



ANACONDA CANADA EXPLORATION LTD.

REPORT FOR ASSESSMENT

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL EVALUATION

OF THE BUM 1-106 CLAIMS

SELWYN PROJECT, KALZAS RIVER AREA

MAYO MINING DISTRICT, YUKON TERRITORY

Latitude: $62^{\circ}59'N$ Longitude: $135^{\circ}30'W$ NTS: 105-L/13, 14

FIELD WORK PERFORMED DURING THE PERIOD JUNE 5 TO SEPTEMBER 5, 1982

May 25, 1983

091461

Richard D. Hall
Geologist

This report was examined by
the Geological Survey Unit
under Section 60 of the Quartz
Mining Act and is reported as
representing a value of the amount
of \$ 49,800 —————.

P. Watson

for District Geologist in Charge and
Central Office for Commissioner
of Yukon Territory.

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INTRODUCTION

This assessment report documents expenditures for a total of 498 claim years of work, sufficient to maintain the BUM 1-32 claims to May 1, 1990 and BUM 33-106 claims to May 1, 1987. Expenditures are summarized in Appendix I.

During the period June 5 to September 5, 1983 an integrated geological, geophysical and geochemical exploration program was carried out in two stages (mid-July and late August) on the BUM claims. Property work followed reconnaissance exploration in 1981 and in early June, 1982. Claims are included in the Selwyn Project area (NIS 105L of Anaconda Canada Exploration, Ltd. (Figure 1).

The purpose of field work was to investigate the western strike extension of a prominent trend of airborne magnetic and electromagnetic anomalies that are well defined on the southern flank of the Kalzas Range.

LOCATION AND ACCESS

The Selwyn Project area (NIS 105L/14, 15 and 16) is located 75 km due east of the confluence of the Pelly River and the MacMillan River, Yukon Territory. The area is approximately equidistant from the towns of Mayo, Carmacks and Faro. Exploration in the area is conducted out of a central base camp located on the north shore of Earn Lake. Access to Earn base is by fixed wing aircraft from Whitehorse. Local access to properties is by helicopter from Earn base. About 50% of the property work required use of a contract helicopter on a daily basis.

CLAIMS

The BUM 1-106 Quartz claims are located between Little Kalzas Lake and the Kalzas River (NTS 105-L/13,14) at approximately 62°59' north latitude and 135°30' west longitude (Figures 2 and 3). Grant numbers and names of claims are as follows:

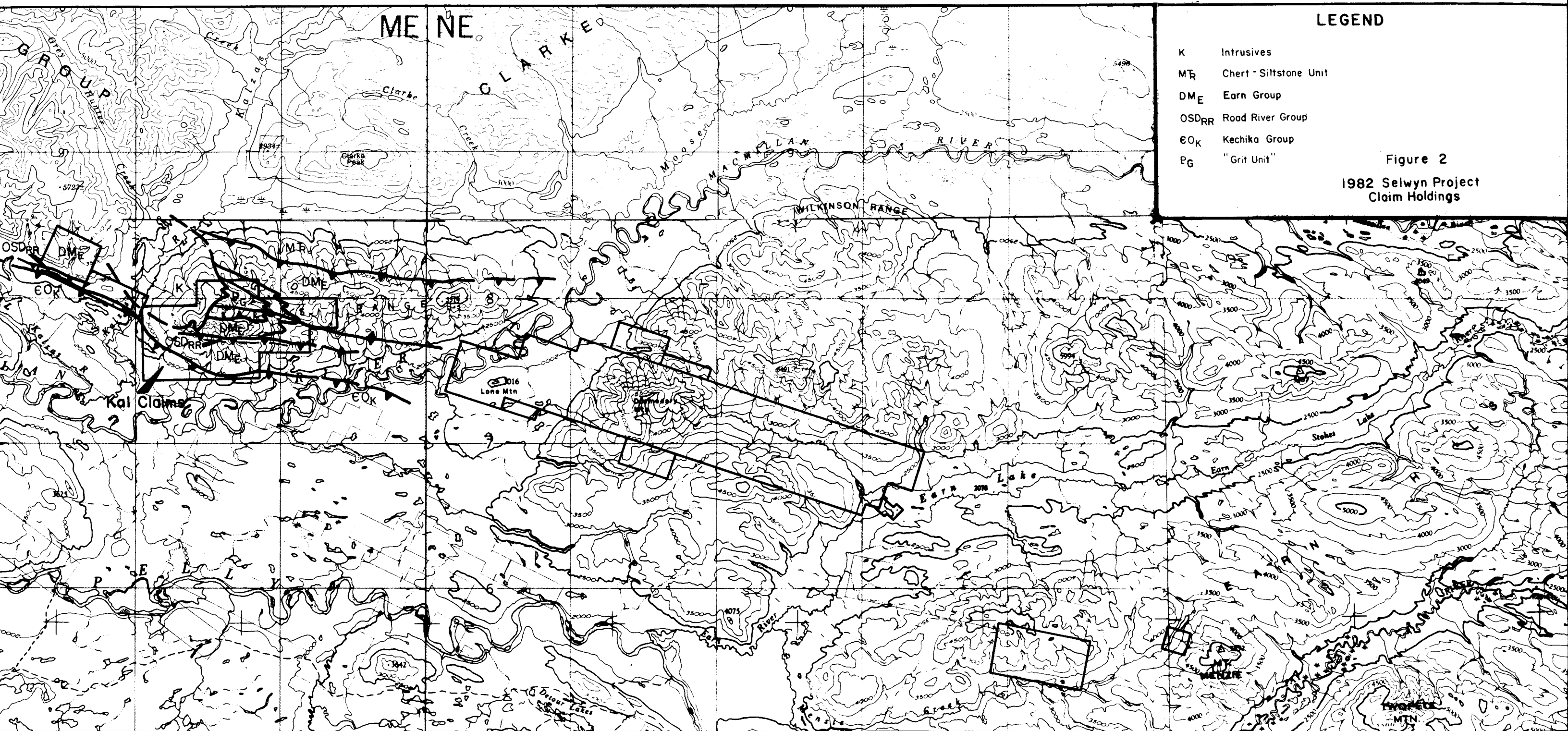
<u>Claim Numbers</u>	<u>Grant Numbers</u>	<u>Date Recorded</u>
BUM 1-32	YA43696-YA43727	April 21, 1981
BUM 33-96	YA76589-YA76652	July 19, 1982
BUM 97-106	YA76653-YA76662	July 19, 1982

All of the above claims are 100% owned by Anaconda Canada Exploration Ltd.

SUMMARY OF PREVIOUS WORK

The Selwyn Project area presently includes 1436 Quartz claims in five non-contiguous blocks, covering selected portions of an 80 km long belt of Paleozoic strata mainly assigned to the Devonian-Mississippian Earn Group by Campbell (1967). Staking was initiated in the Dromedary Mountain area in the fall of 1980.

The BUM claim group was staked in 1981 on the basis of geophysical anomalies detected during an airborne survey carried out in the spring of 1981. During the spring of 1982 ground electromagnetic and magnetometer surveys were conducted over several test lines on the claims. The geophysical surveys were described by Scott (May, 1982). BUM 33-106 claims were staked in July, 1982 to cover remaining unprotected airborne anomalies.



LEGEND

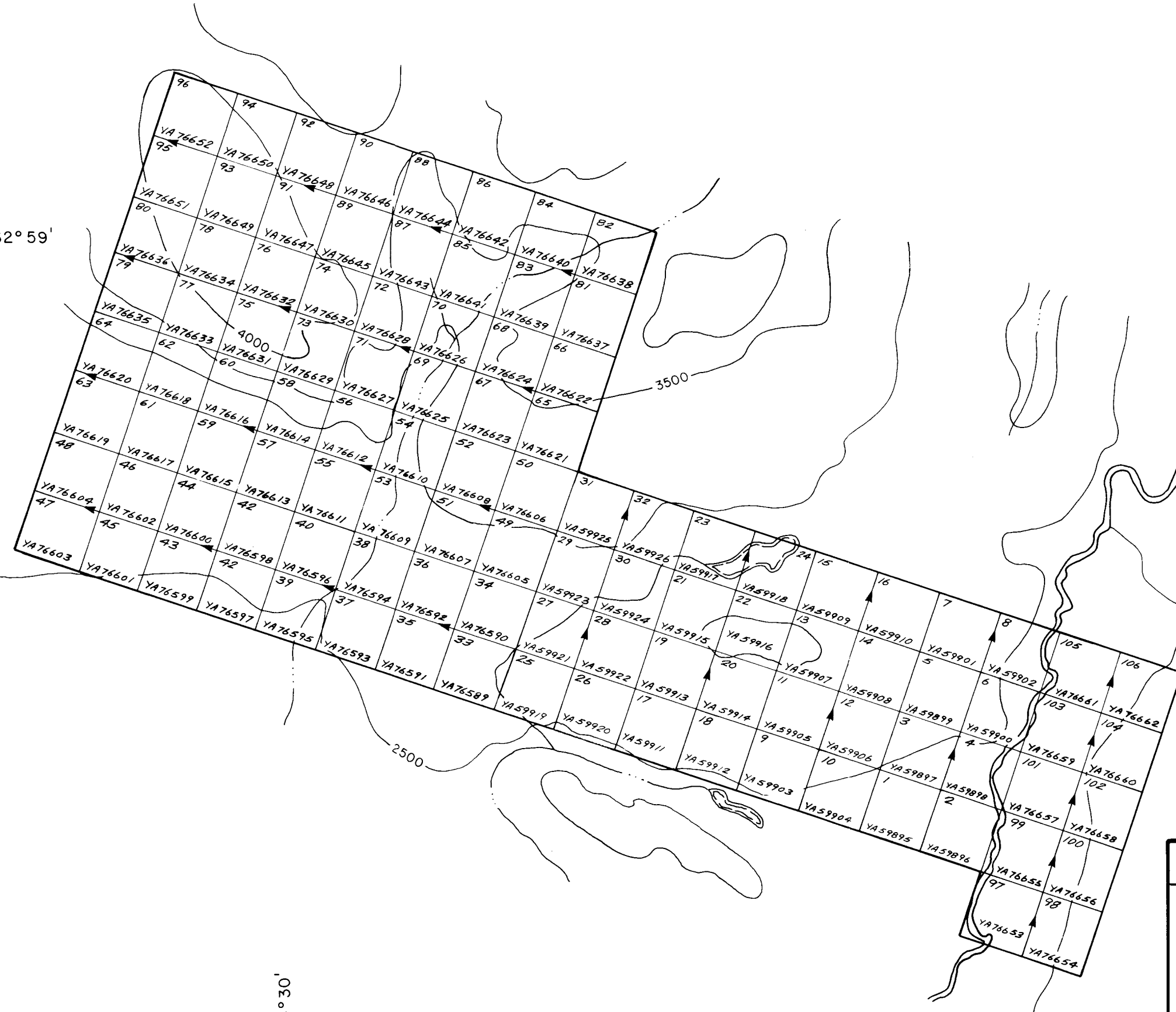
K	Intrusives
MR	Chert - Siltstone Unit
DME	Earn Group
OSDRR	Road River Group
EO _K	Kechika Group
P _G	"Grit Unit"


Figure 2
1982 Selwyn Project
Claim Holdings



62° 59'

135° 30'



ANACONDA Canada Exploration Ltd. 

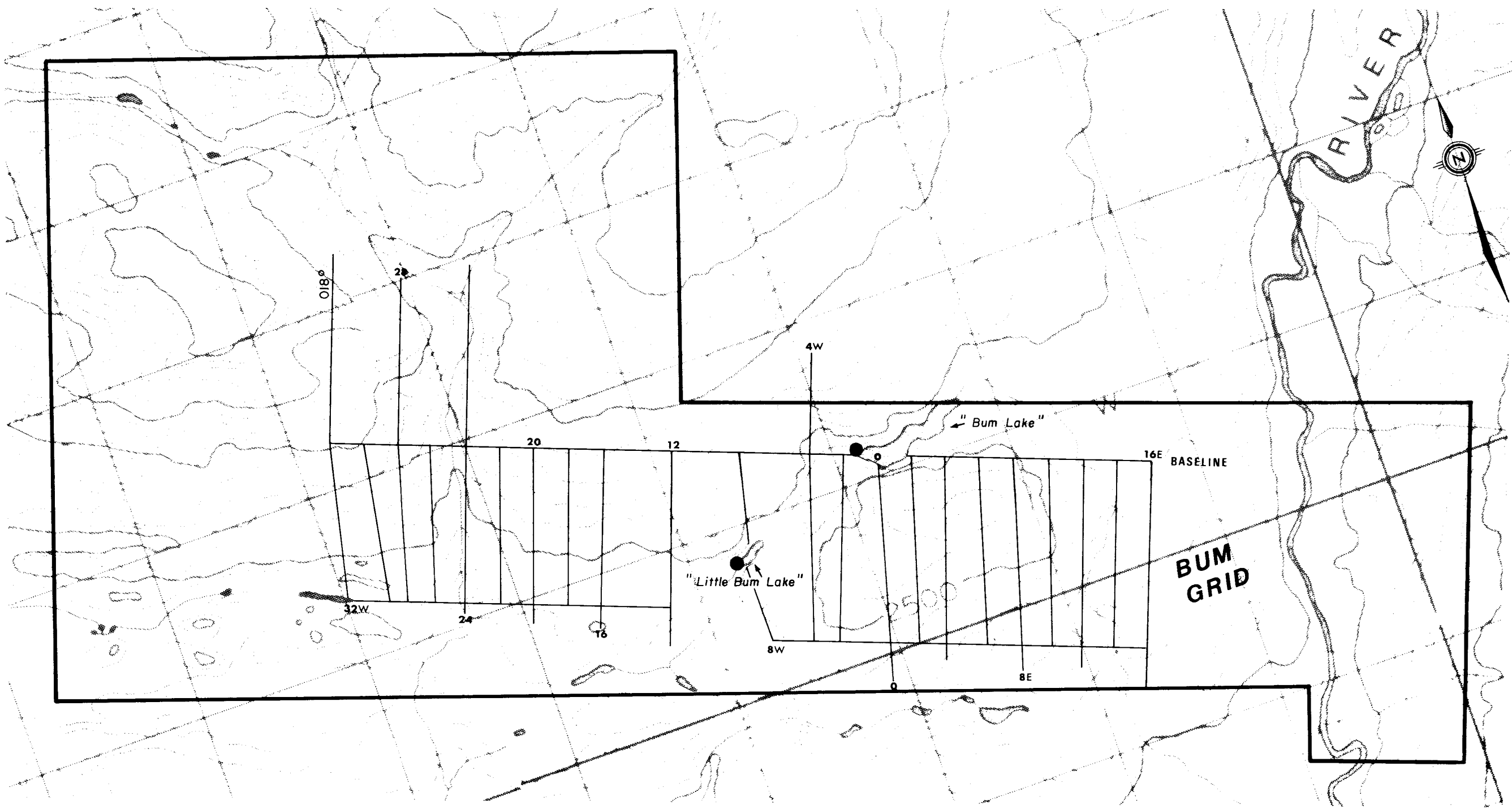
BUM 1-106 CLAIMS

Geology by:	Date: February, 1983	N.T.S. 105 L/13,14
Scale: 1" = 1/2 mi.	Drawn by: <i>P.M.</i>	Map 3 of

REGIONAL GEOLOGY

The Project area is located near the boundary between Cassiar Platform and Selwyn Basin tectonic elements inboard from the margin of ancient continental North America and includes much of the permissive strata for hosting sedimentary exhalative silver-lead-zinc mineralization in the Western Selwyn Fold Belt north of the Tintina Trench. The area is underlain by strata of Mississippian Earn Group, representing mainly proximal facies of turbidite fan complexes deposited in submarine troughs, preserved in three parallel linear belts referred to here as Earn Mountain, Crystal Peak and Dromedary Mountain Belts. These belts serve as prominent marker units in thrust panels of regional extent and may be segments of a single structurally imbricated trough complex. Northeasterly directed folding and thrusting was related to a Himalayan-type collision between Stikinia and ancient continental North America in Late Jurassic to Early Cretaceous Time (Tempelman-Kluit, 1979). Trough deposits are probably a reflection of random Early to Middle Paleozoic rifting at oblique angles to the margin of ancient continental North America.


The Earn Group unconformably overlies Ordovician strata of the Road River Group and locally older strata. Unnamed middle Mississippian chert-siltstone and Permian-Triassic sandstone-shale-limestone units blanket the Early Paleozoic section. The latter lies disconformably across older rocks in Cassiar Platform. Carbonate and phyllite facies of Cambro-Ordovician Kechika Group are observed at the base of panels thrust over Earn Group and younger units. Similarly, facies of Earn Group are observed at the base of thrust panels which structurally overlie younger units. Siliceous clastics and calcareous rocks, which probably correlate with the Hadrynian-Cambrian "Grit Unit", occupy the core of an antiform in the Kalzas Range. Despite thrusting and complex internal deformation of map units a consistent stratigraphic superposition of units is observed in thrust panels.



● Camps

7



ANACONDA Canada Exploration Ltd. 		
SELWYN PROJECT		
BUM GRID		
geology by	R.H.	drawn by
		E.B.W.
		date
		MAY 83
scale	1:25,000	fig/proj no
		4

A prominent unconformity between Lower Mississippian strata of Earn Group and middle to upper Ordovician strata of Road River Group is recognized throughout the project area. About 30m of graptolitic shale is observed at three widely separated localities (BUM grid, CAVE grid, Dromedary Mountain). The Devonian Lower Earn Group (Gordey et al., 1982) may not be represented in the project area. Simplified regional geology of the eastern part of the Selwyn project area is presented in Figure 2.

The section is intruded by post tectonic, "S" type granitoid stocks of the 120-90 m.y. Middle Cretaceous Biotite Quartz Monzonite Suite (Tempelman-Kluit, 1976) and intermediate sills of middle Cretaceous South Fork Volcanic Suite (Wood and Armstrong, 1982). Stocks are related to the McArthur Batholith-Anvil Batholith axis of extension and magmatism. Structurally controlled tungsten vein and base metal skarn mineralization is locally overprinted on biotite hornfels, andalusite slate and calc-silicate hornfels. Annular magnetic patterns associated with stocks are a reflection of the biotite-pyrrhotite zone of contact metamorphism.

WORK APPLIED FOR ASSESSMENT

INTRODUCTION

During mid-July and late August, 1982, geological, geophysical and geochemical surveys were carried out over the BUM grid on the BUM claims (Figure 4).

The BUM grid consists of a total of 30.8 km (secant distance) of cut line. Cross lines, oriented on azimuth 018° , are 200m apart, slope chained and picketed at 25m stations. Grid lines were mapped at a scale of 1:5,000. A total of 852 soil samples was collected for geochemistry. Geophysical work, including Max-Min, magnetometer, and gravity surveys, is presented in the accompanying report by Scott (May 20, 1983).

Approximately 50% of the property work was conducted from two fly camps on the grid. The remainder of the work was conducted from a central base camp on the north shore of Earn Lake and was helicopter supported.

GEOLOGY OF BUM GRID

Introduction

Bedrock exposure on the BUM grid is variable, ranging from about 15 percent in southwestern and central parts of the grid to less than a percent in the west-central and eastern parts. The grid covers an area of relatively subdued topography. Maximum relief is about 500 metres.

Strata young to the north, strike about 100° and dip moderately and uniformly south. Fine clastics of Kechika Group, Road River Group and Earn Group are represented in thrust panels bounded by east-west striking and south dipping thrust faults inferred from stratigraphic relationships. Strata are progressively hornfelsed to the north in proximity to the margin of the McArthur Batholith. Slates of Earn Group are correlatable to those on the lower southern flank of Kalzas Mountain on the KAL claims. HLEM and magnetics were an aid in mapping lithologies and structure. Results of grid mapping are presented on a topographic base at a scale of 1:5,000 (Figures 5 and 6).

Map Units

Kechika Group: Phyllite facies of Kechika Group is represented by crenulated, lustrous, silver grey, muscovite phyllite. In places the phyllite is calcareous and interbedded with thin marble beds. Carbonate facies of Kechika Group, including thinly banded green and maroon calc-silicate hornfels occurs south of BUM claims.

Road River Group: Black, graphitic, graptolitic slate outcrops at a single locality on the south end of a ridge immediately south of "Little Bum Lake". The presence of graptolites and the more platy character of cleavage distinguishes slates of Road River Group from those of Earn Group. At "Little Bum Lake" a narrow zone with abundant quartz veins separates slates of the two groups. Graptolites are derivatives of diplograptus and thought to be Middle to Upper Ordovician in age. The contact between Road River and Kechika is not exposed.

Earn Group: Most of the grid is underlain by dark grey to black, graphite-bearing slate presumed to belong to Earn Group and to be correlatable to either Lower Earn Group of Gordey et al (1982) or to the Crystal Peak Formation. Slates are well cleaved but locally are very siliceous and resemble chert. Some slate is lustrous, resembling in this respect phyllite of Kechika Group, but lacks crenulation cleavage and is darker in colour. In the northern part of the grid slate is porphyroblastic with andalusite.

In the central part of the grid, slate units are interbedded with more silty, sandy and/or gritty shale and slate units. Coarser grains are dark glassy quartz and black chert similar to clasts of Crystal Peak Formation. Clean quartz sandstone is rarely observed and is commonly highly fractured and cut by white quartz stringers.

A unit of calcareous and fossiliferous black slate strikes across lines 32W and 30W but was not traced to the east. Fossils include brachiopods, crinoids and bryozoa. Calcareous slate or mudstone outcrops around "Little Bum Lake". Both calcareous and fossiliferous slate units are interbedded with normal or more monotonous slate.

Shales with bryozoa are traceable from BUM grid to Dromedary Mountain. Similar fossils studied on the KAL claims were found not to be diagnostic and may be Silurian to Permian in age.

Table 1

Table of Formations

<u>System</u>	<u>Series</u>	<u>Formation</u>	<u>Lithology</u>
Mesozoic	Upper Cretaceous 120-90 m.y. Suite		Porphyritic (K-feldspar) biotite-quartz monzonite
Intrusive Contact			
Paleozoic	Lower Mississippian (to Middle Devonian?)	Earn Group (Crystal Peak Formation?)	Dark grey to black slate, commonly calcareous and/or sandy; fossiliferous slate/mudstone; minor quartz lithic sandstone.
Unconformity			
	Middle to Upper Ordovician	Road River Group	Black graphitic, graptolitic slate
	Ordovician to Cambrian	Kechika Group	Calcareous phyllite, "wavy banded" limestone (thinly interbedded silty lime- stone and silty shale) and contact metamorphosed equivalents.

GEOCHEMISTRY

852 soil samples were collected by junior assistants G. Graham, S. Dobell, D. Marshall, C. Gittins and others. Samples were routinely run for Cu, Pb, Zn and Ag and selectively for Hg and/or Ba (77 samples) by Bondar-Clegg in Whitehorse. Raw data are tabulated in Appendix II and presented in Figures 7 and 8. Analytical procedures are summarized in Appendix I.

Soil samples were collected at 25 m stations and at an average depth of 25 cm. The quality of soil samples is considered to be good to excellent but local dilution effects due to inclusion of volcanic ash are probable. Poor quality soil samples are identified on the geochemistry maps. Much of the eastern part of the grid is covered by deep overburden.

Analytical results from the soil survey were treated statistically (see histograms, Appendix II). Data for copper, lead, zinc and silver are lognormally distributed. Upper and lower thresholds for lead of 40 ppm and 20 ppm, in the 90 to 95 percentile range respectively, were arbitrarily picked to provide best contrast in data. Thresholds for lead are used to identify "possibly anomalous" areas on soil geochemistry maps.

Definition of "possibly anomalous" zones using these thresholds for lead is poor, particularly in the western part of the grid, where values appear to be a reflection of nearness to bedrock exposure. A discontinuous zone of values is evident across the central part of the grid but may be more indicative of distribution of slates of Road River Formation than base metal mineralization.

Barium and mercury content of soils, for selected lines (L28W, L20W, L12E) tested, are subdued.

GEOPHYSICS

Geophysical surveys on BUM grid were carried out during the period July 12 to September 2, 1982. Work performed consisted of 31 line kilometres of linecutting and secant chaining, 24 line kilometres of total field magnetometer survey and horizontal loop electromagnetometer survey, and 11 line kilometres of gravity/levels survey.

The purpose of those surveys was to define ground location and further define nature of electromagnetic conductors and magnetic features detected by an airborne survey completed in the spring of 1981 (Carlson, 1981). 1982 surveys are discussed in the accompanying report by Scott (1983).

MINERALIZATION

Only minor iron sulfide mineralization was noted during the course of mapping and prospecting. Interbedded silty shale and impure calcareous sandstone, containing disseminated galena and sphalerite, on the KAL claims are on strike with slates of Earn Group on BUM claims.

RECOMMENDATIONS

The section of the Earn Group containing interbedded calcareous and silty to gritty slate lacks both disseminated base metal mineralization and the anomalous lead signature of similar strata along strike to the east on the CAVE grid of the KAL claims. No further work is recommended at this time.

REFERENCES

- Campbell, R.B., 1967. Geology of the Glenlyon map area; Geol. Surv. Can., Mem. 352 (Includes Maps 1221-A and 1222-A).
- Carlson, G.G., Nov. 16, 1981. Assessment Work Report Geological, Geophysical and Geochemical Investigation of the ACE 1 to 724, and EARN 1 to 4 Claim Group. Anaconda Canada Exploration Ltd.
- Gordey, S.P., Abbott, J.G., and Orchard, M.J. 1982. Devonian-Mississippian (Earn Group) and Younger Strata in East-Central Yukon. *in* Current Research, Part B, G.S.C., Paper 82-1B, pp. 93-100.
- Hall, R. November 10, 1982. Anaconda Canada Exploration Ltd. Report for Assessment. Geological Geochemical and Geophysical Evaluation of the KAL 1-292 Claims. Selwyn Project, Kalzas Mountain Area, Mayo Mining District. Latitude 62°55'N, Longitude 135°17'W, NTS 105-L/14. Field work performed during the period July 10 to September 15, 1982.
- Scott, A., May, 1982. Assessment Reports, Winter 1982 Geophysical Surveys (Magnetics, electromagnetics, gravity), Selwyn Project, Earn Lake Area, Y.T. Field Work: March 1 - April 4, 1982., BUM, KAL, CLARE, BUSH, RABBIT, WAD Claims.
- _____ November, 1982. Geophysical Investigation of the KAL Claims (Electromagnetic, Gravity, Self Potential and Magnetometer Surveys). Selwyn Project, Kalzas Mtn. Area, Mayo Mining Division, Y.,T. Lat. 62°56'N, Long. 135°15'W, NTS 105 L14. Field Work Performed: within the period July 28 to Sept. 15, 1982.
- _____ May 20, 1983. Geophysical Investigation of the BUM Claims (Electromagnetic, Gravity and Magnetometer Surveys), BUM Grid. Selwyn Project, Kalzas Mtn. Area, Mayo Mining Division, Y.T. Lat. 62°52'N, Long. 135°15'W, NTS 105 L/14. Field Work Performed: within the period July 12 to Sept. 2, 1982.
- Tempelman-Kluit, D.J., 1976. The Yukon Crystalline Terrane—enigma in the Canadian Cordillera. Geol. Soc. Am. Bulletin, V.87, pp. 1343-1357.
- _____ 1979. Transported Cataclasite, Ophiolite and Granodiorite in Yukon: Evidence of Arc Continental Collision. G.S.C. Paper 79-14, 27 pp.
- Wood, D.H. and Armstrong, R.L. 1981. Geology, Geochemistry and Geochronometry of the Cretaceous South Fork Volcanics, Yukon Territory. *in* Current Research, Part A, G.S.C., Paper 82-1A, pp. 309-316.

APPENDIX I

STATEMENT OF EXPENDITURES

CERTIFICATION

NAMES AND ADDRESSES OF PERSONNEL

STATEMENT OF EXPENDITURES

BUN 1-106 CLAIMS

MAY 1, 1982 TO MAY 1, 1983

	\$ (Thousands)
Salaries: geology 25 days @ \$95/day	2.38
geochemistry 25 " @ \$75/day	1.88
geophysics 25 " @ \$90/day	5.22
Contract geophysics: (Murrex Gravity Surveys) 22 days @ \$175/day	3.85
Contract line cutting: (Eastern Associates) 30.8 km @ \$375/km	11.55
Geochemical analysis: 852 soil samples @ \$4.90/sample	4.17
Geophysical equipment rental: 21 days @ \$8,230/month	5.76
Fixed wing supply flights to base camp (ALCAN) @ \$40/claim	4.24
Helicopter support (TNIA) 55 hours @ \$500/hr	27.5
Camp charges: 160 man days @ \$50/day	8.0
Office charges: 30 days @ \$200/day	6.0
Freight and communication charges @ \$10/claim	<u>1.06</u>
TOTAL	81.61

CERTIFICATION

I, Richard D. Hall of 4969 Quebec Street, Vancouver, B. C., am employed as a professional geologist by Anaconda Canada Exploration Ltd. and have knowledge of the work performed and costs incurred per this report.

I further attest that:

1. I graduated with a BSc. (Geological Engineering) from Queen's University in 1972.
2. I graduated with a PhD (Geology) from The University of Western Ontario in 1980.
3. I have been practicing my profession for the past eleven years.

Respectfully submitted,



Richard D. Hall

Geologist

Distribution:

- (2) Mining Recorder
- (1) I.M.E., Vancouver, B.C.

NAMES AND ADDRESSES OF PERSONNEL

The following personnel employed on either a temporary or permanent basis by Anaconda Canada Exploration Ltd. took part in work described in this report:

S. Abercrombie - senior geological assistant
314 W. 16th Ave.
Vancouver, B.C. V5Y 1Y9

M. Archambault - associate geologist
314 W. 16th Ave.
Vancouver, B. C. V5Y 1Y9

L. Coughlan - senior geological assistant
1827 Lorraine Ave.
Ottawa, Ontario K1H 6Z7

G. Crowe - geologist
4-2038 Kensington Rd. N.W.
Calgary, Alberta T2N 3R6

S. Dobell - junior geological assistant
General Delivery
Whistler, B.C. V0N 1B0

G. Graham - geological assistant
Apt. 2-3836 Cambie St.
Vancouver, B. C.

R. Hall - project geologist
4969 Quebec St.
Vancouver, B. C. V5W 3N2

D. Marshall - junior geological assistant
Box 137
Metcalf, Ontario

F. Thrane - geological technician
3680 St. Georges
North Vancouver, B.C.
V7N 1V9

APPENDIX II

SOIL GEOCHEMICAL RESULTS AND STATISTICAL ANALYSIS OF DATA

BONDAR-CLEGG & COMPANY LTD.
136B Industrial Rd.,
Whitehorse, Yukon
Y1A 4X1

APPENDIX

KEY NOTATIONS

Type: R=rock D=drillcore S=soil L=stream sediment
C=concentrate W=water V=vegetation X=standard
P=pulp

Sieve Size: Default= -80 mesh I= -80 mesh A= pulverized
B= -60 mesh C= -40 mesh D= -20 mesh V=
vegetation ash X= unknown or as received.

Digestion/Analysis codes: Each entry corresponds to one element
of the same column number.

Digestion	Code	Analysis	Code
Fire Assay	F	Atomic Absorption	1
HNO ₃	B	Colorimetry	2
HNO ₃ -HC104	D	Fluorimetry	3
Multi acid	C	Carbon Rod AA	4
Iodide Fusion	I	X-Ray Fluorescence	6
Evaporation Preconc. + HNO ₃	G	Specific Ion	5
Aqua Regia	A		
Fusion	T		
HBr-Br	E		

All other Digestion/Analysis codes will be defined at the end of
written reports, and in the "Header" portion of transmitted reports.

Element Values: All element concentrations are in PPM (parts per
million), unless otherwise noted.

Alpha characters will denote the following:

=Blank, for a normal value.
G=Greater than the limit of detection.
H=Interference (numerical field will show best
estimate under circumstances).
L=Less than the limit of detection.
N=Undetected (numerical field blank).
Q=Interference and small sample.
R=Analysis done on a reduced sample size
relative to sample population.
S=Insufficient sample (numerical field blank).
T=Detection limit on small sample size.
Z=Value is forthcoming.

Digestion/Analysis code is combined: with digestion code first, e.g.
B2 is HNO₃ digestion with colorimetric analysis; Emission Spec,
X-Ray, and Neutron Activation will have a "blank" as digestion
code, unless they are performed on a portion of the sample that
differs from "as received".

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18325	8.	12.	40.	.2
18326	4.	10.	35.	.2
18327	4.	6.	40.	.5
18328	4.	8.	60.	.5
18329	36.	10.	135.	.3
18330	14.	16.	380.	.8
18331	124.	8.	380.	.8
18332	22.	12.	140.	.5
18333	2.	6.	30.	.1
18334	6.	4.	40.	.2
18335	10.	8.	70.	.5
18336	2.	10.	95.	.2
18337	18.	8.	50.	.3
18338	275.	14.	65.	1.5
18339	16.	10.	60.	.2
18340	30.	12.	80.	.4
18341	24.	12.	65.	.3
18342	50.	14.	135.	.6
18343	32.	14.	100.	.5
18344	8.	22.	65.	.3
18345	12.	10.	135.	.4
18346	2.	8.	60.	.4
18347	40.	12.	160.	.6
18348	8.	6.	165.	.2
18349	4.	4.	130.	.2
18350	4.	4.	5.	.2
18351	4.	4.	20.	.1
18352	12.	10.	70.	.2
18353	4.	8.	20.	.2
18354	14.	12.	100.	.6
18355	24.	12.	30.	.5
18356	4.	12.	55.	.2
18357	10.	8.	50.	.3
18358	4.	6.	10.	.3
18359	12.	4.	30.	.1

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18360	6.	4.	30.	.4
18361	8.	6.	110.	.3
18362	4.	8.	60.	.3
18363	2.	8.	35.	.4
18364	8.	10.	85.	.3
18365	4.	10.	60.	.2
18366	12.	12.	100.	.1
18367	10.	12.	105.	.5
18368	4.	10.	75.	.2
18369	2.	6.	15.	.2
18370	4.	10.	65.	.3
18371	8.	16.	110.	.3
18372	34.	16.	140.	.5
18373	4.	10.	50.	.2
18374	10.	12.	120.	.3
18375	12.	6.	200.	.3
18376	4.	4.	60.	.2
18377	4.	4.	90.	.1
18378	2.	2.	15.	.1
18379	4.	2.	20.	.2
18380	2.	4.	10.	.1
18381	2.	4.	15.	.1
18382	4.	4.	30.	.1
18383	8.	6.	70.	.2
18384	14.	4.	30.	.1
18385	2.	4.	50.	.2
18386	2.	10.	70.	.3
18387	4.	8.	35.	.2
18388	8.	12.	95.	.1
18389	4.	8.	50.	.2
18390	10.	12.	60.	.2
18391	8.	10.	60.	.2
18392	4.	10.	30.	.2
18393	2.	6.	20.	.2
18394	12.	12.	75.	.1

Anaconda Canada Exploration Limited

Property Name: Bum	Survey Type: Soils	Province: Yukon Territory	NTS: 105L/14
Project Name: Selwyn Basin	Project Code: 51983	Claims: Bum	Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18395	30.	16.	145.	.3
18396	10.	10.	140.	.5
18397	32.	8.	125.	.4
18398	16.	8.	80.	.2
18399	10.	12.	80.	.7
18400	10.	12.	160.	.5
18401	4.	16.	230.	.3
18402	8.	10.	70.	.5
18403	6.	12.	55.	.2
18404	4.	4.	60.	.3
18405	8.	10.	65.	.3
18406	4.	16.	70.	.2
18407	44.	22.	280.	.6
18408	20.	24.	490.	.6
18409	8.	14.	220.	.8
18410	18.	16.	460.	1.4
18411	4.	10.	45.	.5
18412	30.	20.	455.	.5
18413	10.	14.	140.	.4
18414	8.	860.	355.	.5
18415	40.	64.	3300.	1.7
18416	4.	24.	130.	.2
18417	4.	20.	80.	.2
18418	2.	38.	110.	.2
18419	2.	80.	225.	.2
18420	18.	130.	830.	.6
18421	12.	16.	135.	.3
18422	8.	14.	110.	.4
18423	4.	20.	85.	.3
18424	2.	14.	60.	.5
18425	4.	14.	100.	.2
18426	2.	10.	55.	.1
18427	168.	74.	2850.	4.8
18428	20.	22.	920.	2.6
18429	80.	22.	780.	2.4

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18430	4.	10.	60.	.2
18431	4.	12.	50.	.1
18432	24.	24.	1060.	1.4
18433	12.	28.	240.	.3
18434	16.	16.	60.	.1
18435	6.	10.	75.	.3
18436	14.	10.	65.	.3
18437	34.	12.	190.	.1
18450	4.	10.	40.	.2
18451	4.	8.	35.	.1
18452	4.	10.	40.	.2
18453	8.	8.	45.	.2
18454	8.	8.	45.	.2
18455	4.	10.	60.	.3
18456	16.	12.	50.	.2
18457	8.	10.	50.	.3
18458	22.	10.	170.	.4
18459	22.	10.	310.	1.3
18460	54.	14.	360.	.5
18461	18.	12.	340.	.6
18462	12.	10.	160.	.4
18463	8.	10.	105.	.5
18464	20.	10.	135.	.5
18465	12.	12.	180.	.1
18466	8.	12.	120.	.2
18467	6.	8.	140.	.4
18468	8.	12.	120.	.4
18469	6.	10.	165.	.5
18470	10.	10.	160.	.2
18471	8.	10.	130.	.4
18472	16.	10.	150.	.4
18473	14.	12.	210.	.9
18474	16.	10.	90.	.4
18475	4.	8.	80.	.3
18476	4.	8.	45.	.2

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18477	6.	8.	70.	.5
18478	16.	10.	85.	.2
18479	8.	20.	70.	.5
18480	4.	16.	60.	.7
18481	4.	26.	70.	.4
18482	10.	14.	85.	.5
18483	10.	20.	80.	.6
18484	8.	12.	85.	.2
18485	4.	8.	20.	.4
18486	4.	10.	20.	.5
18487	6.	10.	40.	.2
18488	6.	8.	45.	.2
18489	4.	6.	45.	.4
18490	8.	12.	120.	.4
18491	10.	12.	170.	.2
18492	8.	10.	135.	.7
18493	4.	8.	50.	.3
18494	8.	8.	45.	.5
18495	10.	16.	200.	.4
18496	26.	14.	165.	.8
18497	6.	8.	50.	.2
18498	6.	8.	30.	.4
18499	6.	10.	50.	.4
19152	84.	18.	450.	1.1
19153	38.	14.	150.	.7
19154	39.	14.	153.	.9
19155	52.	16.	165.	.7
19156	48.	21.	170.	.7
19157	49.	18.	145.	1.0
19158	53.	23.	175.	.6
19159	46.	23.	170.	.5
19160	19.	7.	110.	.2
19161	158.	6.	500.	.5
19162	22.	8.	60.	.4
19163	12.	10.	65.	.4

Anaconda Canada Exploration Limited

Property Name: Bum	Survey Type: Soils	Province: Yukon Territory	NTS: 105L/14
Project Name: Selwyn Basin	Project Code: 51983	Claims: Bum	Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19164	4.	6.	60.	.2
19165	11.	9.	123.	.7
19166	20.	12.	85.	.4
19167	19.	8.	45.	.4
19168	9.	8.	110.	.4
19169	34.	14.	115.	.6
19170	40.	15.	170.	.4
19171	20.	11.	135.	.4
19172	12.	14.	100.	.4
19173	18.	10.	165.	.2
19174	27.	11.	80.	.3
19175	12.	8.	285.	.4
19176	13.	6.	110.	.5
19177	32.	16.	275.	.4
19178	31.	22.	720.	.3
19179	20.	13.	200.	.4
19180	5.	9.	60.	.4
19181	3.	6.	80.	.6
19182	14.	8.	190.	.3
19183	5.	11.	115.	.7
19184	18.	11.	140.	.6
19185	4.	8.	75.	.4
19186	8.	9.	155.	.3
19187	10.	4.	145.	.4
19188	10.	6.	50.	.2
19189	18.	10.	120.	.8
19190	14.	6.	115.	1.3
19191	4.	7.	45.	.6
19192	4.	10.	195.	.6
19193	10.	6.	100.	.4
19194	5.	11.	155.	.5
19195	10.	8.	45.	.4
19196	9.	8.	87.	.6
19197	3.	6.	45.	.4
19198	13.	9.	175.	.2

Anaconda Canada Exploration Limited

Property Name: Bum	Survey Type: Soils	Province: Yukon Territory	NTS: 105L/14
Project Name: Selwyn Basin	Project Code: 51983	Claims: Bum	Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19199	10.	11.	50.	.4
19215	6.	9.	135.	.4
19216	8.	7.	65.	.4
19217	12.	8.	50.	.4
19218	10.	8.	65.	.3
19219	7.	8.	70.	.1
19220	11.	8.	70.	.1
19221	12.	13.	200.	.8
19222	8.	10.	35.	.2
19223	10.	12.	65.	.3
19224	10.	14.	100.	.2
19225	11.	16.	205.	.4
19226	8.	22.	190.	.4
19227	4.	8.	70.	.2
19228	21.	30.	310.	.9
19229	7.	22.	305.	.7
19230	23.	40.	305.	.8
19231	19.	27.	95.	.4
19232	8.	14.	110.	.2
19233	16.	15.	80.	.2
19234	48.	16.	170.	.2
19235	10.	8.	65.	.4
19236	15.	12.	80.	.4
19237	34.	12.	70.	.4
19238	10.	7.	40.	.1
19239	7.	6.	40.	.4
19240	2.	4.	25.	.3
19241	5.	6.	30.	.1
19242	3.	8.	35.	.2
19243	8.	6.	45.	.4
19244	6.	8.	40.	.2
19245	5.	8.	35.	.3
19246	16.	9.	35.	.2
19247	7.	8.	60.	.4
19248	5.	8.	35.	.2

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19249	4.	8.	40.	.2
19250	21.	6.	70.	.3
19251	10.	8.	50.	.1
19252	4.	7.	40.	.1
19253	9.	11.	55.	.5
19254	9.	12.	60.	.5
19255	13.	10.	100.	.3
19256	2.	6.	35.	.3
19257	4.	7.	40.	.1
19258	7.	12.	80.	.3
19259	4.	12.	90.	.4
19260	12.	16.	240.	.4
19261	3.	7.	35.	.3
19262	8.	7.	35.	.2
19263	4.	8.	40.	.6
19264	4.	6.	50.	.2
19265	5.	6.	105.	.7
19266	15.	4.	35.	.4
19267	10.	6.	30.	.4
19268	8.	9.	50.	.4
19269	8.	4.	20.	.4
19270	6.	4.	45.	.1
19271	10.	11.	125.	.4
19272	21.	8.	125.	.3
19273	10.	5.	60.	.5
19274	10.	6.	50.	.4
19275	8.	10.	85.	.2
19276	5.	6.	110.	.2
19277	12.	10.	130.	.4
19278	13.	12.	90.	.2
19279	36.	7.	75.	.6
19280	3.	6.	35.	.7
19281	5.	8.	75.	.6
19282	2.	8.	40.	.7
19283	4.	8.	50.	.4

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19284	3.	6.	45.	.2
19285	3.	8.	65.	.3
19286	4.	4.	40.	.3
19287	7.	4.	40.	.3
19288	3.	6.	55.	.3
19289	15.	8.	45.	.1
19290	4.	8.	65.	.1
19291	2.	8.	45.	.4
19292	2.	6.	45.	.2
19293	7.	8.	75.	.5
19294	8.	8.	95.	.3
19295	5.	4.	70.	.1
19296	2.	6.	85.	.4
19297	8.	8.	30.	.3
19298	4.	8.	30.	.2
19299	4.	4.	30.	.4
19300	3.	8.	95.	.4
19301	4.	8.	125.	.3
19302	4.	8.	105.	.1
19303	6.	10.	40.	.3
19304	4.	12.	40.	.2
19305	5.	8.	40.	.3
19306	6.	8.	60.	.1
19307	2.	8.	30.	.3
19308	4.	6.	25.	.5
19309	7.	8.	40.	.2
19310	8.	6.	35.	.3
19311	7.	10.	80.	.3
19312	8.	12.	70.	.2
19313	6.	8.	60.	.2
19314	6.	8.	55.	.2
19315	4.	6.	40.	.4
19316	3.	10.	50.	.3
19317	4.	8.	125.	.4
19335	3.	6.	65.	.2

Anaconda Canada Exploration Limited

Property Name: Bum	Survey Type: Soils	Province: Yukon Territory	NTS: 105L/14
Project Name: Selwyn Basin	Project Code: 51983	Claims: Bum	Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19336	3.	6.	50.	.3
19337	5.	6.	50.	.5
19338	4.	8.	40.	.3
19339	5.	8.	65.	.3
19340	7.	8.	40.	.2
19341	3.	10.	45.	.5
19342	3.	8.	45.	.4
19343	6.	8.	45.	.2
19344	6.	10.	40.	.3
19345	7.	10.	35.	.3
19347	4.	12.	130.	.4
19348	4.	12.	100.	.4
19349	3.	10.	95.	.5
19350	4.	10.	80.	.6
19351	3.	6.	90.	.3
19352	38.	12.	75.	.6
19353	9.	8.	60.	.2
19354	8.	8.	60.	.2
19355	3.	8.	45.	.3
19356	3.	8.	35.	.3
19357	6.	12.	70.	.3
19358	4.	6.	100.	.4
19359	4.	8.	70.	.7
19360	5.	8.	85.	.9
19361	14.	10.	70.	.5
19362	16.	8.	70.	.3
19363	5.	8.	55.	.2
19364	5.	8.	40.	.4
19365	8.	10.	65.	.4
19366	10.	8.	50.	.5
19367	10.	8.	100.	.6
19368	12.	8.	80.	.6
19369	8.	12.	95.	.5
19370	27.	16.	175.	.4
19371	4.	6.	50.	.3

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19372	2.	8.	50.	.5
19373	3.	8.	30.	.3
19374	17.	8.	60.	.2
19375	6.	12.	50.	.2
19376	5.	10.	55.	.3
19377	7.	8.	50.	.3
19378	7.	8.	65.	.2
19379	10.	14.	75.	.6
19380	4.	8.	80.	.6
19381	4.	10.	85.	.3
19382	16.	12.	170.	.4
19383	15.	14.	275.	.2
19384	18.	12.	185.	.4
19385	10.	6.	46.	.3
19386	37.	10.	85.	.4
19387	13.	8.	265.	.4
19388	5.	8.	120.	.2
19389	7.	8.	35.	.3
19390	4.	8.	55.	.3
19391	8.	10.	90.	.4
19392	6.	8.	80.	.2
19393	10.	6.	80.	.4
19394	5.	8.	50.	.3
19395	8.	10.	90.	.6
19396	14.	36.	160.	.8
19397	14.	58.	130.	1.6
19398	4.	6.	25.	.5
19399	8.	8.	35.	.4
19400	4.	6.	65.	.4
19401	8.	8.	70.	.5
19402	6.	10.	30.	.2
19403	30.	42.	860.	.9
19404	62.	60.	610.	.8
19405	4.	10.	45.	.6
19406	4.	6.	40.	.4

Anaconda Canada Exploration Limited

Property Name: Bum	Survey Type: Soils	Province: Yukon Territory	NTS: 105L/14
Project Name: Selwyn Basin	Project Code: 51983	Claims: Bum	Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19407	30.	24.	115.	.7
19408	24.	18.	110.	.4
19409	16.	20.	80.	.5
19410	18.	20.	60.	.5
19411	6.	10.	55.	.2
19412	8.	22.	185.	.3
19413	10.	22.	100.	.5
19414	2.	320.	405.	1.6
19415	4.	30.	235.	.4
19416	12.	62.	210.	.8
19417	10.	10.	120.	.5
19418	104.	36.	250.	4.0
19419	56.	56.	620.	1.5
19420	54.	22.	300.	1.9
19421	78.	18.	535.	2.0
19422	10.	14.	85.	.4
19423	12.	10.	60.	.5
19424	8.	8.	55.	.4
19425	6.	10.	45.	.5
19426	2.	8.	30.	.4
19427	4.	8.	40.	.5
19428	4.	8.	25.	.3
19429	18.	10.	70.	.4
19430	12.	12.	115.	1.0
19431	14.	16.	55.	.3
19432	4.	8.	40.	.4
19433	4.	6.	35.	.5
19434	6.	8.	40.	.5
19475	8.	10.	40.	.3
19476	8.	6.	70.	.2
19477	22.	16.	110.	.4
19478	10.	10.	50.	.1
19479	26.	14.	105.	.3
19480	20.	10.	75.	.1
19481	18.	10.	70.	.4

Anaconda Canada Exploration Limited

Property Name: Bum	Survey Type: Soils	Province: Yukon Territory	NTS: 105L/14
Project Name: Selwyn Basin	Project Code: 51983	Claims: Bum	Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19482	10.	8.	70.	.3
19483	12.	8.	75.	.3
19484	4.	6.	30.	.2
19485	8.	12.	60.	.2
19486	6.	8.	30.	.1
19487	16.	4.	15.	.3
19488	24.	12.	70.	.1
19489	16.	12.	80.	.2
19490	12.	4.	55.	.2
19491	26.	10.	110.	.4
19492	16.	12.	105.	.3
19493	14.	34.	180.	.5
19494	32.	16.	165.	.2
19495	14.	38.	195.	.3
19496	22.	20.	120.	.3
19497	10.	8.	65.	.2
19498	8.	12.	105.	.3
19499	22.	34.	165.	.4
19500	12.	14.	80.	.4
19501	12.	22.	120.	.2
19502	20.	12.	140.	.2
19503	24.	28.	140.	.6
19504	20.	14.	120.	.4
19505	20.	14.	105.	.4
19506	30.	20.	190.	.3
19507	36.	20.	155.	.1
19508	4.	14.	60.	.2
19509	4.	18.	50.	.2
19510	10.	14.	90.	.4
19511	12.	10.	60.	.3
19512	8.	10.	55.	.2
19513	22.	20.	135.	.5
19514	8.	4.	65.	.2
19515	8.	8.	60.	.1
19516	8.	14.	120.	.2

Anaconda Canada Exploration Limited

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19517	20.	22.	380.	1.5
19518	16.	14.	100.	.3
19519	22.	14.	120.	.2
19520	16.	16.	90.	.3
19521	4.	16.	30.	.2
19522	12.	22.	150.	1.1
19523	12.	12.	170.	.6
19524	38.	22.	410.	2.2
19525	26.	20.	470.	.9
19526	10.	20.	360.	1.5
19527	6.	12.	80.	.2
19528	60.	52.	290.	1.3
19529	30.	24.	450.	.4
19530	12.	6.	135.	.1
19531	8.	205.	2400.	2.3
19532	8.	12.	60.	.2
19533	2.	100.	1030.	.2
19534	12.	12.	50.	.1
19535	4.	28.	170.	.5
19536	1.	14.	35.	.1
19537	12.	28.	170.	.3
19538	24.	355.	3400.	1.7
19539	6.	12.	30.	.2
19540	4.	12.	40.	.1
19541	8.	16.	40.	.4
19542	6.	12.	55.	.3
19543	4.	12.	45.	.2
19544	8.	16.	85.	.4
19545	2.	6.	40.	.2
19546	28.	24.	170.	1.2
19547	38.	3400.	245.	8.0
19548	156.	170.	1700.	.6
19549	12.	24.	115.	.1
19550	156.	38.	1500.	1.7
19551	78.	22.	315.	1.2

Anaconda Canada Exploration Limited

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19552	58.	24.	360.	.3
19750	6.	8.	30.	.5
19751	68.	22.	100.	.4
19752	20.	28.	150.	.5
19753	2.	16.	35.	.1
19754	6.	10.	55.	.2
19755	6.	6.	40.	.1
19756	4.	4.	20.	.3
19757	8.	16.	35.	.3
19758	14.	18.	140.	.4
19759	10.	30.	195.	.2
19760	16.	40.	375.	.5
19761	18.	48.	350.	.4
19762	10.	16.	180.	.3
19763	12.	10.	95.	.4
19764	4.	10.	40.	.3
19765	12.	12.	95.	.2
19766	8.	8.	55.	.4
19767	26.	20.	265.	2.3
19768	4.	8.	50.	.5
19769	24.	10.	120.	.3
19770	14.	12.	65.	.3
19771	4.	4.	20.	.2
19772	6.	10.	50.	.2
19773	4.	6.	45.	.3
19774	12.	10.	80.	.3
19775	16.	10.	100.	.3
19776	4.	10.	55.	.2
19777	32.	10.	100.	.2
19778	8.	8.	40.	.2
19779	8.	8.	45.	.5
19780	4.	8.	50.	.8
19781	4.	8.	45.	.6
19782	28.	8.	165.	.2
19783	16.	8.	85.	.2

Anaconda Canada Exploration Limited

Property Name: Bum	Survey Type: Soils	Province: Yukon Territory	NTS: 105L/14
Project Name: Selwyn Basin	Project Code: 51983	Claims: Bum	Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19784	18.	10.	80.	.4
19785	58.	16.	330.	.5
19786	114.	26.	580.	1.3
19787	20.	12.	290.	.5
19788	16.	14.	470.	.7
19789	10.	14.	255.	.4
19790	62.	122.	1450.	1.0
19791	32.	70.	370.	1.4
19792	26.	60.	430.	1.4
19793	8.	530.	820.	.7
19794	4.	16.	100.	.2
19795	2.	12.	20.	.5
19796	4.	14.	50.	.2
19797	4.	8.	40.	.3
19798	4.	8.	35.	.1
19799	8.	12.	40.	.2
19825	10.	8.	20.	.6
19826	12.	10.	60.	.3
19827	12.	8.	70.	.2
19828	28.	10.	60.	.2
19829	24.	6.	10.	.1
19830	30.	4.	35.	.4
19831	72.	10.	145.	.2
19832	6.	6.	50.	.2
19833	12.	8.	95.	.5
19834	2.	8.	20.	.3
19835	2.	10.	35.	.1
19836	14.	8.	90.	.2
19837	2.	4.	20.	.1
19838	4.	8.	50.	.2
19839	2.	8.	45.	.2
19840	4.	8.	60.	.2
19841	4.	8.	110.	.2
19842	4.	10.	75.	.2
19843	4.	8.	90.	.4

Anaconda Canada Exploration Limited

Property Name: Bum	Survey Type: Soils	Province: Yukon Territory	NTS: 105L/14
Project Name: Selwyn Basin	Project Code: 51983	Claims: Bum	Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19844	4.	8.	70.	.3
19845	2.	10.	50.	.3
19846	2.	12.	25.	.4
19847	2.	10.	65.	.3
19848	6.	14.	195.	.3
19849	6.	28.	230.	.6
19850	2.	10.	110.	.4
19851	2.	22.	110.	.5
19852	2.	10.	100.	.8
19853	18.	26.	240.	.6
19854	10.	14.	300.	.5
19855	6.	20.	365.	.8
19856	16.	26.	265.	.4
19857	8.	12.	190.	1.0
19858	12.	20.	210.	.5
19859	10.	14.	165.	.2
19860	6.	14.	135.	.1
19861	40.	16.	105.	.2
19862	4.	4.	10.	.2
19863	14.	8.	60.	.4
19864	6.	10.	40.	.2
19865	18.	12.	50.	.2
19866	4.	8.	15.	.2
19867	4.	10.	65.	.2
19868	4.	8.	45.	.2
19869	4.	8.	40.	.2
19870	2.	8.	25.	.4
19871	8.	6.	40.	.2
19872	6.	8.	35.	.4
19873	2.	6.	20.	.2
19874	4.	8.	50.	.1
19875	2.	8.	35.	.1
19876	6.	10.	90.	.2
19877	8.	10.	100.	.2
19878	4.	6.	50.	.2

Anaconda Canada Exploration Limited

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19879	6.	8.	40.	.2
19880	3.	8.	45.	.2
19881	8.	8.	90.	.1
19882	6.	8.	40.	.2
19883	4.	10.	30.	.1
19884	4.	8.	40.	.3
19885	4.	10.	35.	.3
19886	6.	8.	45.	.2
19887	4.	8.	15.	.2
19888	6.	10.	65.	.2
19889	8.	10.	105.	.4
19890	1.	4.	20.	.1
19891	8.	12.	60.	.2
19892	22.	12.	50.	.5
19893	20.	8.	95.	.2
19894	6.	6.	45.	.3
19895	1.	8.	30.	.3
19896	8.	6.	40.	.2
19897	4.	6.	85.	.2
19898	8.	4.	55.	.1
19899	4.	6.	30.	.2
19900	12.	8.	65.	.4
19901	14.	4.	75.	.2
19902	40.	6.	25.	.2
19903	38.	8.	175.	.2
19904	22.	12.	180.	.1
19905	32.	12.	60.	.4
19906	46.	24.	115.	2.4
19925	4.	8.	55.	.2
19926	12.	18.	150.	.2
19927	8.	10.	75.	.6
19928	10.	16.	145.	.4
19929	16.	10.	55.	.2
19930	20.	12.	80.	.3
19931	24.	14.	105.	.4

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19932	10.	10.	110.	.2
19933	12.	8.	65.	.3
19934	8.	14.	250.	.6
19935	16.	16.	1480.	.2
19936	14.	20.	130.	.3
19937	16.	32.	180.	.4
19938	28.	76.	430.	1.0
19939	44.	38.	390.	1.1
19940	46.	32.	390.	.4
19941	32.	44.	280.	.7
19942	14.	10.	10.	.2
19943	8.	6.	55.	.1
19944	12.	12.	55.	.1
19945	16.	10.	50.	.2
19946	4.	6.	50.	.4
19947	12.	8.	80.	.1
19948	6.	8.	50.	.1
19949	12.	10.	55.	.2
19950	24.	12.	130.	.4
19951	8.	8.	80.	.2
19952	4.	12.	40.	.1
19953	4.	12.	90.	.2
19954	6.	10.	60.	.1
19955	4.	8.	70.	.3
19956	8.	8.	45.	.3
19957	6.	8.	65.	.1
19958	6.	8.	55.	.3
19959	4.	8.	60.	.4
19960	8.	8.	65.	.2
19961	4.	10.	65.	.1
19962	4.	8.	50.	.2
19963	2.	8.	40.	.1
19964	4.	6.	45.	.2
19965	4.	10.	85.	.3
19966	8.	10.	80.	.2

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19967	4.	8.	110.	.3
19968	8.	8.	45.	.4
19969	4.	8.	80.	.1
19970	20.	12.	80.	.3
19971	40.	16.	150.	.4
19000	14.	10.	40.	.2
19001	6.	4.	60.	.3
19002	6.	6.	65.	.2
19003	10.	10.	65.	.1
19004	10.	10.	50.	.2
19005	10.	12.	50.	.3
19006	4.	6.	25.	.5
19007	6.	8.	45.	.2
19008	4.	16.	30.	.3
19009	8.	6.	45.	.3
19010	20.	10.	70.	.7
19011	18.	8.	55.	.2
19012	2.	8.	25.	.1
19013	8.	10.	230.	.7
19014	10.	12.	45.	.4
19015	14.	6.	65.	.3
19016	14.	6.	70.	.3
19017	28.	12.	85.	.4
19018	26.	8.	30.	.4
19019	10.	32.	205.	.5
19020	10.	10.	120.	.2
19021	10.	14.	65.	.2
19022	12.	46.	110.	.3
19023	8.	8.	75.	.3
19024	18.	24.	100.	.4
19025	6.	4.	50.	.3
19026	12.	14.	50.	.2
19027	16.	16.	145.	.2
19028	10.	10.	40.	.2
19029	6.	8.	45.	.3

Anaconda Canada Exploration Limited

Property Name: Bum
Project Name: Selwyn Basin

Survey Type: Soils
Project Code: 51983

Province: Yukon Territory
Claims: Bum

NTS: 105L/14
Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19030	4.	6.	25.	.3
19031	10.	8.	55.	.2
19032	8.	12.	50.	.1
19033	8.	8.	40.	.2
19034	16.	10.	40.	.4
19035	6.	10.	35.	.2
19036	6.	8.	40.	.2
19037	6.	6.	35.	.3
19038	8.	8.	45.	.2
19039	6.	8.	40.	.2
19040	12.	12.	80.	.3
19041	16.	14.	75.	.2
19042	14.	12.	75.	.1
19043	8.	8.	35.	.2
19044	4.	6.	40.	.2
19045	6.	6.	40.	.2
19046	32.	10.	360.	.2
19047	6.	8.	150.	.3
19048	8.	8.	35.	.2
19049	6.	4.	35.	.2
19050	6.	4.	40.	.1
19051	10.	8.	55.	.3
19052	14.	16.	30.	.3
19053	16.	12.	55.	.4
19054	10.	12.	40.	.1
19055	28.	8.	105.	.2
19056	52.	8.	90.	.4
19057	36.	18.	100.	.3
19058	26.	12.	80.	.3
19059	52.	22.	135.	.2
19060	28.	12.	115.	1.0
19061	16.	16.	150.	.2
19062	12.	8.	50.	.3
19063	6.	10.	45.	.4
19064	16.	12.	40.	.3

