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GEOCHEMICAL AND GEOPHYSICAL SURVEY

ROBO CLAIM

KAMLOOPS M.D.

NTS 92P/9W
51°43'N, 120°17 1/2'W

Owner and Operator

INTERACTION RESOURCES LTD.
720, 800 West Pender Street
Vancouver, B.C. V6C 2V6

Report Prepared by:

R.C. Heim, Ph.D., P.Eng.

October 25, 1985

ROBO CLAIM

GEOCHEMICAL AND GEOPHYSICAL SURVEY

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1. INTRODUCTION

The Robo Mineral Claim of 6 units, in the Kamloops Mining Division, is 19 kilometers west-northwest from the small town of Clearwater. Clearwater is 100 kilometers north of Kamloops. The Robo Claim was recorded on May 29, 1985. The LCP is 200 meters at 300° azimuth from the extreme southwest corner of Surprise Lake. The coordinates are 51°43'N and 120°17 1/2'W, NTS 92P/9W. See Index Map, Figure No. 1.

The topography in the general area is moderate to steep; the vegetation is moderate to heavy, with much windfall, especially on east facing slopes. There has been extensive logging in the area; a network of logging roads permits access to the claim by two wheel drive vehicle. Approximately half of the Robo Claim is covered with new plantation together with up to 3 meters high alder.

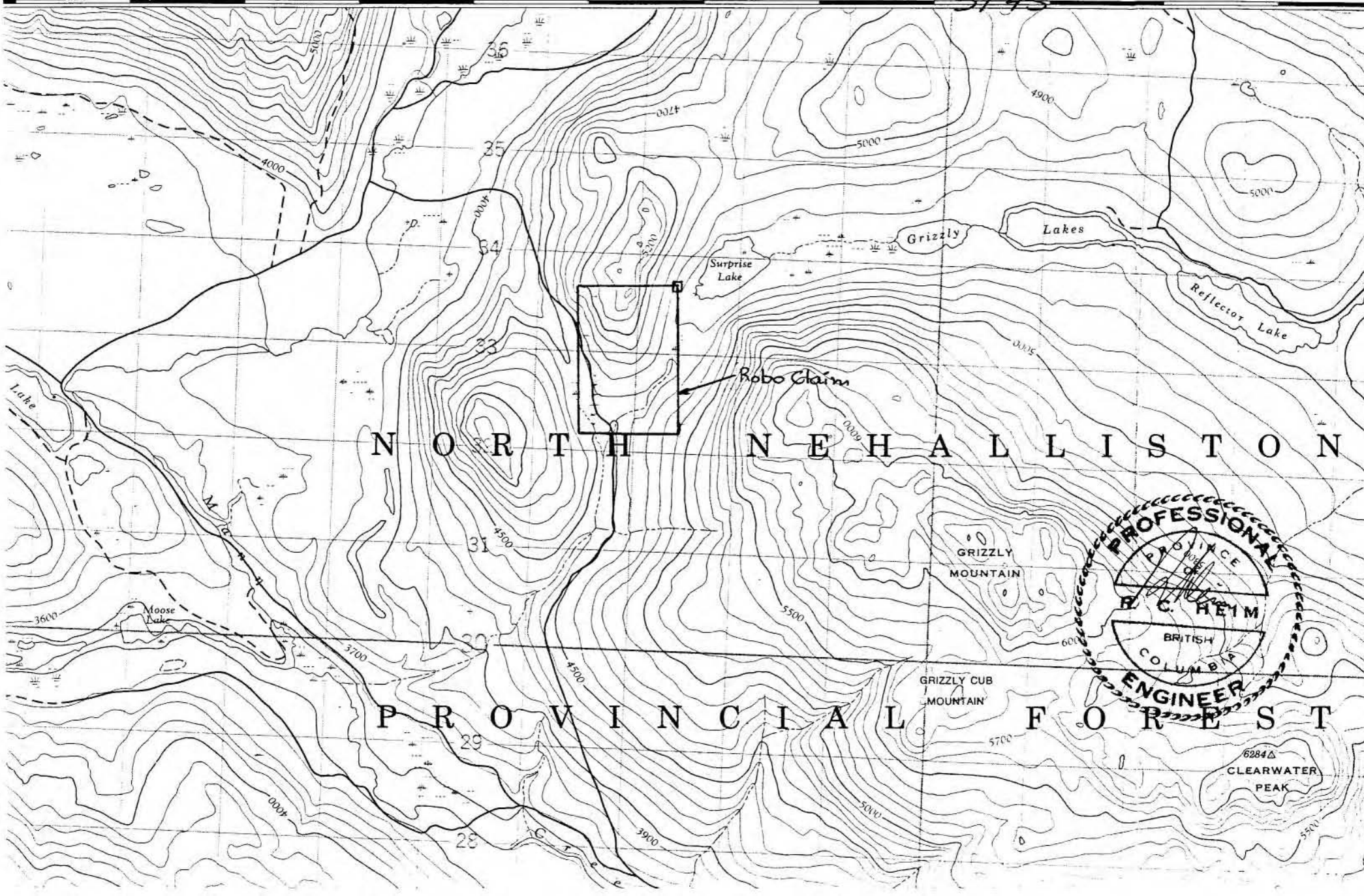
There are no published reports on previous exploration. The interest in the area covered by the Robo Claim is based on the presence of angular to semi-angular float of massive arsenopyrite, samples of which have assayed up to 6420 ppb gold. Elsewhere on the claim, float of a highly siliceous rock contains lead-zinc-silver mineralization.

Interaction Resources Ltd., who has an option to purchase the claim from R. Heim, used a soil survey and VLF-EM survey as a means of finding the source of the mineralized float. These surveys were carried out by R. Heim and are the subject of this report.

CANADA

92P/9 1:50 000

120° 20' 15' 51° 45'



2. SOIL SURVEY

2.1 Field and Assay Procedures

Prior to the soil survey, a N-S tieline at 0 W was established with compass and topofil, originating at the LCP at the southeast corner of the claim. The tieline was marked with orange flagging, with stations at 100 meter intervals, marked with orange and blue flagging. The soil survey was done along 16 E-W lines, 100 meters apart and 1000 meters long. The E-W lines were established with compass and topofil. Abundant topographic detail, visible on an enlarged aerial photograph, provided excellent control at the western ends of the lines, obviating the necessity of a tieline at the western boundary of the claim. The soil sample locations were marked with orange and blue flagging.

The soil development on the Robo Claim is generally excellent. A pronounced light grey to white A_0 horizon is up to 25 centimeters thick, with a sharp change into a light brown to dark red-brown B horizon. All soil samples were taken with a mattock from the B horizon, unless otherwise noted on the field sheets. No soil samples were taken in swamps or from a few large, cliff-like outcrop areas.

A total of 304 soil samples were collected and placed into high wet strength Kraft soil envelopes. They were assayed by Acme Laboratories Ltd., of Vancouver, for copper, lead, zinc, silver and arsenic by the I.C.P. method and for gold by AA. These are modern standard procedures well described in the literature. Details of the sample preparation and assay methods can be found on the Assay Sheets, Appendix B.

The assay results for copper, lead and zinc were plotted on a 1:5000 scale map, Figure No. 2. The assay results for arsenic, silver and gold were plotted on Figure No. 3, also on a scale of 1:5000.

2.2 Discussion of Results

From the histograms (Appendix C), the following anomalous values were visually determined:

Copper:	40 ppm and over
Lead:	18 ppm and over
Zinc:	82 ppm and over
Arsenic:	15 ppm and over
Silver:	0.8 ppm and over
Gold:	8 ppb and over

On Figures No. 2 and No. 3, the anomalous soil assays were underlined.

For arsenic, all 16 lines west 700W show distinctly anomalous values. There are very few anomalous silver values. For gold, 8 of the soils are anomalous; they correlate well with the arsenic anomaly.

The histograms for copper, lead and zinc suggest the presence of two populations. Some of the higher base metal values are found in the western part of the property and fall within the arsenic anomaly. The other base metal population may be related to the strong VLF-EM anomaly in the southeastern part of the claim (Figure No. 4).

3. VLF-EM SURVEY

3.1 Field Procedures and Data Presentation

During the course of the soil survey, on lines 0N to 12N inclusive, VLF-EM measurements of the Dip Angle and Horizontal Field Strength were taken at 25 meter intervals. All EM stations were marked with orange and blue flagging,

The VLF-EM method is well known and extensively described in the literature. The instrument used was a Sabre Model 27 VLF-EM Receiver. The station used was Seattle, Washington, transmitting on 18.6 KHz.

At each station, a Dip Angle reading was made with the operator facing the transmitter, in a direction slightly west of south.

The Dip Angles and Field Strengths were plotted on a separate sheet for each line (Appendix D). The convention used ensured that the Dip Angle line sloping down to the right represents a true crossover, indicating a conductor underneath.

The Dip Angle values were filtered according to the technique described by D.C. Fraser, 1969 (Geophysics, Vol. 34, No. 6, pp. 958-967). The positive Fraser Filter data, indicating conductors, were plotted on Figure No. 4 on a scale of 1:5000. The >0 and >10 values were contoured.

3.2 Discussion of Results

The Fraser Filter contour map provides the clearest visual picture of the VLF-EM results. One of the two main features is a strong, well defined, arcuate conductor in the eastern part of the grid. The northern part of this conductor coincides with a swamp, but the southern part, striking SW-NE, is on a well drained hillside. The plots of the individual lines show that the crossovers coincide with distinct peak values of the field strength.

The other conductive zone is a broad area of moderate positive values, somewhat northwest of the centre of the claim. It encloses a few sharp, well defined anomalies with higher positive values, most of them west of the height of land; these stronger conductors also have coinciding field strength peaks.

4. COMPILATION - GEOLOGY, GEOCHEMISTRY, GEOPHYSICS

Figure No. 5 shows the most relevant results of the surveys.

GEOLOGY

All outcrops encountered during the surveys were noted on the field sheets (Appendix A) and plotted on Figure No. 5. All outcrops are a dark green, fine grained andesite. According to GSC Geological Map No. 1278A (Mem. 363), they form part of the Mississippian Fennell Formation. No mineralization was noticed in the outcrops. The attitude of the andesites could not be determined, but possible flow-top features in the northwestern part of the claim suggest a flat to moderate southwesterly dip. At 75W on line 4N, a 6 centimeter thick, flat lying quartz vein had no visible mineralization.

The locations of the previously found mineralized float were marked on Figure No. 5. Location "A" was the highly siliceous Pb-Zn-Ag rock, locations "B", "C" and "D" were massive arsenopyrite with gold values.

GEOCHEMISTRY AND GEOPHYSICS

The small insert map on Figure No. 5 shows the topographic contours in relation to the grid.

The arsenic anomaly occurs uphill and to the east of the main logging road, on a steep, logged-off slope, in a moderately conductive area (see Figure No. 4), and down-slope from the stronger conductors plotted on Figure No. 5. The location of this arsenic - gold anomaly is consistent with the location of the arsenopyrite float, the more so since the soil anomaly may have been hydromorphically displaced from a source area at a higher elevation.

There is no obvious correlation between the VLF-EM conductor in the eastern part of the claim and the geochemical results.

5. RECOMMENDATIONS

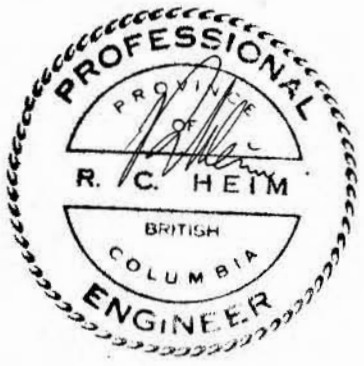
The geochemical and geophysical surveys suggest that the source of the arsenopyrite float is in the northwestern part of the Robo Claim.

It is recommended that additional ground be acquired to the north and to the west. The area to be investigated further is the steep, southwesterly facing, mostly logged-off slope west of 600W. A more detailed geochemical survey in this area, possibly combined with other geophysics such as horizontal loop EM, IP and magnetometer, can be expected to provide targets for subsequent backhoe trenching and/or diamond drilling. The more detailed work in this confined area may also turn up more mineralized float.

Further work should include a test of the strong VLF-EM anomaly in the southeastern part of the claim, probably with an alternative EM method. If a horizontal loop EM, at a much lower frequency than the VLF-EM, confirms the anomaly, the possibility of a sulphide deposit should be considered.

6. ITEMIZED COST STATEMENT

Fieldwork:	1 geologist	11 days	$300/day	$ 3,300.00
	1 helper	11 days	$100/day	1,100.00
Transportation:		1620 km	$0.28/km	453.60
Motel, Clearwater				528.58
Meals:		22 man days	$18/man day	396.00
Supplies				359.12
VLF Instrument Rental				260.00
Assays				2,614.40
Histograms				100.00
Xerox, Typing				85.00
Report:		3 days	$300/day	900.00
			TOTAL	$10,096.70



7. AUTHOR'S QUALIFICATIONS

I, Robert C. Heim, of North Vancouver, B.C., hereby certify the following:

1. I am a geologist residing and with an office at 740 Handsworth Road, North Vancouver, B.C.

2. I have a Ph.D. Degree in Geology (1952) from the University of Utrecht, Holland.

3. I have practised my profession since 1952, and have been an independent consultant since 1984.

4. I am a member of the Association of Professional Engineers of British Columbia and Ontario.

5. This report is based on the geochemical and geophysical surveys that I have carried out on the Robo Claim on September 16 to September 23, inclusive, 1985 and on October 1 to October 3 inclusive, 1985.

Dated at North Vancouver, B.C. this 25th day of October, 1985.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. C. HEIM

R.C. Heim, Ph.D., P.Eng.

APPENDIX A

FIELD SHEETS

VLF-EM SURVEY

Property Robo Trans Seattle Page 1

Operator RCH Instr Sabre Date Sept. 16/85

Line	Stn.	Null	Filter	F.S.	
0+00 N	1000W	-17		47	
	975W	-15	-3	50	
	950W	-17	-7	48	road @ 960
	925W	-12	0	51	
	900W	-13	+3	55	
	875W	-16	-8	57	
	850W	-12	-18	54	
	825W	-9	-23	49	swamp. Soil sample: black muck
	800W	-1	-16	49	
	775W	+3	+1	48	creek. Poor null
	750W	+3	+12	58	
	725W	-2	+11	42	road
	700W	-4	+1	48	road
	675W	-6	-11	44	
	650W	-1	-13	45	
	625W	+2	-8	43	
	600W	+4	-8	43	
	575W	+5	-12	43	
	550W	+9	-11	47	road. Poor null.
	525W	+12	+2	44	
	500W	+13	+19	52	
	475W	+6	+17	58	
	450W	0	0	52	
	425W	+2	-9	50	
	400W	+4	-7	47	
	375W	+7	-2	46	
	350W	+6	-4	48	
	325W	+7	-9	48	
	300W	+10	-7	48	outcrop: f. gr. and.
	275W	+12	-3	50	outcrop: f. gr. and.
Direction of travel	250W	+12	-6	50	
	225W	+13	-8	56	
	200W	+17	-4	51	
	175W	+16	-1	53	
	150W	+18	+5	56	
	125W	+14	0	54	road
	100W	+15	-5	51	
	75W	+17	-3	55	
	50W	+17	0	54	
	25W	+18		54	
	0 W	+16		50	gain setting: 14

VLF-EM SURVEY

Property Robo Trans Seattle Page 2

Operator RCH Instr Sabre Date Sept. 17/85

Line	Stn.	Null	Filter	F.S.	
1+00 N	1000W	-20		44	gain setting = 22
	975W	-16	-1	43	
	950W	-17	-2	44	road @ 965
	925W	-18	-6	38	
	900W	-13	+1	39	
	875W	-16	+4	37	
	850W	-16	+1	36	
	825W	-17	-2	36	
	800W	-16	-11	32	swamp; soil sample 15 m west
	775W	-15	-19	31	
	750W	-7	-12	28	
	725W	-5	-2	26	creek
	700W	-5	0	26	
	675W	-5	-7	26	
	650W	-5	-11	25	gain setting: 41
	625W	+2	+2	45	
Direction of travel	600W	-1	+6	44	
	575W	-4	-3	45	
	550W	-1	-6	41	
	525W	-1	-5	42	road
	500W	+2	-2	40	
	475W	+1	+9	37	
	450W	+2	+18	36	
	425W	-8	+7	35	
	400W	-7	-4	36	road
	375W	-6	-4	38	
	350W	-5	-4	38	
	325W	-4	-8	33	
	300W	-3	-11	30	
	275W	+2	-11	27	Poor null
	250W	+2	-11	28	
	225W	+8	-4	28	
	200W	+7	-4	25	gain setting: 81
	175W	+7	-10	53	
	150W	+12	-5	52	
	125W	+12	-6	48	
	100W	+12	-10	46	
	75W	+18	+1	47	soil sample: C horizon
	50W	+16	+7	50	
	25W	+13		47	outcrop area: f.gr. and., flat lying?
	0W	+14			

