



32005NW0019 2.9625 THACKERAY

010

COMINCO LTD.

EXPLORATION

TORONTO OFFICE

TELGAR PROPERTY

NTS: 32-D-5,12

1986 GEOPHYSICS ASSESSMENT REPORT

RECEIVED
DEC 15 1986
MINING LANDS SECTION

NOVEMBER 1986

B. LUM



32D05NW0019 2.9625 THACKERAY

010C

1986 Telgar Geophysics Assessment Report

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EXPLORATION

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TELGAR PROPERTY
NTS: 32-D-5,12
1986 Geophysics Assessment Report

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I. Introduction

During the period of August 11 to 29, 1986, some 80.95 Km of total field magnetic (MAG), 32.9 Km of horizontal loop electromagnetic (HLEM) and 12.7 Km of Induced Polarization (IP) were surveyed on the Telgar property over three grids. A breakdown of the work done for each grid is shown in Table I. below. The target of this program is to explore for economic gold mineralization associated with pyrite occurring at rhyolite-basalt contacts. The objective of conducting the geophysics is to develop drill targets by selecting regions containing favourable stratigraphy and pyrite concentrations.

Table I. Work done (Km)

	MAG	HLEM	IP
Grid 1.	9.9	3.7	3.9
Grid 2.	48.5	26.0	5.7
Grid 3.	22.55	3.2	3.1
Total	80.95	32.9	12.7

The 353 claim property includes the north two-thirds of Thackery Twp., located about 30 Km east of Matheson, Ontario (see Plate 1.) Access to the grids is available by logging roads south off Highway 101.

These surveys were carried out by COMINCO personnel (K.N.Hendry, Sr. Geophysicist; B.Lum, Geophysicist; J.Heidema, Geologist; R.D.Lavigne, Technician; and B.C.Oldham, Technician.)

II. Instrumentation and Survey Methods

Both the Geometrics G-816 and Scintrex MP-2 proton precession magnetometers were used as field receivers and a Geometrics G-826A magnetometer was set up as the base station recorder, located at Perry Lake Lodge. All readings were taken at 25m stations on lines 200m and 400m apart. The field receivers were operated with the sensor in the back-pack position. The results have been corrected for diurnal drift, then posted and contoured on 1 : 2500 scale plans presented in Plates 3 to 8.

The IP survey was conducted using a Hunttec Mk 4 receiver and a Hunttec Mk 4 transmitter (7.5 KW) in a pole-dipole survey configuration. At Grid 1, an A-spacing of 25m was selected because of the thin overburden cover and for detail lateral resolution. For Grids 2 & 3, 50m spacing was used for the dipole separation. The receiver was set at a delay time of 120 msec with ten 90 msec wide sampling windows. Readings were generally taken at n = 1

2 separations and at $n = 1$ to 4 separations for selected detail work. In all three grids, the moving current electrode, C1, was always south of the potentials, P1 and P2, unless otherwise stated in the pseudo-sections. The infinite electrode, C2, was set at least ten times the A-spacing from the survey area. The chargeability and apparent resistivities are plotted on 1: 2500 scale pseudo-sections found in Plates 9, 10, and 11.

An Apex Parametrics MaxMin II electromagnetometer was employed for the HLEM survey. Readings were recorded on three frequencies, 444 Hz, 1777 Hz, and 3555 Hz. The coil separation varied from 50m up to 250m for each grid. The results are plotted in profile form with the vertical scale of 1 cm = 10% and the horizontal scale of 1 : 2500. The HLEM data are presented in Plates 12 to 26.

III. Discussion of the Survey Results (Plate 2.)

The objective of the summer program was to employ prospecting and geophysical techniques to locate diamond drill targets. This report deals only with the geophysical survey results.

As it was demonstrated in 1985, the ground MAG survey was an excellent mapping tool in delineating the rhyolite unit (MAG low) bounded by the basalts (MAG high). A couple of N-NW trending faults are shown as offsets in the contour pattern of the MAG map (see Plate 4.) Therefore for 1986, complete MAG coverage was carried out on all three grids including the eastern and western extensions to the 1985 survey of Grid 1.

The IP method was selected because of the association of gold mineralization with the occurrence of pyrite as recorded in the mapping of the North Zone. In Grid 1, seven lines of detail IP were done to observe the IP response of the mineralized showings. Single IP test lines were conducted on Grids 2 & 3 resulting in finding a strong anomaly on each line. These anomalies were followed up by more IP on adjacent lines to establish strike direction and continuity of the response.

In addition to the IP, detail grids of HLEM were done over the IP anomalies and over regions bearing INPUT AEM conductors to establish ground control.

Grid 1. (Plates 3, 4, 5, 9, 12, 13 & 14)

The IP method, like the MAG survey, proved to be an effective mapping tool by differentiating the rhyolite unit as a chargeability low from the adjacent thoeitic basalts (chargeability high.) There are concentrations of pyrite in the basalts near the rhyolite which would explain the source of the chargeability highs. The small A-spacing of 25m provided good lateral resolution and sufficient depth penetration to bedrock because of the shallow overburden cover. The thin overburden cover allowed more of the bedrock to be sampled by the IP survey, thus resulting in high resistivity values of up to 40,000 ohm-m.

The narrow MAG low (rhyolite) in the 1985 survey trends S-SW and continues beyond the southern limit on line 21W. The MAG values appear to decrease noticeably west of line 18W and east of line 8E which may reflect the thickening of the overburden.

Eight lines were surveyed by HLEM over the IP coverage to observe the EM response over the showings. There were no distinct conductors found.

Grid 2. (Plates 6, 7, 10, 15 to 26.)

Two strong IP anomalies were found and they both displayed bedrock response with depth extent. Anomaly 2A, located at 600N, appears to continue beyond the coverage of lines 25E to 30E. This feature is about five times the background chargeability values and has good depth extent and strike length. Its continuity in strike tends to imply a formational source. The apparent resistivity response of 2A is also high. There is a coincident MAG high associated with 2A .

The second IP anomaly, 2B, is found at 400S on lines 26E to 30E. Like 2A, this feature is remains open to both east and west. The best response is found on line 30E where the chargeability values are up to 31 msec. The chargeability contour pattern suggests that this IP source subcrops and has good depth extent. No magnetic anomaly is associated with 2B. However, there is an extensive MAG trough that runs N-NE through IP anomaly 2B. Elsewhere on the grid the magnetic response is low in relief.

There were no EM response to either IP anomaly, but the HLEM did confirm the locations of the INPUT AEM conductors. A weak 6 mhos, NE trending conductor, C2A, is found on lines 4E to 7E. It is a thin conductor with a depth to top of about 60 m.

The second conductor, C2B, is located just north of IP anomaly 2B on lines 24E to 29E. It has an E-W strike that bends to the SE from line 28E to 29E. Conductor C2B's width is thin except on lines 27E to 29E where it is about 25 to 50 m. The depth to top estimates decreases from 60 m on line 26E to very shallow (< 20 m) on lines 28E and 29E. The conductivity thickness product (CTP) conversely increases from the west to east (8 to 18 mhos.)

Grid 3. (Plates 8, 11 & 26)

There is a broad and strong IP anomaly, 3A, located on line 16E, centered at 150S. On the two adjacent lines, the IP response appears to diminish noticeably in amplitude and to change in pattern. For line 18E, the IP response is just an elevated shift in background chargeabilities and for line 14E, there is a similar background shift, but with a small, moderate anomaly centered at 150S. A resistivity high zone is associated with anomaly 3A on line 16E. This region of higher chargeability lies on the north flank of a E-NE trending, regional MAG high. To the north of this MAG high, the magnetic response is smooth and low in relief. A HLEM survey using coil separations of 100 m and 250 m was done over lines 15E and 16E and found no conductors.

An additional IP test line was carried out on line 8E and no anomalies were found.

IV. Conclusions (Plate 2)

In Grid 1, the IP method proved to be a useful compliment to the MAG data in mapping the rhyolite and basalt units. The basalts are characterized by its high magnetic and chargeability values whereas the rhyolites are shown as regions of low magnetic response and low chargeabilities. There were two IP anomalies found in Grid 2. Both features appear to be bedrock sources with considerable depth extent. Anomaly 2A is coincident with a magnetic high, but there is an extensive N-NE trending MAG low associated with anomaly 2B. There is one strong IP anomaly, 3A, in Grid 3 centered on line 16E. Anomaly 3A is situated within a broad zone of chargeability highs that lies on the north flank of E-NE trending regional MAG high.

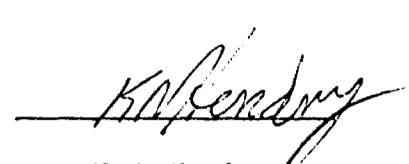
Each IP anomaly was re-surveyed by the HLEM method, but no conductors were found. The HLEM survey did locate two INPUT AEM conductors in Grid 2. The west conductor, C2A, is a weak (CTP = 6 mhos) and thin feature with a depth to top of about 60 m. The second feature, C2B, located on lines 25E to 29E, is a shallow (<20 m), moderate (CTP = 8-18 mhos) conductor.

Submitted by :



Boris Lum
Geophysicist
Exploration, Toronto

Endorsed by :



K.N. Hendry
Senior Geophysicist
Exploration, Toronto

Distribution:

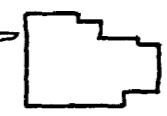
Vancouver Admin.(1)
Toronto Files(1)
Toronto Geophysics(1)
Chief Geophysicist (JK)....(1)
Assessment Office(2)

Ontario
Quebec

Lake Abitibi



Barrick Depos



TELGAR Property

Kirkland Lake

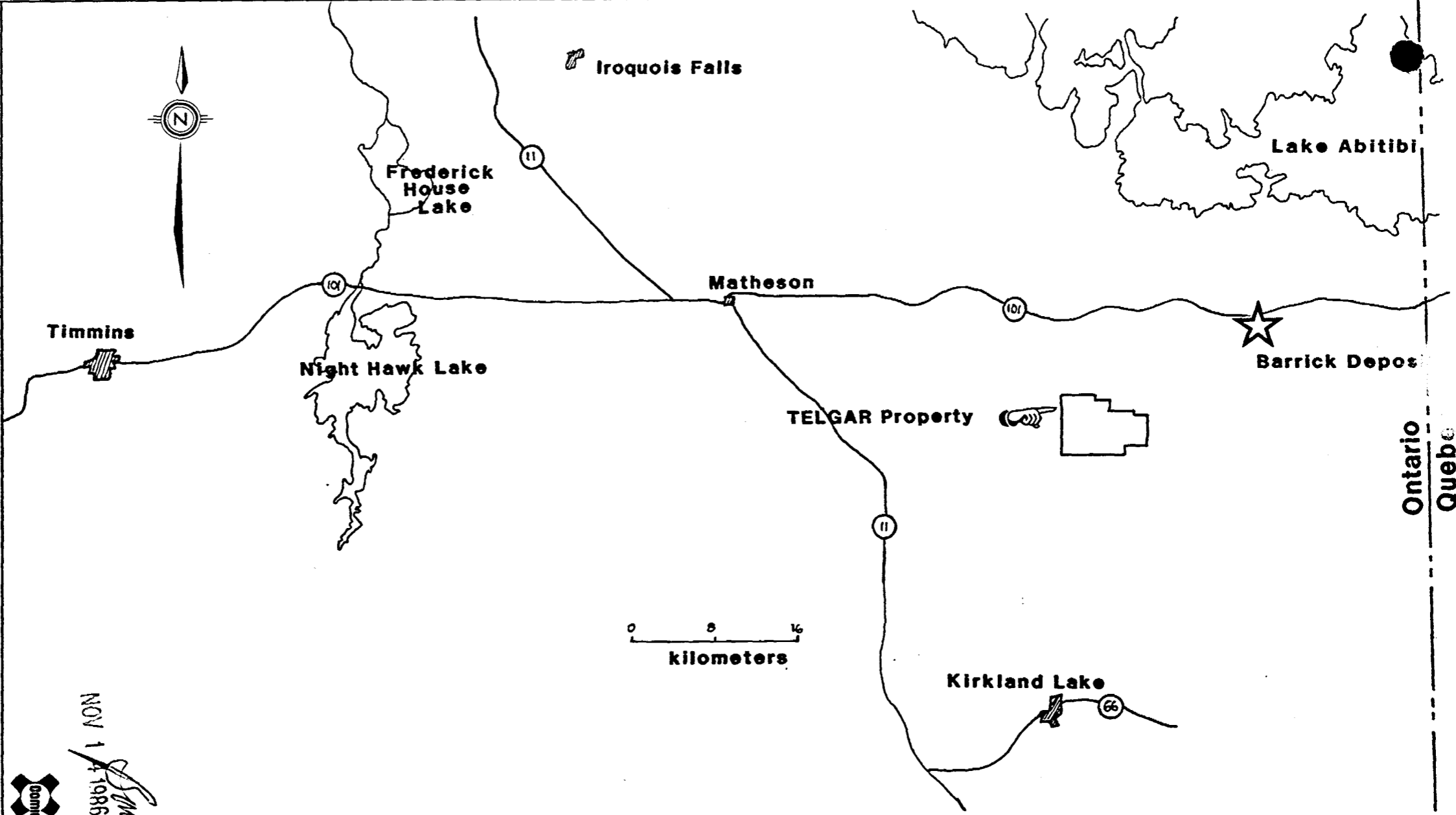
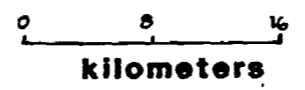
Matheson

Iroquois Falls

Frederick House Lake

Night Hawk Lake

Timmins



NOV 1 1986
Franklin

Drawn by: <i>Sakis</i>	Traced by:
Revised by: _____	Revised by: _____
Date: _____	Date: _____

TELGAR PROPERTY Location Map

NTS : 32-D-5,12

Scale:

Date: Nov. 1986

Plate: 1



900

January 30, 1987

Your File: 490/86
Our File: 2.9625

Mining Recorder
Ministry of Northern Development and Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Notice of Intent dated January 9, 1987
Geophysical (Magnetometer) Survey on
Mining Claims L 737959, et al, in
Thackeray Township

The assessment work credits, as listed with the above-mentioned
Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and
so indicate on your records.

Yours sincerely,

J.C. Smith, A/Manager
Mining Lands Section
Mineral Development and Lands Branch
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

DK/mc

cc: Cominco Ltd
Suite 2200
120 Adelaide Street West
Toronto, Ontario
M5H 1T1
Attention: B. Lum

Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Kirkland Lake, Ontario

Encl.

Recorded Holder
 COMINCO LTD

Township or Area
 THACKERAY TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	L 737959
Electromagnetic _____ days	737964
Magnetometer <u>34.2</u> days	737971
Radiometric _____ days	738666
Induced polarization _____ days	738689
Other _____ days	738722
	738724
	738734
	738736 to 38 inclusive
	738754
	738824 to 29 inclusive
Section 77 (19) See "Mining Claims Assessed" column	738831
	→ 739008 to 10 inclusive
Geological _____ days	739020 to 23 inclusive
Geochemical _____ days	739026 to 29 inclusive
	739032 to 34 inclusive
Man days <input type="checkbox"/>	739037-38
Airborne <input type="checkbox"/>	739632 to 35 inclusive
Special provision <input checked="" type="checkbox"/>	799067 to 75 inclusive
Ground <input checked="" type="checkbox"/>	799256 to 61 inclusive
	799275
<input type="checkbox"/> Credits have been reduced because of partial coverage of claims.	
<input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

<u>20 DAYS MAGNETOMETER</u>	<u>10 DAYS MAGNETOMETER</u>
L 738690	L 738665
738721	738684
738733	738719 - 20
738740 - 41	738723
739005 to 07 inclusive	738735
	738817 - 18
	L 739024
	739036

No credits have been allowed for the following mining claims

not sufficiently covered by the survey
 insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

TELGAR PROPERTY
GEOPHYSICS

2.9625

CLAIM NUMBERS

CLAIM NUMBERS

L. 737959
L. 737964
L. 737971
L. 738665 & 738666
L. 738684
L. 738689 & 738690
L. 738719 to 738724 INCL.
L. 738733 to 738738 INCL.
L. 738740 & 738741
L. 738754
L. 738817 & 738818
L. 738824 to 738829 INCL.

L. 738831
L. 739005 to 739010 INCL.
L. 739020 to 739024 INCL.
L. 739026 to 739029 INCL.
L. 739032 to 739034 INCL.
L. 739036 to 739038 INCL.
L. 739632 to 739635 INCL.
L. 799067 to 799075 INCL.
L. 799256 to 799261 INCL.
L. 799275



GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) MAGNETOMETER

Township or Area THACKERAY

Claim Holder(s) COMINCO LTD.

Survey Company COMINCO LTD.

Author of Report B. LUM

Address of Author 2200-120 ADELAIDE ST. W. TORONTO

Covering Dates of Survey _____
(linecutting to office)

Total Miles of Line Cut 44

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

SEE ATTACHED
LIST

If space insufficient, attach list

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS
per claim

ENTER 40 days (includes
line cutting) for first
survey.

ENTER 20 days for each
additional survey using
same grid.

- Geophysical
 - Electromagnetic _____
 - Magnetometer 40
 - Radiometric _____
 - Other _____
- Geological _____
- Geochemical _____

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: Nov. 186 SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 73

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument SCINTREX MPR & GEOMETRICS GH-16

Accuracy – Scale constant 1.0 GAMMA

Diurnal correction method USED BASE MAG

Base Station check-in interval (hours) _____

Base Station location and value PERRY LAKE LODGE 58,000.

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: Fixed transmitter Shoot back In line Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

Base station value and location _____

Elevation accuracy _____

INDUCED POLARIZATION
RESISTIVITY

Instrument _____

Method Time Domain Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____
(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____
(specify for each type of survey)

Accuracy _____
(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
p. p. m.
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

TELGAR PROPERTY
GEOPHYSICS

CLAIM NUMBERS

CLAIM NUMBERS

L. 737959

L. 738831

L. 737964

L. 739005 to 739010 INCL.

L. 737971

L. 739020 to 739024 INCL.

L. 738665 & 738666

L. 739026 to 739029 INCL.

L. 738684

L. 739032 to 739034 INCL.

L. 738689 & 738690

L. 739036 to 739038 INCL.

L. 738719 to 738724 INCL.

L. 739632 to 739635 INCL.

L. 738733 to 738738 INCL.

L. 799067 to 799075 INCL.

L. 738740 & 738741

L. 799256 to 799261 INCL.

L. 738754

L. 799275

L. 738817 & 738818

L. 738824 to 738829 INCL.

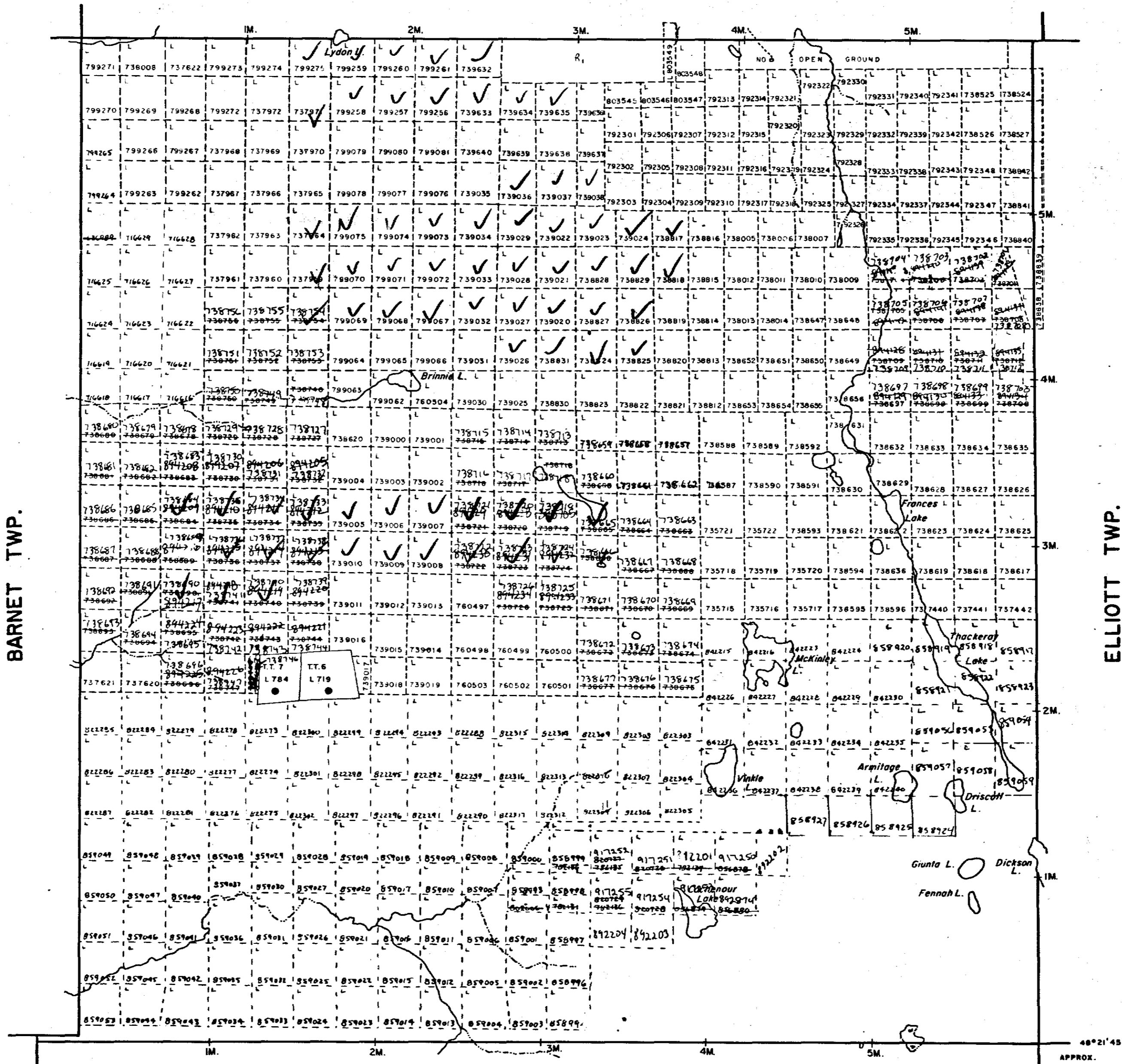
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
R ₁	NRW 63/53	Dec 2/83	M.R. & S.R.	