Anaconda Canada Exploration Limited

Property Name: Bum

Survey Type: Soils

Province: Yukon Territory

NTS: 105L/14

Project Name: Selwyn Basin

Project Code: 51983

Claims: Bum

Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19065	6.	10.	80.	.4
19066	8.	8.	50.	.3
19067	18.	8.	50.	.4
19068	16.	10.	65.	.7
19069	14.	6.	35.	.6
19070	12.	14.	50.	.7
19071	16.	12.	60.	.1
19072	12.	10.	60.	.1
19073	18.	8.	65.	.4
19074	12.	8.	55.	.1
19075	12.	8.	35.	.2
19076	8.	10.	35.	.4
19077	8.	6.	50.	.3
19078	20.	12.	75.	.1
19079	20.	18.	85.	.1
19080	12.	10.	40.	.1
19081	8.	8.	35.	.4
19082	6.	12.	30.	.4
19083	4.	4.	20.	.2
19084	4.	8.	25.	.2
19085	28.	8.	70.	.2
19086	20.	6.	50.	.3
19087	12.	4.	40.	.3
19088	12.	20.	100.	.4
19089	12.	6.	40.	.2
19125	10.	6.	65.	.4
19126	12.	8.	60.	.3
19127	16.	16.	105.	.5
19128	26.	16.	310.	.4
19129	14.	12.	65.	.2
19130	8.	12.	130.	.5
19131	6.	10.	50.	.4
19132	12.	12.	40.	.3
19133	24.	8.	90.	.4
19134	14.	10.	70.	.4

Anaconda Canada Exploration Limited

Property Name: Bum

Survey Type: Soils

Province: Yukon Territory

NTS: 105L/14

Project Name: Selwyn Basin

Project Code: 51983

Claims: Bum

Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19135	4.	12.	85.	.3
19136	6.	8.	100.	.4
19137	16.	32.	215.	.2
19138	4.	10.	30.	.1
19139	8.	8.	45.	.4
19140	4.	8.	45.	.3
19141	2.	8.	25.	.2
19142	8.	8.	60.	.4
19143	4.	6.	30.	.2
19144	10.	8.	50.	.5
19145	24.	12.	95.	.7
19146	26.	10.	105.	.4
19147	14.	12.	65.	.2
19148	126.	20.	450.	.8
19149	6.	8.	40.	.8
19150	10.	12.	95.	.3
19151	30.	10.	120.	.4

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Metals	Cu	Pb
No of Samples	787	787
Minimum Value	1.00	2.00
Maximum Value	275.00	3400.00
Range	274.00	3398.00
Median	8.00	10.00
Mode	4.00	8.00
Mean	13.95	19.78
St Deviation	19.86	127.56
Mean + 2SD	53.67	274.90
Coeff Variation	1.42	6.45
Skewness	6.10	24.18
Kurtosis	54.99	627.92
2.5 Percentile	2.00	4.00
5.0 Percentile	2.00	4.00
16.5 Percentile	4.00	7.00
50.0 Percentile	8.00	10.00
82.2 Percentile	20.00	16.00
90.0 Percentile	28.00	22.00
95.0 Percentile	40.00	30.00
97.5 Percentile	56.00	52.00
99.0 Percentile	104.00	122.00

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Metals	Zn	Ag
No of Samples	787	787
Minimum Value	5.00	.10
Maximum Value	3400.00	8.00
Range	3395.00	7.90
Median	70.00	.30
Mode	40.00	.20
Mean	128.63	.41
St Deviation	259.44	.46
Mean + 2SD	647.51	1.33
Coeff Variation	2.02	1.14
Skewness	8.35	8.30
Kurtosis	85.98	108.04
2.5 Percentile	20.00	.10
5.0 Percentile	25.00	.10
16.5 Percentile	40.00	.20
50.0 Percentile	70.00	.30
82.2 Percentile	150.00	.50
90.0 Percentile	220.00	.70
95.0 Percentile	370.00	.90
97.5 Percentile	500.00	1.40
99.0 Percentile	1060.00	2.20

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 4.965 No. Samples: 787

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	4.01	203	*****	25.8	52.7
2	8.98	136	*****	17.3	70.0
3	13.95	89	*****	11.3	81.3
4	18.91	38	*****	4.8	86.1
5	23.88	33	*****	4.2	90.3
6	28.84	19	**	2.4	92.8
7	33.81	14	**	1.8	94.5
8	38.77	7	*	.9	95.4
9	43.74	7	*	.9	96.3
10	48.70	6		.8	97.1
11	53.67	5		.6	97.7
12	58.63	3		.4	98.1
13	63.60	1		.1	98.2
14	68.56	1		.1	98.3
15	73.53	2		.3	98.6
16	78.49	1		.1	98.7
17	83.46	1		.1	98.9
18	88.42	0		.0	98.9
19	93.39	0		.0	98.9
20	98.35	0		.0	98.9
21	103.32	1		.1	99.0
22	108.28	0		.0	99.0
23	113.25	1		.1	99.1
24	118.22	0		.0	99.1
25	123.18	2		.3	99.4

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 31.891 No. Samples: 787

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	19.78	82	*****	10.4	97.3
2	51.67	11	*	1.4	98.7
3	83.56	1		.1	98.9
4	115.45	2		.3	99.1
5	147.34	1		.1	99.2
6	179.23	1		.1	99.4
7	211.12	0		.0	99.4
8	243.01	0		.0	99.4
9	274.90	0		.0	99.4
10	306.80	1		.1	99.5
11	338.69	1		.1	99.6
12	370.58	0		.0	99.6
13	402.47	0		.0	99.6
14	434.36	0		.0	99.6
15	466.25	0		.0	99.6
16	498.14	1		.1	99.7
17	530.03	0		.0	99.7
18	561.92	0		.0	99.7
19	593.81	0		.0	99.7
20	625.70	0		.0	99.7
21	657.59	0		.0	99.7
22	689.48	0		.0	99.7
23	721.37	0		.0	99.7
24	753.26	0		.0	99.7
25	785.15	0		.0	99.7

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 64.859 No. Samples: 787

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	63.77	254	*****	32.3	76.7
2	128.63	89	*****	11.3	88.1
3	193.49	27	****	3.4	91.5
4	258.35	18	**	2.3	93.8
5	323.21	14	**	1.8	95.6
6	388.07	9	*	1.1	96.7
7	452.93	6		.8	97.5
8	517.79	2		.3	97.7
9	582.65	2		.3	98.0
10	647.51	0		.0	98.0
11	712.37	1		.1	98.1
12	777.23	3		.4	98.5
13	842.08	1		.1	98.6
14	906.94	1		.1	98.7
15	971.80	1		.1	98.9
16	1036.66	1		.1	99.0
17	1101.52	0		.0	99.0
18	1166.38	0		.0	99.0
19	1231.24	0		.0	99.0
20	1296.10	0		.0	99.0
21	1360.96	0		.0	99.0
22	1425.82	2		.3	99.2
23	1490.68	1		.1	99.4
24	1555.54	0		.0	99.4
25	1620.39	0		.0	99.4

0 5 10 15 20 25 30 35 40 45 50
 % Of Samples in Class Interval

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): .116 No. Samples: 787

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.06	79	*****	10.0	10.0
2	.17	214	*****	27.2	37.2
3	.29	304	*****	38.6	75.9
4	.41	72	*****	9.1	85.0
5	.52	36	*****	4.6	89.6
6	.64	22	***	2.8	92.4
7	.75	15	**	1.9	94.3
8	.87	6		.8	95.0
9	.98	6		.8	95.8
10	1.10	5		.6	96.4
11	1.22	4		.5	97.0
12	1.33	4		.5	97.5
13	1.45	4		.5	98.0
14	1.56	2		.3	98.2
15	1.68	3		.4	98.6
16	1.79	1		.1	98.7
17	1.91	1		.1	98.9
18	2.03	0		.0	98.9
19	2.14	1		.1	99.0
20	2.26	2		.3	99.2
21	2.37	2		.3	99.5
22	2.49	1		.1	99.6
23	2.60	0		.0	99.6
24	2.72	0		.0	99.6
25	2.84	0		.0	99.6

0 5 10 15 20 25 30 35 40 45 50
 % Of Samples in Class Interval

Anaconda Canada Exploration Limited

LOGARITHMIC SUMMARY STATISTICS

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Metals	Cu	Pb
No of Samples	787	787
Minimum Value	1.00	2.00
Maximum Value	275.00	3400.00
Range	274.00	3398.00
Median	8.00	10.00
Mode	4.00	8.00
Mean	9.01	10.76
Log St Dev	.38	.28
Mean + 2SD	50.85	39.54
Coeff Variation	.39	.27
Skewness	.49	2.55
Kurtosis	.43	14.43
2.5 Percentile	2.00	4.00
5.0 Percentile	2.00	4.00
16.5 Percentile	4.00	7.00
50.0 Percentile	8.00	10.00
82.2 Percentile	20.00	16.00
90.0 Percentile	28.00	22.00
95.0 Percentile	40.00	30.00
97.5 Percentile	56.00	52.00
99.0 Percentile	104.00	122.00

Anaconda Canada Exploration Limited

LOGARITHMIC SUMMARY STATISTICS

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Metals	Zn	Ag
No of Samples	787	787
Minimum Value	5.00	.10
Maximum Value	3400.00	8.00
Range	3395.00	7.90
Median	70.00	.30
Mode	40.00	.20
Mean	78.46	.31
Log St Dev	.36	.28
Mean + 2SD	417.25	1.16
Coeff Variation	.19	-.56
Skewness	.80	.58
Kurtosis	2.81*****	
2.5 Percentile	20.00	.10
5.0 Percentile	25.00	.10
16.5 Percentile	40.00	.20
50.0 Percentile	70.00	.30
82.2 Percentile	150.00	.50
90.0 Percentile	220.00	.70
95.0 Percentile	370.00	.90
97.5 Percentile	500.00	1.40
99.0 Percentile	1060.00	2.20

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .094 No. Samples: 787

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.67	0		.0	.0
2	.84	3		.4	.4
3	1.04	0		.0	.4
4	1.29	0		.0	.4
5	1.60	0		.0	.4
6	1.98	45	*****	5.7	6.1
7	2.46	20	***	2.5	8.6
8	3.06	0		.0	8.6
9	3.80	144	*****	18.3	26.9
10	4.71	19	**	2.4	29.4
11	5.85	86	*****	10.9	40.3
12	7.26	103	*****	13.1	53.4
13	9.01	67	*****	8.5	61.9
14	11.19	64	*****	8.1	70.0
15	13.89	70	*****	8.9	78.9
16	17.25	45	*****	5.7	84.6
17	21.41	35	*****	4.4	89.1
18	26.58	29	****	3.7	92.8
19	32.99	21	***	2.7	95.4
20	40.96	9	*	1.1	96.6
21	50.85	12	*	1.5	98.1
22	63.12	4		.5	98.6
23	78.36	2		.3	98.9
24	97.27	2		.3	99.1
25	120.76	2		.3	99.4

0 5 10 15 20 25 30 35 40 45 50
 % Of Samples in Class Interval

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .071 No. Samples: 787

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.53	0		.0	.0
2	1.80	2		.3	.3
3	2.12	0		.0	.3
4	2.49	0		.0	.3
5	2.93	0		.0	.3
6	3.45	40	*****	5.1	5.3
7	4.06	0		.0	5.3
8	4.77	1		.1	5.5
9	5.62	82	*****	10.4	15.9
10	6.61	9	*	1.1	17.0
11	7.77	211	*****	26.8	43.8
12	9.15	136	*****	17.3	61.1
13	10.76	108	*****	13.7	74.8
14	12.66	45	*****	5.7	80.6
15	14.90	41	*****	5.2	85.8
16	17.53	28	****	3.6	89.3
17	20.63	31	****	3.9	93.3
18	24.27	11	*	1.4	94.7
19	28.56	7	*	.9	95.6
20	33.60	8	*	1.0	96.6
21	39.54	5		.6	97.2
22	46.52	2		.3	97.5
23	54.74	6		.8	98.2
24	64.40	2		.3	98.5
25	75.78	2		.3	98.7

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .091 No. Samples: 787

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	6.40	0		.0	.1
2	7.88	0		.0	.1
3	9.72	5		.6	.8
4	11.97	0		.0	.8
5	14.75	6		.8	1.5
6	18.18	16	**	2.0	3.6
7	22.40	12	*	1.5	5.1
8	27.61	31	****	3.9	9.0
9	34.02	101	*****	12.8	21.9
10	41.93	103	*****	13.1	34.9
11	51.67	75	*****	9.5	44.5
12	63.67	89	*****	11.3	55.8
13	78.46	81	*****	10.3	66.1
14	96.68	63	*****	8.0	74.1
15	119.14	57	*****	7.2	81.3
16	146.82	46	*****	5.8	87.2
17	180.93	22	***	2.8	90.0
18	222.96	15	**	1.9	91.9
19	274.76	16	**	2.0	93.9
20	338.58	17	**	2.2	96.1
21	417.24	11	*	1.4	97.5
22	514.16	4		.5	98.0
23	633.61	2		.3	98.2
24	780.80	4		.5	98.7
25	962.18	2		.3	99.0

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .071 No. Samples: 787

Property Name: Bum Survey Type: Soils Province: Yukon Territory NTS: 105L/14
 Project Name: Selwyn Basin Project Code: 51983 Claims: Bum Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.04	0		.0	.0
2	.05	0		.0	.0
3	.06	0		.0	.0
4	.07	0		.0	.0
5	.09	79	*****	10.0	10.0
6	.10	0		.0	10.0
7	.12	0		.0	10.0
8	.14	0		.0	10.0
9	.16	0		.0	10.0
10	.19	214	*****	27.2	37.2
11	.23	0		.0	37.2
12	.27	150	*****	19.1	56.3
13	.31	0		.0	56.3
14	.37	154	*****	19.6	75.9
15	.44	72	*****	9.1	85.0
16	.51	36	*****	4.6	89.6
17	.60	22	***	2.8	92.4
18	.71	15	**	1.9	94.3
19	.84	6		.8	95.0
20	.99	9	*	1.1	96.2
21	1.16	6		.8	97.0
22	1.36	10	*	1.3	98.2
23	1.61	3		.4	98.6
24	1.89	3		.4	99.0
25	2.22	5		.6	99.6

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval



CLIENT: ANACONDA

REPORT NUMBER: G42-326

GEOLOGIST:

AGEOLOGIST:

PROJECT: 51983 SELWYN BASIN

NUMBER OF SAMPLES: 299

PRIORITY: P

DATE: SEPTEMBER 23, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

REC# /	SAMPLE NUMBER	/ T/ S	HG/A1 PPM	BA/ 6 PPM
--------	---------------	--------	--------------	--------------

0079	19435	P X	25	1614
0080	19436	P X	10	994

0081	19437	P X	15	1038
0082	19438	P X	10	1155
0083	19439	P X	30	1137
0084	19440	P X	15	1132
0085	19441	P X	45	1062

0086	19442	P X	25	931
0087	19443	P X	30	1089
0088	19444	P X	20	1149



CLIENT: ANACONDA

REPORT NUMBER: G42-326

GEOLOGIST:

AGGEOLOGIST:

PROJECT: 51983 SELWYN BASIN

NUMBER OF SAMPLES: 299

PRIORITY: F

DATE: SEPTEMBER 23, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

REC# /	SAMPLE NUMBER / T/ S	HG/A1 PPM	BA/ 6 PPM
--------	----------------------	--------------	--------------

0036	19200 P X	130	1419
0037	19201 P X	125	1596
0038	19202 P X	50	1137
0039	19203 P X	65	1104
0040	19204 P X	110	1291

0041	19205 P X	15	903
0042	19206 P X	45	1189
0043	19207 P X	15	850
0044	19208 P X	40	975
0045	19209 P X	25	942

0046	19210 P X	45	1010
0047	19211 P X	50	1035
0048	19212 P X	25	1025
0049	19213 P X	20	986
0050	19214 P X	20	1027

0051	19318 P X	15	1172
0052	19319 P X	15	1220
0053	19320 P X	15	1067
0054	19321 P X	25	1212
0055	19322 P X	30	1006

0056	19323 P X	30	1172
0057	19324 P X	30	1231
0058	19325 P X	25	1085
0059	19326 P X	10	1086
0060	19327 P X	10	928

0061	19328 P X	20	1228
0062	19329 P X	10	1256
0063	19330 P X	15	1742
0064	19331 P X	20	1150
0065	19332 P X	15	1181

0066	19333 P X	15	1181
0067	19334 P X	50	1967



CLIENT: ANACONDA

REPORT NUMBER: G42-326

GEOLOGIST:

AGEOLOGIST:

PROJECT: 51983 SELWYN BASIN

NUMBER OF SAMPLES: 299

PRIORITY: P

DATE: SEPTEMBER 23, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

REC# /	SAMPLE NUMBER / T/ S	HG/A1 PPM	BA/ 6 PPM
0001	19090 P X	55	1188
0002	19091 P X	30	1096
0003	19092 P X	25	1177
0004	19093 P X	30	1000
0005	19094 P X	25	1060
0006	19095 P X	30	1198
0007	19096 P X	25	1242
0008	19097 P X	15	995
0009	19098 P X	35	1285
0010	19099 P X	10	968
0011	19100 P X	35	1283
0012	19101 P X	25	1062
0013	19102 P X	15	1080
0014	19103 P X	10	963
0015	19104 P X	25	1081
0016	19105 P X	75	1396
0017	19106 P X	60	1348
0018	19107 P X	55	1244
0019	19108 P X	15	1224
0020	19109 P X	20	1080
0021	19110 P X	20	1118
0022	19111 P X	10	1042
0023	19112 P X	20	1049
0024	19113 P X	20	920
0025	19114 P X	35	825
0026	19115 P X	25	1009
0027	19116 P X	20	948
0028	19117 P X	30	1122
0029	19118 P X	30	1180
0030	19119 P X	20	854
0031	19120 P X	30	851
0032	19121 P X	35	985
0033	19122 P X	25	1115
0034	19123 P X	15	1061
0035	19124 P X	15	904



CLIENT: ANACONDA CANADA EXPLORATION

REPORT NUMBER: G42-268

GEOLOGIST: ,

AGEOLOGIST: ,

PROJECT: 51983 SELWYN BASIN

NUMBER OF SAMPLES: 269

PRIORITY: P

DATE: AUGUST 19, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

WGS	SAMPLE NUMBER	T/ S	CU/A1 PPM	PB/A1 PPM	ZN/A1 PPM	AG/A1 PPM
0110	19435 S 1		12	20	100	0.9
0111	19436 S 1		2	8	30	0.5
0112	19437 S 1		6	8	40	0.6
0113	19438 S 1		6	8	100	0.7
0114	19439 S 1		8	10	75	0.6
0115	19440 S 1		12	8	90	0.7
0116	19441 S 1		28	6	85	0.9
0117	19442 S 1		6	16	130	0.7
0118	19443 S 1		42	12	140	0.6
0119	19444 S 1		14	10	85	0.5



CLIENT: ANACONDA CANADA EXPLORATION

REPORT NUMBER: G42-254

GEOLOGIST: ,

AGEOLOGIST: ,

PROJECT: SELWYN BASIN

NUMBER OF SAMPLES: 590

PRIORITY: P

DATE: AUGUST 18, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

RECT /	SAMPLE NUMBER / T/ S	CU/A1 PPM	PB/A1 PPM	ZN/A1 PPM	AG/A1 PPM
0177	S 19327 S 1	12	10	280	0.5
0178	S 19328 S 1	4	8	275	0.3
0179	S 19329 S 1	5	8	65	0.2
0180	S 19330 S 1	14	10	175	0.9
0181	S 19331 S 1	4	8	440	0.6
0182	S 19332 S 1	15	10	180	0.9
0183	S 19333 S 1	8	8	40	0.4
0184	S 19334 S 1	3	8	30	0.4



CLIENT: ANACONDA CANADA EXPLORATION

REPORT NUMBER: G42-254

GEOLOGIST: , GEOLOGIST: ,

PROJECT: SELWYN BASIN

NUMBER OF SAMPLES: 590 PRIORITY: P

DATE: AUGUST 18, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

REC# /	SAMPLE NUMBER / T/ S	CU/A1 PPM	PB/A1 PPM	ZN/A1 PPM	AG/A1 PPM
--------	----------------------	--------------	--------------	--------------	--------------

0168	S 19318 S 1	4	4	45	0.2
0169	S 19319 S 1	5	8	40	0.1
0170	S 19320 S 1	4	12	60	L 0.1
0171	S 19321 S 1	4	6	75	0.3
0172	S 19322 S 1	5	10	100	0.3
0173	S 19323 S 1	4	8	35	0.2
0174	S 19324 S 1	5	8	40	0.2
0175	S 19325 S 1	3	8	50	0.3
0176	S 19326 S 1	16	8	150	0.4

---CONTINUED NEXT PAGE---



CLIENT: ANACONDA CANADA EXPLORATION

REPORT NUMBER: G42-254

GEOLOGIST: ,

AGEOLOGIST: ,

PROJECT: SELWYN BASIN

NUMBER OF SAMPLES: 590

PRIORITY: P

DATE: AUGUST 18, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

REC# /	SAMPLE NUMBER / T/ S	CU/A1 PPM	PB/A1 PPM	ZN/A1 PPM	AG/A1 PPM
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0050	S 19200 S 1	15	6	70	0.5
0051	S 19201 S 1	27	8	70	0.4
0052	S 19202 S 1	18	8	75	0.4
0053	S 19203 S 1	21	11	95	0.4
0054	S 19204 S 1	23	8	75	0.2
0055	S 19205 S 1	5	6	5	0.4
0056	S 19206 S 1	39	10	127	0.4
0057	S 19207 S 1	2	4	40	0.4
0058	S 19208 S 1	16	8	45	0.4
0059	S 19209 S 1	13	8	65	0.2
0060	S 19210 S 1	22	10	75	0.6
0061	S 19211 S 1	40	12	260	0.5
0062	S 19212 S 1	10	8	70	0.4
0063	S 19213 S 1	11	6	190	0.6
0064	S 19214 S 1	10	8	50	0.4



CLIENT: ANACONDA

REPORT NUMBER: G42-236

GEOLOGIST: /

GEOLOGIST: /

PROJECT: SELWYN BASIN 51983

NUMBER OF SAMPLES: 152

PRIORITY: P

DATE: AUGUST 04, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

REC# /	SAMPLE NUMBER / T/ S	CU/A1 PPM	PB/A1 PPM	ZN/A1 PPM	AG/A1 PPM
0106	S-19105 S 1	32	20	150	0.4
0107	S-19106 S 1	34	38	230	0.4
0108	S-19107 S 1	24	30	150	0.1
0109	S-19108 S 1	18	10	65	0.3
0110	S-19109 S 1	8	6	40	0.4
0111	S-19110 S 1	8	8	80	0.3
0112	S-19111 S 1	6	8	80	0.2
0113	S-19112 S 1	8	12	60	0.7
0114	S-19113 S 1	6	12	80	0.6
0115	S-19114 S 1	12	12	145	0.8
0116	S-19115 S 1	12	10	50	1.6
0117	S-19116 S 1	10	8	70	1.5
0118	S-19117 S 1	14	8	70	0.5
0119	S-19118 S 1	10	12	60	0.4
0120	S-19119 S 1	10	10	60	0.1
0121	S-19120 S 1	8	8	85	0.2
0122	S-19121 S 1	36	8	80	0.4
0123	S-19122 S 1	18	10	60	0.2
0124	S-19123 S 1	8	8	50	0.2
0125	S-19124 S 1	10	10	105	0.3



CLIENT: ANACONDA

REPORT NUMBER: G42-236

GEOLOGIST: ,

AGEOLOGIST: ,

PROJECT: SELWYN BASIN S1983

NUMBER OF SAMPLES: 152

PRIORITY: P

DATE: AUGUST 04, 1982

SEE APPENDIX FOR EXPLANATION OF DIGESTION, ANALYSIS, SAMPLE TYPE, AND SIEVE SIZE CODES.

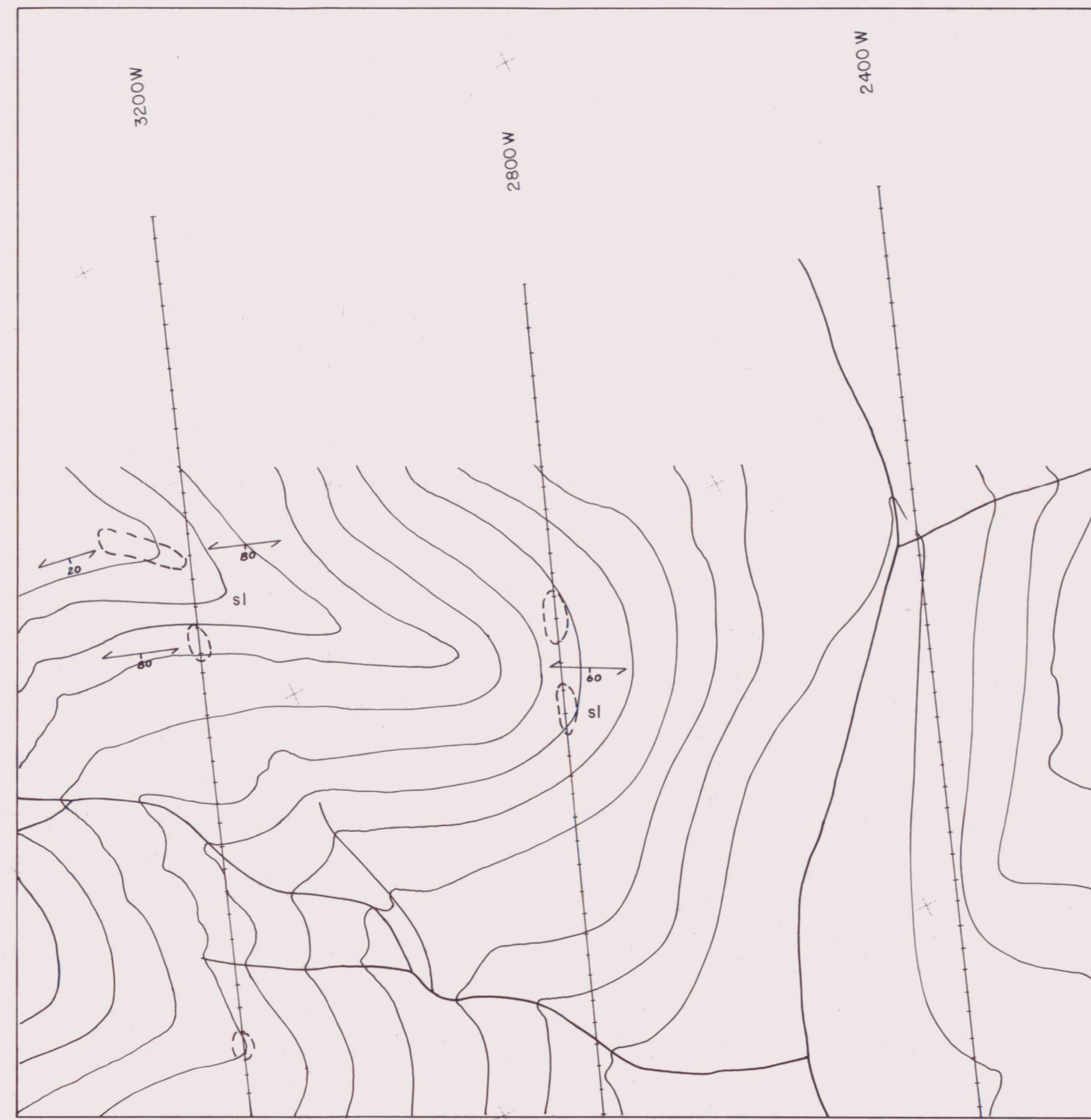
REC# /	SAMPLE NUMBER / T / S	CU/A1 PPM	PB/A1 PPM	ZN/A1 PPM	AG/A1 PPM
--------	-----------------------	--------------	--------------	--------------	--------------

ADDITIONAL SAMPLES

0091	S-19090 S 1	36	14	140	0.6
0092	S-19091 S 1	12	10	45	0.5
0093	S-19092 S 1	10	10	55	0.7
0094	S-19093 S 1	8	10	30	0.3
0095	S-19094 S 1	4	8	30	0.3

0096	S-19095 S 1	10	10	45	0.3
0097	S-19096 S 1	12	8	45	0.2
0098	S-19097 S 1	20	18	120	0.3
0099	S-19098 S 1	4	12	125	0.4
0100	S-19099 S 1	16	52	180	0.7

0101	S-19100 S 1	14	8	50	0.5
0102	S-19101 S 1	8	8	55	0.3
0103	S-19102 S 1	10	8	65	0.2
0104	S-19103 S 1	4	4	20	0.2
0105	S-19104 S 1	12	8	45	0.3



LEGEND

CRETACEOUS - TERTIARY

K_{sf} SOUTH FORK FM: Porphyritic intermediate to felsic volcanic plugs, dykes and shallow intrusions, b- intrusive breccia, qp- quartz porphyry.

CRETACEOUS

K_{qm} Biotite quartz monzonite, porphyritic granite, dykes.

PERMIAN - TRIASSIC

P_r UNDIFFERENTIATED: s- calcareous cross laminated sandstone; sst- siltstone, sh- shale, locally bioturbated.

MISSISSIPPIAN - PENNSYLVANIAN

EARN GROUP ?

M INTERBEDDED CHERT- SILTSTONE, ch- chert, sst- siltstone, ba- barite, locally burrowed and/or bioturbated.

MISSISSIPPIAN EARN GROUP

M_{ek} KALZAS FM: c- fossiliferous limestone, ss- sandstone, sh- calcareous and graphitic shale.

M_{ecp} CRYSTAL PEAK FM: cgl- chert pebble conglomerate, ss- sandstone, sst- siltstone, sh- shale, md- mudstone.

DEVONIAN - MISSISSIPPIAN EARN GROUP

DM_e UNDIFFERENTIATED GLASTICS: cgl- pebble conglomerate, g- chert granule grit, ss- sandstone, sh- shale, md- mudstone, p- phyllite, sl- slate, ba- barite.

ORDOVICIAN - DEVONIAN ROAD RIVER GROUP

OSD_{RR} SHALE, SILTSTONE: locally graphitic and graptolitic bearing.

CAMBRIAN - ORDOVICIAN KECHIKA GROUP - ANVIL RANGE GROUP

EO_k UNDIFFERENTIATED: w- wavy banded mudstone - carbonate, lca- laminated quartz rich calc- silicate, ca- maroon and green calc-silicate, p- phyllite, v- mafic volcanics, c- carbonate.

PROTEROZOIC - CAMBRIAN

PE_g GRIT UNIT: g- quartzite and grit, c- interbedded sandstone- siltstone and carbonate.

SYMBOLS

Bedding - inclined, vertical, overturned, tops.

Foliation - inclined, vertical.

Minor fold showing plunge.

Anticline - upright, overturned.

Syncline - upright, overturned.

Geological contact - known, approximate, assumed.

Unconformity - known, approximate, assumed.

Thrust fault - known, approximate, assumed.

Normal or high angle reverse fault showing hanging wall.

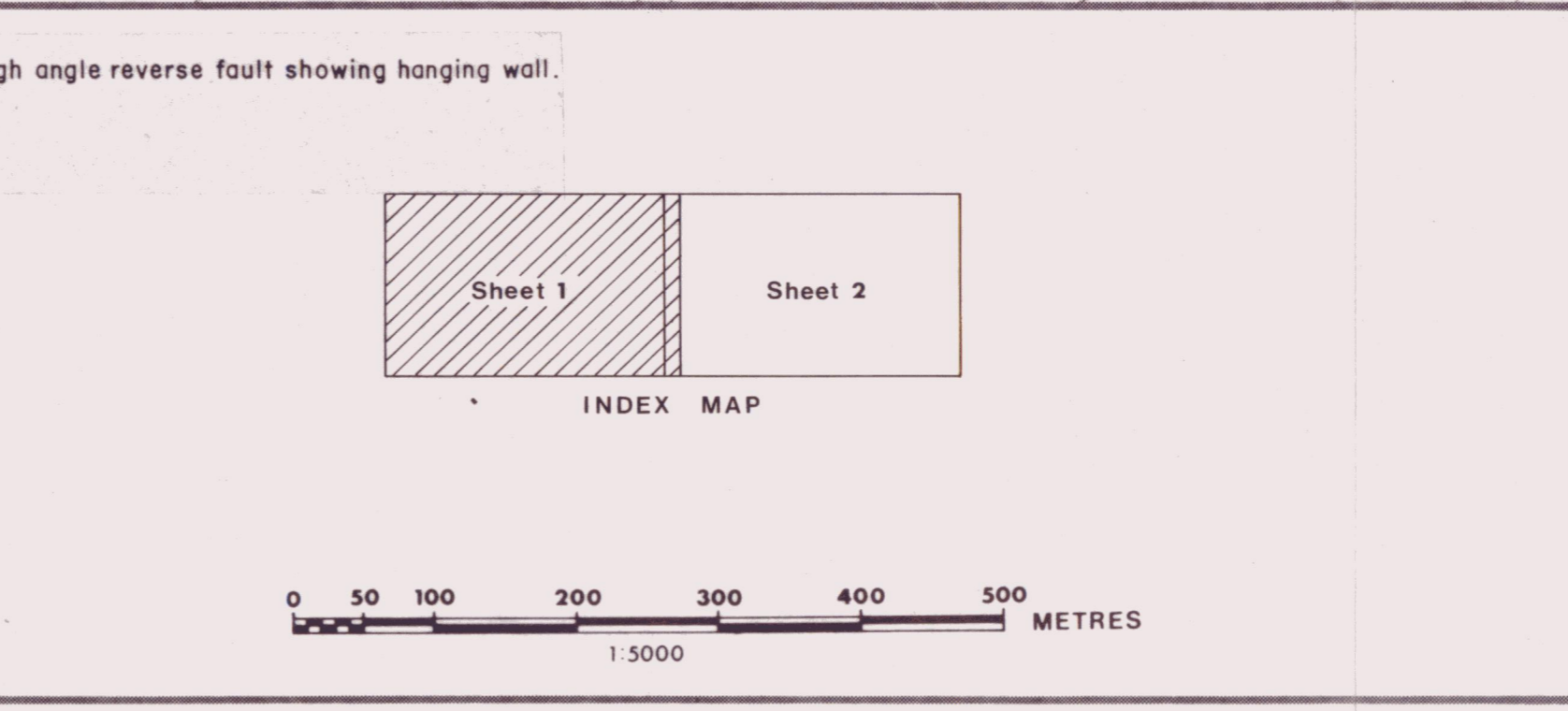
Outcrop

Trench

DDH - D B1

Showing

Fly camp



ANACONDA canada exploration ltd.

1982 SELWYN PROJECT

GEOLOGY MAP

BUM GRID

091461

compilation: D.V.G.C.M.A. scale: 1:5,000 date: APRIL 83

drawn: G.C.E.B.W. nts: 105-L-14 drawing no. 5



LEGEND

CRETACEOUS - TERTIARY

CRETACEOUS

PERMIAN - TRIASSIC

MISSISSIPPIAN - PENNSYLVANIAN

MISSISSIPPIAN

DEVONIAN - MISSISSIPPIAN

ORDOVICIAN - DEVONIAN

CAMBRIAN - ORDOVICIAN

PROTEROZOIC - CAMBRIAN

SYMBOLS

Bedding - inclined, vertical, overturned, tops.

Foliation - inclined, vertical.

Minor fold showing plunge.

Anticline - upright, overturned.

Syncline - upright, overturned.

Geological contact - known, approximate, assumed.

Unconformity - known, approximate, assumed.

Thrust fault - known, approximate, assumed.

Normal or high angle reverse fault showing hanging wall.

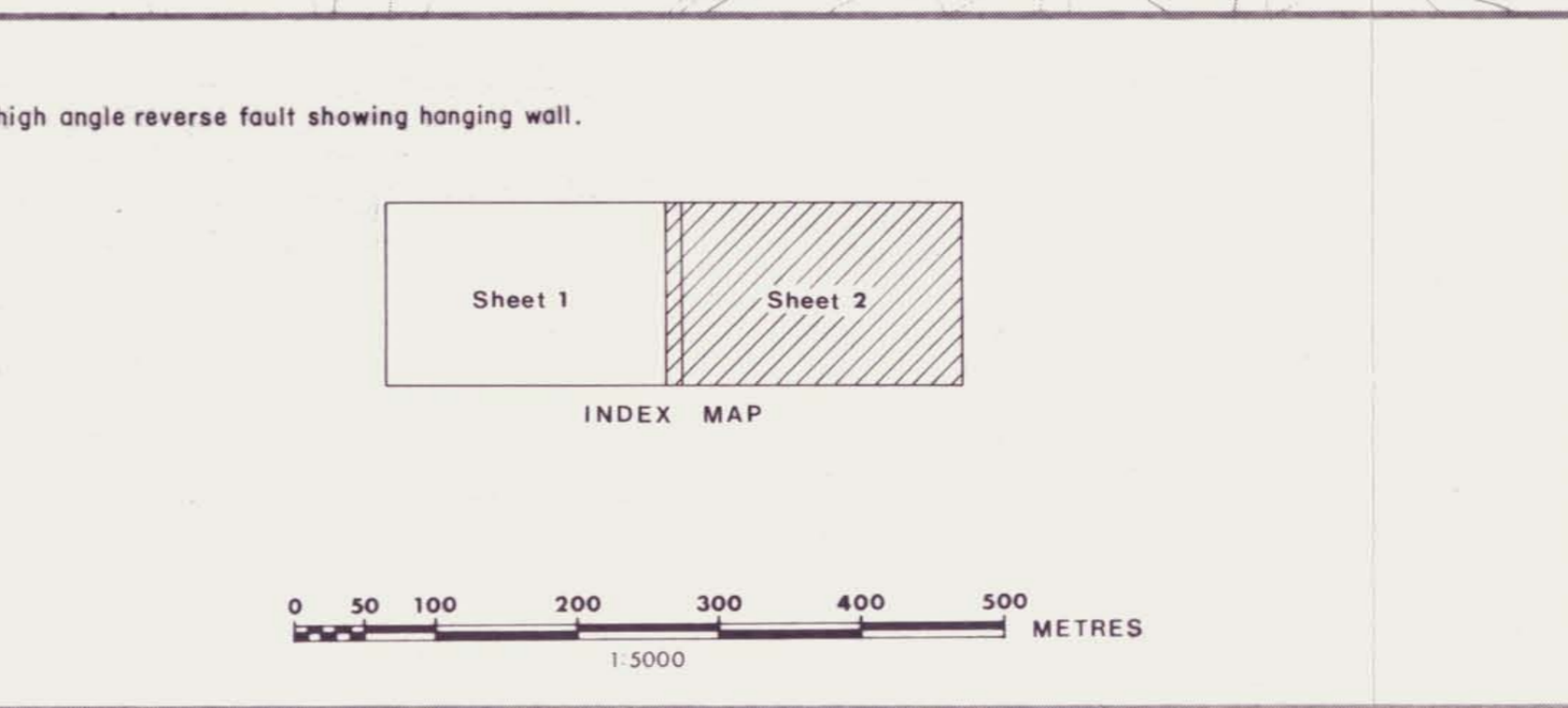
Outcrop

Trench

DDH - D 81

Showing

Fly camp



ANACONDA canada exploration ltd

1982 SELWYN PROJECT

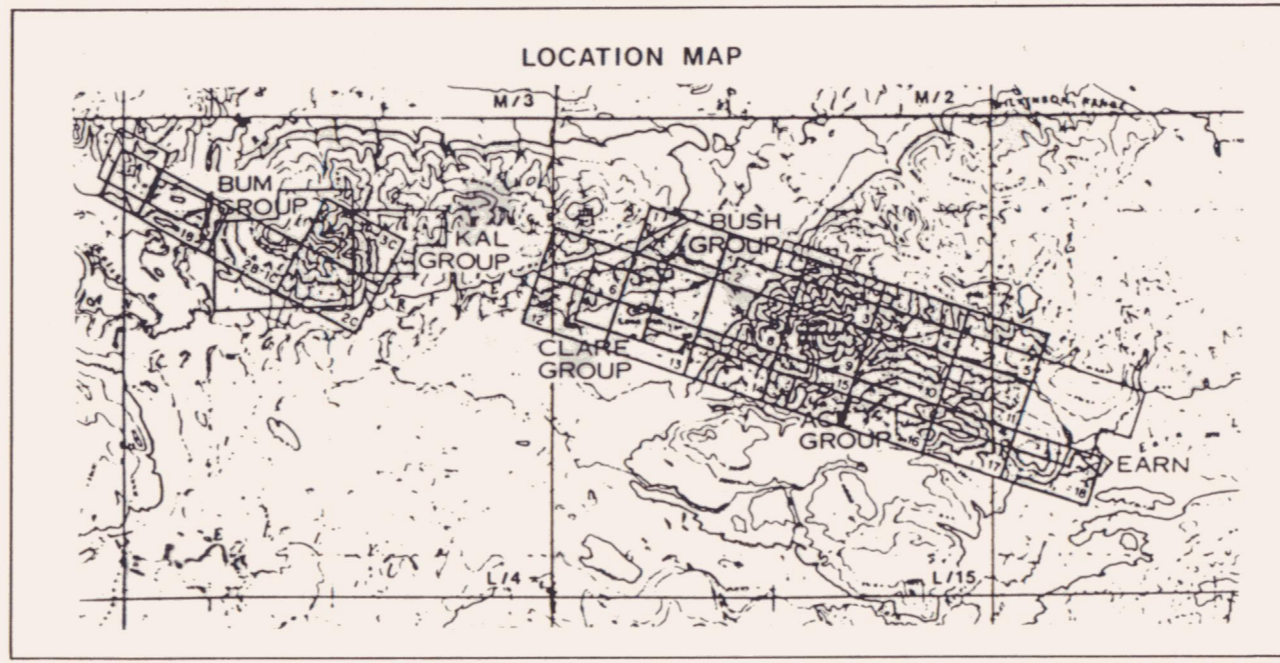
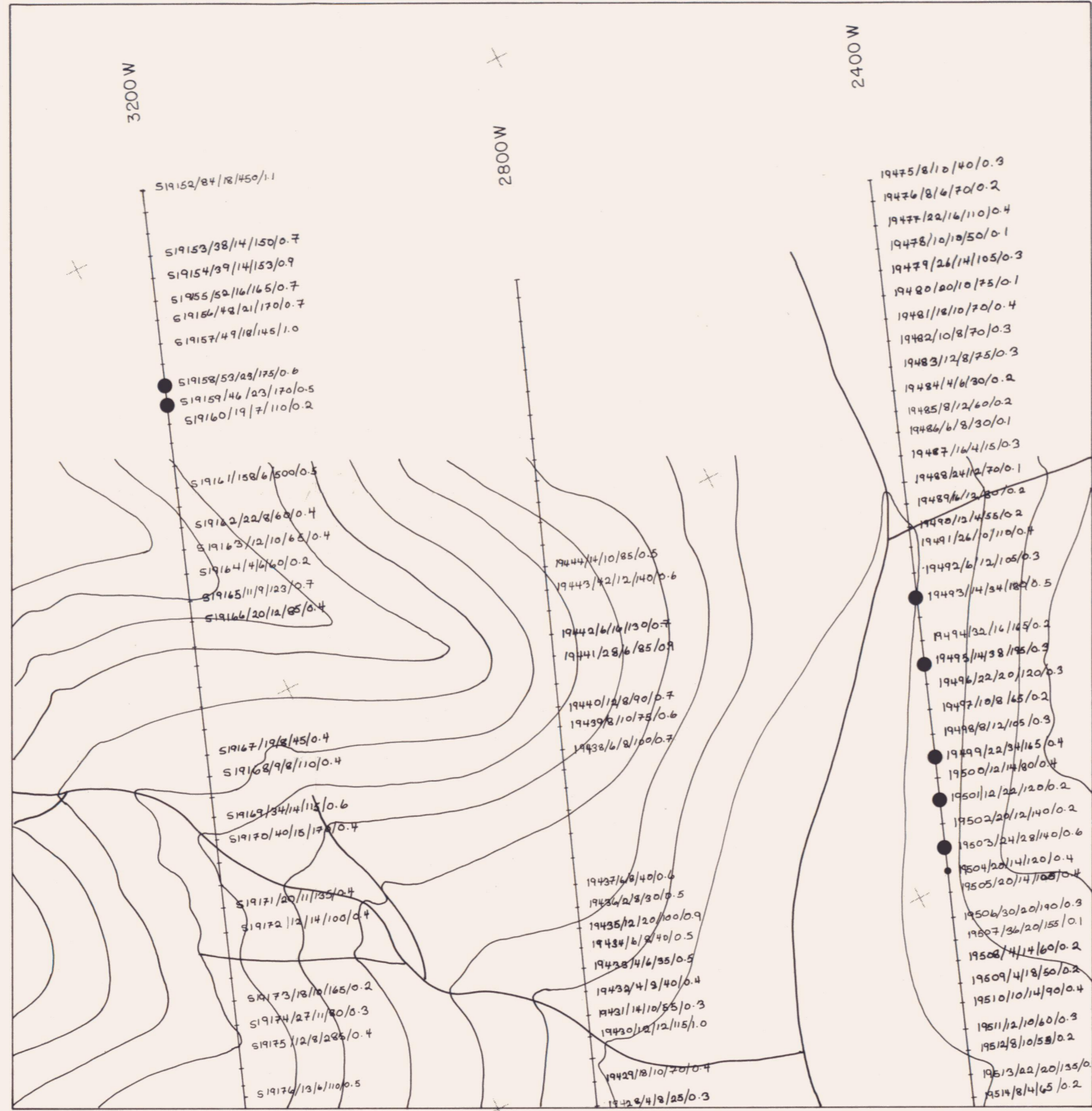
GEOLOGY MAP

BUM GRID

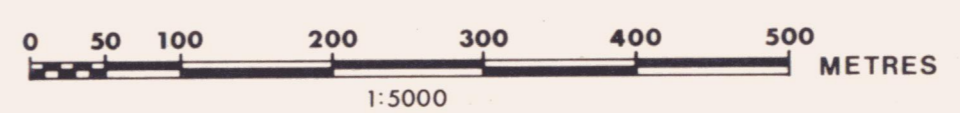
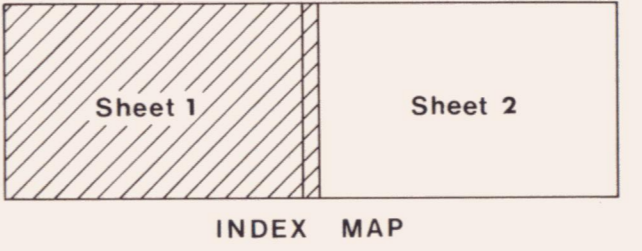
091461

Compilation: D.V.G.C.M.A. scale: 1:5000 date: APRIL 83

drawn: G.C.E.B.W. nts: 105-L-14 drawing no. 6



- LEGEND:**
- Sample No. / Cu / Pb / Zn / Ag
 - Pb values ≥ 40
 - $40 > \text{Pb values} \geq 22$
 - Poor sample - high humus / ash



ANACONDA canada exploration ltd.

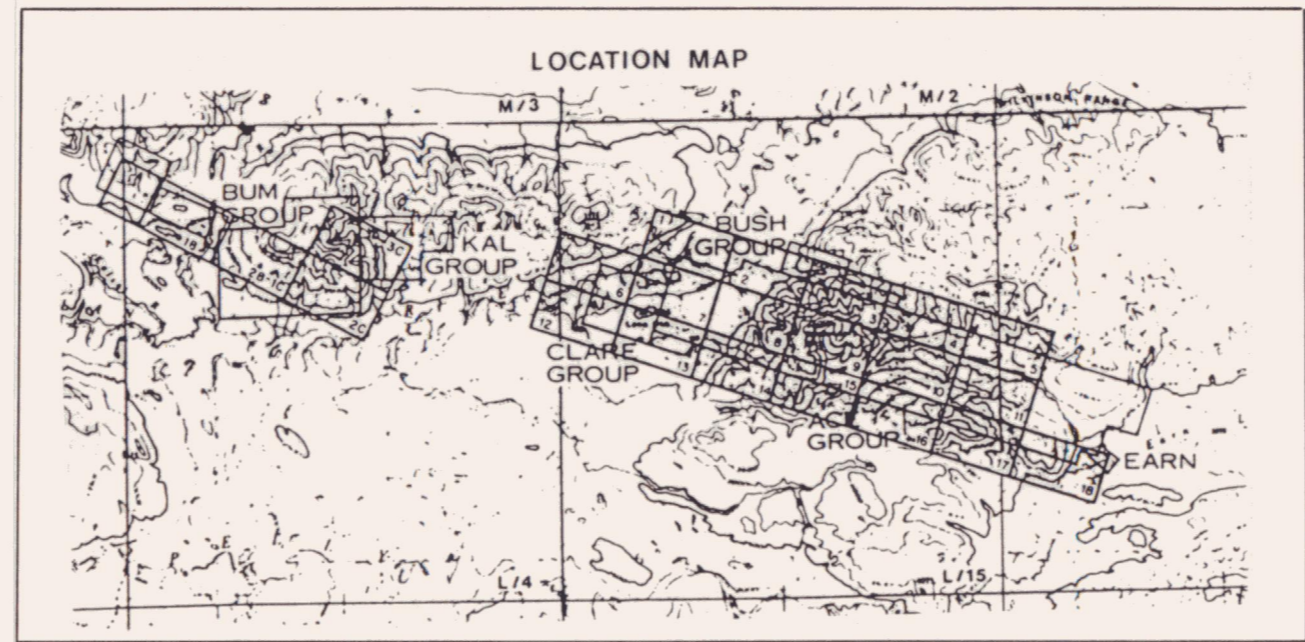
1982 SELWYN PROJECT

BUM GRID

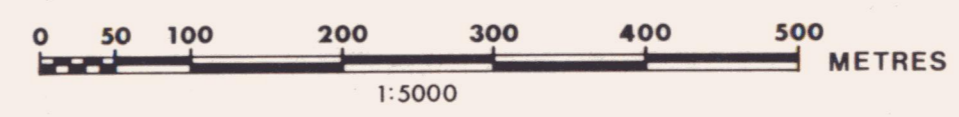
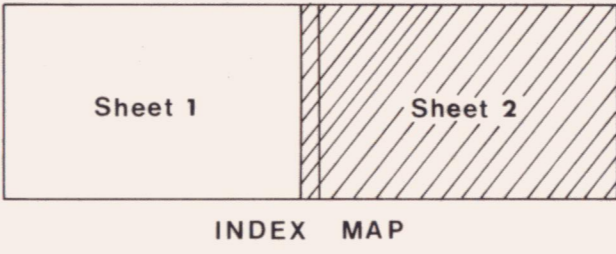
SOIL GEOCHEMISTRY

091461

compilation:	scale: 1:5,000	date: MAR 83
drawn: E.B.W.	nts: 105L/14	drawing no. 7



- LEGEND:**
- ↑ Sample No. / Cu / Pb / Zn / Ag
 - Pb values ≥ 40
 - $40 > \text{Pb values} \geq 22$
 - Poor sample - high humus / ash



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1982 SELWYN PROJECT

BUM GRID

031461 SOIL GEOCHEMISTRY

compilation:	scale: 1:5 000	date: MAR 83
drawn: E. B. W.	nts: 105 L / 14	drawing no. 7



GEOPHYSICAL INVESTIGATION OF THE BUM CLAIMS
(Electromagnetic, Gravity, and Magnetometer Surveys)

BUM GRID

SELWYN PROJECT, KALZAS MTN. AREA, MAYO MINING DIVISION, Y.T.

Lat. $62^{\circ} 52'N$ Long. $135^{\circ} 15'W$ NTS 105 L14

Field Work Performed : within the period July 12 to Sept. 2, 1982

May 20, 1983

Alan Scott

091461

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GROUND CONTROL	2
GEOPHYSICAL SURVEYS	2
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Magnetometer Survey	2
Gravity Survey	3
DISCUSSION OF RESULTS	3
CONCLUSIONS	5

Appendix I Statement of Expenditures

Appendix II Certification

Maps

1	General Location Map
2	Magnetic Field Contour Plan
3	Geophysical Compilation Plan
4 - 24	Geophysical Results - Profiles

INTRODUCTION

Within the period July 12 to September 2, 1982, a geophysical survey program was completed over portions of Anaconda's BUM claim group, Mayo Mining Division, NTS 105 L/14. Work performed consisted of 31 line kilometers of linecutting and chaining, 24 line kilometers of total field magnetometer survey and horizontal loop electromagnetometer survey, and 11 line kilometers of gravity/levels survey.

The purpose of the surveys was to define the ground location and to further investigate the nature of electromagnetic conductors and magnetic features detected on an airborne survey completed in the Spring of 1981 (flown by Geoterrex and previously submitted by Carlson, 1981).

This report describes the methodology of the ground geophysical surveys, presents the data, and discusses the results. Claims, ownership, and a discussion of the geology are given by Hall (1983).

LOCATION AND ACCESS

Anaconda's Selwyn Project is located about midway between the towns of Mayo and Faro, Yukon Territory (map 1). The BUM grid lies immediately west of Kalzas River, and north of Kalzas Lake. The geophysical work was conducted out of fly camps in the grid area, and was supported by helicopter from a base camp on Earn Lake. Access to the base camp was by float plane from Whitehorse.

GROUND CONTROL

The location of the BUM grid was selected by reference to the helicopter EM flight path recovery and topographic maps. All cut lines were turned off from the baseline with a nailboard, or in the case of control lines, with a transit. Line direction was maintained by backsighting along pickets, and the quality of the lines is generally very good. Chaining of stations was by taut chain along the slope, with pickets emplaced at 25 meter intervals. The angle of slope was measured by inclinometer and the horizontal distances were computed for transfer to the topographic base maps. Tie-ins to topographic features were made wherever possible.

GEOPHYSICAL SURVEYS

Electromagnetic Survey-HLEM

An Apex Parametrics MaxMin II electromagnetometer was used for the horizontal loop (HLEM) survey. A backup unit was available in the event of malfunction. All survey lines were previously chained and inclinometer surveyed by the geophysics crew to maintain accurate control of the coil spacing (100 meters on the BUM survey), and coil coplanarity. Corrections were applied to the data for any deviations from the standard spacing. The results are presented as stacked profiles on maps 4 to 24. Lines 4W, 0, and 16E were surveyed in March, 1982 (submitted by Scott, May, 1982).

Magnetometer Survey

An EDA ppm 300 magnetometer, in conjunction with an EDA ppm 400 base station recording magnetometer, was used on the magnetics survey. Readings were taken at 25 meter intervals, with some fill in to 12.5

meter intervals over areas of steep magnetic field gradient. The results are presented in contour plan form on map 2, and in profile form with the HLEM plots. The data for lines 4W, 0, and 16E were read with a Geometrics Unimag in March, 1982.

Gravity Survey

The gravity survey was restricted to lines 12E, 8E, 4E, 0, 4W, 8W, 12W, 16W, 20W, and 24W. A Lacoste and Romberg gravimeter was used on the survey, and a Topcon Guppy EDM for establishing relative station elevations.

The raw data was corrected for tidal and meter drifts, and bouguer gravity values computed for bouguer densities of 2.0, 2.2, 2.4, 2.6, and 2.8 g/cc. The data is presented as stacked profiles with the HLEM plots. Terrain corrections have been applied only to a radius of 50 meters from the station. This "inner terrain correction" has been applied to all the plotted values. The correction was made by making an estimate of the slope out to a radius of 50m from the gravity station in 90 degree sectors with an inclinometer, and applying a conic prism correction. Owing to the difficulty of making an accurate sight in this heavily forested area, there is some doubt to the validity of these inner corrections. Furthermore, in some portions of the grid, such as the steep slope to the south of Bum Lake and on line 24W, the correction should be made to a greater radius from the station. All inner corrections were made assuming an average terrain density of 2.0 g/cc.

DISCUSSION OF RESULTS

The BUM grid was surveyed at an interline spacing of 400 meters, with fill in to a 200 meter interline spacing between lines 16E to 4W and lines 16W to 32W (south of the baseline). All lines were surveyed with a total field magnetometer and with horizontal loop EM (HLEM). The gravity survey was restricted to lines 400 meters apart between lines 16E to 24W.

The HLEM results are plotted as stacked profiles on drawings 4 to 24. The data for lines 4W, 0, and 16E, which were surveyed in March, 1982, was previously submitted by Scott (May, 1982). All readings were taken with a coil separation of 100 meters and at frequencies of 444, 888, and 1777 Hertz. Conductor locations were picked from the 444 Hz. in phase data and are noted on the profiles as "strong HLEM conductors". Conductors that responded only to the higher frequencies are noted as "weak HLEM conductors".

The total field magnetometer results are plotted in contour plan form on map 2, and in profile form with the HLEM plots. Bouguer gravity values are also plotted as stacked profiles with the HLEM.

The major geophysical features are presented on the compilation plan, map 3. Magnetic field highs are indicated by the shaded contours; HLEM conductors by heavy dashed lines with diagonal stippling for broad conductors; and residual gravity highs at a bouguer density of 2.6 g/cc as a line profile.

The magnetic field contour trends and HLEM conductors are believed to be an accurate representation of the strike of the underlying sedimentary units. For the main part, the HLEM conductors are believed to represent graphitic horizons - particularly any horizons along which movement may have occurred and hence "smeared" the graphitic material into highly conductive "sheets".

The principal objective of the gravity survey was to directly define massive sulphide targets. No sufficiently well defined gravity anomalies were identified on the BUM grid to warrant such testing without supporting evidence (geochemistry, geology). However, weak anomalies (.2mgal) are noted at 12W;550S, 4E;175S, 8E;450S, and 12E at 400 and 650S. Also note the very strong magnetic anomaly some 100 meters south of the baseline between lines 8E to 2W.

CONCLUSIONS

The 1982 geophysical work has confirmed and defined the ground location of EM and magnetic anomalies detected by the 1981 airborne survey. The HLEM and magnetics, in particular, has served as an effective method of mapping the underlying sedimentary units in this heavily overburden covered area.

No geophysical targets were defined that could be recommended for further testing without supporting evidence (geochemical or geological).

Respectfully submitted,



Alan Scott,
Geophysicist.

Distribution:

Mining Recorder (2)

ACEL files (1)

J. Corbett, Chief Geophys. (1)

R. Hall, Project Geologist (1)

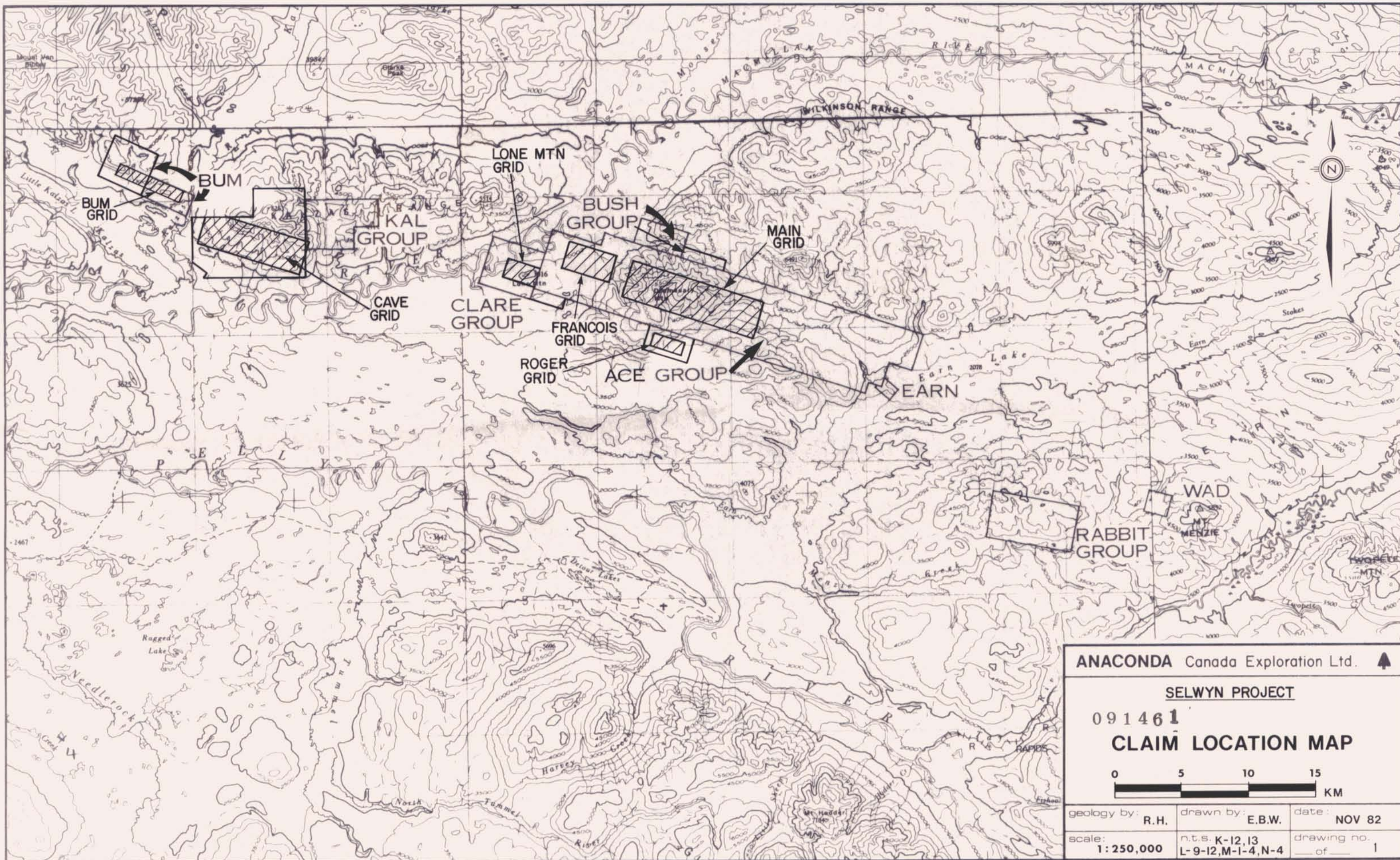
APPENDIX II
CERTIFICATION

I, Alan R. Scott, of 4013 West 14th Avenue, Vancouver, B.C., am employed as a professional geophysicist by Anaconda Canada Exploration Ltd. and have knowledge of the work performed and costs incurred per this report. I further attest that:

1. I graduated with a B. Sc. (geophysics) from the University of British Columbia in 1970.
2. That I am a member of the Society of Exploration Geophysicists, and of the Association of Professional Engineers, Geologists, and Geophysicists of the Province of Saskatchewan.
3. That I have been practicing my profession for the past 13 years.