VLF-EM SURVEY

Property Robo Trans Seattle Page 3

Operator RCH Instr Sabre Date Sept 17/85

Line	Stn.	Null	Filter	F.S.	
2+00 N	1000W				No soil sample
	975W				
	950W	-8		50	gain setting: 15. Soil sample: dark organic
	925W	-18	-3	56	
	900W	-16	-7	52	
	875W	-17	-12	51	
	850W	-10	-4	50	
	825W	-11	+4	49	
	800W	-12	-3	48	Swamp. No soil sample
	775W	-13	-12	50	road @ 782
	750W	-7	-5	53	
	725W	-6	+6	52	
	700W	-9	+3	52	
	675W	-10	-4	49	road
	650W	-8	-7	45	
	625W	-7	-5	42	
Direction of travel	600W	-4	-1	39	Swamp. No soil sample
	575W	-6	-4	37	
	550W	-4	-21	35	
	525W	-2	-24	36	road @ 515
	500W	+13	-4	41	Poor null
	475W	+5	0	43	
	450W	+10	-2	44	
	425W	+8	+5	46	
	400W	+9	+19	48	
	375W	+4	+29	51	
	350W	-6	+15	53	Road area. No soil sample.
	325W	-10	-7	48	
	300W	-7	-15	45	
	275W	-2	-10	43	
	250W	0	-6	42	road.
	225W	+1	-8	39	road @ 237
	200W	+3	-9	38	
	175W	+6	-8	36	
	150W	+7	-8	37	
	125W	+10	-7	39	
	100W	+11	-9	40	
	75W	+13	-9	42	
	50W	+17	+2	40	
	25W	+16		36	
	0W	+12		40	

VLF-EM SURVEY

Property Robo Trans Seattle Page 4

Operator RCH Instr Sabre Date Sept 18/85

Line	Stn.	Null	Filter	F.S.	
3+00 N	1000W	-8		75	
	975W	-20	-7	73	
	950W	-13	-13	63	
	925W	-8	-1	71	
	900W	-12	-5	69	
	875W	-8	-7	69	
	850W	-7	-4	70	swamp; no soil sample
	825W	-6	-13	72	road @ 840
	800W	-5	-14	73	
	775W	+5	+1	74	
	750W	-2	+3	73	
	725W	+1	+2	75	
	700W	-1	+7	72	road
	675W	-2	+6	72	
	650W	-5	+5	72	
	625W	-4	+9	67	
	600W	-8	+8	61	
	575W	-10	-3	58	
	550W	-10	-21	57	
	525W	-5	-29	50	
	500W	+6	-6	50	Resumed Sept 21. Gain setting: 14
	475W	+8	+12	57	No soil sample @ 500W
	450W	-1	+4	59	
	425W	+3	-5	62	
	400W	0	-12	62	road & swamp; no soil sample
	375W	+7	-13	64	
	350W	+8	-7	65	soil sample: black clay
	325W	+12	+5	70	
Direction of travel	300W	+10	+19	78	
	275W	+5	+24	86	
	250W	-2	+18	83	
	225W	-7	+11	81	
	200W	-8	-1	75	
	175W	-12	-26	59	
	150W	-2	-34	52	gain setting: 31. Outcrop, area, f. gr. and., no soil samp
	125W	+8	-19	25	
	100W	+12	-8	29	
	75W	+13	-2	26	
	50W	+15	+11	28	
	25W	+12		35	
	0W	+5		39	gain setting: 15

VLF-EM SURVEY

Property Robo Trans Seattle Page 5

Operator RCH Instr Sabre Date Sept 21/85

Line	Stn.	Null	Filter	F.S.	
H+00 N	1000W	-16		78	gain setting: 14
	975W	-11	+4	84	
	950W	-17	-1	88	
	925W	-14	-14	82	swamp. Soil sample: black muck
	900W	-13	-17	77	
	875W	-4	-7	76	road @ 880
	850W	-6	-3	77	
	825W	-4	-6	72	Poor null
	800W	-3	-5	69	Fairly poor null
	775W	-1	-1	72	
	750W	-1	0	73	
	725W	-2	-1	75	road
	700W	0	+4	74	
	675W	-2	+4	78	outcrop: f.gr. and
	650W	-4	0	77	" "
	625W	-2	0	72	" "
	600W	-4	+1	72	
	575W	-2	+5	71	
direction of travel	550W	-5	+1	67	
	525W	-6	-9	62	
	500W	-2	-10	62	
	475W	0	-6	63	
	450W	+2	-3	61	
	425W	+2	+1	61	
	400W	+3	0	60	
	375W	0	-9	61	
	350W	+5	-8	58	
	325W	+7	-15	52	
	300W	+6	-25	51	road @ 310
	275W	+21	0	56	creek @ 290
	250W	+17	+23	66	
	225W	+10	+25	83	
	200W	+5	+30	78	
	175W	-3	+21	86	
	150W	-12	+6	83	
	125W	-7	-3	69	
	100W	-14	-15	66	
	75W	-2	-15	59	outcrop: f.gr.and, flat, 6cm, white qu vein
	50W	-4	-14	55	
	25W	+3		54	
	0W	+5		57	soil sample: C-horizon

VLF-EM SURVEY

Property Robb Trans Seattle Page 6

Operator RCH Instr Sabre Date Sept. 21/'85

Line	Stn.	Null	Filter	F.S.	
5+00N	1000W	-7		89	Gain setting: 14
	975W	-1	-2	93	Swamp
	950W	-4	-5	96	Swamp; no soil sample
	925W	-2	-3	95	Swamp
	900W	+2	0	92	Swamp; no soil sample
	875W	+1	+3	93	
	850W	-1	+3	95	
	825W	+1	+6	100	Poor null
	800W	-4	+2	97	" "
	775W	-2	-1	95	" "
	750W	+3	+1	95	" "
	725W	+2	+7	100	
	700W	-2	-2	96	
	675W	0	-4	93	
	650W	+2	+4	100	
	625W	0	+4	96	Outcrop: f.gr. and.
	600W	-2	-2	95	
Direction of travel	575W	0	+2	95	
	550W	0	+10	88	
	525W	-4	+14	88	
	500W	-6	+12	95	Outcrop: f.gr. and.
	475W	-12	+3	86	
	450W	-10	-3	76	
	425W	-11	-11	74	
	400W	-8	-19	66	
	375W	-2	-9	64	
	350W	+2	0	69	
	325W	-3	-12	68	
	300W	+3	-18	57	
	275W	+8	-19	55	Resumed Sept. 22. Gain setting: 15
	250W	+10	-20	45	road
	225W	+20	-11	52	
	200W	+18	-3	63	
	175W	+23	+11	70	
	150W	+18	+22	78	
	125W	+12	+19	87	
	100W	+7	+11	81	Soil sample: black clay
	75W	+4	+10	82	" "
	50W	+4	+21	82	" "
	25W	-3		85	
	0W	-10		86	

VLF-EM SURVEY

Property Robo Trans Seattle Page 7.

Operator RCH Instr Sabre Date Sept22/85

Line	Stn.	Null	Filter	F.S.	
6+00N	1000W	-5		90	Gain setting: 15
	975W	-1		92	Swamp
	950W	0	-7	88	Swamp; no soil sample
	925W	+1	-10	87	
	900W	+8	-15	94	
	875W	+8	+2	96	Poor null. Road @ 885
	850W	-1	+17	98	" "
	825W	0	+8	98	" "
	800W	-1	-6	96	" "
	775W	+6	-11	94	" "
	750W	+4	-2	98	
	725W	+3	+6	100	
	700W	+1	+2	50	gain setting: 8
	675W	+4	0	50	
	650W	0	+4	54	road @ 665
	625W	+1	+3	57	
	600W	0	+5	53	
direction of travel	575W	-4	+10	52	
	550W	-5	+7	53	Soil sample: dark brown muck
	525W	-6	+2	43	
	500W	-5	-4	48	soil sample: black muck
	475W	-2	-7	46	
	450W	-2	+4	48	
	425W	-6	+7	50	
	400W	-5	+2	46	
	375W	-5	-3	44	
	350W	-3	-4	45	
	325W	-3	+1	37	
	300W	-6	-1	33	
	275W	+1	-3	32	
	250W	+5	-20	31	
	225W	+10	-16	28	
	200W	+12	-17	30	
	175W	+20	-22	29	
	150W	+24	-8	40	Soil sample: A-1 horizon
	125W	+16	+13	42	
	100W	+15	+6	43	Soil sample: dark grey muck
	75W	+19	0	45	
	50W	+12	+17	44	Soil sample: dark grey muck
	25W	+5	+25	45	
	0W	+1		42	Old bog; no soil sample

VLF-EM SURVEY

Property Robb Trans Seattle Page 8

Operator RCH Instr Sabre Date Sept 23/85

Line	Stn.	Null	Filter	F.S.	
7+00N	1000W	-2		67	swamp; no soil sample
	975W	+5	+5	63	
	950W	+1	+6	72	Thick organic cover; no soil sample
	925W	-3	-10	75	road
	900W	+3	-19	68	Soil sample: C-horizon
	875W	+5	-15	68	
	850W	+14	+3	68	road
	825W	+9	+7	74	
	800W	+7	+4	75	
	775W	+9	+9	80	
	750W	+3	+3	83	
	725W	+4	0	74	
	700W	+5	+5	80	
	675W	+2	-2	80	road @ 680
	650W	+2	-3	77	
	625W	+7	+10	78	
	600W	0	+10	90	
	575W	-1	+3	70	
	550W	-2	+4	74	
	525W	-2	+5	65	
	500W	-5	+4	61	
	475W	-4	+6	66	
	450W	-7	+4	60	Outcrop @ 440; f.gr.and.
	425W	-8	-4	58	
	400W	-7	-5	55	
	375W	-4	+2	53	
Direction of travel	350W	-6	-3	52	
	325W	-7	-12	49	
	300W	0	-13	45	
	275W	-1	-18	46	
	250W	+7	-16	42	Edge of forest @ 265
	225W	+10	-3	48	
	200W	+12	+6	51	road @ 210
	175W	+8	+8	50	
	150W	+8	+10	54	swamp; no soil sample
	125W	+4	+12	59	
	100W	+2	+6	55	swamp; no soil sample
	75W	-2	-6	55	
	50W	+2	-4	51	
	25W	+4		49	
	0W	0		50	gain setting: 10

VLF-EM SURVEY

Property Robo Trans Seattle Page 9

Operator RCH Instr Sabre Date Sept. 23/85

Line	Stn.	Null	Filter	F.S.	
8+00 N	1000W	+6		52	gain setting: 10
	975W	+6	-9	53	
	950W	+12	-7	60	
	925W	+9	-7	71	
	900W	+16	-2	72	
	875W	+12	+7	76	
	850W	+11	+4	78	
	825W	+10	+4	73	
	800W	+9	+2	77	
	775W	+8	0	81	
	750W	+9	-1	81	
	725W	+8	0	85	
	700W	+10	+12	85	
	675W	+7	+20	84	trench @ 665
	650W	-1	+11	90	Edge of forest
	625W	-2	0	91	
Direction of travel	600W	-3	-6	85	Very thick organic cover; no soil sample
	575W	0	-5	83	
	550W	+1	+4	81	
	525W	+1	+15	80	
	500W	-4	+17	85	
	475W	-9	+5	77	Outcrop: S. gr. and.
	450W	-11	-3	65	
	425W	-7	-1	65	
	400W	-10	-3	70	
	375W	-7	-3	62	
	350W	-7	-3	61	
	325W	-7	-8	60	
	300W	-4	-9	57	
	275W	-2	-15	53	
	250W	0	-24	44	
	225W	+9	-6	55	road
	200W	+13	+23	64	swamp; no soil sample
	175W	+2	+22	57	swamp
	150W	-3	+15	63	swamp; no soil sample
	125W	-4	+18	63	swamp
	100W	-12	+21	60	swamp; no soil sample
	75W	-13	+16	60	swamp
	50W	-24	-12	45	swamp; no soil sample
	25W	-17		40	
	0W	-8		40	

VLF-EM SURVEY

Property Robo Trans Seattle Page 10

Operator RCH Instr Sabre Date Oct 1/85

Line	Stn.	Null	Filter	F.S.	
9+00N	1000W	-8		43	gain setting: 8
	975W	-5	-15	42	
	950W	0	-11	45	
	925W	+2	-15	42	
	900W	+4	-22	48	
	875W	+13	-5	49	road
	850W	+15	+14	48	
	825W	+7	+2	57	
	800W	+7	-6	52	
	775W	+13	-6	52	
	750W	+7	+1	56	
	725W	+7	-5	56	
	700W	+12	0	53	
	675W	+7	+1	45	
	650W	+12	+10	50	
	625W	+6	+14	55	
Direction of travel	600W	+3	+8	43	road, forest edge
	575W	+1	+5	49	Cat forest edge, between 9N and 10N
	550W	0	+4	54	cliffs of f.gr. and.
	525W	-1	+4	58	
	500W	-2	+3	43	
	475W	-3	+9	41	
	450W	-3	+8	42	
	425W	-11	-5	41	415 to 445: outcrop, f.gr. and.
	400W	-3	-1	40	
	375W	-6	+9	42	
	350W	-7	+6	42	
	325W	-11	-4	43	
	300W	-8	-4	42	
	275W	-6	-1	42	
	250W	-9	-8	38	
	225W	-4	+1	41	
	200W	-3	+10	45	
	175W	-11	-2	40	
	150W	-6	-7	36	road @ 140
	125W	-6	0	33	
	100W	-4	+2	33	
	75W	-8	-1	43	swamp
	50W	-4	+7	44	swamp; no soil sample
	25W	-7		45	swamp
	0W	-12		45	swamp; no soil sample

VLF-EM SURVEY

Property Robo Trans Seattle Page 11

Operator RCH Instr Sabre Date Oct. 1 / '85

Line	Stn.	Null	Filter	F.S.	
10+00 N	1000W	-10		56	
	975W	-12	-19	47	
	950W	-7	-22	43	
	925W	+4	-5	43	
	900W	-1	-6	44	
	875W	+3	-16	44	
	850W	+6	-10	47	road. Soil sample not B-horizon; coffee brown
	825W	+12	-2	48	
	800W	+7	-2	50	
	775W	+13	+2	51	
	750W	+8	+1	54	
	725W	+10	+2	55	
	700W	+10	+6	58	
	675W	+6	+5	66	
	650W	+8	+5	62	
	625W	+3	+1	64	
	600W	+6	+2	58	outcrop area: f.gr. and.
	575W	+4	+5	56	
	550W	+3	+4	56	
	525W	+2	+7	47	
	500W	+1	+12	55	
	475W	-3	+6	56	
	450W	-6	-2	52	outcrop @ 460: f-gr. and.; rock sample
	425W	-3	+1	50	
	400W	-4	+10	48	
	375W	-6	+10	48	
	350W	-11	-3	55	
	325W	-9	-5	49	
Direction of travel	300W	-5	+6	43	
	275W	-10	+4	43	
	250W	-10	+2	41	
	225W	-9	+4	42	
	200W	-13	+3	43	
	175W	-10	+3	40	
	150W	-15	-13	40	road @ 137
	125W	-11	-34	34	
	100W	-1	-26	33	
	75W	+9	+5	34	Swamp
	50W	+5	+19	47	Swamp; no soil sample
	25W	-2		47	Swamp
	0W	-3		50	gain setting: 8. Swamp; no soil sample

VLF-EM SURVEY

Property Robo Trans Seattle Page 12

Operator RCH Instr Sabre Date Oct 2/'85

Line	Stn.	Null	Filter	F.S.	
11+00 N	1000W				No soil sample
	975W				
	950W	-4		54	
	925W	-2	-3	56	
	900W	-2	-12	53	
	875W	-1	-18	56	
	850W	+9	-5	55	Outcrop area - No soil sample
	825W	+6	+2	57	f. gr. and.
	800W	+7	0	55	
	775W	+6	-4	58	
	750W	+7	-7	61	Outcrop; f. gr. and.
	725W	+10	-1	63	
	700W	+10	+10	65	Edge of forest
	675W	+8	+12	66	outcrop; f. gr. and.
	650W	+2	+8	66	
	625W	+4	+12	63	outcrop; f. gr. and.
	600W	-2	+9	68	
	575W	-4	-7	68	
	550W	-3	-9	64	Outcrop area; f. gr. and.
	525W	+4	+4	60	
	500W	-2	+11	65	
	475W	-1	+13	64	
	450W	-8	+7	64	
	425W	-8	+2	60	
	400W	-8	0	64	
	375W	-10	-10	62	
	350W	-6	-6	60	
	325W	-2	+14	60	
	300W	-8	+17	66	Soil sample not B horizon; light brown
Direction of travel	275W	-14	+6	61	
	250W	-13	+5	57	
	225W	-15	+5	52	
	200W	-17	-3	50	
	175W	-16	-6	44	
	150W	-13	-10	43	
	125W	-14	-14	44	
	100W	-5	-6	42	
	75W	-8	-4	43	
	50W	-5	-1	44	road
	25W	-4		48	swamp
	0W	-8		50	gain setting: 9.5

VLF-EM SURVEY

Property Robo Trans Seattle Page 13

Operator RCH Instr Sabre Date Oct2/'85

Line	Stn.	Null	Filter	F.S.	
12+00N	1000W				No soil Sample
	975W				
	950W				
	925W	-2		63	gain setting: g.s. Road; outcrop: f.gr. and
	900W	-2	-5	56	
	875W	-2	-14	57	
	850W	+3	-16	55	Outcrop: f.gr. and.
	825W	+7	-12	56	Outcrop: f.gr. and.
	800W	+10	-3	52	
	775W	+12	-1	55	
	750W	+8	0	62	
	725W	+15	+18	65	
Direction of Travel	700W	+5	+17	63	
	675W	0	+6	61	
	650W	+3	+12	63	
	625W	-4	+6	57	
	600W	-5	-1	56	
	575W	-2	+6	55	
	550W	-6	+6	52	
	525W	-7	+1	52	
	500W	-7	+4	51	
	475W	-7	+10	48	
	450W	-11	+2	47	
	425W	-13	-5	47	
	400W	-7	+4	48	
	375W	-12	+3	46	
	350W	-12	-4	42	
	325W	-10	+1	40	
	300W	-10	+6	41	
	275W	-13	+2	42	
	250W	-13	-4	40	
	225W	-12	-7	40	
	200W	-10	-3	37	
	175W	-8	+7	38	
	150W	-11	+8	38	
	125W	-14	-5	37	
	100W	-13	-17	37	road
	75W	-7	-16	38	Swamp
	50W	-3	-3	44	Swamp; no soil sample
	25W	-1		43	Swamp
	0W	-6		45	

VLF-EM SURVEY

Property Robo Trans — Page 14

Operator RCH Instr — Date Oct 3/'85

Line	Stn.	Null	Filter	F.S.	
13+00 N	Seattle not transmitting				
	750W				Talus slope; soil sample light brown
	700W				Top of high cliff; f. gr. and.
	625W				Outcrop: f. gr. and.
	600W				Outcrop area; f. gr. and.
	575W				
	550W				
	525W				
	500W				
	475W				
	450W				
	425W				
					Rusty float @ 85W; rock sample

VLF-EM SURVEY

Property Robo Trans — Page 15

Operator RCH Instr — Date Sept 19/85

Line	Stn.	Null	Filter	F.S.	
14+00 N	Seattle not transmitting				
	650 W				Cliffs & large outcrop areas: f. gr. and.
	625 W				
Direction of travel	600 W				
	575 W				
	550 W				
	525 W				
	500 W				
	450 W				Moss covered rock slope, f. gr. and. no soil sample
	100 W				At 0 W tieline
	50 W				No soil sample
	0 W				No soil sample

VLF-EM SURVEY

Property Robo Trans — Page 16

Operator RCH Instr — Date

Line	Stn.	Null	Filter	F.S.	
15+00 N	Seattle not transmitting				
	1000W				Outcrop: f.gr. and. Flow tops flat lying?
	700W				Soil sample: black clay
	350W				Outcrop: f.gr. and.
	225W				Outcrop: f.gr. and.