GARRISON TWP.



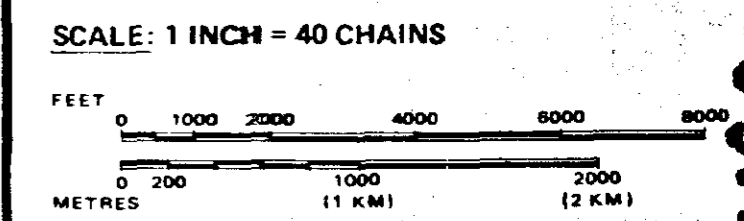
LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PATENT BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1



AUG 28 1986

TOWNSHIP

THACKERAY

M.N.R. ADMINISTRATIVE DISTRICT

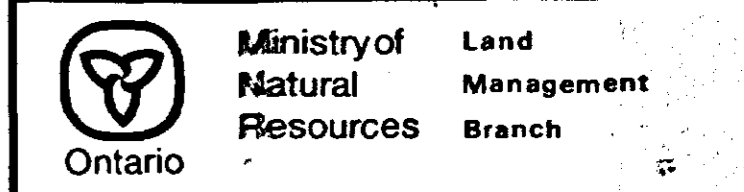
KIRKLAND LAKE

MINING DIVISION

LARDER LAKE

LAND TITLES / REGISTRY DIVISION

COCHRANE



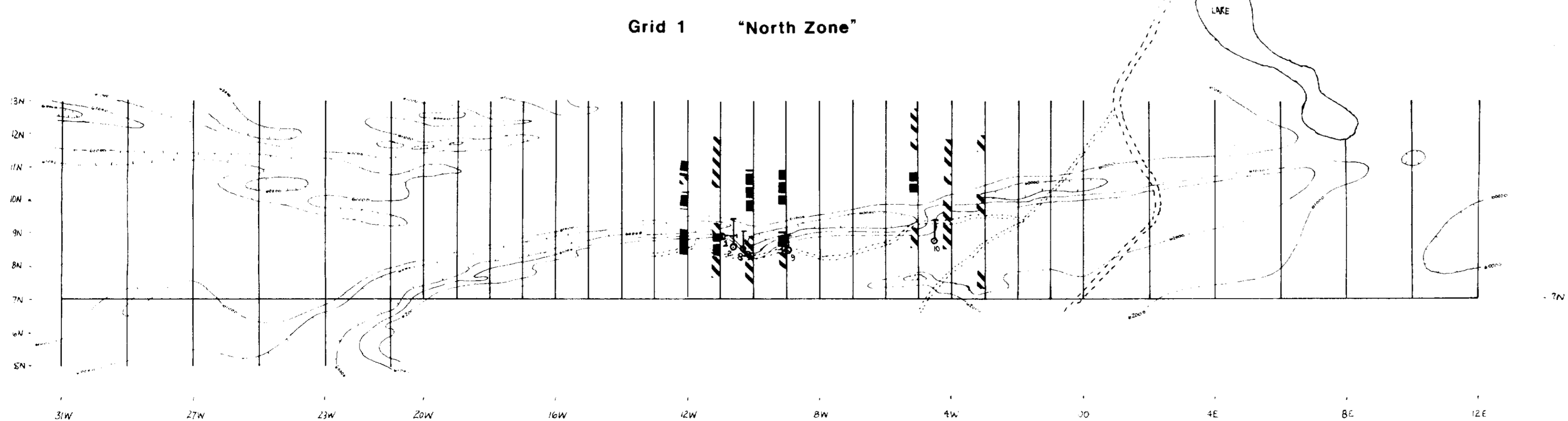
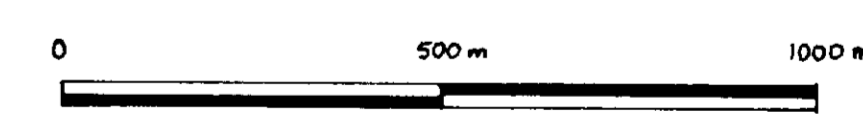
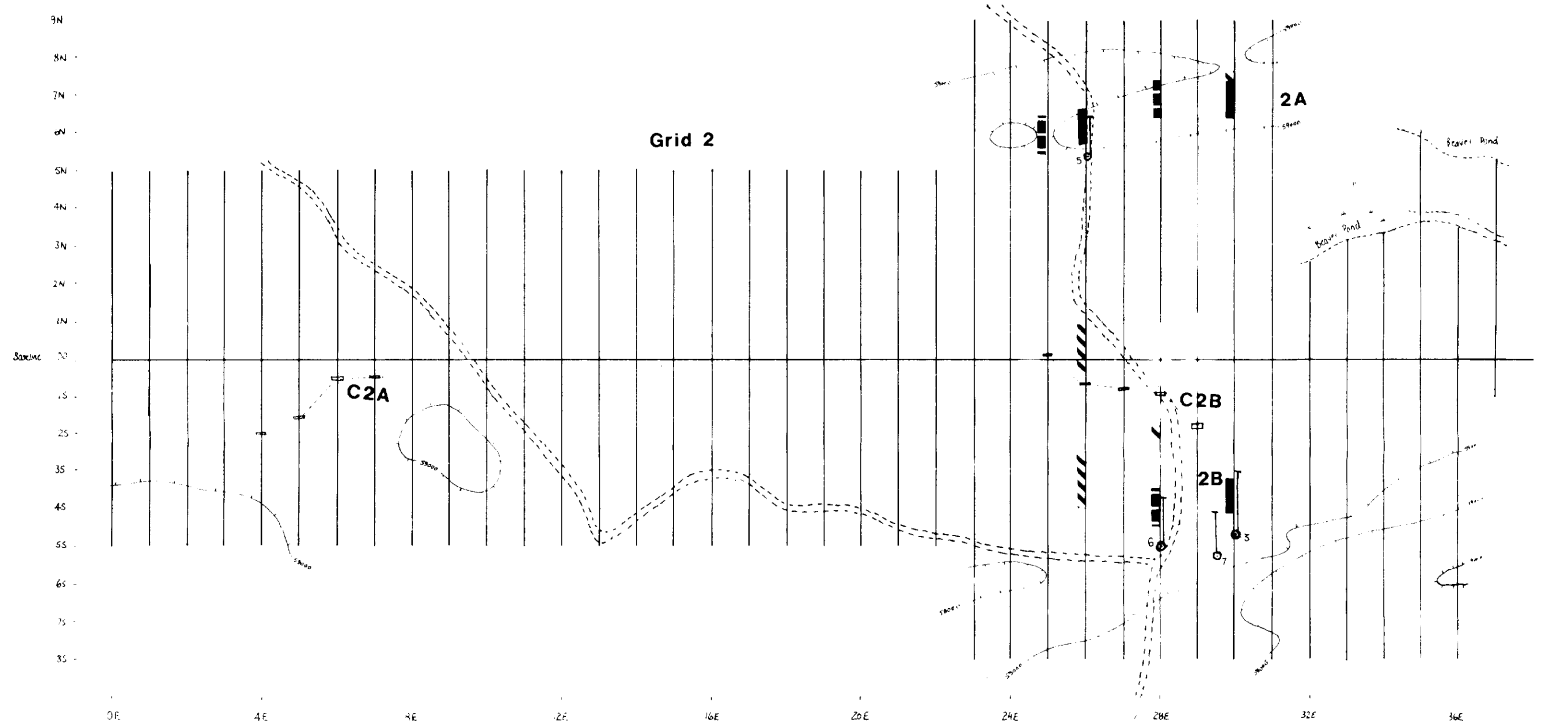
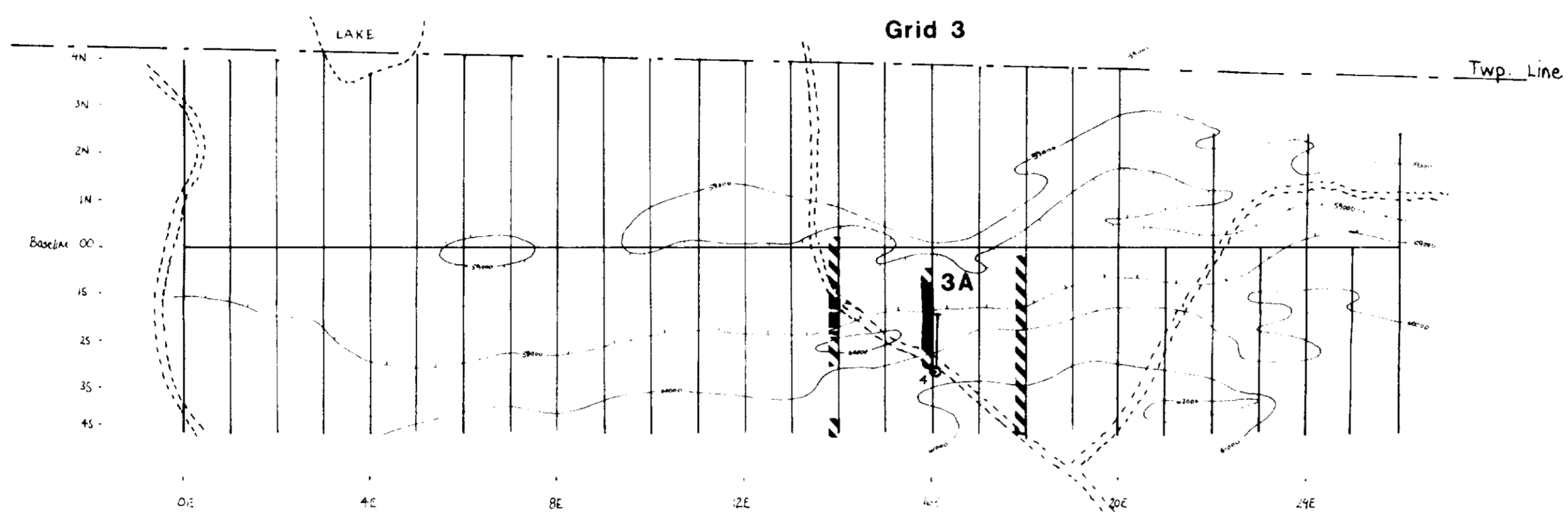
Date JANUARY, 1985

Number **G-3220**



32085W0019 2.9625 THACKERAY 200

BISLEY TWP.



LEGEND

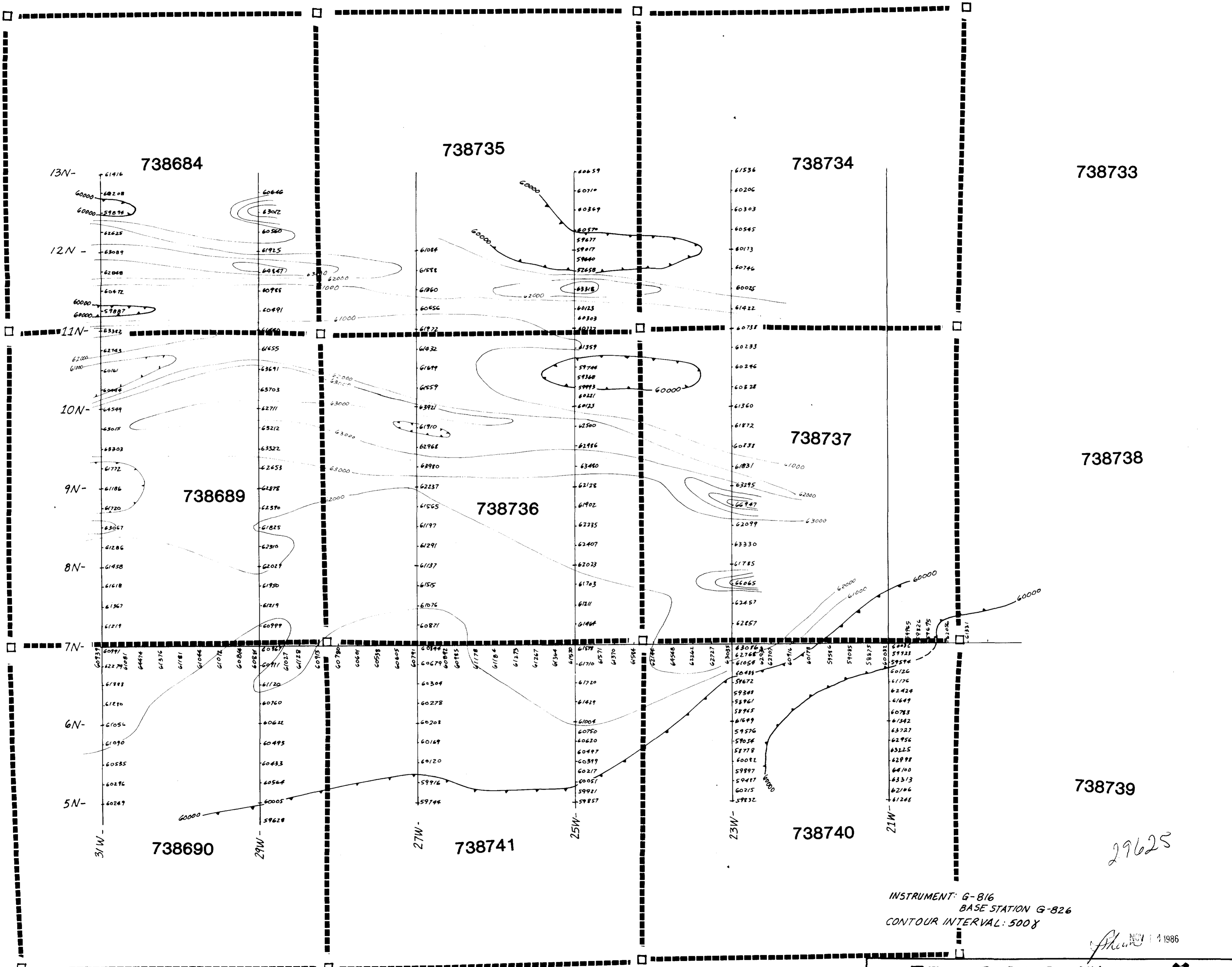
- IP Interpretation
 - weak
 - moderate
 - strong
- MAG contours
- HLEM Conductors
- DDH

29625

NOV 14 1986

TELGAR PROPERTY		Thackery Twp.	
Drawn by: Boris	Traced by:	1986 Interpretation Map	
Revised by: Date	Revised by: Date		
		Scale: 1 : 10000	Date: October 1986
			Plate: 2





INSTRUMENT: G-816
 BASE STATION G-826
 CONTOUR INTERVAL: 500'

NOV 1 1986

29625

TELGAR PROPERTY

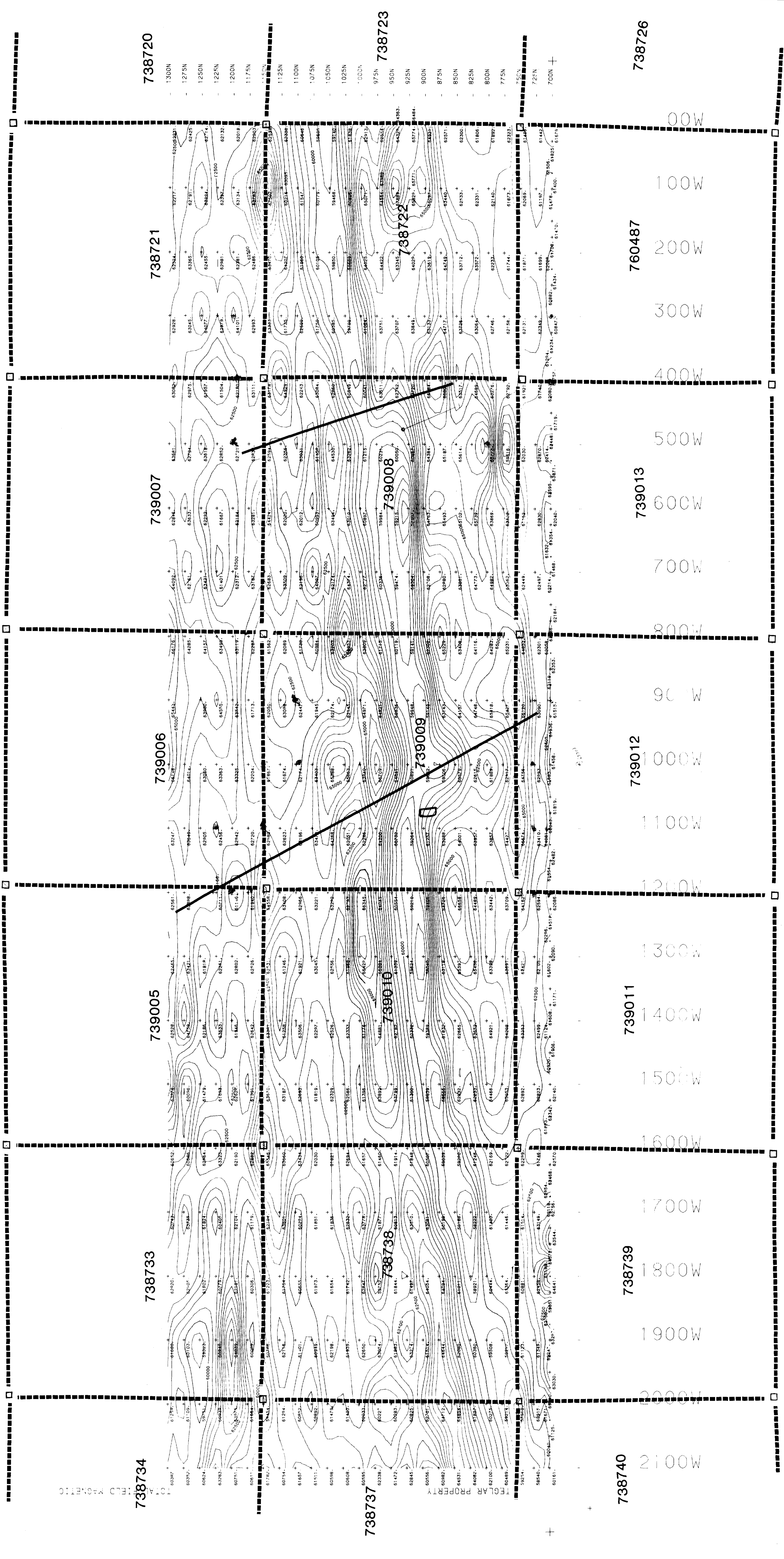


Drawn by:	Traced by:
Revised by:	Revised by:
Date:	Date:

TOTAL FIELD MAGNETICS
 GRID 1.