Alan R. Scott,
Geophysicist.



ANACONDA Canada Exploration Ltd. ▲

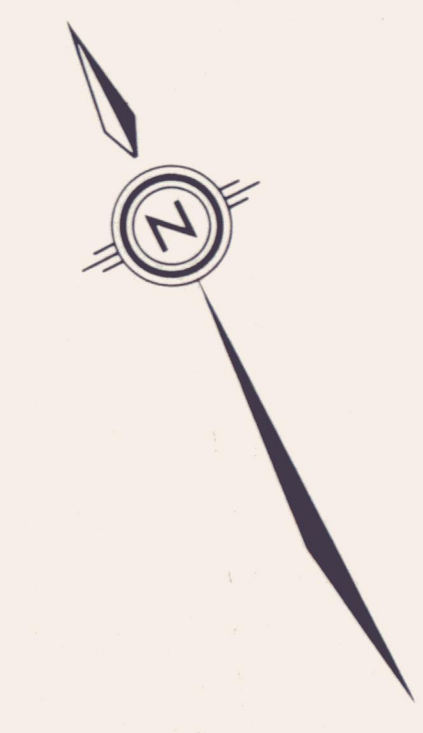
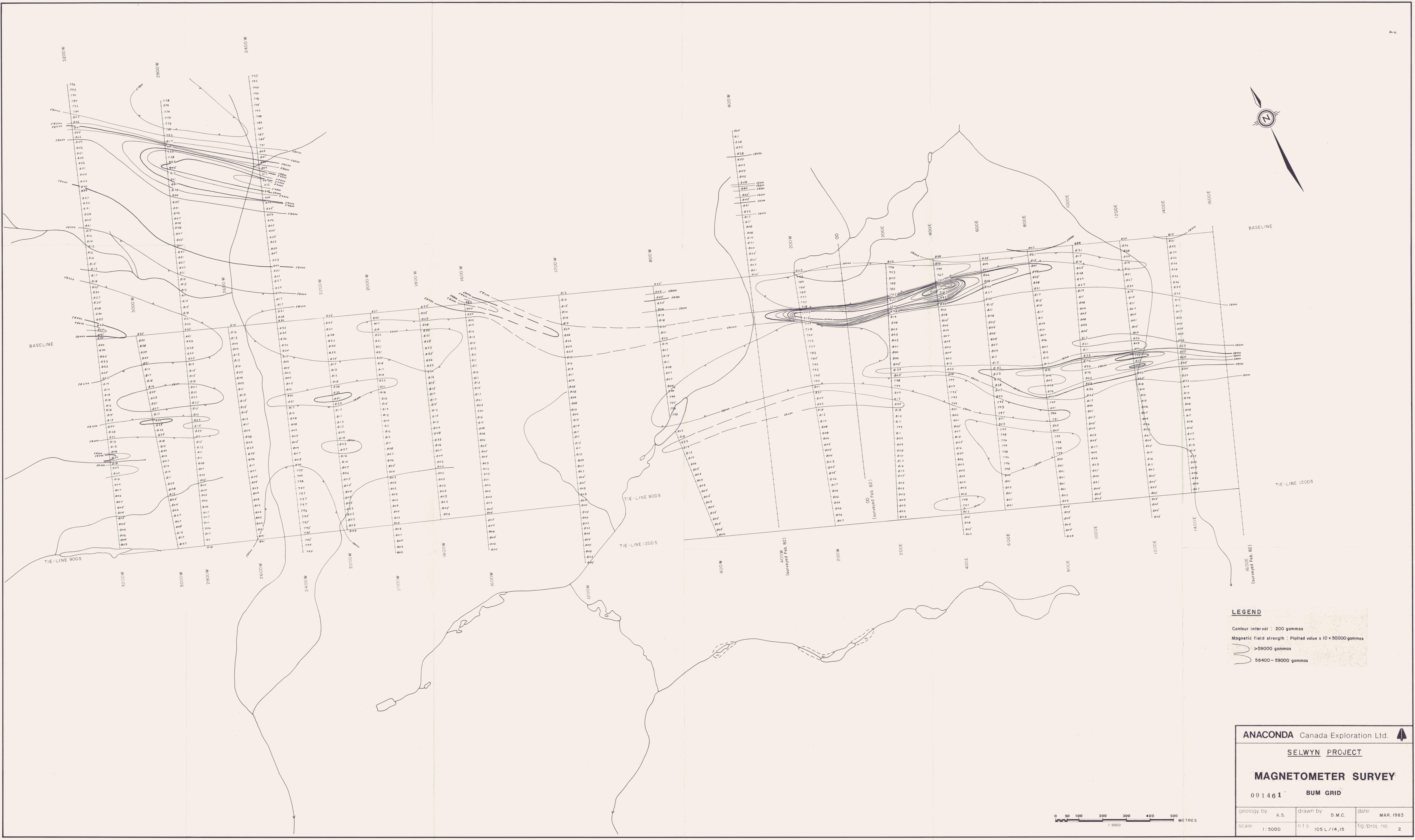
SELWYN PROJECT

091461

CLAIM LOCATION MAP

0 5 10 15
KM

geology by: R.H.	drawn by: E.B.W.	date: NOV 82
scale: 1:250,000	n.t.s. K-12, I3 L-9-12, M-1-4, N-4	drawing no. ___ of ___ 1



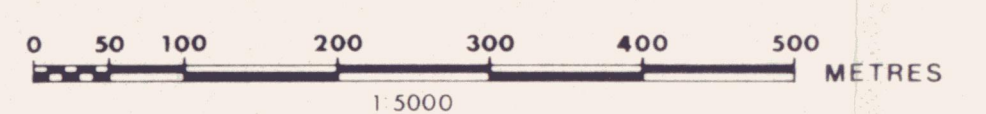
LEGEND

Contour interval : 200 gammas

Magnetic field strength : Plotted value x 10 + 50000 gammas

>59000 gammas

58400 - 59000 gammas



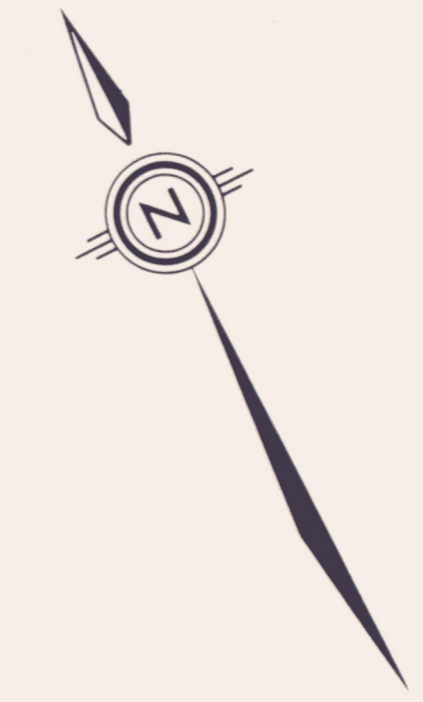
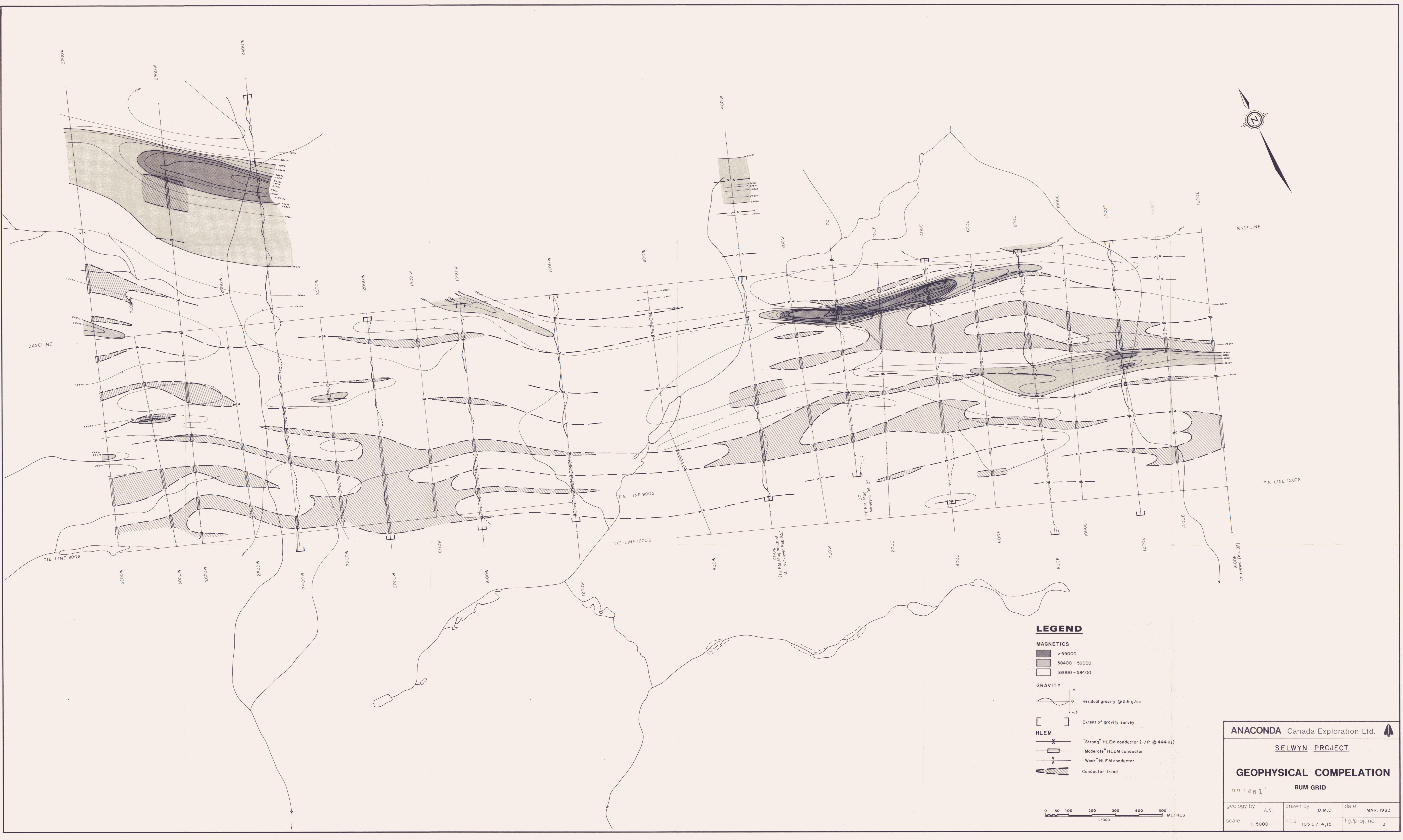
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

MAGNETOMETER SURVEY

091461 **BUM GRID**

geology by	A.S.	drawn by	D.M.C.	date	MAR. 1983
scale	1:5000	n.t.s.	105 L / 14, 15	fig/proj. no	2



LEGEND

MAGNETICS

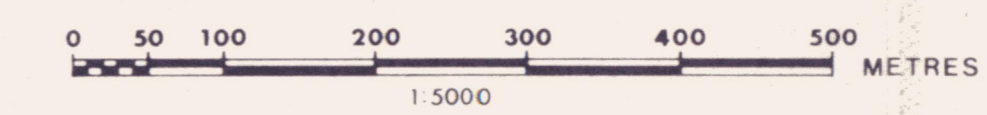
- > 59000
- 58400 - 59000
- 58000 - 58400

GRAVITY

- Residual gravity @ 2.6 g/cc
- Extent of gravity survey

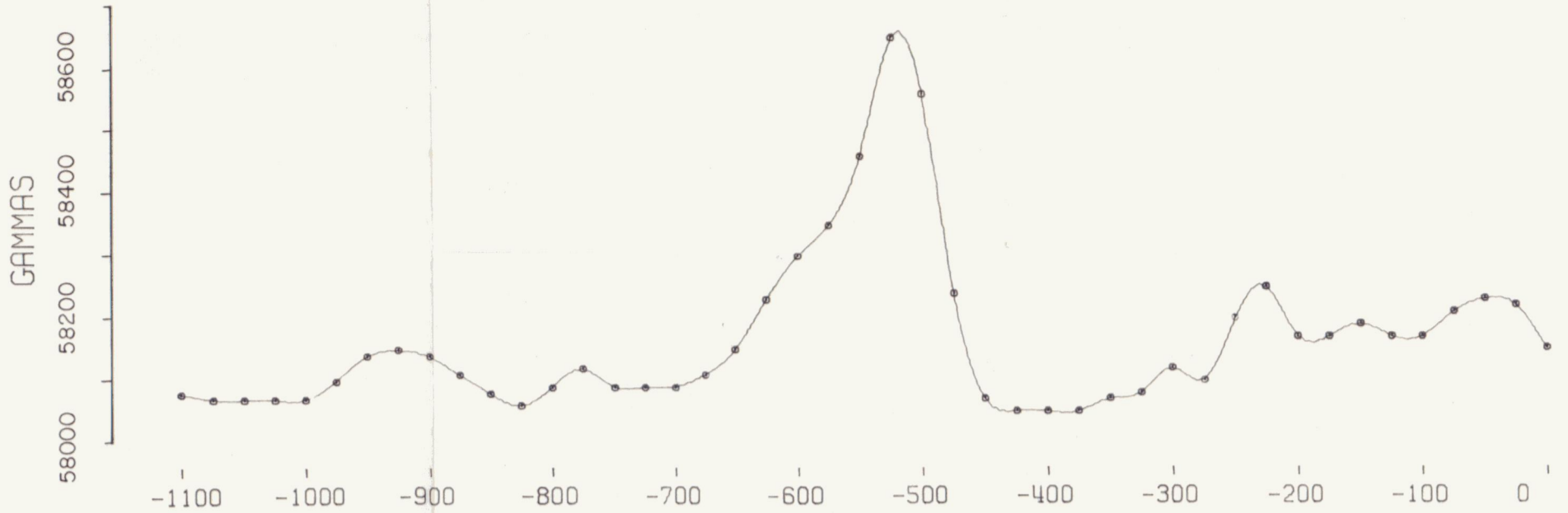
HLEM

- "Strong" HLEM conductor (1/P @ 444 Hz)
- "Moderate" HLEM conductor
- "Weak" HLEM conductor
- Conductor trend

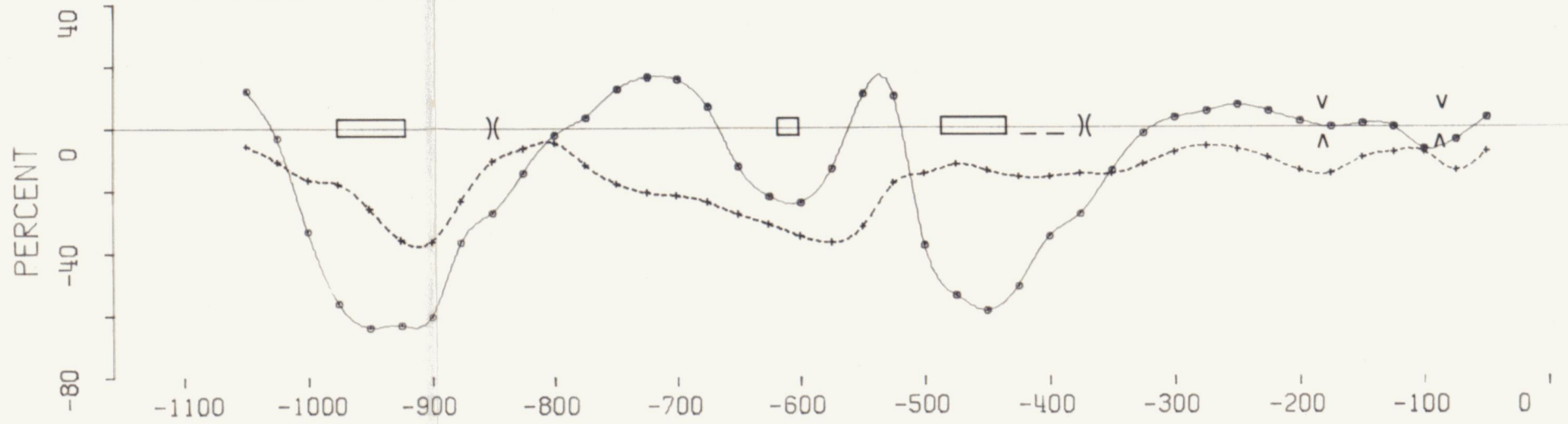


ANACONDA Canada Exploration Ltd.		
SELWYN PROJECT		
GEOPHYSICAL COMPELATION		
BUM GRID		
001461		
geology by:	A.S.	drawn by:
scale:	1:5000	D.M.C.
n.t.s.	105 L / 14, 15	date:
fig./proj. no.	3	MAR. 1983

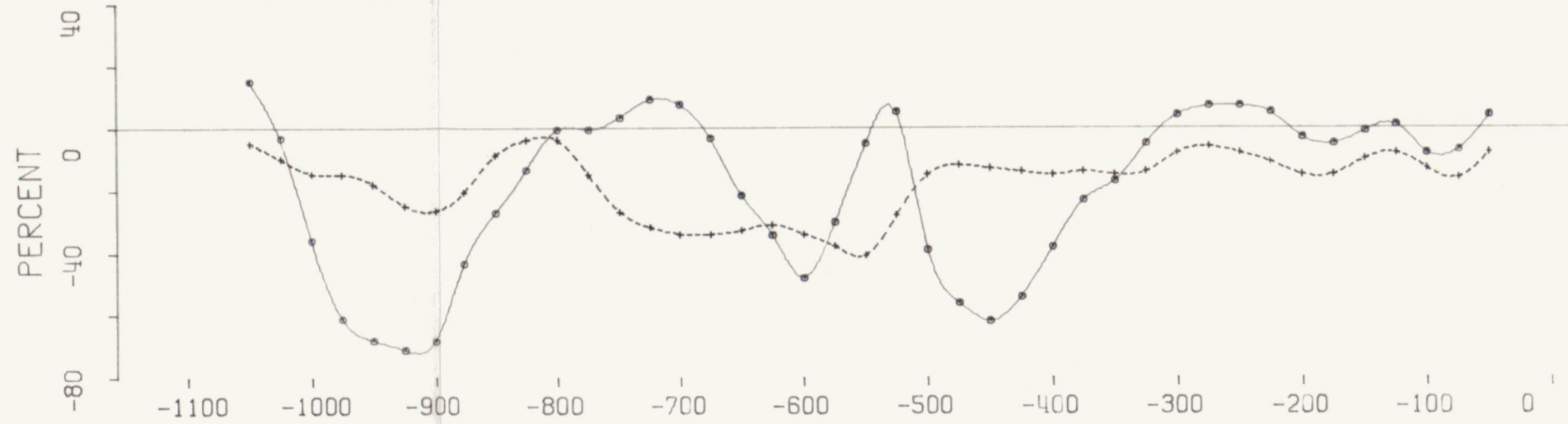
MAGNETICS



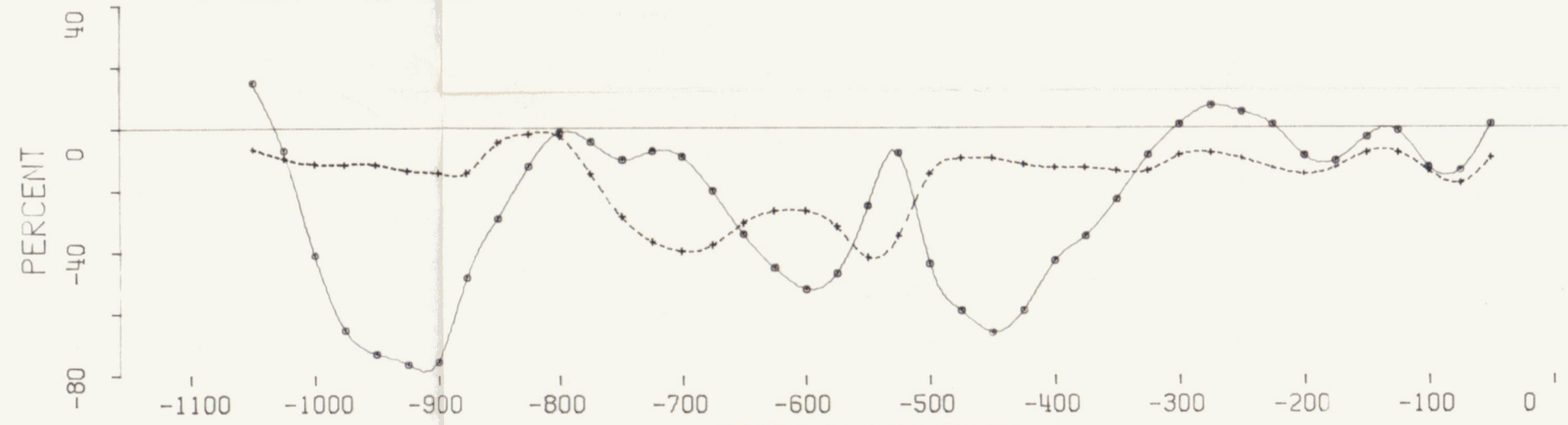
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 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
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 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



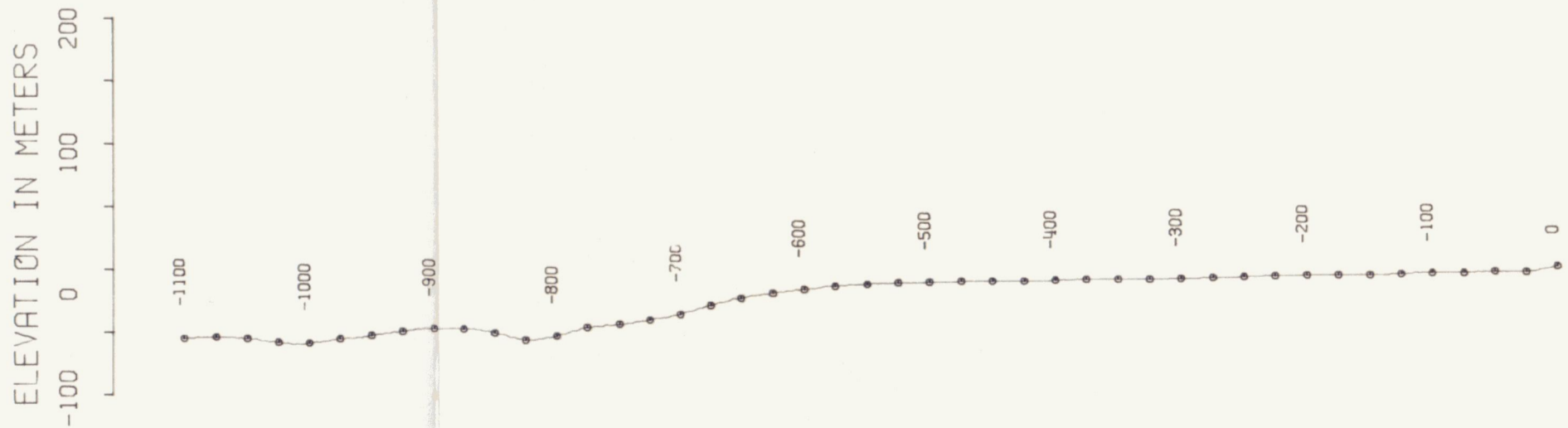
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 A - SPACING = 100 METERS



STATION LOCATION

SELWYN PROJECT -- BUM GRID LINE 1400 EAST

TOPOGRAPHY



LEGEND

- Broad HLEM Conductor (I/P a 444 Hz)
- Narrow HLEM Conductor (I/P a 444 Hz)
- Weak HLEM Conductor

001461

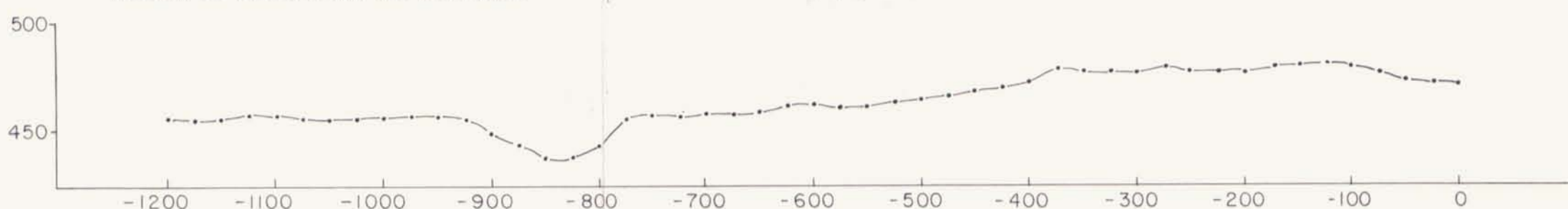
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

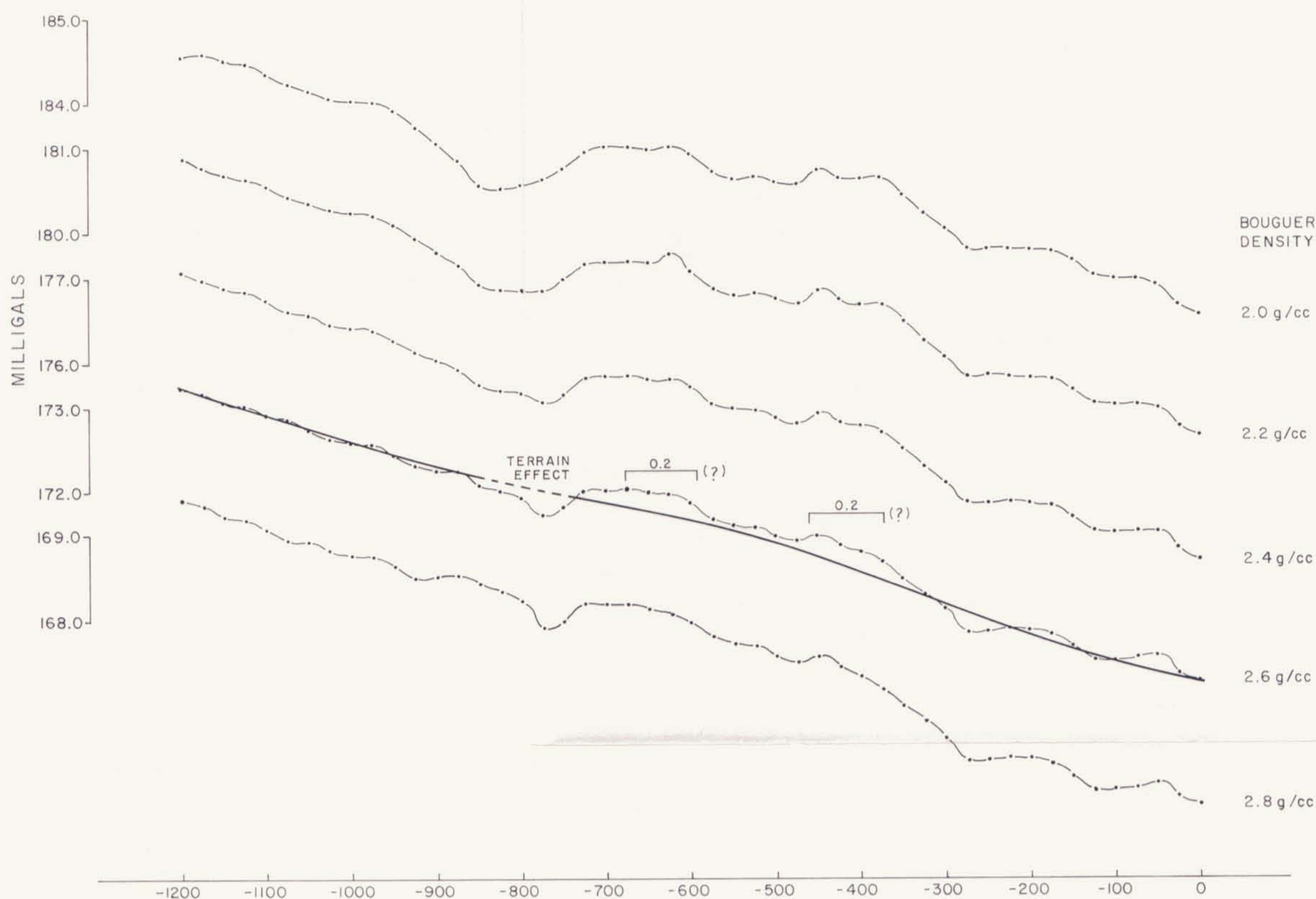
BUM GRID LINE 1400 E

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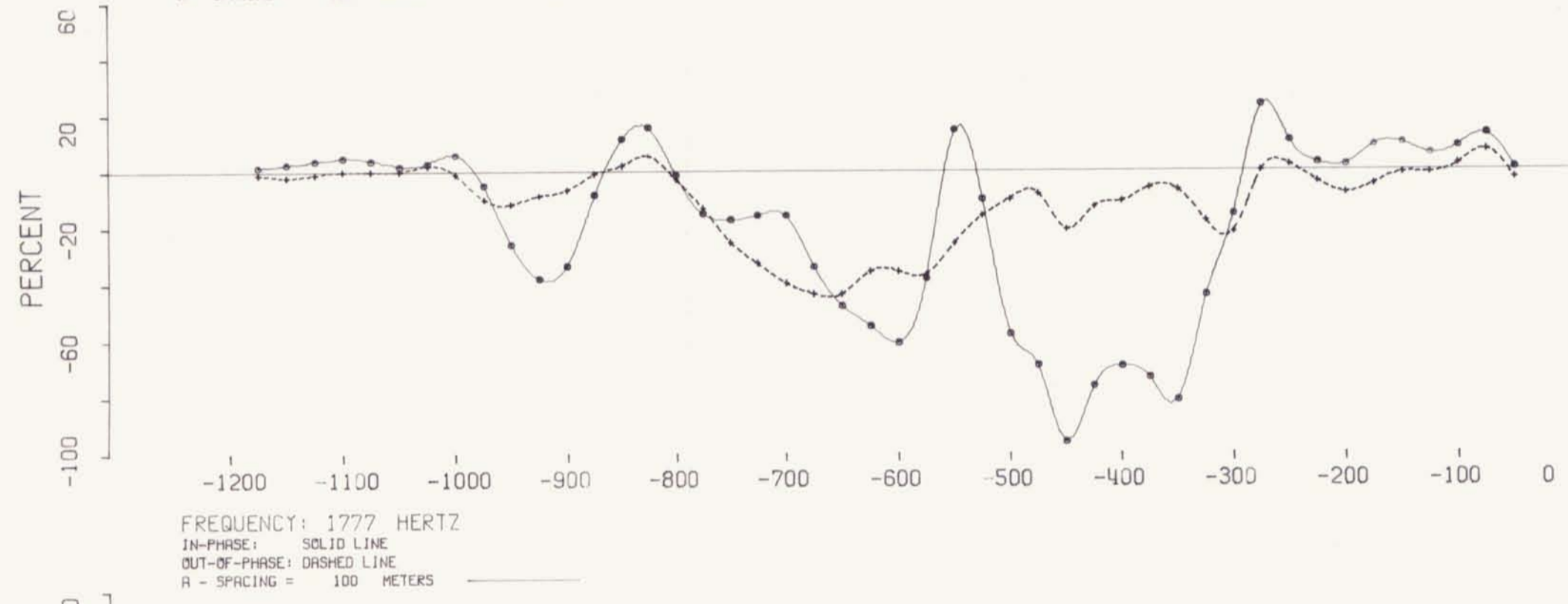
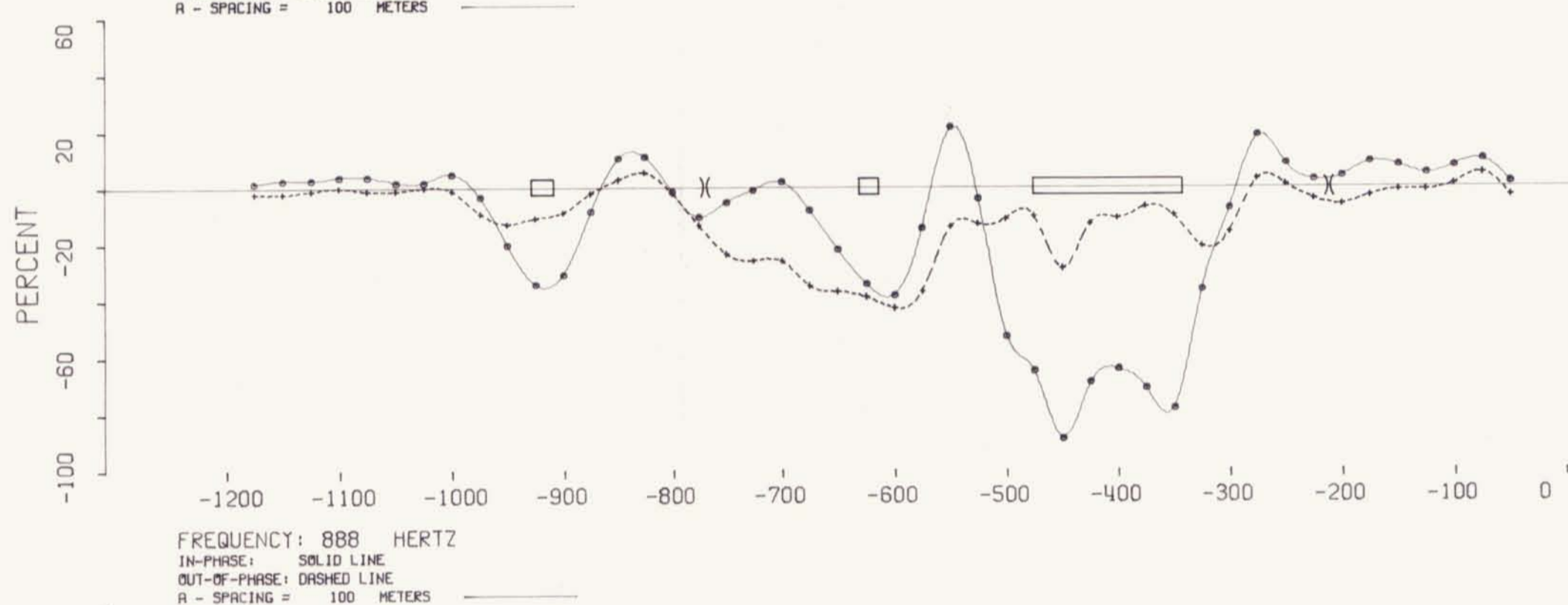
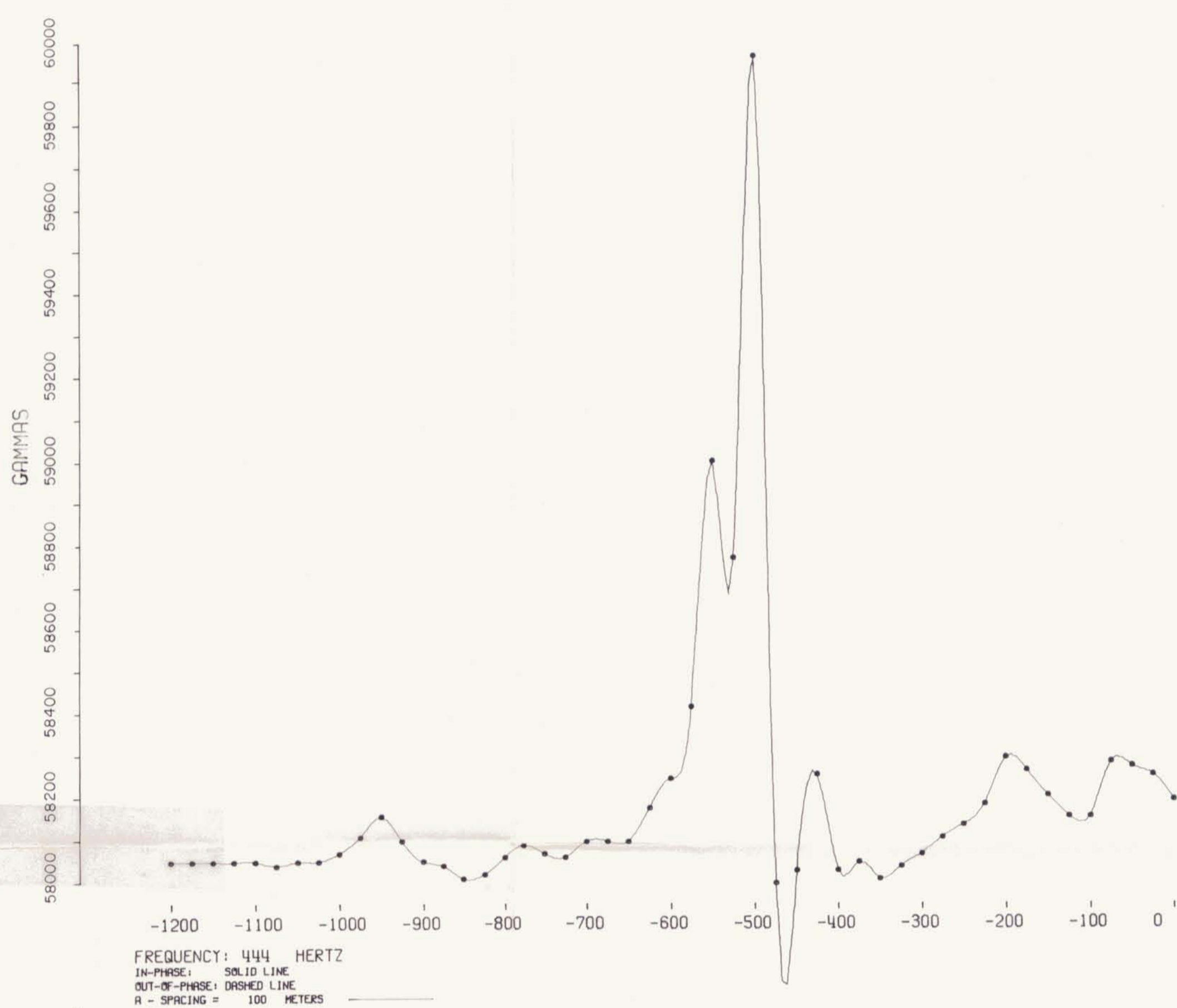
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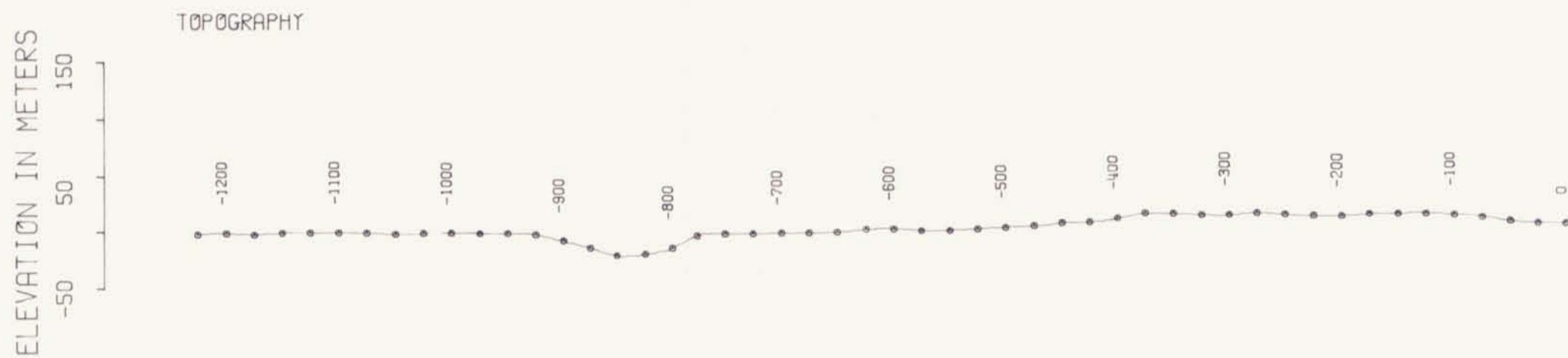
GRAVITY



MAGNETICS



SELWYN PROJECT -- BUM GRID LINE 1200 EAST



LEGEND

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- Narrow HLEM Conductor
- Weak HLEM Conductor
- Residual Gravity High and Amplitude (milligals)

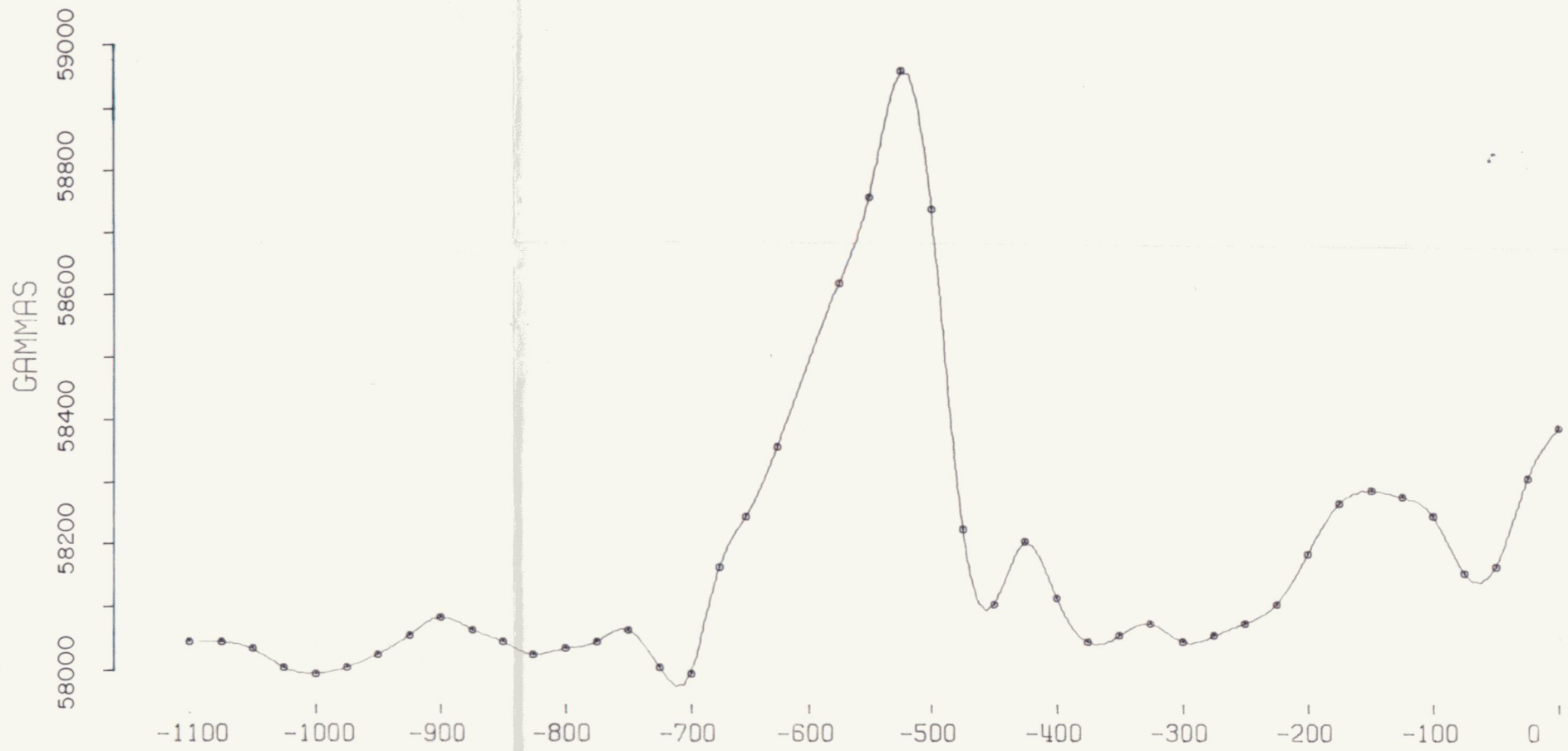
ANACONDA Canada Exploration Ltd. ▲
SELWYN PROJECT

BUM GRID LINE 1200 E

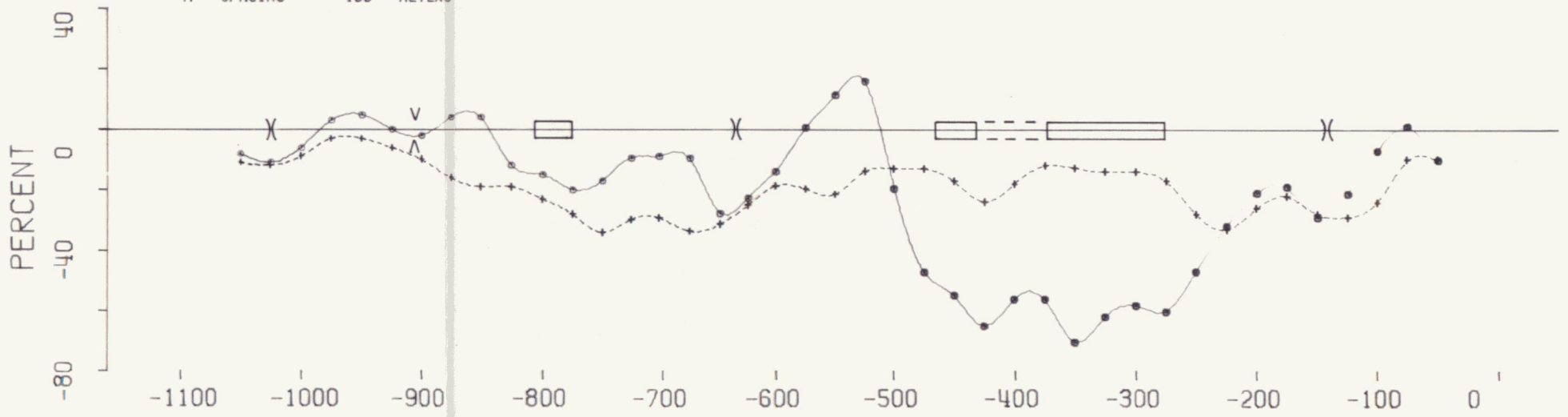
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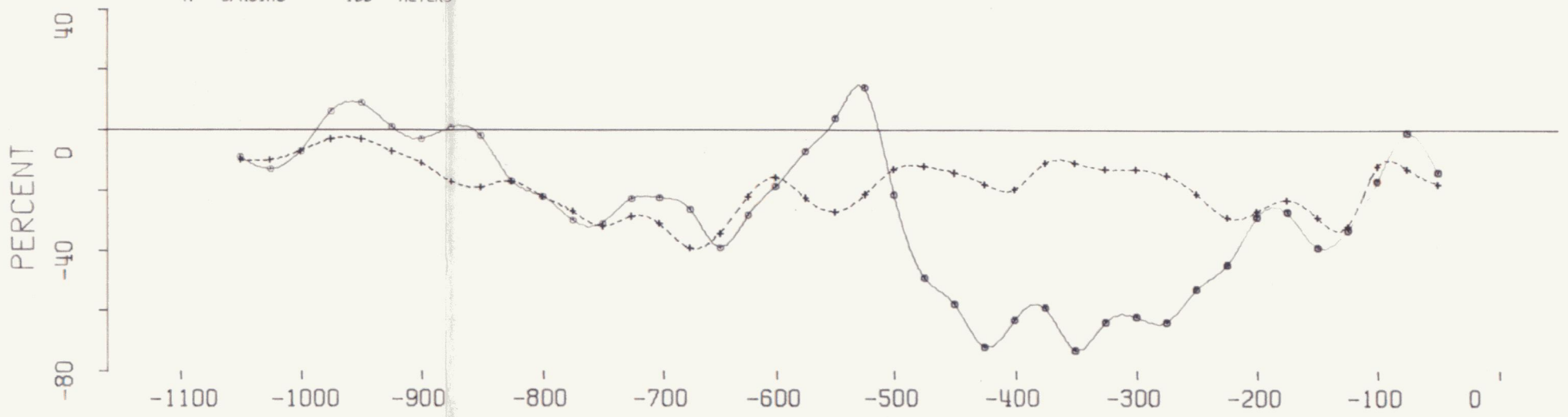
MAGNETICS



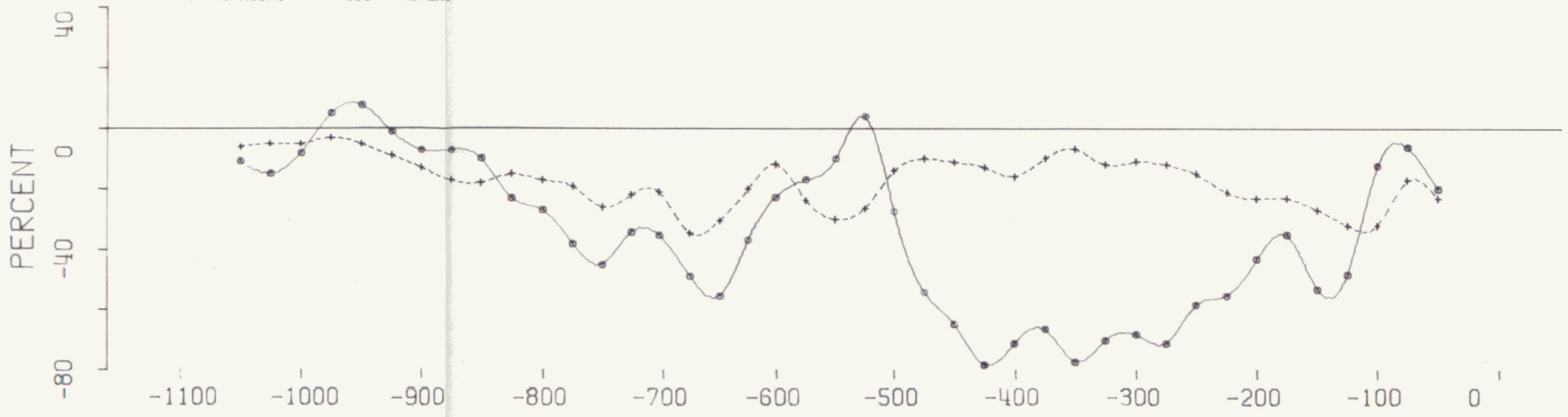
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FREQUENCY: 888 HERTZ
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 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



STATION LOCATION

SELWYN PROJECT -- BUM GRID LINE 1000 EAST

TOPOGRAPHY



LEGEND

- Broad HLEM Conductor (I/P a 444 Hz)
- Narrow HLEM Conductor (I/P a 444 Hz)
- Weak HLEM Conductor

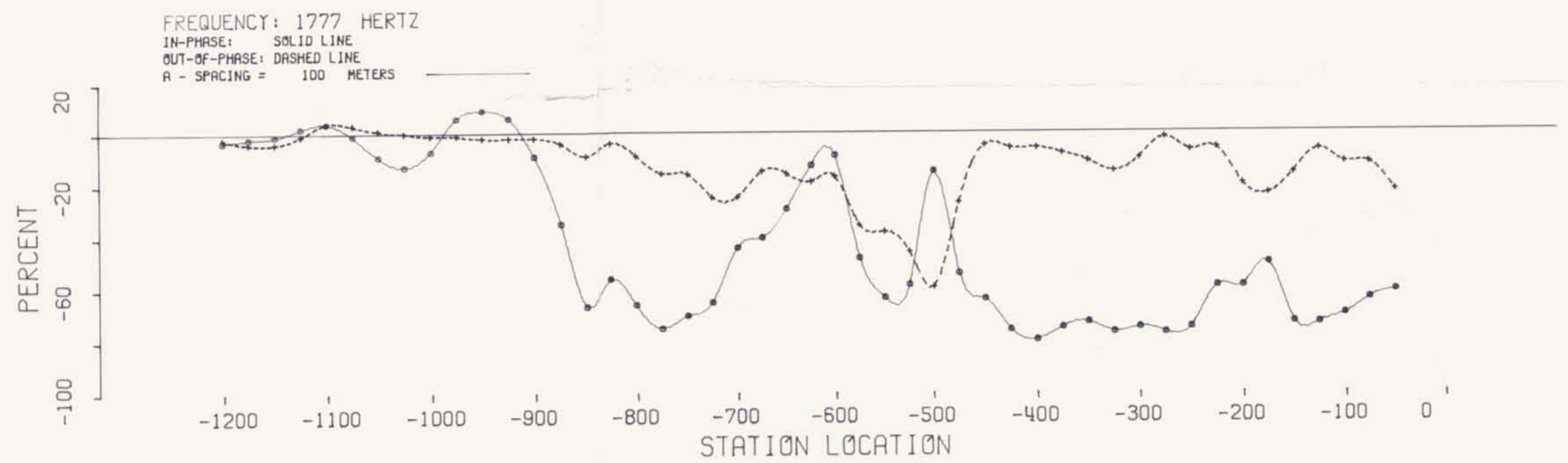
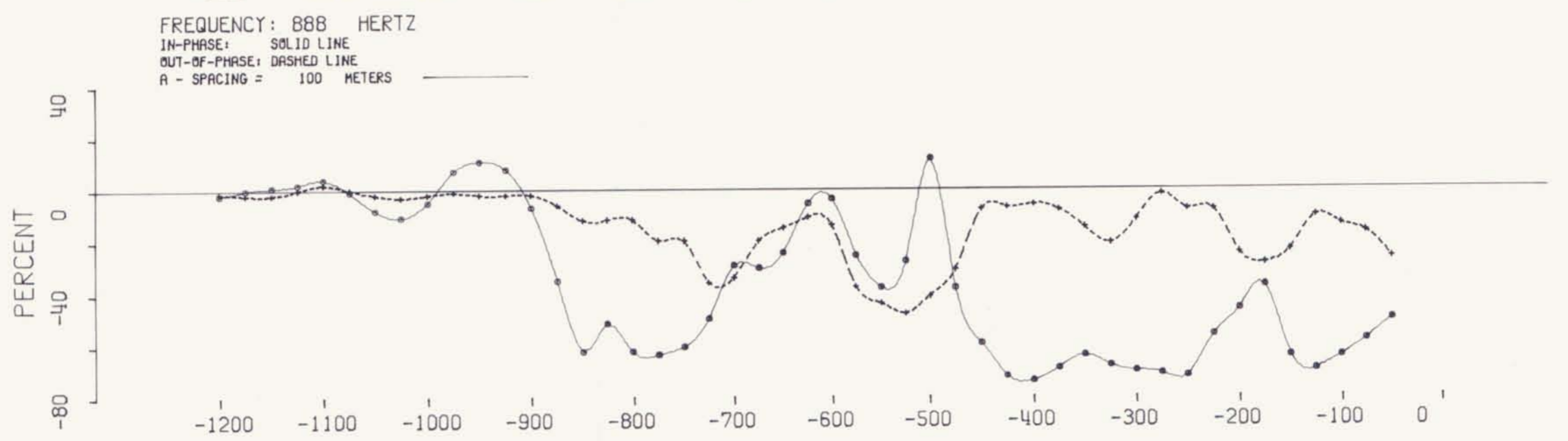
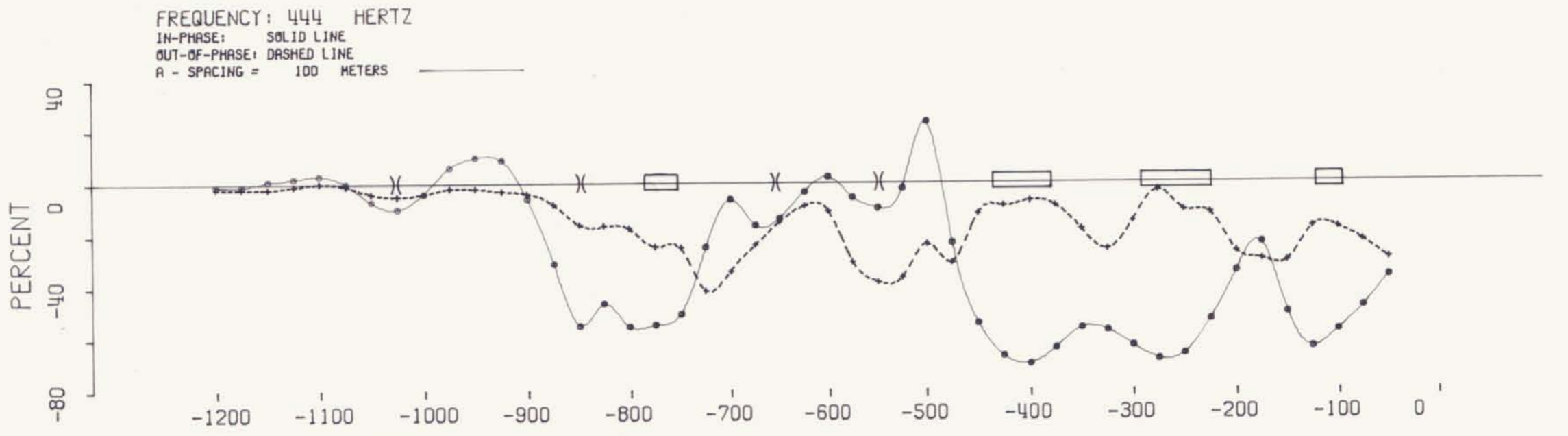
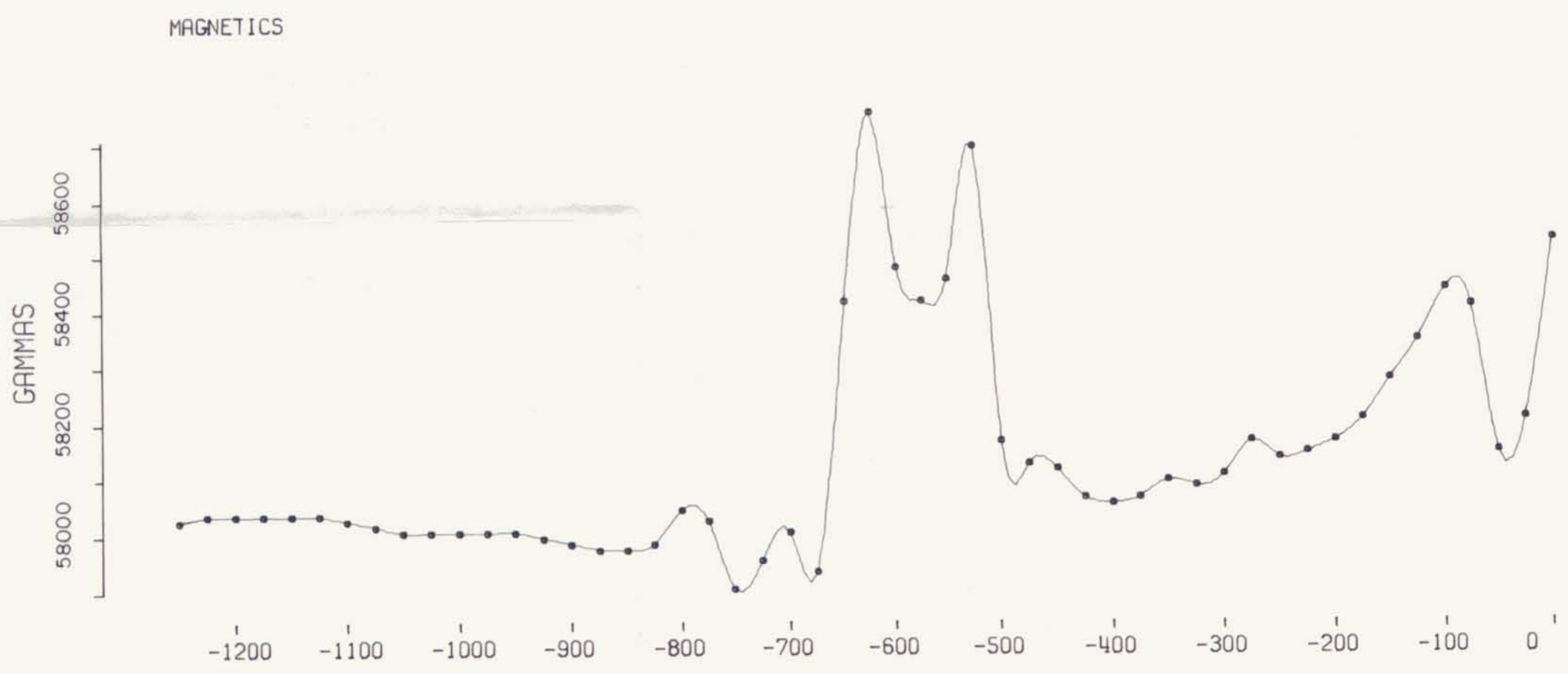
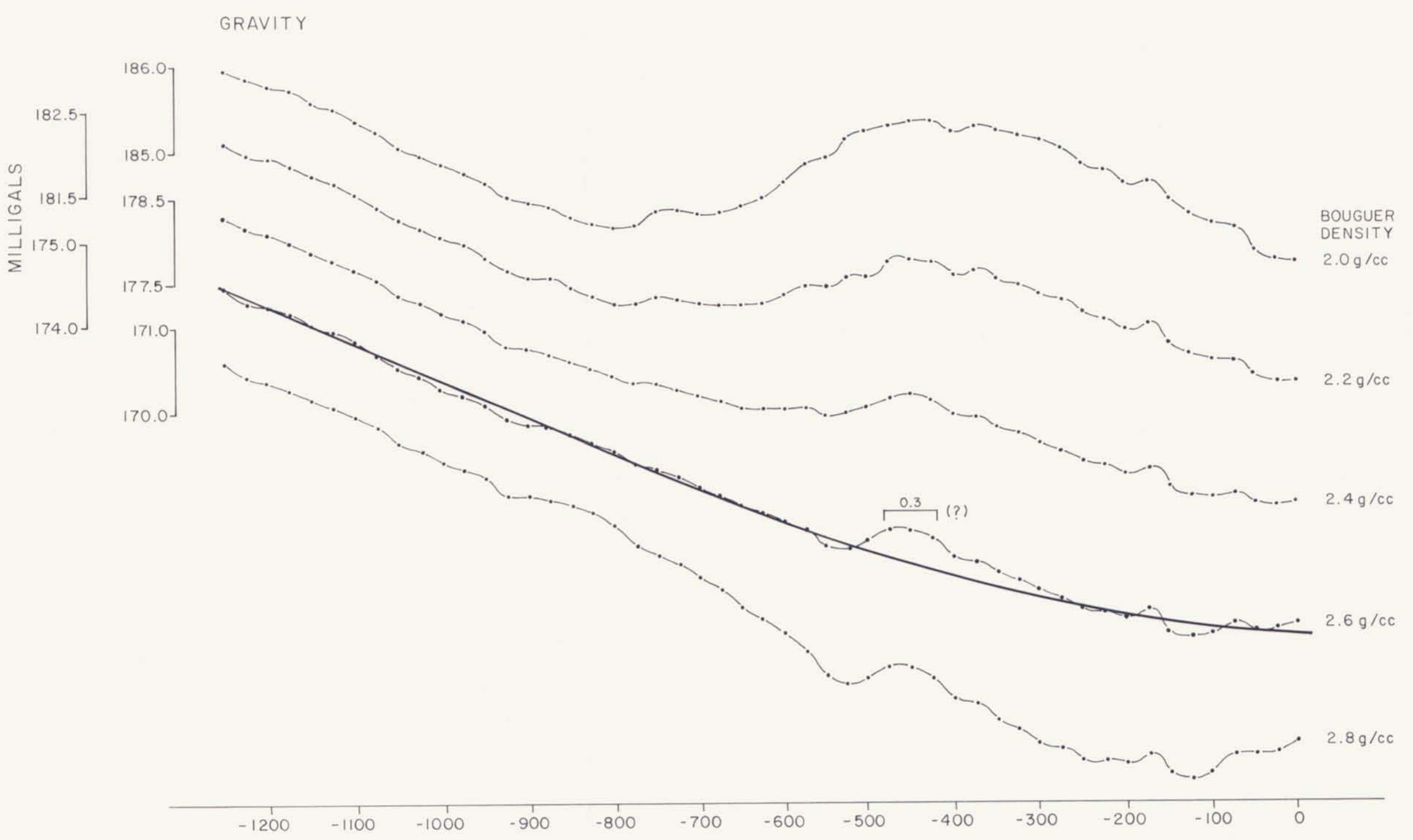
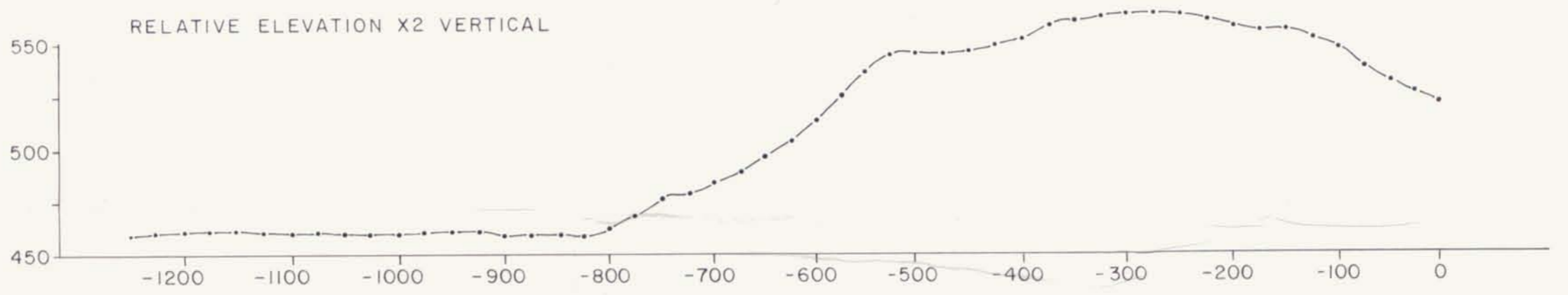
001461