APPENDIX B

GEOCHEMICAL ASSAYS

:ME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 26 1985

DATE REPORT MAILED: Oct 2/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

R.C. HEIM PROJECT - CLS FILE # 85-2552

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
15N 1000W	19	13	27	.1	26	1
15N 950W	28	20	61	.2	721	1
15N 900W	35	7	45	.1	24	8
15N 850W	23	10	79	.2	13	1
15N 800W	11	16	28	.2	4	1
15N 750W	70	11	69	.3	2	1
15N 700W	100	10	46	.9	4	1
15N 650W	27	11	55	.1	5	1
15N 600W	19	8	46	.1	4	1
15N 550W	17	25	28	.1	3	1
15N 500W	56	13	52	.6	2	1
15N 450W	18	9	63	.6	2	3
15N 400W	15	14	59	.3	2	1
15N 350W	45	13	81	.3	7	1
15N 300W	78	12	57	1.6	13	1
15N 250W	18	12	54	.2	2	2
15N 200W	19	8	79	.2	3	1
15N 150W	31	12	41	.3	4	1
15N 100W	11	3	27	.1	2	1
15N 50W	7	11	30	.1	2	2
15N 0W	7	9	37	.2	2	1
14N 1000W	19	9	53	.1	10	1
14N 950W	11	5	34	.1	4	1
14N 900W	11	9	36	.3	5	1
14N 850W	11	5	36	.1	3	1
14N 800W	11	9	32	.1	2	1
14N 750W	15	8	44	.1	2	1
14N 700W	21	10	46	.1	2	1
14N 650W	14	10	36	.3	2	2
14N 600W	32	12	67	.1	6	1
14N 550W	38	2	72	.1	7	1
14N 500W	26	7	58	.1	2	1
14N 400W	13	5	47	.1	2	1
14N 350W	35	8	53	.1	2	1
14N 300W	12	12	41	.1	2	1
14N 250W	18	7	35	.1	2	1
STD C/AU 0.5	61	39	136	7.0	40	505

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
14N 200W	8	6	18	.2	2	1
14N 150W	9	9	24	.3	2	1
14N 100W	9	2	22	.2	5	1
8N 1000W	13	11	46	.2	10	1
8N 950W	21	8	66	.1	11	1
8N 900W	7	5	41	.2	9	2
8N 850W	19	8	62	.2	63	10
8N 800W	11	9	33	.3	7	1
8N 750W	7	8	27	.3	10	1
8N 700W	12	9	73	.2	8	2
8N 650W	14	5	80	.5	4	1
8N 550W	6	11	33	.1	4	3
8N 500W	9	13	56	.3	4	1
8N 450W	17	13	43	.6	2	2
8N 400W	11	12	39	.3	2	1
8N 350W	14	4	46	.2	2	1
8N 300W	6	8	25	.2	2	1
8N 250W	7	8	24	.2	2	1
8N 0W	9	2	32	.1	3	1
7N 900W	46	11	37	.1	42	1
7N 850W	66	5	51	.2	71	6
7N 800W	19	3	37	.1	23	1
7N 750W	20	6	34	.1	14	2
7N 700W	14	8	72	.1	7	1
7N 650W	11	14	46	.2	10	1
7N 600W	37	9	86	.2	12	1
7N 550W	11	7	43	.2	2	2
7N 500W	14	5	30	.1	6	1
7N 450W	9	8	29	.1	4	1
7N 400W	17	9	38	.4	6	1
7N 350W	15	2	29	.1	6	1
7N 300W	36	12	53	.2	45	1
7N 250W	13	5	16	.1	11	1
7N 200W	5	8	22	.1	5	1
7N 50W	10	15	35	.2	4	1
7N 0W	14	3	75	.2	4	1
STD C/AU 0.5	60	39	134	7.2	38	530

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
6N 1000W	10	9	24	.1	3	2
6N 900W	24	9	56	.1	23	2
6N 850W	10	20	49	.1	28	1
6N 800W	20	8	31	.1	43	1
6N 750W	21	8	37	.1	11	3
6N 700W	18	7	36	.1	13	12
6N 650W	8	9	38	.1	4	2
6N 600W	8	13	41	.1	15	3
6N 550W	124	35	91	.3	35	1
6N 500W	76	3	22	.1	3	1
6N 450W	13	9	23	.1	2	2
6N 400W	9	6	27	.1	2	1
6N 350W	25	2	32	.1	2	1
6N 300W	7	9	21	.1	2	2
6N 250W	11	11	35	.1	2	2
6N 200W	7	7	27	.1	2	1
6N 150W	57	11	61	.1	4	2
6N 100W	70	9	50	.3	7	1
6N 50W	9	9	25	.1	2	3
5N 1000W	12	10	38	.2	6	2
5N 850W	12	12	33	.1	13	2
5N 800W	21	7	27	.1	12	1
5N 750W	8	13	29	.3	6	1
5N 700W	17	11	31	.2	12	2
5N 650W	28	8	50	.1	13	1
5N 600W	13	12	56	.2	21	1
5N 550W	9	12	33	.2	2	9
5N 500W	18	5	34	.1	2	2
5N 450W	6	9	13	.1	2	1
5N 400W	11	7	25	.1	2	1
5N 350W	10	7	30	.1	2	1
5N 300W	5	12	20	.1	2	2
5N 250W	4	12	29	.1	2	1
5N 200W	13	8	50	.1	2	1
5N 150W	11	14	49	.1	2	1
5N 100W	70	15	43	.2	8	2
STD C/AU-0.5	61	40	139	7.2	37	500

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
5N 50W	9	6	55	.2	2	1
5N 0W	38	6	45	.3	2	1
4N 1000W	9	6	49	.1	2	1
4N 950W	58	16	142	.9	18	8
4N 900W	10	6	57	.1	2	1
4N 850W	8	7	40	.3	42	1
4N 800W	11	4	41	.2	24	1
4N 750W	16	7	41	.2	13	1
4N 700W	15	2	32	.1	14	1
4N 650W	7	4	29	.1	6	2
4N 600W	8	7	29	.2	4	1
4N 550W	11	3	40	.2	3	1
4N 500W	7	5	40	.2	2	2
4N 450W	10	6	31	.1	3	1
4N 400W	5	2	21	.1	2	1
4N 350W	8	6	29	.1	2	1
4N 300W	13	7	30	.1	2	1
4N 250W	21	3	45	.2	2	1
4N 200W	8	9	38	.1	3	2
4N 150W	6	2	47	.1	2	1
4N 100W	91	17	68	.3	12	1
4N 50W	18	12	56	.1	2	2
4N 0W	21	3	33	.1	2	2
3N 1000W	22	11	70	1.0	5	2
3N 950W	13	6	52	.6	2	1
3N 900W	23	6	31	.1	6	1
3N 800W	21	10	65	.6	133	1
3N 750W	11	5	37	.1	11	1
3N 700W	21	6	34	.1	11	2
3N 650W	14	4	33	.1	6	1
3N 600W	7	9	25	.1	2	1
3N 550W	7	6	16	.1	3	2
3N 450W	9	4	24	.1	2	1
3N 350W	14	2	32	.1	4	2
3N 300W	5	5	28	.1	2	2
3N 250W	15	10	49	.1	2	2
STD C/AU-0.5	61	38	137	6.9	39	495

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
3N 200W	25	15	58	.1	2	2
3N 100W	52	13	55	.1	6	1
3N 50W	8	3	22	.1	2	1
3N 0W	9	10	36	.1	2	2
2N 950W	154	18	69	.9	7	2
2N 900W	12	6	31	.1	4	1
2N 850W	6	7	24	.1	2	1
2N 750W	14	12	34	.1	36	1
2N 700W	14	11	37	.1	7	3
2N 650W	10	12	35	.1	2	1
2N 550W	5	11	16	.2	2	1
2N 500W	5	7	14	.1	2	2
2N 450W	14	7	36	.1	2	1
2N 400W	134	12	51	.6	19	1
2N 300W	14	20	46	.1	2	2
2N 250W	14	20	52	.1	3	3
2N 200W	6	12	38	.1	2	1
2N 150W	9	6	36	.1	2	2
2N 100W	20	8	65	.1	3	2
2N 50W	21	13	64	.1	2	2
2N 0W	8	2	22	.1	2	3
1N 1000W	15	14	99	.8	3	2
1N 950W	13	11	47	.2	9	3
1N 900W	6	4	20	.1	3	4
1N 850W	11	9	35	.1	6	1
1N 800W	21	11	78	.1	21	2
1N 750W	14	17	73	.1	3	2
1N 700W	9	11	44	.2	2	1
1N 650W	8	9	37	.1	2	2
1N 600W	7	5	29	.1	2	2
1N 550W	15	12	39	.1	2	1
1N 500W	15	8	41	.1	2	1
1N 450W	6	8	16	.1	2	1
1N 400W	10	13	29	.1	3	2
1N 350W	4	5	17	.1	2	1
1N 300W	10	6	28	.1	4	2
STD C/AU-0.5	59	41	132	7.0	38	520

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
1N 250W	6	8	31	.1	2	1
1N 200W	6	10	31	.1	3	1
1N 150W	5	4	18	.1	2	2
1N 100W	23	4	69	.5	8	1
1N 50W	98	2	62	.4	10	1
1N 0W	12	8	50	.1	2	1
ON 1000W	15	12	79	.8	5	2
ON 950W	13	6	24	.2	3	1
ON 900W	12	9	26	.2	5	2
ON 850W	10	3	35	.2	2	1
ON 800W	64	17	74	.8	12	1
ON 750W	11	17	49	.4	4	1
ON 700W	15	8	47	.3	23	1
ON 650W	10	12	33	.2	4	2
ON 600W	9	6	23	.2	3	1
ON 550W	6	6	16	.1	2	1
ON 500W	5	5	18	.1	2	1
ON 450W	10	9	37	.1	2	1
ON 400W	21	12	46	.1	2	1
ON 350W	11	11	26	.1	4	1
ON 300W	11	4	36	.2	5	2
ON 250W	57	2	44	.1	10	1
ON 200W	39	9	55	.1	8	1
ON 150W	10	3	32	.1	2	1
ON 100W	25	12	66	.1	8	2
ON 50W	9	3	22	.1	2	1
ON 0W	18	3	56	.2	2	1
STD C/AU-0.5	60	40	134	7.2	39	510

ACME ANALYTICAL LABORATORIES LTD.
'2 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
HONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: OCT 7 1985

DATE REPORT MAILED: Oct 15, 1985

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

R.C. HEIM PROJECT - CLS FILE # 85-2687

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
13N 1000W	14	2	27	.1	11	1
13N 950W	10	2	39	.1	6	1
13N 900W	20	7	47	.1	36	2
13N 850W	9	4	35	.1	5	1
13N 800W	11	2	32	.2	7	1
13N 750W	16	2	49	.2	8	2
13N 700W	20	10	49	.1	5	3
13N 650W	11	9	47	.1	4	1
13N 600W	22	4	59	.3	6	2
13N 550W	33	7	48	.1	2	1
13N 500W	19	5	47	.1	3	1
13N 450W	27	9	45	.2	3	2
13N 400W	12	6	67	.1	2	1
13N 350W	18	4	39	.1	2	1
13N 300W	24	5	39	.2	2	1
13N 250W	10	3	39	.1	2	2
13N 200W	79	34	48	.4	9	2
13N 150W	8	3	13	.1	2	1
13N 100W	7	2	18	.1	2	1
13N 50W	6	6	33	.2	2	10
13N 0W	2	5	26	.1	2	4
12N 950W	60	39	42	.4	223	8
12N 900W	26	31	62	.3	17	1
12N 850W	9	7	42	.2	2	7
12N 800W	12	7	40	.1	8	4
12N 750W	27	11	65	.2	134	3
12N 700W	31	7	53	.2	19	1
12N 650W	15	9	30	.1	3	5
12N 600W	15	6	44	.2	3	1
12N 550W	10	8	35	.1	2	1
12N 500W	14	36	97	.1	3	1
12N 450W	10	11	39	.2	2	1
12N 400W	14	10	30	.2	2	2
12N 350W	26	5	46	.1	2	1
12N 300W	19	7	45	.1	3	1
12N 250W	2	5	12	.4	2	1
STD C/AU-0.5	60	39	132	7.2	37	495

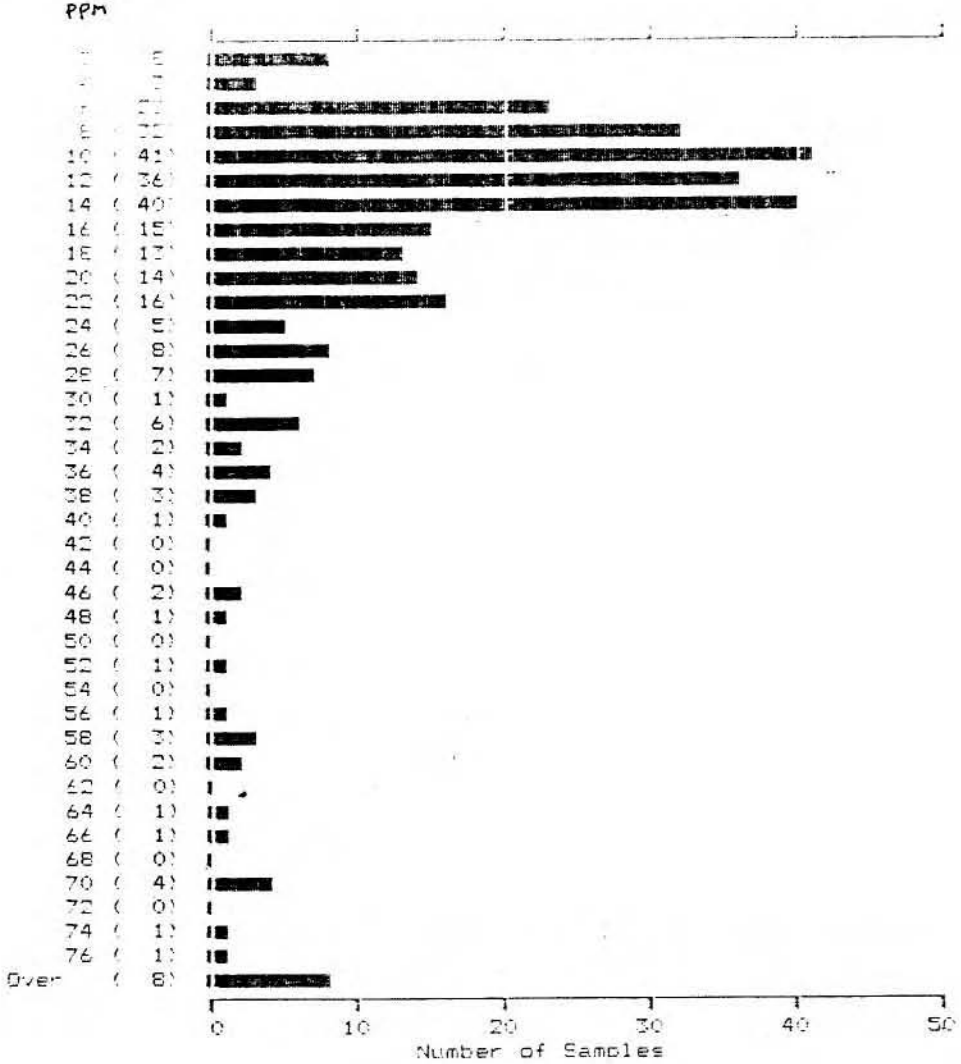
SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
12N 200W	7	9	16	.3	2	1
12N 150W	2	5	13	.2	2	1
12N 100W	12	6	23	.1	2	1
12N 0W	2	10	25	.2	2	1
11N 950W	13	11	54	.3	13	1
11N 900W	48	15	60	.5	26	2
11N 800W	34	12	97	.1	91	1
11N 750W	14	7	42	.1	4	3
11N 700W	13	8	52	.5	14	1
11N 650W	21	13	63	.1	2	2
11N 600W	18	9	63	.2	3	1
11N 550W	14	7	35	.1	2	1
11N 500W	9	13	33	.1	2	1
11N 450W	13	12	47	.2	2	1
11N 400W	8	9	25	.1	2	1
11N 350W	25	11	75	.1	2	1
11N 300W	5	10	27	.2	3	1
11N 250W	7	8	23	.1	3	1
11N 200W	2	9	18	.1	2	2
11N 150W	10	11	25	.4	2	1
11N 100W	2	8	25	.1	2	1
11N 50W	11	13	31	.3	2	1
11N 0W	12	16	33	.1	2	3
10N 1000W	31	6	33	.5	17	1
10N 950W	59	14	73	.3	75	7
10N 900W	73	22	80	.4	48	1
10N 850W	69	13	51	.1	27	6
10N 800W	12	10	46	.2	9	1
10N 750W	9	12	35	.3	5	1
10N 700W	9	10	41	.1	3	4
10N 650W	20	9	47	.2	2	2
10N 600W	9	7	26	.3	3	1
10N 550W	13	7	27	.1	2	1
10N 500W	21	10	40	.3	2	125
10N 450W	13	21	48	.6	3	1
10N 400W	13	10	25	.4	6	1
STD C/AU-0.5	59	40	136	6.9	36	510