Scale: 1" = 2000' Date: October, 1986 Plate: 3





29625

NOV 14 1985

TELGAR Property

1985 Total Field Magnetic Map

Scale 1 : 2500 Date November 1985

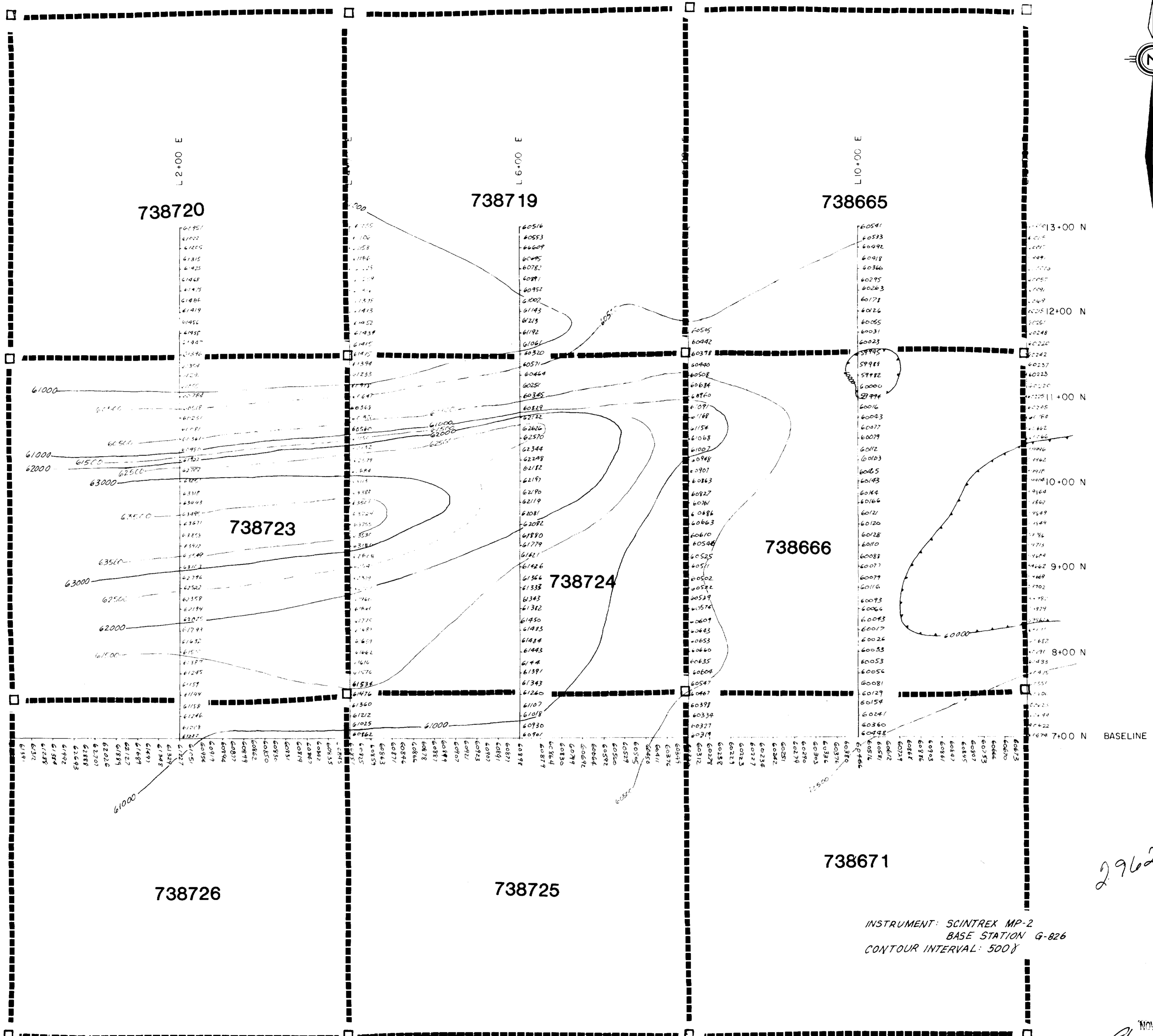
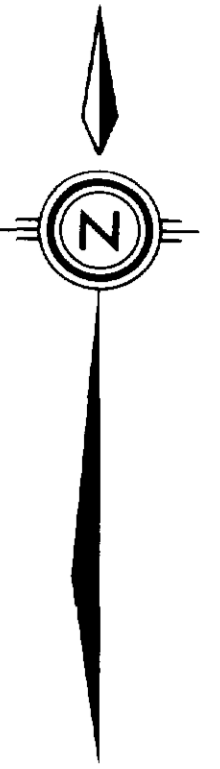


GRID 1

Sheet 4 of 4



230



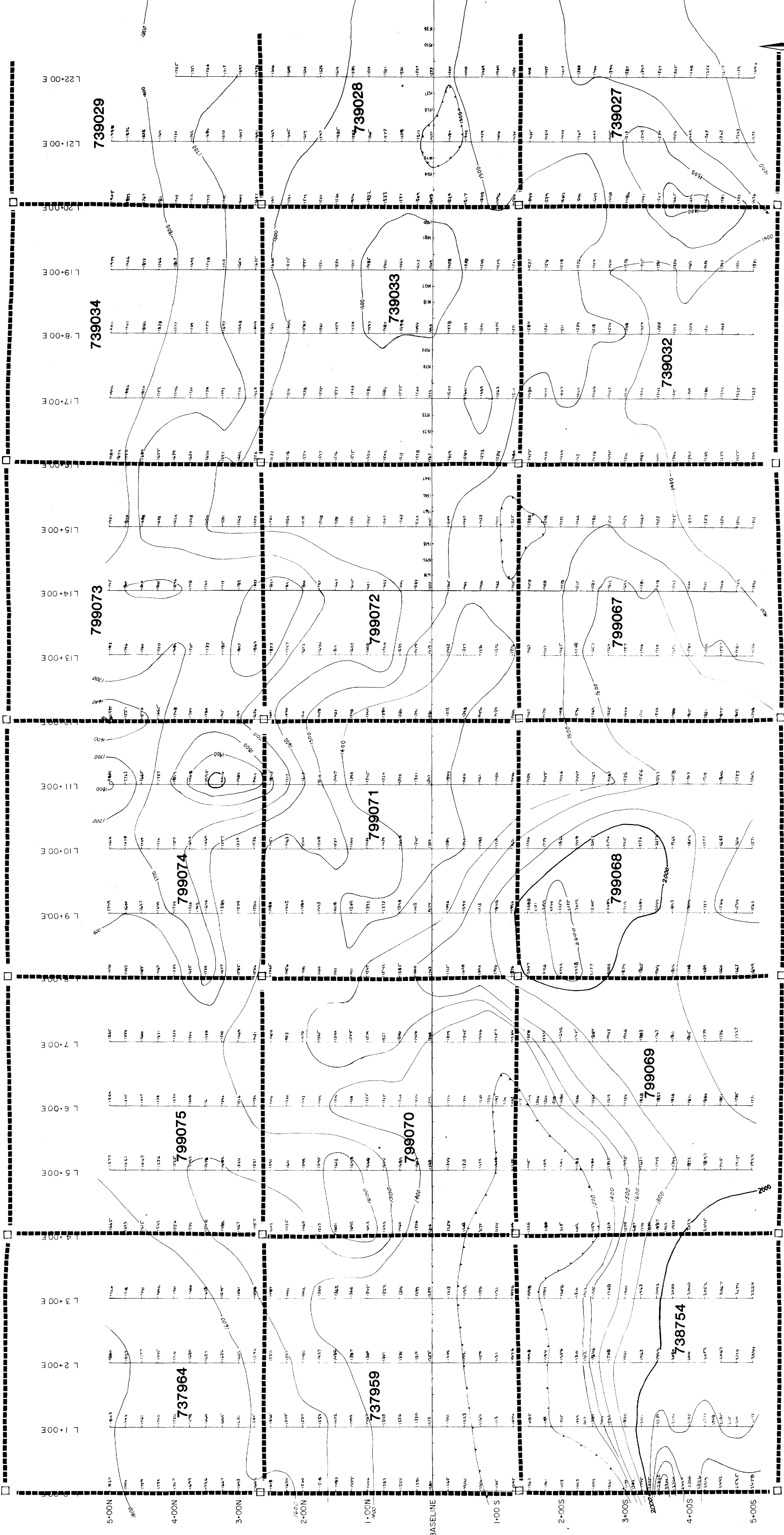
29625

INSTRUMENT: SCINTREX MP-2
 BASE STATION G-826
 CONTOUR INTERVAL: 500'

NOV 14 1986
Blum

TELGAR PROPERTY			
Drawn by:	Traced by: J. M. MacVicar		
Revised by:	Date:	Revised by:	Date:
Scale: 1:2500		Date: OCTOBER, 1986, Plate: 5	





27 9625

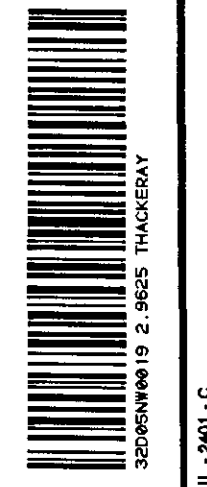
at 57000, to all readings
 INSTRUMENT: SCINTREX MP-2
 BASE STATION: G-826
 CONTROLLER: INTERFERAL 2008
 ALUMINUM 1986

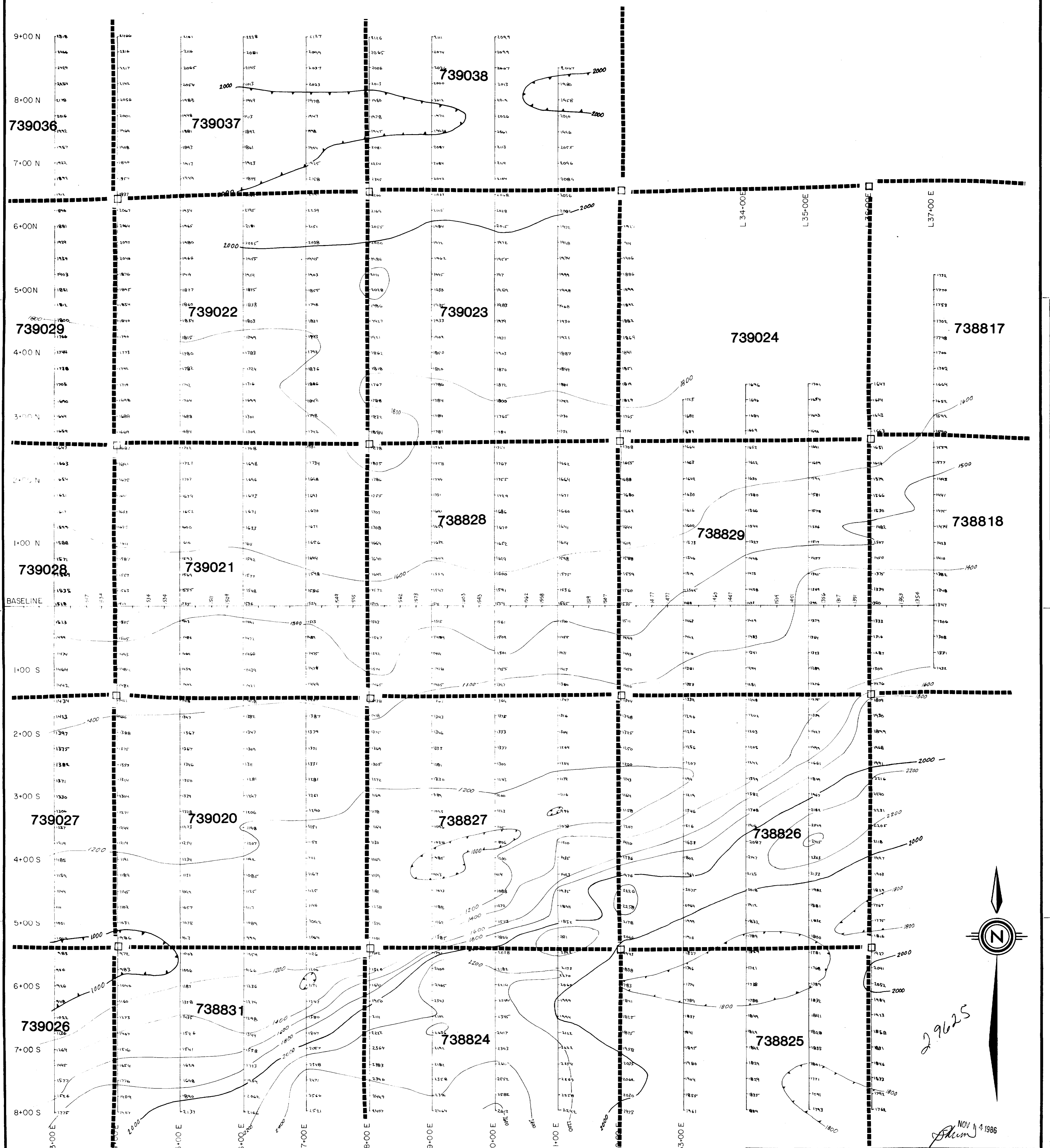
TELGAR PROPERTY

Drawn by: BCO
 Checked by: BCO
 Date: 8/24/1986

GRID 2
 MAGNETIC CONTOUR MAP

Scale: 1:2500
 Date: 8/24/1986
 NTS: 32D/5
 File: 6





29625

NOV 4 1986
Allen

TELGAR PROPERTY

Drawn by: J. HENRY	Traced by: BCO
Checked by: []	Reviewed by: []
Approved by: []	Approved by: []

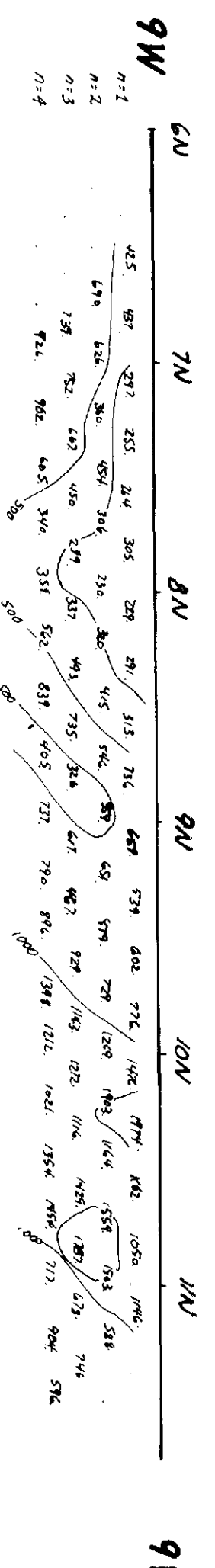
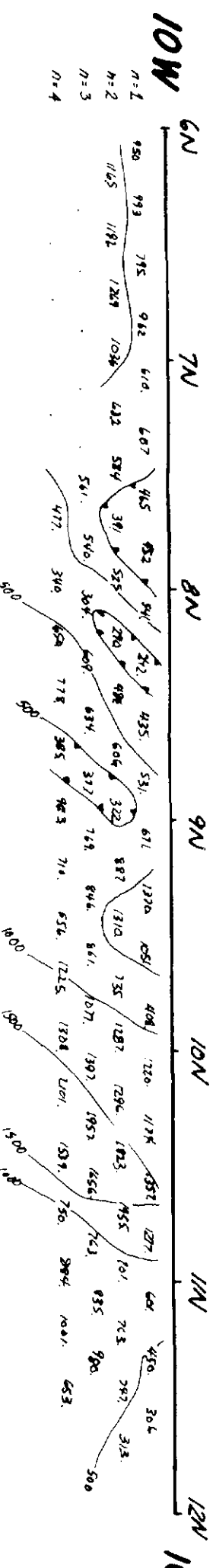
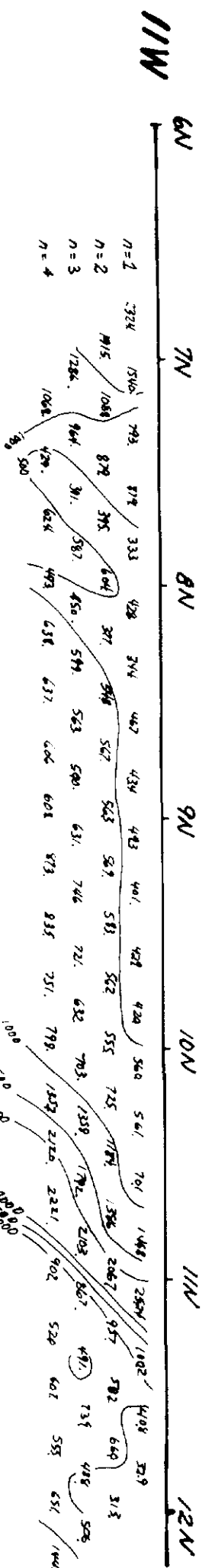
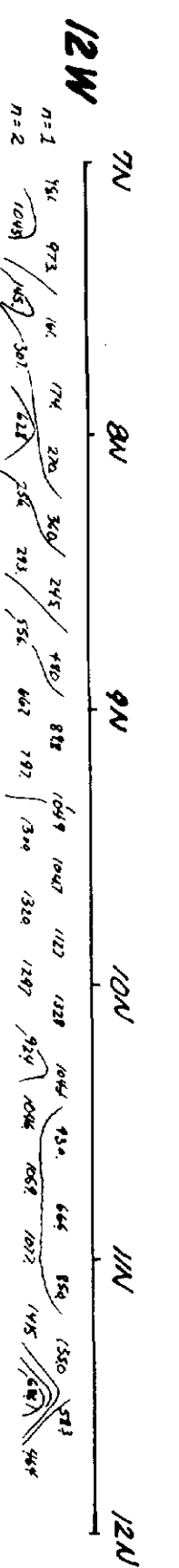
GRID 2 (EAST)
 MAGNETIC CONTOUR MAP

Scale: 1:2500 Date: Sept/86 Plate: 7

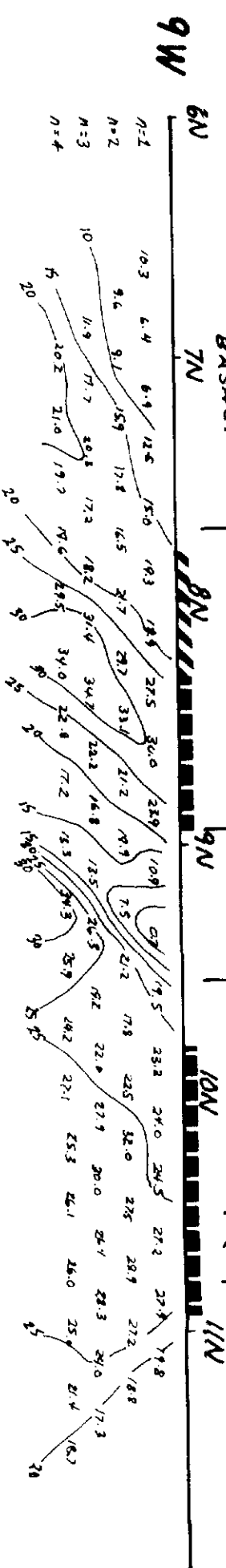
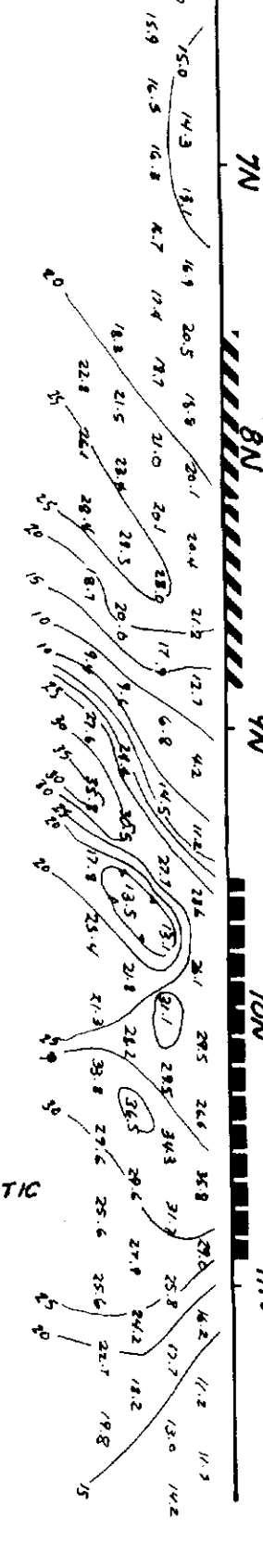
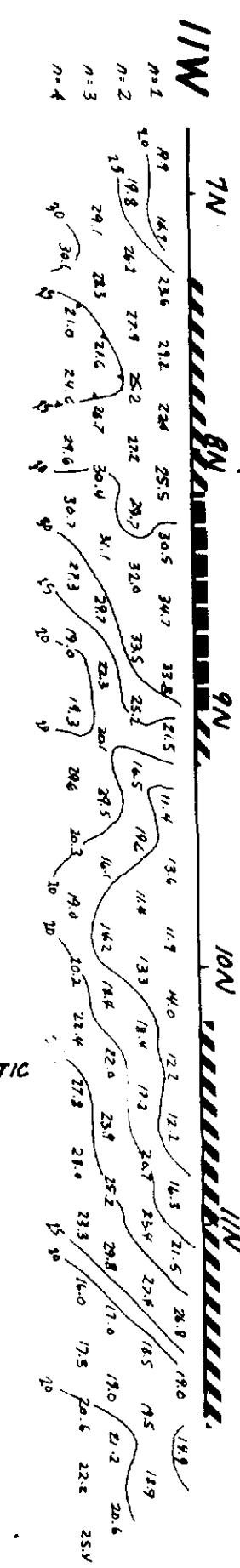
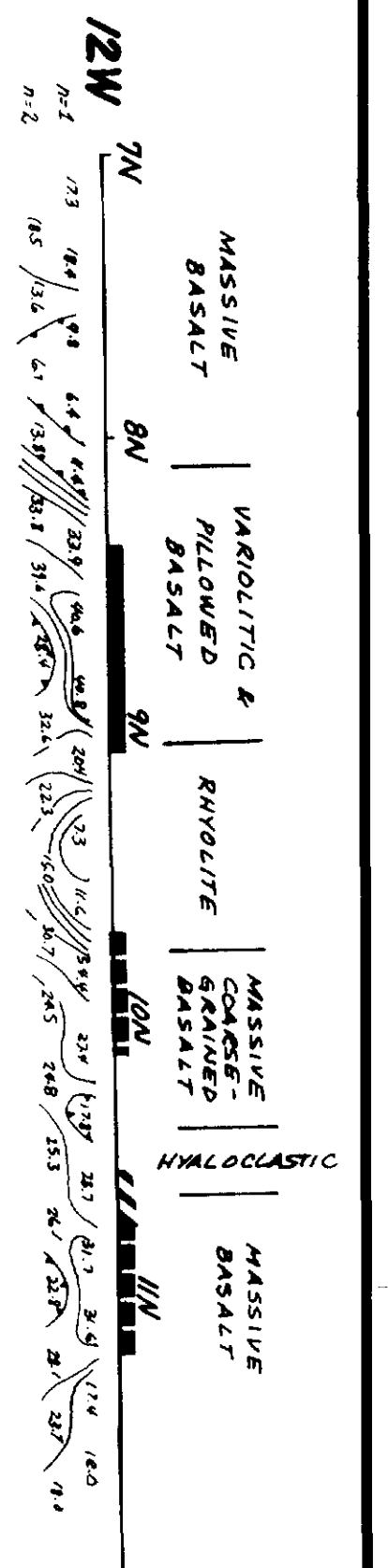
INSTRUMENT: SCINTREX MP-2
 BASE STATION: G-826
 RWD 57000 to all readings
 CONTOUR INTERVAL 200'