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SELWYN PROJECT

BUM GRID LINE 1000 E

geology by: A.S.	drawn by: E.W.	date: MAY 83
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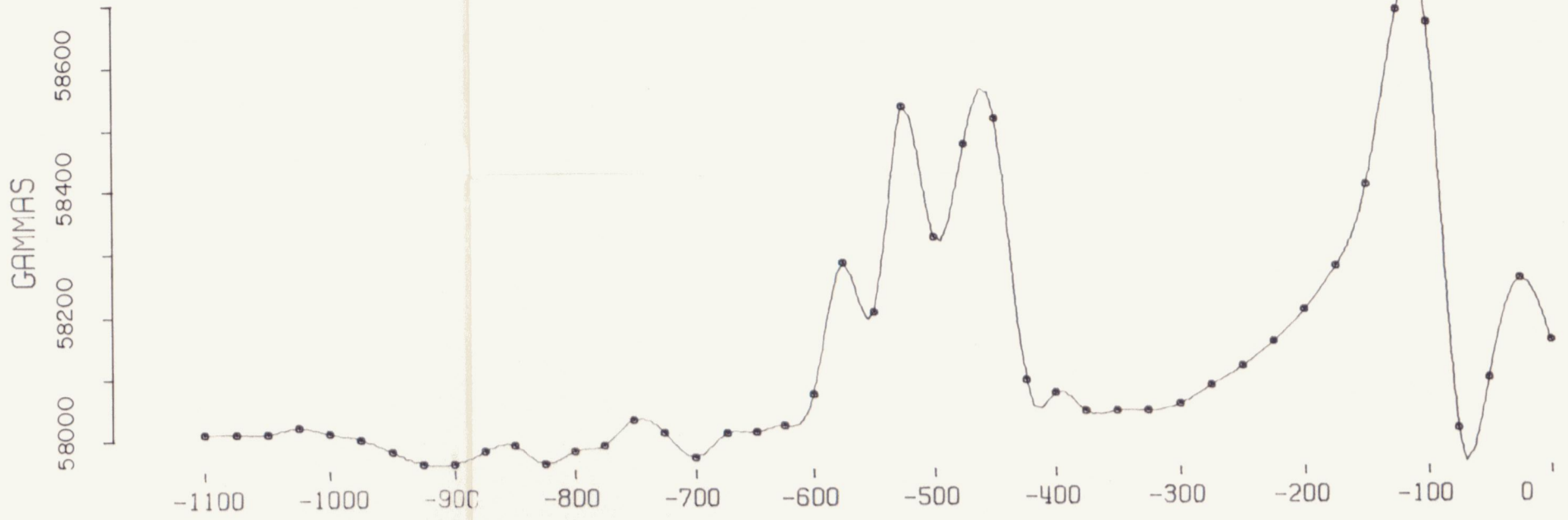
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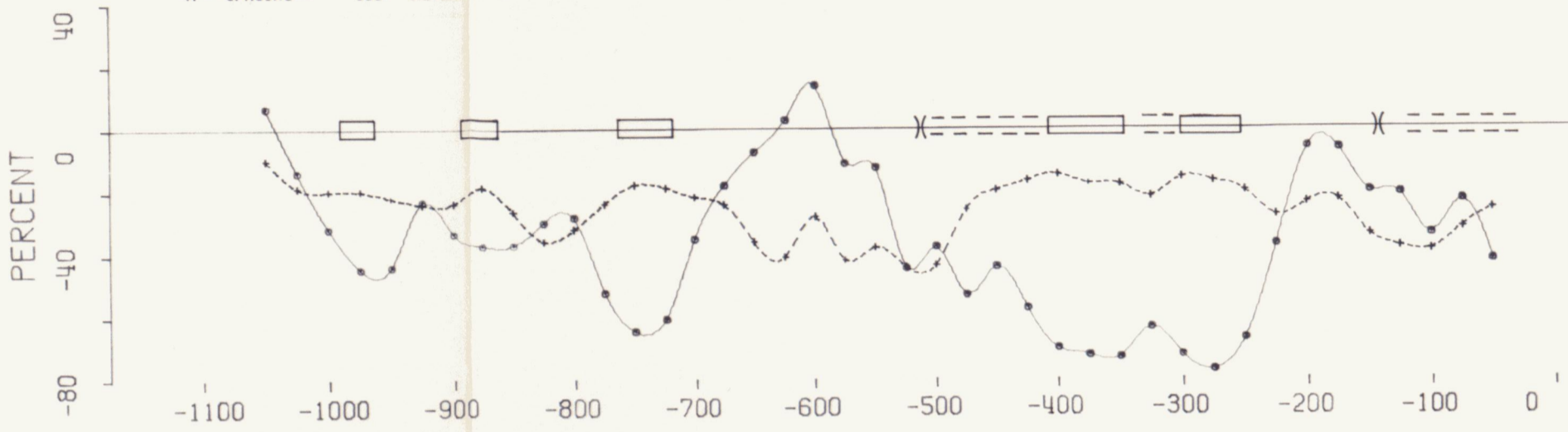
- LEGEND**
- Broad HLEM Conductor (I/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor
 - Residual Gravity High and Amplitude (milligals)

ANACONDA Canada Exploration Ltd.		
SELWYN PROJECT		
BUM GRID LINE 800 E		
geology by: A. S.	drawn by: D. C.	date: MAY 83
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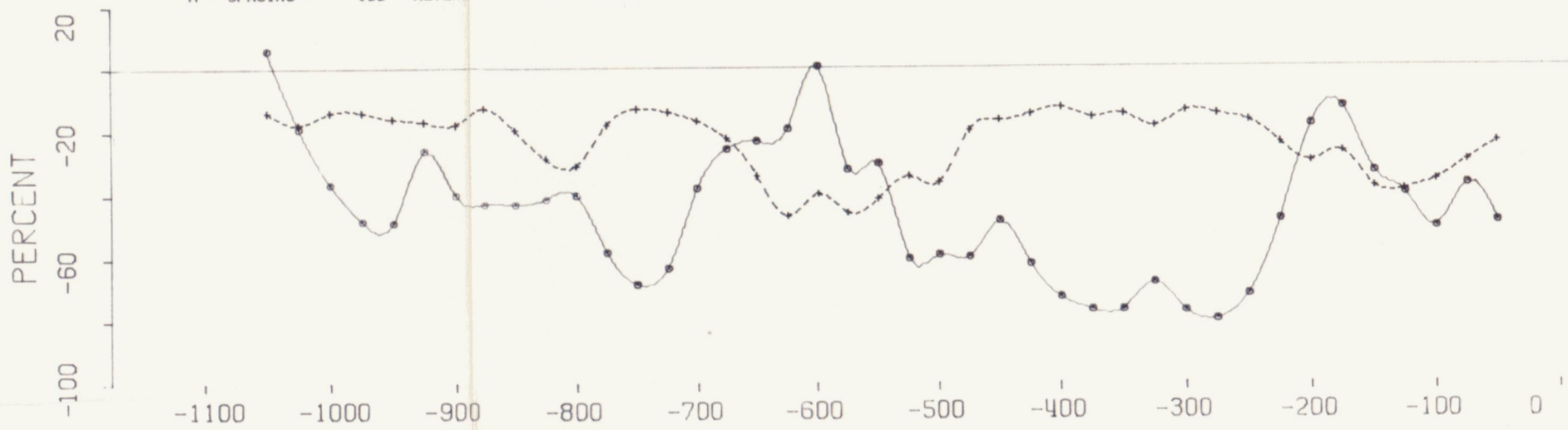
MAGNETICS



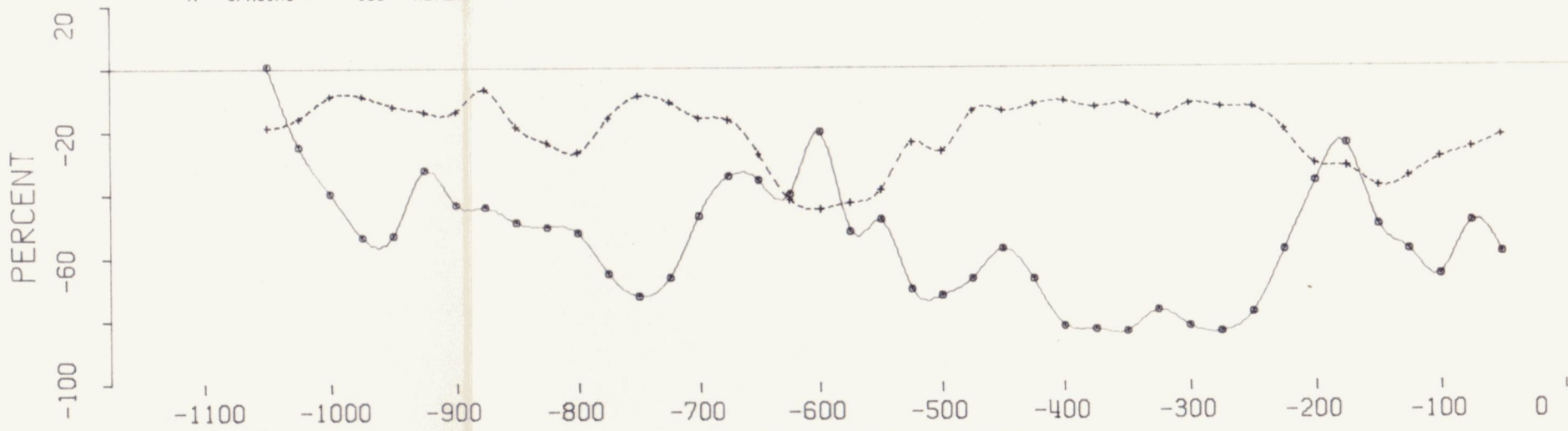
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 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
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 A - SPACING = 100 METERS



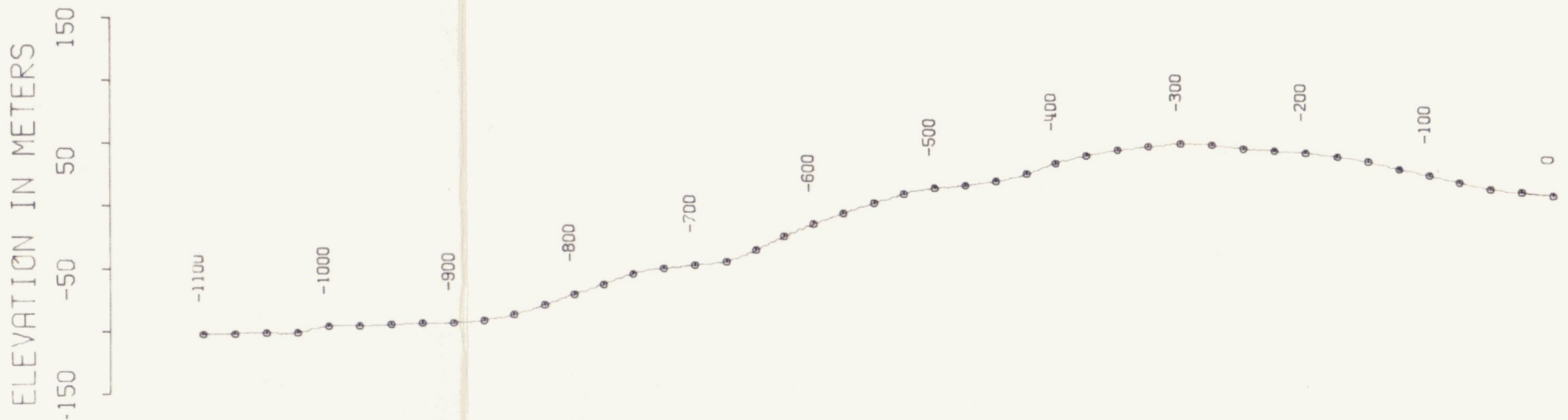
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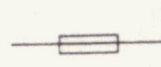

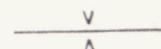
STATION LOCATION


SELWYN PROJECT -- BUM GRID LINE 600 EAST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P a 444 Hz)
-  Narrow HLEM Conductor (I/P a 444 Hz)
-  Weak HLEM Conductor

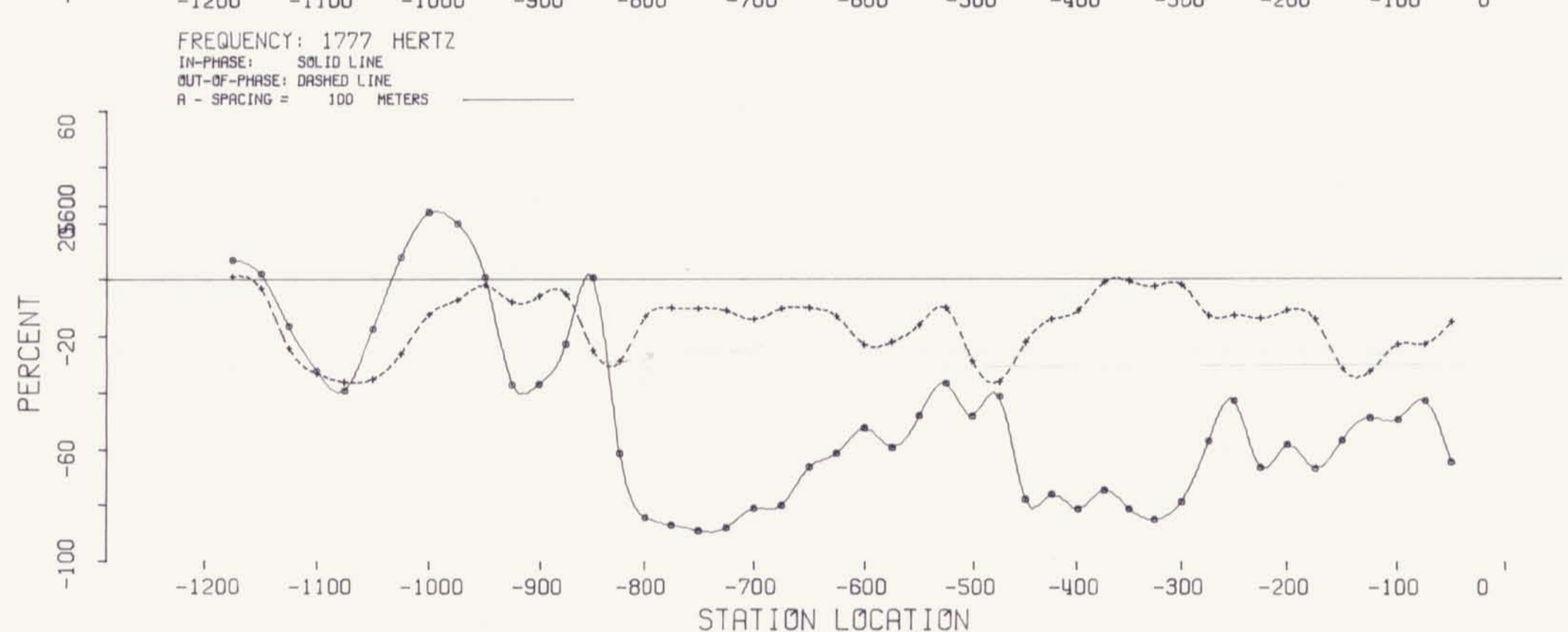
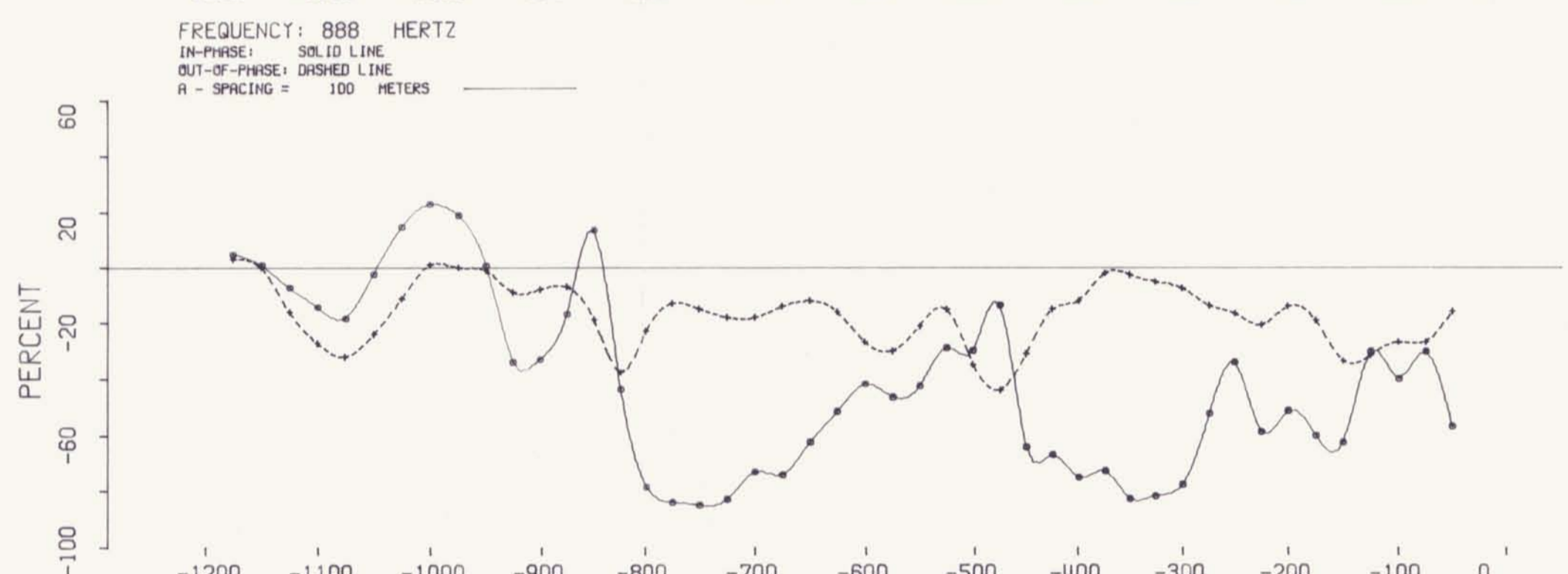
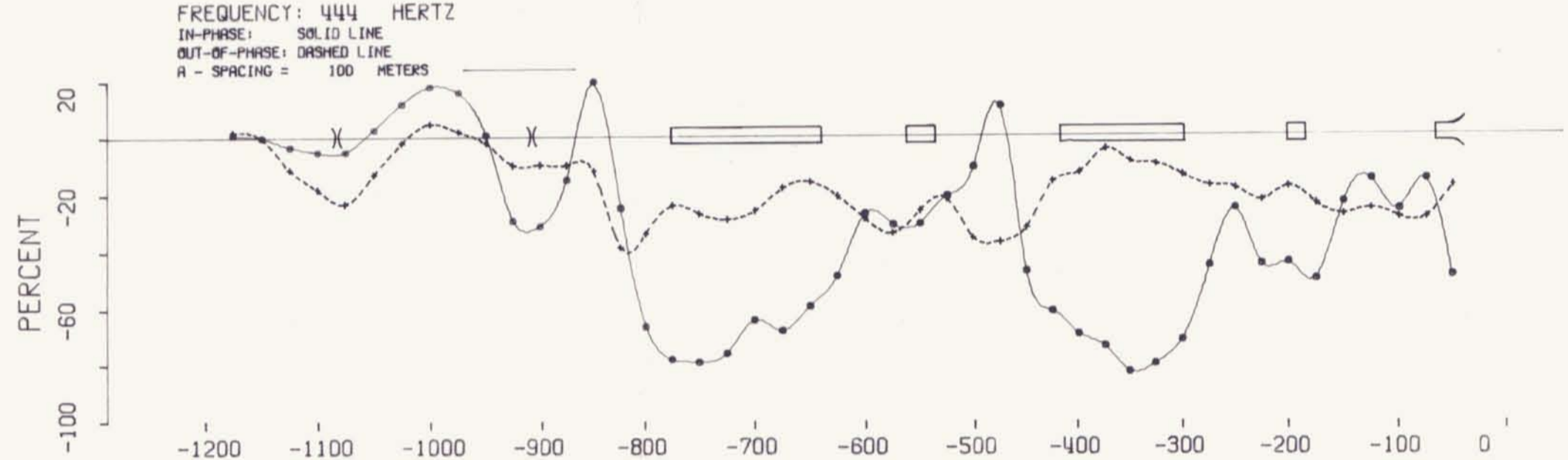
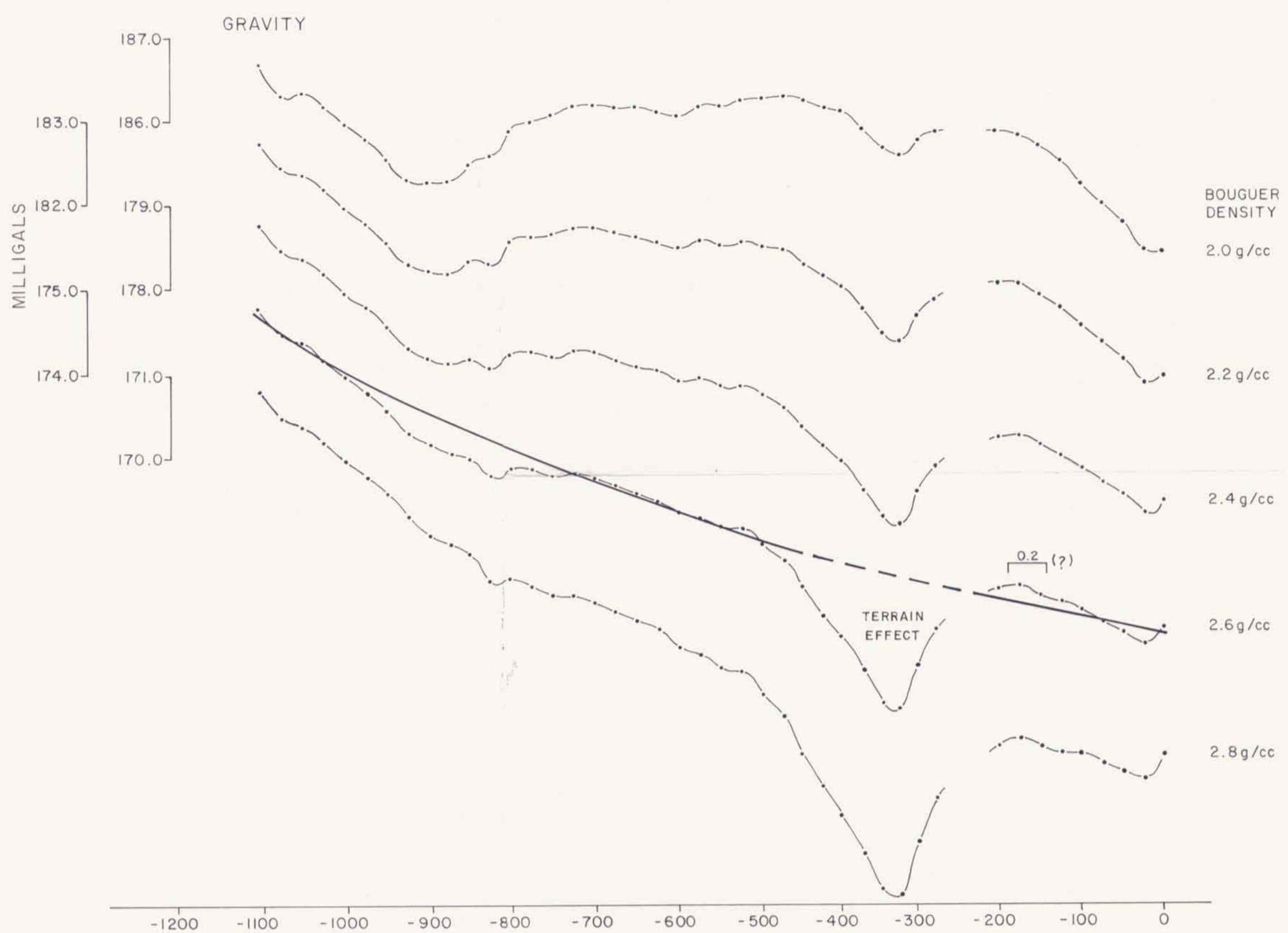
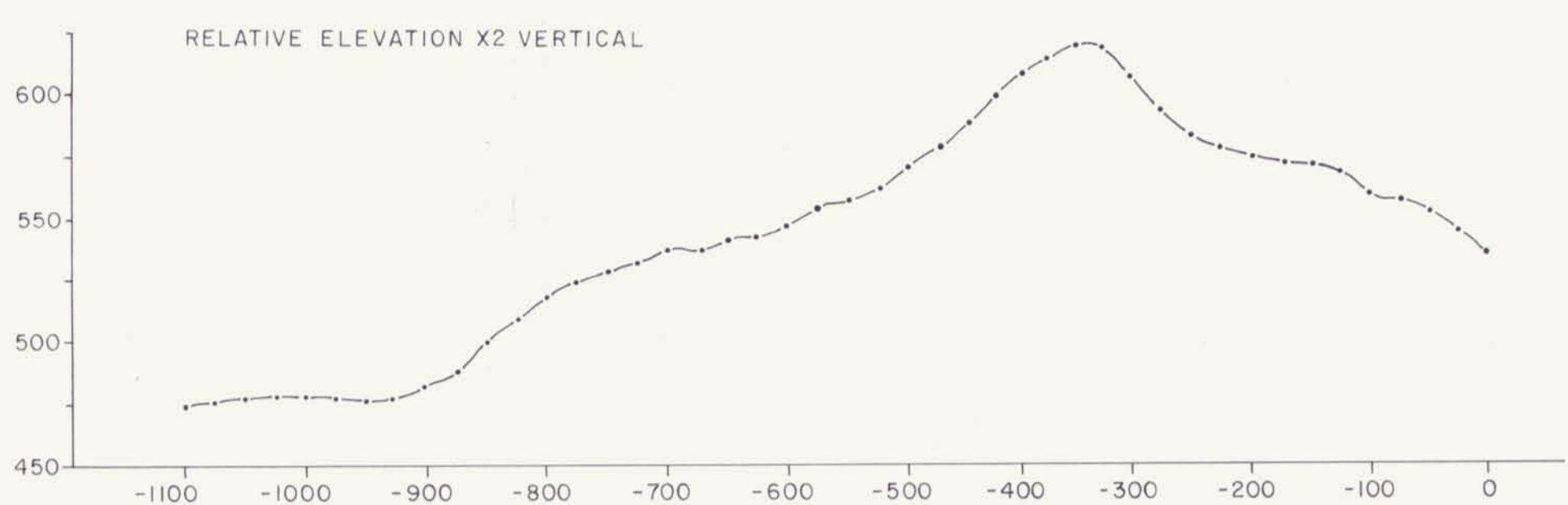
ANACONDA Canada Exploration Ltd. 

SELWYN PROJECT

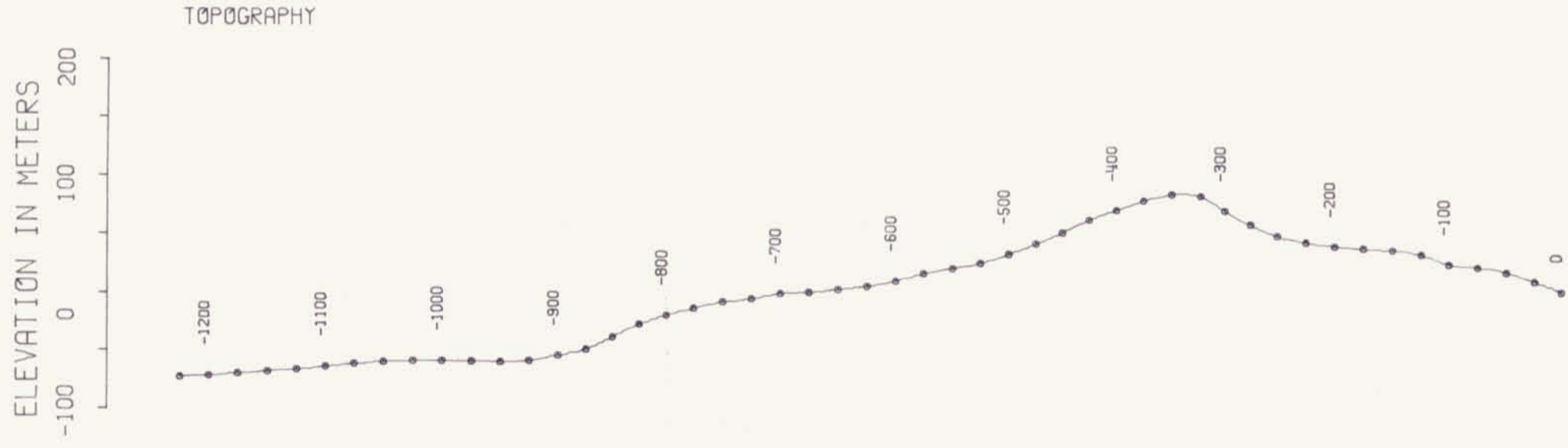
BUM GRID LINE 600 E

geology by: A.S.	drawn by: D.C.	date: MAY 83
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091481



SELWYN PROJECT -- BUM GRID LINE 400 EAST



- LEGEND**
- Broad HLEM Conductor (1/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor
 - Residual Gravity High and Amplitude (milligals)

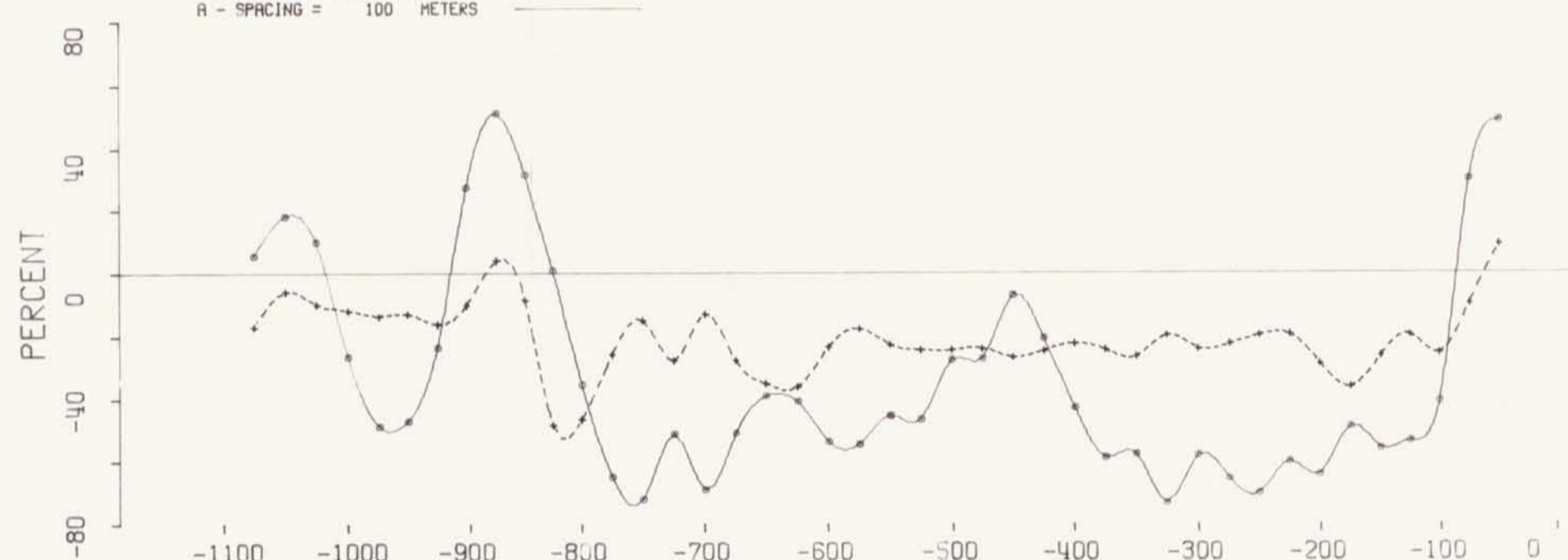
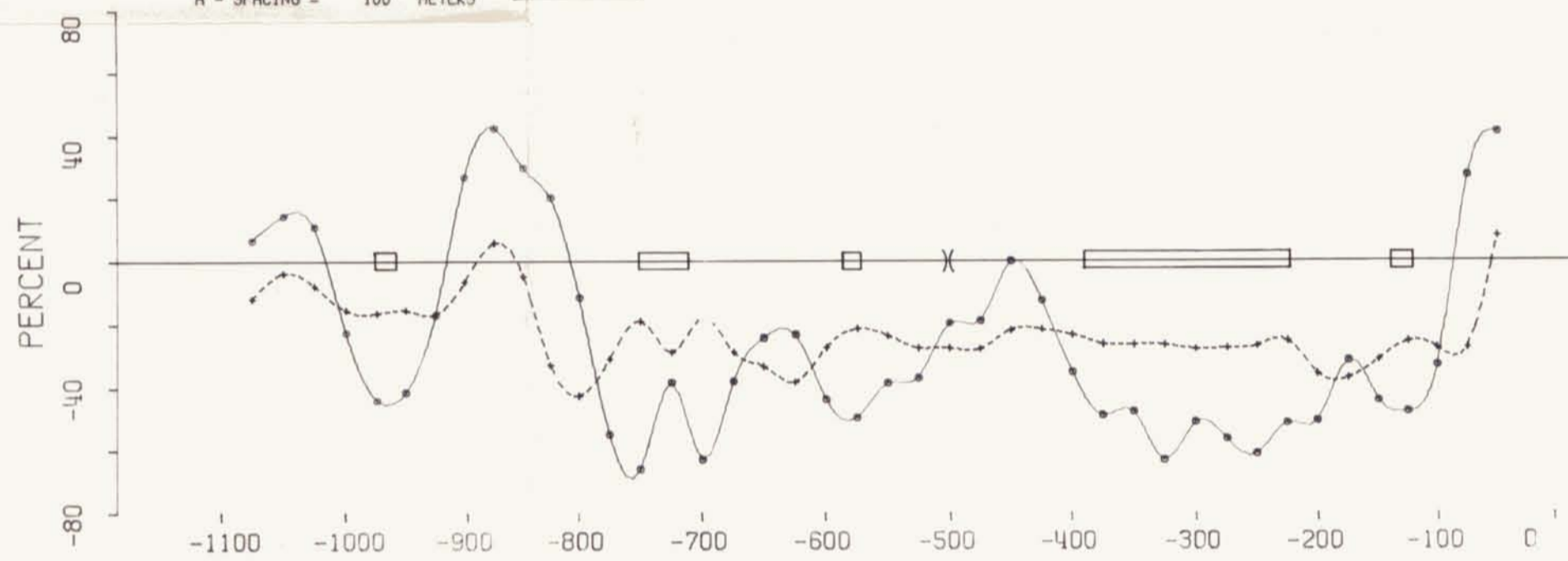
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

BUM GRID LINE 400 E

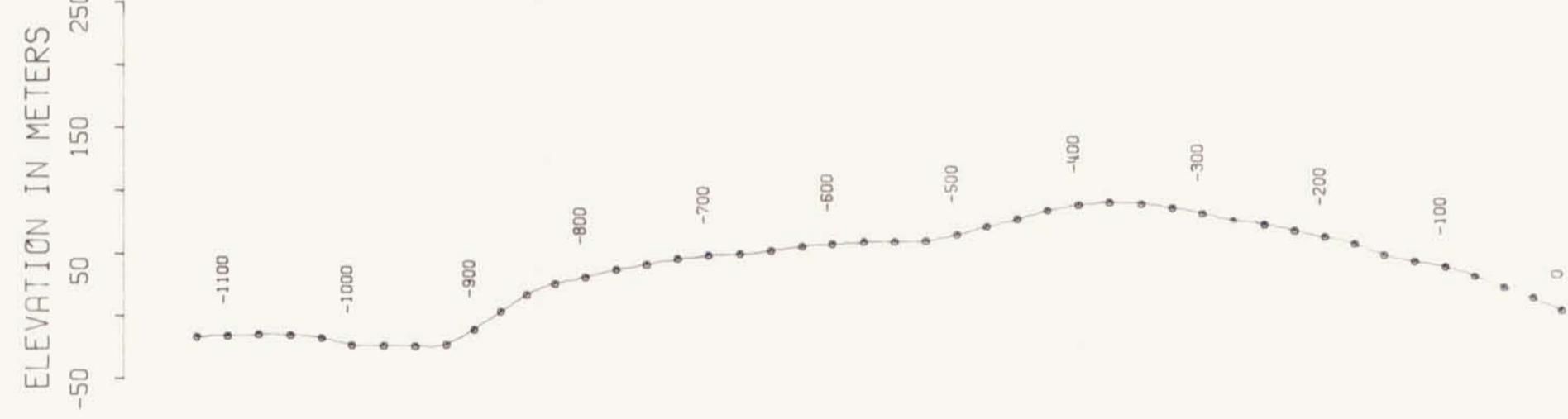
geology by: A. S.	drawn by: D. C.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 9

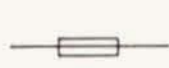


MAGNETICS




SELWYN PROJECT -- BUM GRID LINE 200 EAST

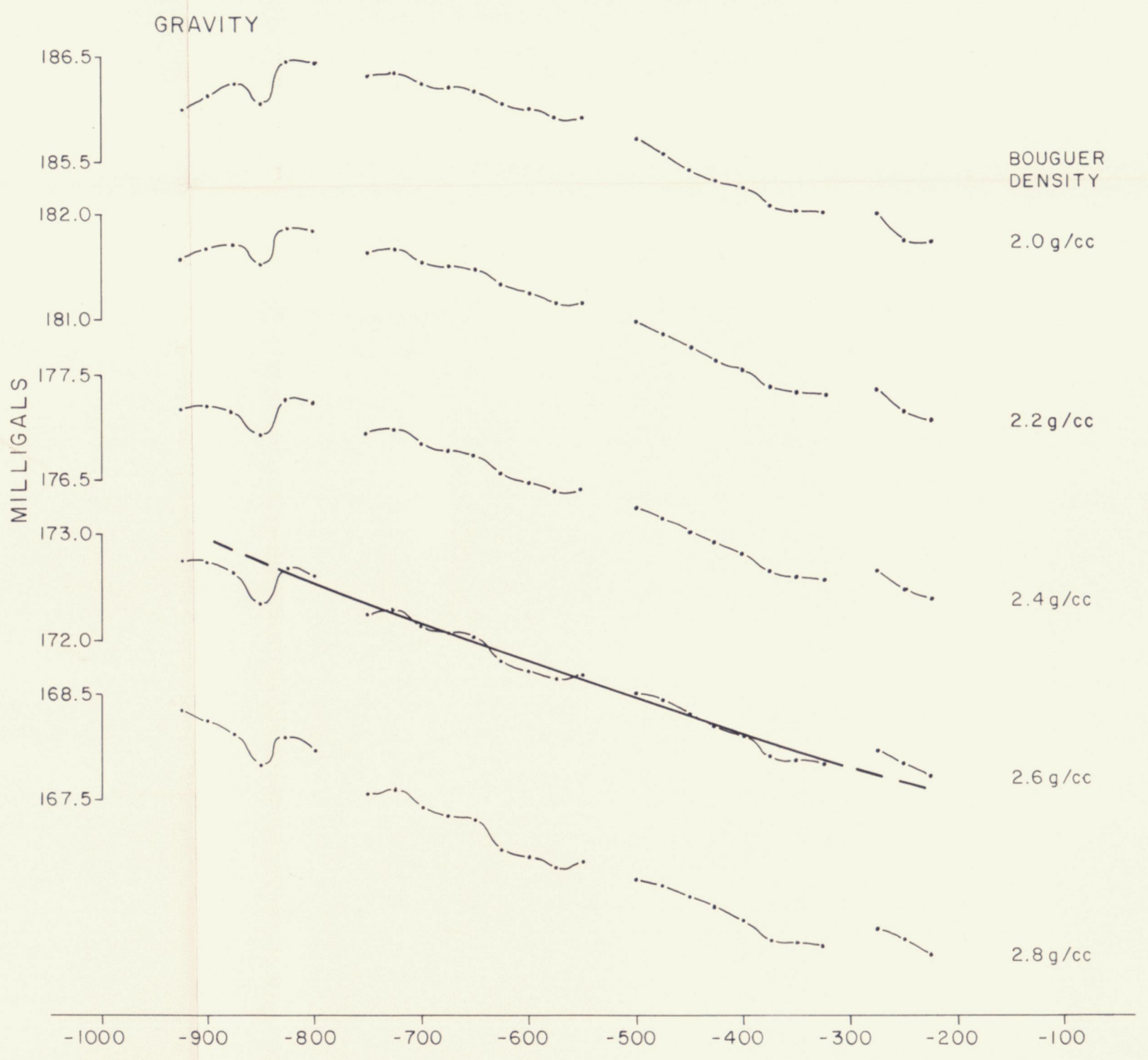
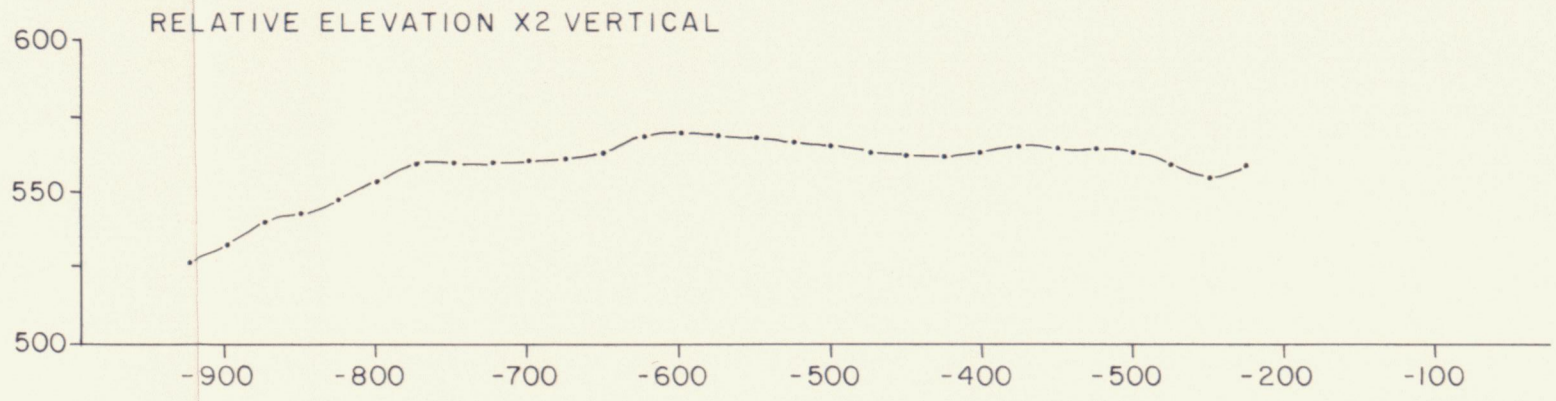
TOPOGRAPHY



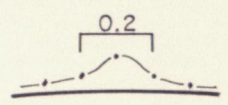
- LEGEND**
-  Broad HLEM Conductor (I/P @ 444 Hz)
 -  Narrow HLEM Conductor (I/P @ 444 Hz)
 -  Weak HLEM Conductor

ANACONDA Canada Exploration Ltd. 		
SELWYN PROJECT		
BUM GRID LINE 200 E		
geology by: A. S.	drawn by: E. W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 10

091461



LEGEND

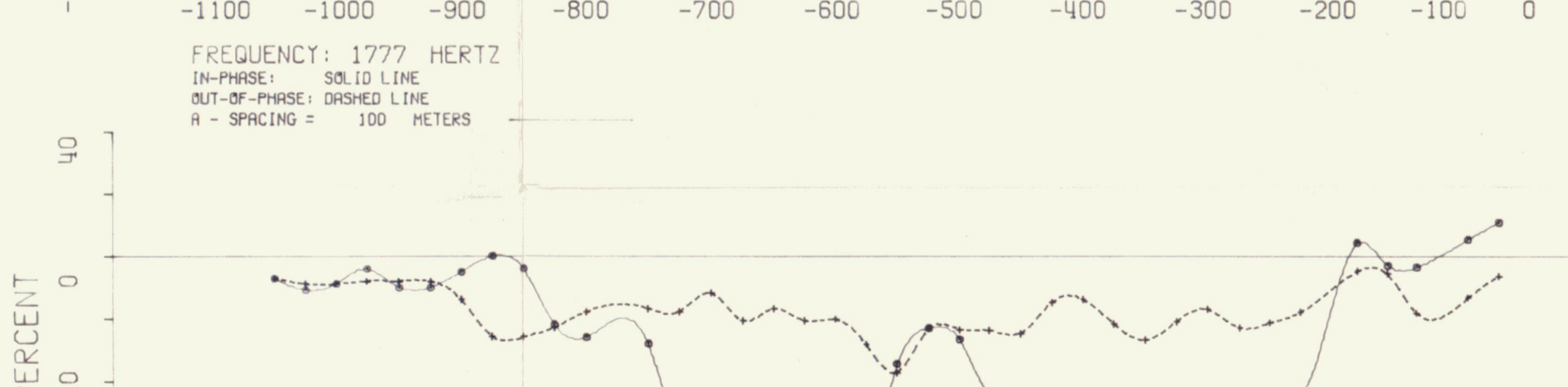
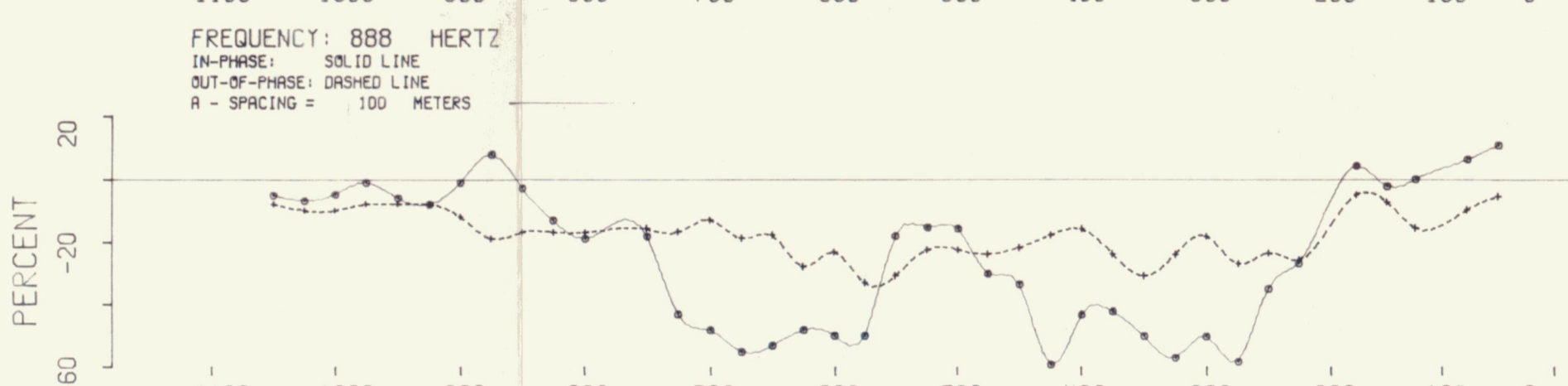
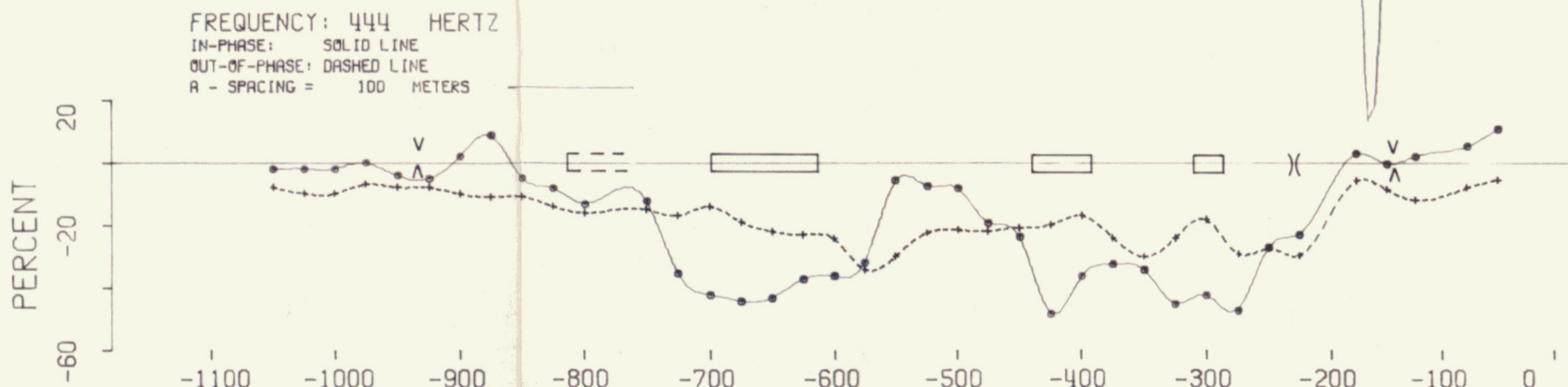
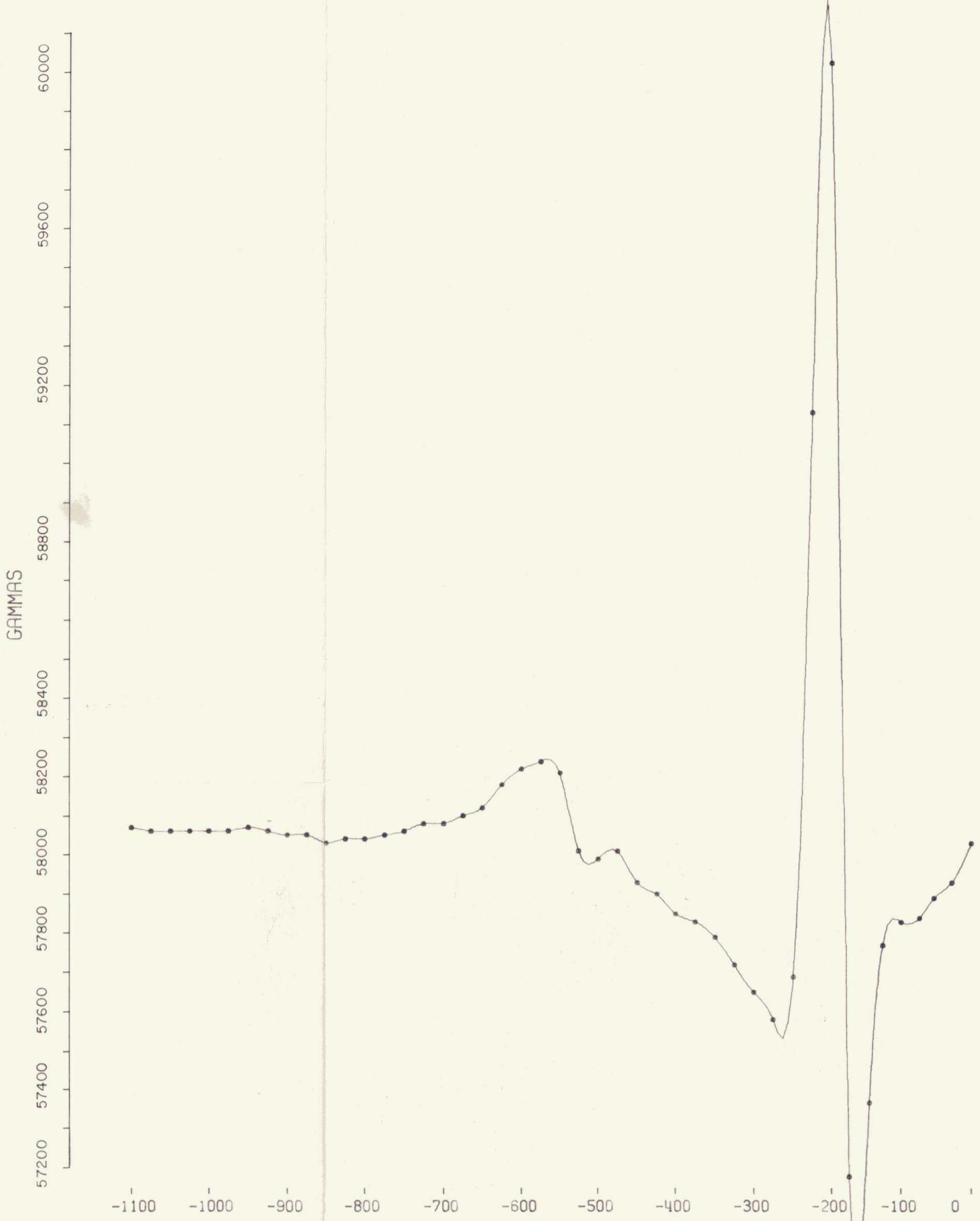


Residual Gravity High and Amplitude (milligals)

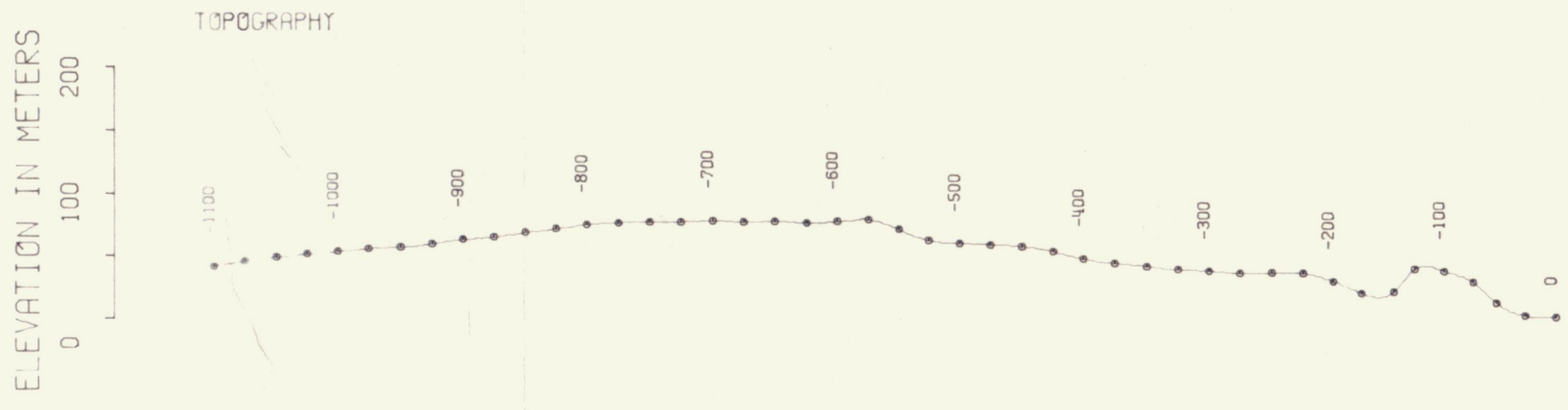
091461'

ANACONDA Canada Exploration Ltd.		
SELWYN PROJECT		
BUM GRID LINE 0		
geology by: A.S.	drawn by: D.M.C.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 11




MAGNETICS




SELWYN PROJECT -- BUM GRID LINE 200 WEST



LEGEND

-  Broad HLEM Conductor (1/P a 444 Hz)
-  Narrow HLEM Conductor (1/P a 444 Hz)
-  Weak HLEM Conductor

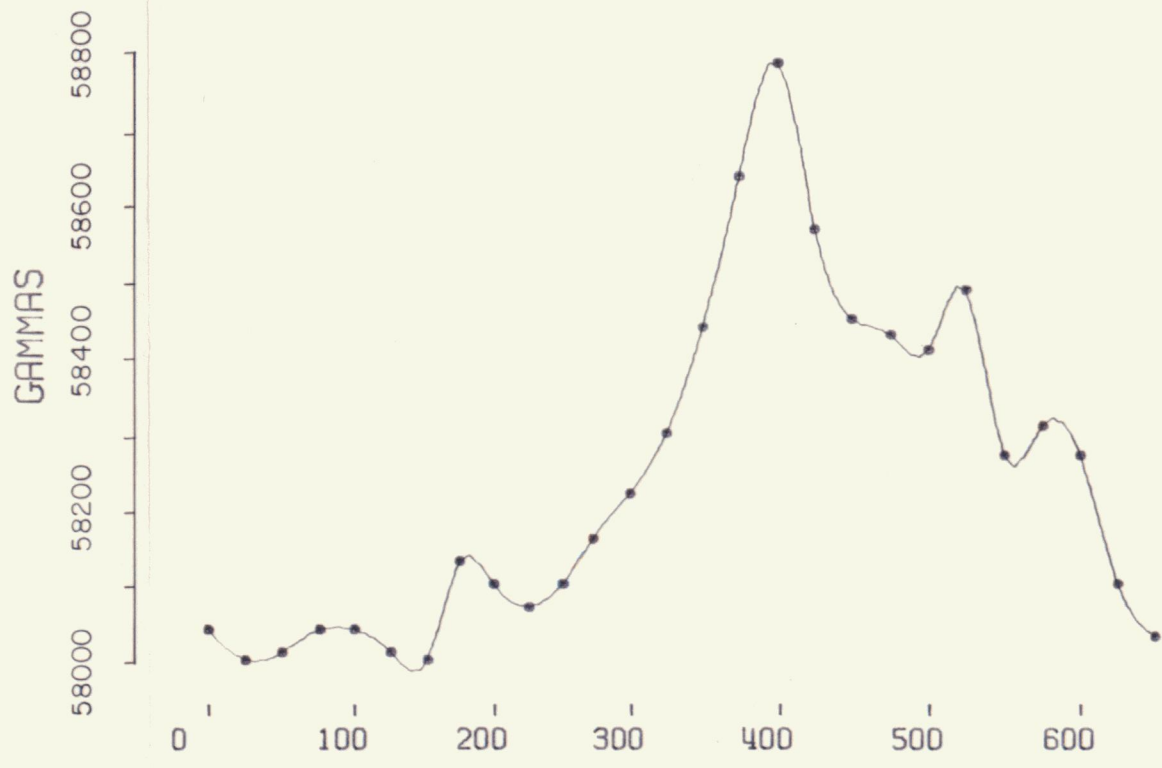
ANACONDA Canada Exploration Ltd. 