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
10N 350W	22	3	54	.1	2	2
10N 300W	13	2	51	.1	3	1
10N 250W	8	4	24	.1	2	1
10N 200W	8	8	27	.1	2	1
10N 150W	6	15	28	.1	2	2
10N 100W	11	10	21	.1	4	1
9N 1000W	29	6	54	.2	53	1
9N 950W	32	3	136	.1	26	2
9N 900W	32	19	110	.5	62	3
9N 850W	13	6	36	.3	12	2
9N 800W	14	5	54	.1	11	3
9N 750W	36	5	35	.1	9	1
9N 700W	9	15	44	.1	7	1
9N 650W	7	6	18	.2	7	2
9N 600W	15	7	39	.1	2	1
9N 550W	28	9	23	.1	6	1
9N 500W	13	13	40	.5	5	3
9N 450W	27	6	34	.1	23	1
9N 400W	25	4	51	.1	2	2
9N 350W	8	15	29	.2	2	1
9N 300W	5	10	28	.4	2	2
9N 250W	14	12	29	.3	2	1
9N 200W	3	9	21	.2	3	3
9N 150W	2	8	13	.2	2	4
9N 100W	1	9	11	.1	2	2
STD C/AU-0.5	59	38	131	7.2	38	510

APPENDIX C

HISTOGRAMS

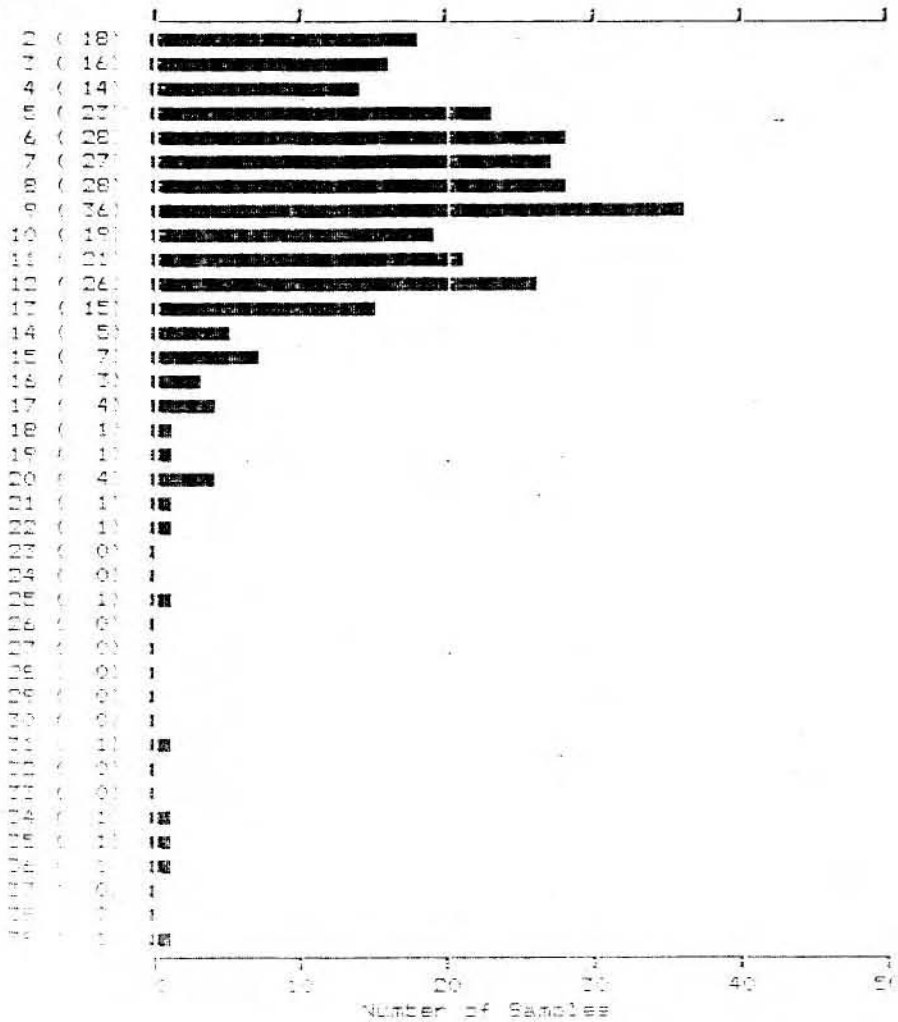
CU
PPM



204 Samples Maximum: 154 Minimum: 1 Mean: 19.22039

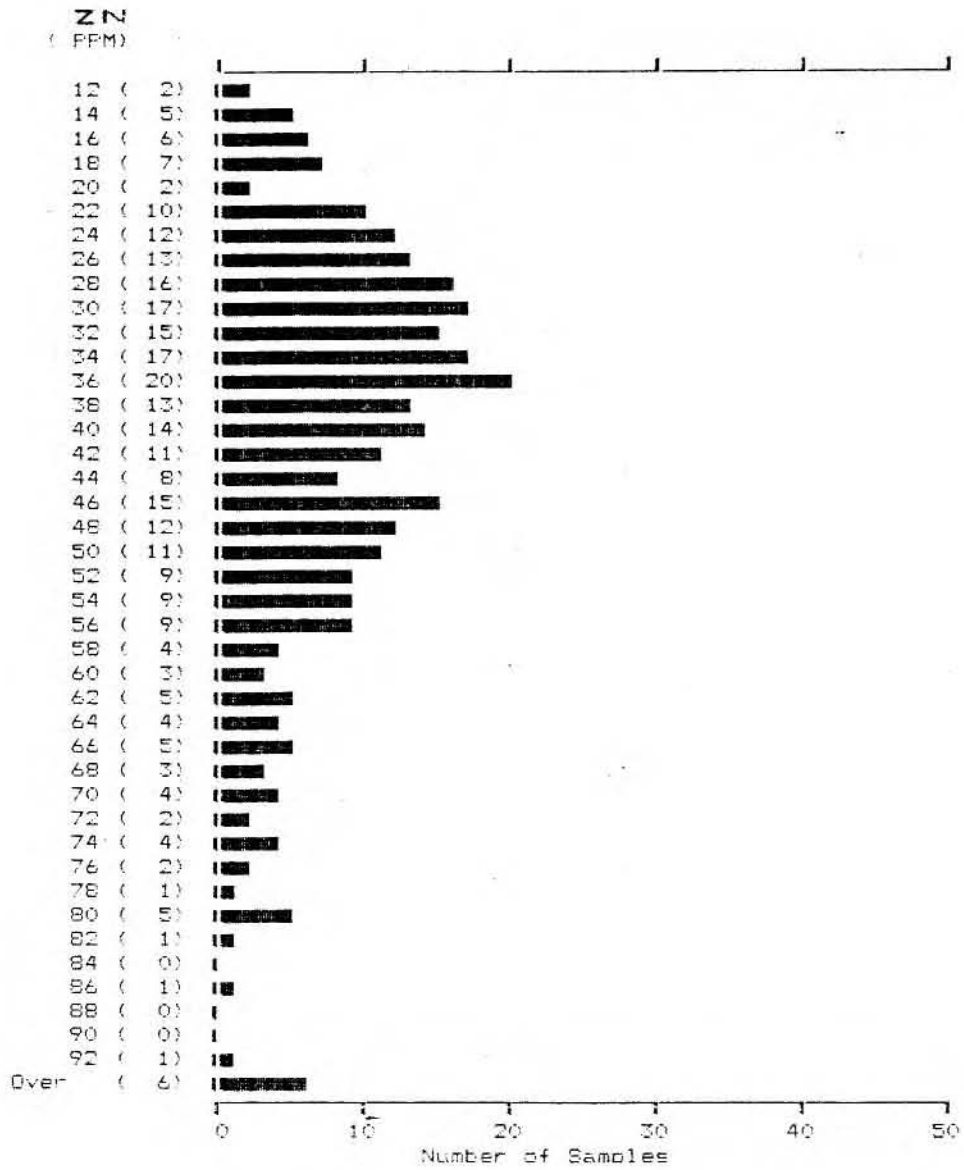
S.C. HEIM - PROJECT CLS

PB
PPM)



704 Samples Minimum: 2 Maximum: 39 Mean: 9.000284

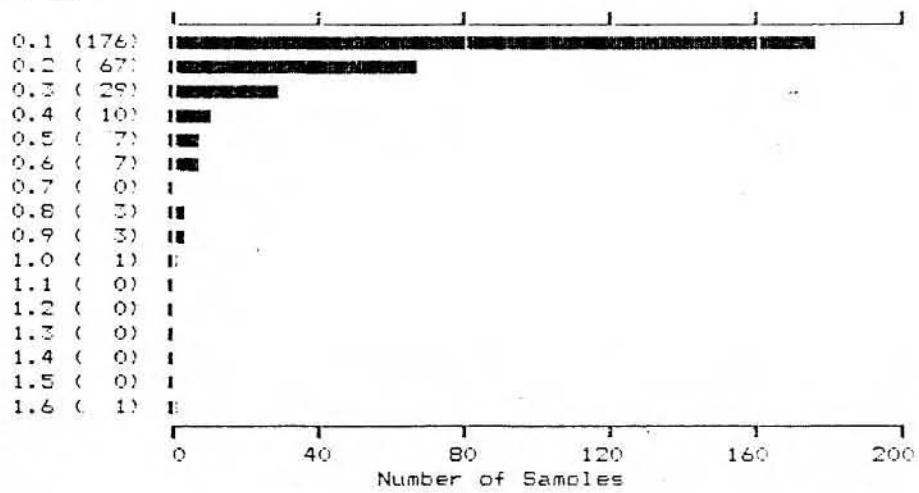
R.C. HEIM - PROJECT CLS



704 Samples Maximum: 142 Minimum: 11 Mean: 41.84211

R.C. HEIM - PROJECT CLS

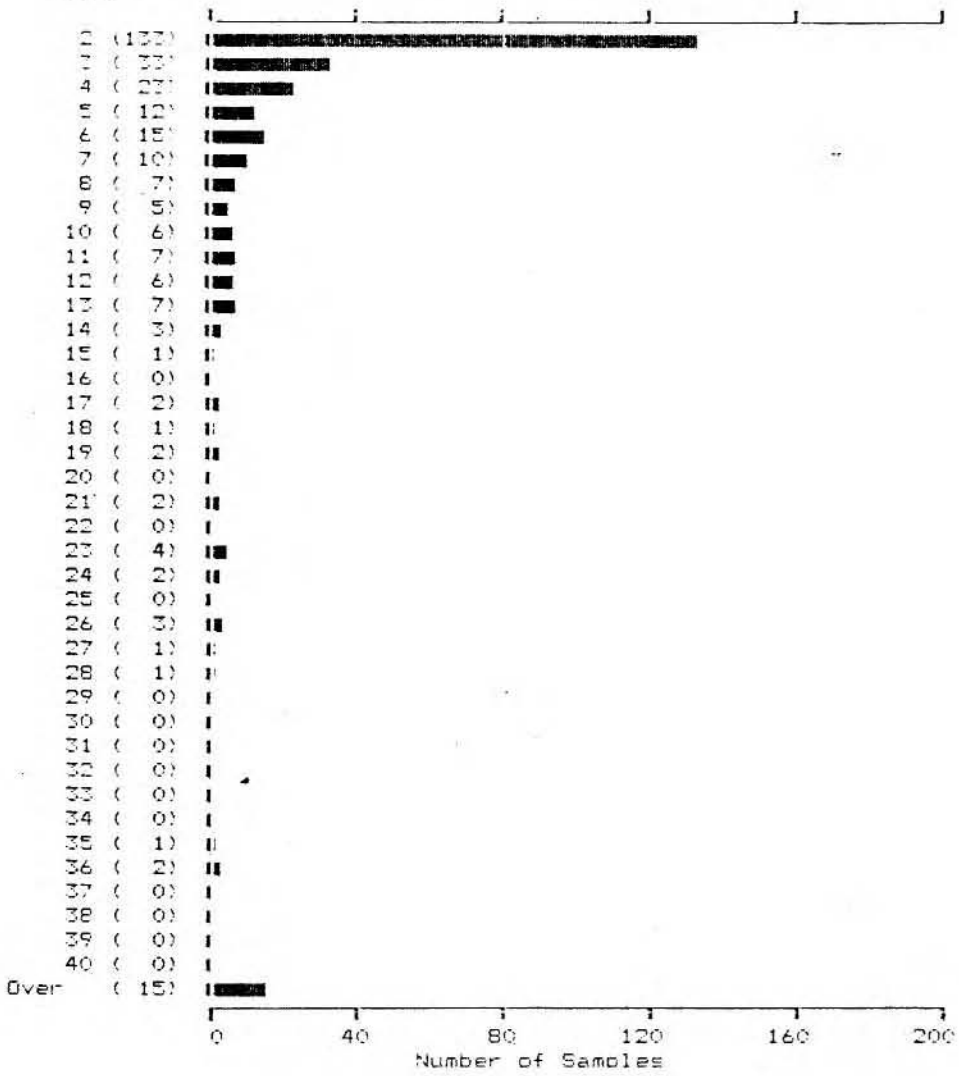
AG
(PPM)