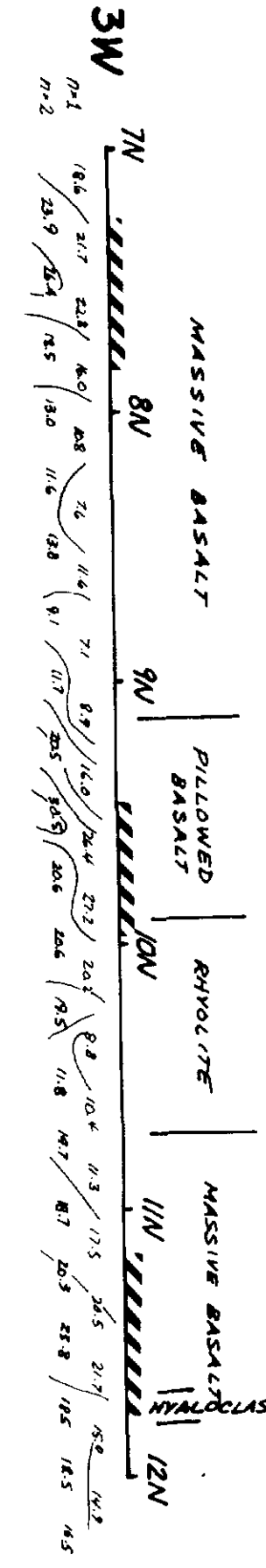
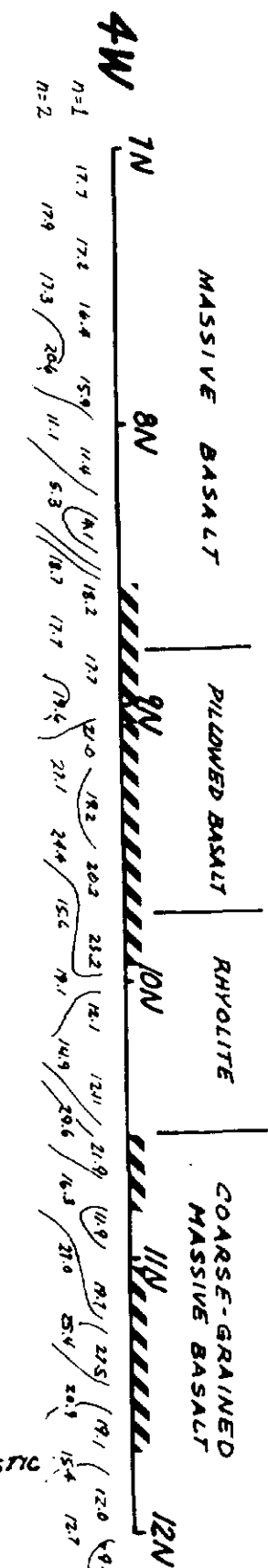
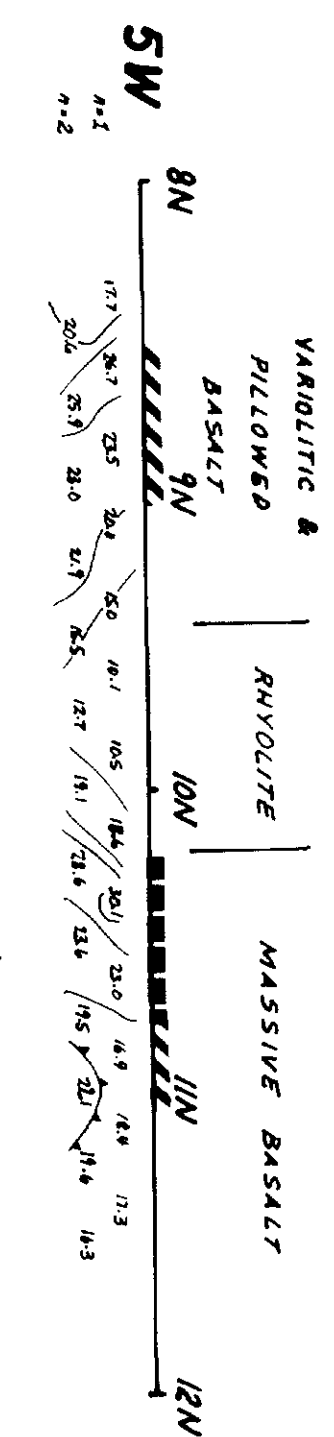
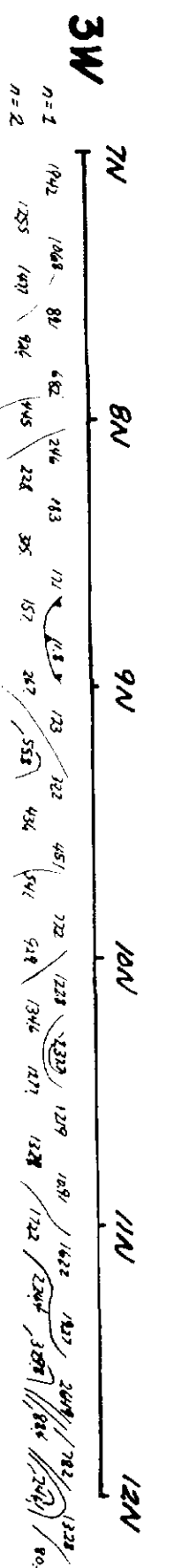
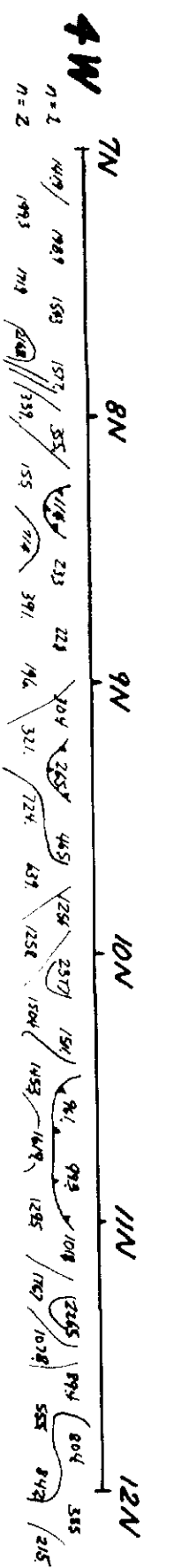
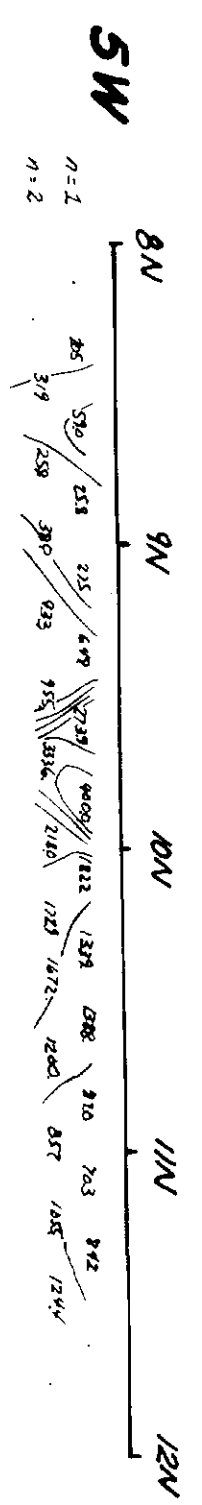
APPARENT RESISTIVITY (Ohm-m)
 CONSTANT INTERVAL:
 300, 500, 1000, 1500



I.P. TEST
 APPARENT RESISTIVITY (R)
 (multiply all values by 10)



I.P. TEST
 CHARGEABILITY (Ma)



29625

INSTRUMENT:

RECEIVER: Hunter Mk IV
 TRANSMITTER: Hunter 75 kW
 ELECTRODE: Steel Shakes

INTERPRETATION

I.P. Anomaly
 Weak
 Moderate
 Strong

TELGAR PROPERTY			
Drawn by	Z. LUM	Traced by	J. A. BROWN
Checked by		Reviewed by	
GRID 1 I.P. TEST - CHARGEABILITY & APPARENT RESISTIVITY			
Scale:	1:2500	Date:	SEPTEMBER, 1966
			Plate: 9



LEGEND

Instrumentation

Rx: Hunter MK 4
Tx: Hunter MK 4
Steel electrodes

0.5 DM

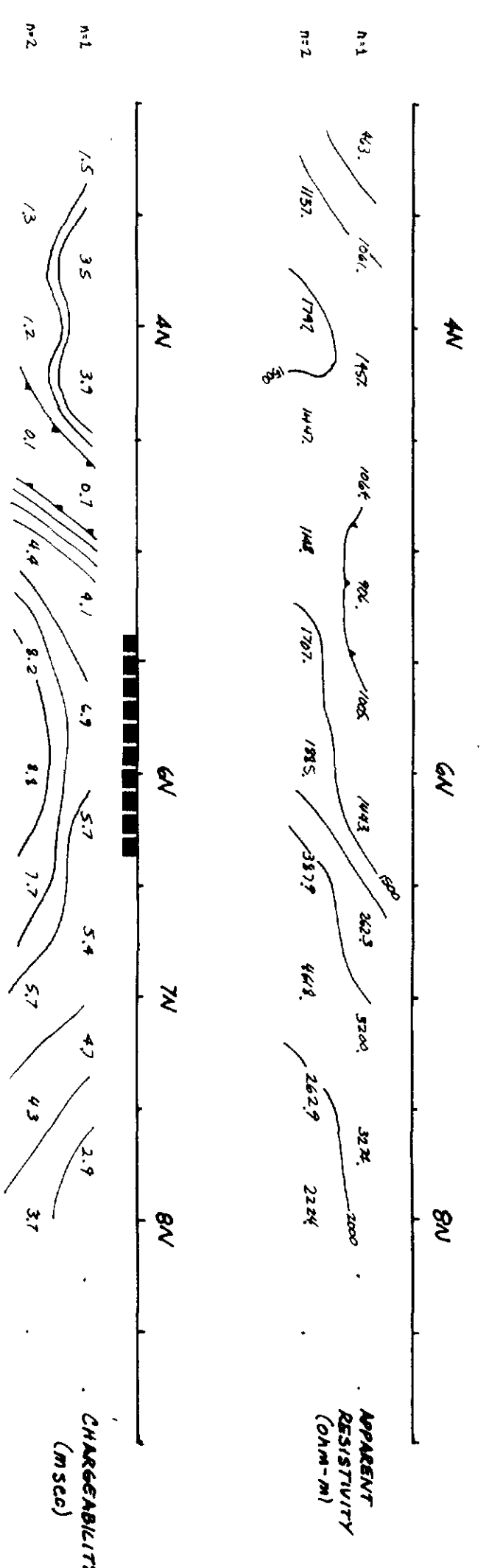
INTERPRETATION

IP Anomaly
weak
moderate
strong

85 | 75 | 65 | 55 | 45 | 35 | 25 | 15 | 5 | 1N | 2N | 3N | 4N | 5N | 6N | 7N | 8N | 9N

Ja CONTRA LOS 103°52'03.0"S.0.

LINE 25E



CHARGEABILITY (MS20)

TELGAR PROPERTY

29625

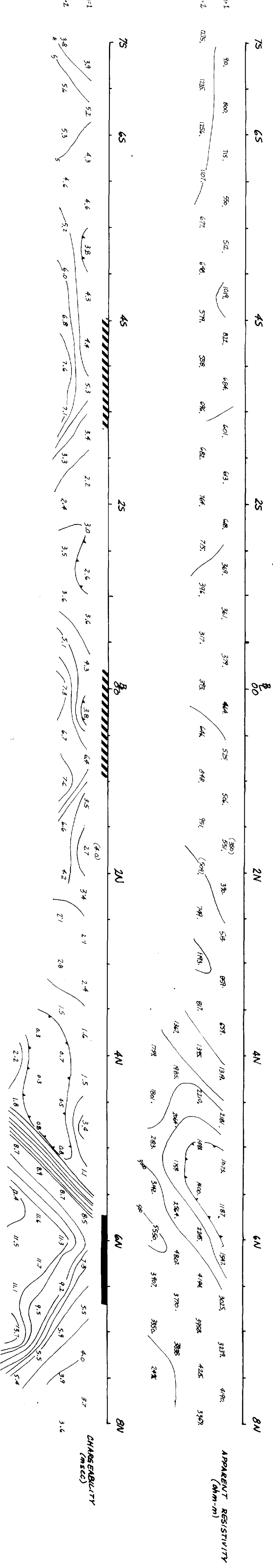
4 1996

GRID 2
APPARENT RESISTIVITY and
I.P. PSEUDOSECTIONS

Drawn by:	Traced by:
Checked by:	Checked by:
Date:	Date:

Scale: 1:2500 Date: SEPTEMBER, 1986 Plate: 10

LINE 26E

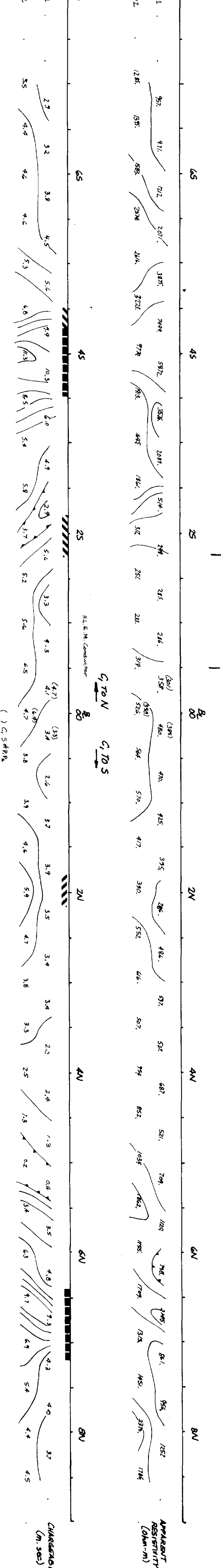


CHARGEABILITY (MS20)

APPARENT RESISTIVITY (Ohm-m)

BEDROCK VALLEY

LINE 28E

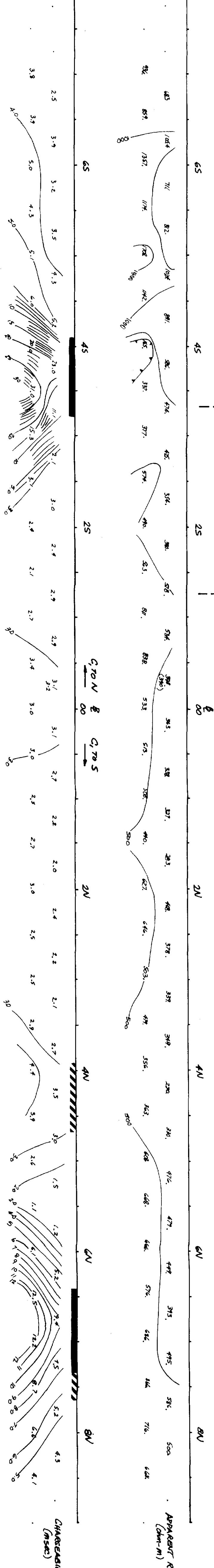


CHARGEABILITY (Ohm-m)

APPARENT RESISTIVITY (Ohm-m)

