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MINING
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WHITEHORSE, Y.T.

A PROGRESS REPORT

ON

GROUND MAGNETIC, TURAM ELECTROMAGNETIC & GRAVITY SURVEYS

OVER

MYE-SARK, FAT, FIN & LISA GRIDS

FOR

CYPRUS ANVIL MINING CORPORATION

Vancouver, British Columbia

BY

PETER E. WALCOTT & ASSOCIATES LIMITED

Vancouver, British Columbia

DECEMBER 1976

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APR 25 1977
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WHITEHORSE, Y.T.

Office Of The Supervising Mining Recorder
APR 22 1977
WHITEHORSE
Yukon Territory

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of
$ 68,386.81

a/Resident Geologist or
~~Resident Mining Engineer~~

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

B. R. BAXTER
Supervising Mining Recorder

per Commissioner of Yukon Territory

A Progress Report

on

Geophysical Surveys

AM, FAT, FIN, JET, LISA, MX, SARK, TAF,
TIM & ZAN Claims
(62° 20' N, 133° W)
N.T.S. 105-K-6 & 7

Claims Surveyed:

AM	1 - 2
FAT	26,28,30,32-36,41-56,71-79, 81,83,101,103,129,130
FIN	3-48,50,52,54
JET	20,22,24,50,52-64,93,95,97-104
LISA	7-12,14,21-28,40-42
MX	4,6,119,182-185
SARK	1-40
TAF	23-38
TIM	3,5,9-32,178-181
ZAN	1-26,28,33-36,41-44

Survey Dates: June 22nd - October 31st, 1976

by

PETER E. WALCOTT, P.Eng.

TABLE OF CONTENTS

	Page
INTRODUCTION	1
PROPERTY LOCATION	2
SURVEY SPECIFICATIONS	3
PROGRESS OF SURVEY TO DATE	4

APPENDIX

~~COST OF SURVEY TO DATE .....~~	~~I~~
~~PERSONNEL EMPLOYED ON SURVEY .....~~	~~II~~
~~CERTIFICATION .....~~	~~III~~
LIST OF CLAIMS	IV

ACCOMPANYING MAPS

CLAIM & GRID LOCATION MAPS	- 2 MAPS	Scale 1" = 200'
MAGNETIC SURVEYS	- 4 MAPS	" 1" = 400'
TURAM SURVEYS	- 4 MAPS	" 1" = 400'
GRAVITY SURVEY	- 15 MAPS	" 1" = 200'

PROGRESS REPORT - February 28th, 1977

Due to a breakdown in late December of the Wild photo mapper of Northwest Survey Corporation, the company contracted to do the aerial photography and prepare the orthophoto, and to difficulties in getting the replacement parts from Switzerland for the same, the orthophotos scheduled for a mid February delivery have been repromised with a six week delay.

INTRODUCTION

Between June 22nd and October 31st, 1976, Peter E. Walcott and Associates Limited carried out ground magnetic, Turam electromagnetic and gravity surveys over parts of the FAT, FIN, JET, LISA, MX, SARK, TAF, TIM and ZAN claims held by Cyprus Anvil Mining Corporation.

The surveys were carried out in part or in whole over four separate grids known as the Mye-Sark, Fat, Fin & Lisa grids respectively in which the lines were cut 800 feet apart, and chained and picketed at 100 foot intervals.

Readings of relative vertical intensity of the earth's field were taken every 100 feet along the picket lines using fluxgate magnetometers in the case of the magnetic survey.

On the Turam survey measurements of field strength and phase difference were made every 100 feet along the lines with S.E. 71 electromagnetic units operating at a frequency of 400 Hz and using a coil separation of 100 feet.

Measurements of relative gravity were also made every 100 feet along the picket lines over most of the grids. In addition elevations at each of the gravity stations were obtained with theodolites and rods using the stadia method.

Easily recognisable intersections on the line grids were also targeted, and then the claim area was subsequently photographed in order to produce an accurate line grid on which to plot the data, and to carry out the necessary terrain corrections for the gravity survey.

As of yet this grid plot has not been obtained so that the magnetic and Turam E.M. data have been plotted on rectilinear grids, and the gravity data in profile form for preliminary examination of the results.

PROPERTY, LOCATION & ACCESS

The property is located in the Whitehorse Mining District and consists of the claims as listed in Appendix IV of this report.

The claims are situated on the north flank of the Anvil Arch about 8 miles northeast of the Anvil Mine, Yukon Territory.

Access is obtained by means of helicopter from the town of Faro, Yukon Territory.

SURVEY SPECIFICATIONS.

The magnetic survey was carried out using two fluxgate magnetometers, a McPhar M 700 model and a Scintrex MF-2 model respectively. These instruments measure variations in the vertical component of the earth's magnetic field to an accuracy of ± 10 gammas. Corrections for diurnal variations were made by tying in to previously established base stations at intervals not exceeding two hours.

The Turam electromagnetic survey was carried out using two S.E. 71 electromagnetic units. The primary field was set up by closed inductive loops laid on the ground. Two receiver coils connected by a lightweight shielded cable to a compensator amplifier are used to measure the distortions in the electromagnetic field. The quantities measured are:

1. the ratio of the field strength at each coil and

2. the phase difference in the fields at the two coils.

Large rectangular loops 3000' to 4800' wide and 2000' to 3000' deep were used on the survey with the loops to the south on the assumed footwall side of the formations.

Readings were taken every 100 feet along the picket lines perpendicular to the long side of the loops with a 100 foot coil separation and using a frequency of 400 Hz.

The gravity surveys were carried out using two Scintrex CG-2 meters, a Sodin meter and a Lacoste meter respectively. These instruments measure variations in the earth's gravitational field to an accuracy of ± 0.01 milligals.

Values of observed gravity were obtained every 100 feet along the picket lines. Corrections for meter drift were made by tying-in to previously established base stations at intervals not exceeding 2 to 3 hours in the case of first and second instrument models with drifts over 0.10 milligals per hour unallowable, while in the case of the Lacoste meter corrections were made from re-occupying the same base station in the morning and at night (drifts monitored by checking repeatability at various base stations and intersections).

Corrections were also applied for the small difference in the observed gravity on the respective meters due to the different gravity standards in the calibration of the meters by running three different profiles with substantial elevation relief with each meter in turn.

SURVEY SPECIFICATIONS cont'd

The elevations of the gravity stations were determined by rod and transit (Sokkisha TM 20C and Wild T1-A theodolites using the stadia method. Errors in the tying-in of loops were kept to a minimal, and did not exceed 1.0 feet per loop with the exception of the western extremity fo the Mye Sark grid where closures of up to 2.0 feet resulted from needing to take 40° to 45° shots up the cliffs associated with Anvil Creek.

Corrections were then applied to the observed gravity values for difference in elevation using a density of 2.7 gm/cc, i.e. an elevation correction factor of 0.060, and latitude.

These Bouguer values were then plotted.

PROGRESS OF THE SURVEY TO DATE.

As of December 31st, 1976 some 147 miles of magnetic surveying, some 122 miles of Turam surveying and some 124 miles of gravity coverage was carried out and the data reduced.

The magnetic and Turam data were plotted on rectilinear grids with the former to be replotted on the new grid obtained from the planned orthophoto work.

The gravity and elevation data were plotted in profile form on individual line profiles pending proper horizontal positioning on the new base map. On the acquisition of this terrain corrections will be carried out and Bouguer and residual maps prepared.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LIMITED

Peter E. Walcott, P.Eng.
Geophysicist

Vancouver, B.C.

December 31st, 1976

APPENDIX

COMPANY ..... CLAIM ..... AREA ..... MINING DISTRICT ..... N.T.S. .....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
JOINT VENTURE - METALLGESELLSCHAFT -			North Anvil					Assess. Work Filed
TAF -(Cyprus Anvil - 100%)								Date: Feb.27,1976
23-24	Y62473-Y62474	2			Cyprus Anvil	May 10, 1976	Mar. 1, 1979	Amount: $3,405.96
25-38	Y62483-Y62496	14			"	"	Mar. 1, 1979	Type: Clean-up of drill site
JET -(Cyprus Anvil 87½%; Mercury Explor. 5%; Giant Yellowknife 7½5)								Payment in lieu on all remaining claims.
20	Y3161	1			Cyprus Anvil	May 10, 1976	Sept.17,1978	
22	Y3163	1			"	"	Sept.17,1978	* * * * * * * * *
24	Y3165	1			"	"	Sept.17,1978	
50	Y3191	1			"	"	Sept.17,1978	Assess. Work Filed
52-63	Y3193-Y3204	12			"	"	Sept.17,1978	Date: Sept. 1976
64	Y3205	1			"	"	Sept.17,1978	Amount: $23,761.54
93	Y3234	1			"	"	Mar. 17,1979	Type: Linecutting
95	Y3236	1			"	"	Mar. 17,1979	* * * * * * * *
97-104	Y3238-Y3245	8			"	"	Mar. 17,1979	
MX -(Cyprus Anvil 95%; Mercury Explor. 5%)								Assess. work filed
4	Y30500	1			Cyprus Anvil	May 10, 1976	Sept.11,1978	Date: Jan. 21,1977
6	Y30502	1			"	"	Sept.11,1978	Amt.: $8,308.54
178-181	Y30637-Y30640	4			"	"	Mar. 1, 1979	Type: Linecutting Helic. costs
182-185	Y30641-Y30644	4			"	"	Mar. 1, 1979	CERTIFICATES OF WORK NOT RECEIVED
119	Y30591	1			"	"	Mar. 1, 1979	
AM -(Cyprus Anvil 95%; Mercury Explor. 5%)								
1-2	Y63877-Y63878	2			Cyprus Anvil	May 10, 1976	Mar. 1, 1979	