304 Samples Maximum: 1.6 Minimum: .1 Mean: .1944077

R.C. MEIM - PROJECT CLS

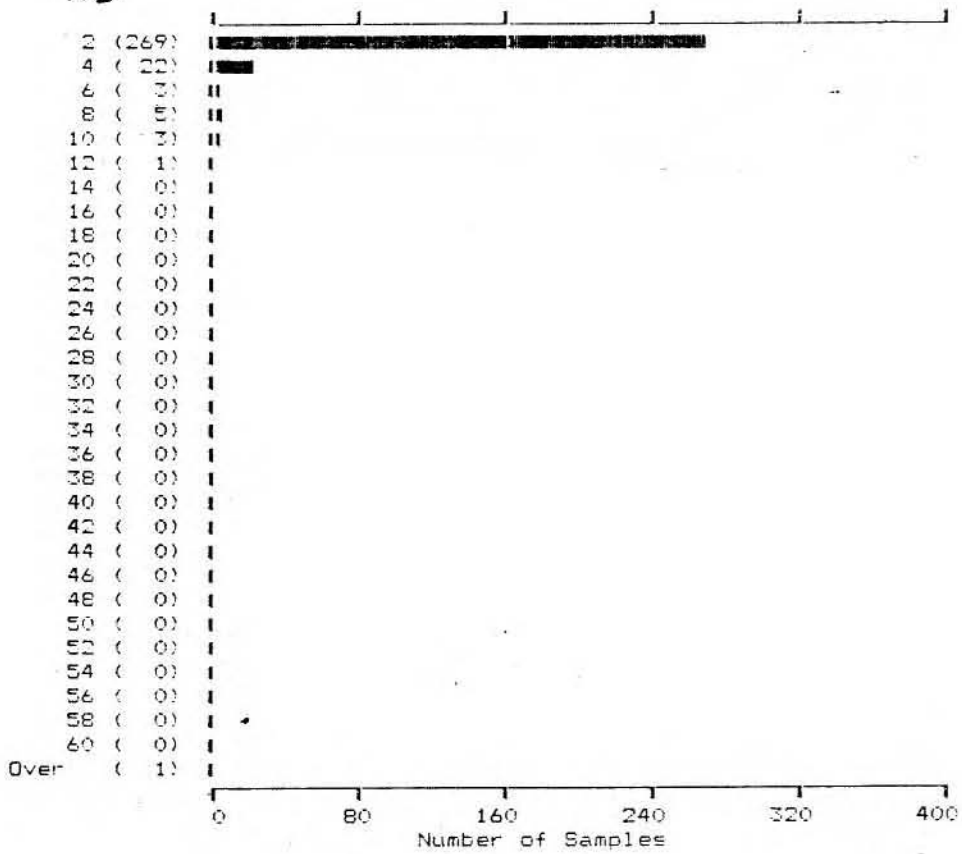
AS
PPM



304 Samples Maximum: 721 Minimum: 2 Mean: 11.49013

S.C. HEIM - PROJECT CLS

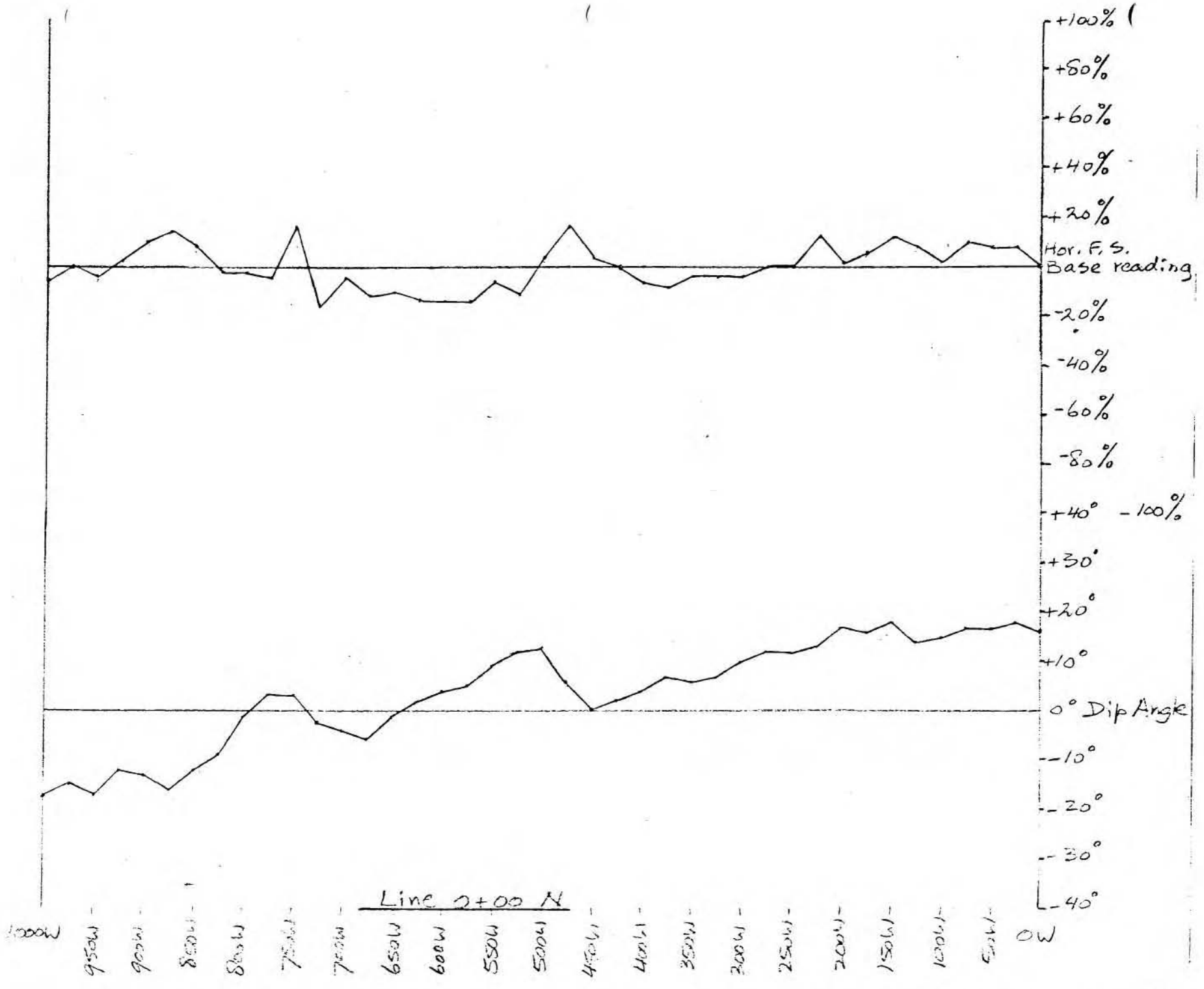
AU*
PPB)



304 Samples Maximum: 125 Minimum: 1 Mean: 2.082237

APPENDIX D

VLF-EM DIP ANGLES AND FIELD STRENGTHS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+40%
+20%
Hor. F.S.
Base reading
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-40%
-60%
-80%
-100%
+40°
+30°
+20°
+10°
0° Dip Angle
-10°
-20°
-30°
-40°
Line 2+00 N
1000W
950W
900W
850W
800W
750W
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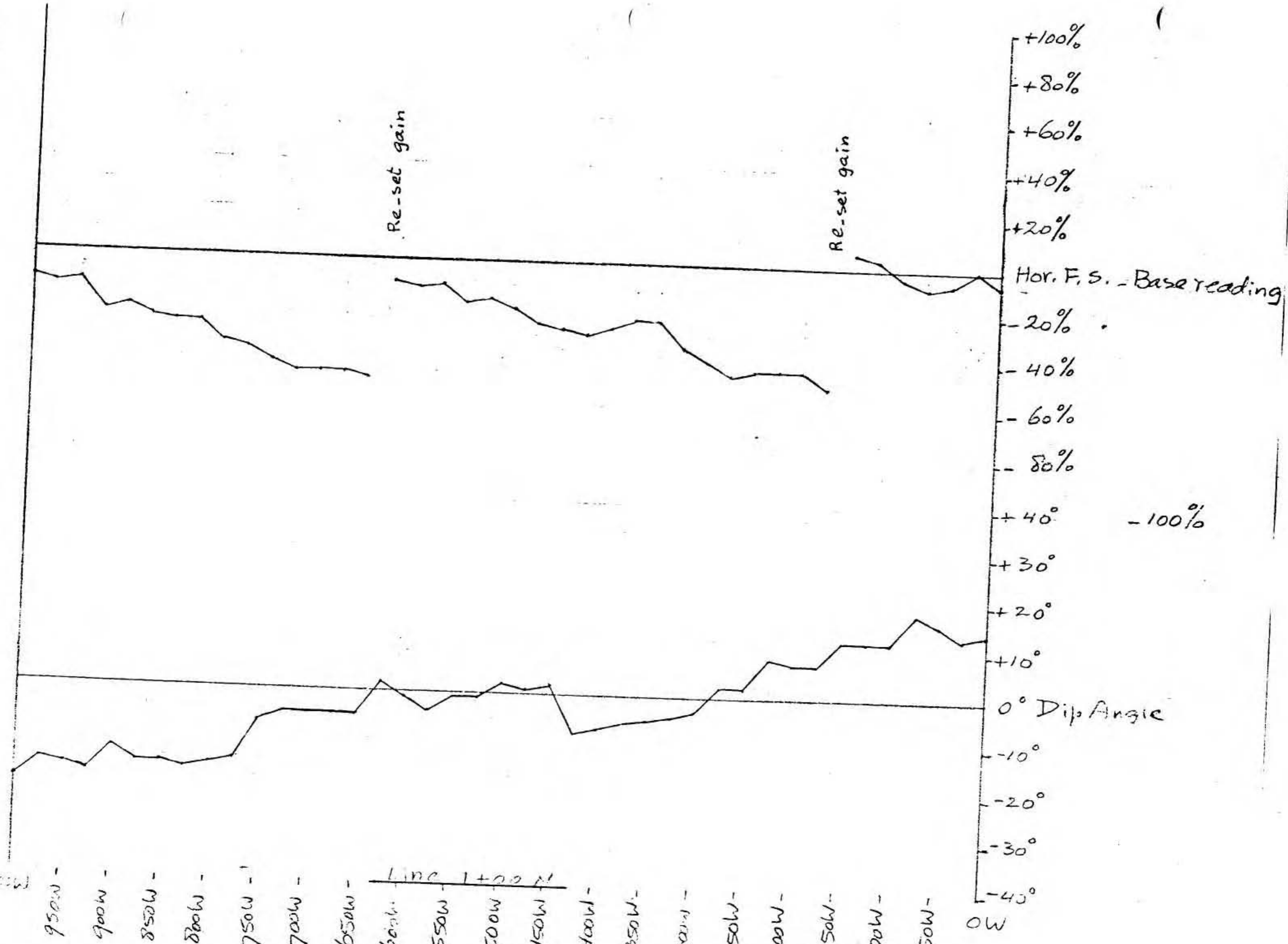

Re-set gain
Re-set gain
+100%
+80%
+60%
+40%
+20%
Hor. F. S. - Base reading
-20%
-40%
-60%
-80%
-100%
+40°
+30°
+20°
+10°
0° Dip Angle
-10°
-20°
-30°
-40°
Line 1+00 N
950W
900W
850W
800W
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250W
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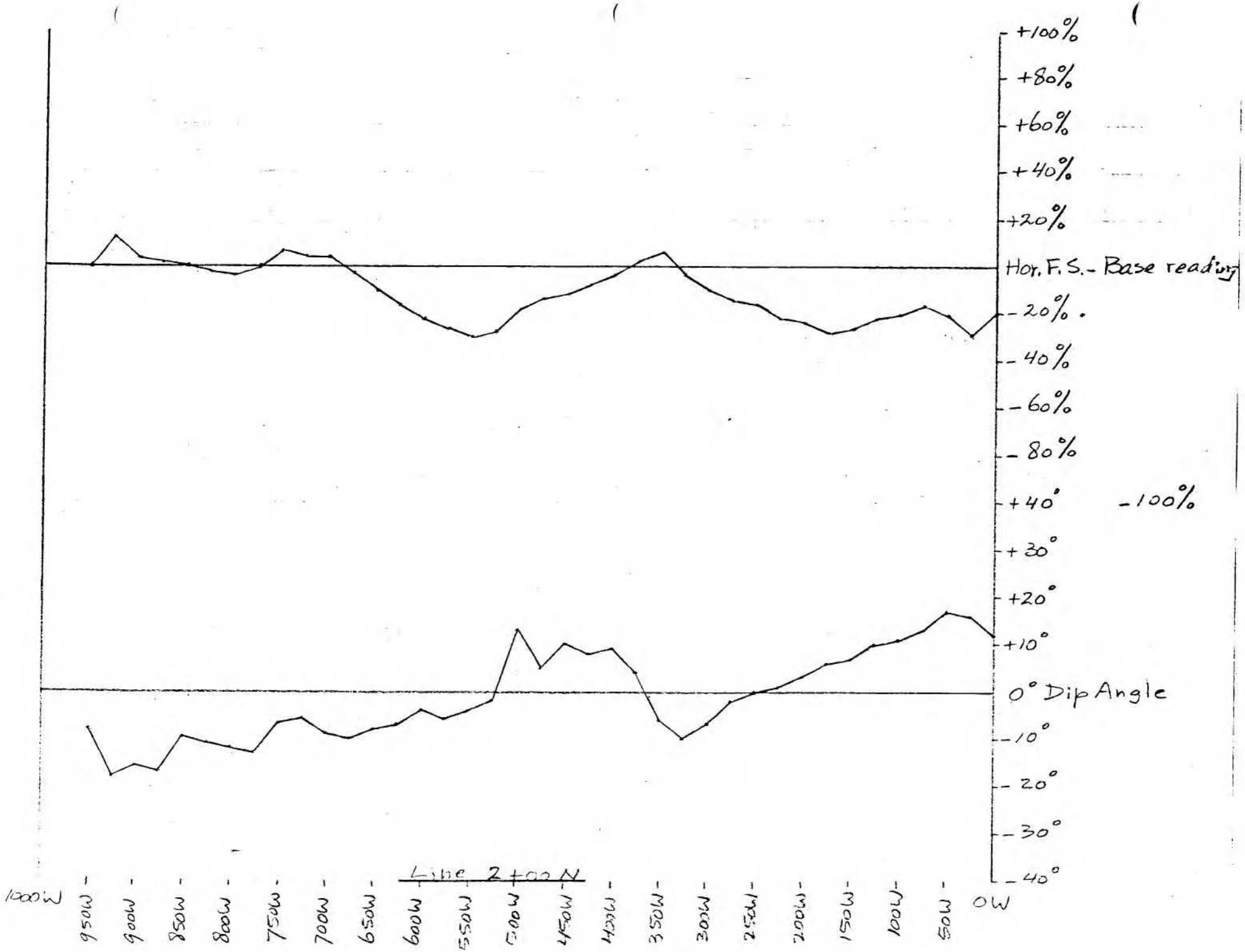
50W
0W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+80%
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+40%
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Hor. F.S. - Base reading
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-40%
-60%
-80%
-100%
+40°