BEDROCK VALLEY

LINE 30E

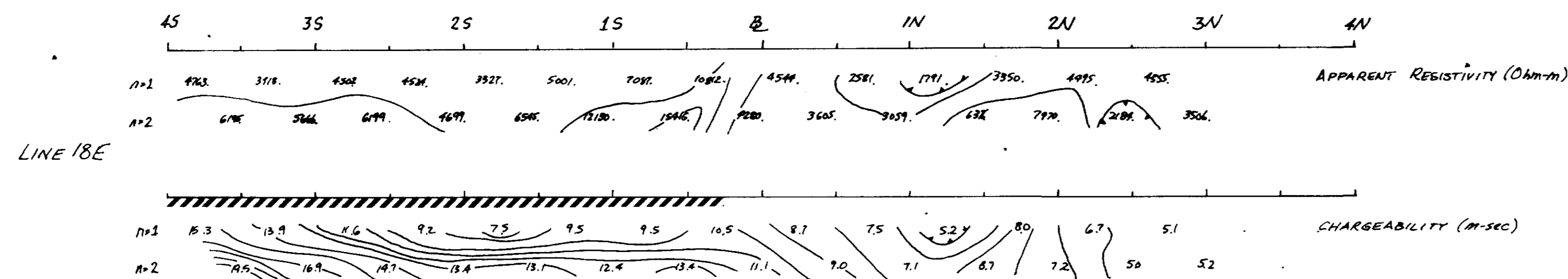
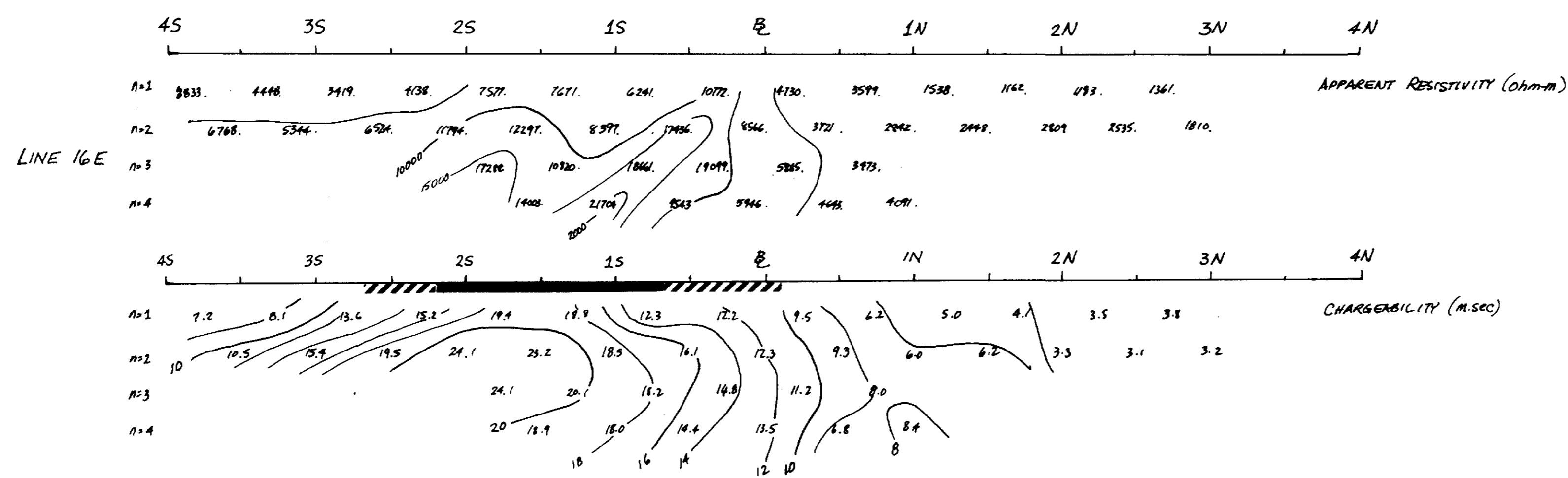
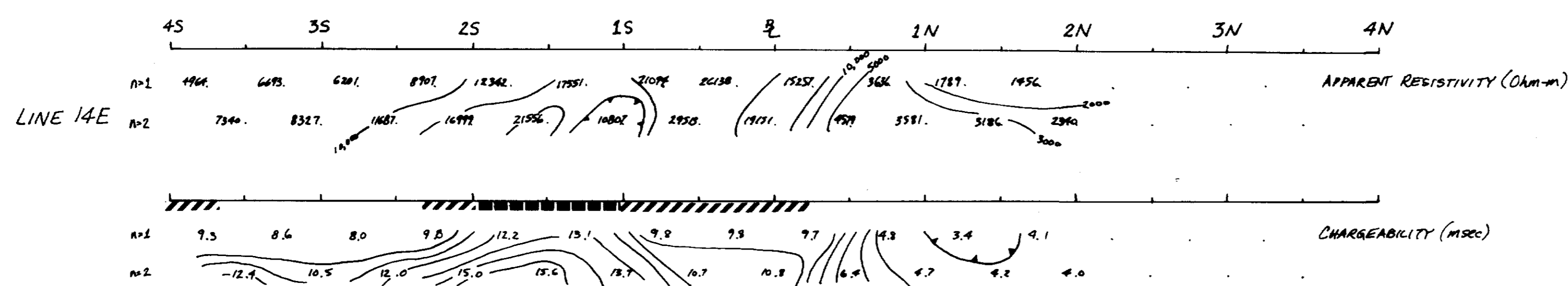
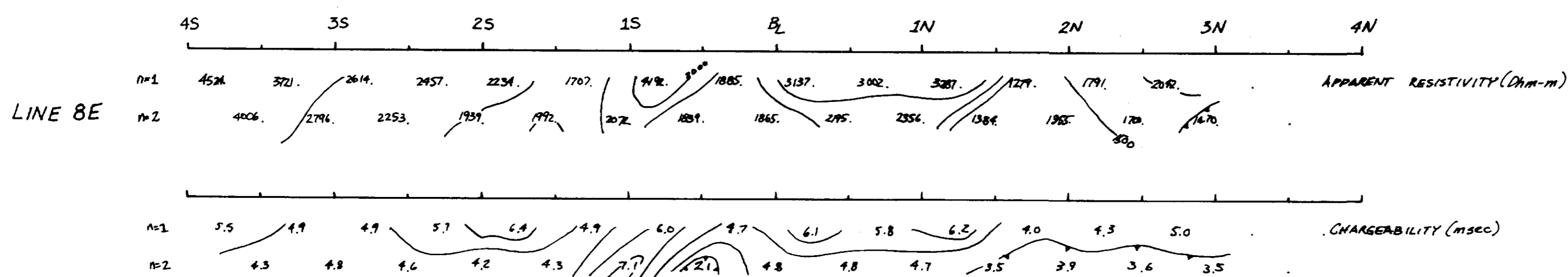


CHARGEABILITY (MS20)

APPARENT RESISTIVITY (Ohm-m)



320508019 2 9625 TRACKERY



LEGEND:

Interpretation
IP Anomaly

weak
moderate
strong

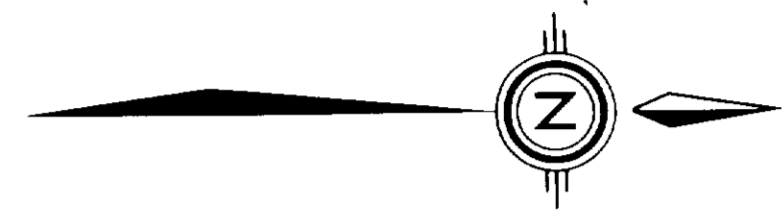
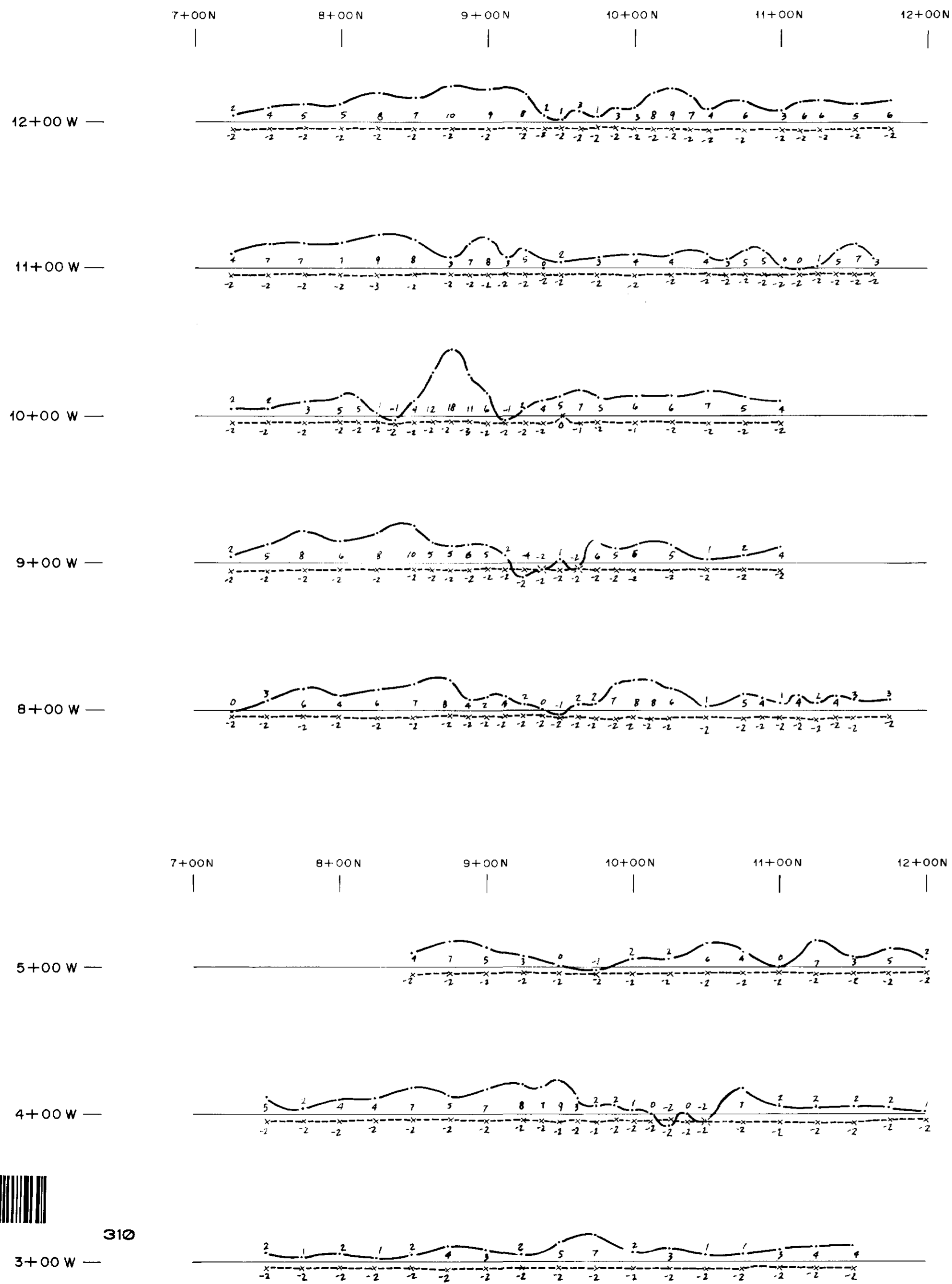
POLE - DIPOLE
C, SOUTH OF P₁P₂
a = 50m
Tx = HUNTEX MK 4 7.5KW
Rx = HUNTEX MK 4

29625

Shum NOV 1 1986

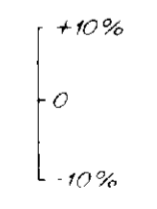
TELGAR PROPERTY		EXPLORATION	
Drawn by: B. L. J. M.	Traced by: A. M. R. V. J. M.	GRID 3	
Revised by:	Revised by:	I.P. SURVEY n=1,2. a=50m.	
Date:	Date:	Scale: 1:2500	
Date:	Date:	Date: OCTOBER, 1986	
Date:	Date:	Plate: 11	





LEGEND

Instrument: APEX Parametrics MaxMin II
 Coil Separation: 50m.
 Frequency: 444 Hz.
 In-phase: ———— +6
 Quadrature: - - - - - - - - - - -7
 Horizontal Scale: 1:2,500
 Vertical Scale: 1cm. = 10%



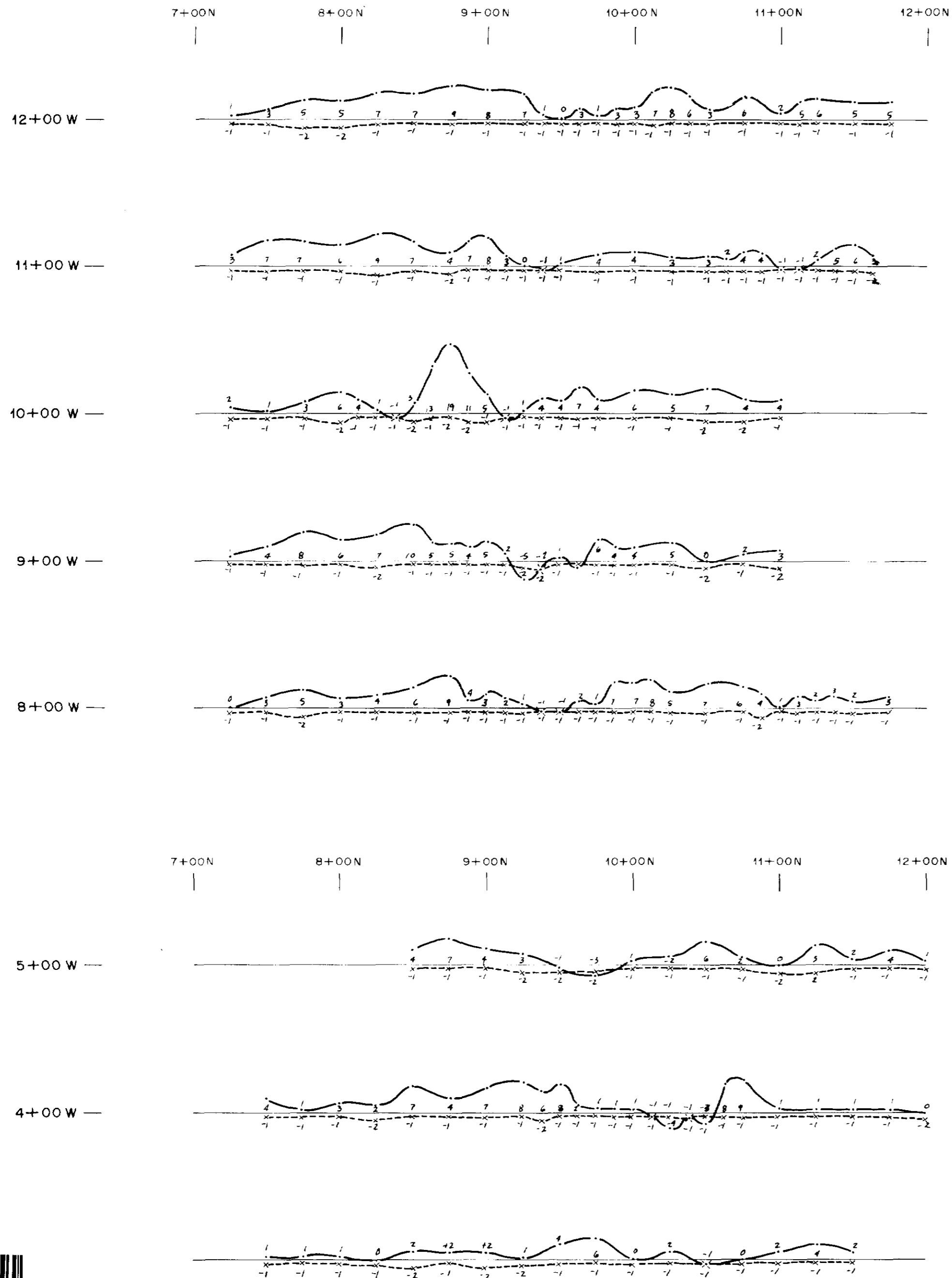
29625

NOV 14 1986
Shum



310

TELGAR Property		Comco	
Drawn by:	Traced by:	HLEM SURVEY 3W-5W, 8W-12W 444Hz - cs=50m	Grid 1 32-D-4
	REvised: A. H. PERVITIN NOV/86.		
			Plate: 12



LEGEND

Instrument: APEX Parametrics MaxMin II

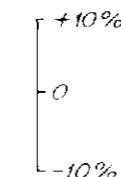
Coil Separation: 50m

Frequency: 1777 Hz

In-phase: ————
 Quadrature: - - - - -

Horizontal Scale: 1:2,500

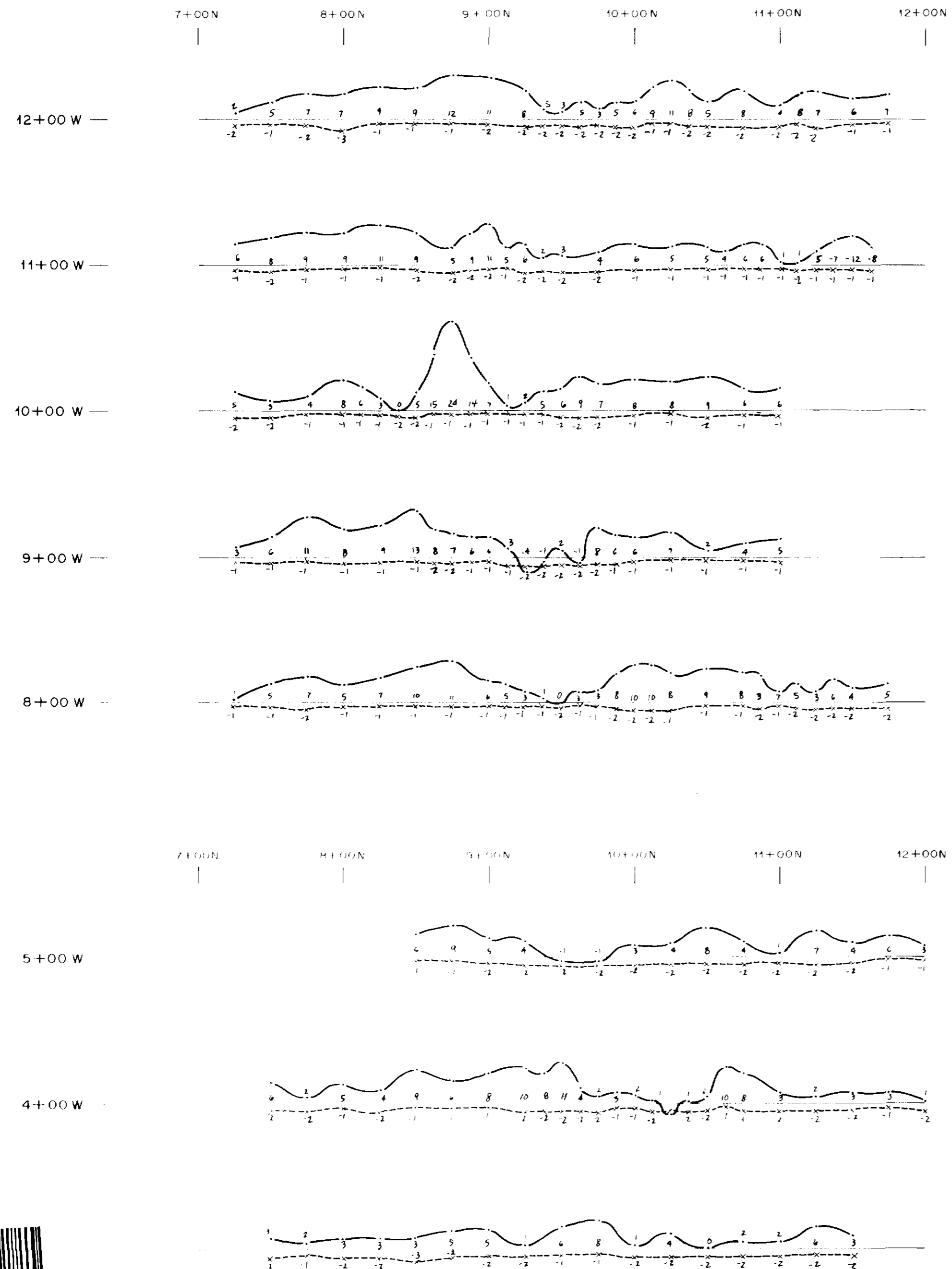
Vertical Scale: 1cm. = 10%



NOV 14 1986
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TELGAR Property		Cominco	
Drawn by:	Traced by:	HLEM SURVEY 3W-5W, 8W-12W 1777Hz - cs-50m	Grid 1 32-D-4
	REVISED: A. M. PERUITIAI NOV/86.		
Scale:	Date: Sept. 1986	Plate:	13





LEGEND

Instrument: APEX Parametrics MaxMin II

Coil Separation: 50m

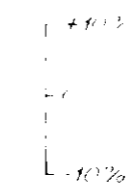
Frequency: 3555 Hz

In-phase: ———— +6

Quadrature: - - - - - 7

Horizontal Scale: 1:2,500

Vertical Scale: 1cm = 10%




29625

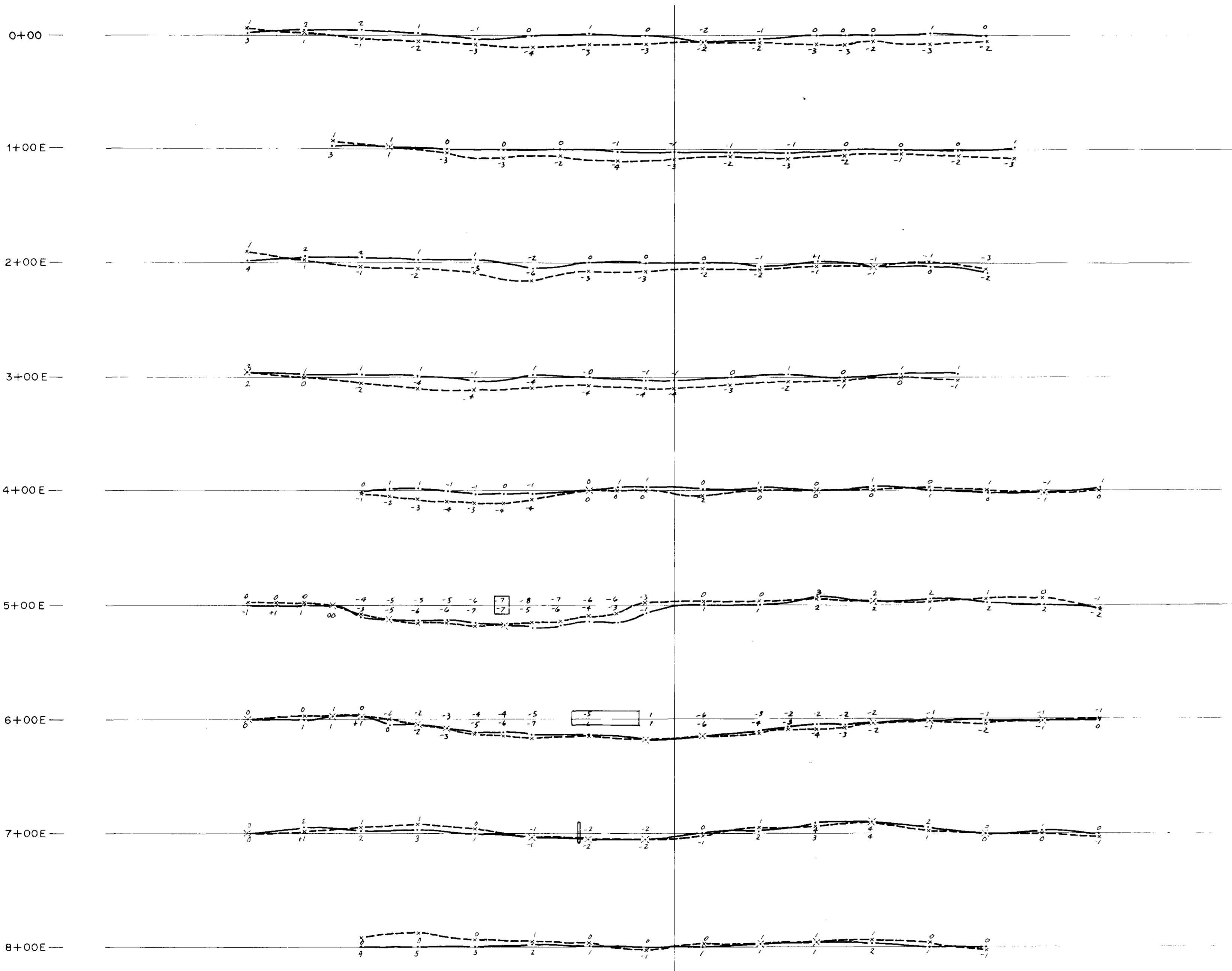
14 NOV 14 1986



330

TELGAR Property			
Drawn by:	Traced by:	HLEM SURVEY 3W-5W, 8W-12W 3555Hz - cs-50m	Grid 1
	REVISED: A.M. PERVITHI Nov/86		
Scale:	Date: Sept. 1986	32-D-4 Plate: 14	

5+00S 4+00S 3+00S 2+00S 1+00S BL 1+00N 2+00N 3+00N 4+00N 5+00N



LEGEND

Instrument: APEX Parametrics MaxMin II

Coil Separation: 250m.