Continued

COMPANY ..... CLAIM ..... AREA ..... MINING DISTRICT ..... N.T.S. .....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
Page 2								
METALLGESELLSCHAFT JOINT VENTURE								
TIM	-(Cyprus Anvil	95%; Mercury Exploration	5%)					
3	Y32099	1			Cyprus Anvil	May 10, 1976	Mar. 1, 1979	
5	Y30301	1			"	"	Mar. 1, 1979	
7	Y30303	1			"	"	Mar. 1, 1979	
9	Y30305	1			"	"	Mar. 1, 1979	
10	Y30306	1			"	"	Mar. 1, 1979	
11	Y30307	1			"	"	Mar. 1, 1979	
12-20	Y30308-Y30316	9			"	"	Mar. 1, 1979	
21-24	Y30317-Y30320	4			"	"	Mar. 1, 1979	
25-30	Y30321-Y30326	6			"	"	Mar. 1, 1979	
31-32	Y30327-Y30328	2			"	"	Mar. 1, 1979	
ZAN	-(Cyprus Anvil	95%; Mercury Exploration	5%)					
1-8	Y25973-Y25980	8			Cyprus Anvil	May 10, 1976	Mar. 1, 1979	
9-12	Y25981-Y25984	4			"	"	Mar. 1, 1979	
13-14	Y25985-Y25986	2			"	"	Mar. 1, 1979	
15	Y26126	1			"	"	Mar. 1, 1979	
16	Y25987	1			"	"	Mar. 1, 1979	
17-20	Y25988-Y25991	4			"	"	Mar. 1, 1979	
21-24	Y25992-Y25995	4			"	"	Mar. 1, 1979	
26	Y26128	1			"	"	Mar. 1, 1979	
28	Y26130	1			"	"	Mar. 1, 1979	
33-36	Y26135-Y26138	4			"	"	Mar. 1, 1979	
41-44	Y26143-Y26146	4			"	"	Mar. 1, 1979	

COMPANY CYPRUS ANVIL ..... CLAIM LISA ..... PROPERTY OWNERSHIP Cyprus Anvil 90%
Ridgemont 10%
M.D. Whitehorse ..... N.T.S. 105-K-7 .....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
1-8	Y75073-Y75080	8	R. Bjork	March, 1973	Cyprus Anvil	May 27, 1976	Aug. 28, 1977	Assess. Work Filed Date: April, 1975 Amount: $4,066 Type: Linecutting (1 yr. filed on all but 39-41) * * * * * * * * * *
9-14	Y75081-Y75086	6	Penny Sills	March, 1973	"	"	Aug. 28, 1977	
15-22	Y75087-Y75094	8	P. Burke	March, 1973	"	"	Aug. 28, 1977	
23-28	Y75095-Y75100	6	S. Kanayama	March, 1973	"	"	Aug. 28, 1977	
29-36	Y80441-Y80448	8	G. Jilson	Aug. 28, 1974	"	May 10, 1976	Aug. 28, 1977	
37-38	Y80449-Y80450	2	A. Jilson	Aug. 28, 1974	"	"	Aug. 28, 1977	
39-41	Y80451-Y80453	3	A. Jilson	Aug. 28, 1974	"	"	Aug. 28, 1977	Assess. Work Filed Date: Sept. 5, 1975. Type: Linecutting Gravity (Common date 1-28 to Aug. 28 - 1 yr. 39-41) * * * * * * * * * *
								Assess. Work Filed Date: Sept. 1976 Amount: $4,372.50 Type: Linecutting * * * * * * * * * *

COMPANY ANVIL MINING ..... CLAIM FAT ..... PROPERTY OWNERSHIP Cyprus Anvil 60% Metall. 40% ..... Whitehorse M.D. ..... N.T.S. 105-K-6 .....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
26	Y78315	1	J. M. Graham	April 5/74	Cyprus Anvil	April 2/76	July 5/77	Assess. Work Filed
28	Y78317	1	J. M. Graham	April 5/74	"	"	July 5/77	Date: April 7th, 1975
30	Y78319	1	J. M. Graham	April 5/74	"	"	July 5/77	Amount: $6,351.00
32	Y78321	1	J. M. Graham	April 5/74	"	"	July 5/77	Type: Linecutting
33-36	Y78322-Y78325	4	E. Ennis	April 5/74	"	"	July 5/77	* * * * * * *
41-48	Y78330-Y78337	8	A. Russell	April 5/74	"	"	July 5/77	Payment in lieu of assess. work to common date for 3 mo. to July 5, 1976
49-56	Y78338-Y78345	8	B. Irving	April 5/74	"	"	July 5/77	
71-78	Y78360-Y78367	8	N. Welter	April 5/74	"	"	July 5/77	* * * * * * *
79-86	Y78368-Y78375	8	A. Hart	April 5/74	"	"	July 5/77	Assess. Work Filed
101-108	Y78390-Y78397	8	M. Barker	April 5/74	"	"	July 5/77	Date: July 9, 1976
109-114	Y78398-78403	6	O. Peel	April 5/74	"	"	July 5/77	Type: Linecutting (Fin claims)
129-130	Y78418-Y78419	2	J. F. Welter	April 5/74	"	"	July 5/77	* * * * * * *

COMPANY ...CYPRUS ANVIL..... CLAIM ....FIN..... PROPERTY OWNERSHIP Cyprus Anvil 60% Metall. 40% ..Whitehorse..... N.T.S. 105-K-7.....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
1-8	YA4214-YA4221	8	R. Hill	April 26, 1976	Cyprus Anvil	May 27, 1976	April 26/77	
9-16	YA4222-YA4229	8	L. Ladue	April 26, 1976	"	"	April 26/77	
17-24	YA4230-YA4237	8	G. MacMillan	April 26, 1976	"	"	April 26/77	
25-32	YA4238-YA4245	8	E. Albert	April 26, 1976	"	"	April 26/77	
33-40	YA4246-YA4253	8	R. Voisine	April 26, 1976	"	"	April 26/77	
41-48	YA4254-YA4261	8	R. Carlick	April 26, 1976	"	"	April 26/77	
49-54	YA4262-YA4267	6	L. Bill	April 26, 1976	"	"	April 26/77	

COMPANY CYPRUS ANVIL CLAIM SARK PROPERTY OWNERSHIP Cyprus Anvil 60% Metall. 40% M.D. Whitehorse N.T.S. 105-K-6

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
1-8	YA4315-YA4322	8	John McLeod	April 30, 1976	Cyprus Anvil	June 29, 1976	April 30/81	Assess. Work Filed Date: Sept, 1976 Amount: $23,761.54 Type: Linecutting
9-16	YA4323-YA4330	8	Don Lindgren	April 30, 1976	"	"	April 30/81	* * * * * * * *
17-24	YA4331-YA4338	8	Raymond Morin	April 30, 1976	"	"	April 30/81	
25-32	YA4339-YA4346	8	Hector Vallee	April 30, 1976	"	"	April 30/81	
33-40	YA4347-YA4354	8	A. Carlos	April 30, 1976	"	"	April 30/81	
41-42	YA4355-YA4356	2	Bernard L. Locke	April 30, 1976	"	"	April 30/81	Assess. Work Filed Date: Feb. 1977 Amount: $12,600.00 Type: Turam-Mag. Survey CERTIFICATES OF WORK NOT RECEIVED

EXISTING MAPPING BY
McELHANNEY SURVEYING & ENGINEERING LTD.

6763.' MOUNT MYE

6519.' Δ

LEGEND

CLAIM POSTS AND LEGAL SURVEYS
(Located in the field)

PRELIMINARY CLAIM POST AND LINE SURVEYS
(Located in the field)

APPROXIMATE PLAN OF CLAIM POST LOCATIONS
(Not located in the field)

Note: Claim posts with the indicated marker ⊣ have been located in the field, plotted onto 1974 photography and transferred to the orthophoto

MAP INDEX

ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
BRIDGES
PRIMARY STREAMS
SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D.H. SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS
SPOT ELEVATION IN FEET

CYPRUS ANVIL MINING CORPORATION

CLAIM SURVEYS

REVISED BY

62° 30' 00" 133° 15' 00"

22,740,000' N 310,000' E

22,720,000' N 133° 10' 00"

62° 25' 00"

290,000' E 22,740,000' N

320,000' E 22,710,000' N

22,730,000'

133° 20' 00"

280,000' E

22,700,000' N

22,720,000' N

310,000' E

62° 25' 00"

5000 4500 5500 4000

22,710,000' N

300,000' E

280,000' E 133° 20' 00" 22,700,000' N 290,000' E 133° 15' 00" 300,000' E

FARO 28 FARO 26 FARO 24 FARO 22 FARO 20

LEGEND

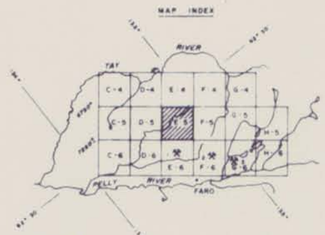
CLAIM POSTS AND LEGAL SURVEYS (Located in the field) — FARO 28

PRELIMINARY CLAIM POST AND LINE SURVEYS (Located in the field) — LORNA

APPROXIMATE PLAN OF CLAIM POST LOCATIONS (Not located in the field) — 206 UNL

Note: Claim posts with the indicated marker ⊣ have been located in the field, plotted onto 1974 photography and transferred to the orthophoto.

MAP INDEX



1 ANVIL MINE
2 AER & VANGORDA
3 SWIM LAKES

Scale 1" = 16 miles

ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
BRIDGES
PRIMARY STREAMS
SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D.H. SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS △ 5241
SPOT ELEVATION IN FEET • 5067

CYPRUS ANVIL MINING CORPORATION

CLAIM SURVEYS

REVISED BY

Scale 1" = 2000

N.T.S. 105K - 6
DRAWN BY C. L. C.
DATE NOV 15, 1976

CYPRUS ANVIL MINING CORPORATION

CLAIM SURVEYS

LEGEND

CLAIM POSTS AND LEGAL SURVEYS (Located in the field)

PRELIMINARY CLAIM POST AND LINE SURVEYS (Located in the field)

APPROXIMATE PLAN OF CLAIM POST LOCATIONS (Not located in the field)

Note: Claim posts with the indicated number + have been located in the field, plotted onto 1976 photography and transferred to the orthophoto.