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+20°
+10°
0° Dip Angle
-10°
-20°
-30°
-40°
Line 2+00N
1000W
950W
900W
850W
800W
750W
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50W
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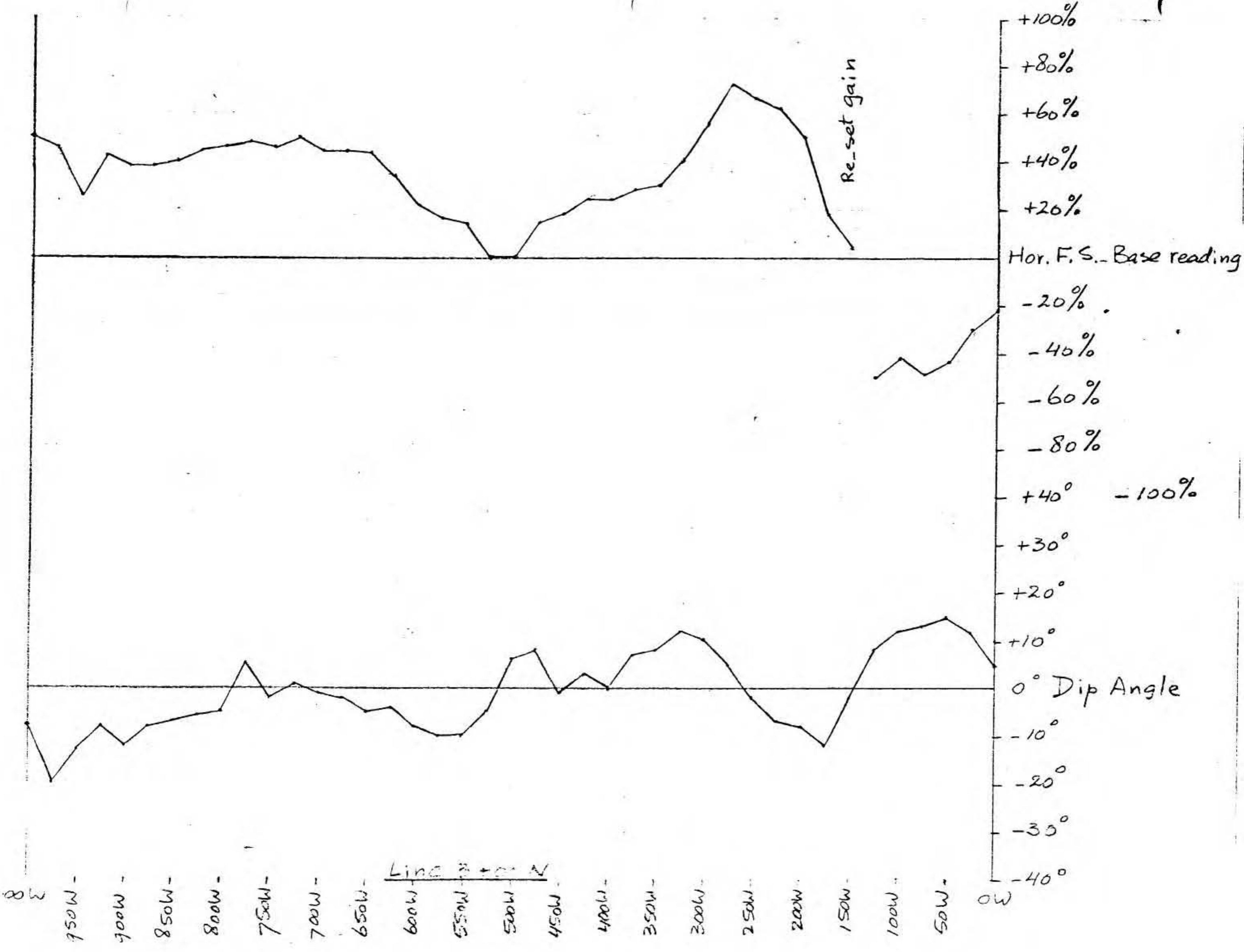
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Re-set gain
Hor. F.S.- Base reading
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-60%
-80%
-100%
+40°
+30°
+20°
+10°
0° Dip Angle
-10°
-20°
-30°
-40°
Line
00W
950W
900W
850W
800W
750W
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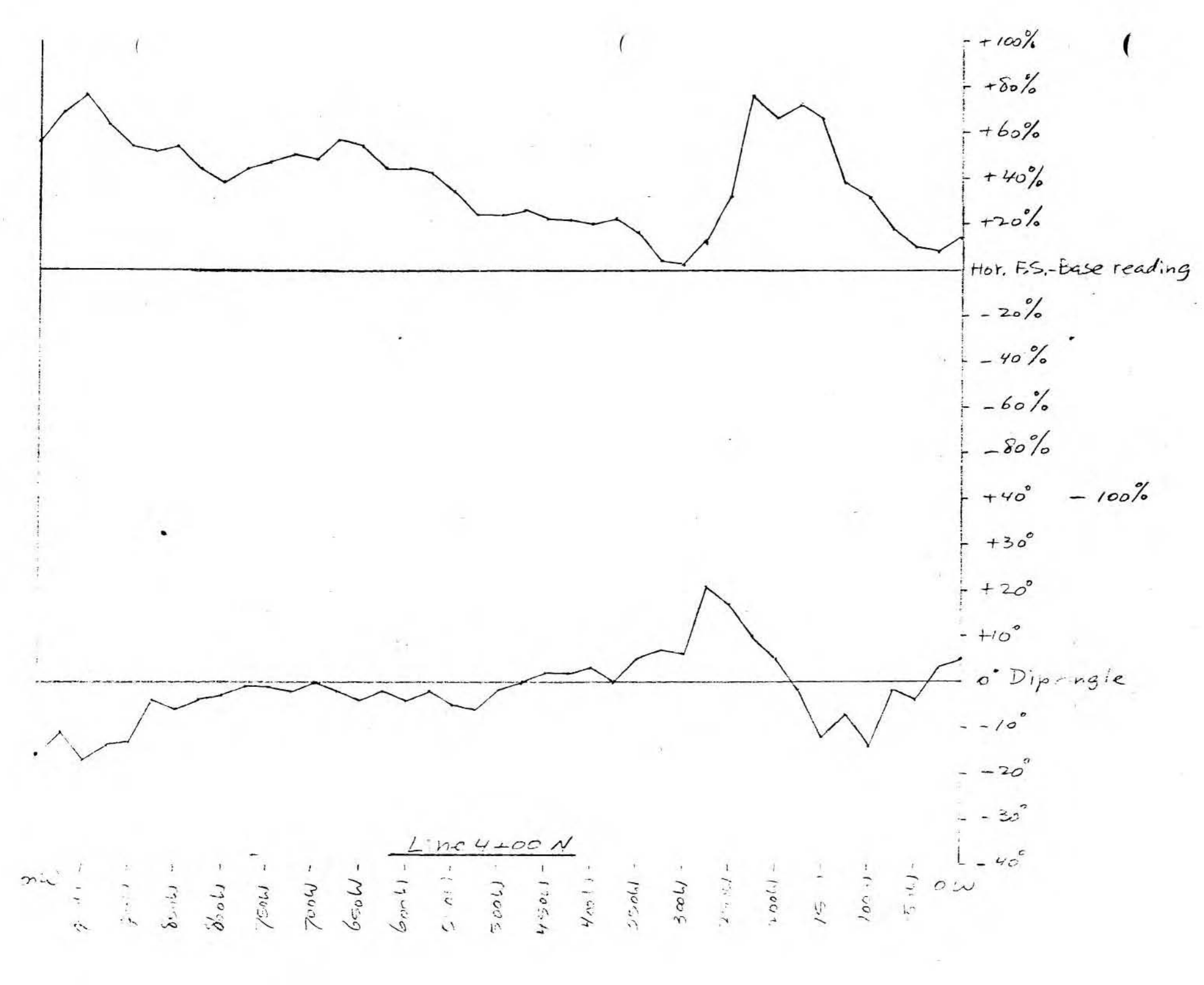
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+80%
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+40%
+20%
Hor. F.S.-Base reading
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-40%
-60%
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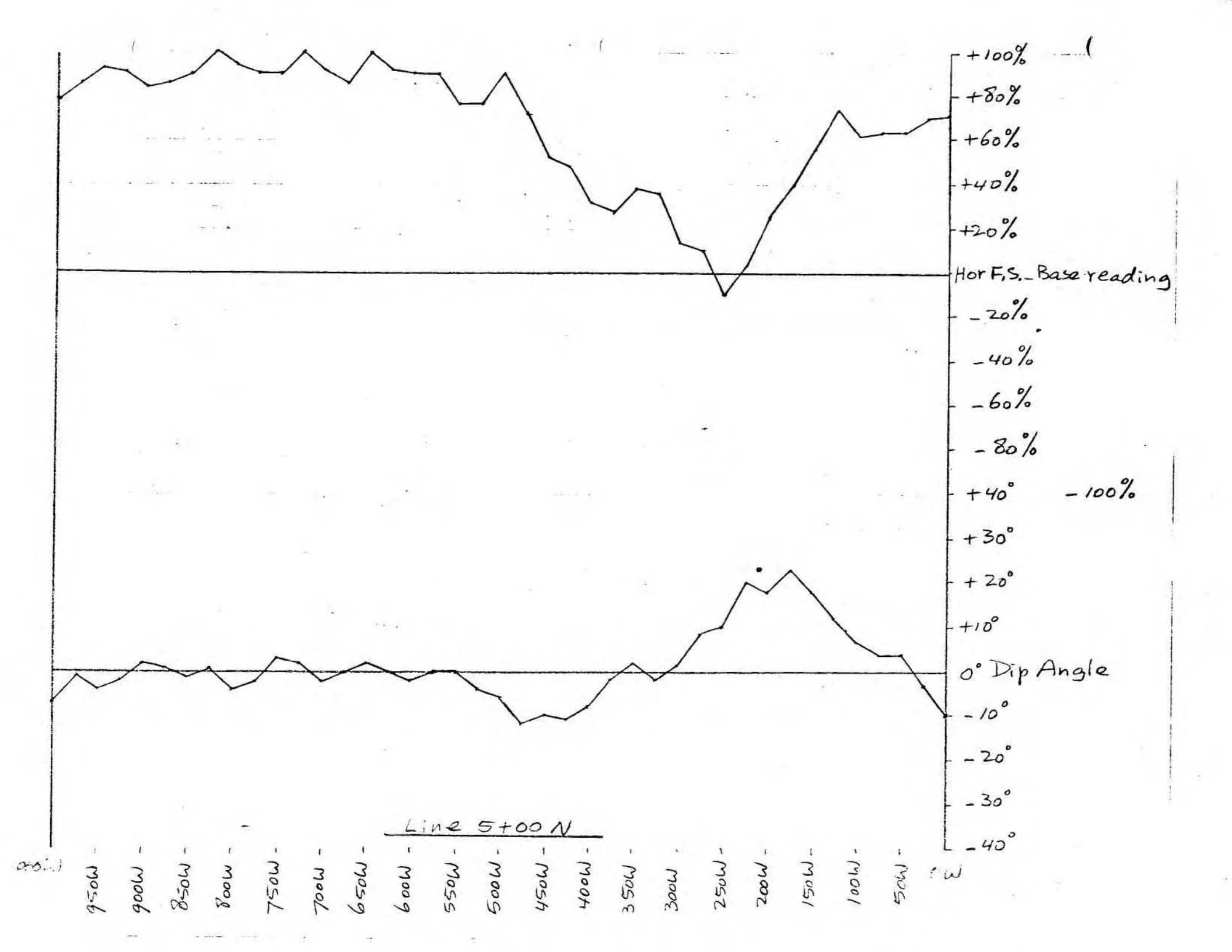
-10°
-20°
-30°
-40°
Line 4+00 N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Hor F.S. - Base reading
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+10°
0° Dip Angle
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-40°
Line 5+00 N
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900W
850W
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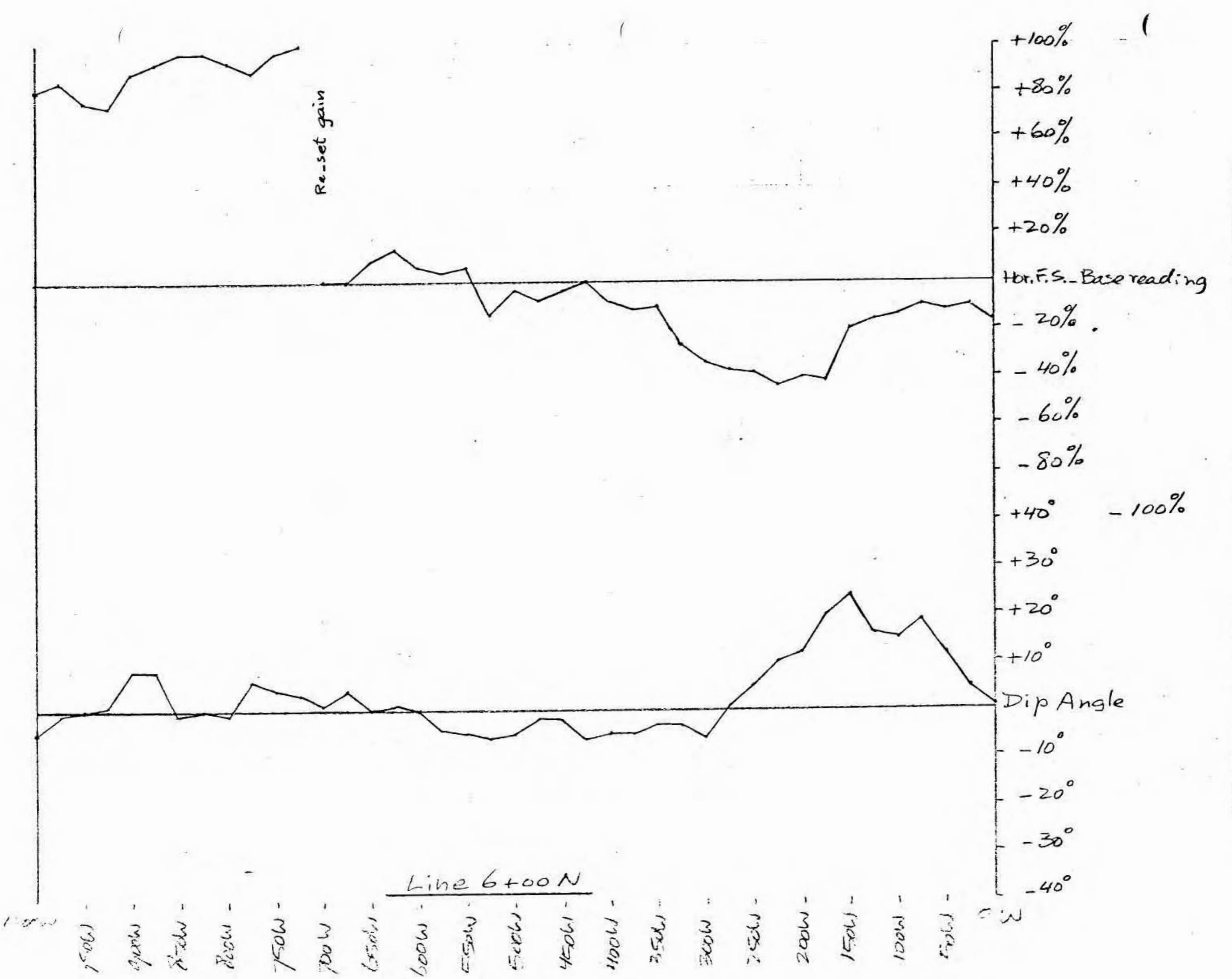