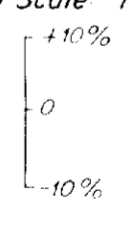
Frequency: 444 Hz

In-phase: +1

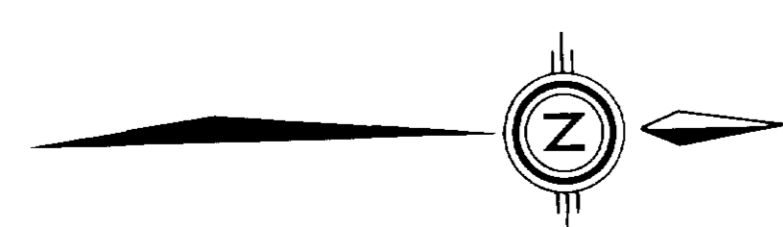
Quadrature: -2

Horizontal Scale: 1:2,500

Vertical Scale: 1cm = 10%



Conductor:



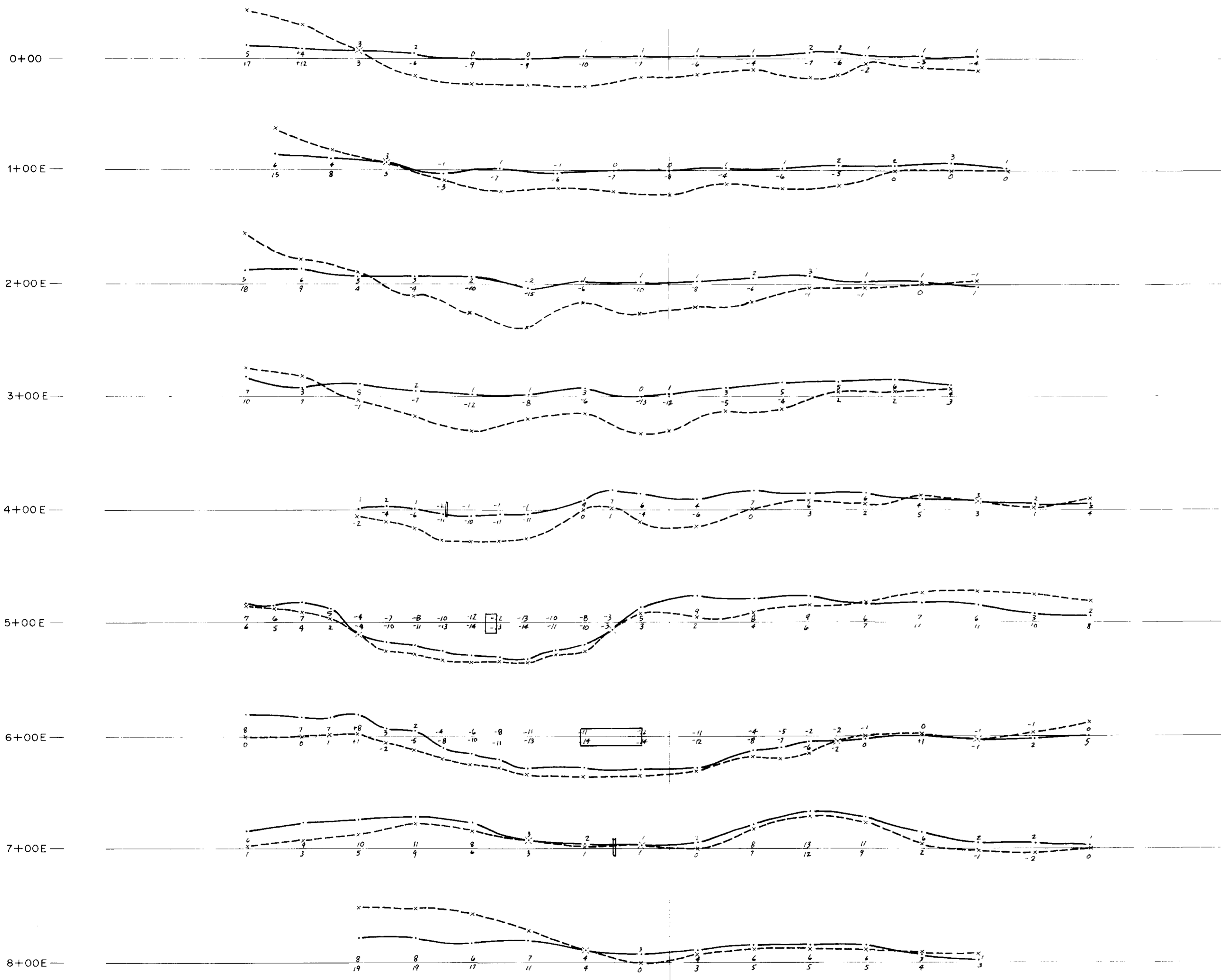
29625

Alum 14/1986



TELGAR Property			
Drawn by:	Traced by:	HLEM SURVEY	Grid 2
	REVISED: 4-14-1986 ALM/RC		
		OE - 8E 444Hz - cs=250m	32-D-4
Scale:	Date: Sept 1986	Plate:	15

5+00S 4+00S 3+00S 2+00S 1+00S HL 1+00N 2+00N 3+00N 4+00N 5+00N



LEGEND

Instrument APEX Parametrics MaxMin II

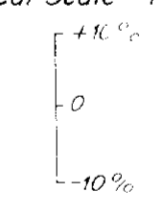
Coil Separation 250m

Frequency 1777 Hz

In-phase ——— +1
 Quadrature - - - - - -2

Horizontal Scale 1:2,500

Vertical Scale 1cm = 10%



Conductor —

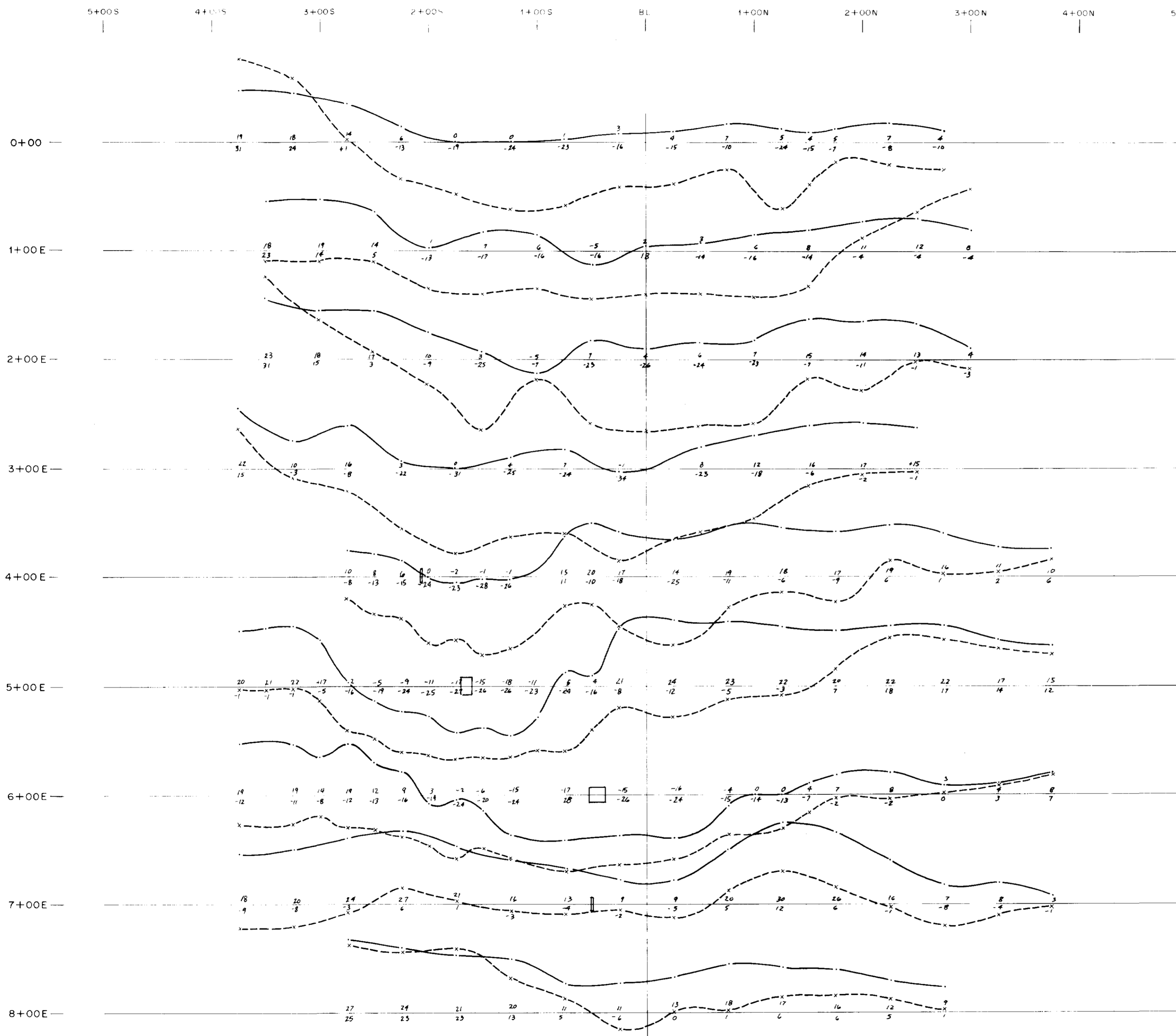
2.9625



REVISED 11/11/86
 PLM

TELGAR Property			
Drawn by	Traced by	HLEM SURVEY	Grid 2
	REVISED 11/11/86 PLM		
		OE - 8E 1777Hz - cs=250m	32-D-4
Scale	Date	Date	Plate
	Sept. 1986		16





LEGEND

Instrument: APEX Parametrics MaxMin II

Coil Separation: 250m.

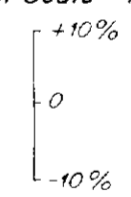
Frequency: 3555 Hz.

In-phase: ———— +1

Quadrature: - - - - - -2

Horizontal Scale: 1:2,500

Vertical Scale: 1cm = 10%



Conductor: □

29625



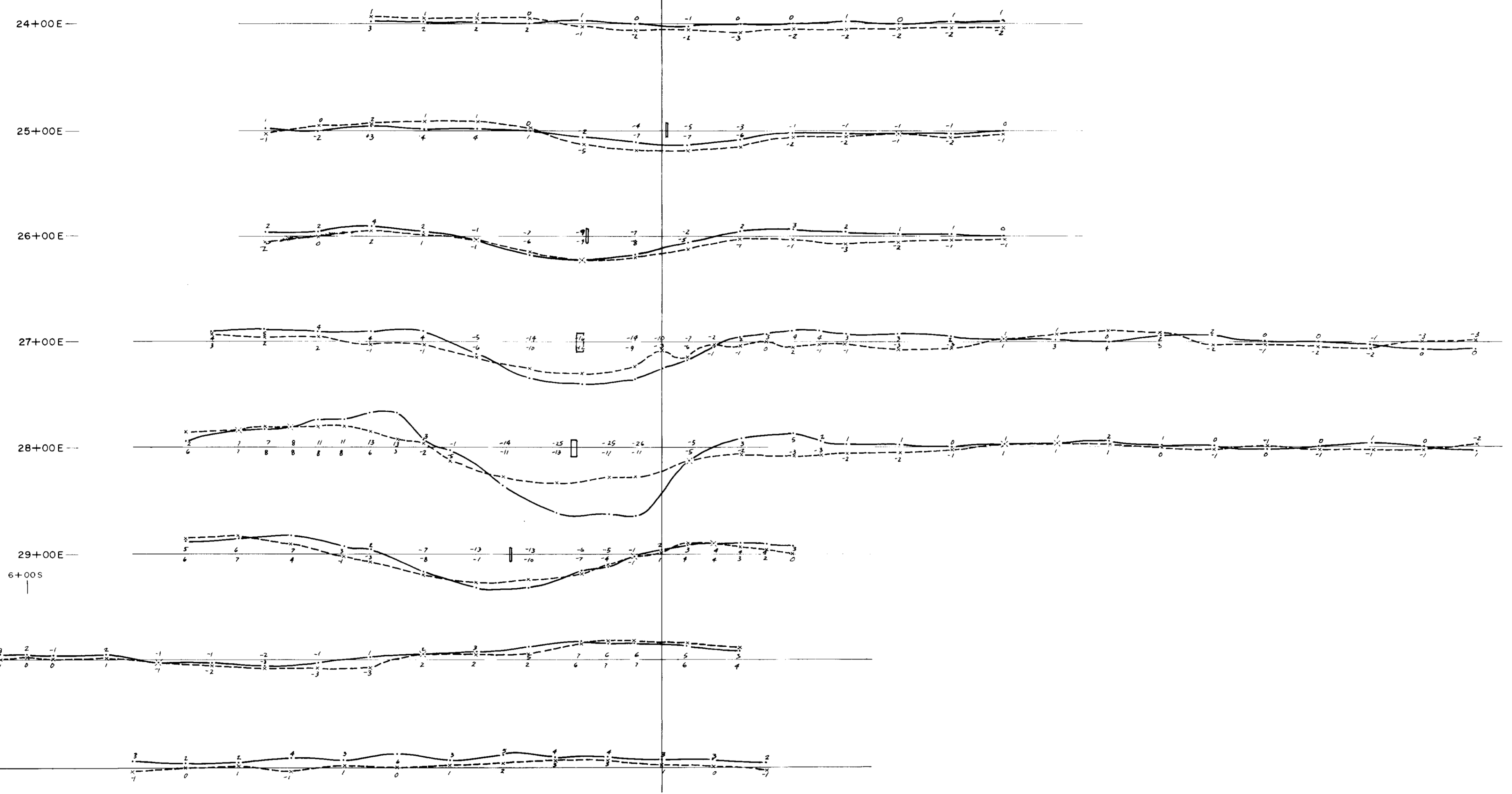
Sum NOV 14 1986



360

TELGAR Property			
Drawn by:	Traced by:	HLEM SURVEY	Grid 2
	REVISED: A. M. PEROTA Nov/86		
		0E - 8E	3555Hz - cs-250m
Scale:	Date: Sept. 1986	32-D-4 Plate: 17	

5+00S 4+00S 3+00S 2+00S 1+00S BL 1+00N 2+00N 3+00N 4+00N 5+00N 6+00N 7+00N 8+00N



LEGEND

Instrument: APEX Parametrics MaxMin II
 Coil Separation: 250 m.
 Frequency: 444 Hz.
 In-phase: ———— +1
 Quadrature: - - - - +3
 Horizontal Scale: 1:2,500
 Vertical Scale: 1cm = 10%
 +10%
 0
 -10%
 Conductor: ———— □

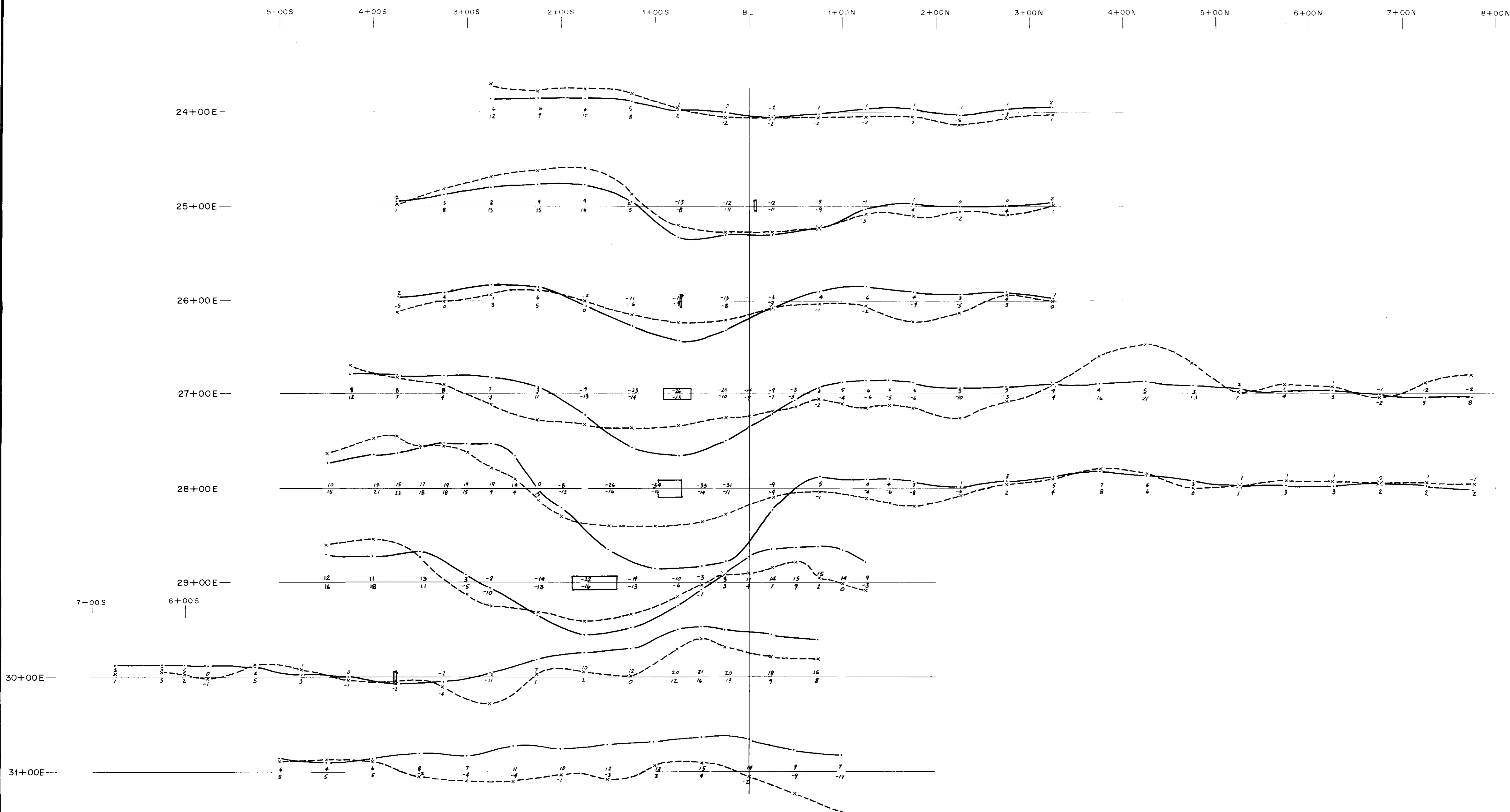


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NOV 14 1986
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TELGAR Property		HLEM SURVEY Lines 24E - 31E 444Hz - cs 250m	Grid 2
Drawn by:	Traced by: <i>REVISED-A.M. PERITIN</i> NDP/SC		
Scale:	Date: Sept 1986	Plate: 18	32-D-4