MAP INDEX

1. ANVIL MINE
2. AEX & VANGORDA
3. SWIM LAKES

Scale 1" = 16 miles

ALL WEATHER ROADS

SECONDARY ROADS

TOTE TRAILS

BRIDGES

PRIMARY STREAMS

SECONDARY STREAMS

SWAMPS

CAMP LOCATIONS

DIAMOND D.H. SITES

ROTARY DRILL SITES

TRIANGULATION STATIONS △ 5241

SPOT ELEVATION IN FEET + 5067

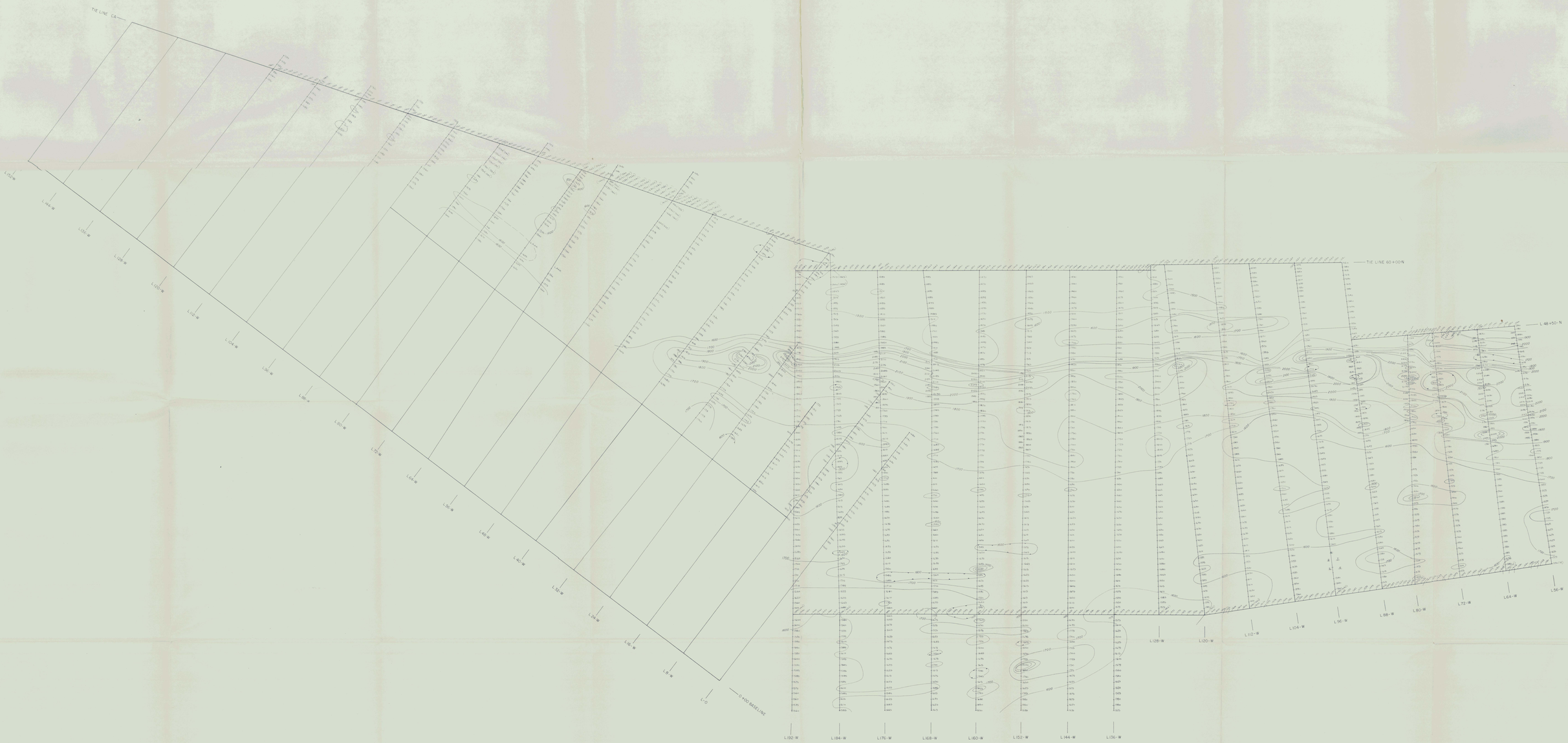
REVISED BY S.A.B. JAN. 27/1976

Scale 1" = 1000'

N.T.S. 105K-7

DRAWN BY C.L.C.

DATE JAN. 27/1976



CYPRUS ANVIL MINING CORPORATION

FAT, FIN & LISA CLAIMS, ANVIL AREA, WHITEHORSE MD., Y.T.

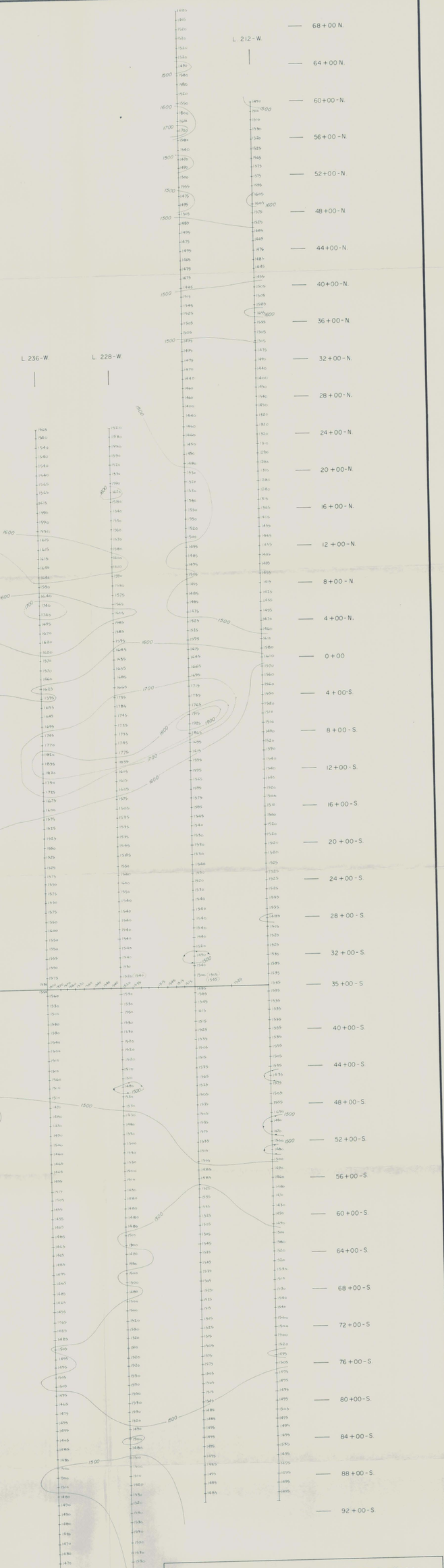
MAGNETOMETER SURVEY

CONTOURS OF RELATIVE VERTICAL INTENSITY
(IN GAMMAS)

SCALE: 1 INCH = 400 FEET

MAP NO. W-222-
TO ACCOMPANY A REPORT BY
PETER E. WALCOTT P. Eng., DATED

PETER E. WALCOTT & ASSOC. LTD.



CYPRUS ANVIL MINING CORPORATION

SARK, TAF, TIM & MX CLAIMS; ANVIL AREA; WHITEHORSE M.D., Y.T.

MAGNETOMETER SURVEY

CONTOURS OF RELATIVE VERTICAL INTENSITY
(IN GAMMAS)

SCALE : 1 INCH = 400 FEET

400 200 0 400 800 1200

MAP NO. W-222-
TO ACCOMPANY A REPORT BY
PETER E. WALCOTT P. Eng., DATED

PETER E. WALCOTT & ASSOC. LTD.

L. 84-W. | L. 76-W. | L. 68-W. | L. 60-W. | L. 52-W. | L. 44-W. | L. 36-W. | L. 28-W. | L. 20-W. | L. 12-W. | L. 4-W. | L. 4-E. | L. 12-E. | L. 20-E. | L. 28-E. | L. 36-E. | L. 44-E. | L. 52-E.

60+00-N
56+00-N
52+00-N
48+00-N
44+00-N
40+00-N
36+00-N
32+00-N
28+00-N
24+00-N
20+00-N
16+00-N
12+00-N
8+00-N
4+00-N
BASE LINE 0+00
4+00-S
8+00-S
12+00-S
16+00-S
20+00-S
24+00-S
28+00-S
32+00-S
TIE LINE 35+00-S

B.S.1 (1475)
B.S.2 (1275)
B.S.5 (1475)
M.B.S. (1500)
B.S.7 (1425)
B.S.8 (1475)
B.S.6 (1475)
LAKE
POND

CYPRUS ANVIL MINING CORPORATION

JET, ZAN & MX CLAIMS, ANVIL AREA, WHITEHORSE M.D., Y.T

MAGNETOMETER SURVEY

CONTOURS OF RELATIVE VERTICAL INTENSITY
(IN GAMMAS)

SCALE : 1 INCH = 400 FEET

400 200 0 400 800 1200

MAP NO. W-222-
TO ACCOMPANY A REPORT BY
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PETER E. WALCOTT & ASSOC. LTD.

L. 212-W. L. 204-W. L. 196-W. L. 188-W. L. 180-W. L. 172-W. L. 164-W. L. 156-W. L. 148-W. L. 140-W. L. 132-W. L. 124-W. L. 116-W. L. 108-W. L. 100-W. L. 84-W.

TIE LINE 60+00 N.
56+00 N.
52+00 N.
48+00 N.
44+00 N.
40+00 N.
36+00 N.
32+00 N.
28+00 N.
24+00 N.
20+00 N.
16+00 N.
12+00 N.
8+00 N.
4+00 N.
BASE LINE 0+00
4+00 S.
8+00 S.
12+00 S.
16+00 S.
20+00 S.
24+00 S.
28+00 S.
32+00 S.
TIE LINE 35+00 S.
36+00 S.
40+00 S.
44+00 S.
48+00 S.
52+00 S.
56+00 S.
60+00 S.
64+00 S.
68+00 S.
72+00 S.
76+00 S.
80+00 S.
84+00 S.
88+00 S.

B.S.3 (1365)

B.S.4 (1510)

CYPRUS ANVIL MINING CORPORATION

TAF, TIM & JET CLAIMS, ANVIL AREA, WHITEHORSE M.D., Y.T.