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+40%
+20%
Hor. F.S._Base reading
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-60%
-80%
-100%
+40°
+30°
+20°
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Dip Angle
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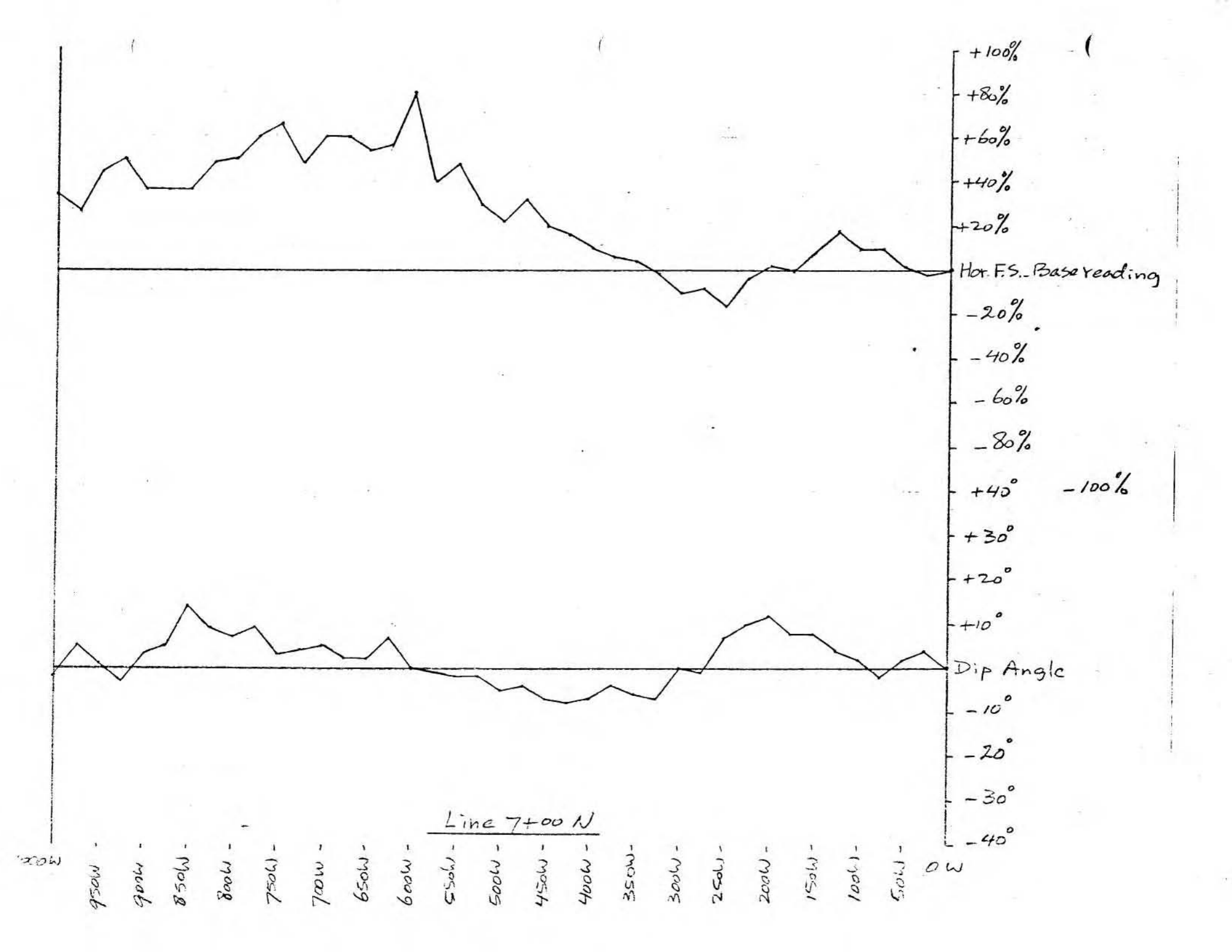
150W
100W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Hor. F.S. Base reading
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Dip Angle
-10°
-20°
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-40°
Line 7+00 N
950W
900W
850W
800W
750W
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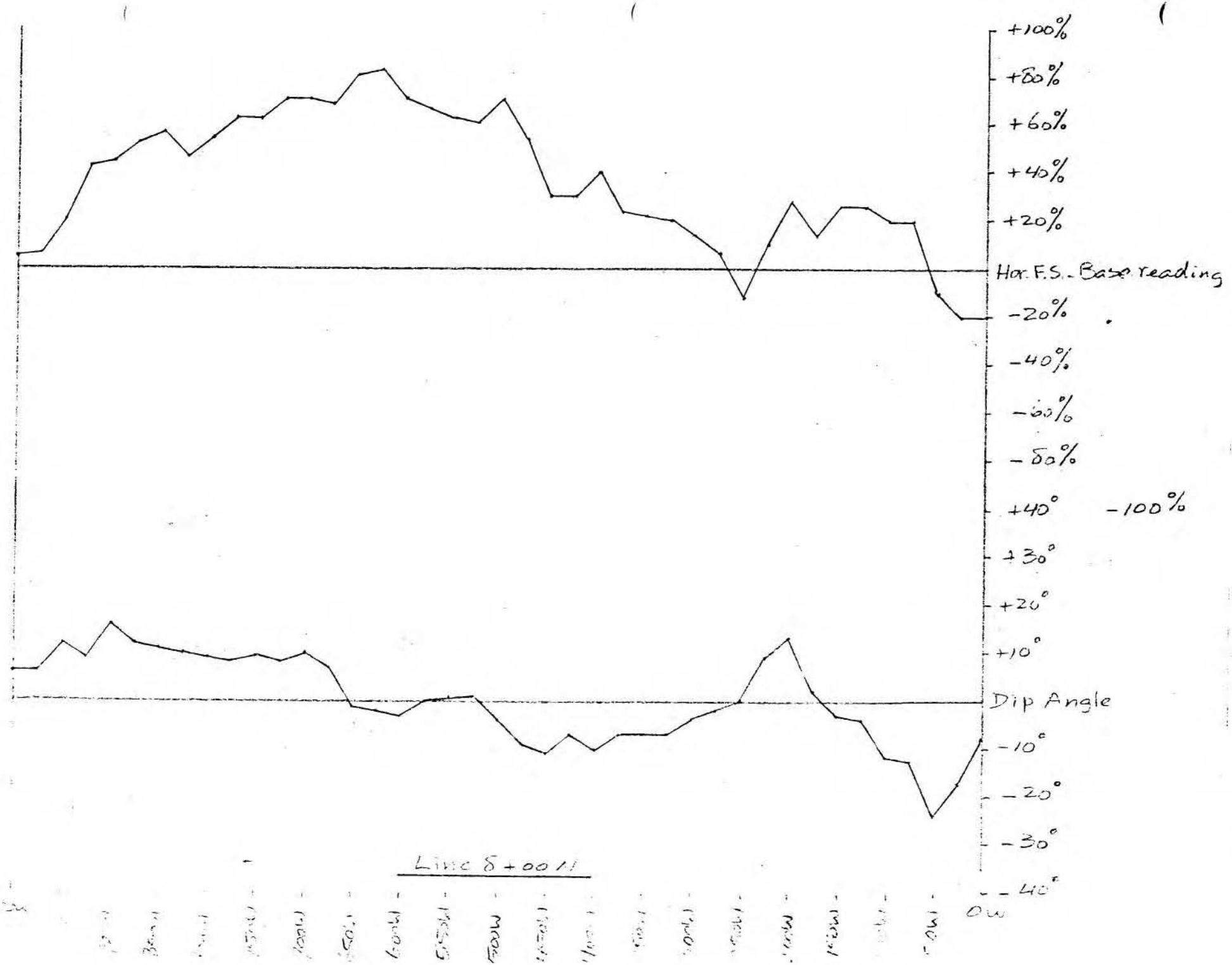
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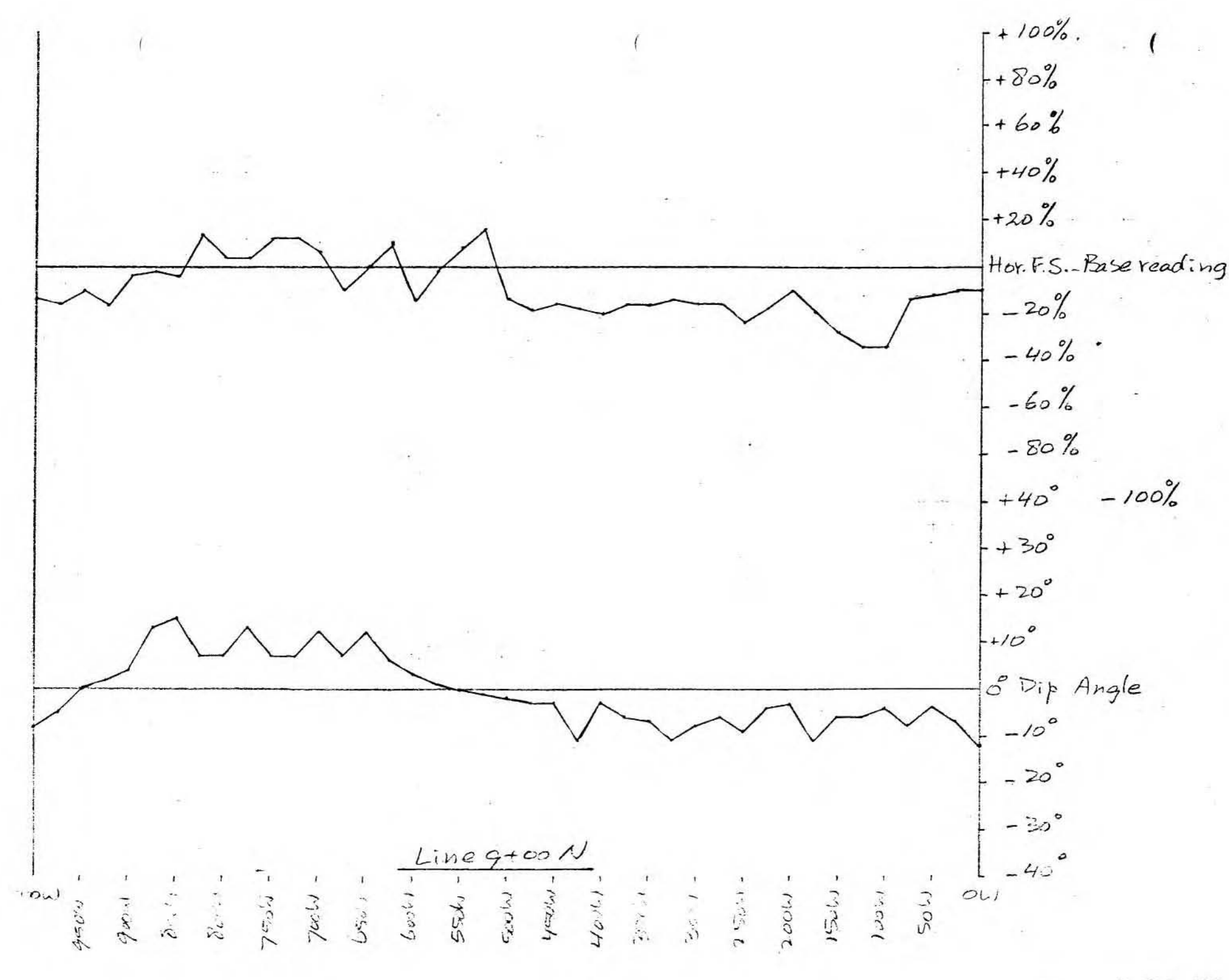
Line 8+00 N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Hor. F.S.-Base reading
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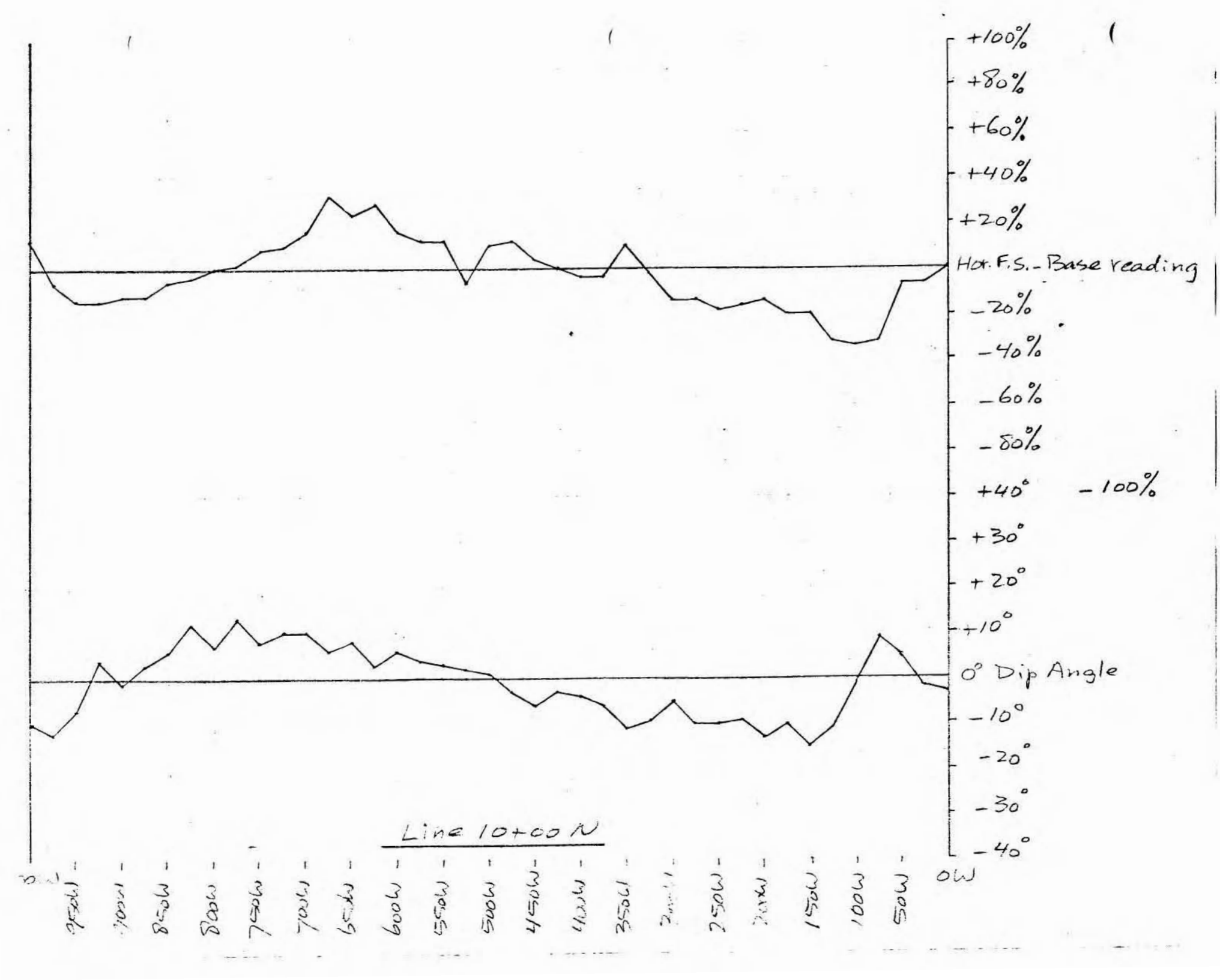
Line 9+00 N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0° Dip Angle
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-20°
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Line 10+00 N
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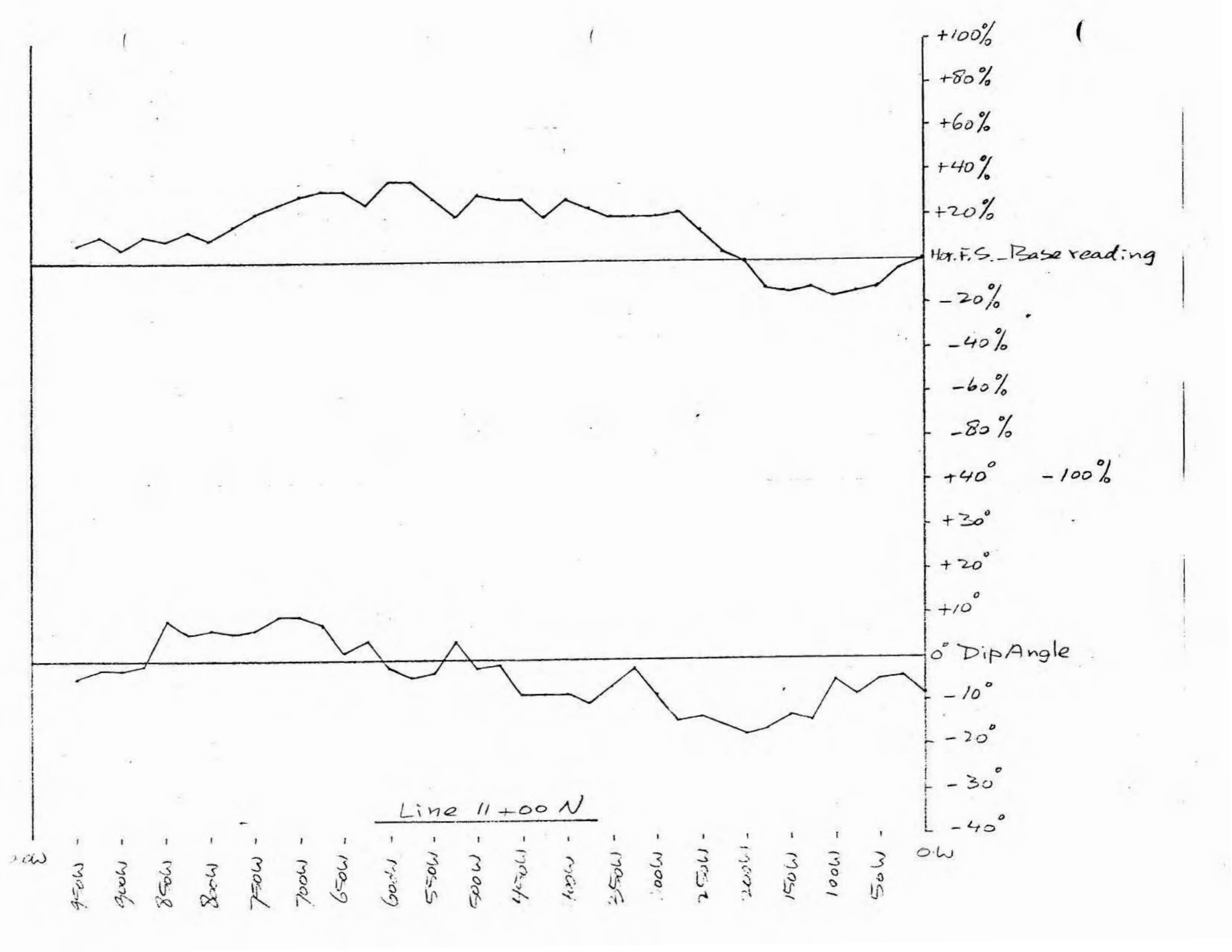
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+10°
0° Dip Angle
-10°
-20°
-30°
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Line 11+00 N
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1+00W
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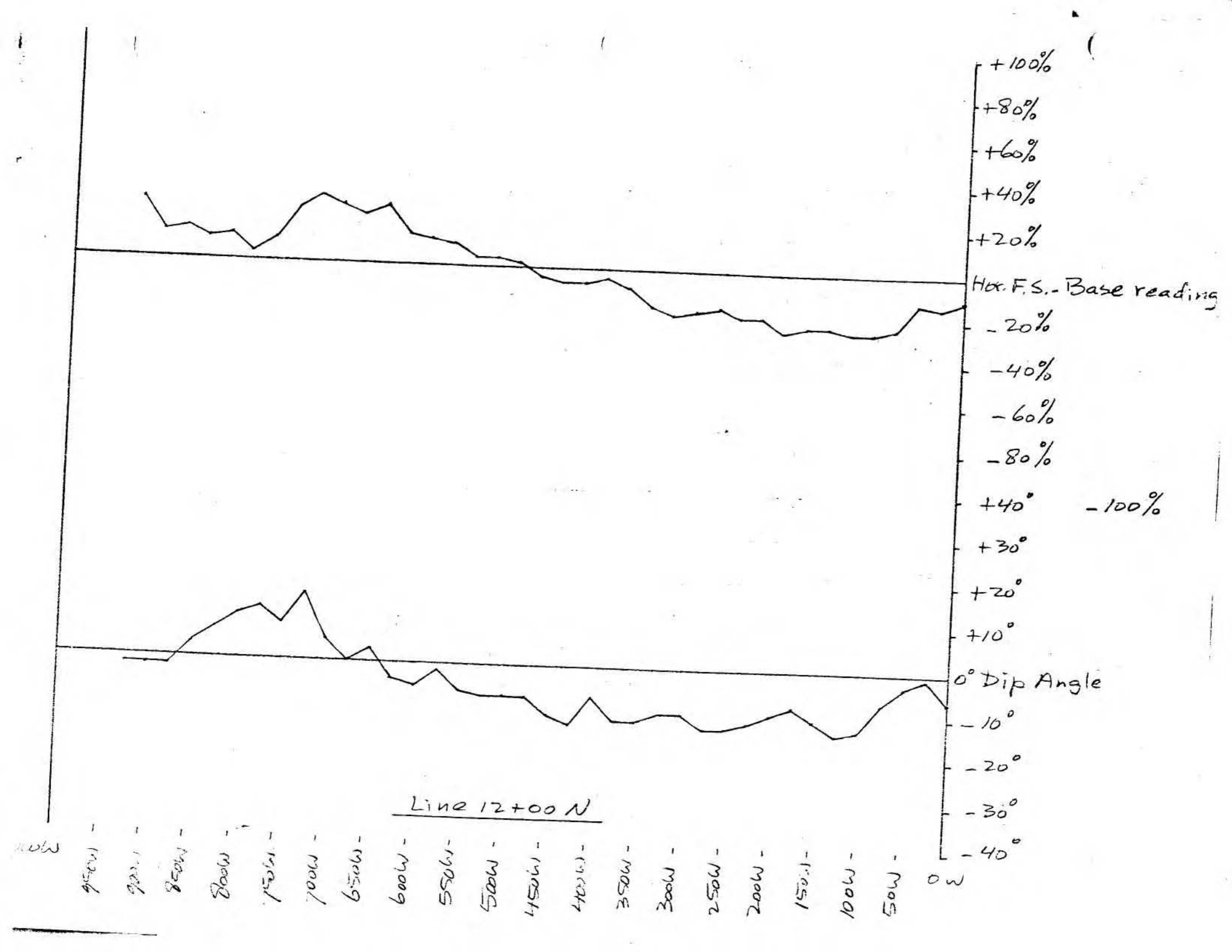
+100%
+80%
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Hor. F.S. - Base reading
-20%
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+40°
+30°
+20°
+10°
0° Dip Angle
-10°
-20°
-30°
-40°
Line 12+00 N
0
50W
100W
150W
200W
250W
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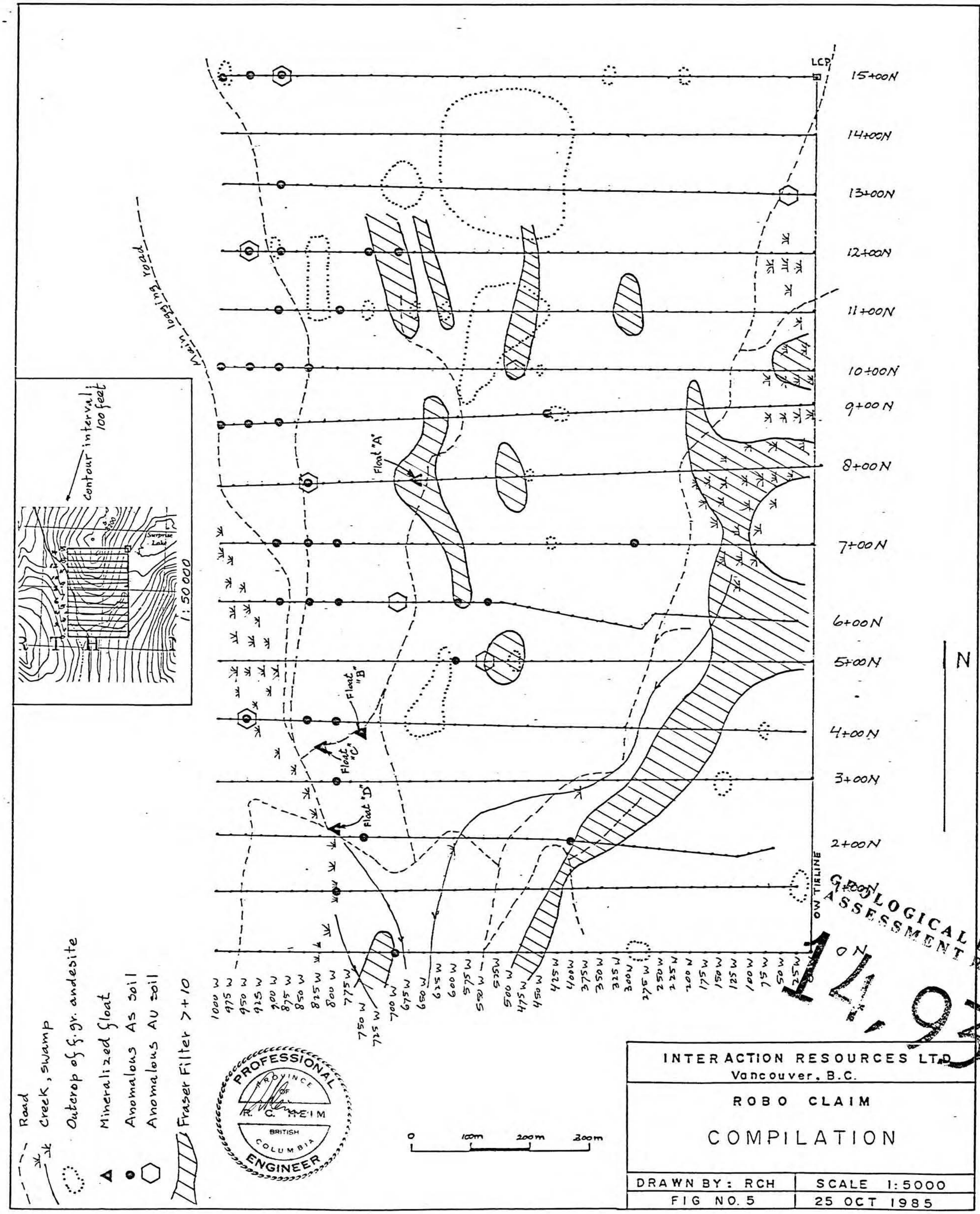