LEGEND

Instrument: APEX Parametrics MaxMin II

Coil Separation: 250m

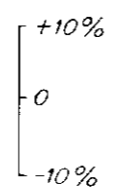
Frequency: 1777 Hz

In-phase: ———— +7

Quadrature: x—x—x— +3

Horizontal Scale: 1:2,500

Vertical Scale: 1cm = 10%



Conductor: ———— □ ————

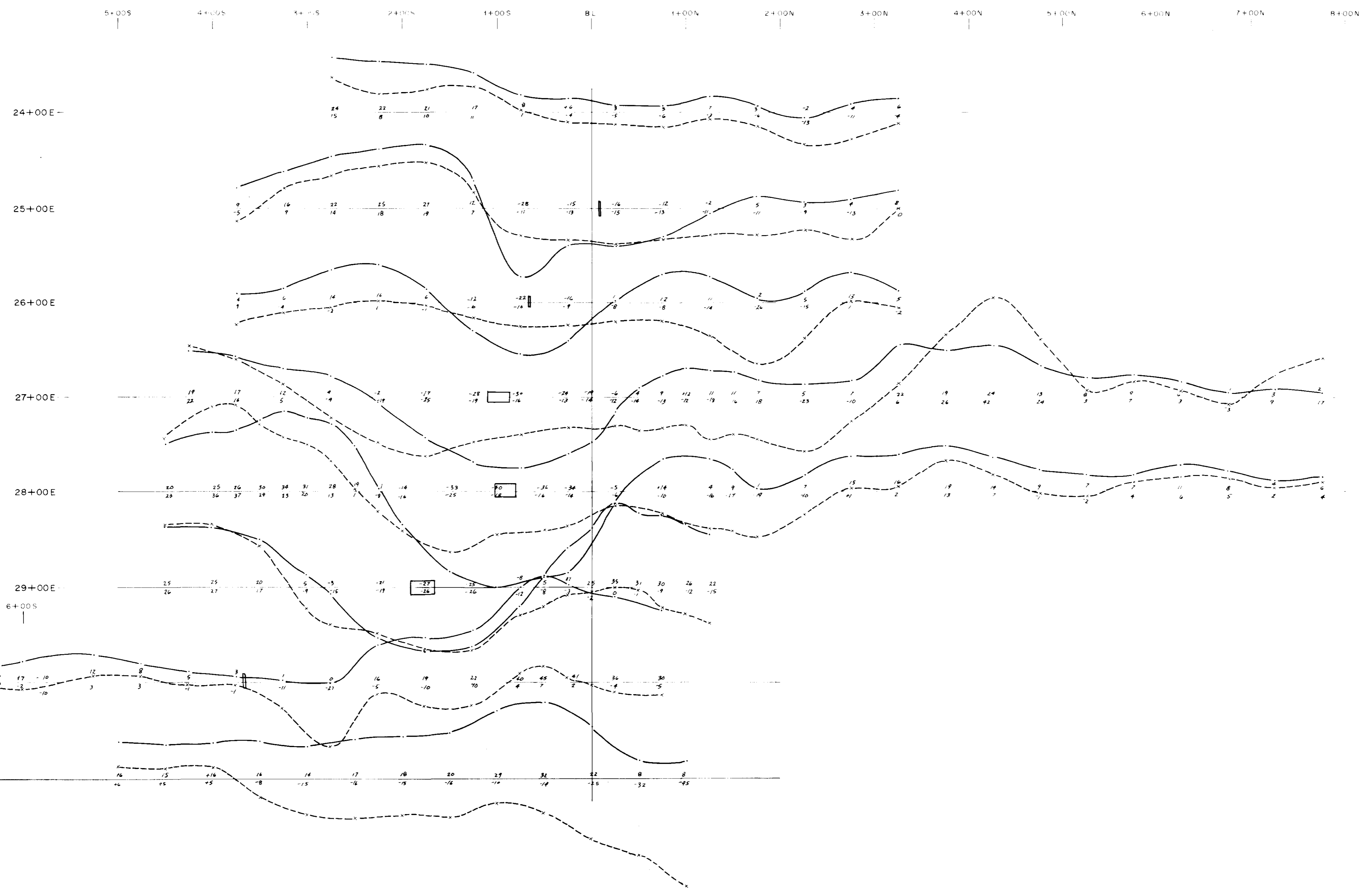


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TELGAR Property			
Drawn by:	Traced by:	HLEM SURVEY	Grid 2
	REVISED: A.M. PERUZZA 10/1/86		
		Lines 24E - 31E	
		1777E - cs 250m	
Scale:	Date: Sept. 1986	32-D-4 Plate: 19	





LEGEND

Instrument: APEX Parametrics MaxMin II

Coil Separation: 250 m.

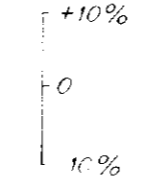
Frequency: 3555 Hz.

In-phase: ———— +7

Quadrature: - - - - +5

Horizontal Scale: 1 : 2,500

Vertical Scale: 1cm = 10%

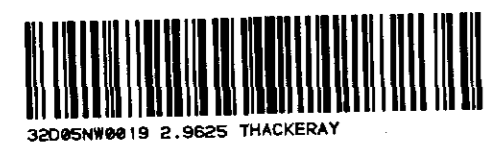


Conductor:



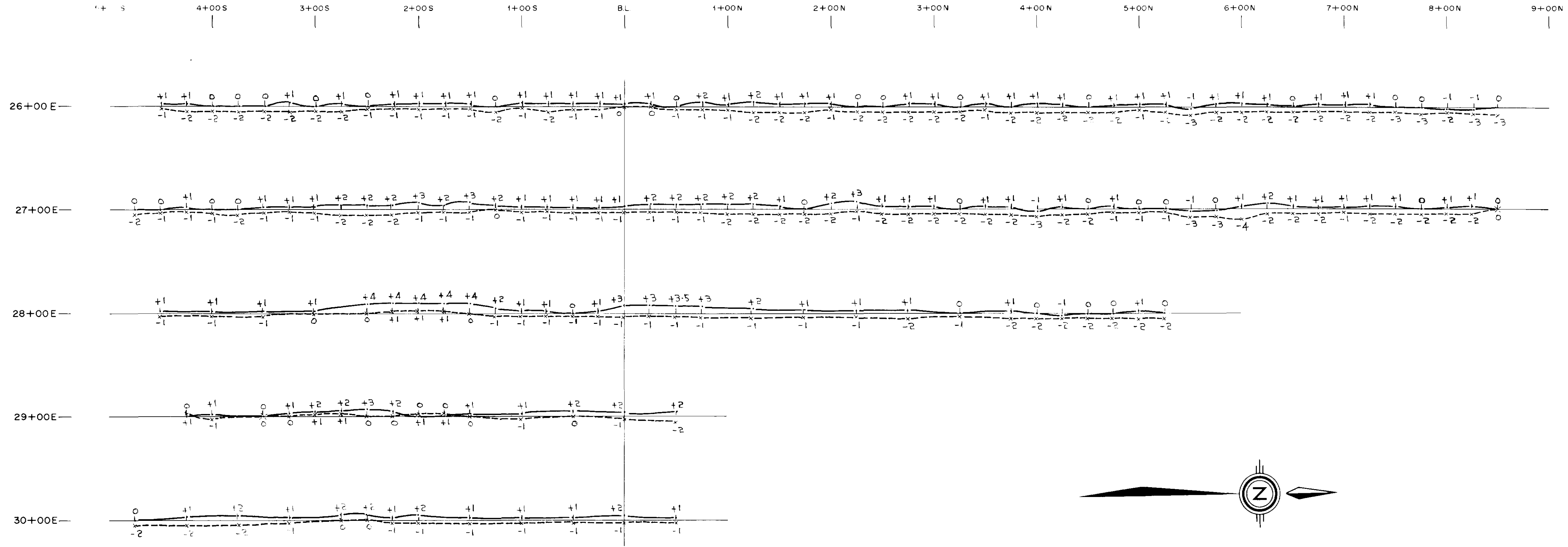
2.9625

NOV 14 1986
Plum



390

TELGAR Property			
Drawn by	Traced by	HLEM SURVEY	Grid 2
	<i>Revised A.M. Param. 11/1/86</i>		
		Lines 24E - 31E	32-D-4
		3555Hz - cs 250m	Plate 20
		Scale	Date: Sept 1986



LEGEND

Instrument: APEX Parametrics MaxMin II

Coil Separation: 100m.

Frequency: 444 Hz.

In-phase: ———— -3

Quadrature: - - - - - - -2

Horizontal Scale: 1:2,500

Vertical Scale: 1cm = 10%

+10%

0

-10%



29625

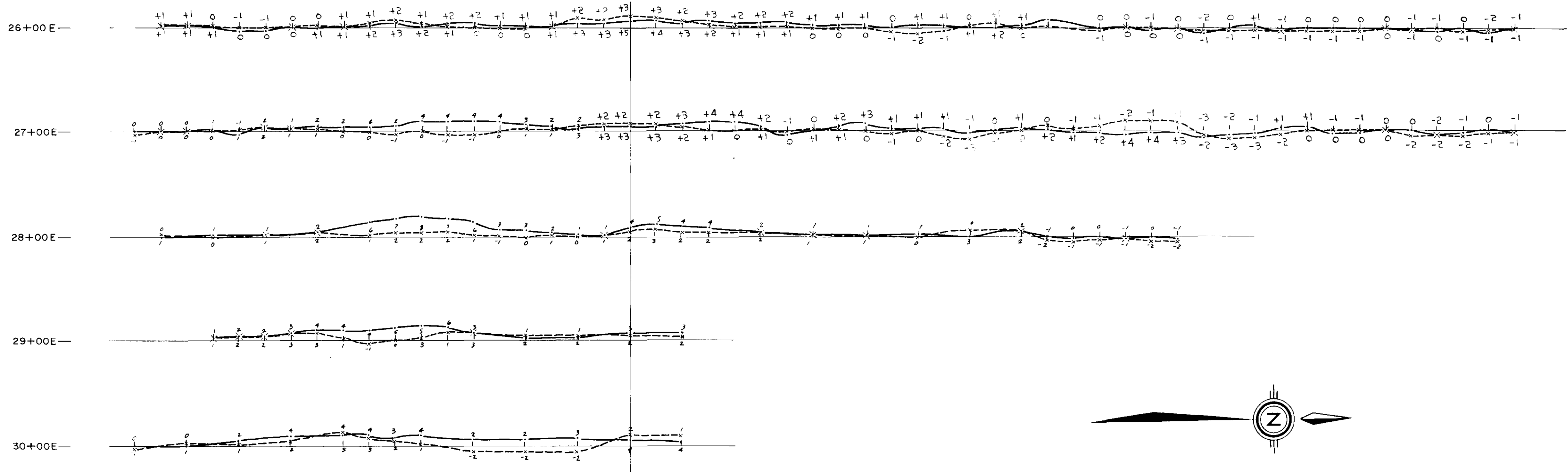
NOV 14 1986
Phum



400

TELGAR Property			
Drawn by:	Traced by:	HLEM SURVEY	Grid 2
		OE - 8E	444Hz - cs=100m
Scale:	Date: Sept. 1986	Plate: 21	32-D-4

5+00S 4+00S 3+00S 2+00S 1+00S BL 1+00N 2+00N 3+00N 4+00N 5+00N 6+00N 7+00N 8+00N 9+00N



LEGEND

Instrument: APEX Parametrics MaxMin II

Coil Separation: 100m

Frequency: 1777 Hz

In-phase: ———— -3

Quadrature: x----- -2

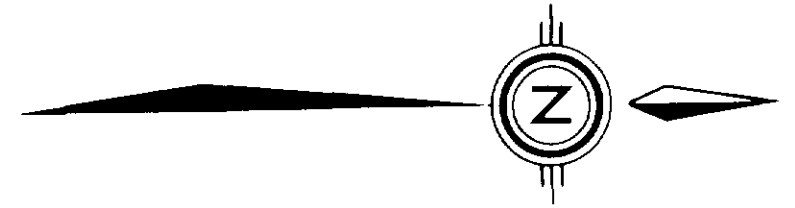
Horizontal Scale: 1:2,500

Vertical Scale: 1cm = 10%

+10%

0

-10%

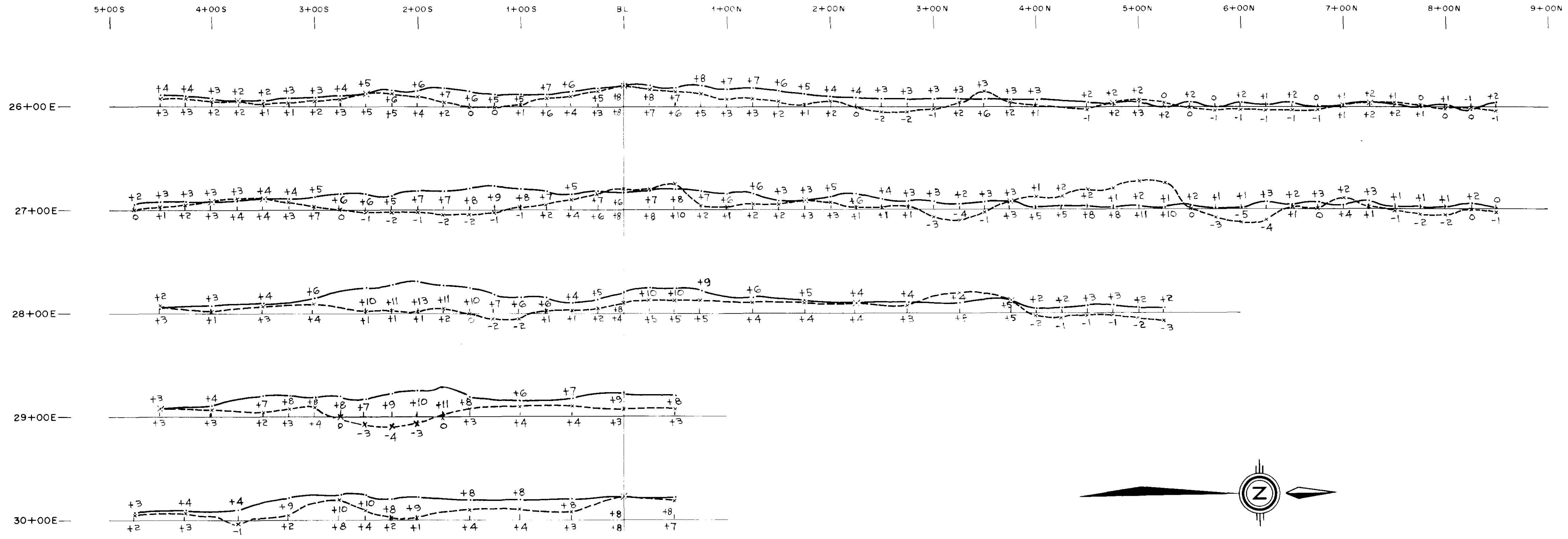


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NOV 14 1986
Plum



TELGAR Property			
Drawn by:	Traced by:	HLEM SURVEY	Grid 2
	REVISED BY: PARVATHIN NOV/86		
		OE - 8E	1777Hz - cs=100m
		Scale:	Date: Sept. 1986
			Plate: 22



LEGEND

Instrument: APEX Parametrics MaxMin II

Coil Separation: 100m

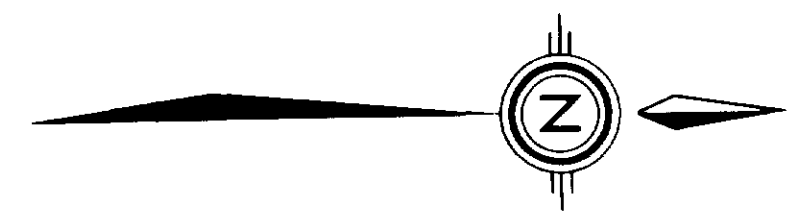
Frequency: 3555 Hz

In-phase: ——— -3

Quadrature: - - - - -2

Horizontal Scale: 1:2,500

Vertical Scale: 1cm = 10%



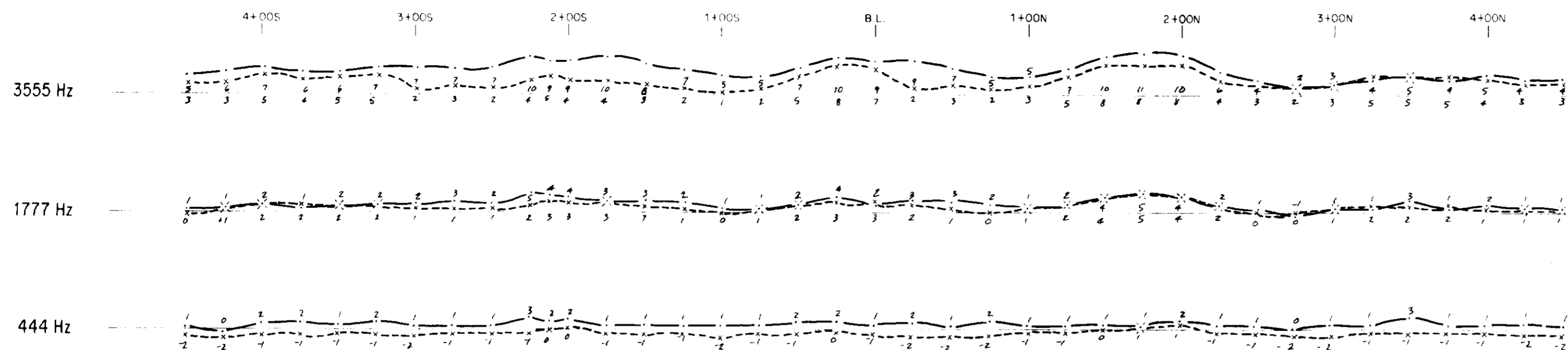
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Shenoy 4 1986



TELGAR Property			
Drawn by:	Traced by:	HLEM SURVEY	Grid 2
		OE - 8E	3555Hz - cs=100m 32-0-4
Scale:	Date: Sept. 1986	Plate:	