MAGNETOMETER SURVEY

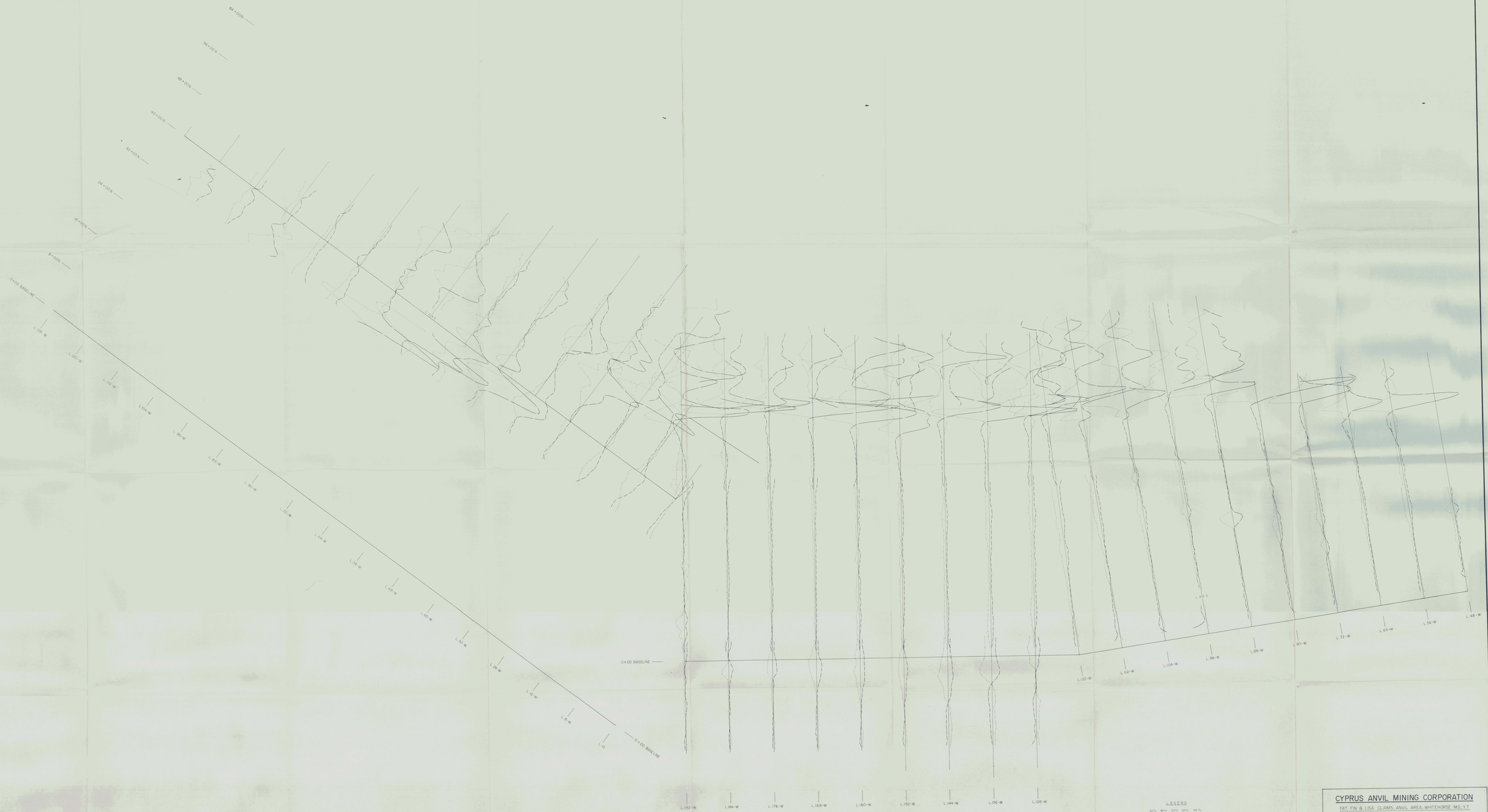
CONTOURS OF RELATIVE VERTICAL INTENSITY
(IN GAMMAS)

SCALE 1 INCH = 400 FEET

0 200 400 800 1200

NO W-222
ACCOMPANY A REPORT BY
ER E. WALCOTT P.Eng., DATED

PETER E. WALCOTT & ASSOC. LTD.



CYPRUS ANVIL MINING CORPORATION

FAT, FIN & LISA CLAIMS, ANVIL AREA, WHITEHORSE MD, Y.T.

TURAM ELECTROMAGNETIC SURVEY

PROFILES OF FIELD STRENGTH & PHASE DIFFERENCE

SCALE: 1 INCH = 400 FEET

400 200 0 400 800 1200

MAP NO. W-222-
TO ACCOMPANY A REPORT BY
PETER E. WALCOTT P. Eng., DATED

PETER E. WALCOTT & ASSOC. LTD.
JULY - AUG. 1976

L.204-W L.196-W L.188-W L.180-W L.172-W L.164-W L.156-W L.148-W L.140-W L.132-W L.124-W L.116-W L.108-W L.100-W L.92-W

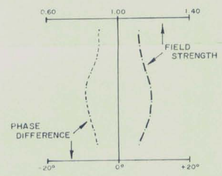
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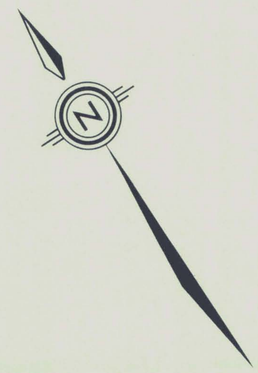
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60-N 56-N 52-N 48-N 44-N 40-N 36-N 32-N 28-N 24-N 20-N 16-N 12-N 8-N 4-N BASE-LINE 4-S 8-S 12-S 16-S 20-S 24-S 28-S 32-S T.L.35-S 36-S 40-S

L.204-W L.196-W L.188-W L.180-W L.172-W L.164-W L.156-W L.148-W L.140-W L.132-W L.124-W L.116-W L.108-W L.100-W L.92-W

LEGEND





CYPRUS ANVIL MINING CORP.

MYE-SARK ; ANVIL AREA ; WHITEHORSE M.D., YUKON

S.E. 71 , FREQUENCY - 400 C.P.S.

TURAM ELECTROMAGNETIC SURVEY

PROFILES OF FIELD STRENGTH & PHASE DIFFERENCE

SCALE 1" = 400 FEET

400 200 0 400 800 1200

MAP No. W-222-
TO ACCOMPANY A REPORT BY
PETER E. WALCOTT, P.Eng. ; DATED-

PETER E. WALCOTT & ASSOC. LTD.
JULY - AUG — 1976

L.84-W L.76-W L.68-W L.60-W L.52-W L.44-W L.36-W L.28-W L.20-W L.12-W L.4-W L.4-E L.12-E L.20-E L.28-E L.36-E L.44-E L.52-E

60-N
56-N
52-N
48-N
44-N
40-N
36-N
32-N
28-N
24-N
20-N
16-N
12-N
8-N
4-N
BASE-LINE
4-S
8-S
12-S
16-S
20-S
24-S
28-S

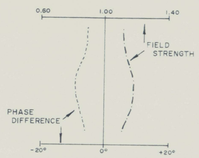
LAKE

LAKE

LAKE

L.84-W L.76-W L.68-W L.60-W L.52-W L.44-W L.36-W L.28-W L.20-W L.12-W L.4-W L.4-E L.12-E L.20-E L.28-E L.36-E L.44-E L.52-E





CYPRUS ANVIL MINING CORP.

MYE-SARK ; ANVIL AREA ; WHITEHORSE M.D., YUKON

S.E.71 , FREQUENCY - 400 C.P.S.

TURAM ELECTROMAGNETIC SURVEY

PROFILES OF FIELD STRENGTH & PHASE DIFFERENCE

SCALE 1" = 400 FEET

400 200 0 400 800 1200

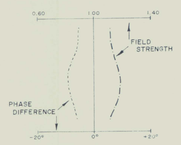
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PETER E. WALCOTT, P.Eng. ; DATED -

PETER E. WALCOTT & ASSOC. LTD.
JULY - AUG - 1976

L.348-W L.340-W L.332-W L.324-W L.316-W L.308-W L.300-W L.292-W L.284-W L.276-W L.268-W L.260-W L.252-W L.244-W L.236-W L.228-W L.220-W L.212-W L.204-W

28-N 24-N 20-N 16-N 12-N 8-N 4-N 0+00 4-S 8-S 12-S 16-S 20-S 24-S 28-S 32-S T.L.35-S 36-S 40-S 44-S 48-S 52-S 56-S 60-S 64-S 68-S 72-S 76-S 80-S 84-S 88-S 92-S 96-S 100-S

LEGEND



N

CYPRUS ANVIL MINING CORP.

MYE-SARK ; ANVIL AREA ; WHITEHORSE M.D., YUKON

S.E.71 , FREQUENCY - 400 C.P.S.