SELWYN PROJECT
BUM GRID LINE 200 W

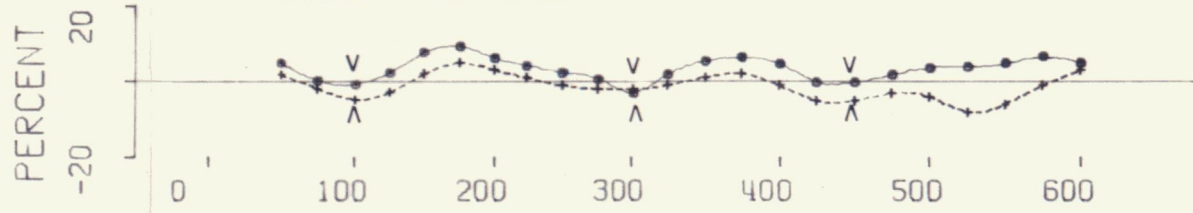
geology by: A. S.	drawn by: E.W.	date: MAY 83
scale: 1: 5,000	n.t.s. 105- - 14	fig./proj. no. 12

091461

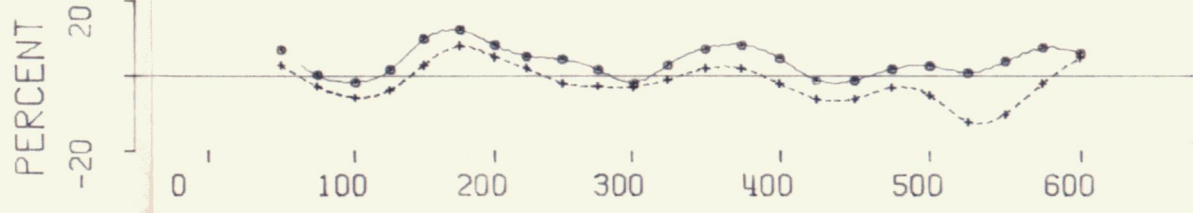
MAGNETICS



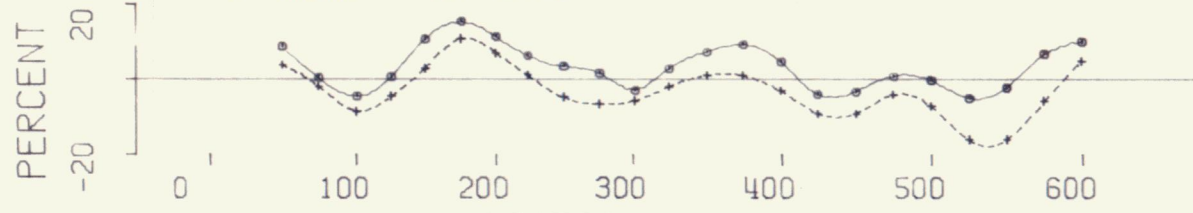
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



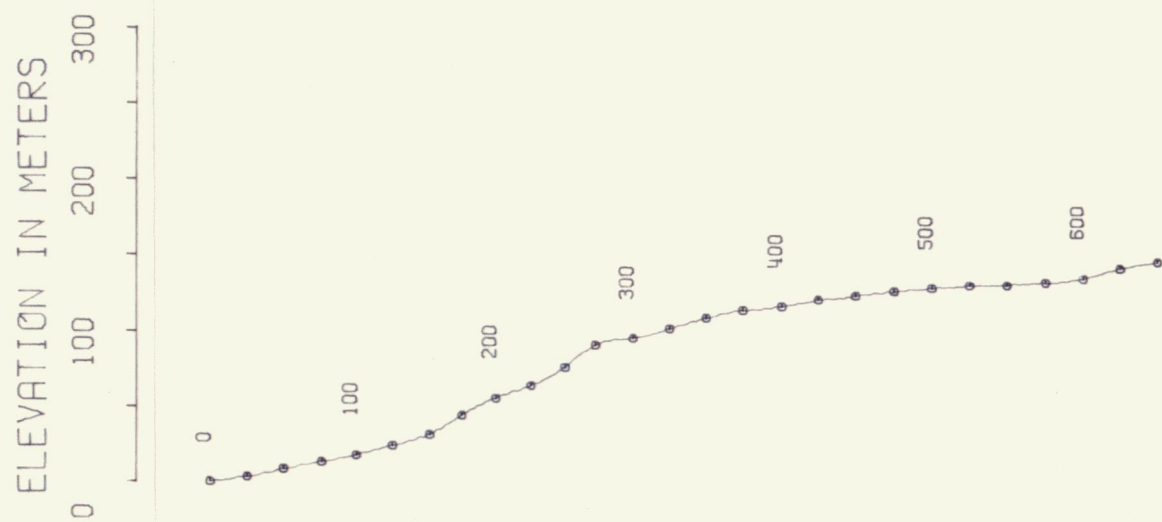
FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS





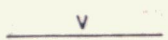
STATION LOCATION

SELWYN PROJECT -- BUM GRID LINE 400 W


TOPOGRAPHY

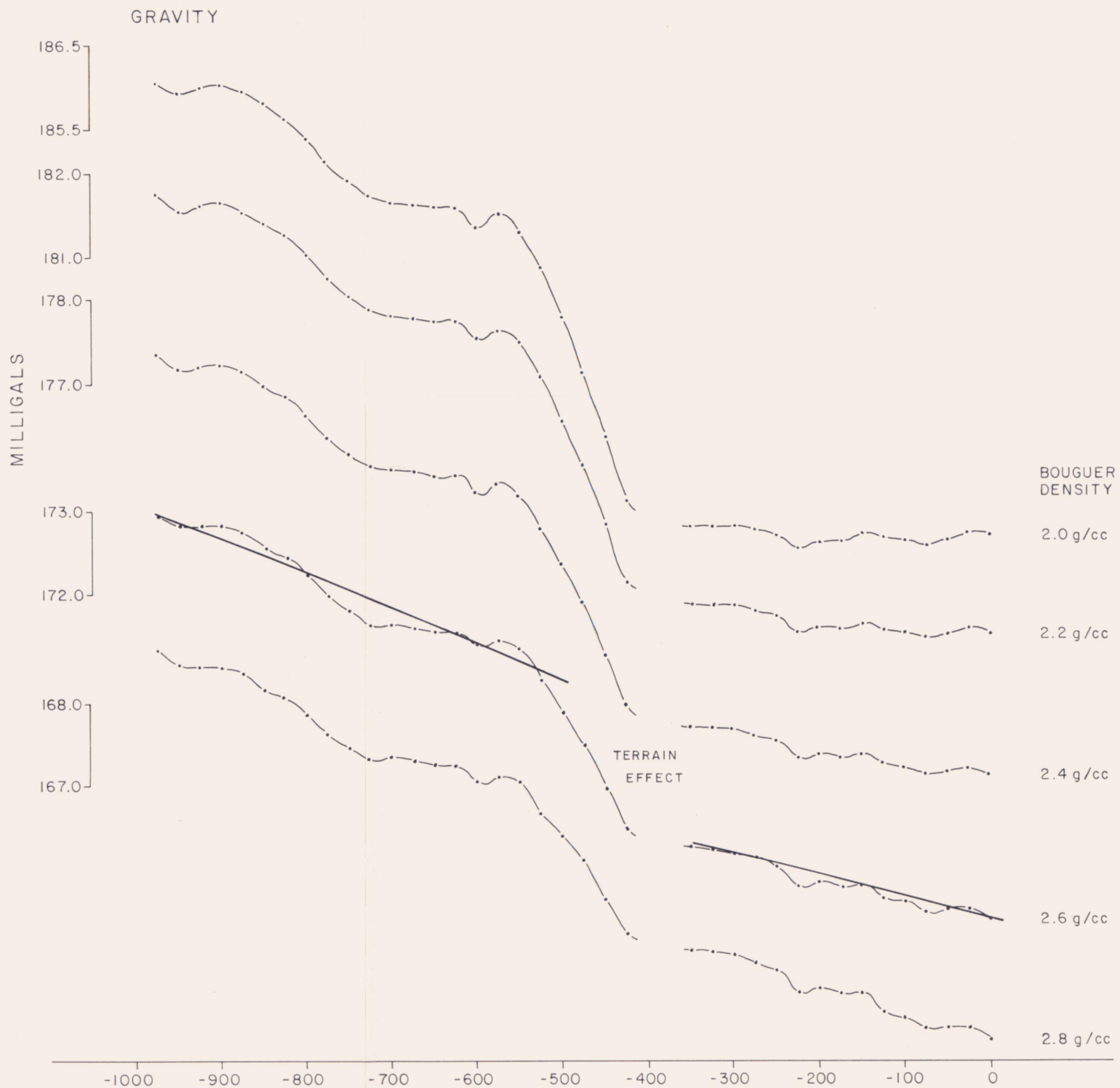
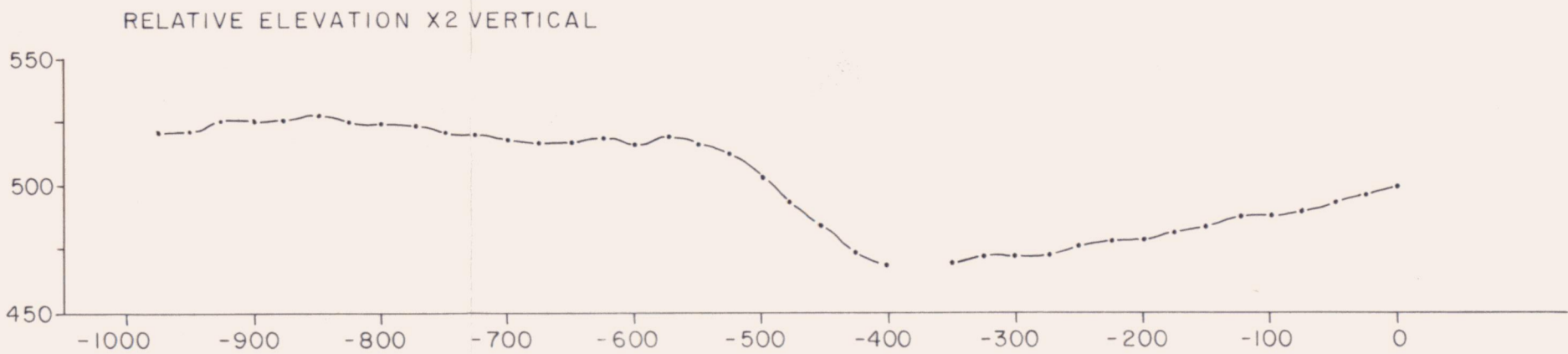


LEGEND

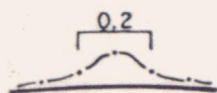
-  Broad HLEM Conductor (I/P @ 444 Hz)
-  Narrow HLEM Conductor (I/P @ 444 Hz)
-  Weak HLEM Conductor

091461

ANACONDA Canada Exploration Ltd. 		
SELWYN PROJECT		
BUM GRID LINE 400 W		
geology by: A.S.	drawn by: E.B.W.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	fig./proj. no. 13a



LEGEND



Residual Gravity High and Amplitude (milligals)

091461

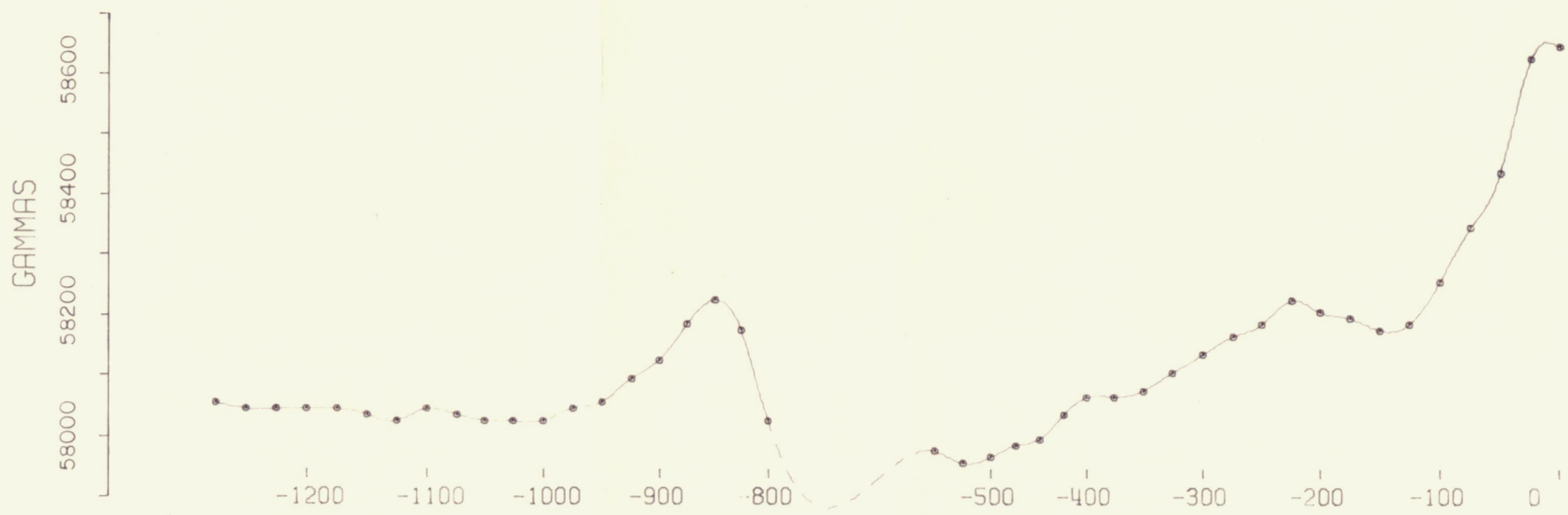
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

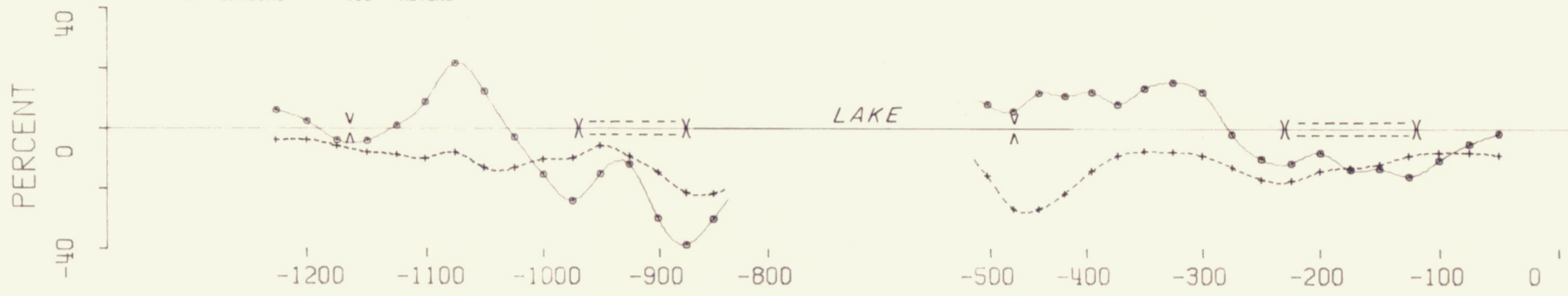
BUM GRID LINE 400W

geology by: A.S.	drawn by: D.M.C.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 13b

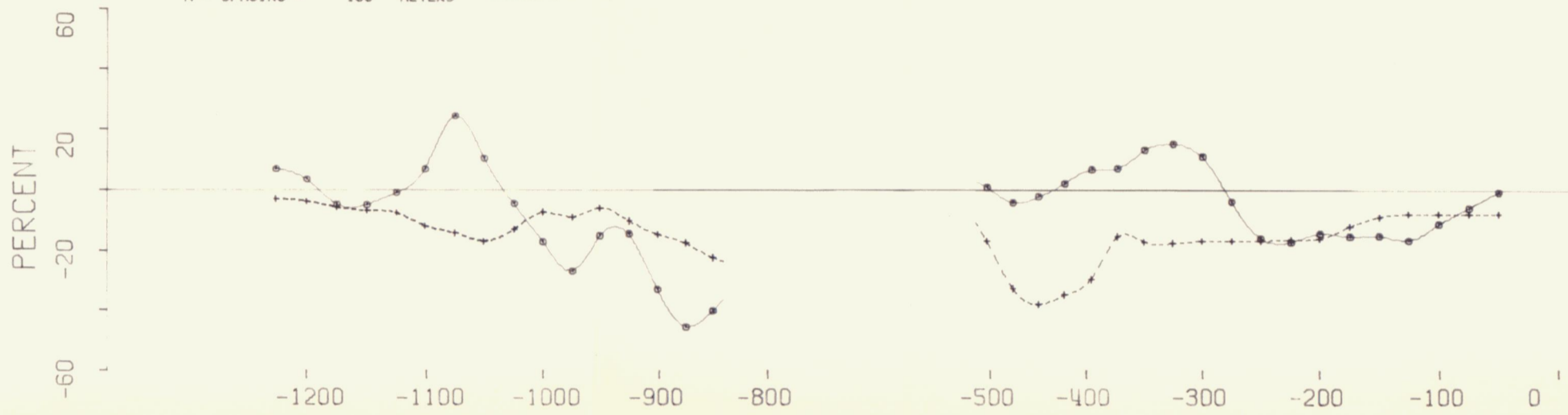
MAGNETICS



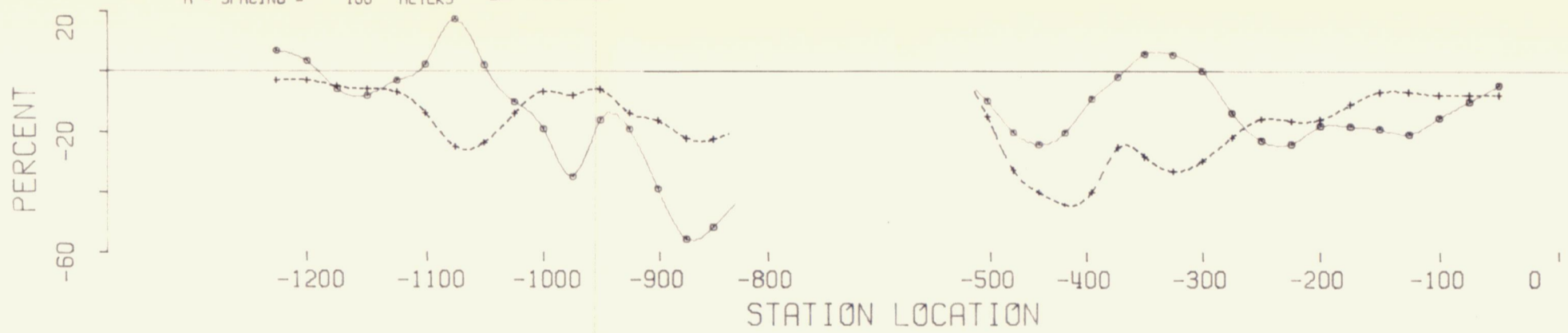
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

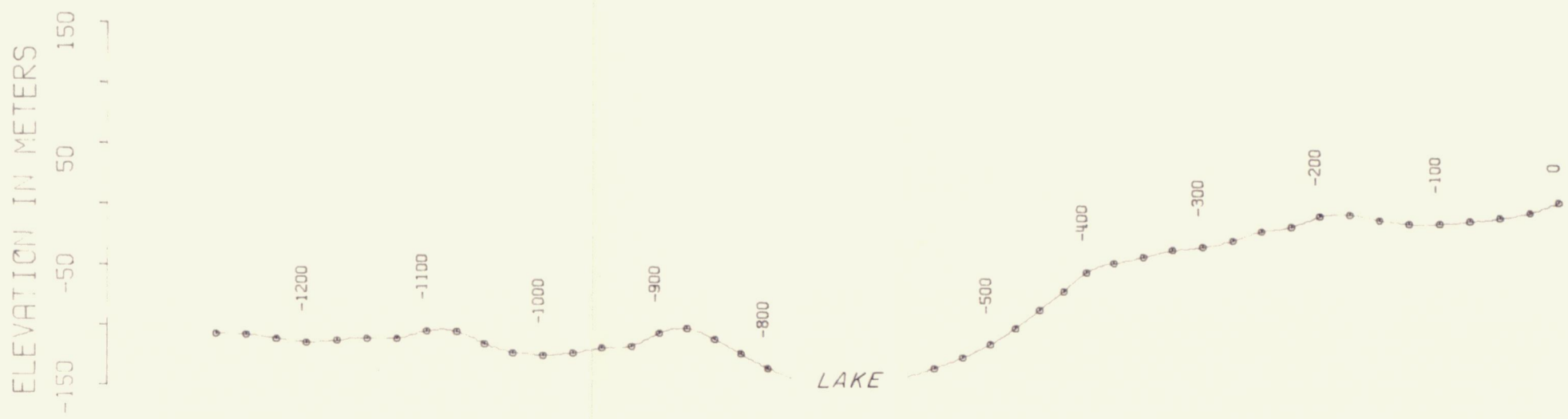


FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

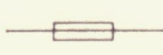

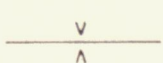


SELWYN PROJECT -- BUM GRID LINE 800 WEST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P a 444 Hz)
-  Narrow HLEM Conductor (I/P a 444 Hz)
-  Weak HLEM Conductor

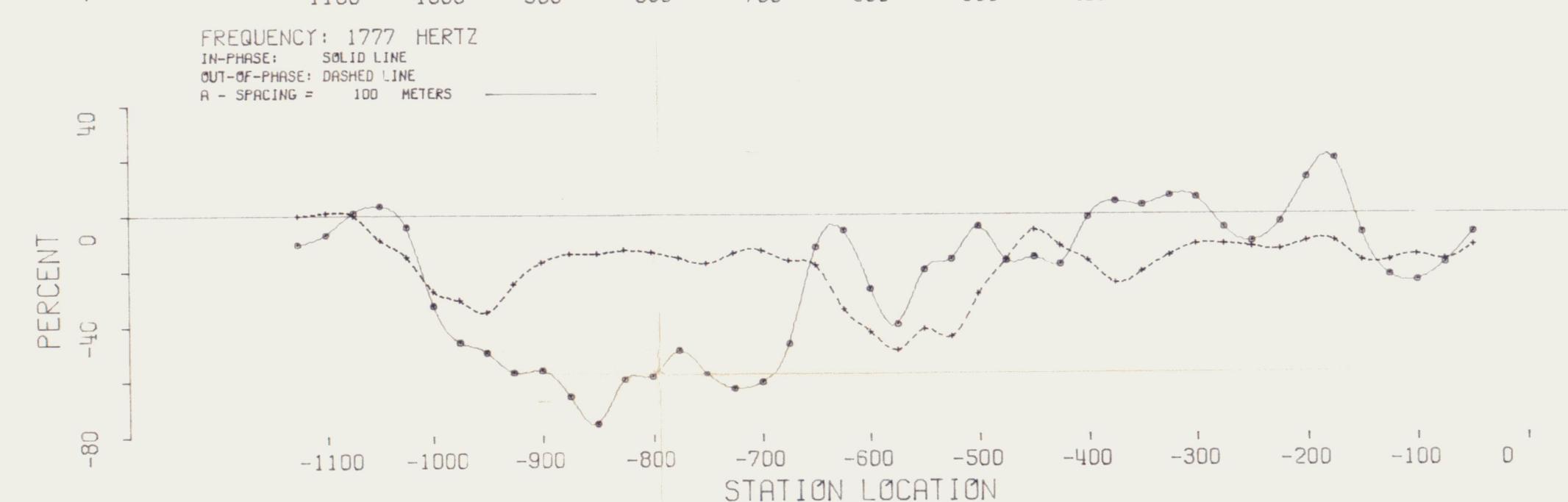
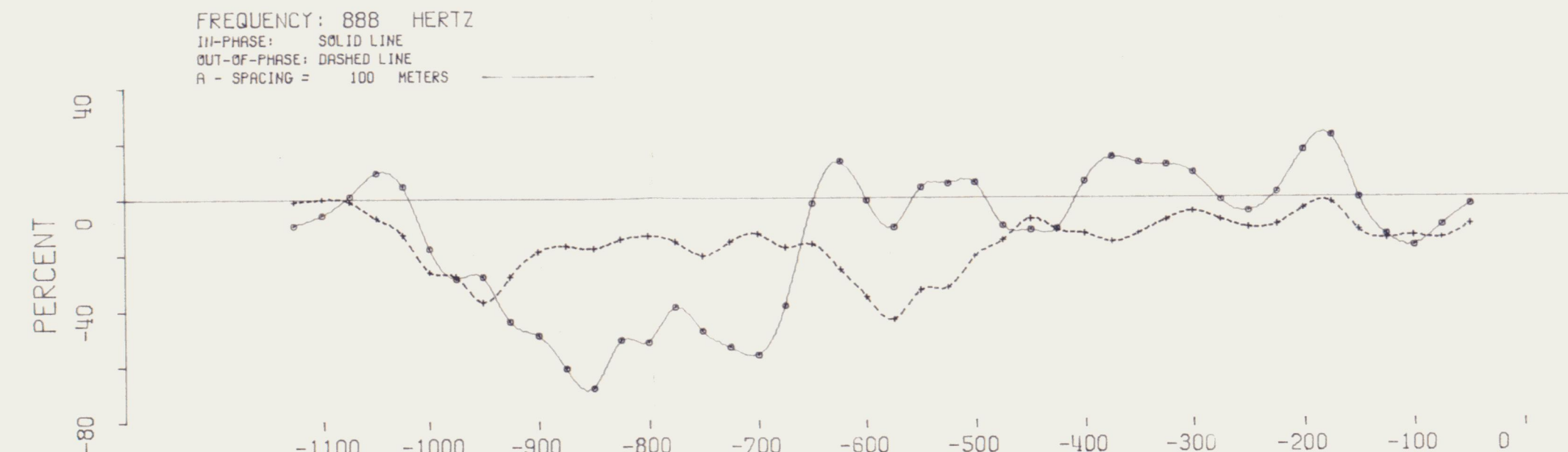
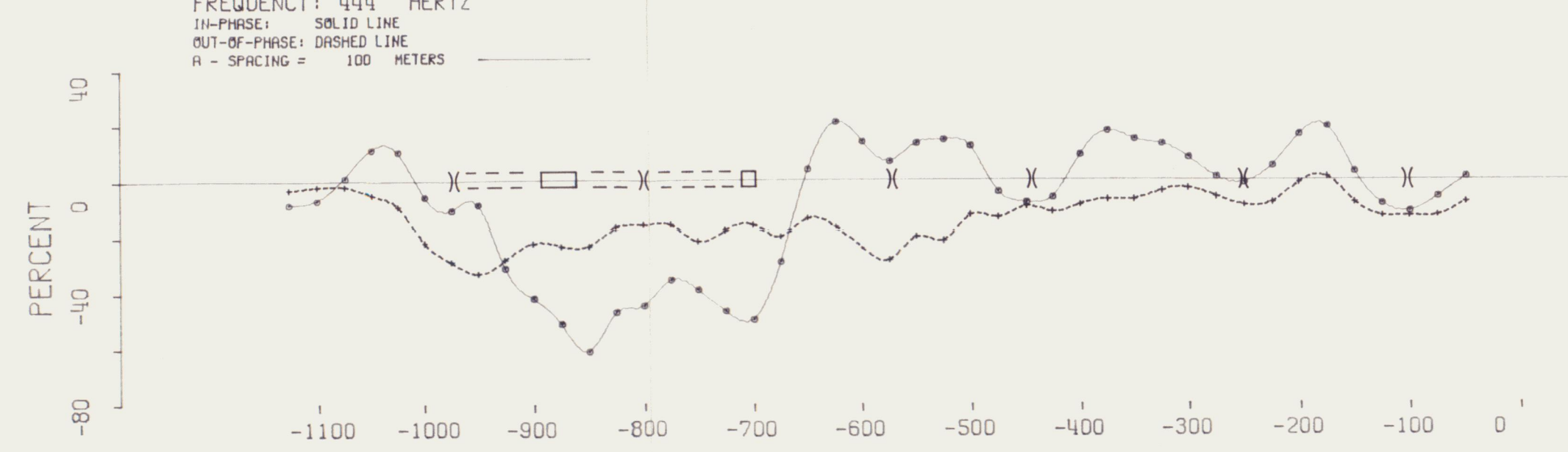
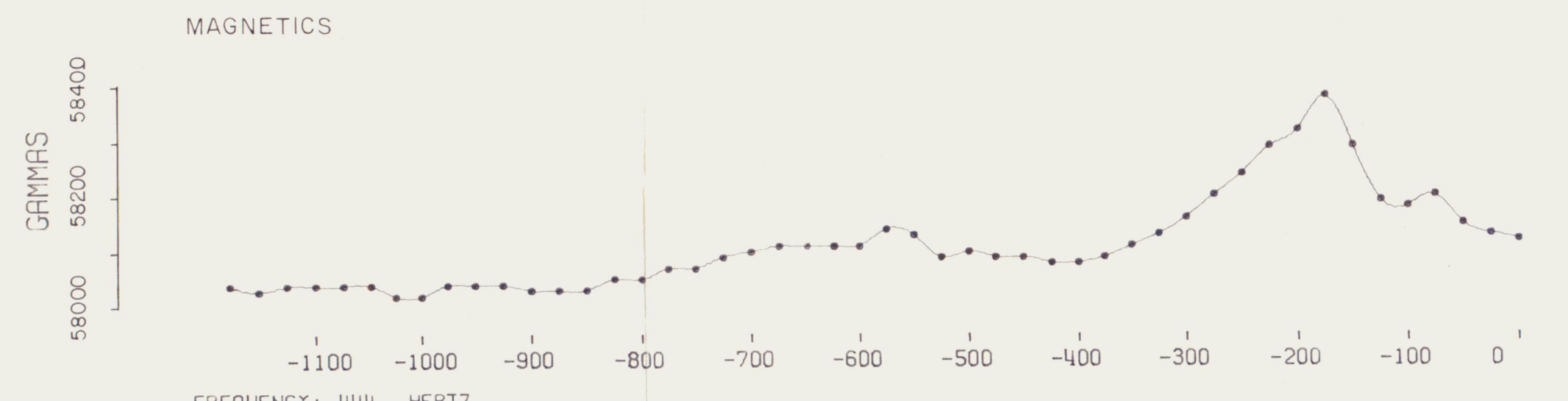
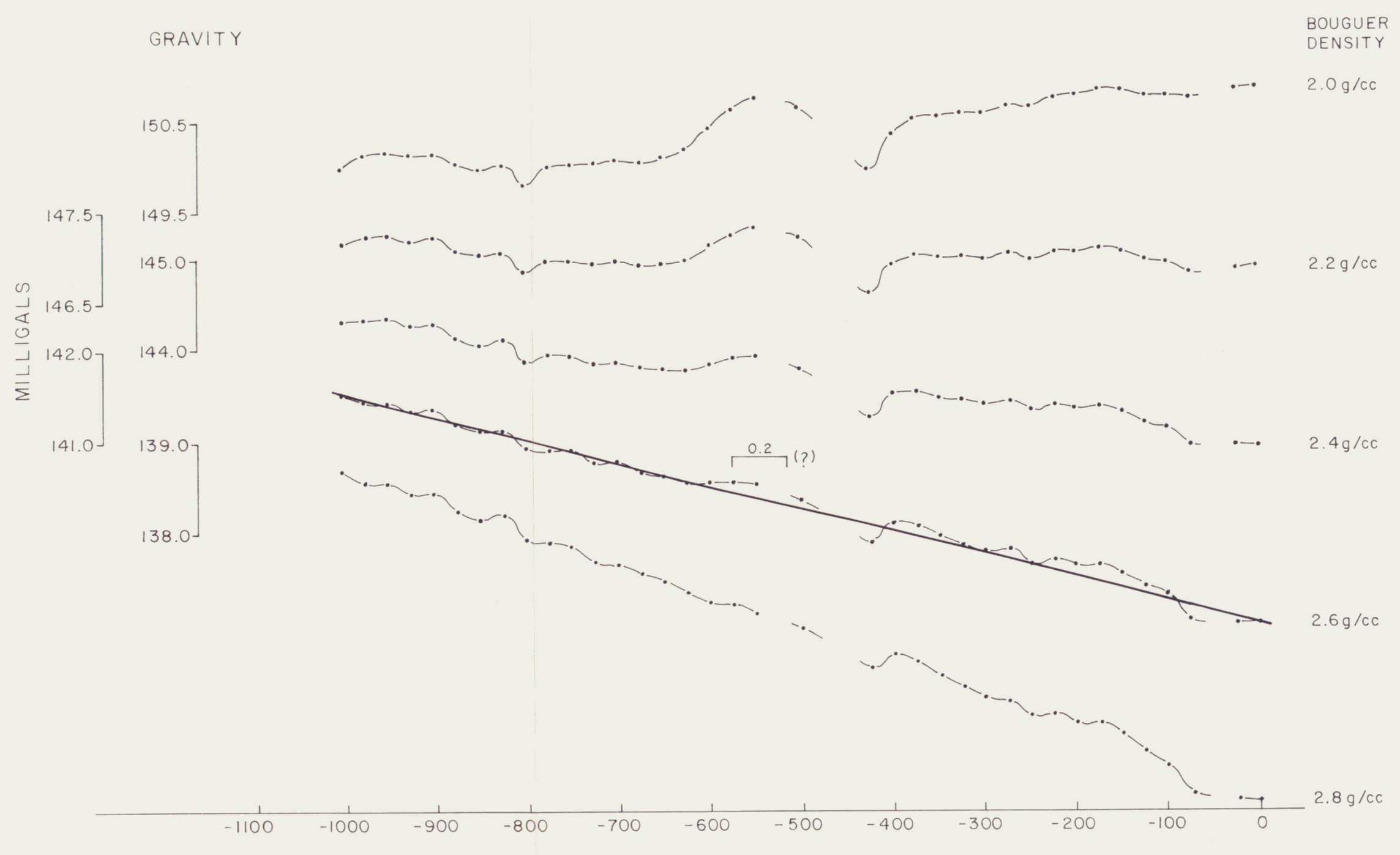
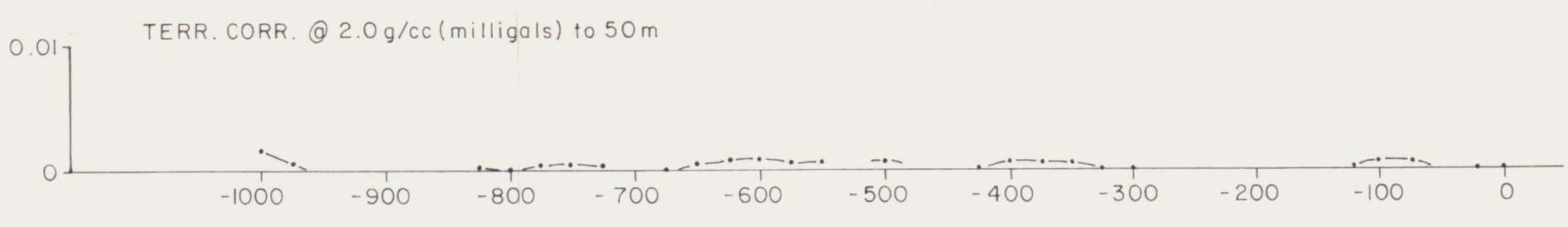
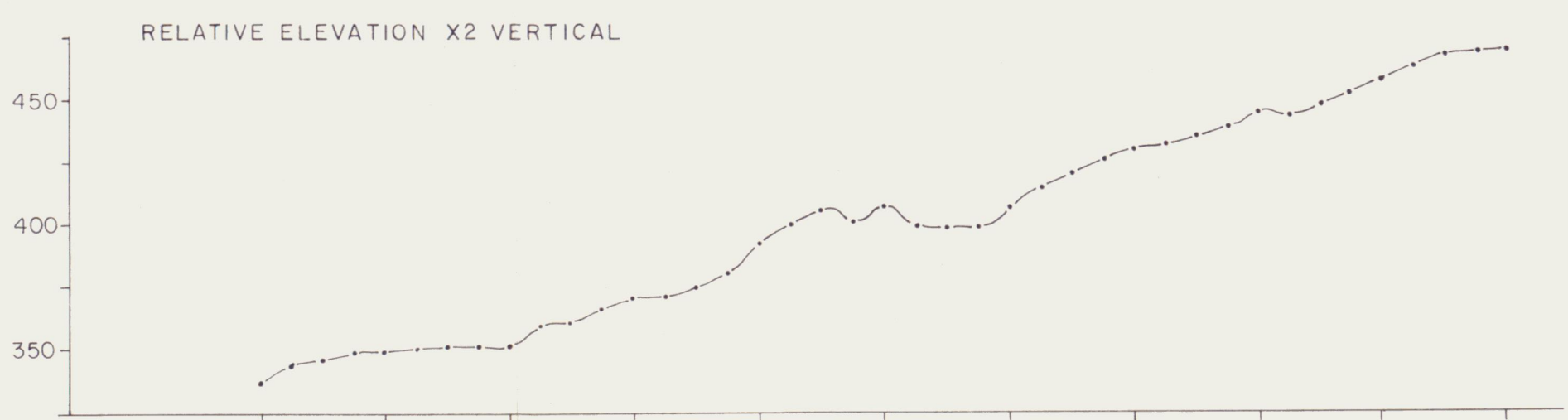
091461
 0.1.1.31

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SELWYN PROJECT

BUM GRID LINE 800 W

geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 14



SELWYN PROJECT -- BUM GRID LINE 1200 WEST



LEGEND

- Broad HLEM Conductor (1/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Residual Gravity High and Amplitude (milligals)

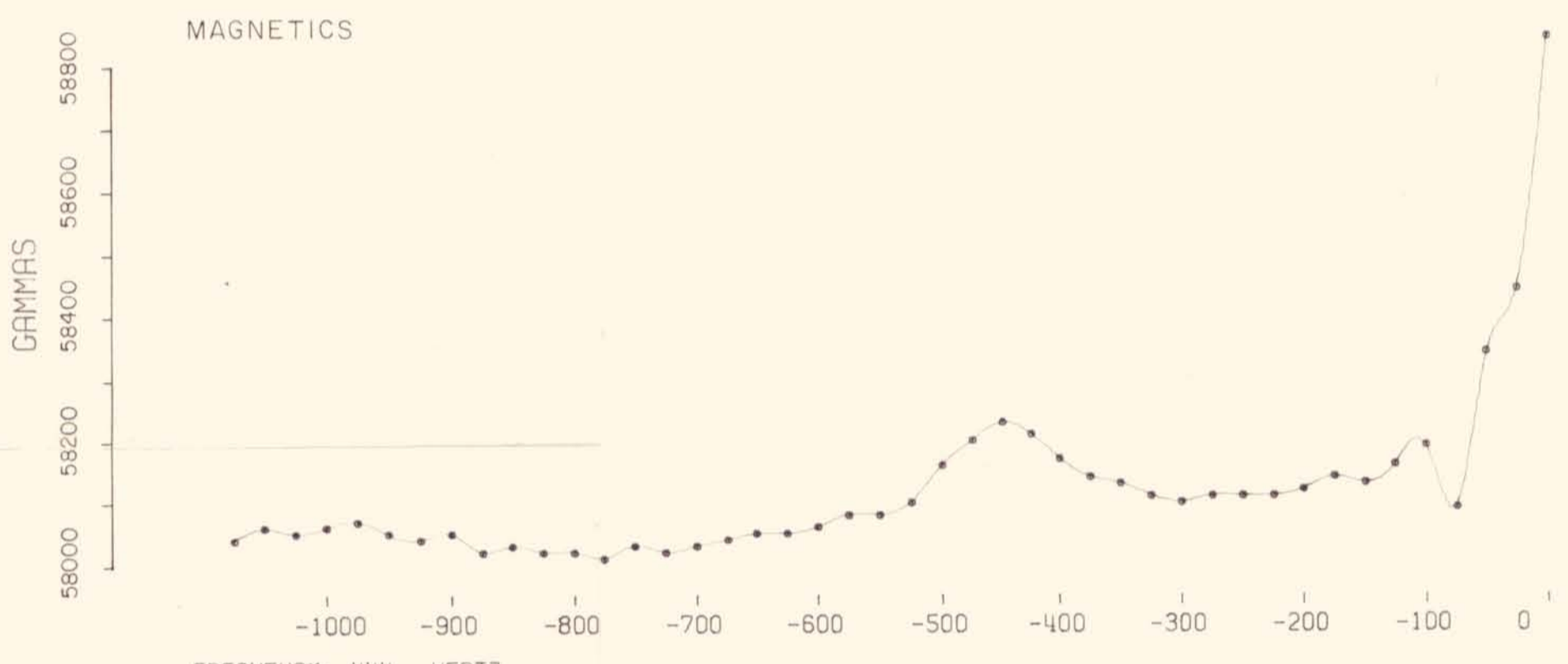
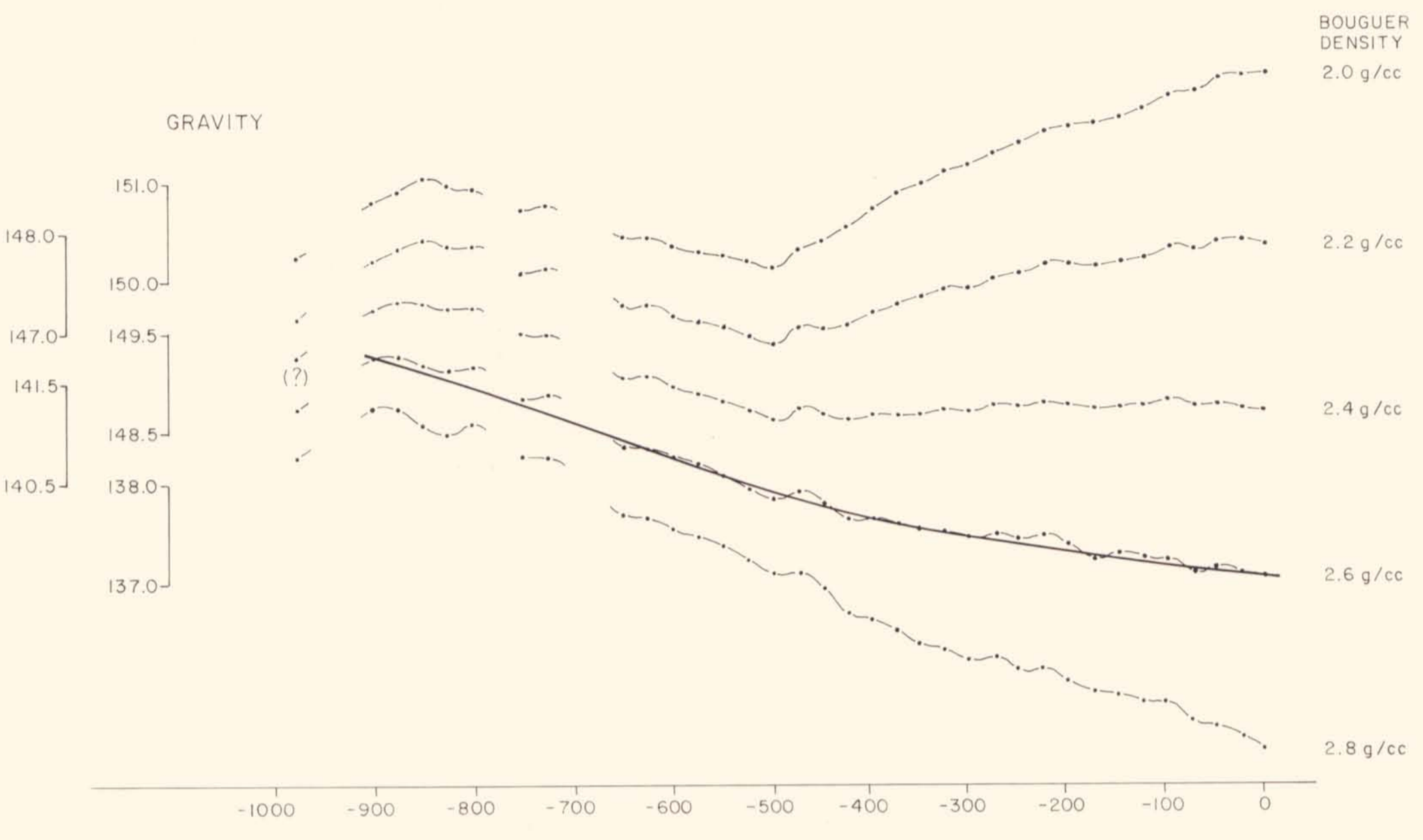
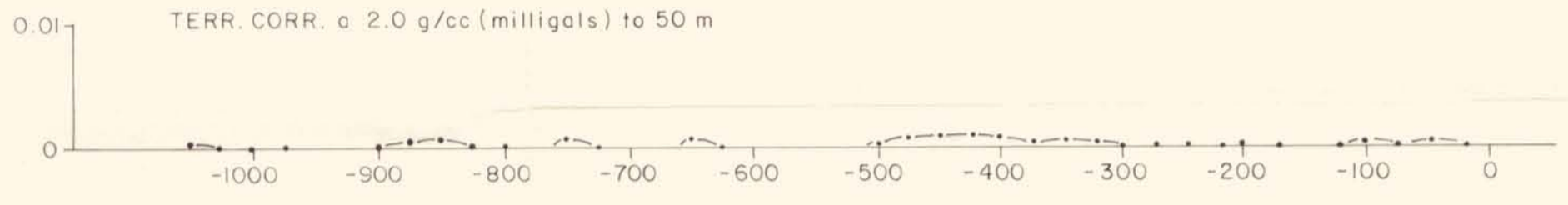
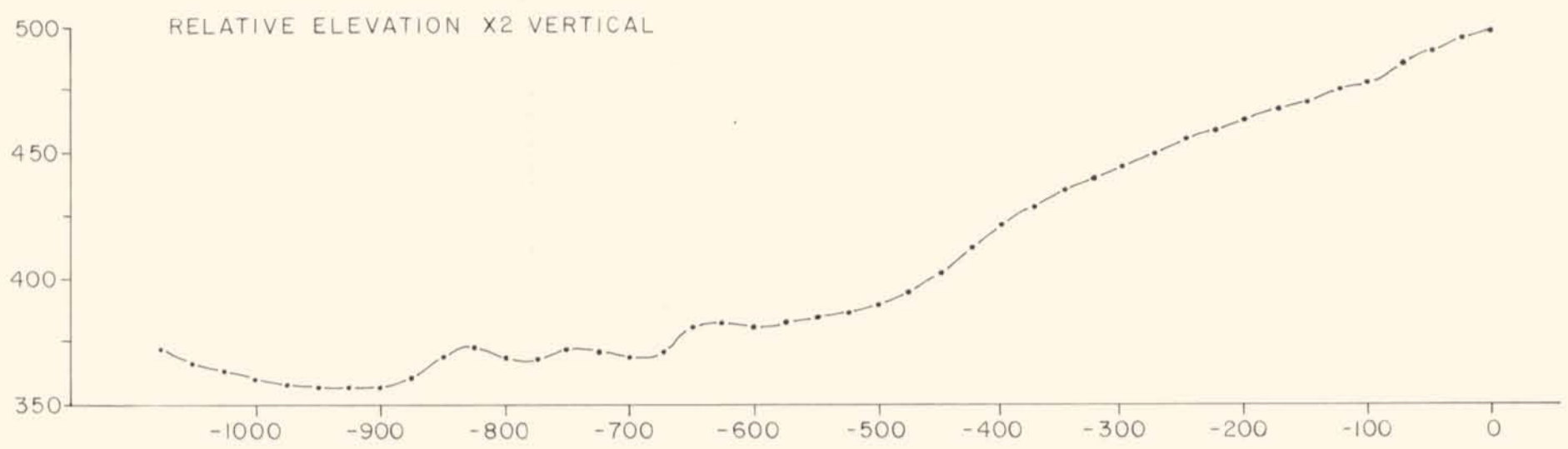
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

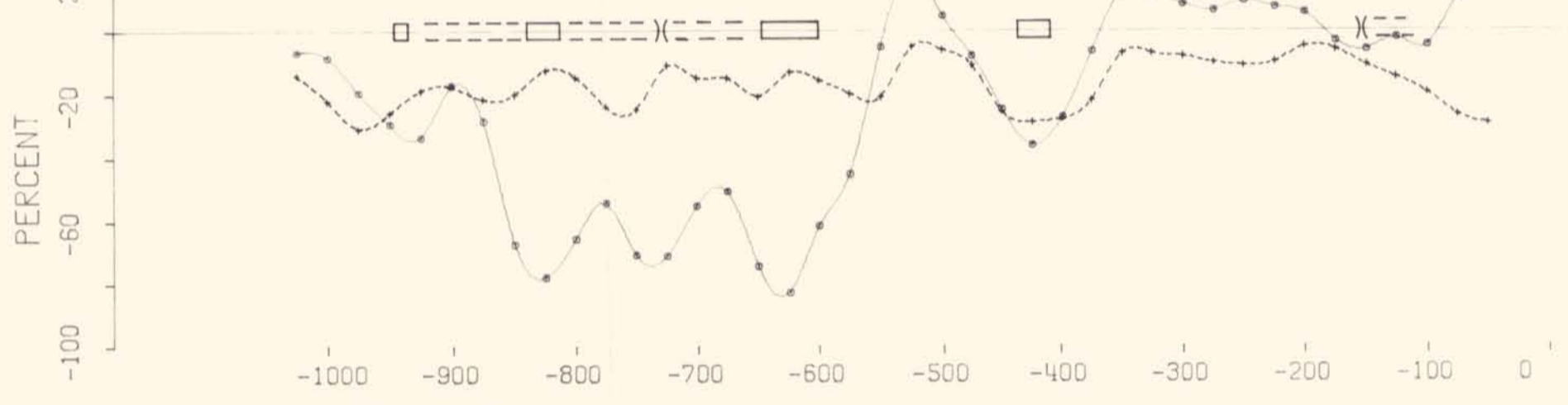
BUM GRID LINE 1200 W

geology by: A.S.	drawn by: D.M.C.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	drawing no. of 15

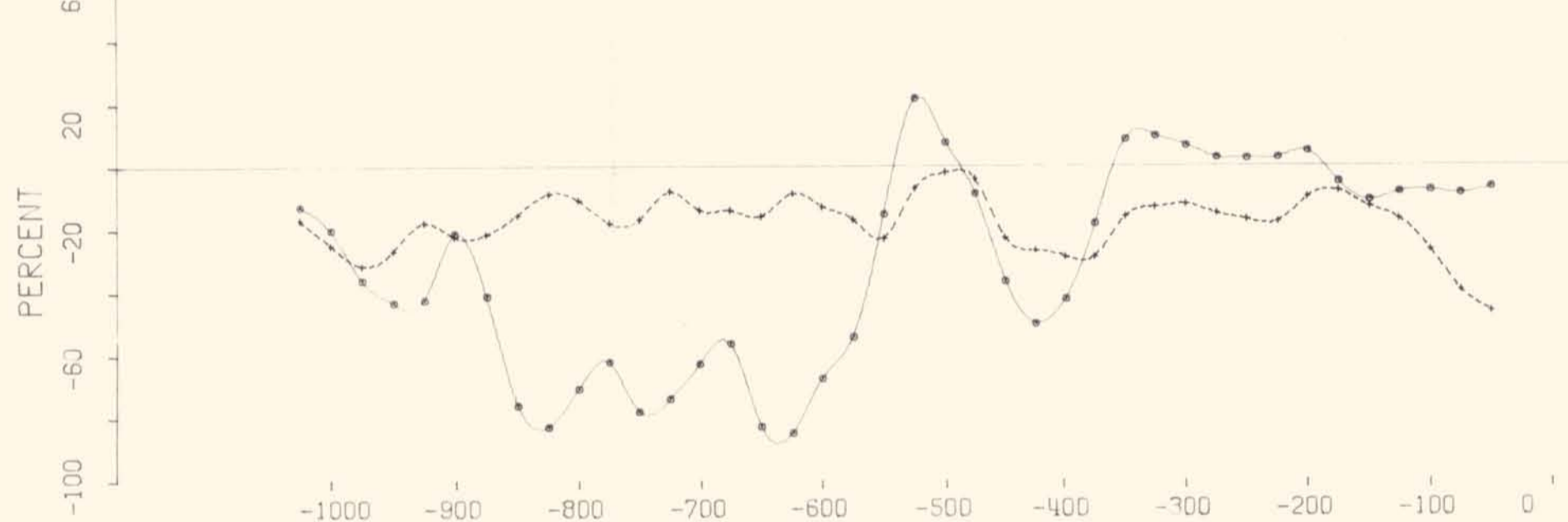
001461



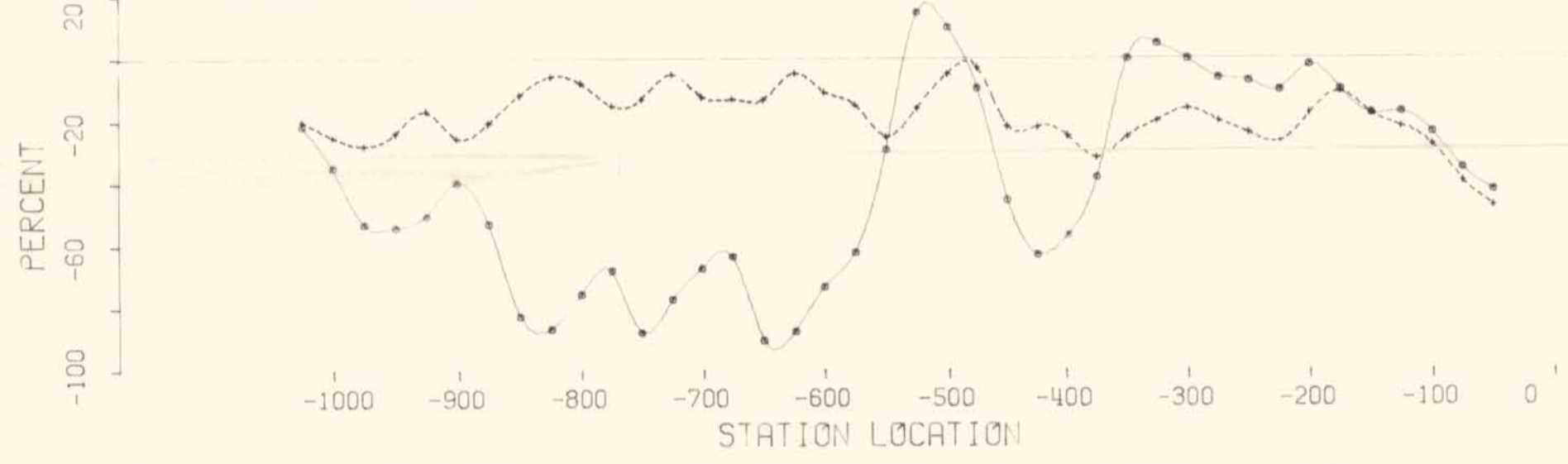
FREQUENCY: 444 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A - SPACING = 100 METERS



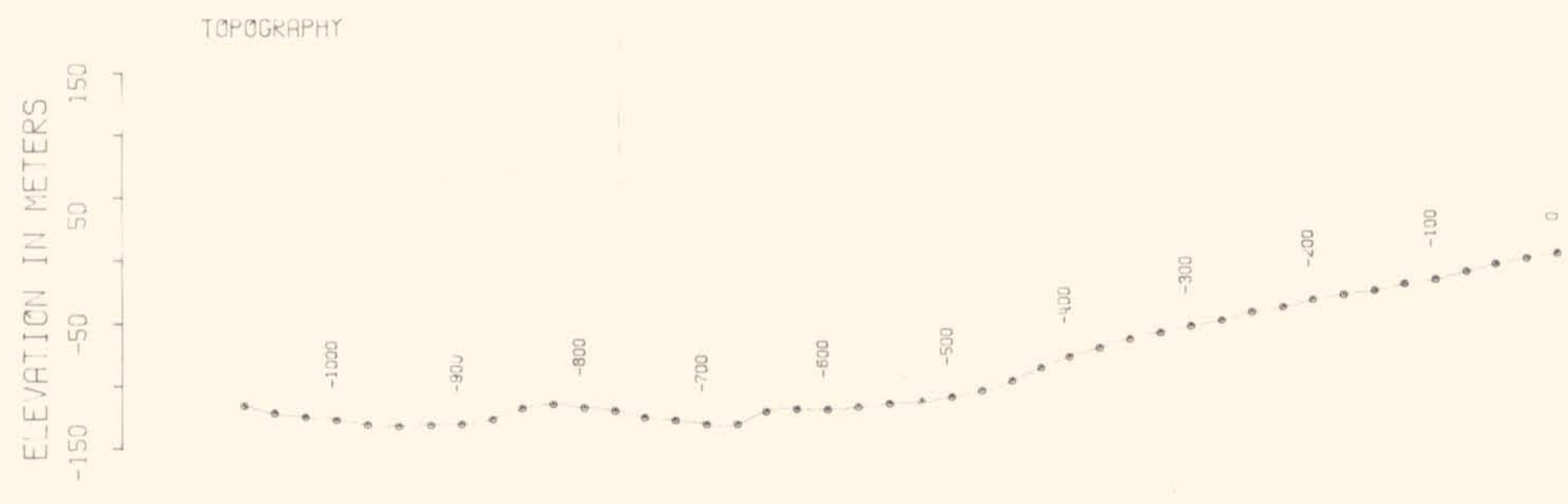
FREQUENCY: 888 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A - SPACING = 100 METERS

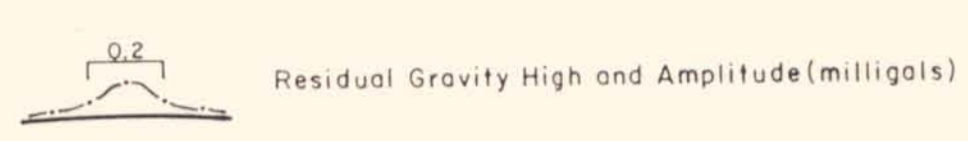


SELWYN PROJECT --- BUM GRID LINE 1600 WEST



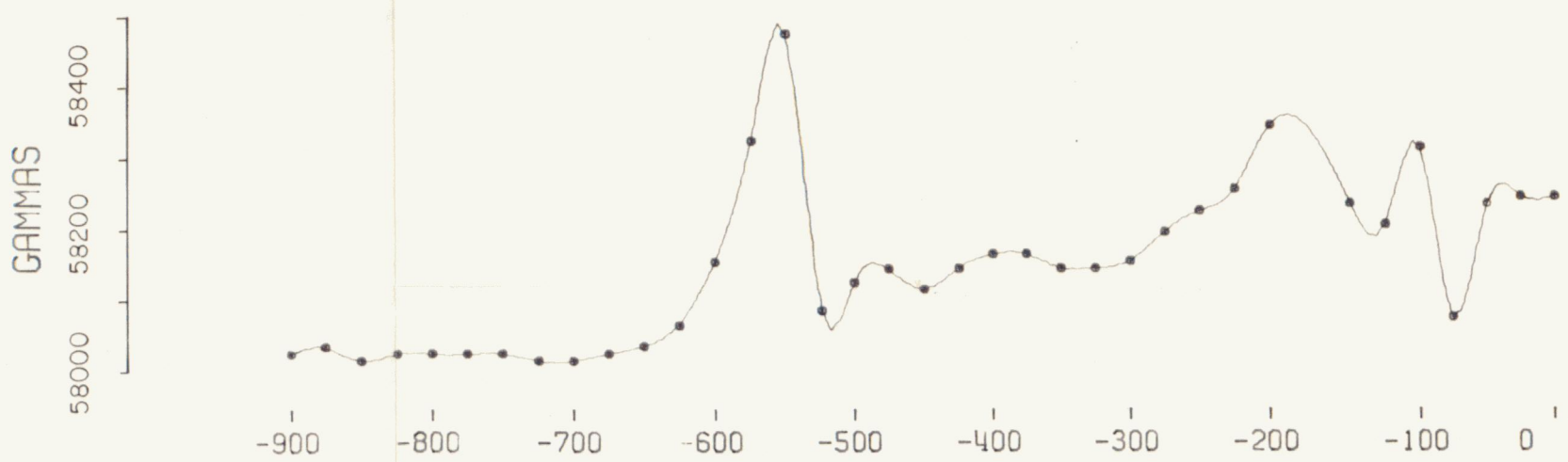
LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor

