodations..... | NA |
| | Office support: computer processing, data analysis, interpretation, drafting, report preparation, geophysicist supervision, typing, materials, misc. | \$ 95.00 |
| | Total | \$ 485.00 |

| | | |
|---------------|------------------------|-----------|
| Mobilization: | Field operator | \$ 150.00 |
| | Equipment rental | \$ 75.00 |
| | Total | \$ 225.00 |

SURVEY

Mobilization/Demobilization: July 27, August 12
2 days @ 225/day \$ 450.00

Production: July 28-30, August 1,2,4,7-11
11 days @ \$485/day \$5335.00
Total \$5785.00

Glen E. White, BSc. PEng.