TURAM ELECTROMAGNETIC SURVEY

PROFILES OF FIELD STRENGTH & PHASE DIFFERENCE

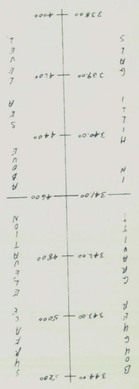
SCALE 1" = 400 FEET

400 200 0 400 800 1200

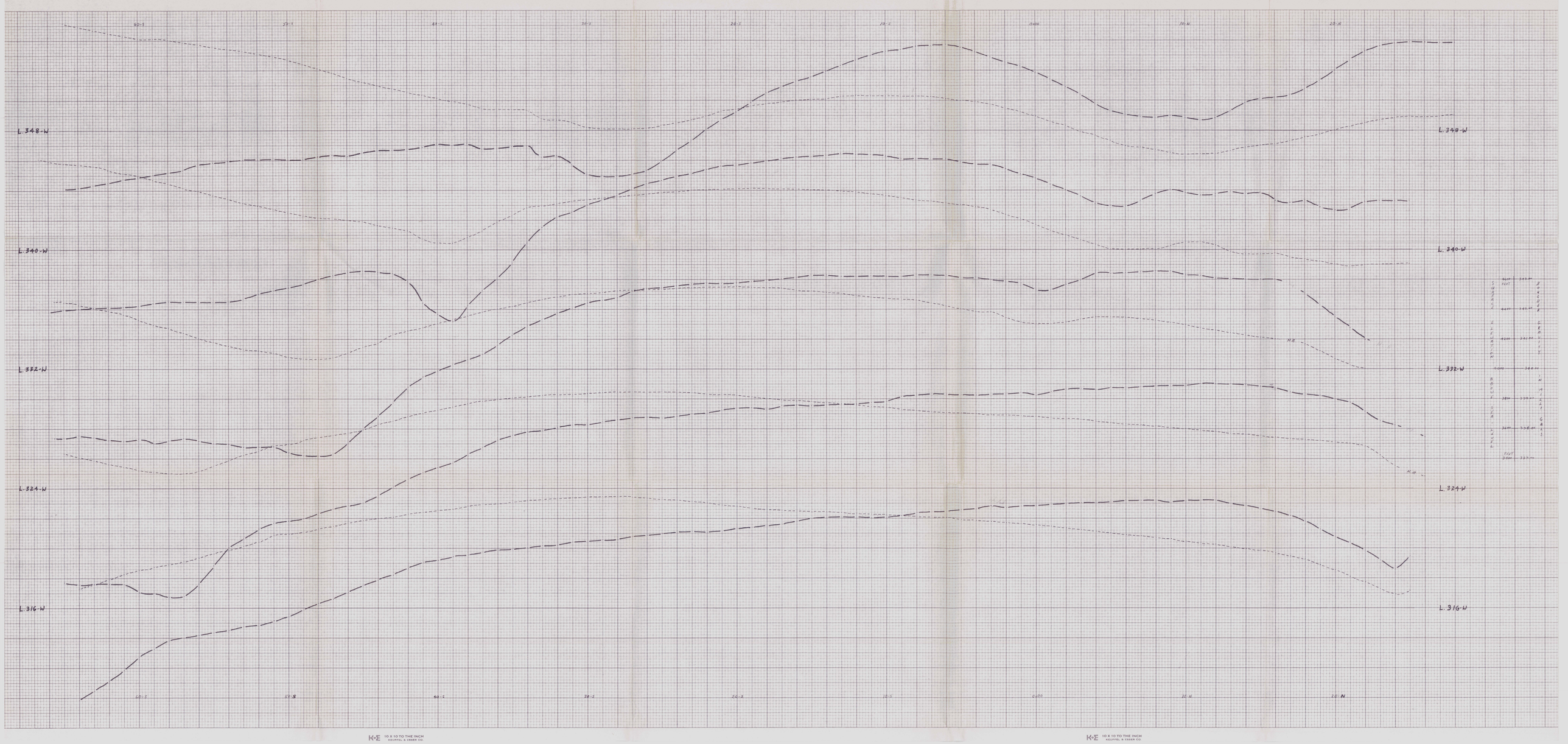
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PETER E. WALCOTT, P.Eng ; DATED-

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JULY - AUG - 1976

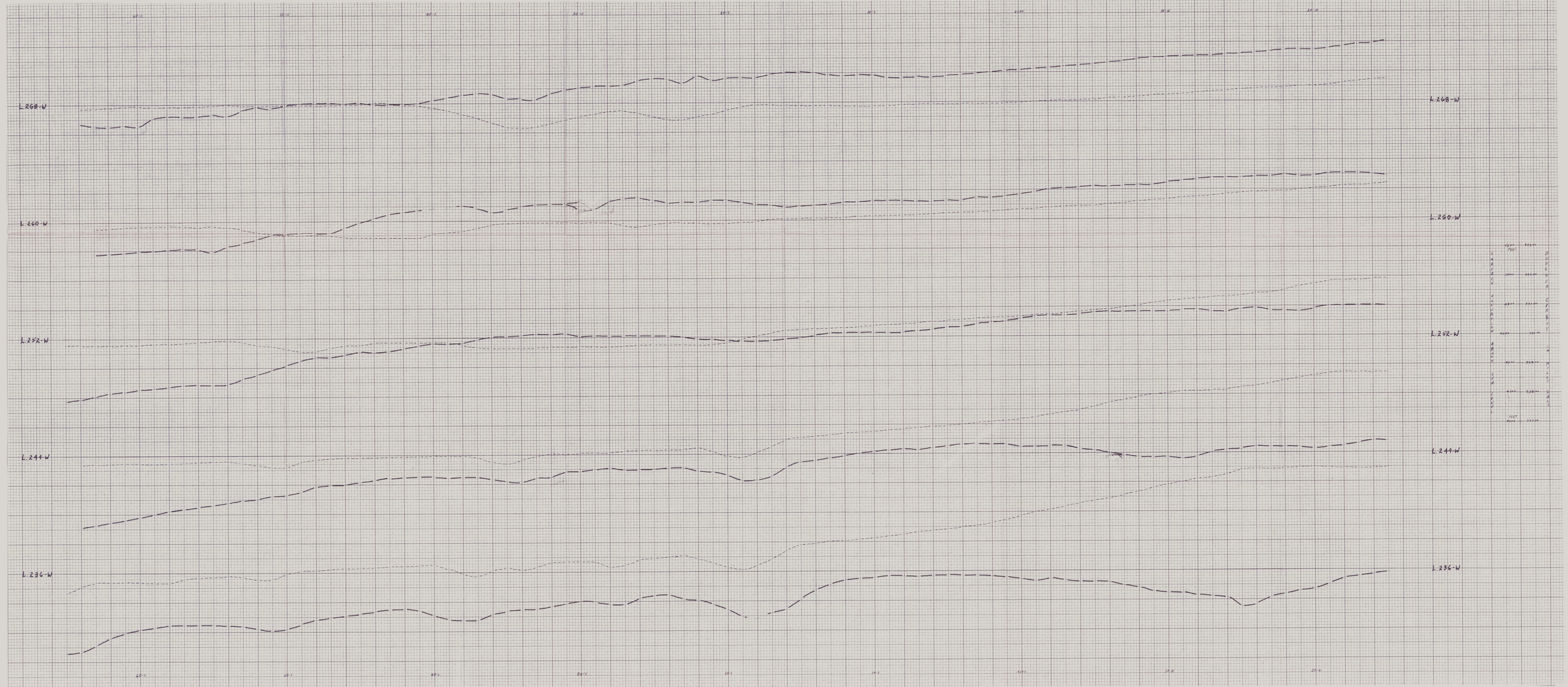
FINN GRID



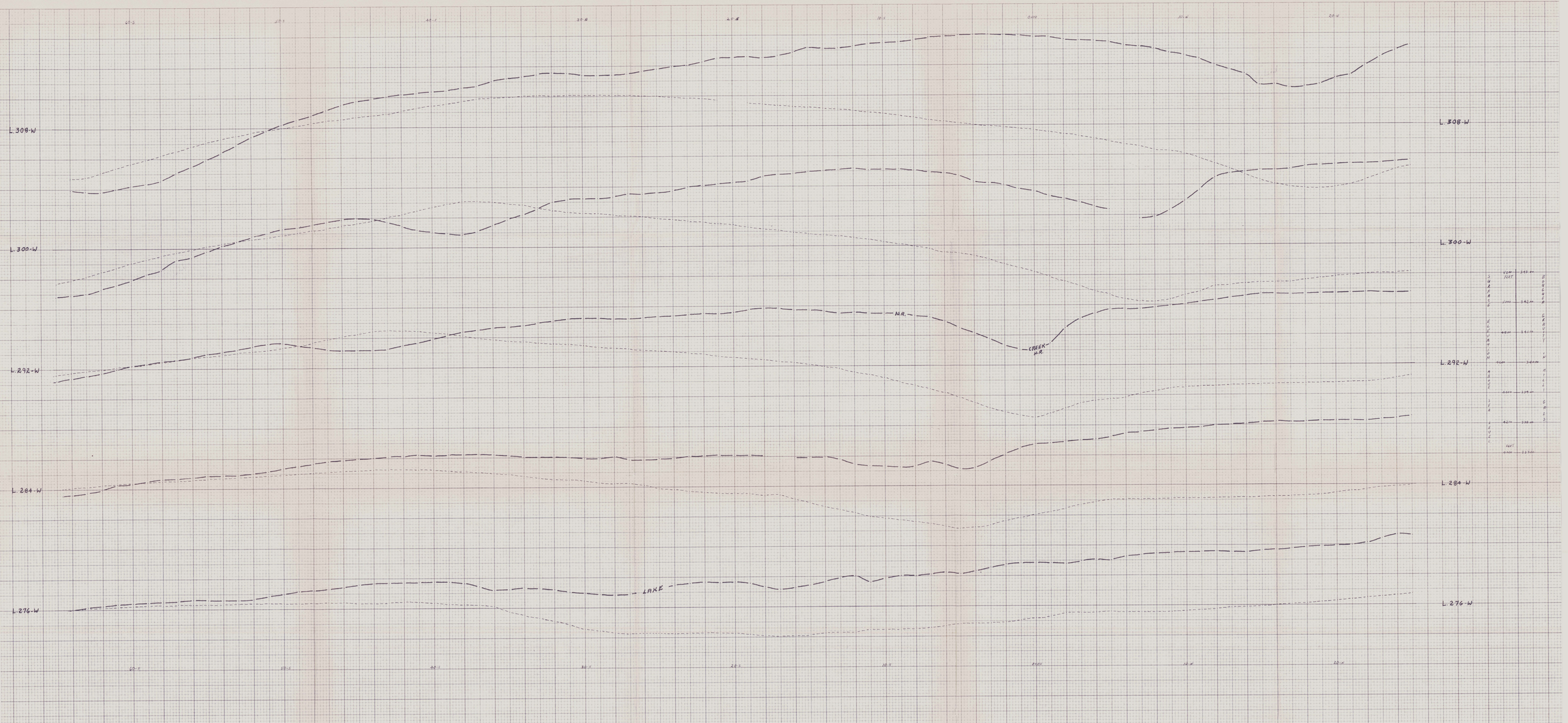
FINN CRAV.