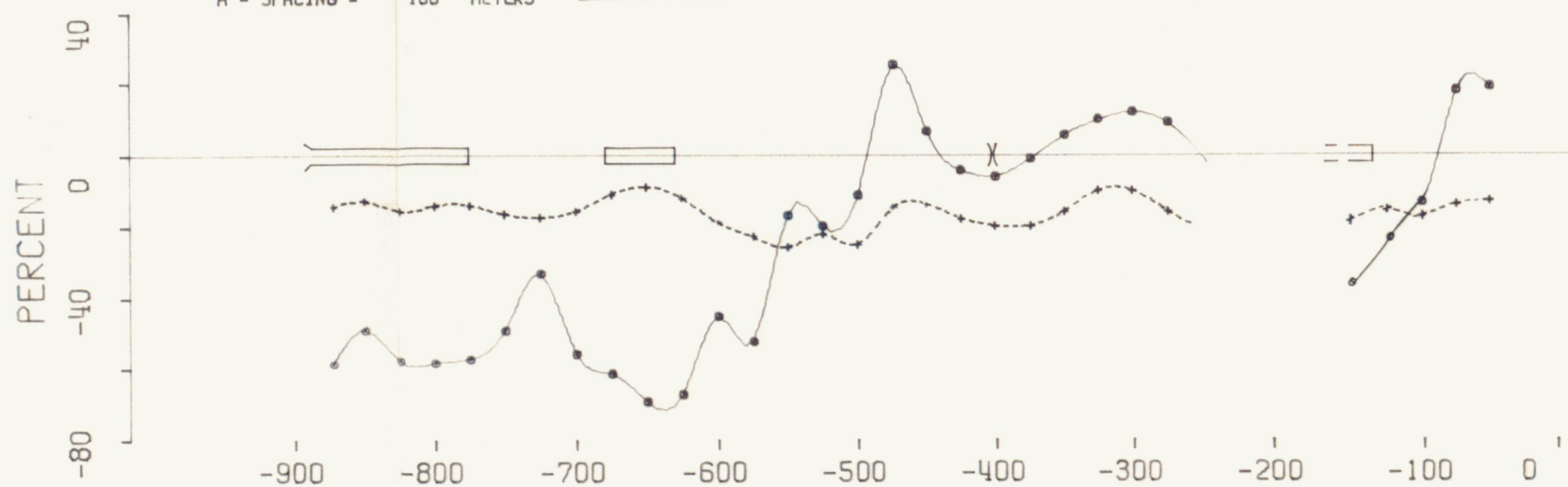


ANACONDA Canada Exploration Ltd. ▲		
SELWYN PROJECT		
BUM GRID LINE 1600 W		
geology by: A.S.	drawn by: E W	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	drawing no. 16

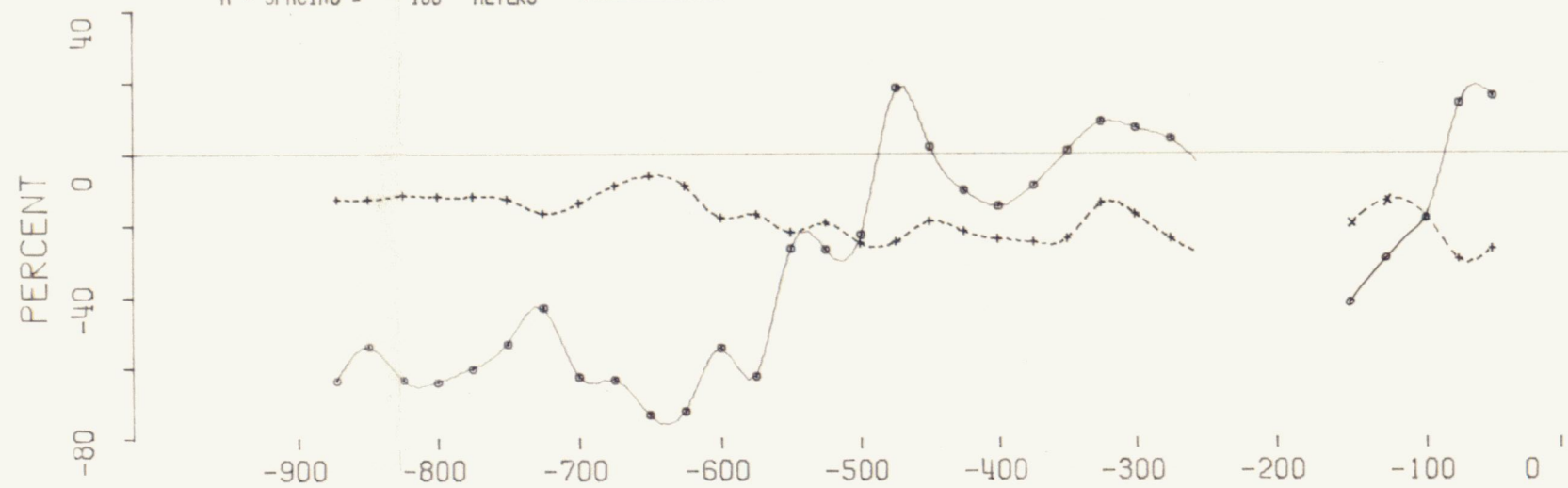
MAGNETICS



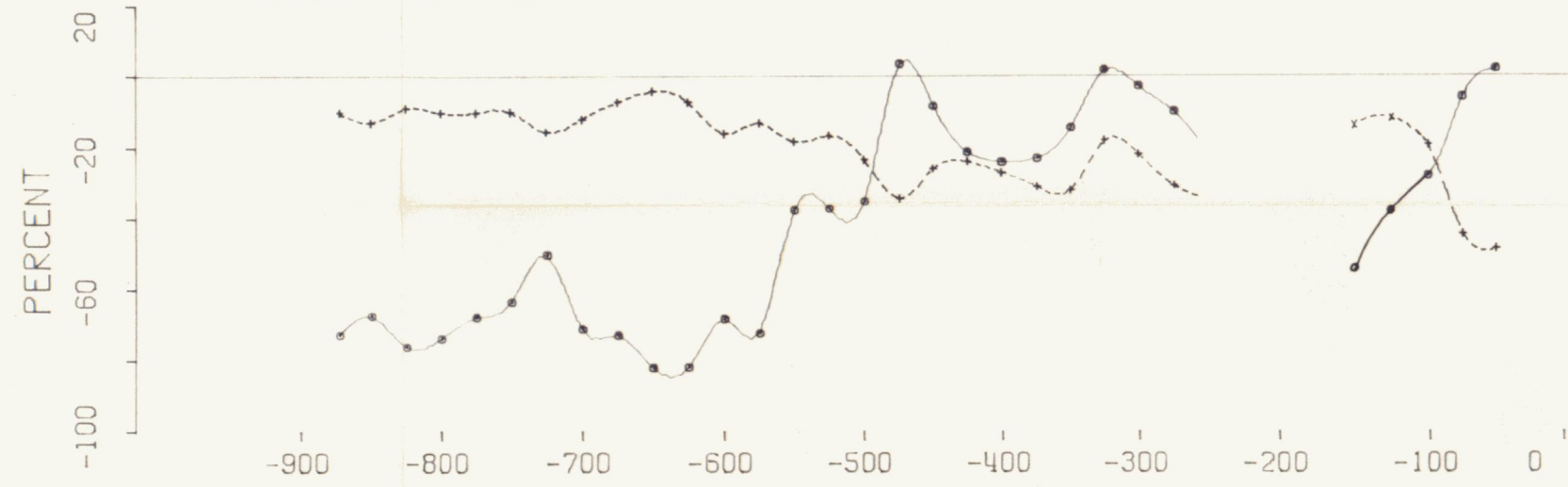
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



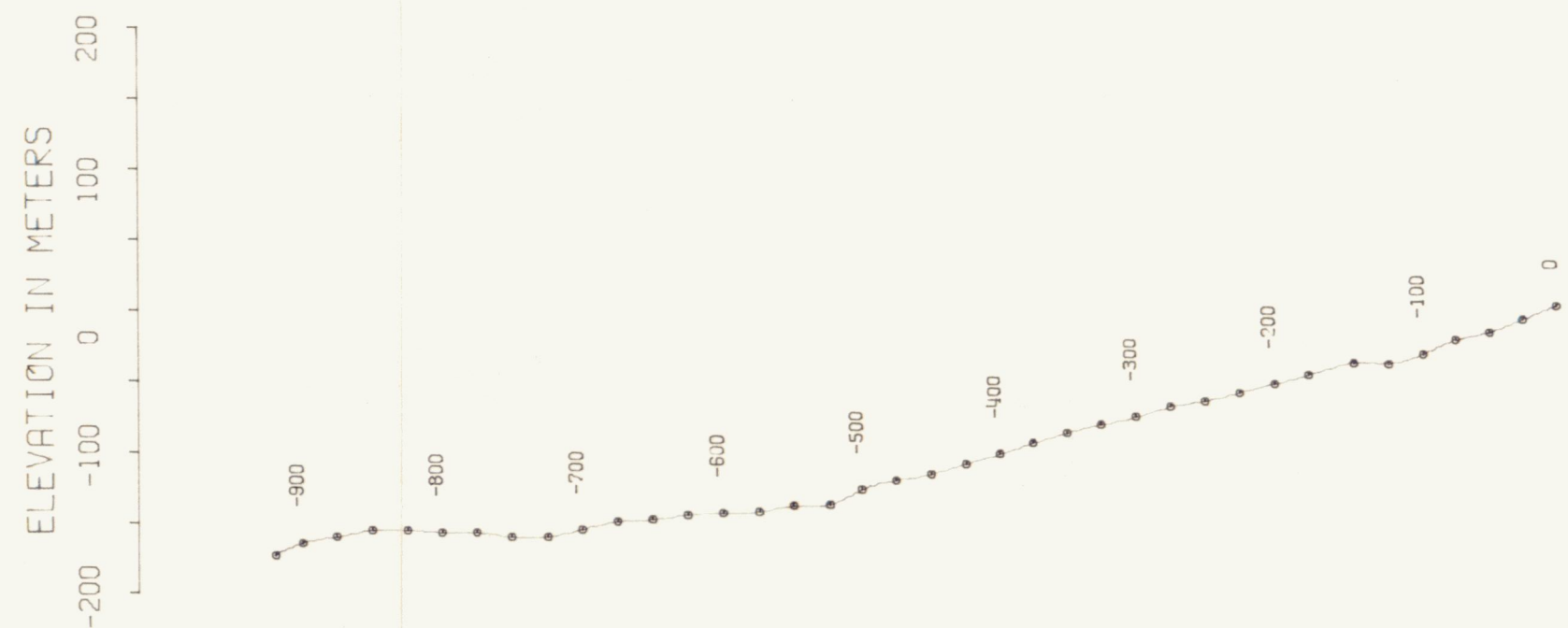
FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



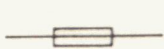
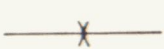
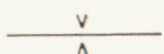
STATION LOCATION


SELWYN PROJECT -- BUM GRID LINE 1800 WEST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P a 444 Hz)
-  Narrow HLEM Conductor (I/P a 444 Hz)
-  Weak HLEM Conductor

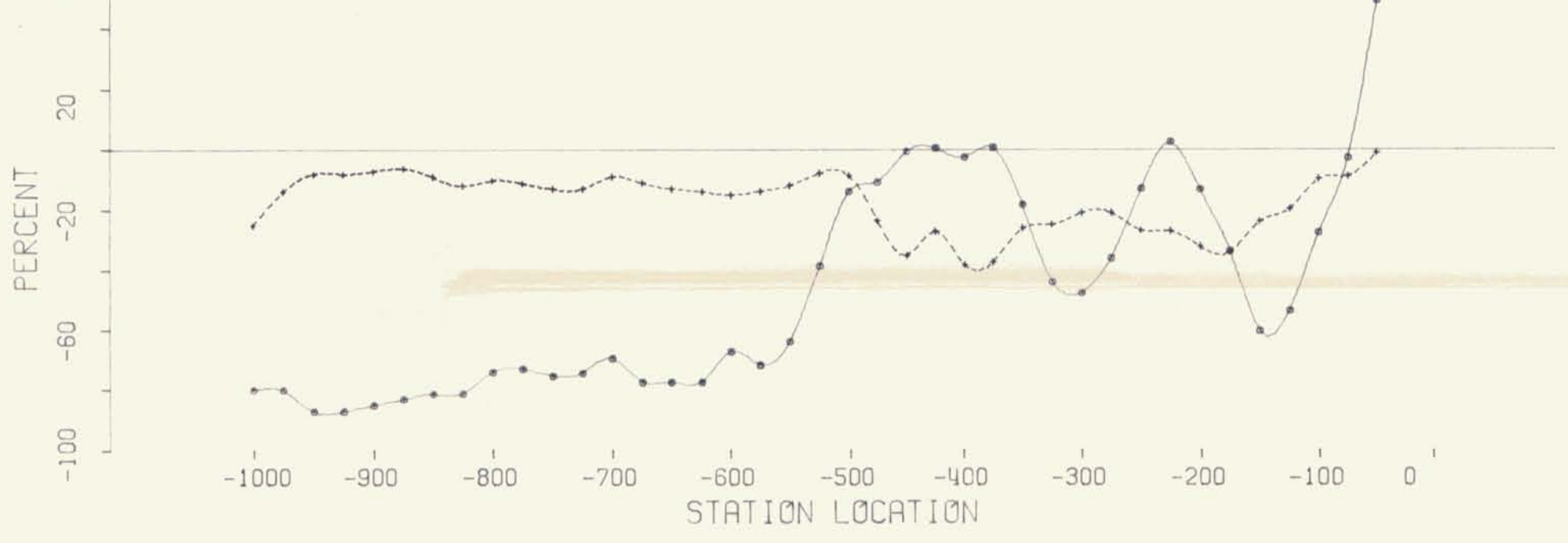
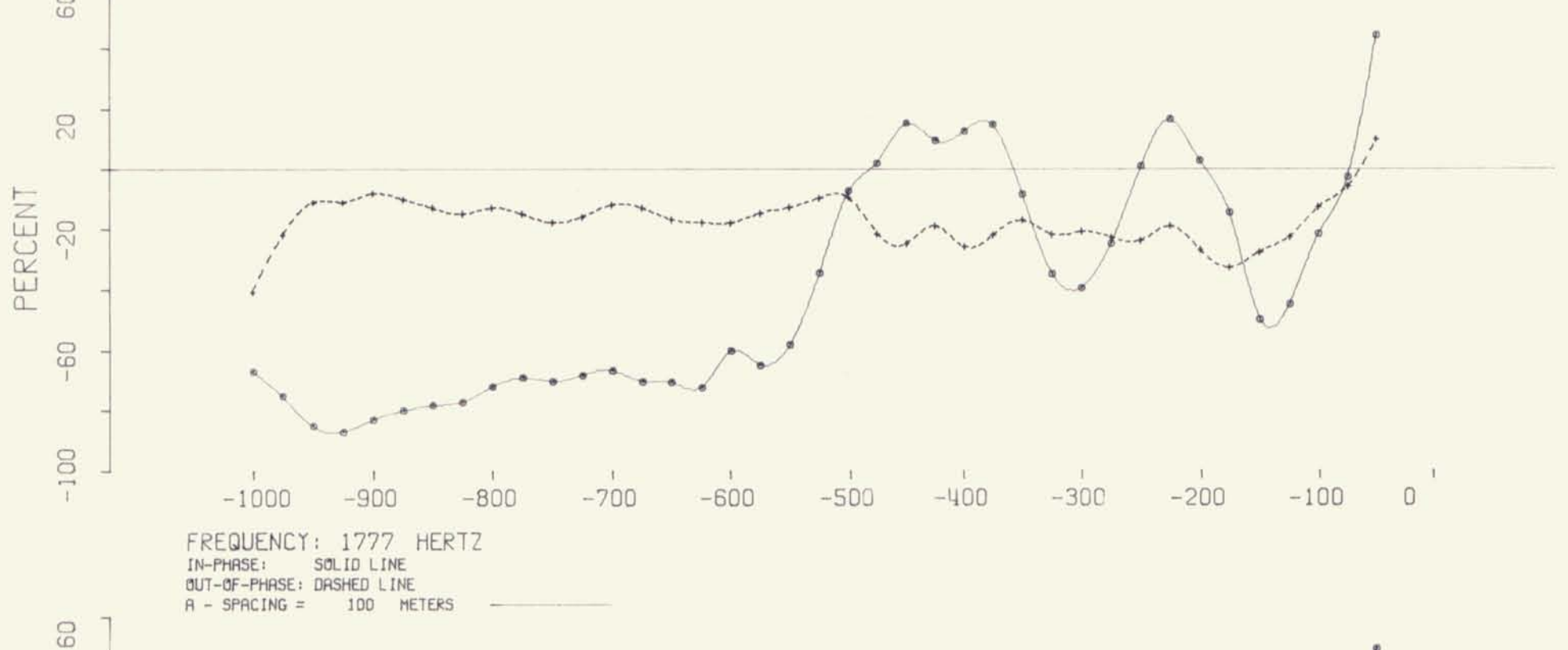
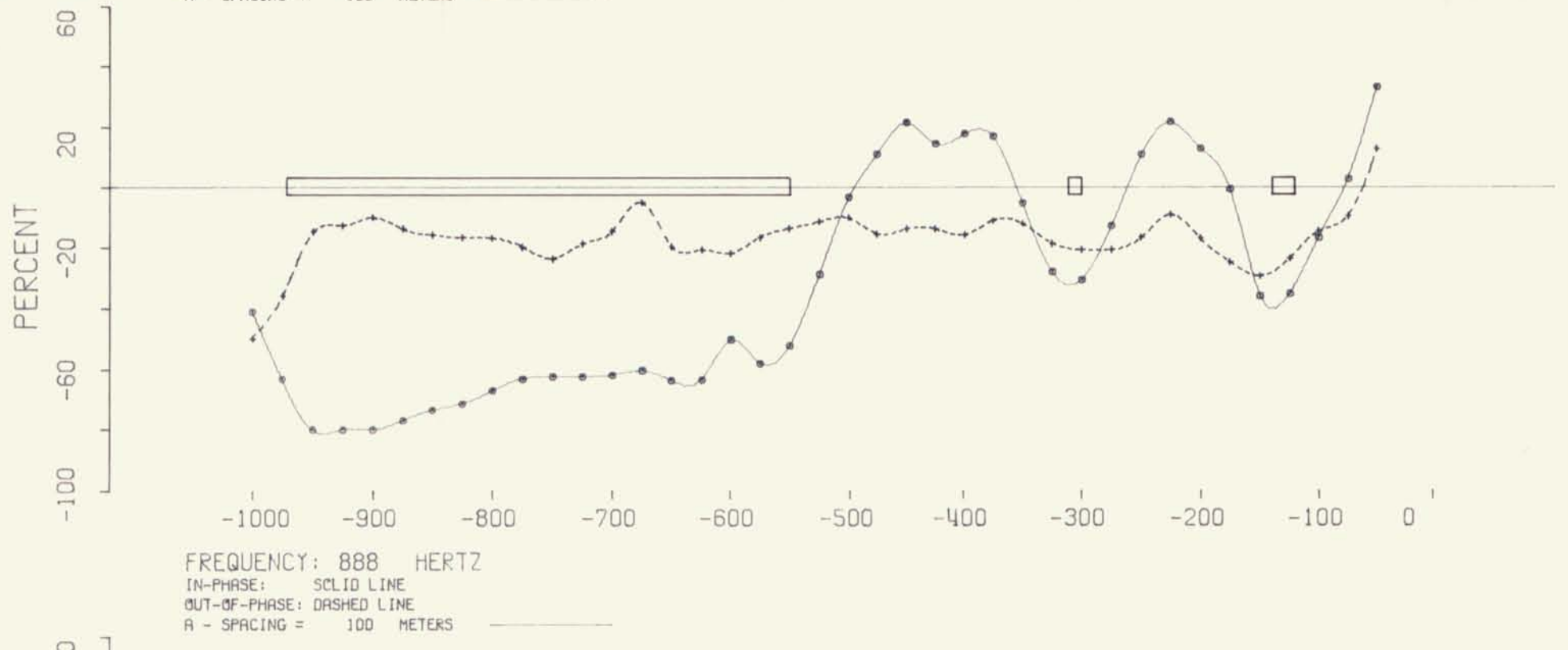
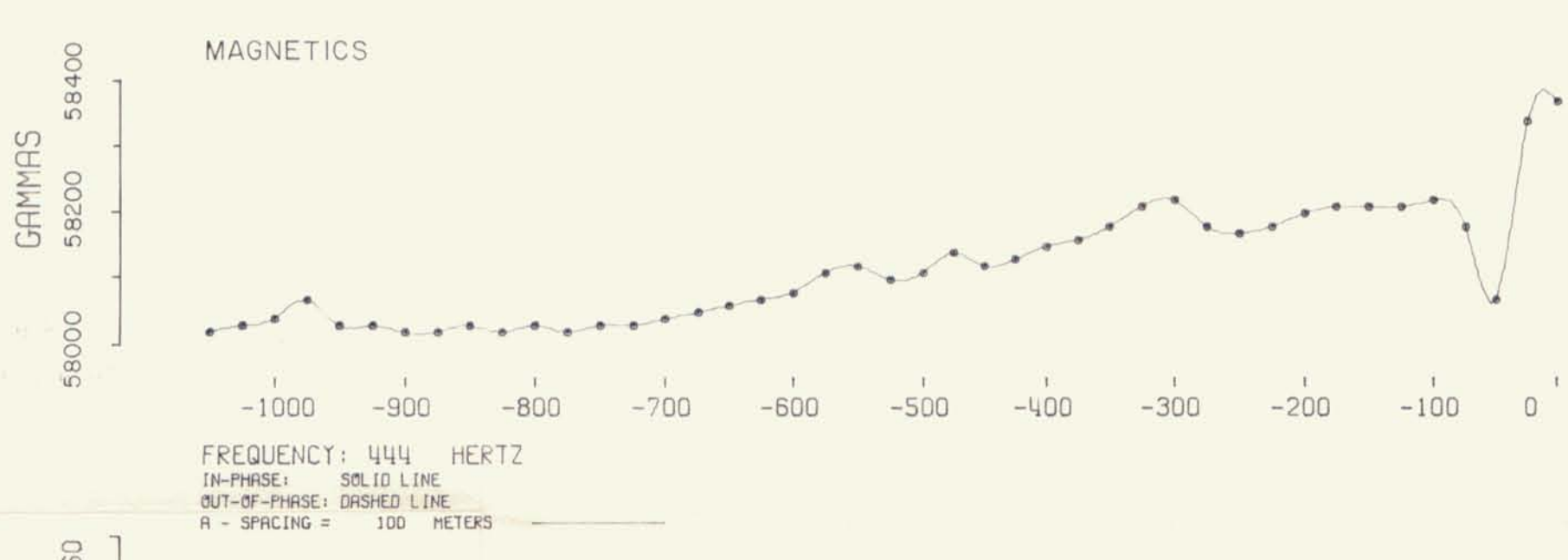
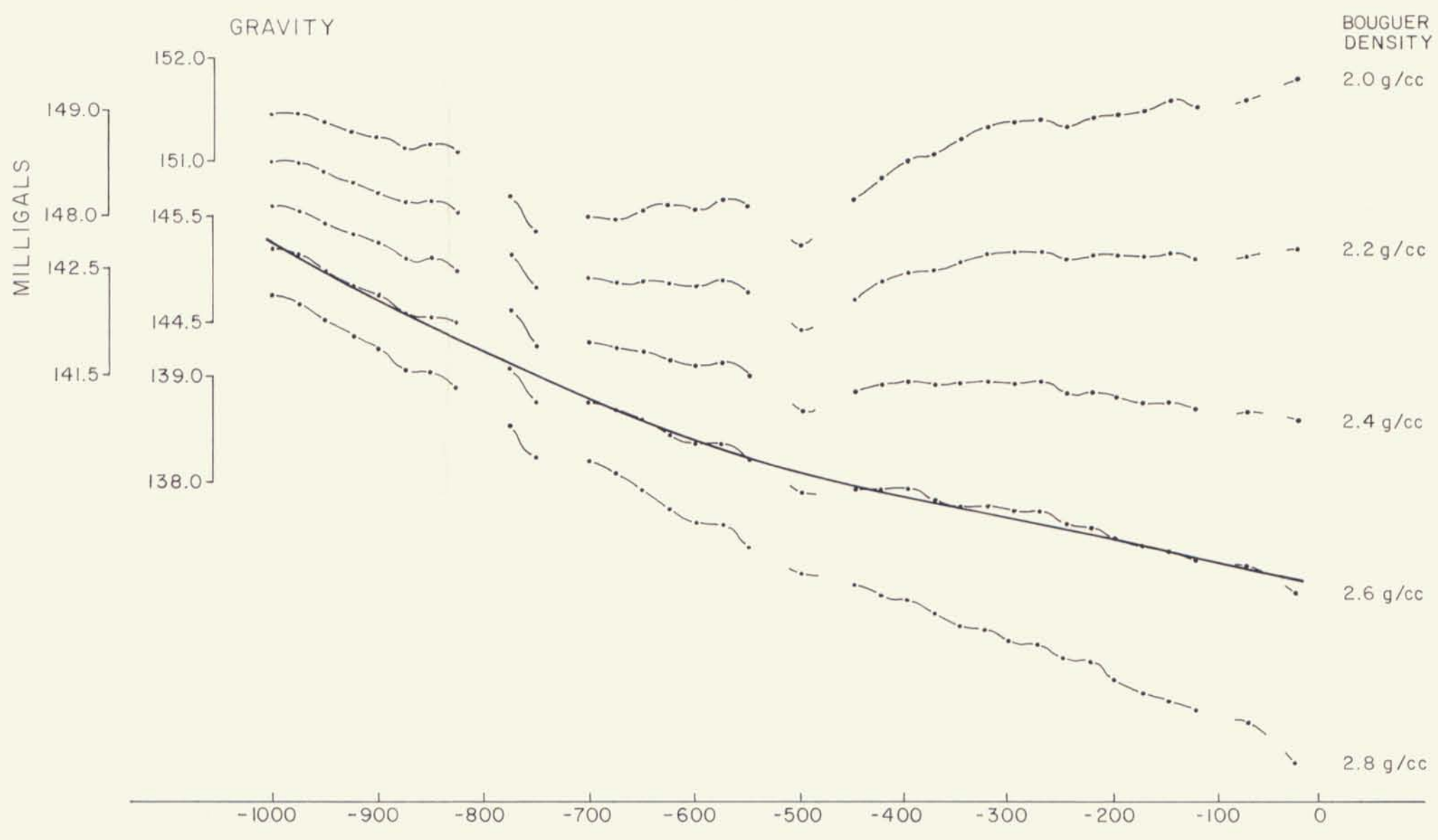
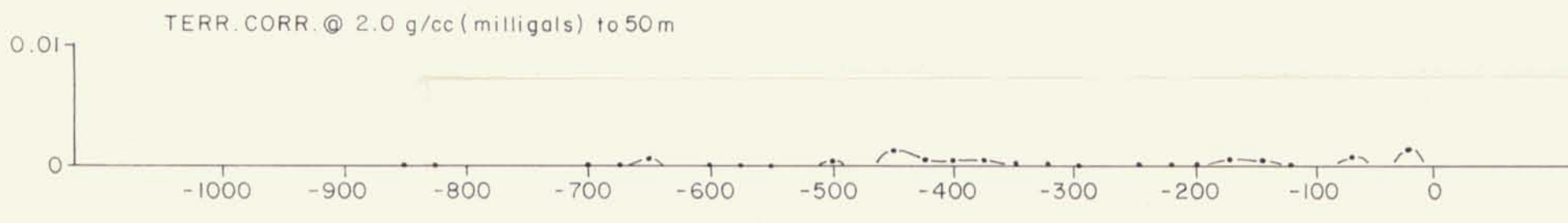
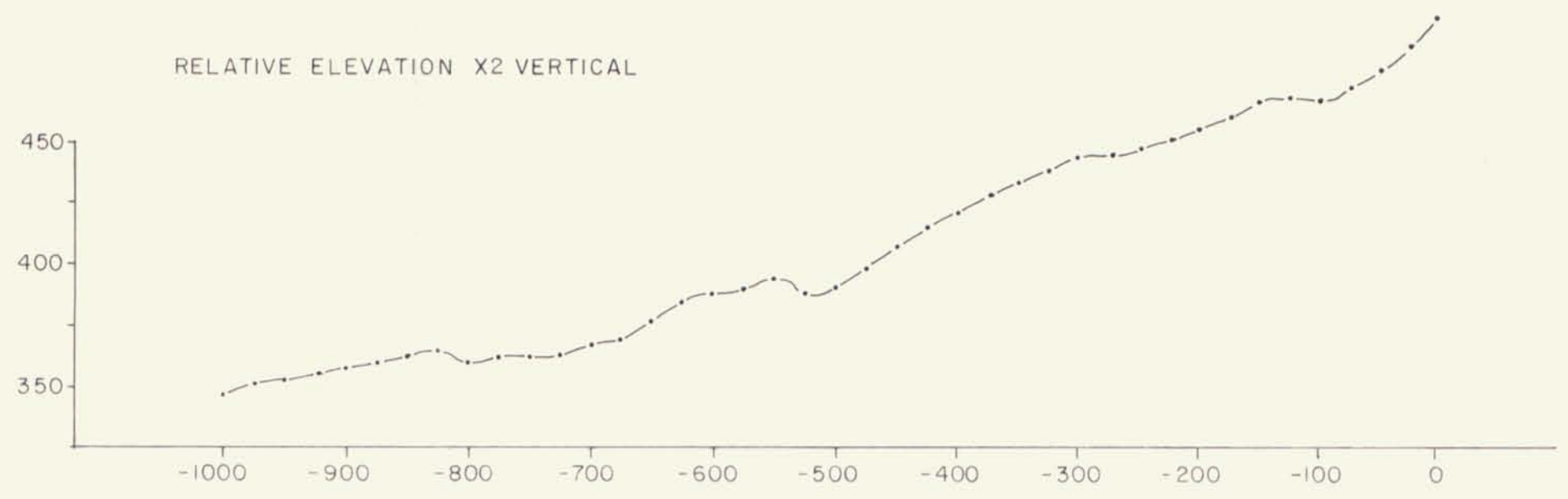
ANACONDA Canada Exploration Ltd. 

SELWYN PROJECT

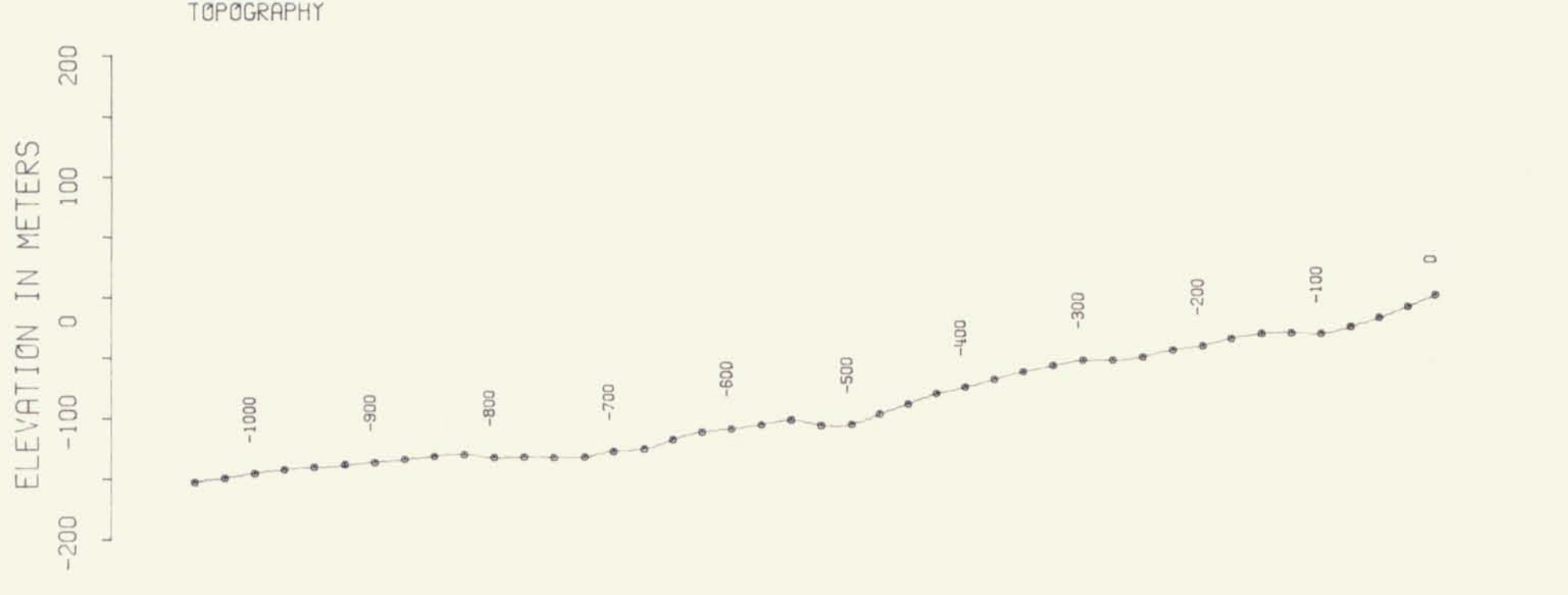
BUM GRID LINE 1800 W

geology by: A. S.	drawn by: E. W.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	fig./proj. no. 17

091461



SELWYN PROJECT -- BUM GRID LINE 2000 WEST



- LEGEND**
- Broad HLEM Conductor (1/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor



ANACONDA Canada Exploration Ltd.

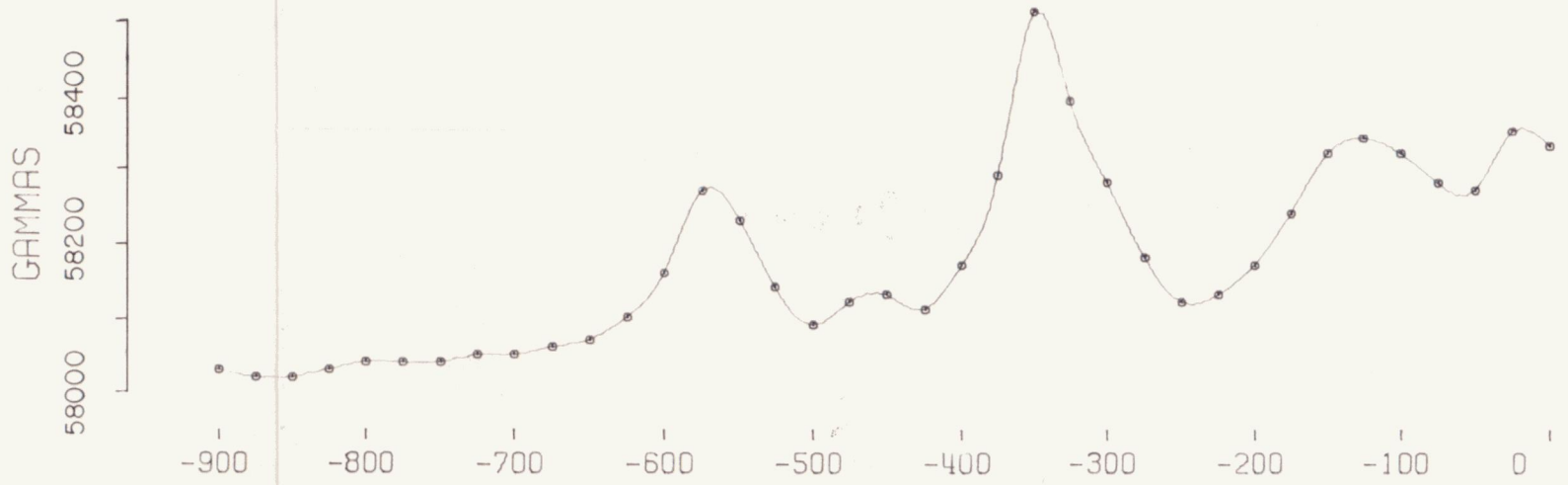
SELWYN PROJECT

BUM GRID LINE 2000 W

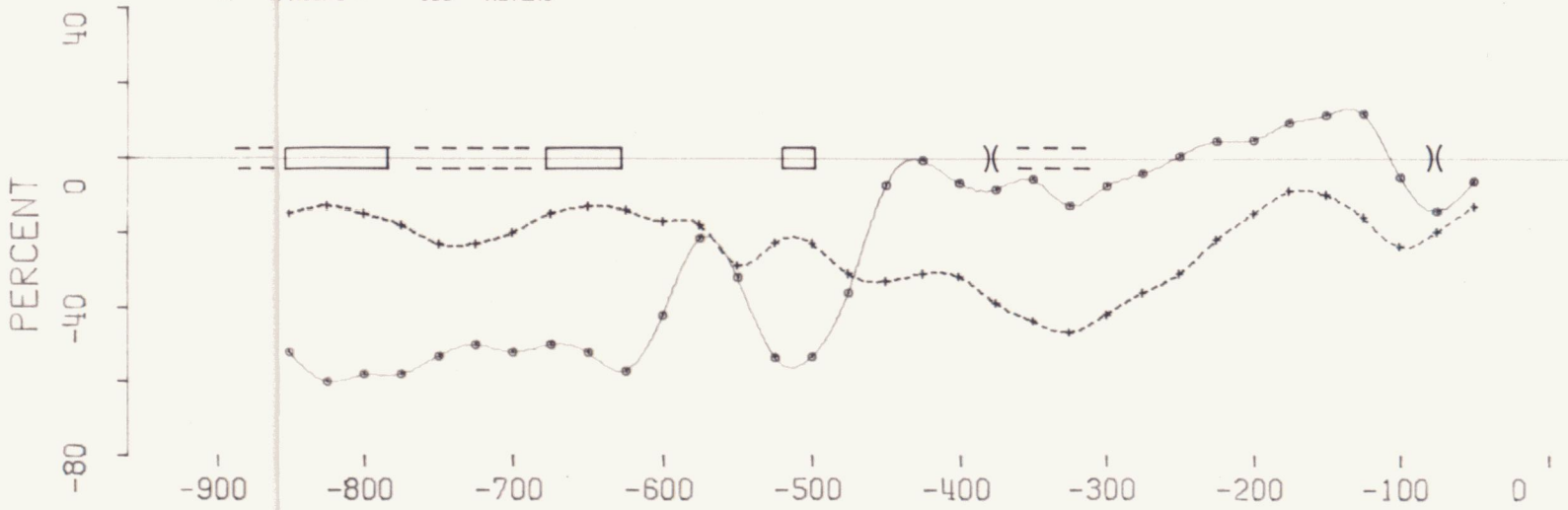
geology by: A. S.	drawn by: D. C.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	drawing no. 18

091461

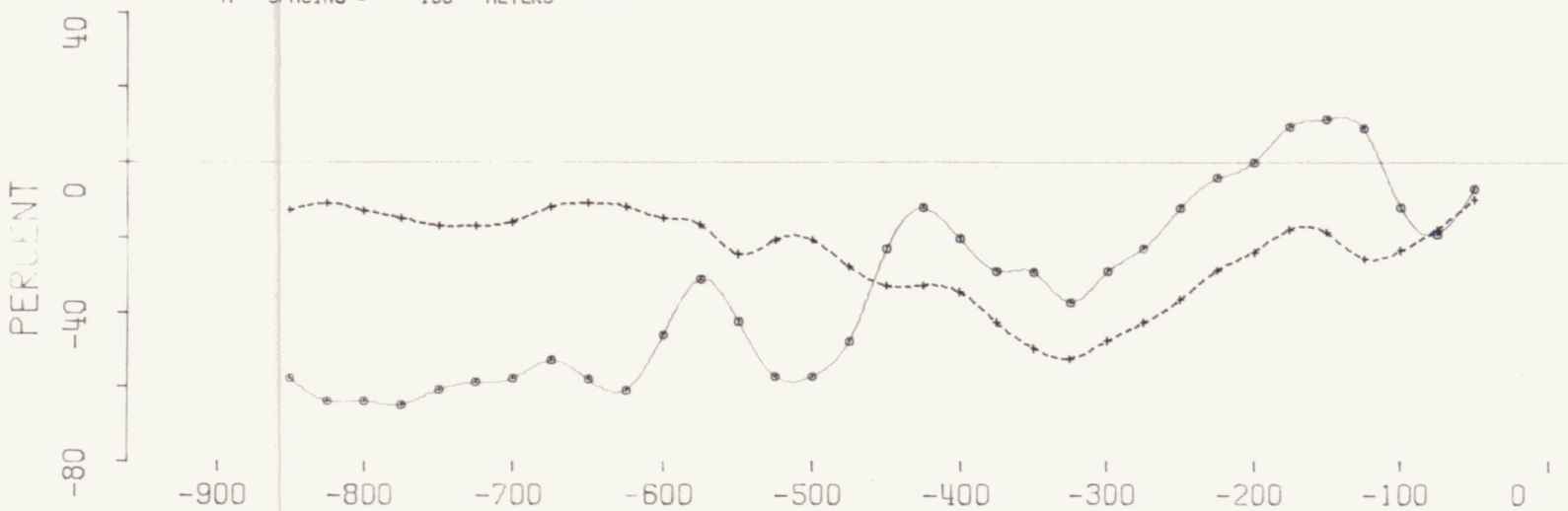
MAGNETICS



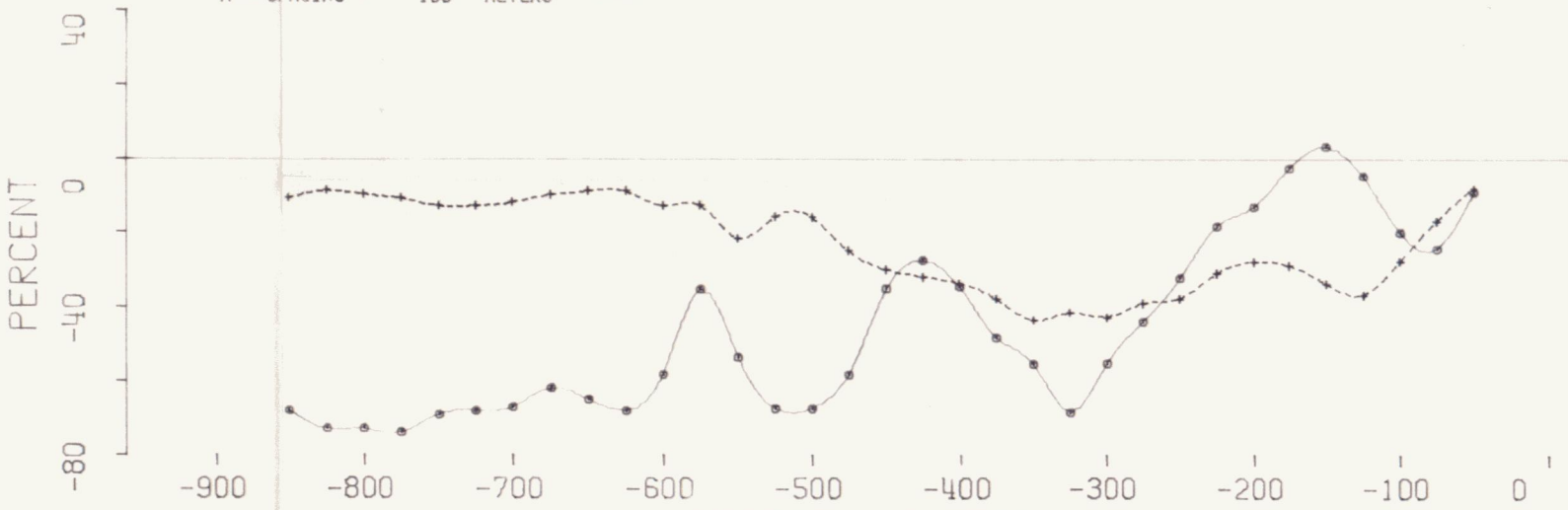
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

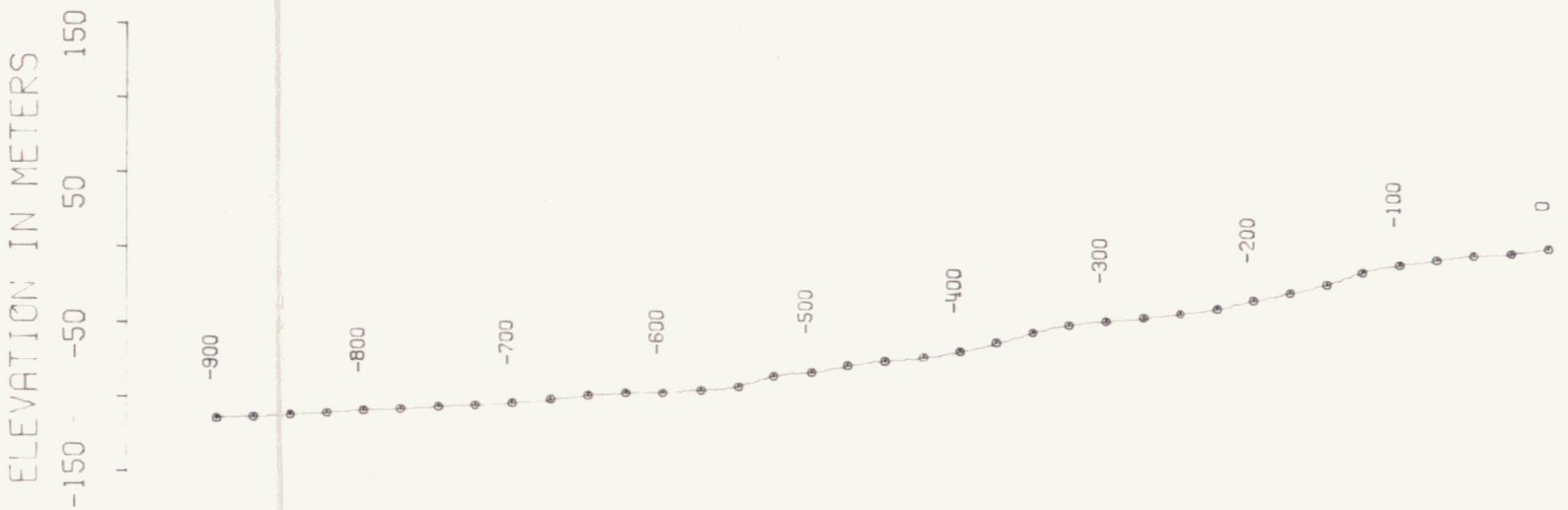


FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

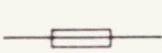

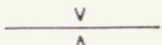


SELWYN PROJECT -- BUM GRID LINE 2200 WEST


TOPOGRAPHY

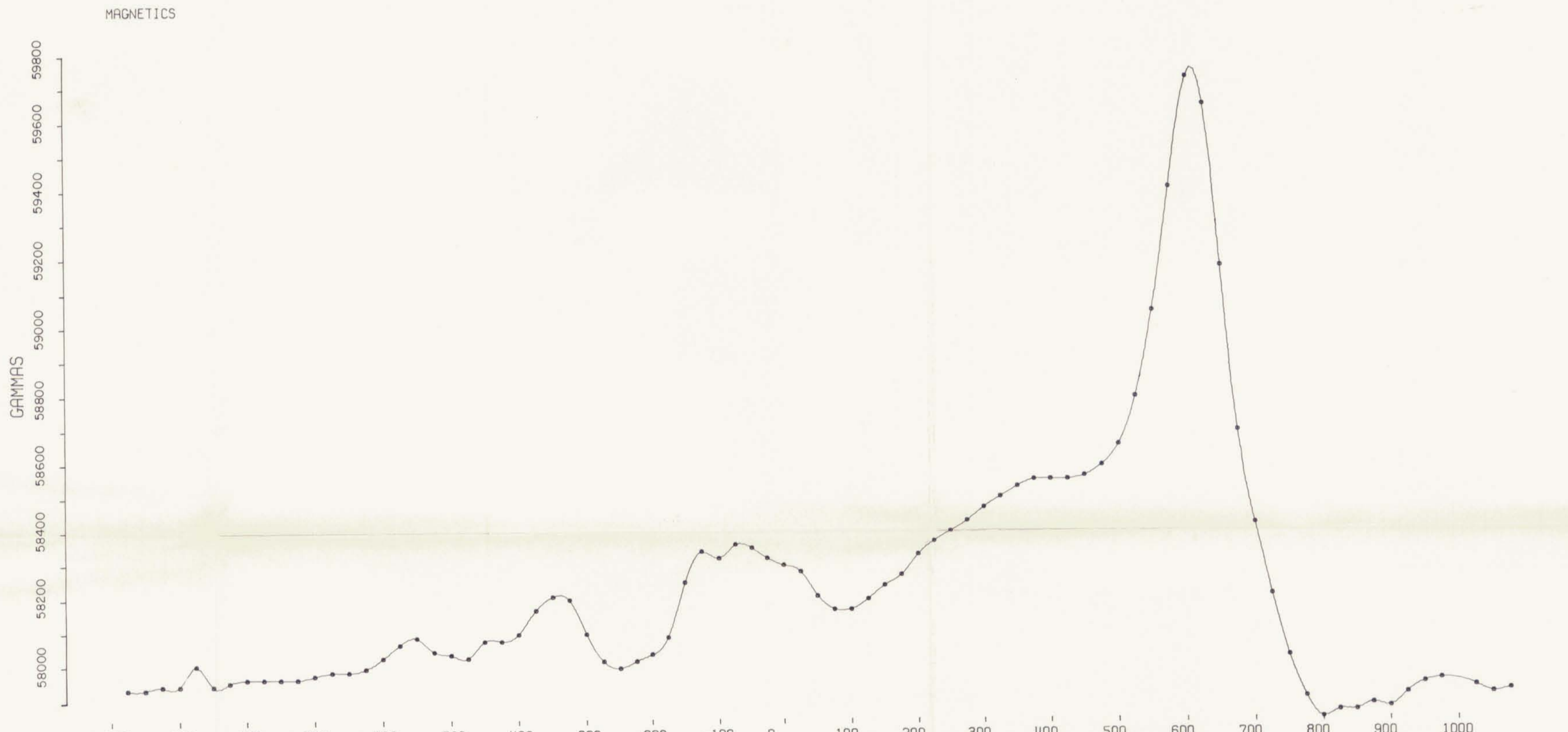
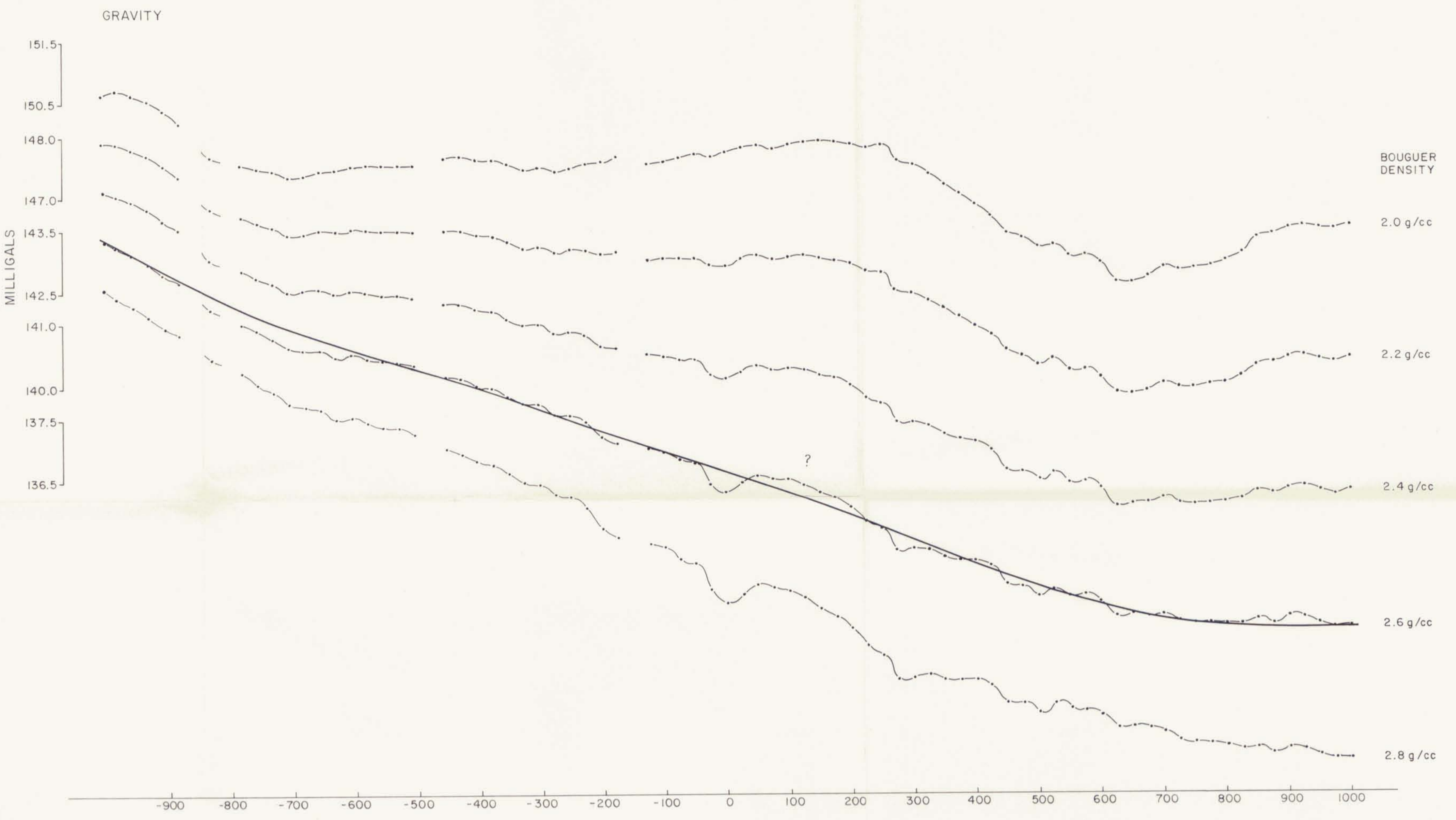
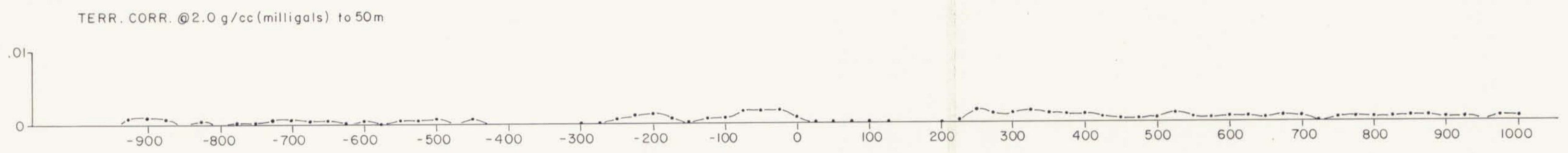
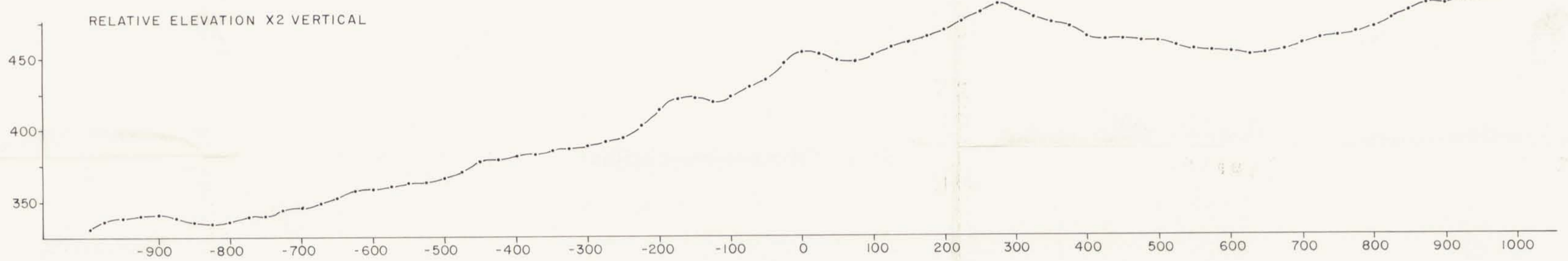


LEGEND

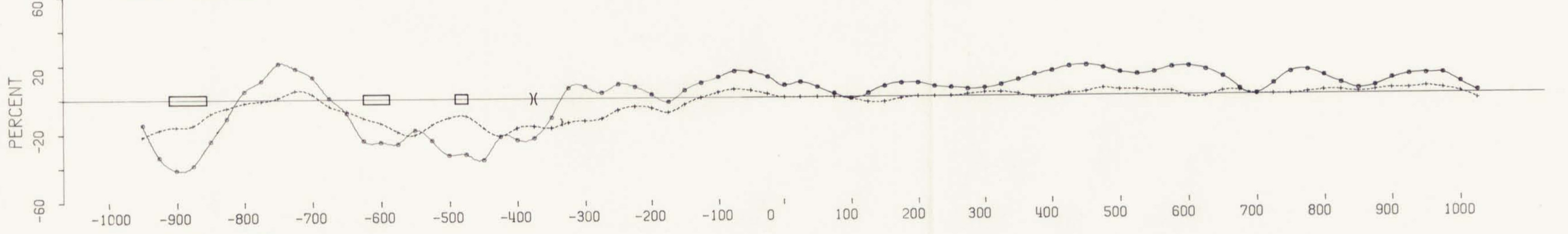
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-  Narrow HLEM Conductor (I/P a 444 Hz)
-  Weak HLEM Conductor

461
 091461

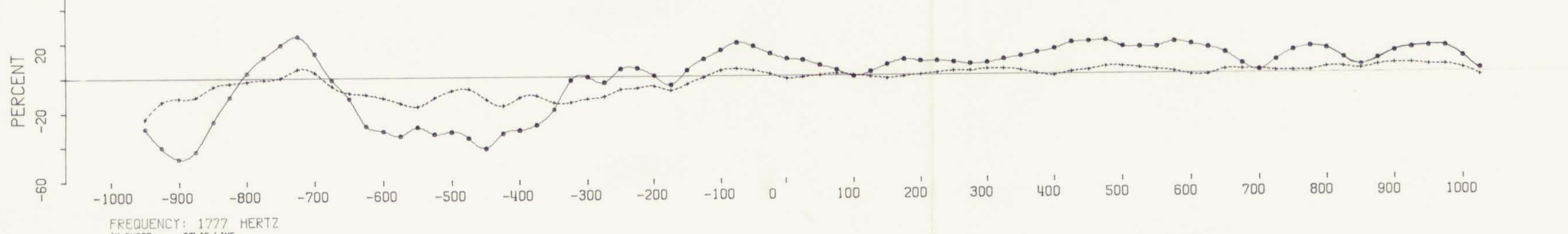
ANACONDA Canada Exploration Ltd. 		
SELWYN PROJECT		
BUM GRID LINE 2200 W		
geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 19



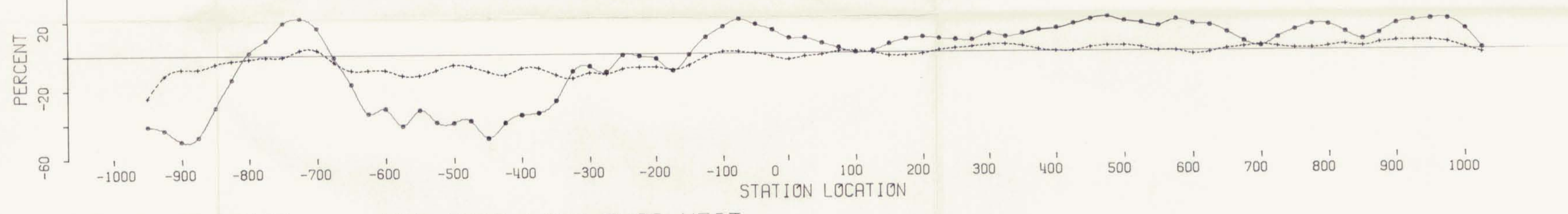
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 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



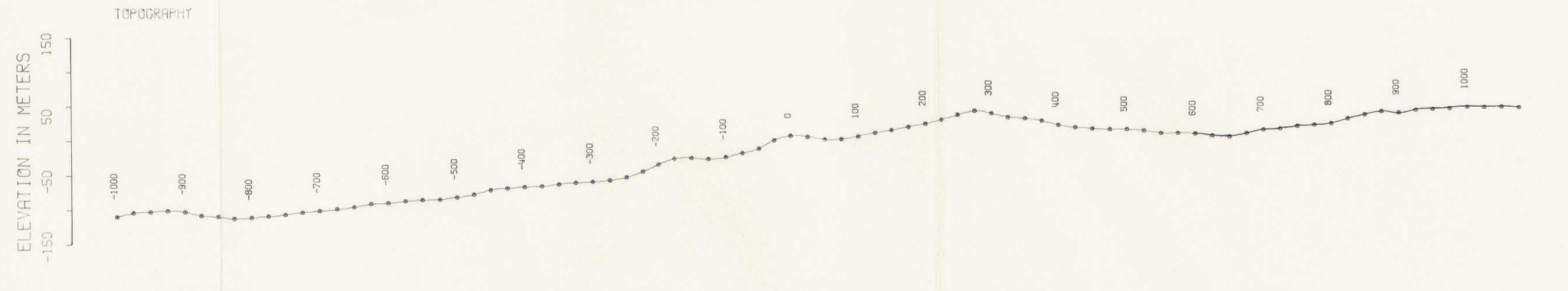
FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



SELWYN PROJECT -- BUM GRID LINE 2400 WEST



- LEGEND**
- Broad HLEM Conductor (1/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor
 - Residual Gravity High and Amplitude (milligals)

ANACONDA Canada Exploration Ltd.