INTERACTION RESOURCES LTD.
Vancouver, B.C.

ROBO CLAIM

COMPILATION

DRAWN BY: RCH	SCALE 1:5000
FIG NO. 5	25 OCT 1985

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. C. HEIM

	0+00N	1+00N	2+00N	3+00N	4+00N	5+00N	6+00N	7+00N	8+00N	9+00N	10+00N	11+00N	12+00N	13+00N	14+00N	15+00N
1000W	15-12-79	13-14-91	NS	22-11-70	9-6-49	12-10-38	10-9-24	NS	13-11-46	29-6-54	31-6-33	NS	NS	14-2-27	19-9-53	19-13-27
975W																
950W	13-6-24	13-11-47	154-18-64	13-6-52	58-16-142	NS	NS	NS	21-8-66	32-3-136	59-14-73	13-11-54	60-39-42	10-2-39	11-5-34	28-20-61
925W																
900W	12-9-26	6-4-20	12-6-31	23-6-31	10-6-57	NS	24-9-56	46-11-37	7-8-41	32-19-110	73-22-80	48-15-60	26-31-62	20-7-47	11-9-36	35-7-45
875W																
850W	10-3-35	11-9-35	6-7-24	NS	8-7-40	12-12-33	10-20-49	66-5-51	19-8-62	13-6-36	69-13-51	NS	9-7-42	9-4-35	11-5-36	23-10-79
825W																
800W	64-17-74	21-11-78	NS	21-10-65	11-4-41	21-7-27	20-8-31	19-3-37	11-9-33	14-5-54	12-10-46	34-12-97	12-7-40	11-2-32	11-9-32	11-16-28
775W																
750W	11-17-49	14-17-78	14-12-34	11-5-37	16-7-41	8-13-29	21-8-37	20-6-34	7-8-27	36-5-35	9-12-35	14-7-42	27-11-65	16-2-49	15-8-44	70-11-69
725W																
700W	15-8-47	9-11-44	14-11-37	21-6-34	15-2-32	17-11-31	18-7-36	14-8-72	12-9-73	9-15-44	9-10-41	13-8-52	31-7-53	20-10-49	21-10-46	100-10-46
675W																
650W	10-12-33	8-9-37	10-12-35	14-4-38	7-4-29	28-8-50	8-9-38	11-14-46	14-5-80	7-6-18	20-9-47	21-13-63	15-9-30	11-9-47	14-10-36	27-11-55
625W																
600W	9-6-23	7-5-29	NS	7-9-25	8-7-29	13-12-56	8-13-41	37-9-86	NS	15-7-39	9-7-26	18-9-63	15-6-44	22-4-59		19-8-46
575W															32-12-67	
550W	6-6-16	15-12-39	5-11-16	7-6-16	11-3-40	9-12-33	124-35-91	11-7-43	6-11-33	28-9-23	13-7-27	14-7-35	10-8-35	33-7-48		17-25-28
525W															38-2-72	
500W	5-5-18	15-8-41	5-7-14	NS	7-5-40	18-5-34	76-3-22	14-5-30	9-13-56	13-13-40	21-10-40	9-13-33	14-36-47	19-5-47		56-13-52
475W															26-7-58	
450W	10-9-37	6-8-16	14-7-36	9-4-24	10-6-81	6-9-13	13-9-28	9-8-29	17-13-43	27-6-34	13-21-48	13-12-47	10-11-39	27-9-45		18-9-63
425W															NS	
400W	21-12-46	10-13-29	134-12-51	NS	5-2-21	11-7-25	9-6-27	17-9-38	11-12-39	26-4-51	13-10-25	8-9-25	14-10-30	12-6-67		15-14-59
375W															13-5-47	
350W	11-11-26	4-5-17	NS	14-2-32	8-6-29	10-7-30	25-2-32	15-2-29	14-4-46	8-15-29	22-3-54	25-11-75	26-9-46	18-4-39		45-13-81
325W															35-8-53	
300W	11-4-36	10-6-28	19-20-46	6-5-28	13-7-30	5-12-20	7-9-21	36-12-53	6-8-25	5-10-28	13-2-51	5-10-27	19-7-45	24-5-39		78-12-57
275W			14-20-62				11-11-35								12-12-41	
250W	57-2-44	6-8-31		15-10-49	21-3-45	4-12-29		13-5-16	7-8-24	14-12-29	8-4-24	7-8-23	2-9-12	10-3-39		18-12-54
225W			6-12-38				7-7-27								18-7-35	
200W	39-9-55	6-10-31	9-6-36	25-15-58	8-9-38	13-8-50		5-8-22	NS	3-9-21	8-8-27	2-9-18	7-9-16	79-34-48		14-8-79
175W							57-11-61								8-6-18	
150W	10-3-32	5-4-18	20-8-66	NS	6-2-47	11-14-49		NS	NS	2-8-13	6-15-28	10-11-25	2-5-13	8-3-13		31-12-41
125W							70-9-50								9-9-24	
100W	25-12-66	23-4-69	21-13-64	32-13-55	21-17-68	20-15-43		NS	NS	1-9-11	11-10-21	2-8-25	12-6-23	7-2-18		11-3-27
75W		28-2-62					9-9-23									
50W	9-3-22		8-2-22	8-3-22	18-12-56	9-6-35		10-15-35	NS	NS	NS	11-13-31	NS	6-6-33		7-11-30
25W		12.8-50					NS									
0W	18-2-56				21-3-33											LCP 7-9-37
	BASELINE			9-10-36		38-6-45		14-3.75	9-2-32	NS	NS	12-16-33	2-10-25	2-5-26	9-2-22	

0 100m 200m 300m

N

INTERACTION RESOURCES LTD.
Vancouver, B.C.

ROBO CLAIM
SOIL GEOCHEMISTRY
Cu — Pb — Zn (ppm)

DRAWN BY: RCH	SCALE 1:5000
FIG NO. 2	25 OCT 1985

ASSESSMENT REPORT
GEOLOGICAL BRANCH

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. H. HEIM

	10+00W	9+75W	9+50W	9+25W	9+00W	8+75W	8+50W	8+25W	8+00W	7+75W	7+50W	7+25W	7+00W	6+75W	6+50W	6+25W	6+00W	5+75W	5+50W	5+25W	5+00W	4+75W	4+50W	4+25W	4+00W	3+75W	3+50W	3+25W	3+00W	2+75W	2+50W	2+25W	2+00W	1+75W	1+50W	1+25W	1+00W	0+75W	0+50W	0+25W	0+00W
0	0.8-3-2		0.2.3-1		0.2.5-2		0.2-2-1		0.8-12-1		0.4-4-1		0.3-23-1		0.2-4-2		0.2-3-1		0.1-2-1		0.1-2-1		0.1-4-1		0.2-5-2		0.1-10-1		0.1-8-1		0.1-2-1		0.1-8-2		0.1-2-1		0.1-2-1		0.2-2-1
1	0.8-3-2		0.2-9-3		0.1-3-4		0.1-6-1		0.1-21-2		0.1-3-2		0.2-2-1		0.1-2-2		0.1-2-2		0.1-2-1		0.1-2-1		0.1-2-1		0.1-3-2		0.1-2-1		0.1-3-1		0.1-2-2		0.1-8-1		0.1-2-1		0.1-2-1		0.1-2-1
2	NS		0.9-7-2		0.1-4-1		0.1-2-1		NS		0.1-36-1		0.1-7-3		0.1-2-1		0.1-2-1		0.2-2-1		0.1-3-2		0.2-2-1		0.6-19-1		NS		0.1-2-2		0.1-3-3		0.1-2-1		0.1-2-2		0.1-2-2		0.1-2-1
3	1.0-5-2		0.6-2-1		0.1-6-1		NS		0.6-133-1		0.1-11-1		0.1-11-2		0.1-6-1		0.1-13-1		0.1-2-1		0.1-3-2		NS		NS		0.1-4-2		0.1-2-2		0.1-2-2		0.1-2-1		0.1-2-2		0.1-6-1		0.1-2-1
4	0.1-2-1		0.9-18-8		0.1-2-1		NS		0.3-42-1		0.2-24-1		0.1-14-1		0.1-6-2		0.1-13-1		0.2-21-1		0.1-15-3		0.2-4-1		0.2-3-1		0.1-2-1		0.1-2-1		0.1-2-2		0.1-2-1		0.1-2-2		0.3-12-1		0.1-2-2
5	0.2-6-2		NS		NS		0.1-18-2		0.1-12-1		0.3-6-1		0.2-12-2		0.1-13-1		0.2-12-2		0.2-2-9		0.3-351		0.2-12-1		0.2-2-2		0.3-351		0.2-2-2		0.1-3-1		0.1-2-2		0.1-2-1		0.1-2-2		0.1-2-2
6	0.1-3-2		NS		0.1-23-2		0.1-28-1		0.1-43-1		0.1-11-3		0.1-13-12		0.1-4-2		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-2		0.1-2-1		0.1-2-1		0.1-2-2		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1
7	NS		0.1-42-1		0.2-71-6		0.1-23-1		0.1-14-2		0.1-7-1		0.2-10-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1
8	0.2-10-1		0.1-11-1		0.2-9-2		0.2-63-10		0.3-7-1		0.2-8-2		0.5-4-1		NS		0.1-4-3		0.1-6-1		0.3-4-1		0.6-2-2		0.3-2-1		0.2-2-1		NS		NS		0.3-2-1		NS		0.1-2-1		0.1-2-1
9	0.2-53-1		0.1-26-2		0.5-62-3		0.3-12-2		0.1-11-3		0.1-9-1		0.2-7-2		0.1-2-1		0.1-6-1		0.5-5-3		0.1-23-1		0.1-2-2		0.1-2-2		0.4-2-1		0.2-3-3		0.2-2-4		0.1-2-2		NS		NS		NS
10	0.5-17-1		0.3-75-7		0.4-48-1		0.7-27-6		0.1-9-1		0.3-5-1		0.2-2-2		0.3-3-1		0.1-2-1		0.3-2-125		0.6-3-1		0.4-6-1		0.1-2-2		0.1-3-1		0.1-2-1		0.1-2-2		0.1-4-1		0.1-2-1		NS		NS
11	NS		0.3-13-1		0.3-26-2		NS		0.1-91-1		0.1-4-3		0.5-14-1		0.1-2-2		0.2-3-1		0.1-2-1		0.2-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.1-2-1		0.3-2-1
12	NS		0.4-223-8		0.3-17-1		0.2-2-7		0.1-8-4		0.2-134-3		0.2-19-1		0.1-3-5		0.2-3-1		0.2-3-1		0.1-2-1		0.1-2-1		0.1-3-1		0.1-3-1		0.2-2-2		0.1-3-1		0.1-3-1		0.1-2-1		0.1-2-1		NS
13	0.1-11-1		0.1-6-1		0.1-36-2		0.1-5-1		0.2-7-1		0.2-8-2		0.1-5-3		0.1-4-1		0.3-6-2		0.1-2-1		0.2-3-2		0.1-2-1		0.2-2-2		0.2-3-2		0.1-2-1		0.2-2-1		0.2-2-1		0.1-2-1		0.2-2-1		0.2-2-10
14	0.1-10-1		0.1-4-1		0.3-5-1		0.1-3-1		0.1-2-1		0.1-2-1		0.1-2-1		0.3-2-2		0.1-6-1		0.1-7-1		0.a1-2-1		NS		0.1-2-1		0.1-2-1		0.2-2-1		0.1-2-1		0.2-2-1		0.3-2-1		0.2-5-1
15	0.1-26-1		0.2-721-1		0.1-24-8		0.2-13-1		0.2-4-1		0.3-2-1		0.9-4-1		0.1-5-1		0.1-4-1		0.6-2-1		0.6-2-3		0.3-2-1		0.3-7-1		1.6-13-1		0.2-2-2		0.2-3-1		0.3-4-1		0.1-2-1		0.1-2-2		0.2-2-1 LCP

BASE OW TIELINE

0 100m 200m 200m

N

INTERACTION RESOURCES LTD
Vancouver, B.C.

ROBO CLAIM

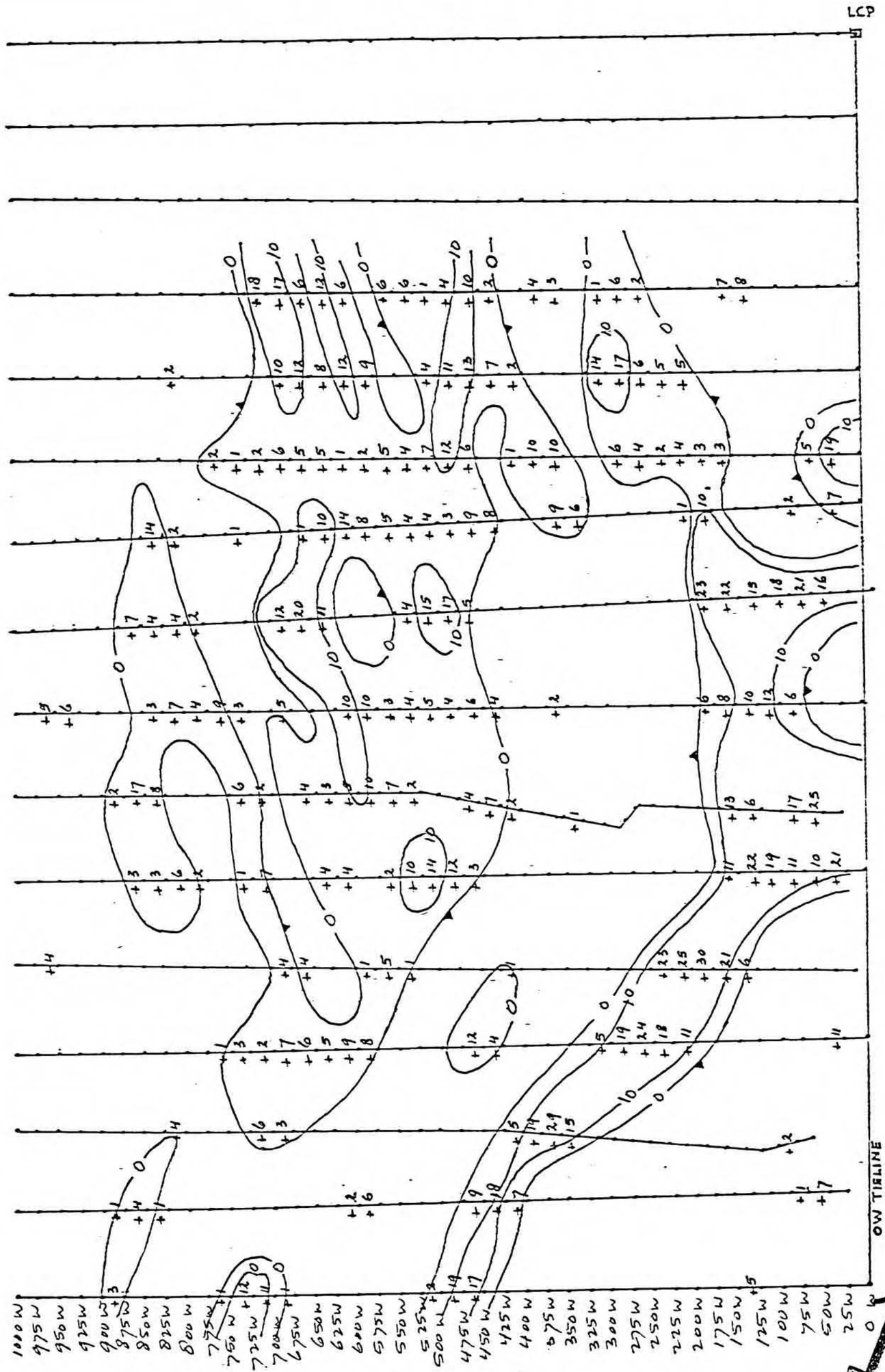
SOIL GEOCHEMISTRY

Ag — As (ppm) — Au (ppb)

DRAWN BY: RCH	SCALE 1:5000
FIG NO. 3	25 OCT 1985

GEOLOGICAL BRANCH ASSESSMENT REPORT

12,521



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. C. HEIM

INTERACTION RESOURCES LTD Vancouver, B.C.	
ROBO CLAIM VLF_EM FRASER FILTER DATA	
DRAWN BY: RCH	SCALE 1:5000
FIG NO. 4	25 OCT 1985