K+E 10 X 10 TO THE INCH KEUFFEL & ESSER CO.
K+E 10 X 10 TO THE INCH KEUFFEL & ESSER CO.


L.268-W
L.260-W
L.252-W
L.244-W
L.236-W
L.268-W
L.260-W
L.252-W
L.244-W
L.236-W


L.228-W
N.R.
L.220-W
L.212-W
L.204-W
L.196-W
60-S
50-S
40-S
30-S
20-S
10-S
0+00
10-N
20-N
SURFACE ELEVATION IN FEET


L. 308-W
L. 300-W
L. 292-W
L. 284-W
L. 276-W
N.R.
CREEK
N.R.
LAKE
SURFACE ELEVATION IN FEET
BOTTOM CONTOUR IN FEET
AREA IN ACRES

L.220-W

L.212-W

L.204-W

L.196-W

L.188-W

10-S 0+00 10-N 20-N 30-N 40-N 50-N

L.220-W

L.212-W

L.204-W

L.196-W

L.188-W

5200	343.00	
5000	342.00	
4800	341.00	
4600	340.00	
4400	339.00	
4200	338.00	
4000	337.00	

ABOVE SEA LEVEL

METRES

FEET

1 IN = 1 MILE

GRAVITY

10-S 0+00 10-N 20-N 30-N 40-N 50-N

K+E 10 X 10 TO THE INCH KEUFFEL & ESSER CO.

K+E 10 X 10 TO THE INCH KEUFFEL & ESSER CO.

10°S 0°20 10°N 20°N 30°N 40°N 50°N

L.180-W

L.172-W

L.164-W

L.156-W

L.148-W

L.180-W

L.172-W

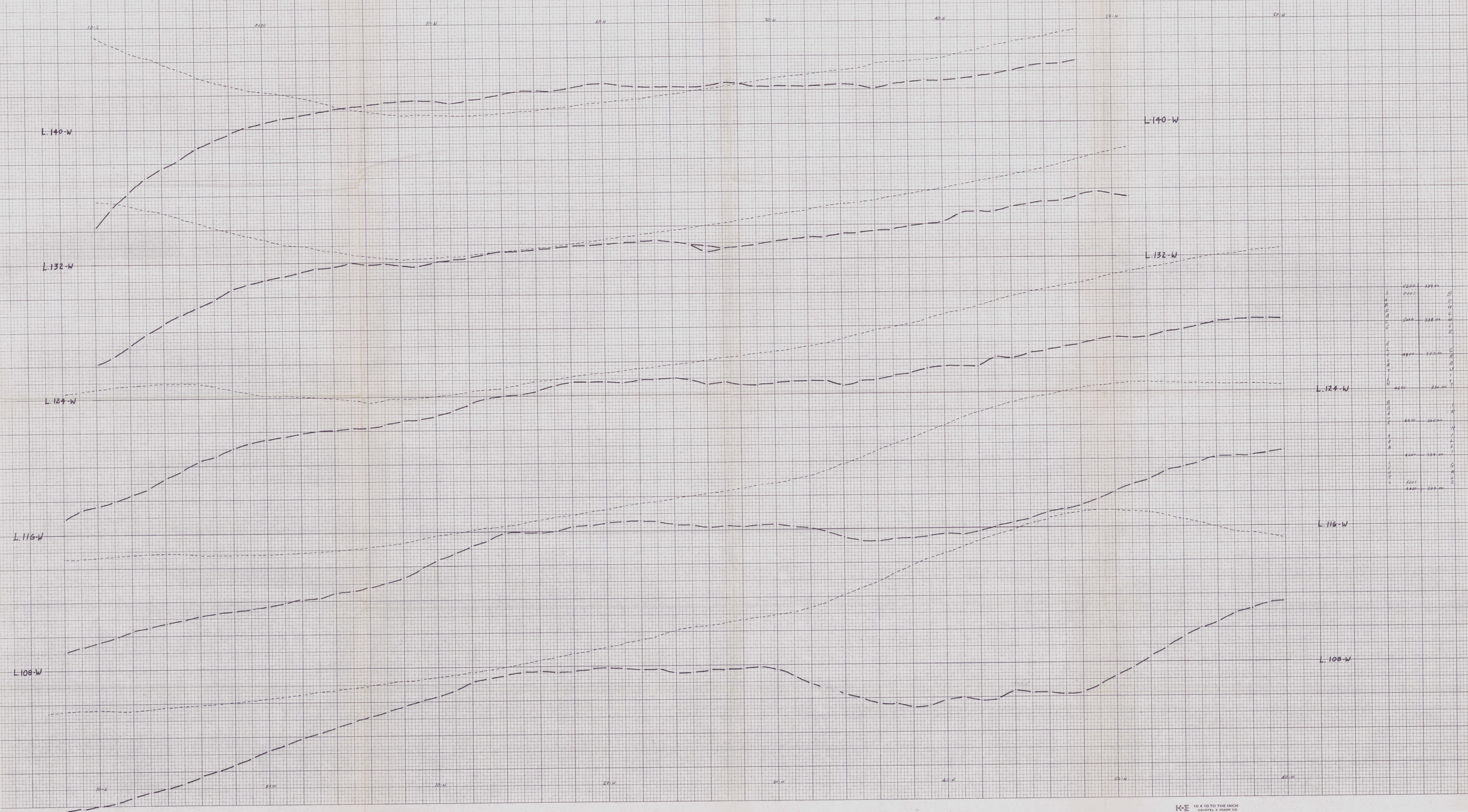
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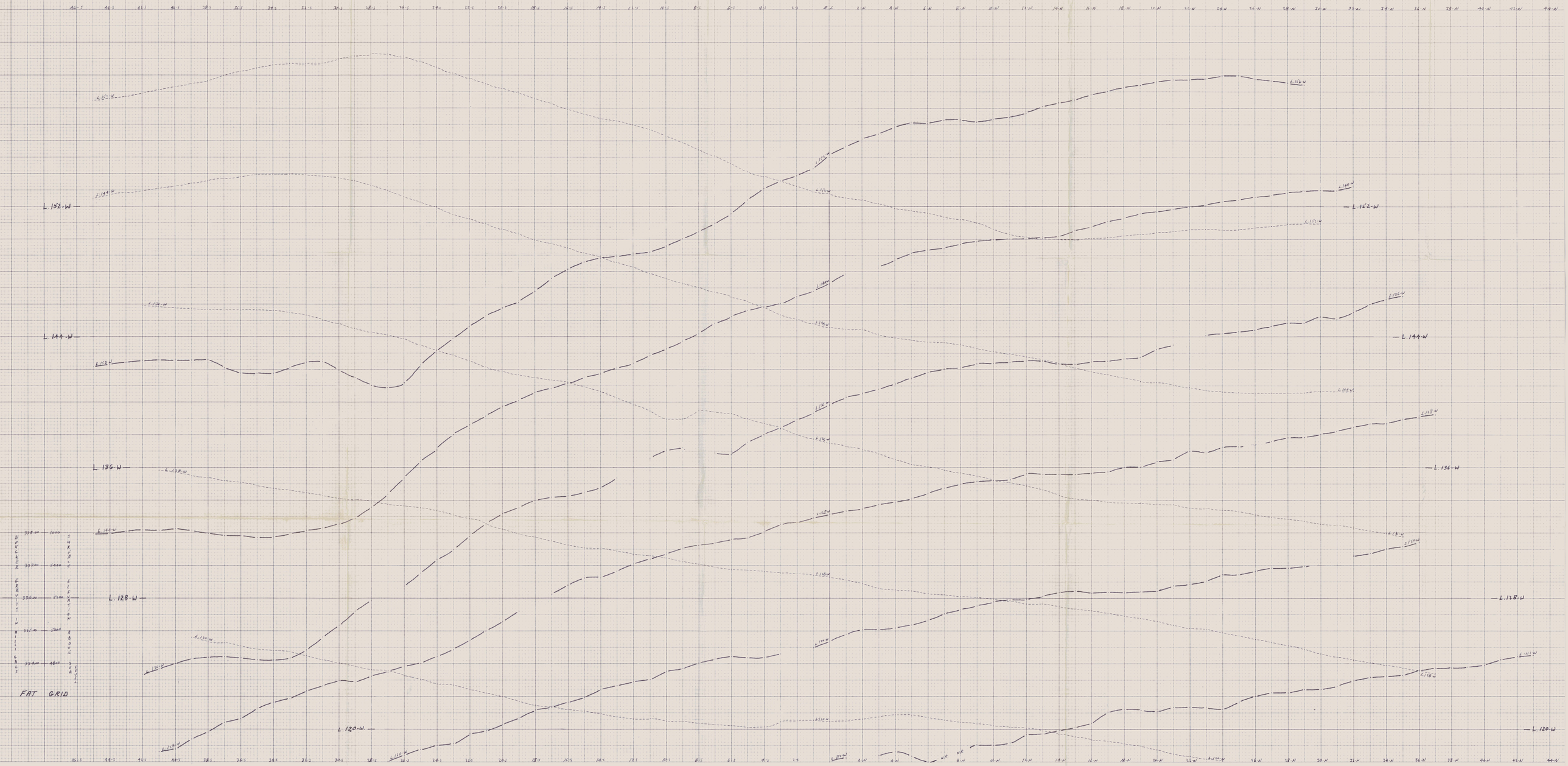
L.156-W