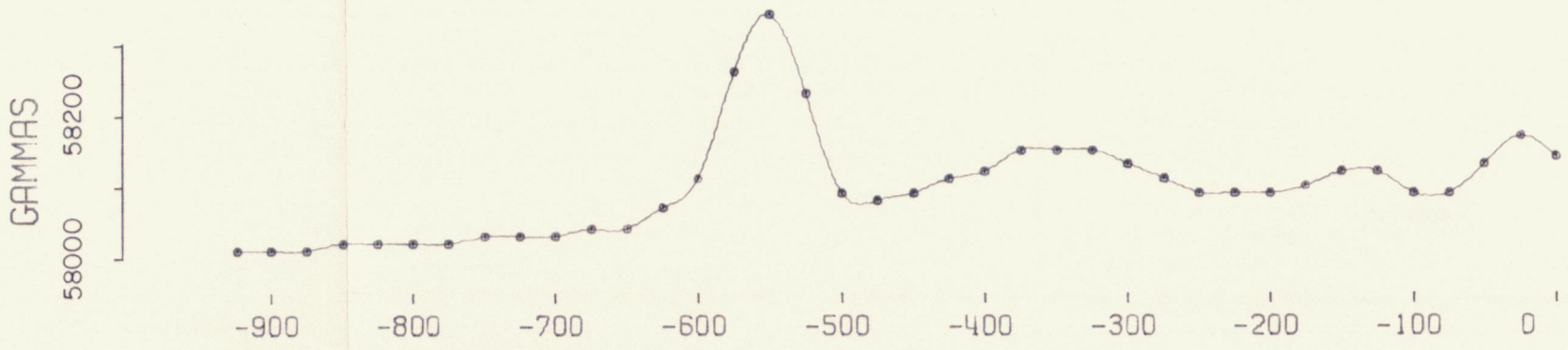
SELWYN PROJECT

BUM GRID LINE 2400 W

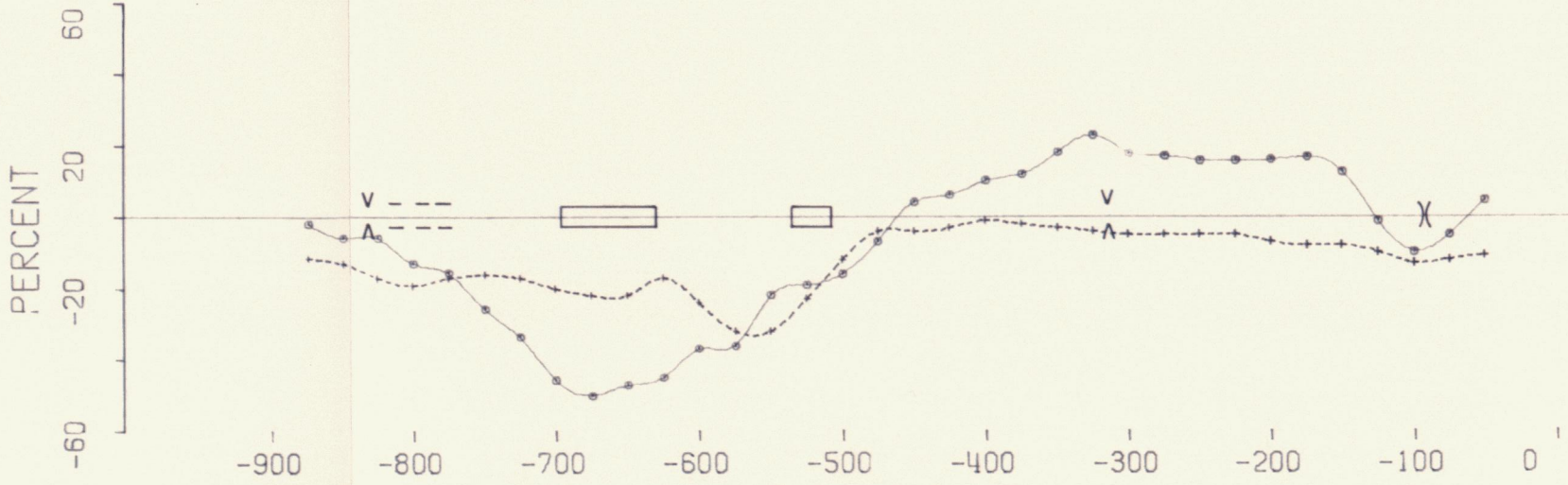
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001461

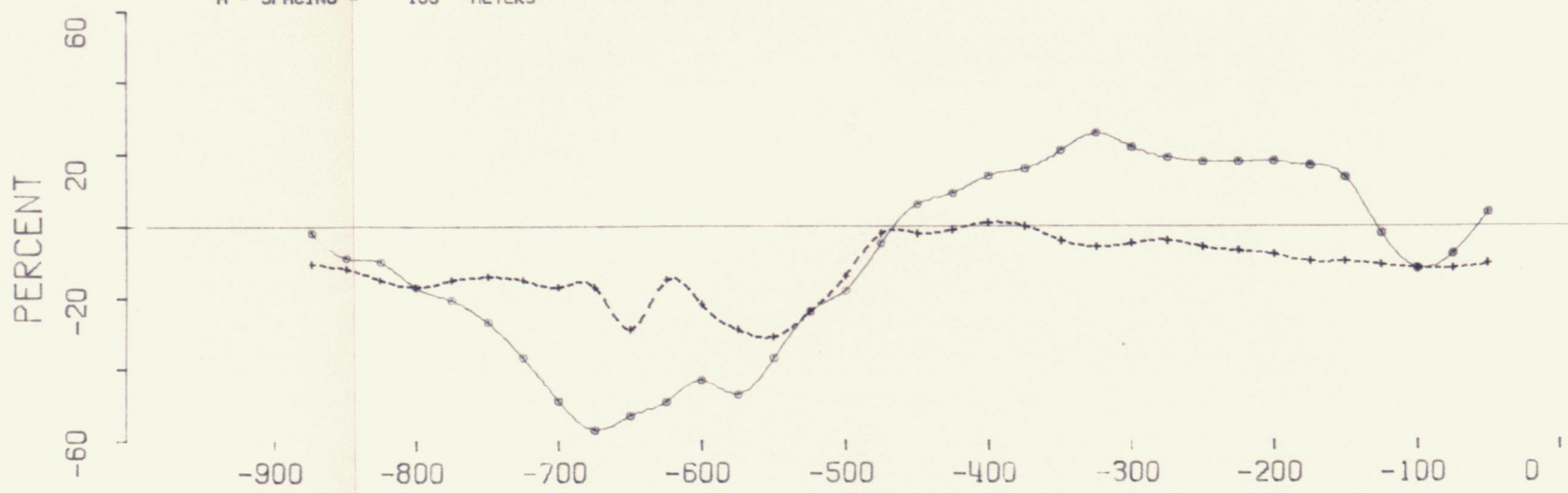
MAGNETICS



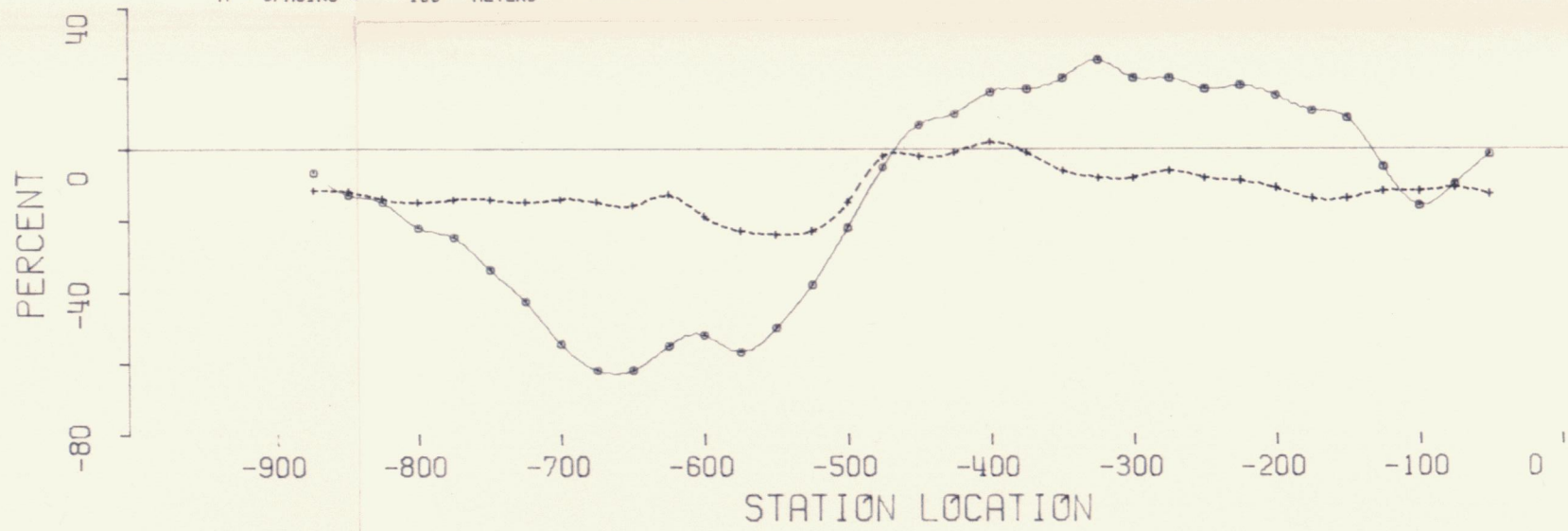
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 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

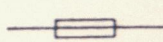
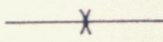
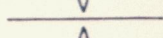


SELWYN PROJECT -- BUM GRID 2600 WEST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P @ 444 Hz)
-  Narrow HLEM Conductor (I/P @ 444 Hz)
-  Weak HLEM Conductor

ANACONDA Canada Exploration Ltd. ▲

SELWYN PROJECT

BUM GRID LINE 2600 W

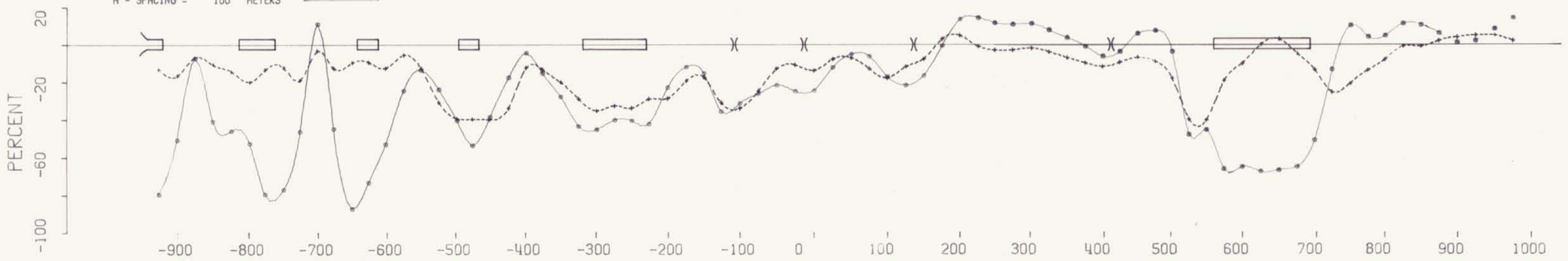
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scale: 1:5,000	n.t.s. 105-L-14	drawing no. 21 of ___

091461

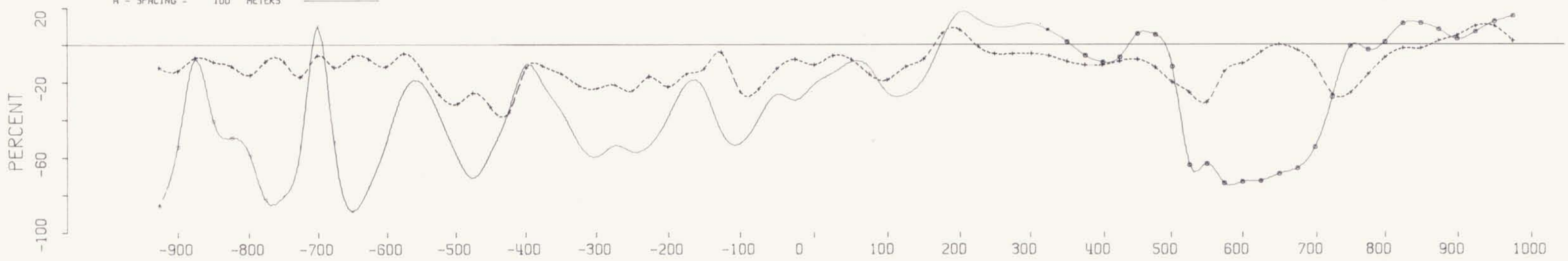
MAGNETICS



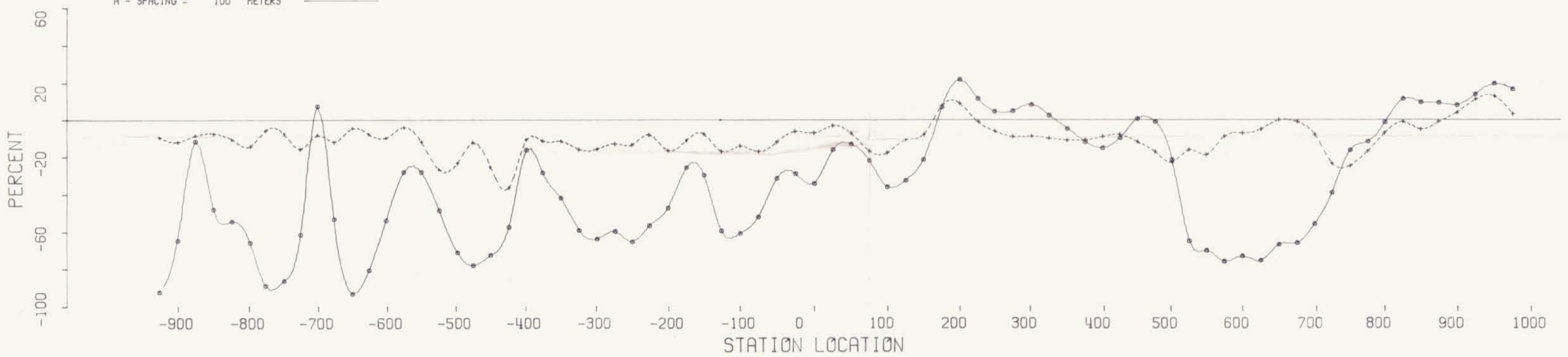
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 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



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 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

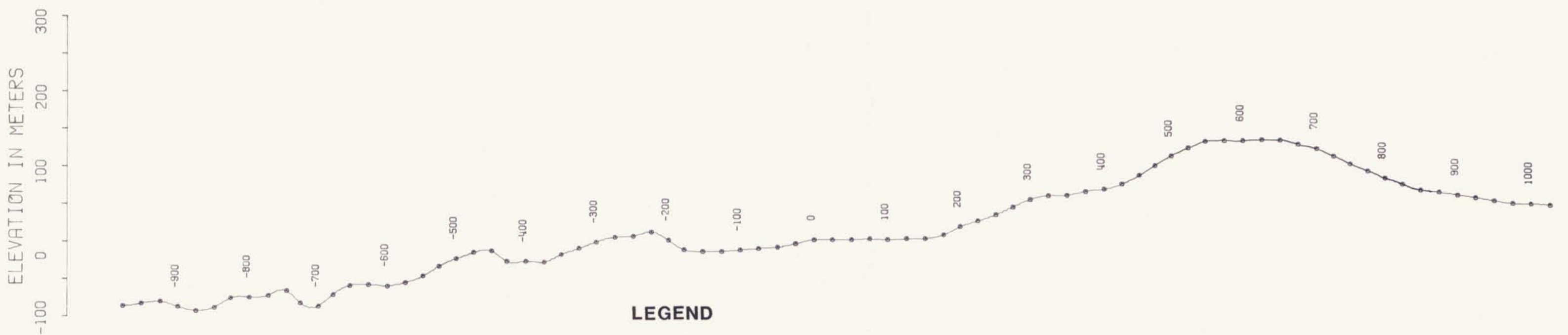


FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



SELWYN PROJECT -- BUM GRID LINE 2800 WEST

TOPOGRAPHY



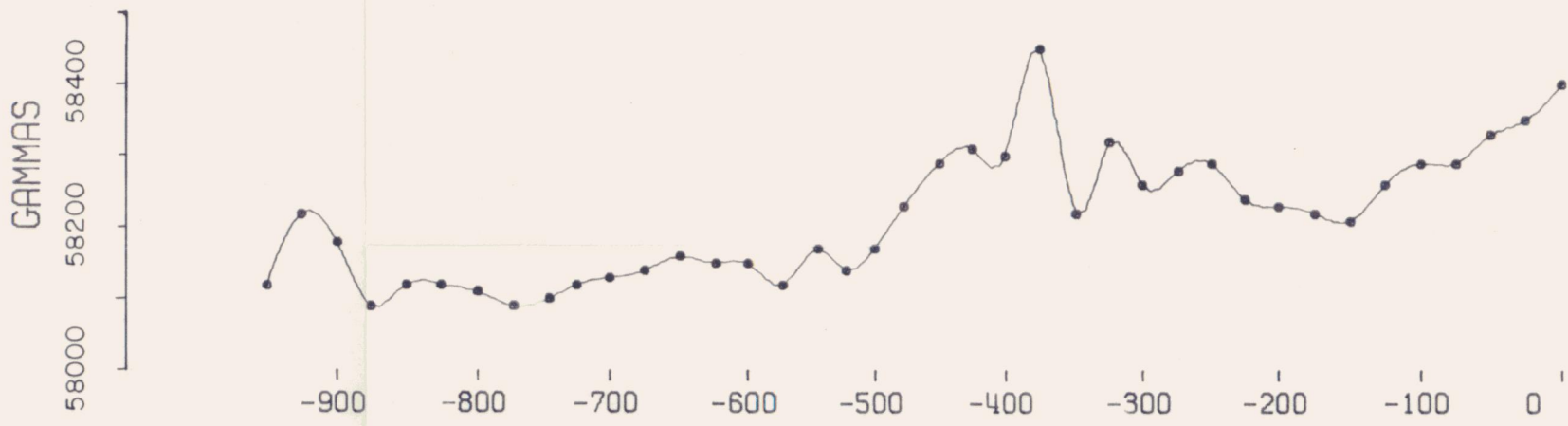
LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor

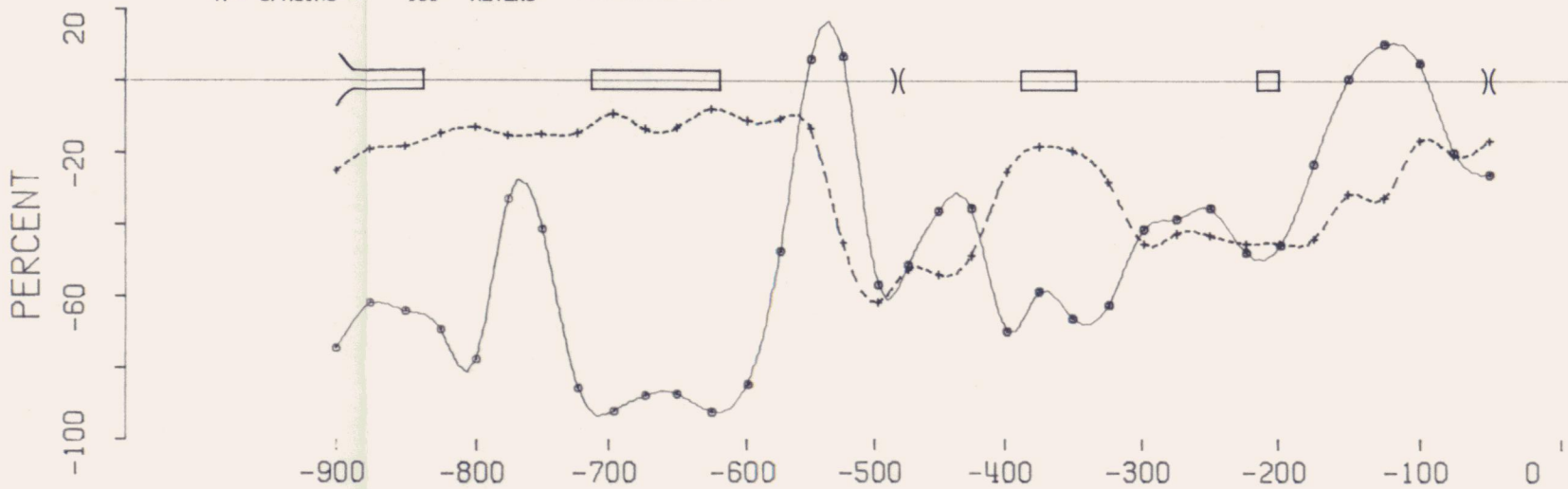
ANACONDA Canada Exploration Ltd. ▲		
SELWYN PROJECT		
BUM GRID LINE 2800 W		
geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	drawing no. 22
		of ___

061461

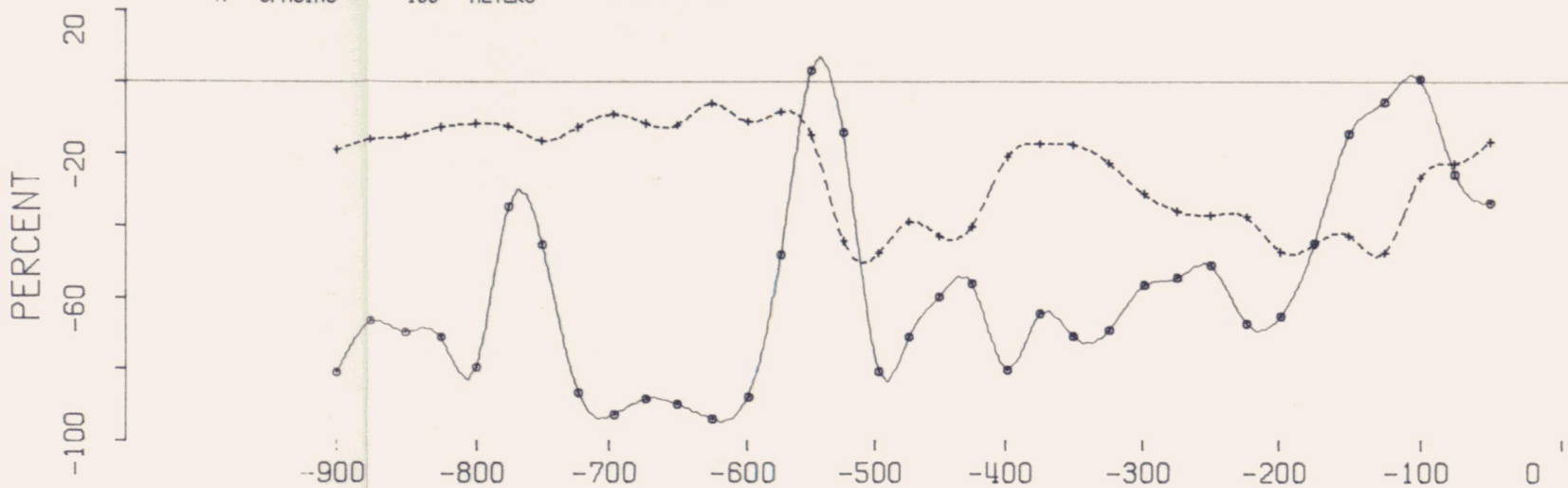
MAGNETICS



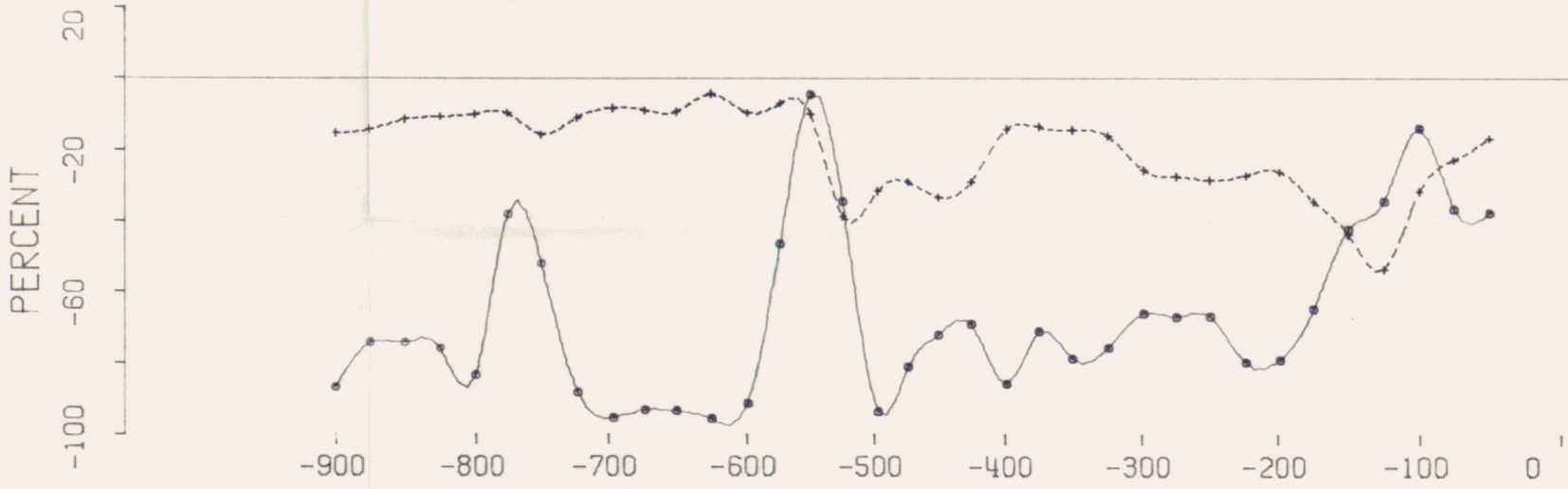
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 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS




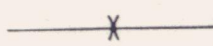
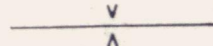
STATION LOCATION


SELWYN PROJECT -- BUM GRID LINE 3000 WEST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P @ 444 Hz)
-  Narrow HLEM Conductor
-  Weak HLEM Conductor

ANACONDA Canada Exploration Ltd. 

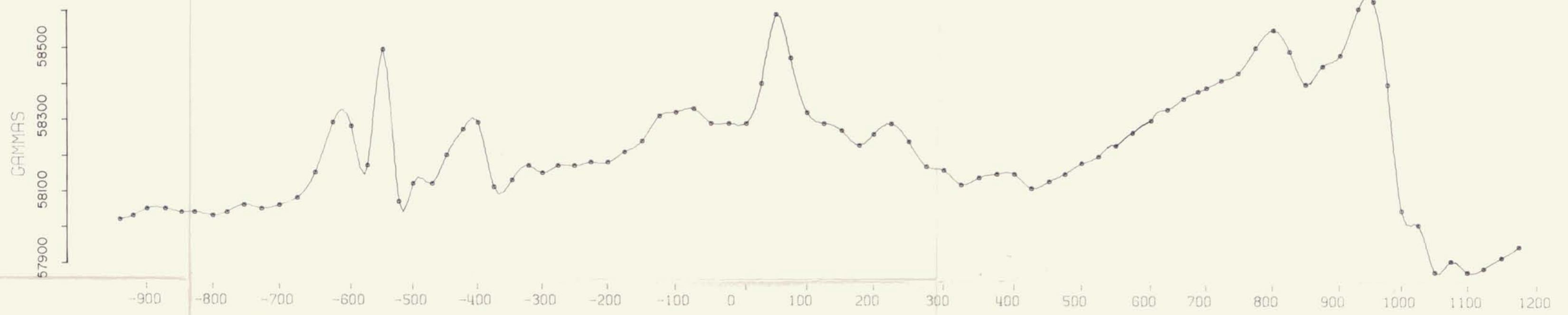
SELWYN PROJECT

BUM GRID LINE 3000 W

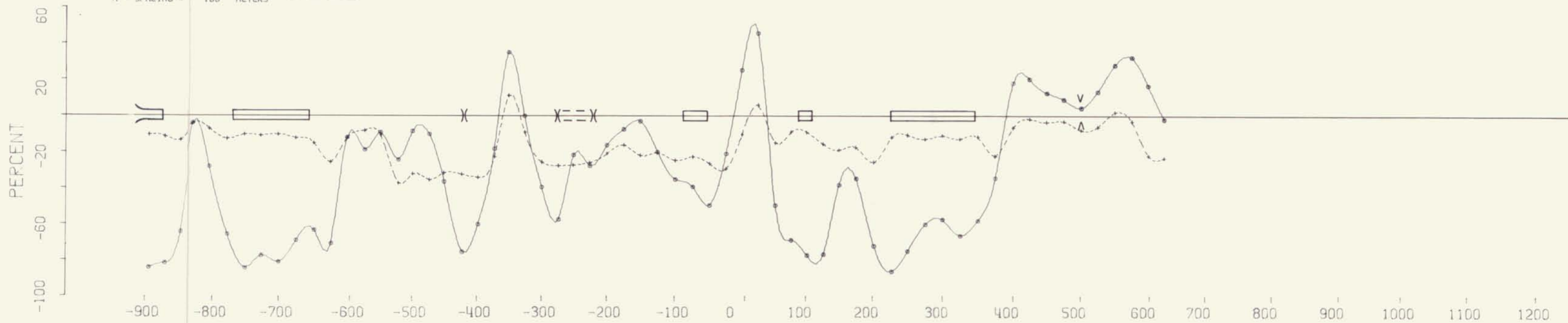
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091461

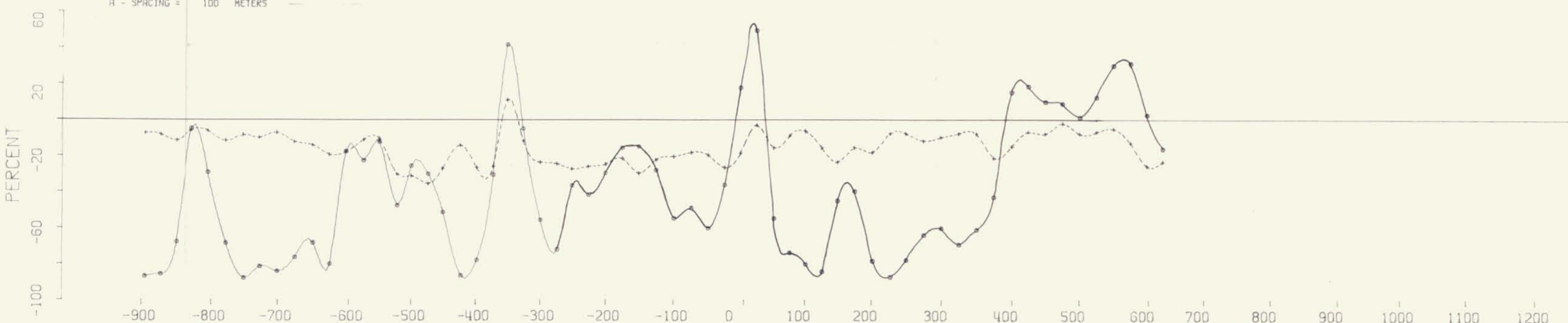
MAGNETICS



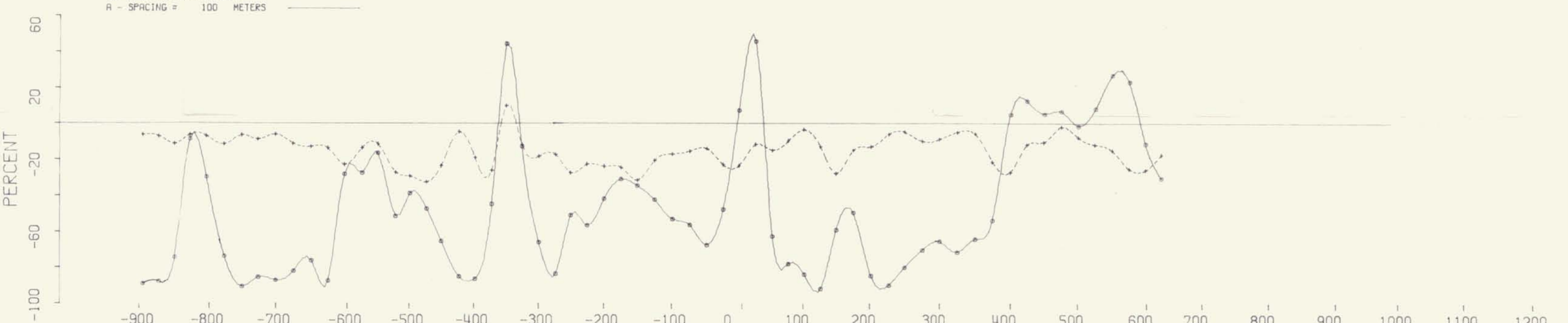
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 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 R - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 R - SPACING = 100 METERS

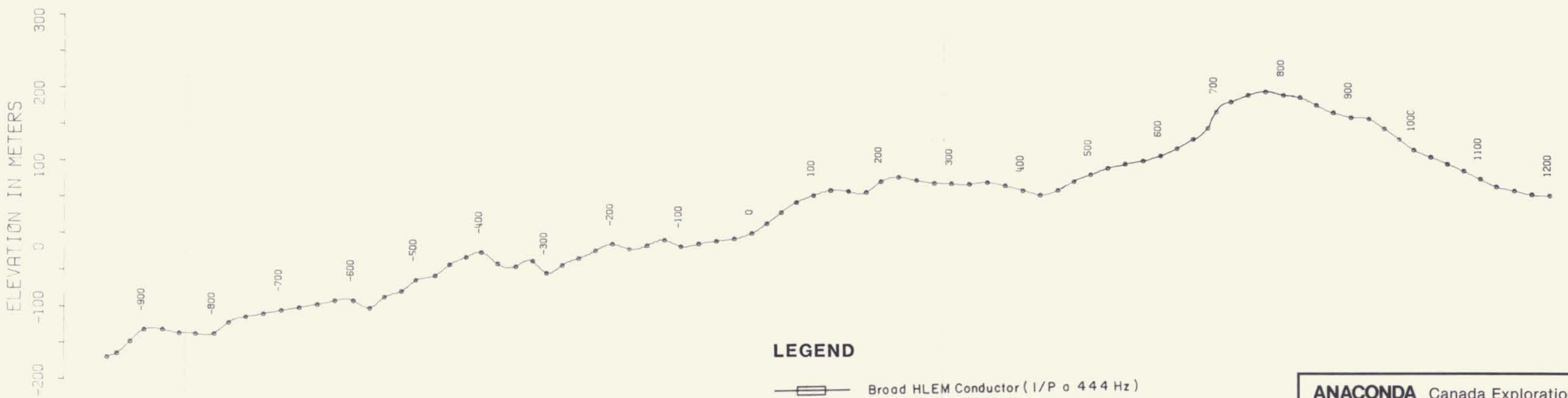


FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 R - SPACING = 100 METERS



SELWYN PROJECT -- BUM GRID LINE 3200 WEST

TOPOGRAPHY



LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor

ANACONDA Canada Exploration Ltd.		
SELWYN PROJECT		
BUM GRID LINE 3200 W		
geology by: A. S.	drawn by: E. B.	date: MAY 83
scale: 1: 5,000	n.t.s.: 105-L-14	fig./proj. no. 24

091461



GEOPHYSICAL INVESTIGATION OF THE BUM CLAIMS
(Electromagnetic, Gravity, and Magnetometer Surveys)

BUM GRID

SELWYN PROJECT, KALZAS MTN. AREA, MAYO MINING DIVISION, Y.T.

Lat. $62^{\circ} 52'N$ Long. $135^{\circ} 15'W$ NTS 105 L14

Field Work Performed : within the period July 12 to Sept. 2, 1982

May 20, 1983

Alan Scott

091461

TABLE OF CONTENTS

	Page
INTRODUCTION	1
LOCATION AND ACCESS	1
GROUND CONTROL	2
GEOPHYSICAL SURVEYS	2
Electromagnetic Survey (HLEM)	2
Magnetometer Survey	2
Gravity Survey	3
DISCUSSION OF RESULTS	3
CONCLUSIONS	5

Appendix I Statement of Expenditures

Appendix II Certification

Maps

1	General Location Map
2	Magnetic Field Contour Plan
3	Geophysical Compilation Plan
4 - 24	Geophysical Results - Profiles

INTRODUCTION

Within the period July 12 to September 2, 1982, a geophysical survey program was completed over portions of Anaconda's BUM claim group, Mayo Mining Division, NTS 105 L/14. Work performed consisted of 31 line kilometers of linecutting and chaining, 24 line kilometers of total field magnetometer survey and horizontal loop electromagnetometer survey, and 11 line kilometers of gravity/levels survey.

The purpose of the surveys was to define the ground location and to further investigate the nature of electromagnetic conductors and magnetic features detected on an airborne survey completed in the Spring of 1981 (flown by Geoterrex and previously submitted by Carlson, 1981).

This report describes the methodology of the ground geophysical surveys, presents the data, and discusses the results. Claims, ownership, and a discussion of the geology are given by Hall (1983).

LOCATION AND ACCESS

Anaconda's Selwyn Project is located about midway between the towns of Mayo and Faro, Yukon Territory (map 1). The BUM grid lies immediately west of Kalzas River, and north of Kalzas Lake. The geophysical work was conducted out of fly camps in the grid area, and was supported by helicopter from a base camp on Earn Lake. Access to the base camp was by float plane from Whitehorse.

GROUND CONTROL

The location of the BUM grid was selected by reference to the helicopter EM flight path recovery and topographic maps. All cut lines were turned off from the baseline with a nailboard, or in the case of control lines, with a transit. Line direction was maintained by backsighting along pickets, and the quality of the lines is generally very good. Chaining of stations was by taut chain along the slope, with pickets emplaced at 25 meter intervals. The angle of slope was measured by inclinometer and the horizontal distances were computed for transfer to the topographic base maps. Tie-ins to topographic features were made wherever possible.

GEOPHYSICAL SURVEYS

Electromagnetic Survey-HLEM

An Apex Parametrics MaxMin II electromagnetometer was used for the horizontal loop (HLEM) survey. A backup unit was available in the event of malfunction. All survey lines were previously chained and inclinometer surveyed by the geophysics crew to maintain accurate control of the coil spacing (100 meters on the BUM survey), and coil coplanarity. Corrections were applied to the data for any deviations from the standard spacing. The results are presented as stacked profiles on maps 4 to 24. Lines 4W, 0, and 16E were surveyed in March, 1982 (submitted by Scott, May, 1982).

Magnetometer Survey

An EDA ppm 300 magnetometer, in conjunction with an EDA ppm 400 base station recording magnetometer, was used on the magnetics survey. Readings were taken at 25 meter intervals, with some fill in to 12.5

meter intervals over areas of steep magnetic field gradient. The results are presented in contour plan form on map 2, and in profile form with the HLEM plots. The data for lines 4W, 0, and 16E were read with a Geometrics Unimag in March, 1982.

Gravity Survey

The gravity survey was restricted to lines 12E, 8E, 4E, 0, 4W, 8W, 12W, 16W, 20W, and 24W. A Lacoste and Romberg gravimeter was used on the survey, and a Topcon Guppy EDM for establishing relative station elevations.

The raw data was corrected for tidal and meter drifts, and bouguer gravity values computed for bouguer densities of 2.0, 2.2, 2.4, 2.6, and 2.8 g/cc. The data is presented as stacked profiles with the HLEM plots. Terrain corrections have been applied only to a radius of 50 meters from the station. This "inner terrain correction" has been applied to all the plotted values. The correction was made by making an estimate of the slope out to a radius of 50m from the gravity station in 90 degree sectors with an inclinometer, and applying a conic prism correction. Owing to the difficulty of making an accurate sight in this heavily forested area, there is some doubt to the validity of these inner corrections. Furthermore, in some portions of the grid, such as the steep slope to the south of Bum Lake and on line 24W, the correction should be made to a greater radius from the station. All inner corrections were made assuming an average terrain density of 2.0 g/cc.

DISCUSSION OF RESULTS

The BUM grid was surveyed at an interline spacing of 400 meters, with fill in to a 200 meter interline spacing between lines 16E to 4W and lines 16W to 32W (south of the baseline). All lines were surveyed with a total field magnetometer and with horizontal loop EM (HLEM). The gravity survey was restricted to lines 400 meters apart between lines 16E to 24W.

The HLEM results are plotted as stacked profiles on drawings 4 to 24. The data for lines 4W, 0, and 16E, which were surveyed in March, 1982, was previously submitted by Scott (May, 1982). All readings were taken with a coil separation of 100 meters and at frequencies of 444, 888, and 1777 Hertz. Conductor locations were picked from the 444 Hz. in phase data and are noted on the profiles as "strong HLEM conductors". Conductors that responded only to the higher frequencies are noted as "weak HLEM conductors".

The total field magnetometer results are plotted in contour plan form on map 2, and in profile form with the HLEM plots. Bouguer gravity values are also plotted as stacked profiles with the HLEM.

The major geophysical features are presented on the compilation plan, map 3. Magnetic field highs are indicated by the shaded contours; HLEM conductors by heavy dashed lines with diagonal stippling for broad conductors; and residual gravity highs at a bouguer density of 2.6 g/cc as a line profile.

The magnetic field contour trends and HLEM conductors are believed to be an accurate representation of the strike of the underlying sedimentary units. For the main part, the HLEM conductors are believed to represent graphitic horizons - particularly any horizons along which movement may have occurred and hence "smeared" the graphitic material into highly conductive "sheets".

The principal objective of the gravity survey was to directly define massive sulphide targets. No sufficiently well defined gravity anomalies were identified on the BUM grid to warrant such testing without supporting evidence (geochemistry, geology). However, weak anomalies (.2mgal) are noted at 12W;550S, 4E;175S, 8E;450S, and 12E at 400 and 650S. Also note the very strong magnetic anomaly some 100 meters south of the baseline between lines 8E to 2W.

CONCLUSIONS

The 1982 geophysical work has confirmed and defined the ground location of EM and magnetic anomalies detected by the 1981 airborne survey. The HLEM and magnetics, in particular, has served as an effective method of mapping the underlying sedimentary units in this heavily overburden covered area.

No geophysical targets were defined that could be recommended for further testing without supporting evidence (geochemical or geological).

Respectfully submitted,



Alan Scott,
Geophysicist.

Distribution:

Mining Recorder (2)

ACEL files (1)

J. Corbett, Chief Geophys. (1)

R. Hall, Project Geologist (1)

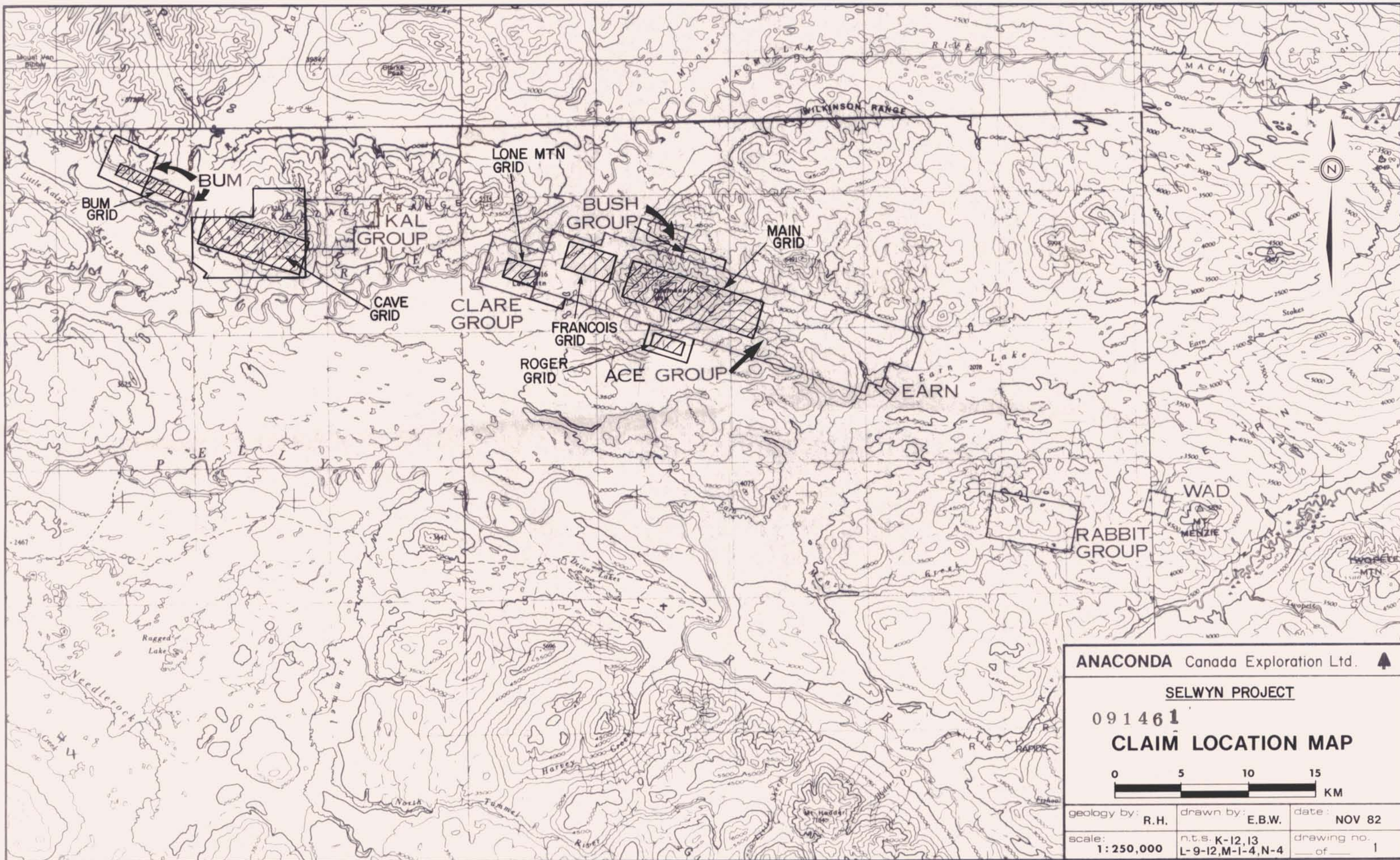
APPENDIX II
CERTIFICATION

I, Alan R. Scott, of 4013 West 14th Avenue, Vancouver, B.C., am employed as a professional geophysicist by Anaconda Canada Exploration Ltd. and have knowledge of the work performed and costs incurred per this report. I further attest that:

1. I graduated with a B. Sc. (geophysics) from the University of British Columbia in 1970.
2. That I am a member of the Society of Exploration Geophysicists, and of the Association of Professional Engineers, Geologists, and Geophysicists of the Province of Saskatchewan.
3. That I have been practicing my profession for the past 13 years.



Alan R. Scott,
Geophysicist.



ANACONDA Canada Exploration Ltd. ▲

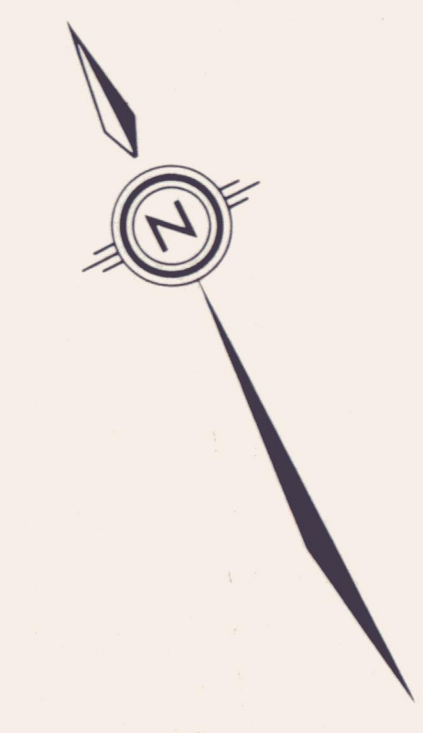
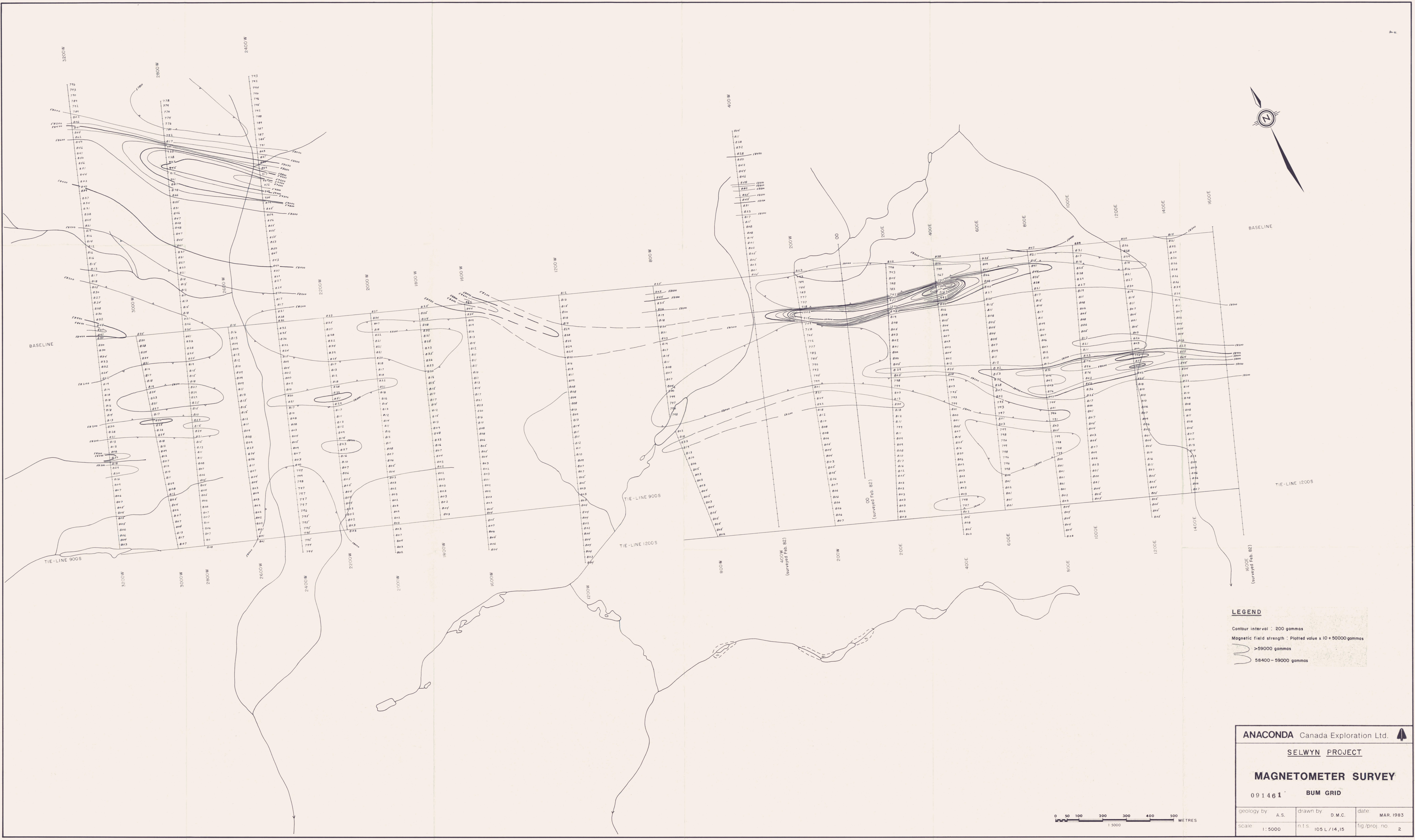
SELWYN PROJECT

091461

CLAIM LOCATION MAP

0 5 10 15
KM

geology by: R.H.	drawn by: E.B.W.	date: NOV 82
scale: 1:250,000	n.t.s. K-12,13 L-9-12,M-1-4,N-4	drawing no. ___ of ___ 1



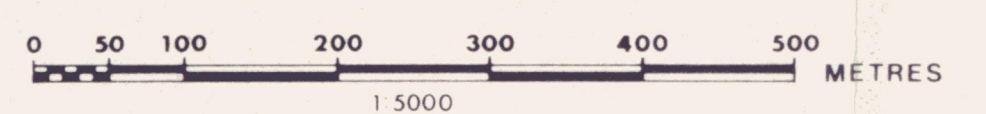
LEGEND

Contour interval : 200 gammas

Magnetic field strength : Plotted value x 10 + 50000 gammas

>59000 gammas

58400 - 59000 gammas



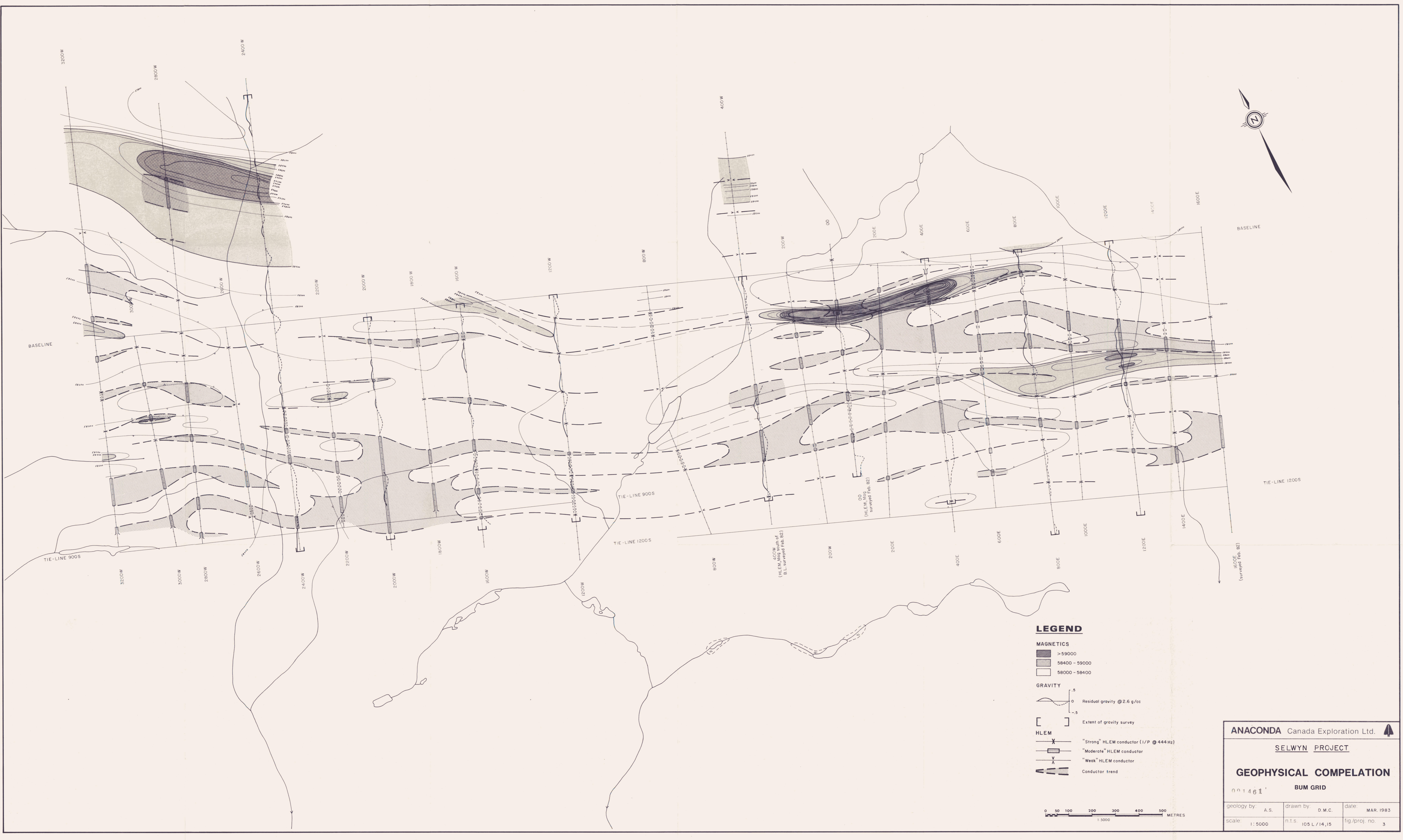
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

MAGNETOMETER SURVEY

091461 **BUM GRID**

geology by	A.S.	drawn by	D.M.C.	date	MAR. 1983
scale	1:5000	n.t.s.	105 L / 14, 15	fig/proj. no	2



LEGEND

MAGNETICS

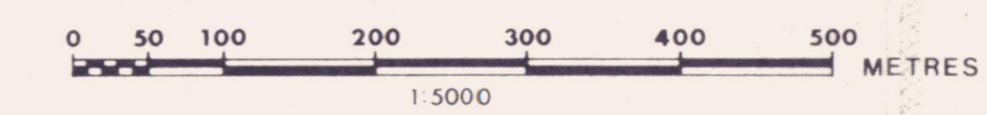
- > 59000
- 58400 - 59000
- 58000 - 58400

GRAVITY

- Residual gravity @ 2.6 g/cc
- Extent of gravity survey

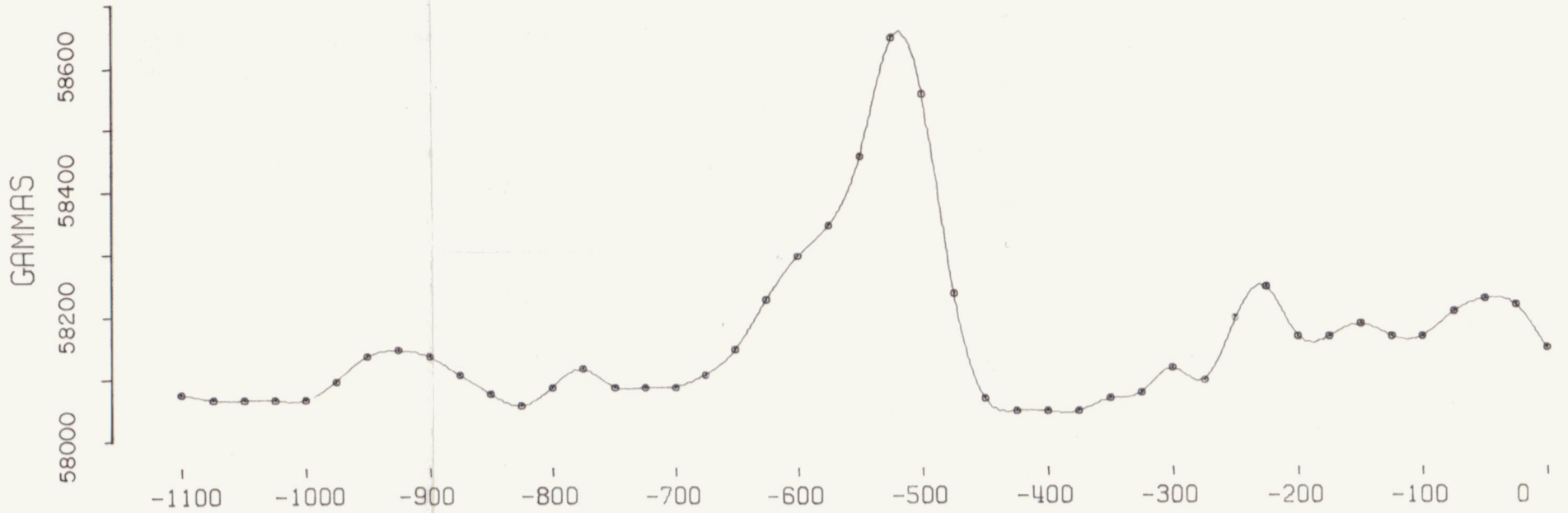
HLEM

- X "Strong" HLEM conductor (1/P @ 444 Hz)
- Y "Moderate" HLEM conductor
- V "Weak" HLEM conductor
- Conductor trend