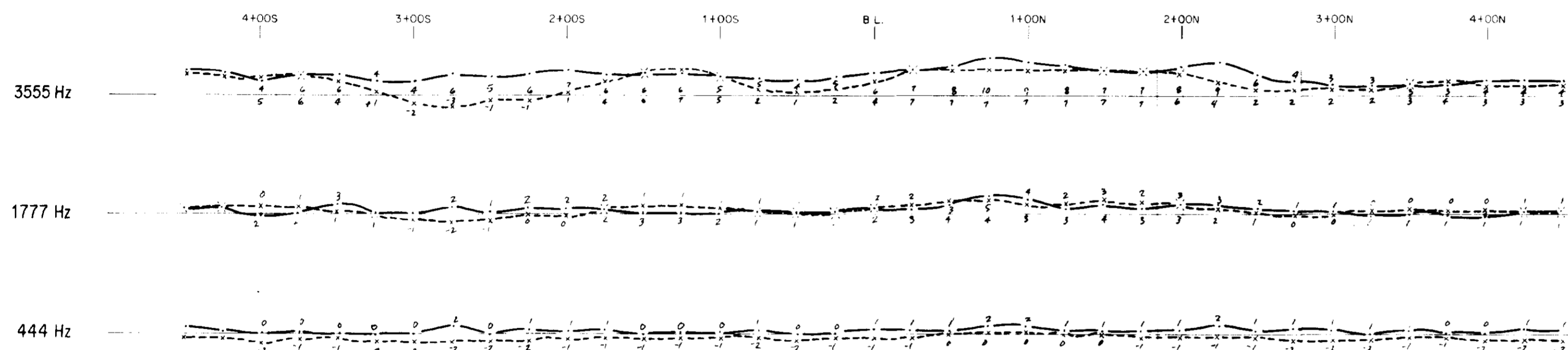
6+00E



Coil Separation
100m

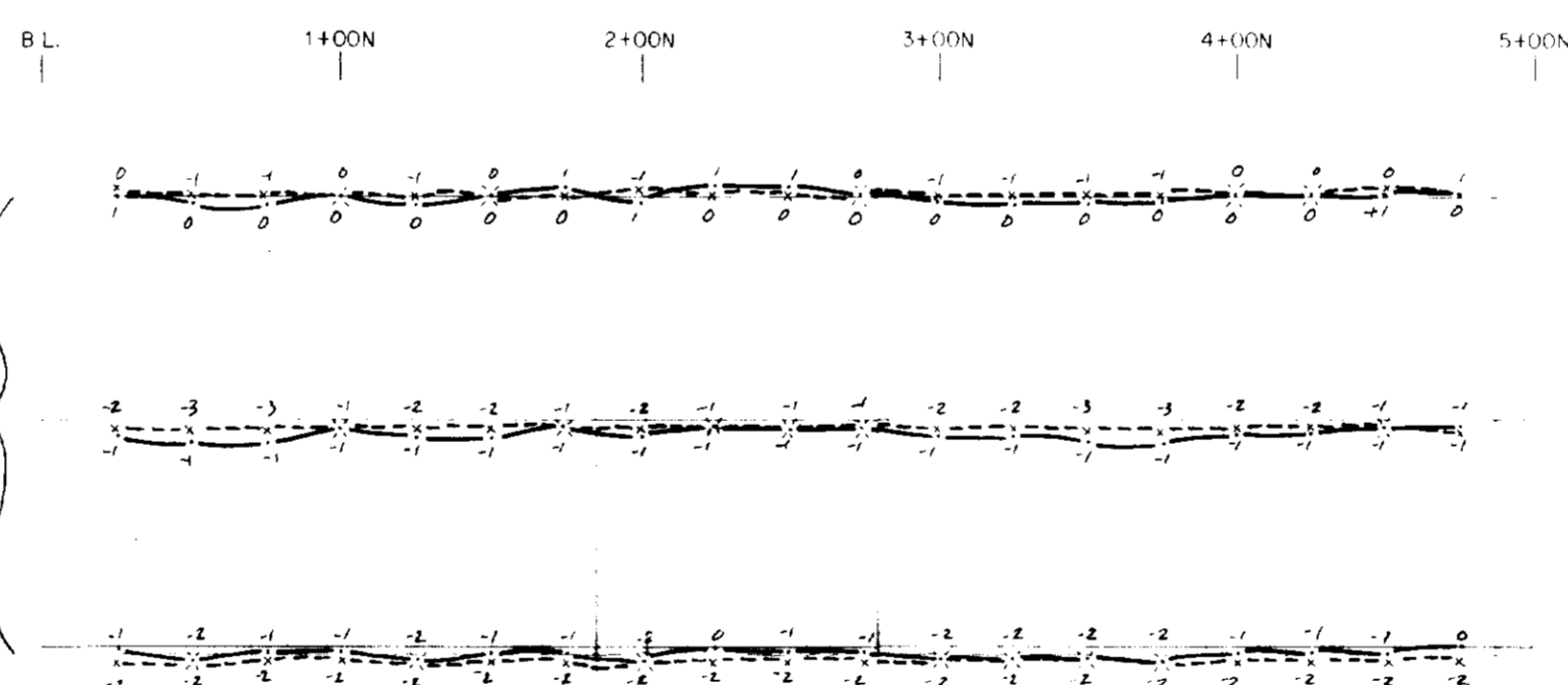


7+00E



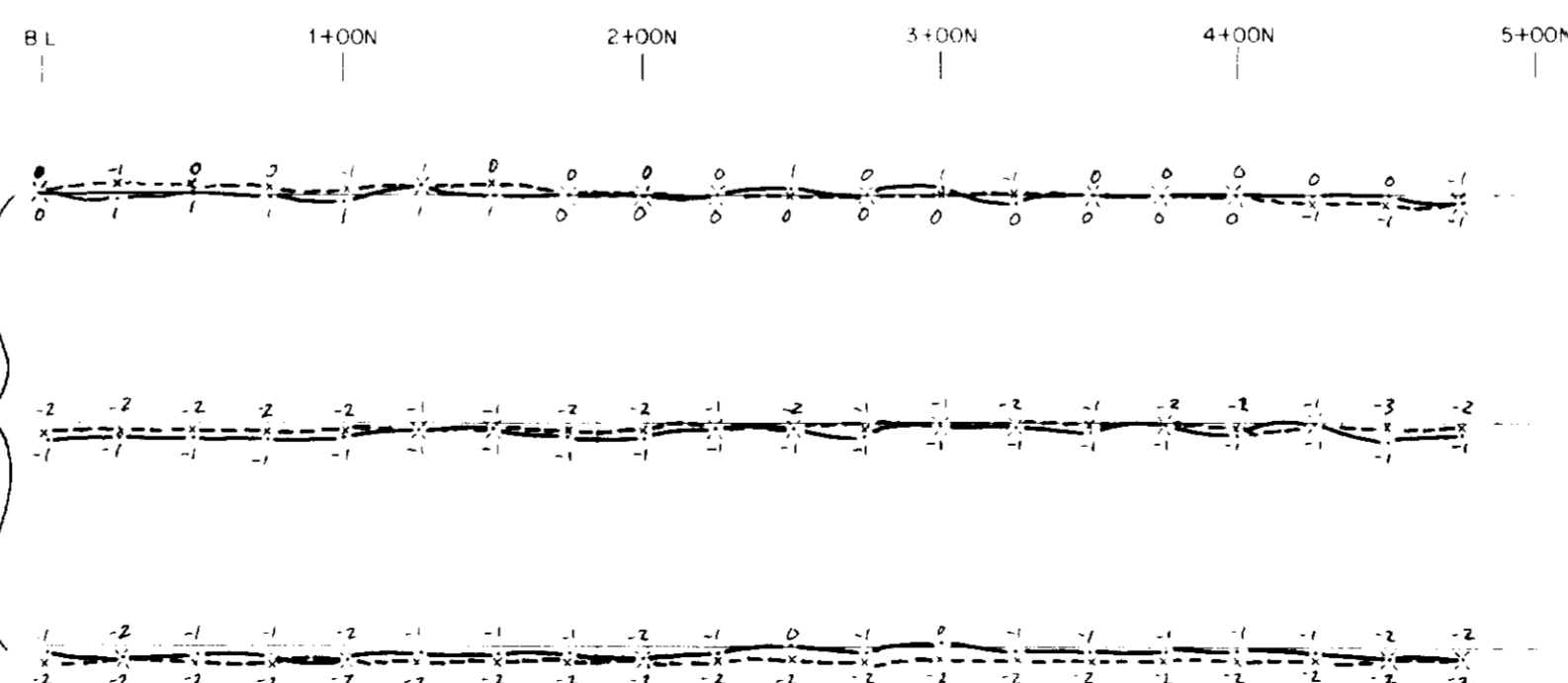
Coil Separation
100m

8+00E



Coil Separation
50m

9+00E



Coil Separation
50m

LEGEND

Instrument: APEX Parametrics MaxMin II

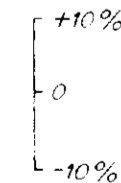
Coil Separation: & Frequency: As indicated

In-phase: ———— -4

Quadrature: x---x---x +3

Horizontal Scale: 1:2,500

Vertical Scale: 1cm.=10%



29625

Plum NOV 14 1986

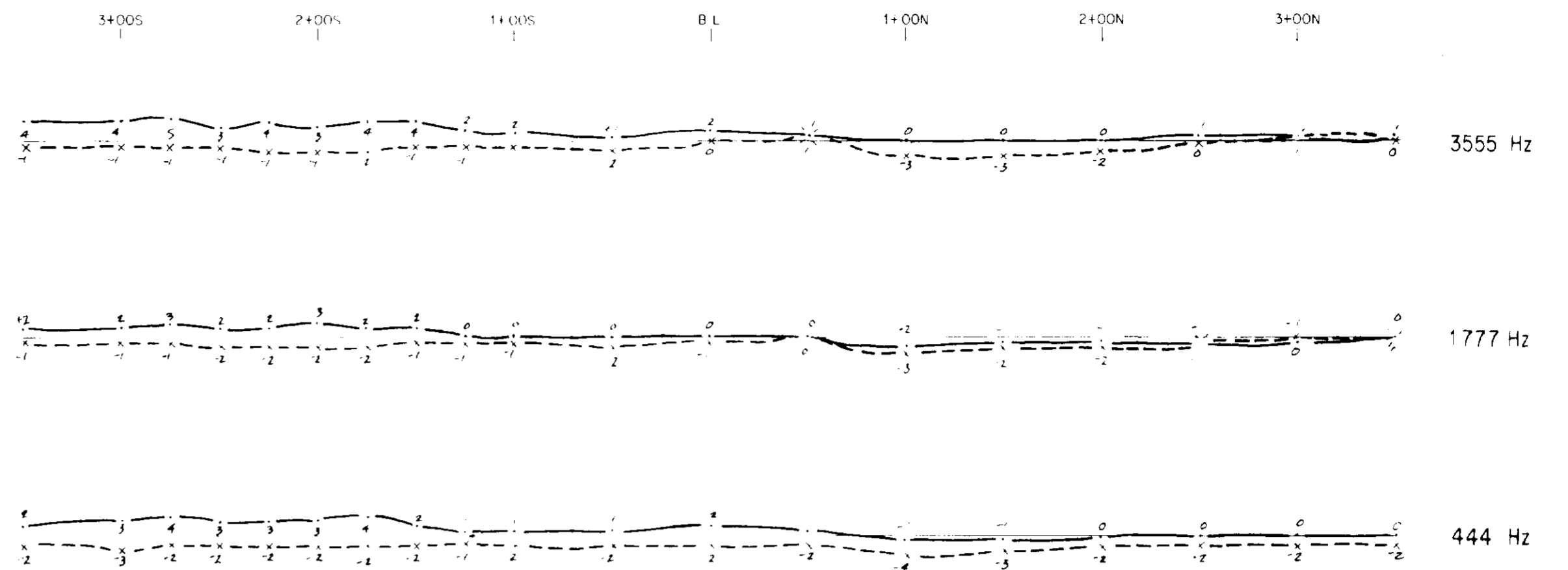


32005N0019 2.9625 THACKERAY

TELGAR Property			
Drawn by	Traced by	HLEM SURVEY Lines 6E, 7E, 8E & 9E cs=50m, 100m	Grid 2
Scale:	Date	Sept. 1986	Plate 25

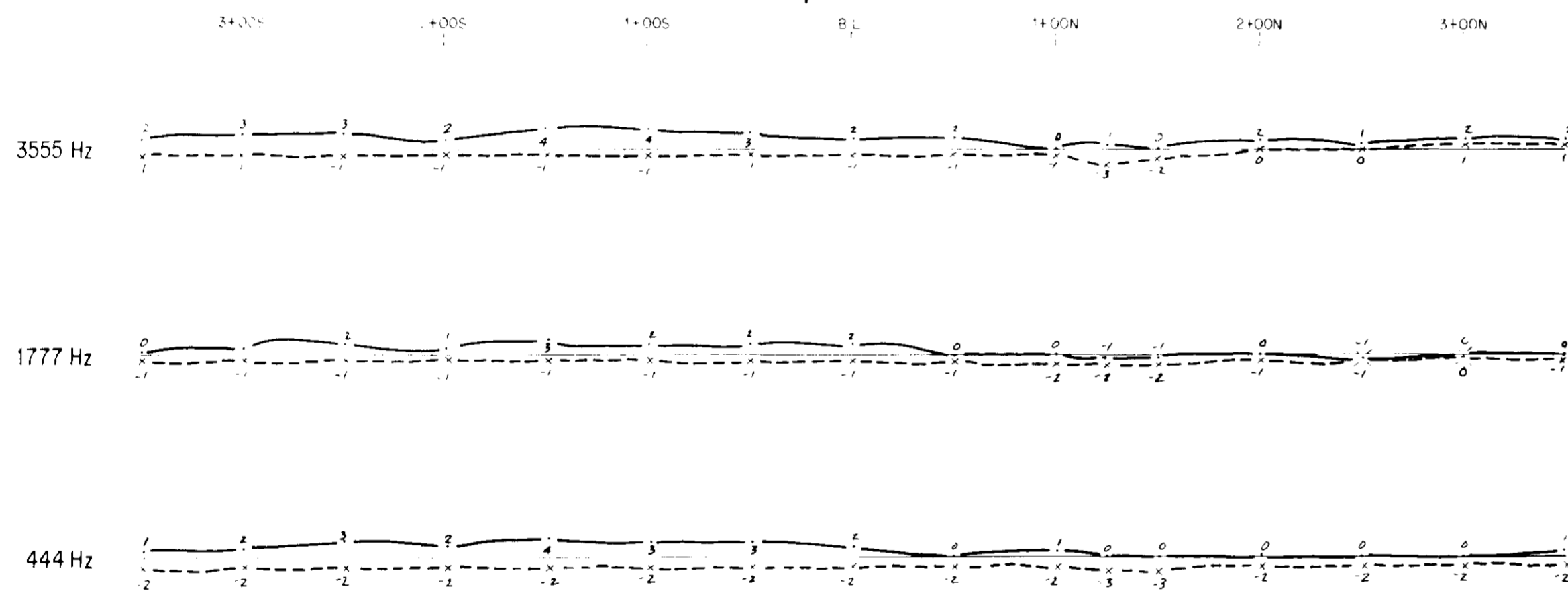
16+00E

Coil Separation 100m



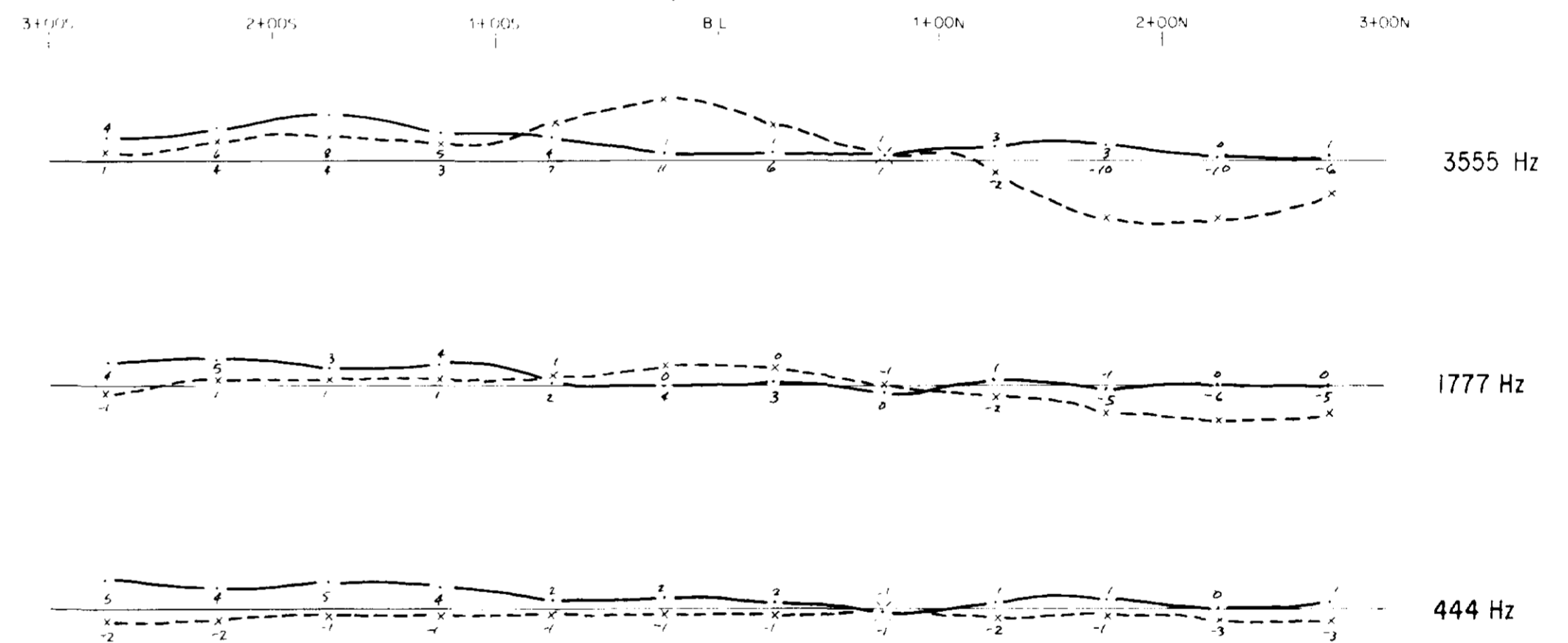
15+00E

Coil Separation 100m



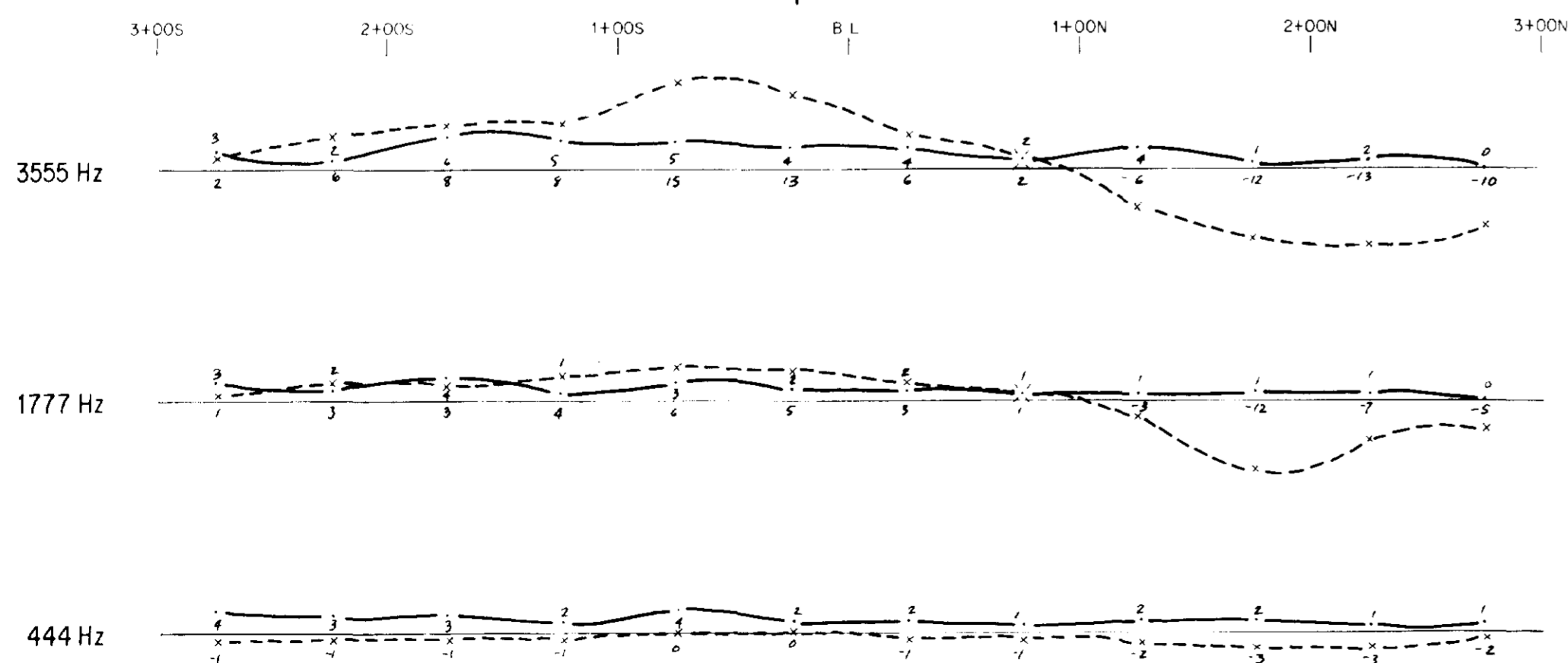
16+00E

Coil Separation 250m



15+00E

Coil Separation 250m



LEGEND

Instrument: APEX Parametrics MaxMin II

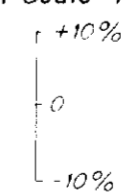
Coil Separation: & Frequency: As indicated

In-phase: ———— -2

Quadrature: x---x---x +5

Horizontal Scale: 1:2,500

Vertical Scale: 1cm = 10%



2.7625

Nov 14 1986

TELGAR Property		HLEM SURVEY Lines 15E & 16E cs 100m, 250m	Grid 3
Drawn by	Traced by		
		Scale:	Date: Sept. 1986
		Plate: 26	