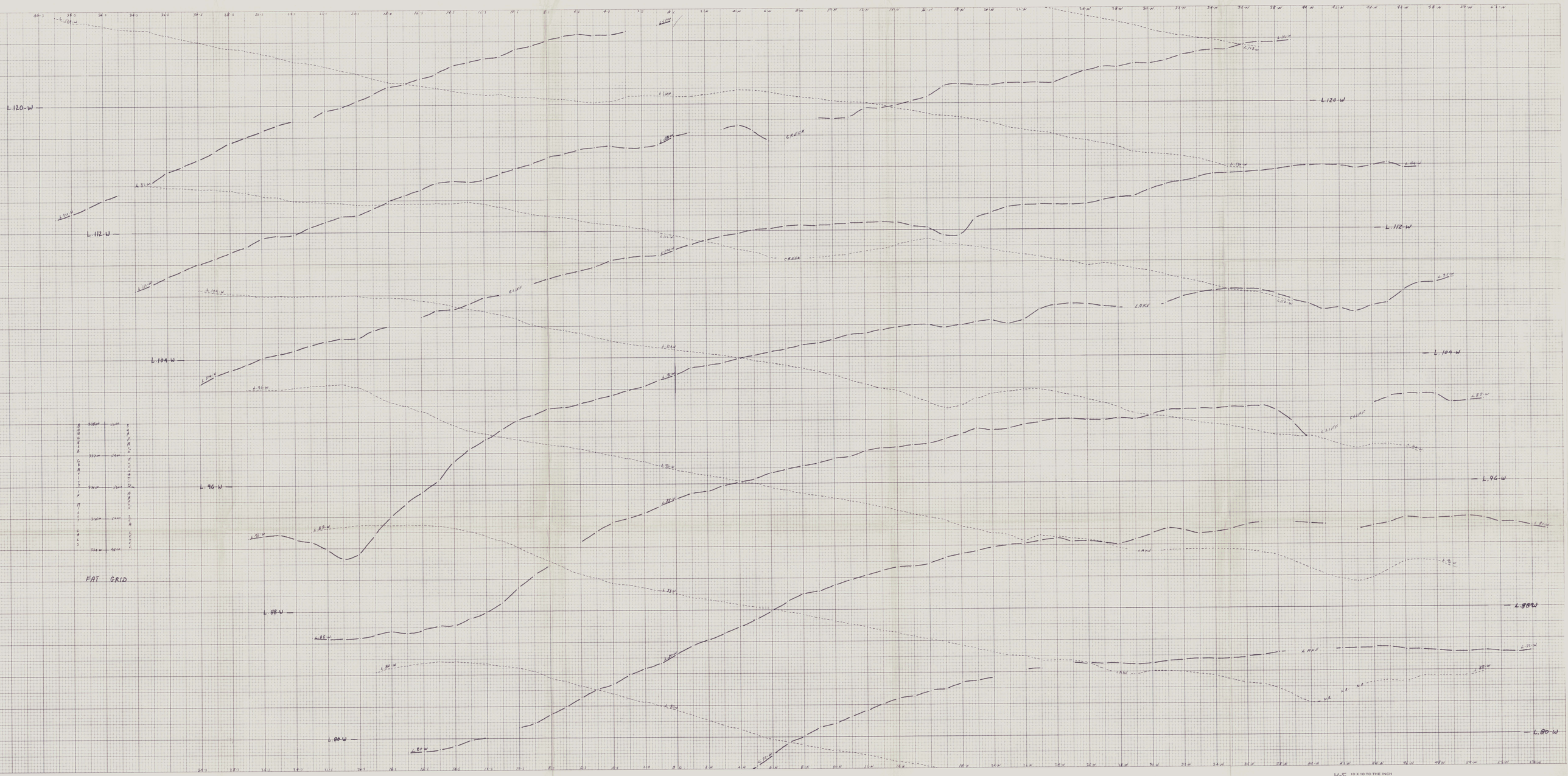
L.148-W

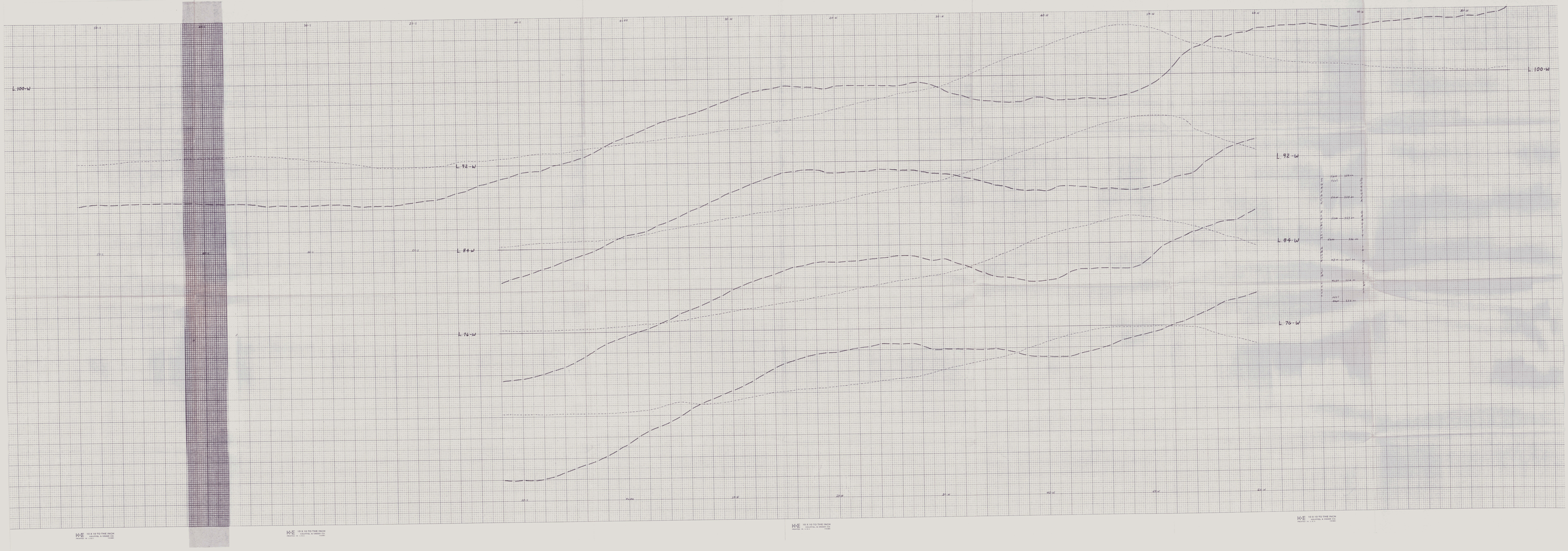
5200 334.00
FEET
5000 330.00
4800 327.00
4600 324.00
4400 321.00
4200 318.00
FEET
4000 315.00

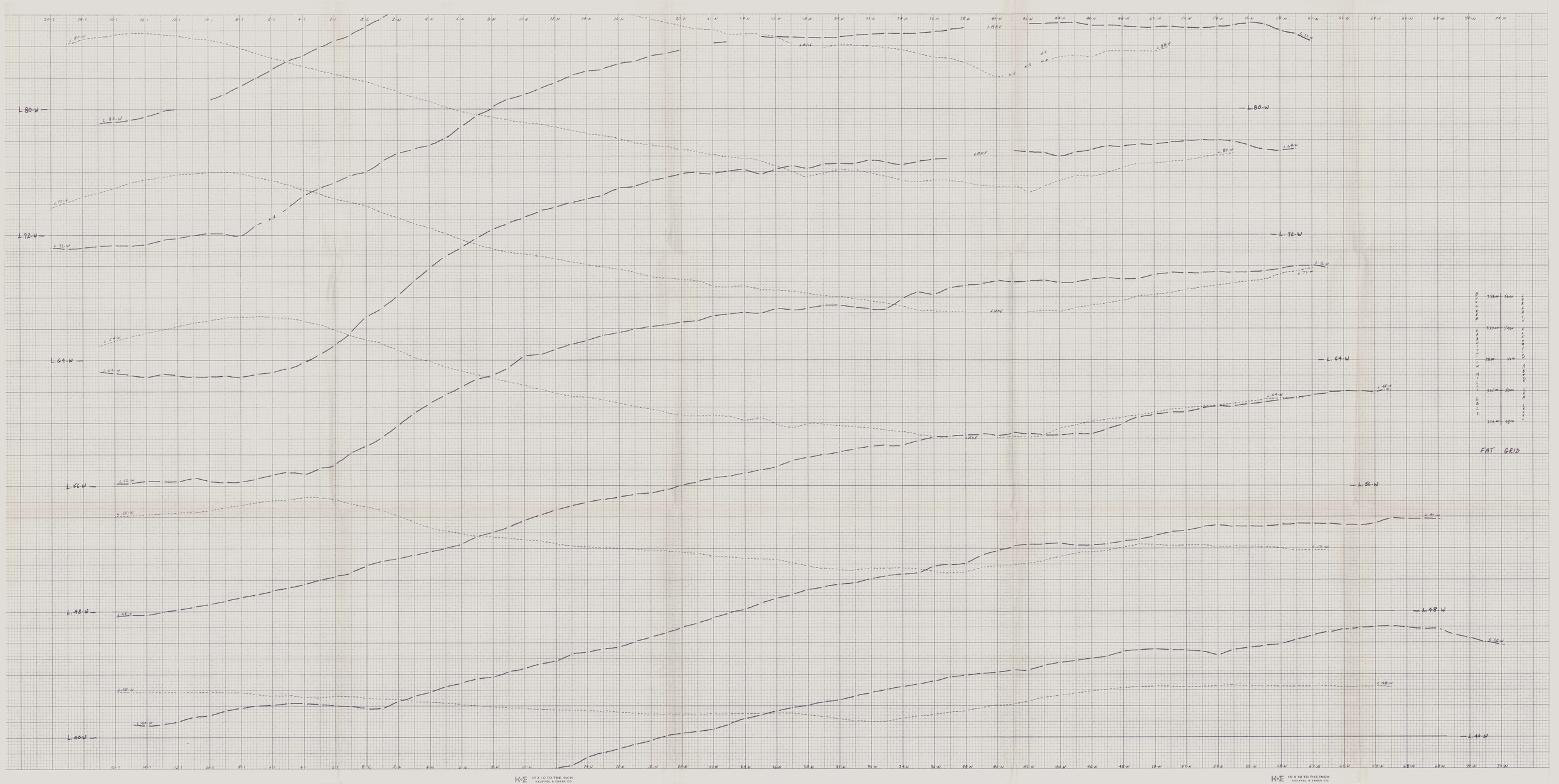
10°S 0°20 10°N 20°N 30°N 40°N 50°N


L.140-W
L.132-W
L.124-W
L.116-W
L.108-W
10-S
0+00
10-N
20-N
30-N
40-N
50-N
60-N
SURFACE ELEVATION
5200 Feet
5040 338.00
4880 332.00
4640 326.00
4400 324.00
4200 324.00
4200 Feet 323.00
BEDROCK GRADUATIONS
GRAVEL

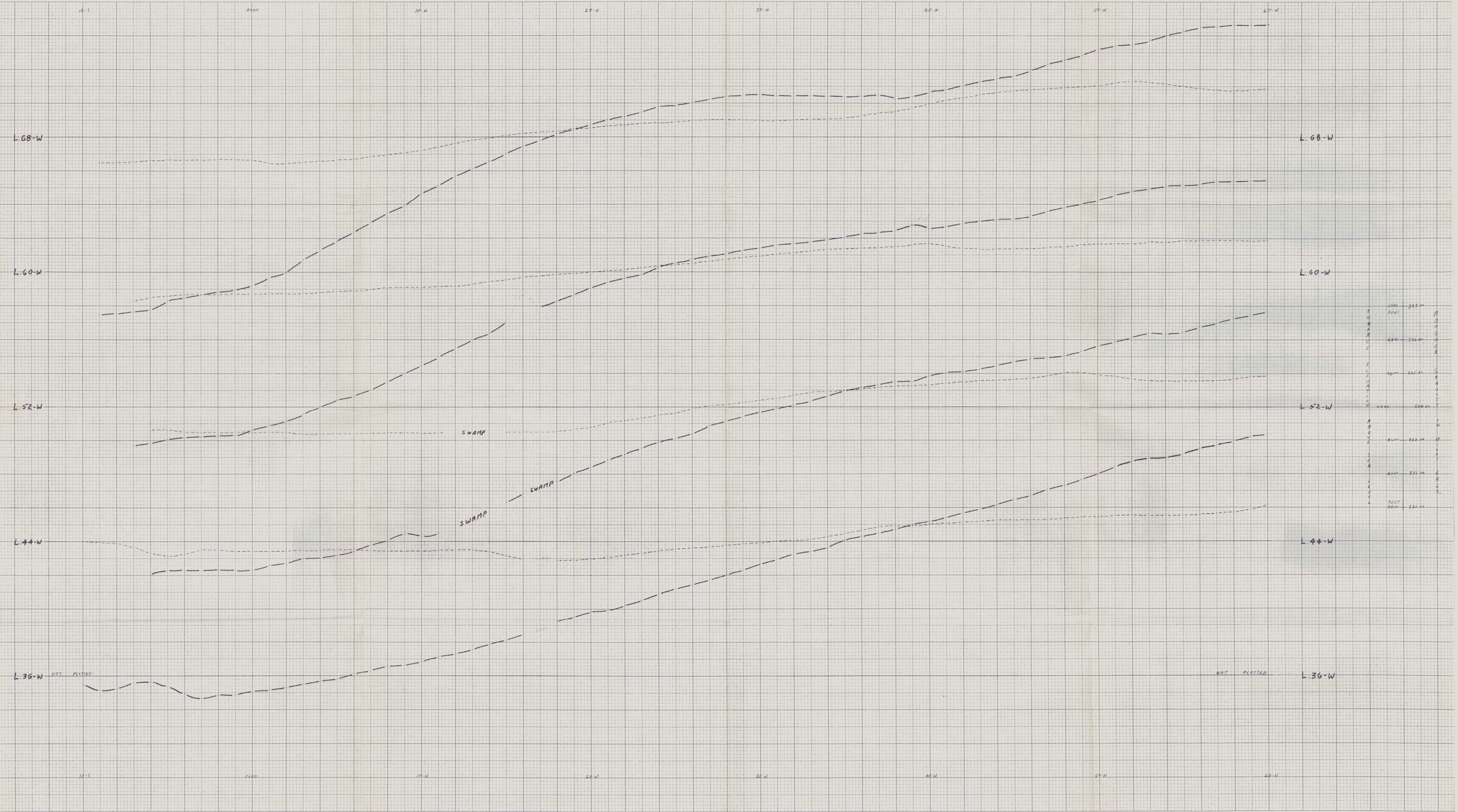

L.152-W
L.144-W
L.136-W
L.128-W
L.120-W
L.162-W
L.154-W
L.146-W
L.138-W
L.130-W
L.122-W
L.114-W
L.111-W
DEGREE GRAVITY IN MILLIGALS
SURFACE ELEVATION ABOVE SEA LEVEL
FAT GRID


L.120-W
L.112-W
L.104-W
L.96-W
L.88-W
L.80-W
CREEK
CLIFF
LAKE
FAT GRID


L 100-W
L 92-W
L 84-W
L 76-W
L 100-W
L 92-W
L 84-W
L 76-W



K+E 10 X 10 TO THE INCH KEUFFEL & ESSER CO.
K+E 10 X 10 TO THE INCH KEUFFEL & ESSER CO.


10-S
0+00
10-N
20-N
30-N
40-N
50-N
60-N
L.68-W
L.60-W
L.52-W
L.44-W
L.36-W
SWAMP
SWAMP
SWAMP
NOT PLOTTED
NOT PLOTTED
10-S
0+00
10-N
20-N
30-N
40-N
50-N
60-N
L.68-W
L.60-W
L.52-W
L.44-W
L.36-W

10-S 0+00 10-N 20-N 30-N 40-N 50-N 60-N

L.36-W

N.R.

N.R.

L.28-W

N.R.

L.20-W

LAKE

LAKE

L.12-W

L.4-W

SWAMP

SWAMP

SWAMP

SWAMP

10-S 0+00 10-N 20-N 30-N 40-N 50-N 60-N

L.36-W

L.28-W

L.20-W

L.12-W

L.4-W

DENSITY K TO (0.04)

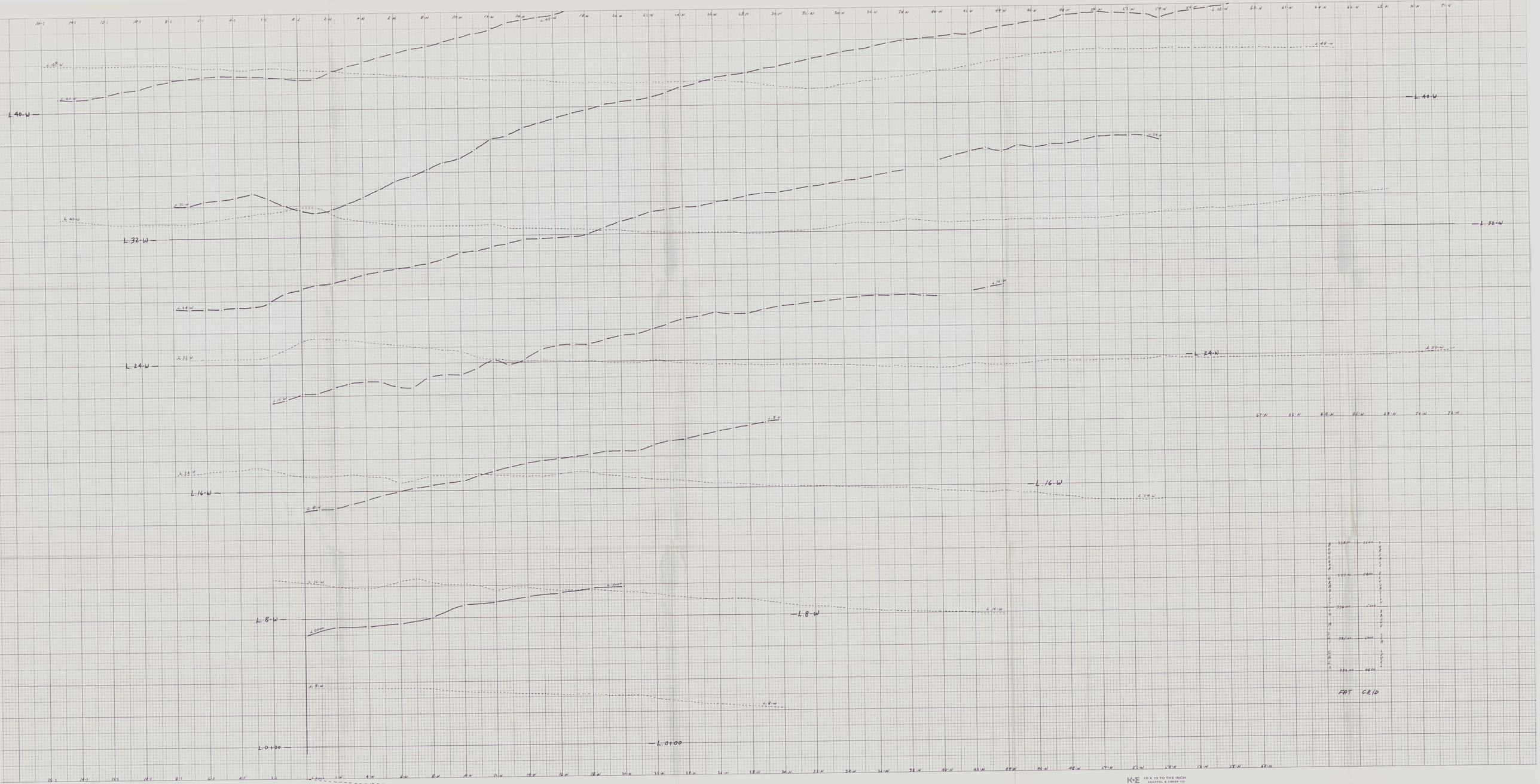
5000	334.00	
4800	334.00	
4600	334.00	
4400	333.00	
4200	332.00	
4000	331.00	
3800	330.00	

SURFACE ELEVATION ABOVE MEAN SEA LEVEL

HORIZONTAL GRADIENT IN MILLIGALS

K+E 10 X 10 TO THE INCH KEUFFEL & ESSER CO. PRINTED IN U.S.A. 150061

K+E 10 X 10 TO THE INCH KEUFFEL & ESSER CO. PRINTED IN U.S.A. 150061


L 40-W
L 32-W
L 24-W
L 16-W
L 8-W
L 0+00
FAT GRID