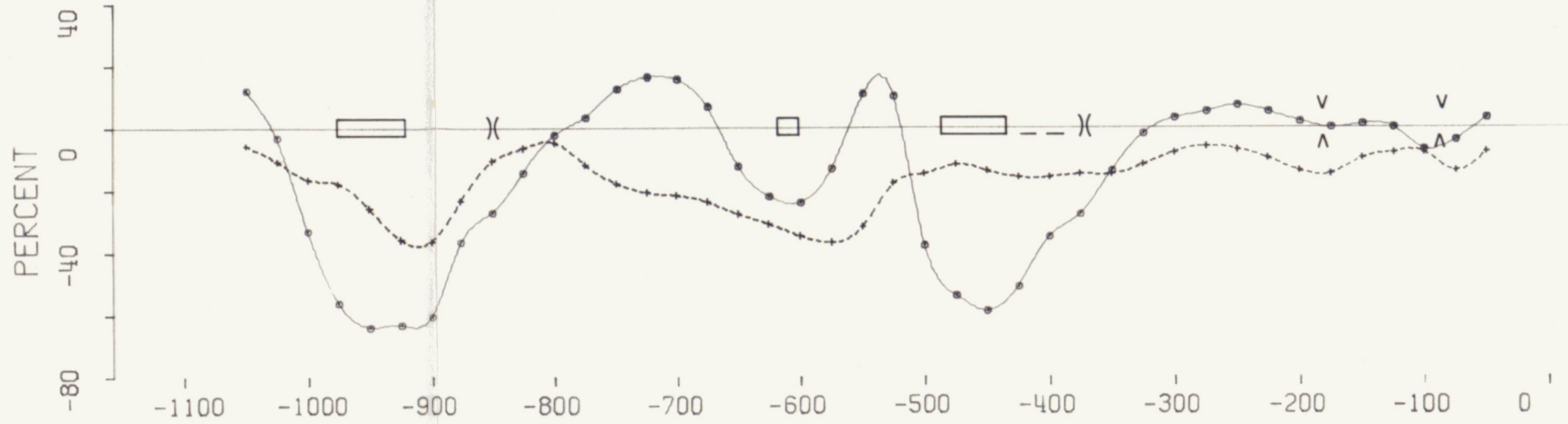


ANACONDA Canada Exploration Ltd.		
SELWYN PROJECT		
GEOPHYSICAL COMPELATION		
BUM GRID		
001461		
geology by:	A.S.	drawn by:
scale:	1:5000	D.M.C.
n.t.s.	105 L / 14, 15	date:
fig./proj. no.	3	MAR. 1983

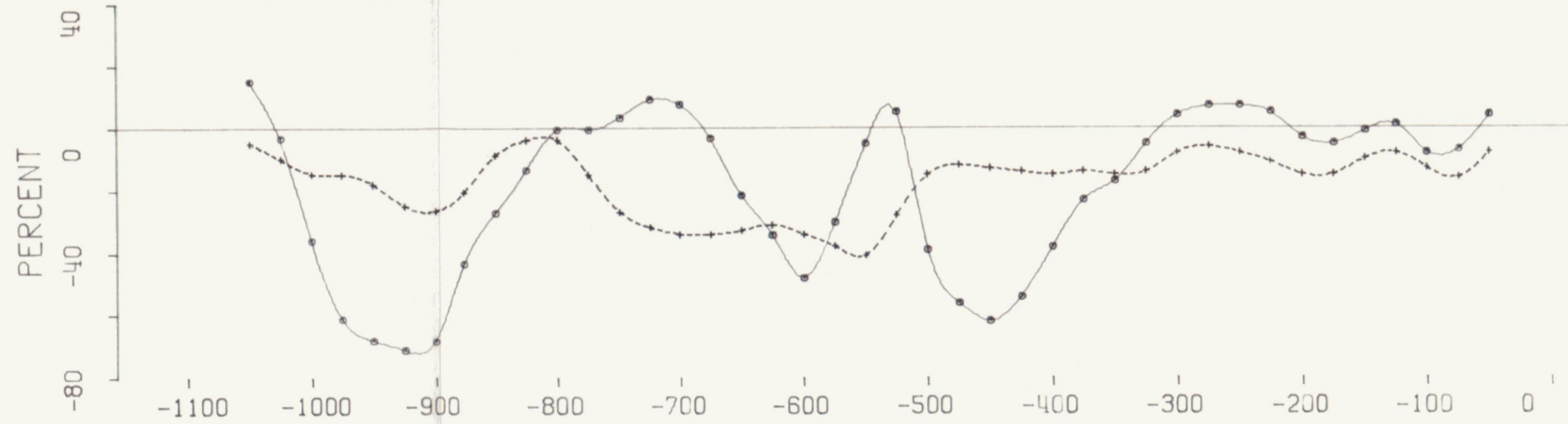
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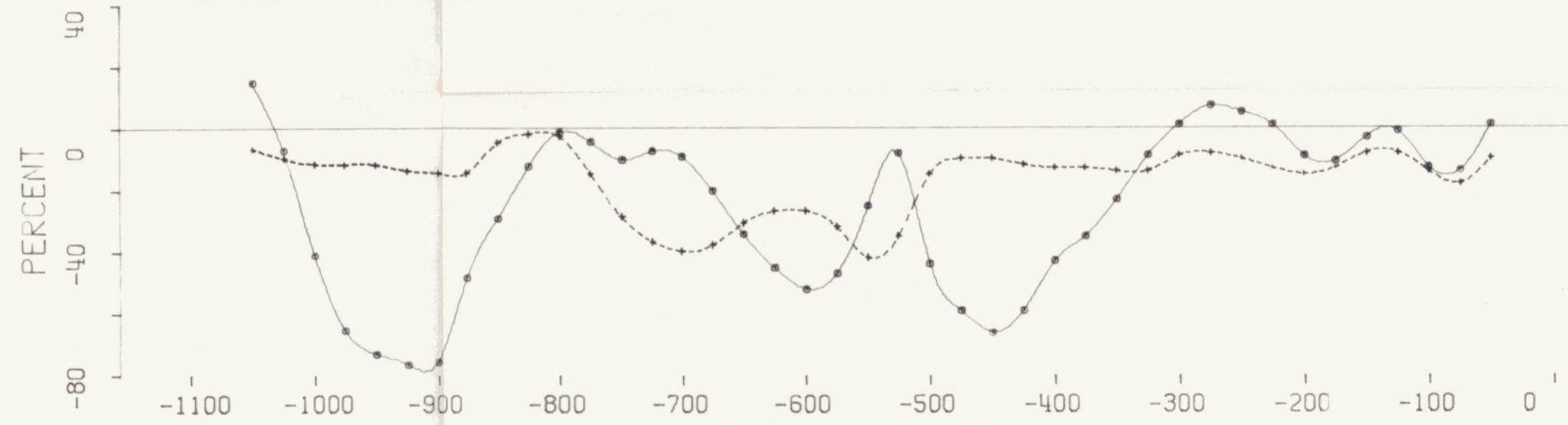
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 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
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 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



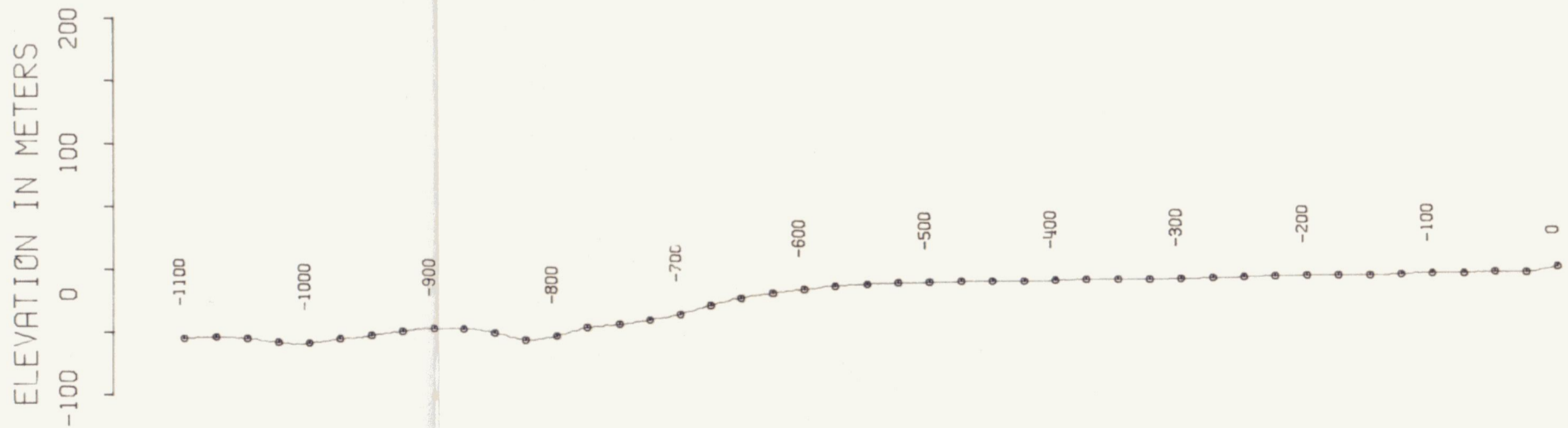
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 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



STATION LOCATION

SELWYN PROJECT -- BUM GRID LINE 1400 EAST

TOPOGRAPHY



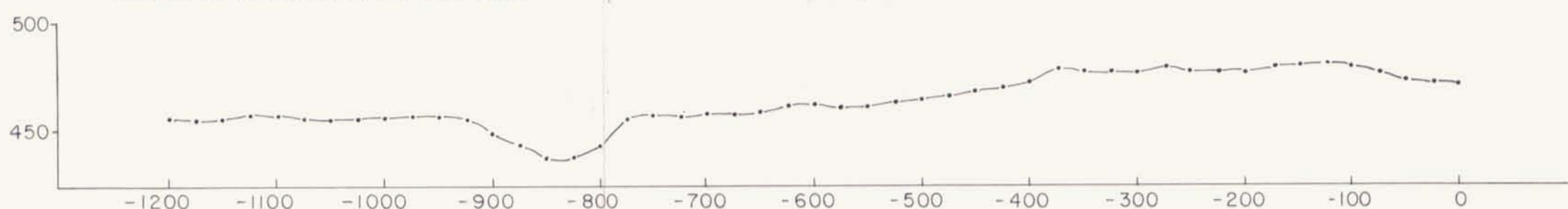
LEGEND

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- Narrow HLEM Conductor (I/P a 444 Hz)
- Weak HLEM Conductor

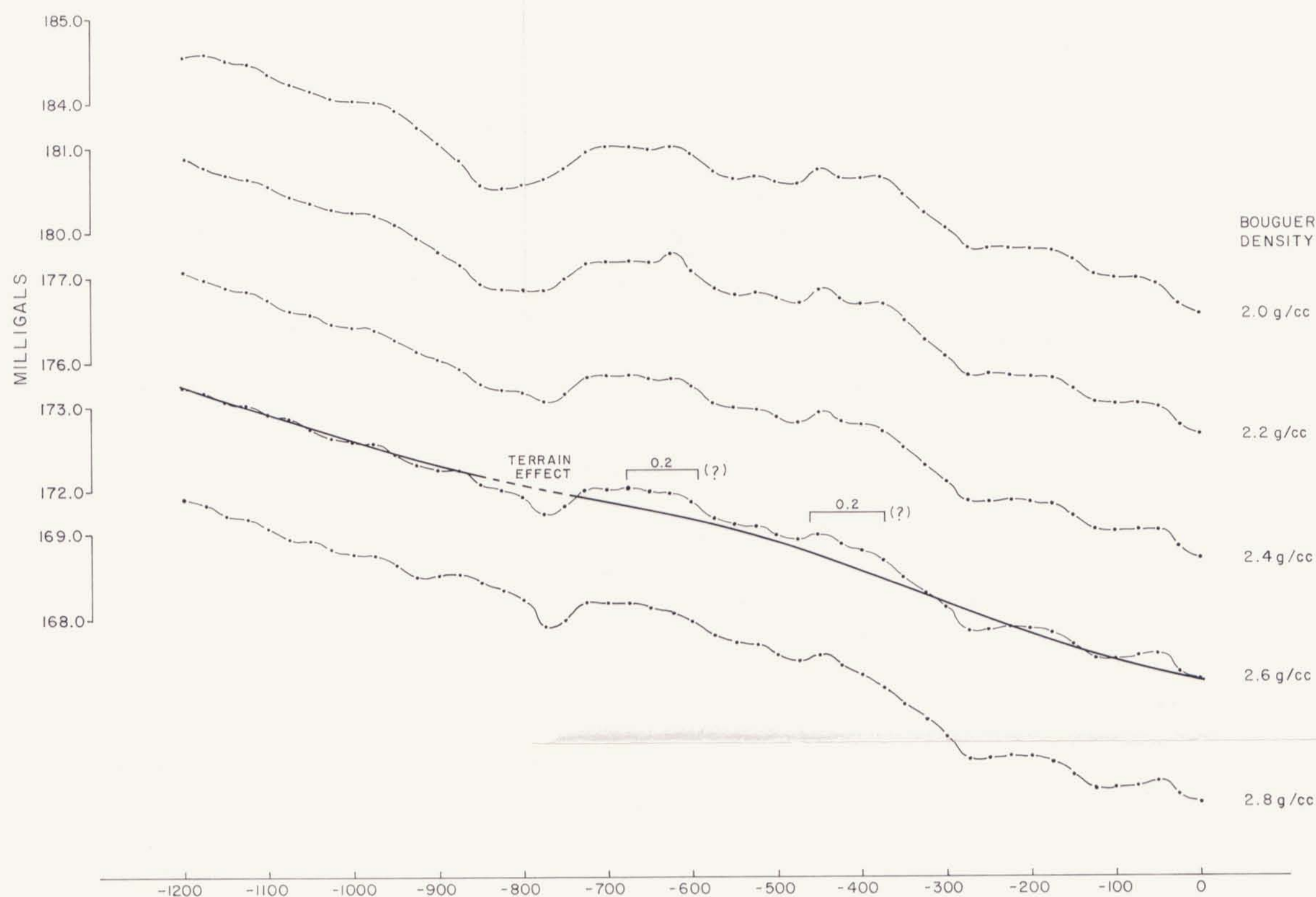
001461

ANACONDA Canada Exploration Ltd.		
SELWYN PROJECT		
BUM GRID LINE 1400 E		
geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 4

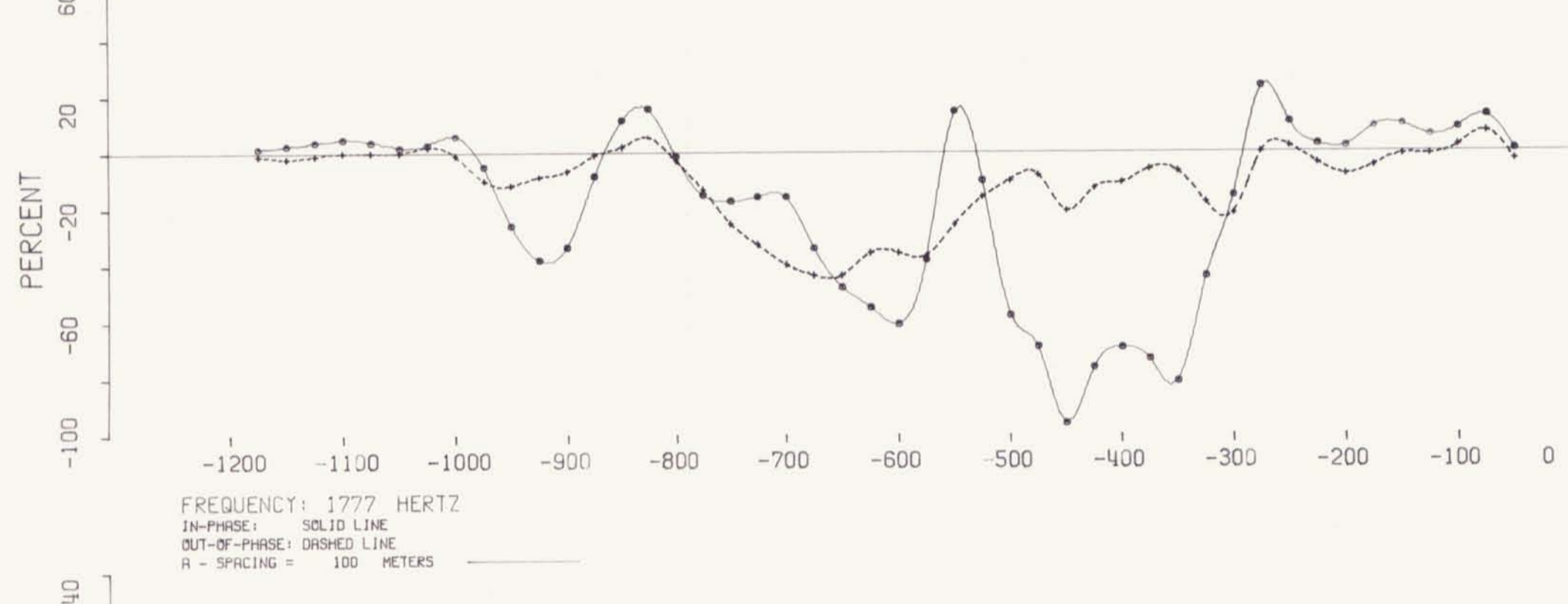
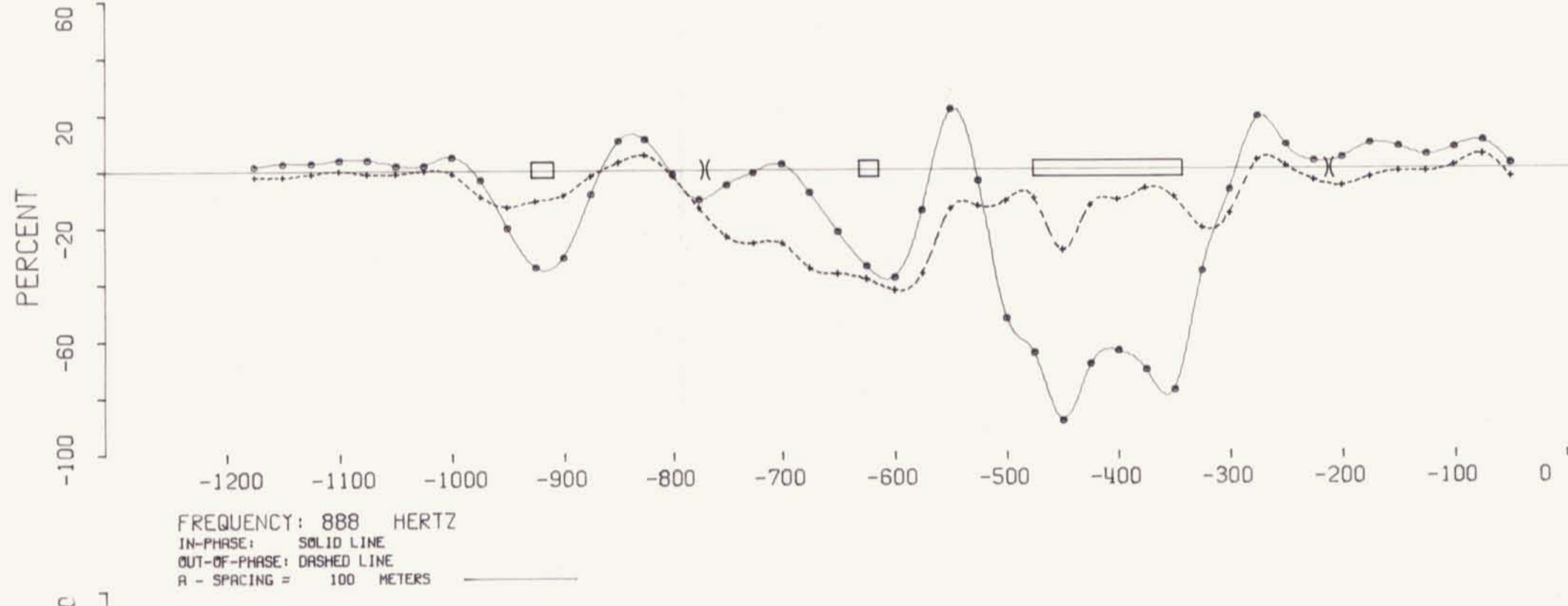
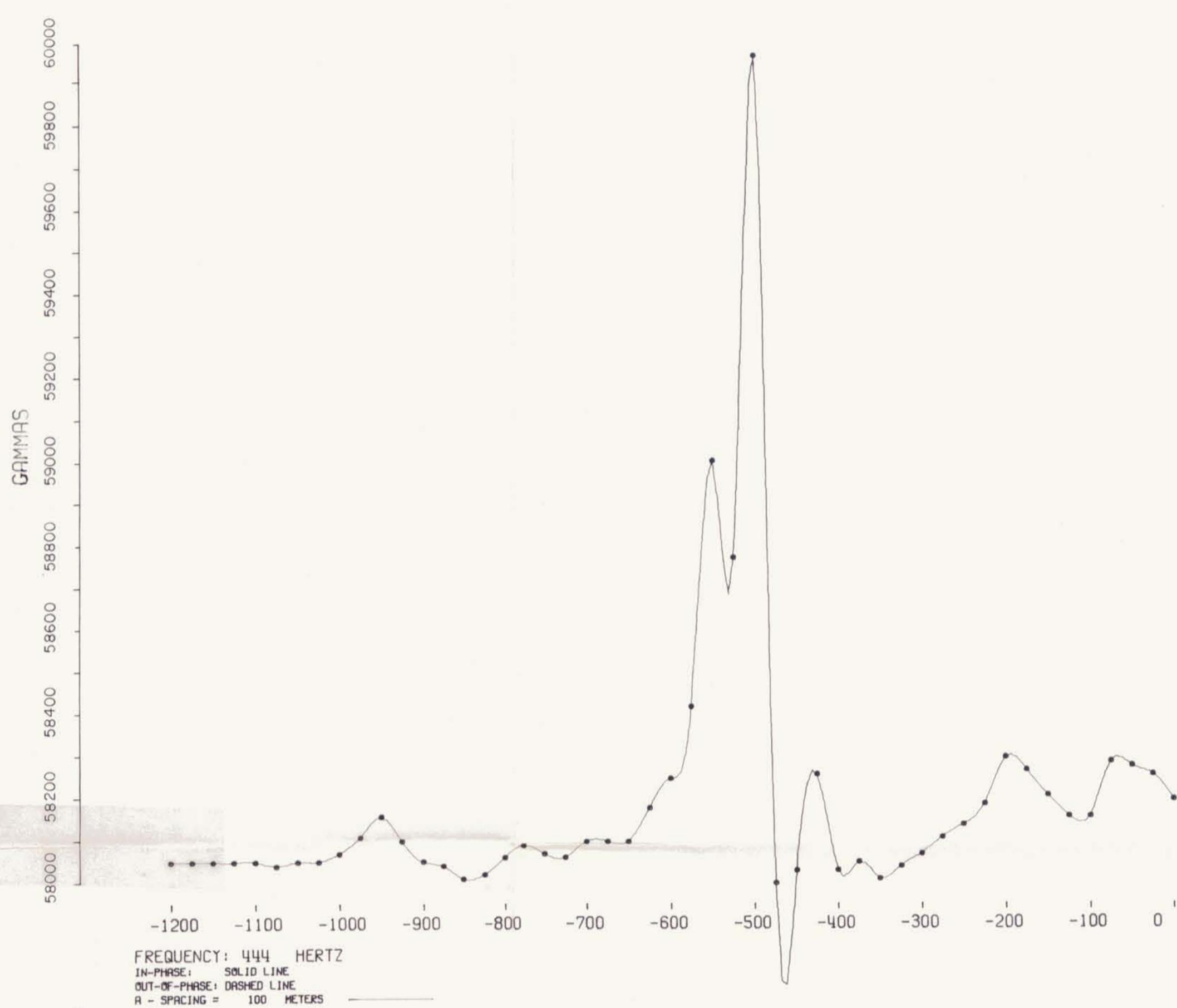
RELATIVE ELEVATION X2 VERTICAL



GRAVITY



MAGNETICS



SELWYN PROJECT -- BUM GRID LINE 1200 EAST



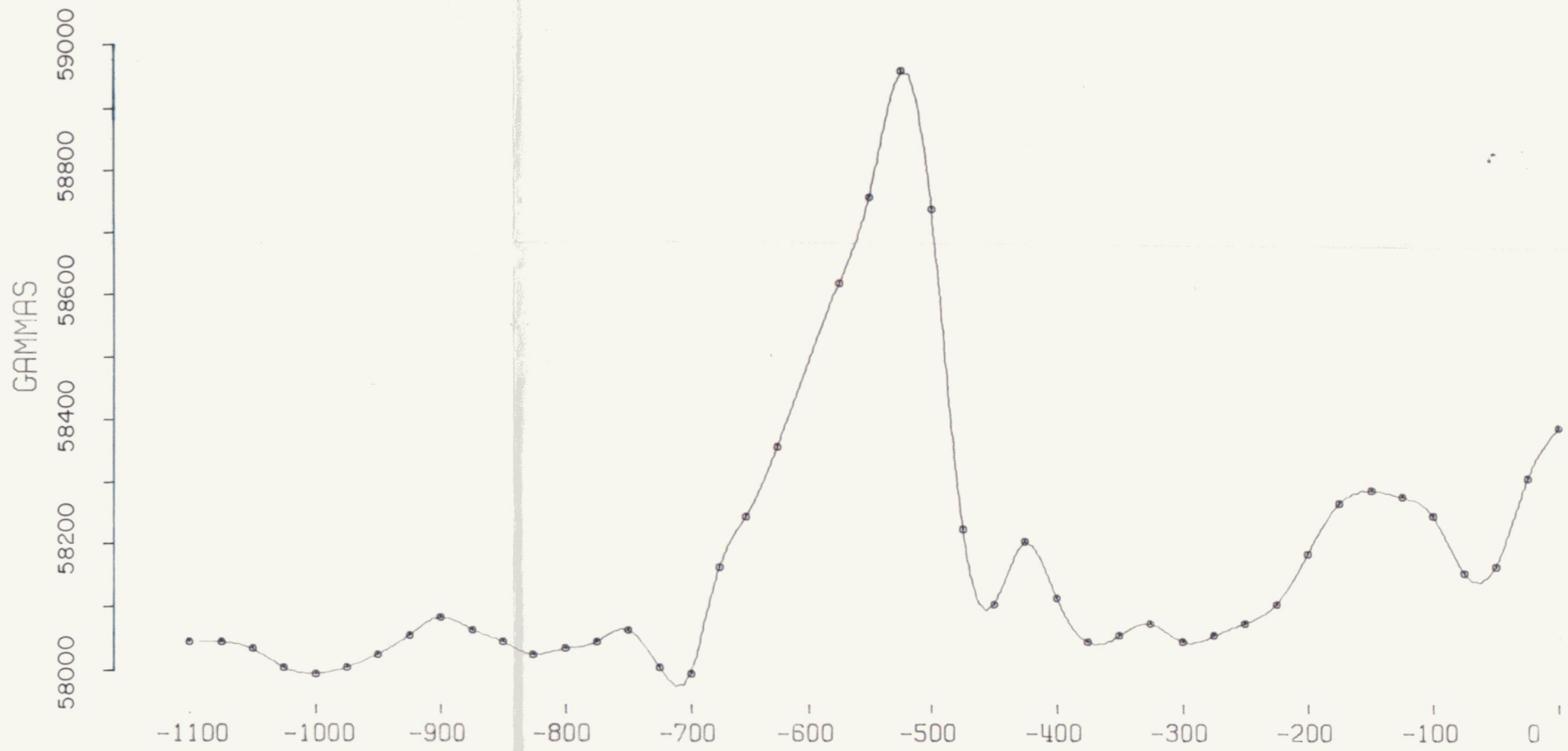
LEGEND

- Broad HLEM Conductor (1/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Residual Gravity High and Amplitude (milligals)

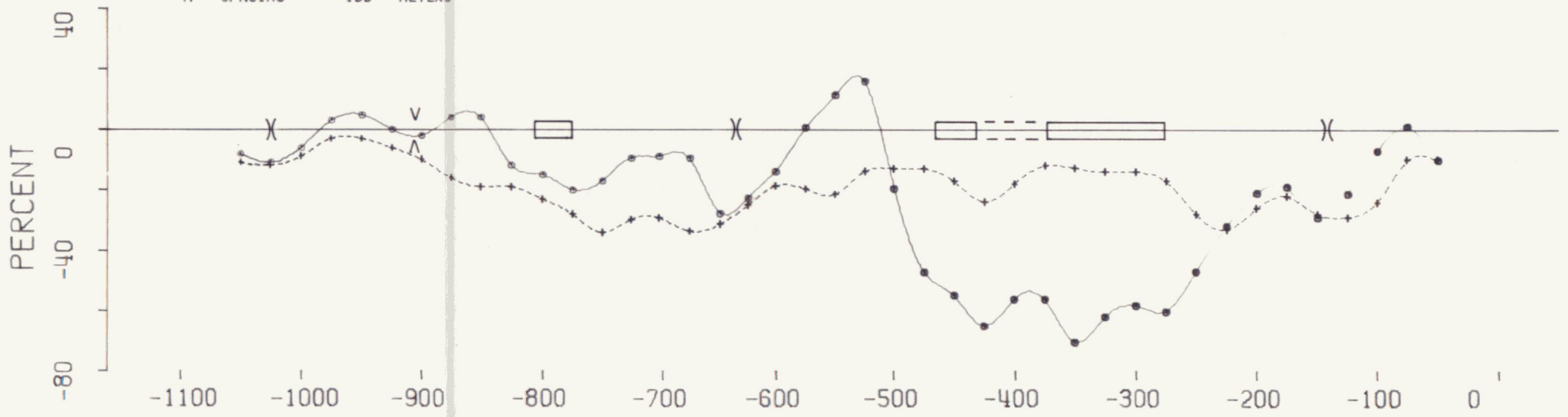
ANACONDA Canada Exploration Ltd. ▲		
SELWYN PROJECT		
BUM GRID LINE 1200 E		
geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	drawing no. of 5

091461

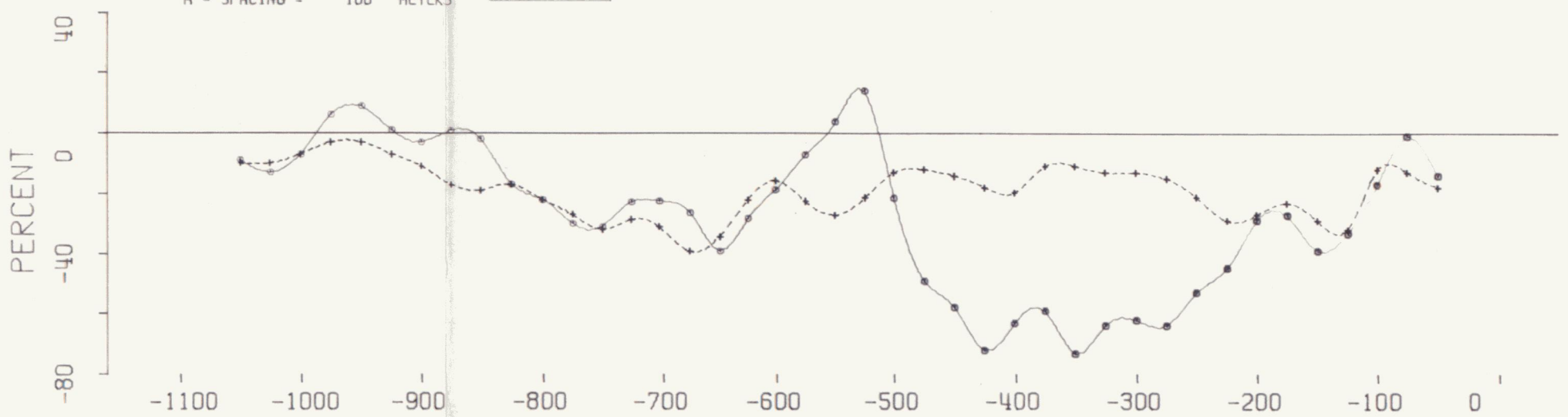
MAGNETICS



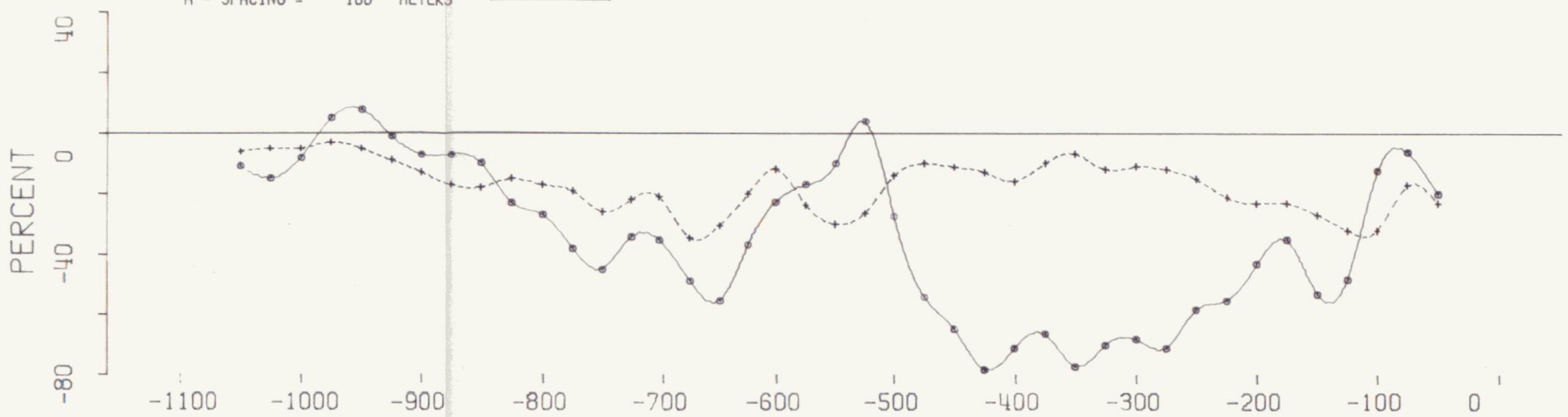
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS






STATION LOCATION

SELWYN PROJECT -- BUM GRID LINE 1000 EAST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P a 444 Hz)
-  Narrow HLEM Conductor (I/P a 444 Hz)
-  Weak HLEM Conductor

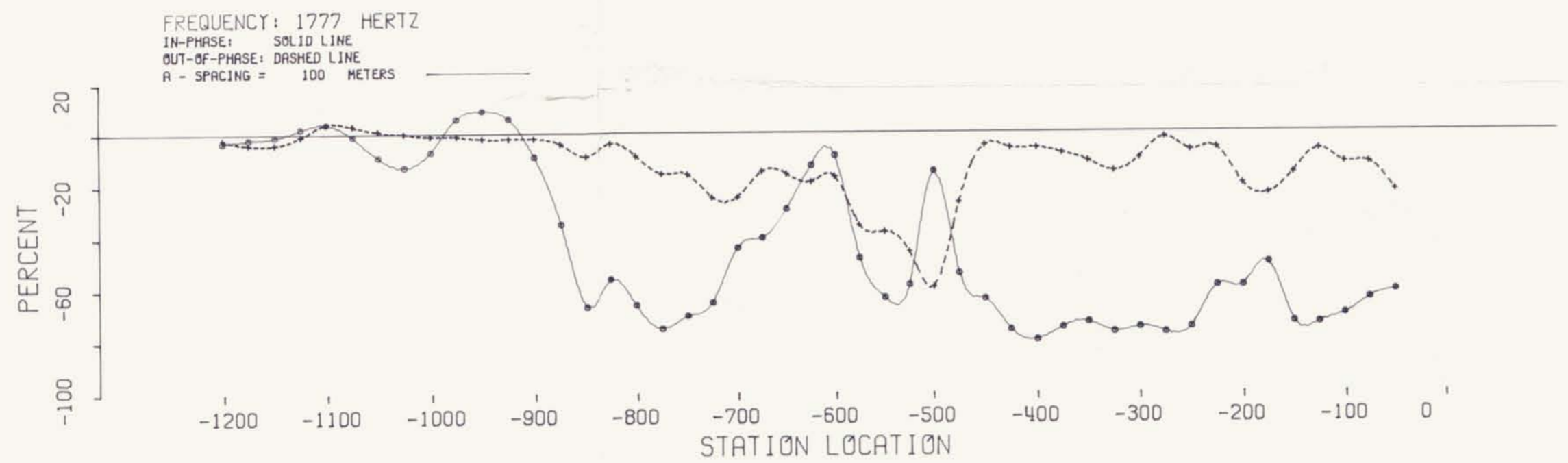
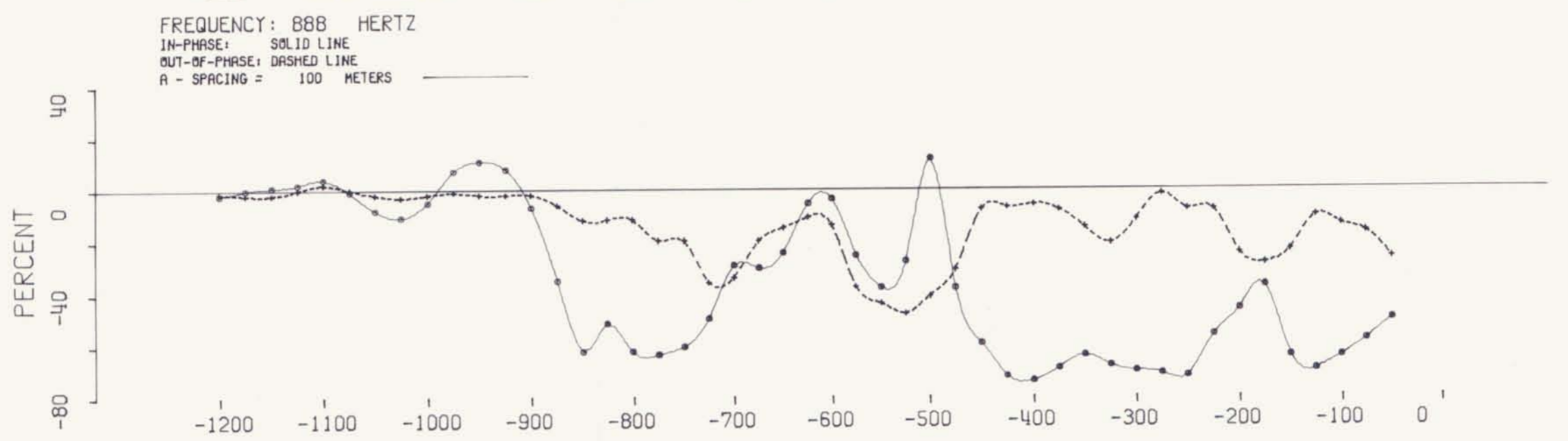
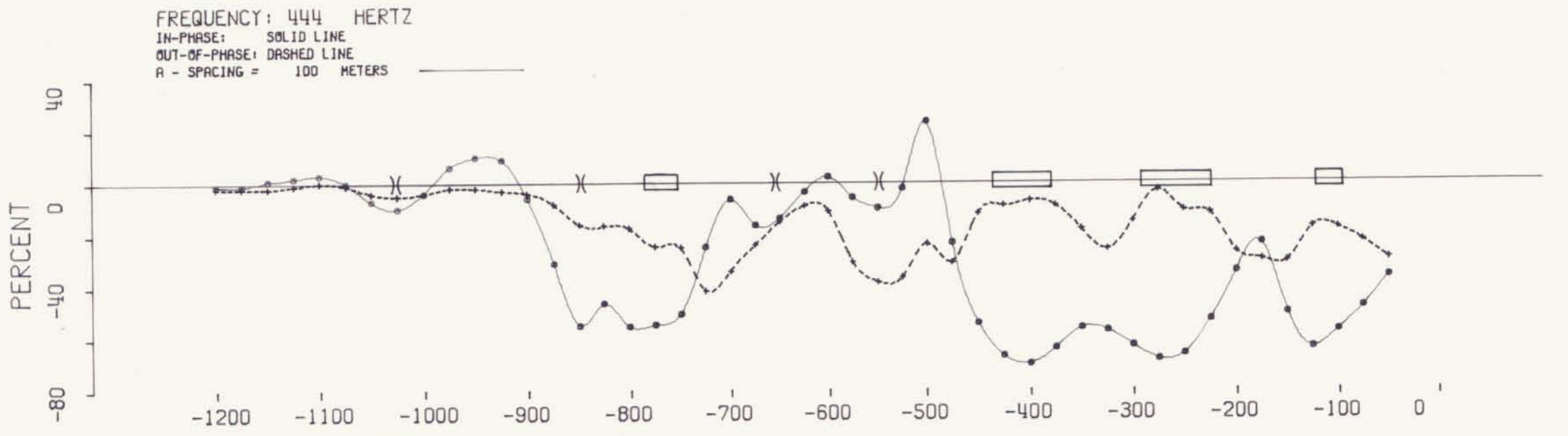
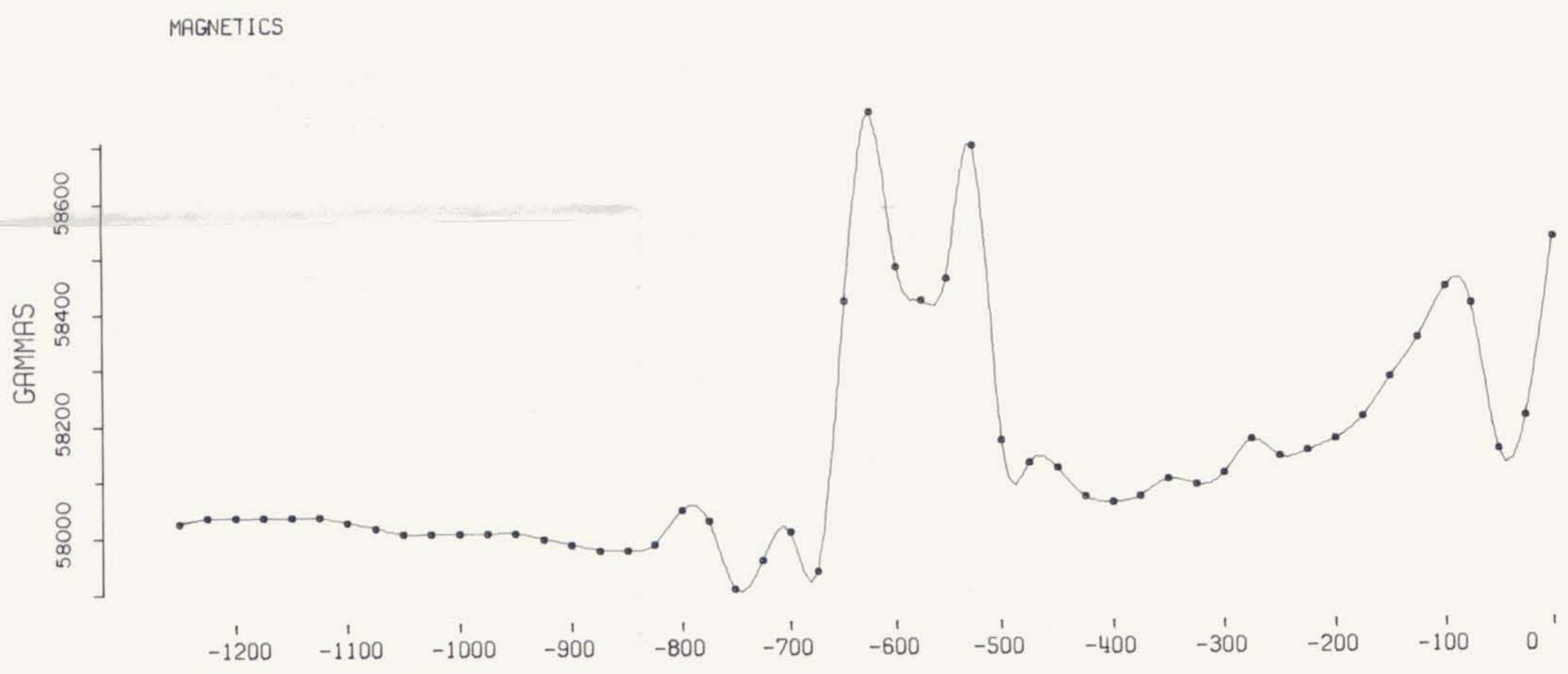
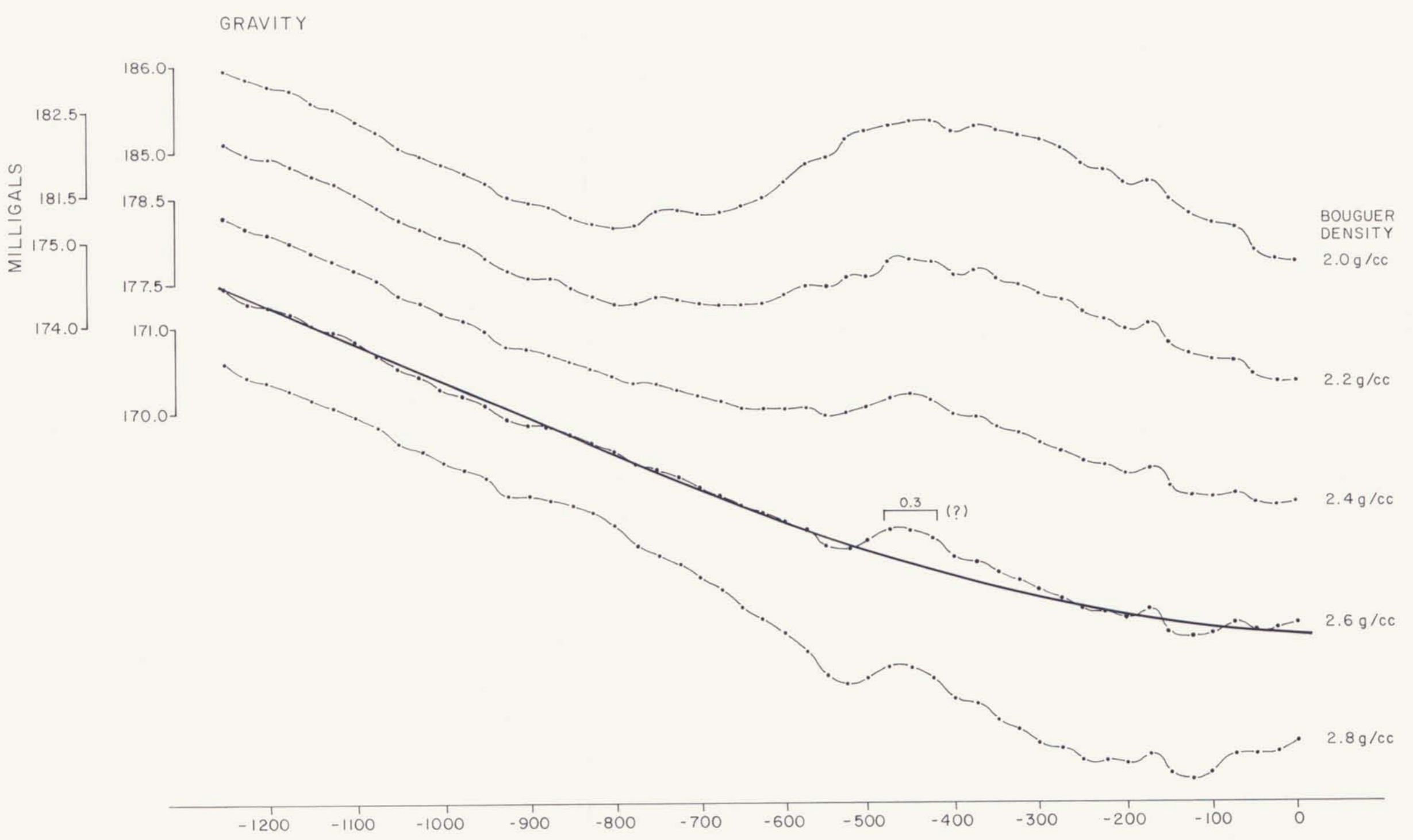
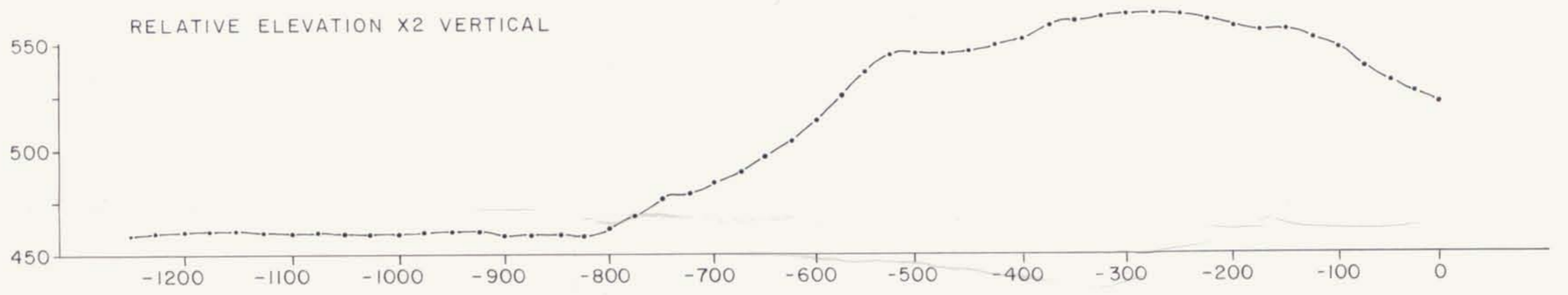
001461

ANACONDA Canada Exploration Ltd. 

SELWYN PROJECT

BUM GRID LINE 1000 E

geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 6



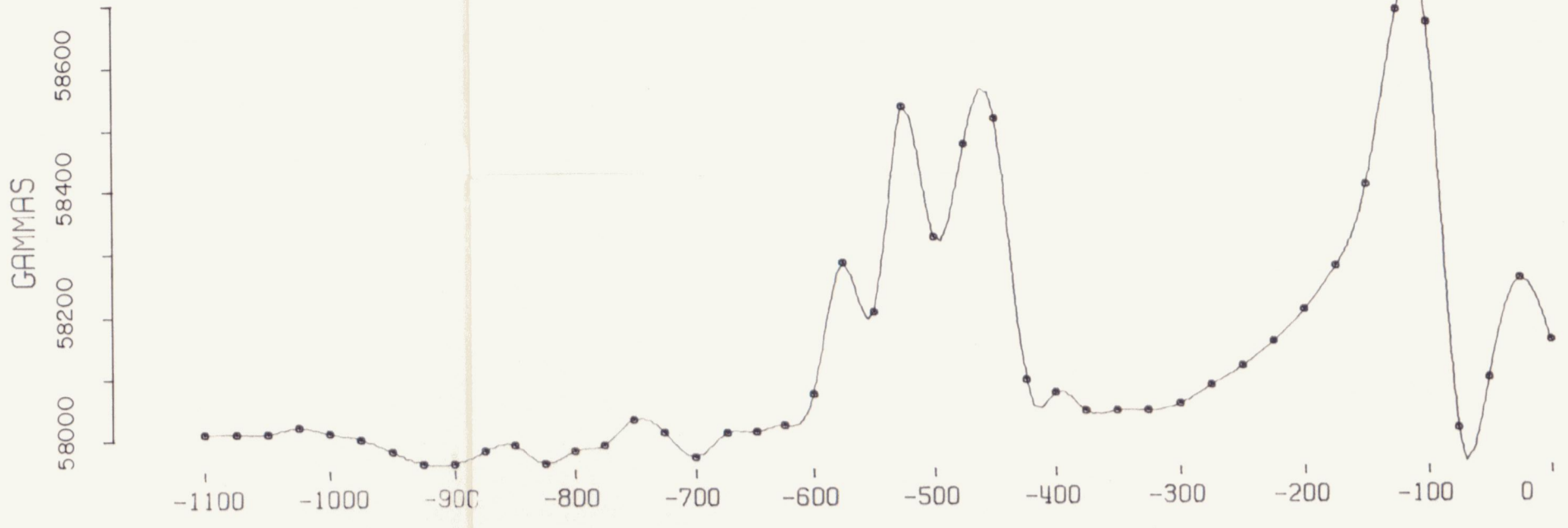
SELWYN PROJECT -- BUM GRID LINE 800 EAST



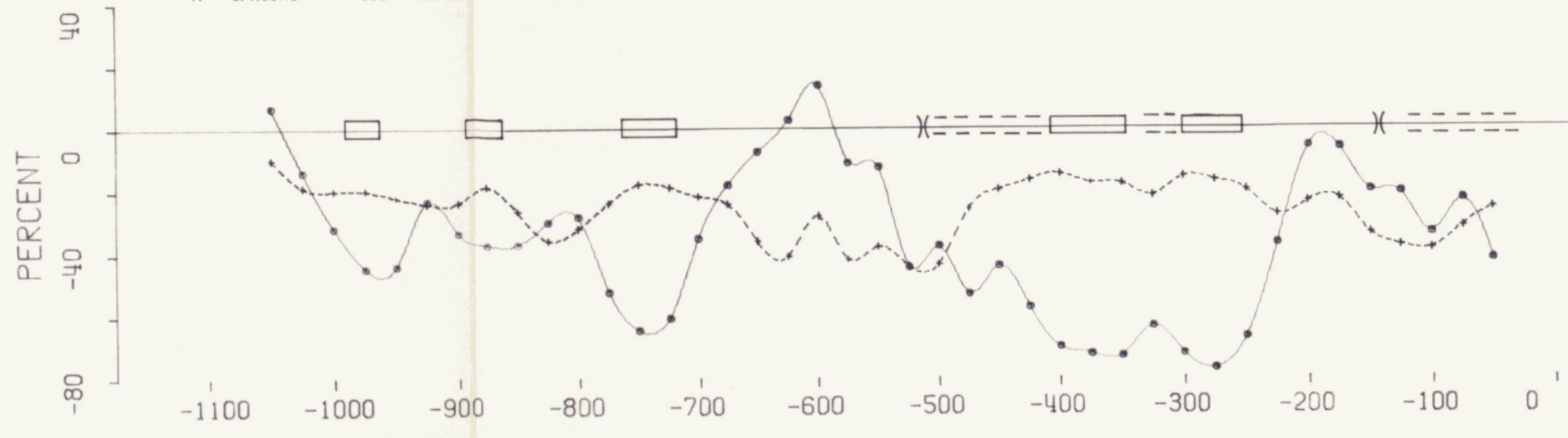
- LEGEND**
- Broad HLEM Conductor (I/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor
 - Residual Gravity High and Amplitude (milligals)

ANACONDA Canada Exploration Ltd.		
SELWYN PROJECT		
BUM GRID LINE 800 E		
geology by: A. S.	drawn by: D. C.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 7

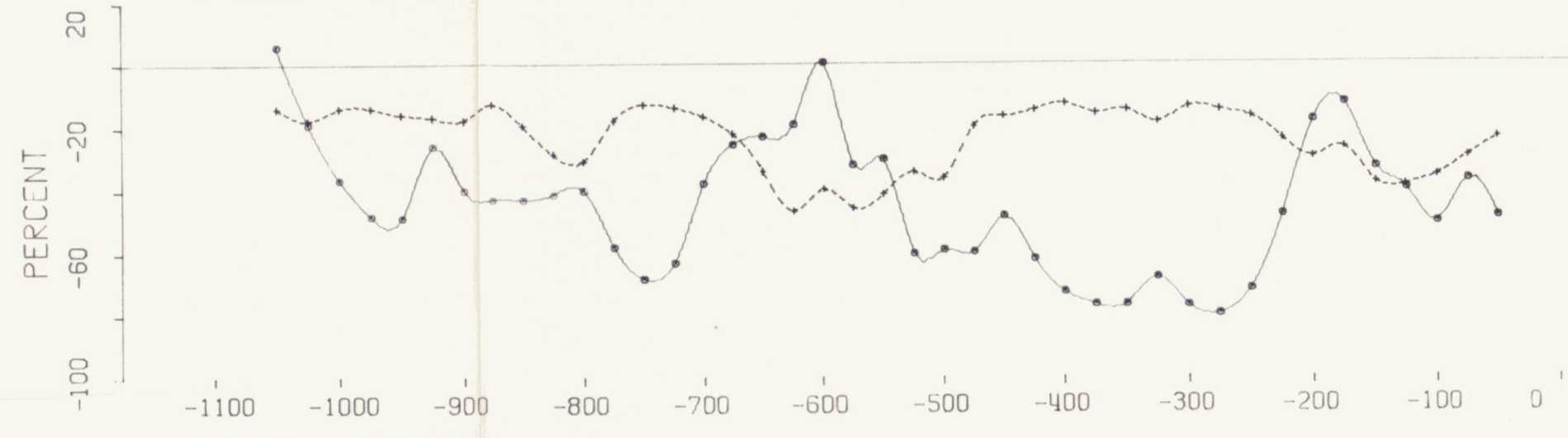
MAGNETICS



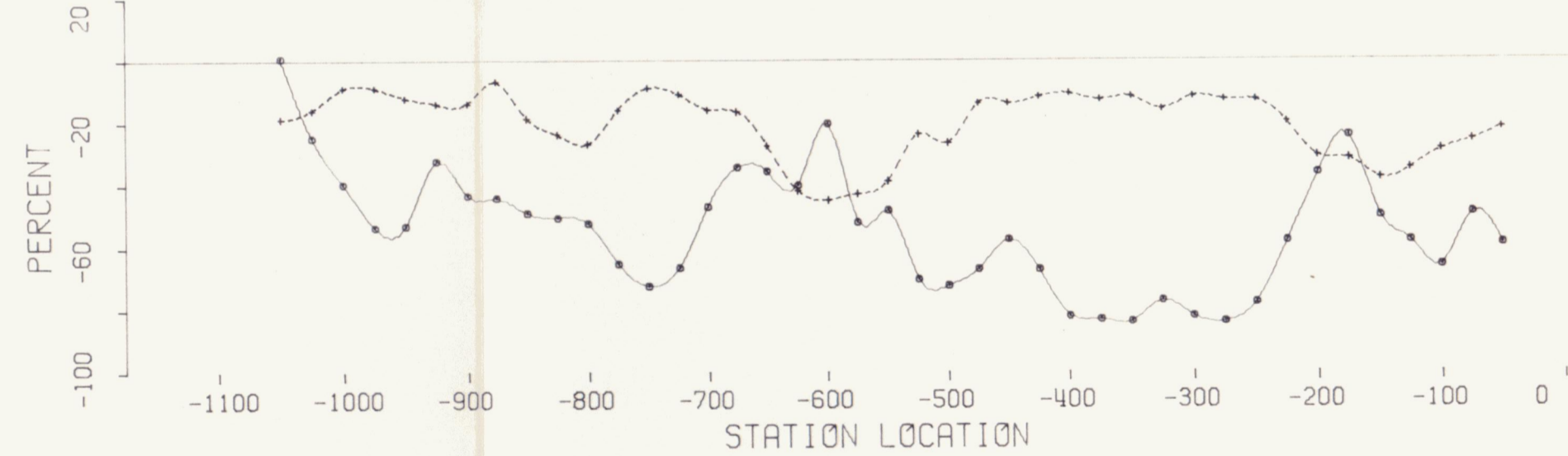
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

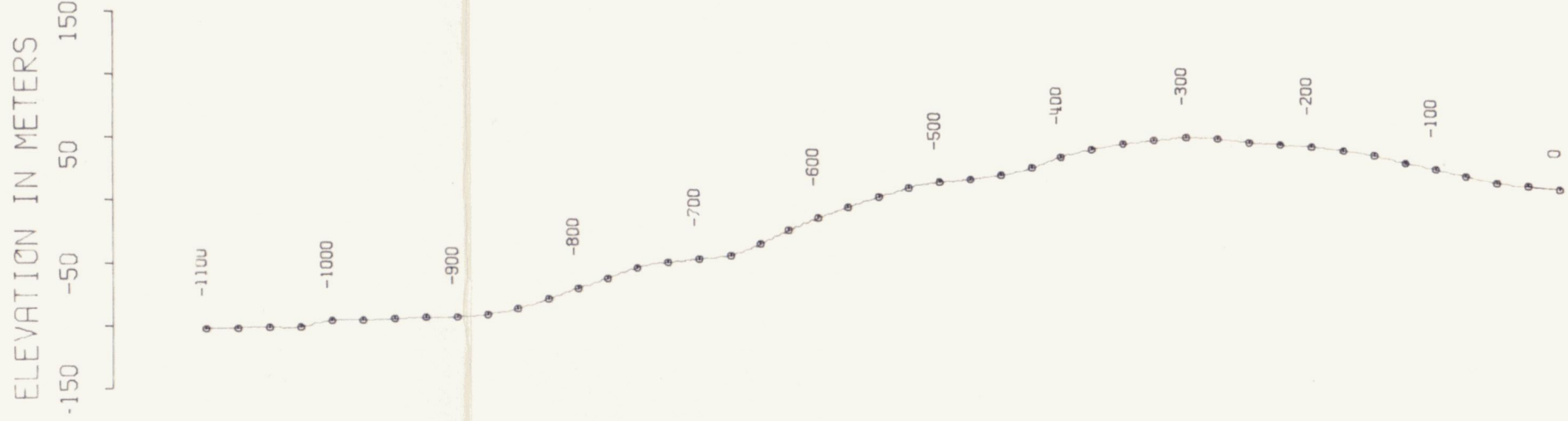


FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



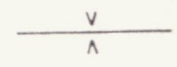



SELWYN PROJECT -- BUM GRID LINE 600 EAST

TOPOGRAPHY

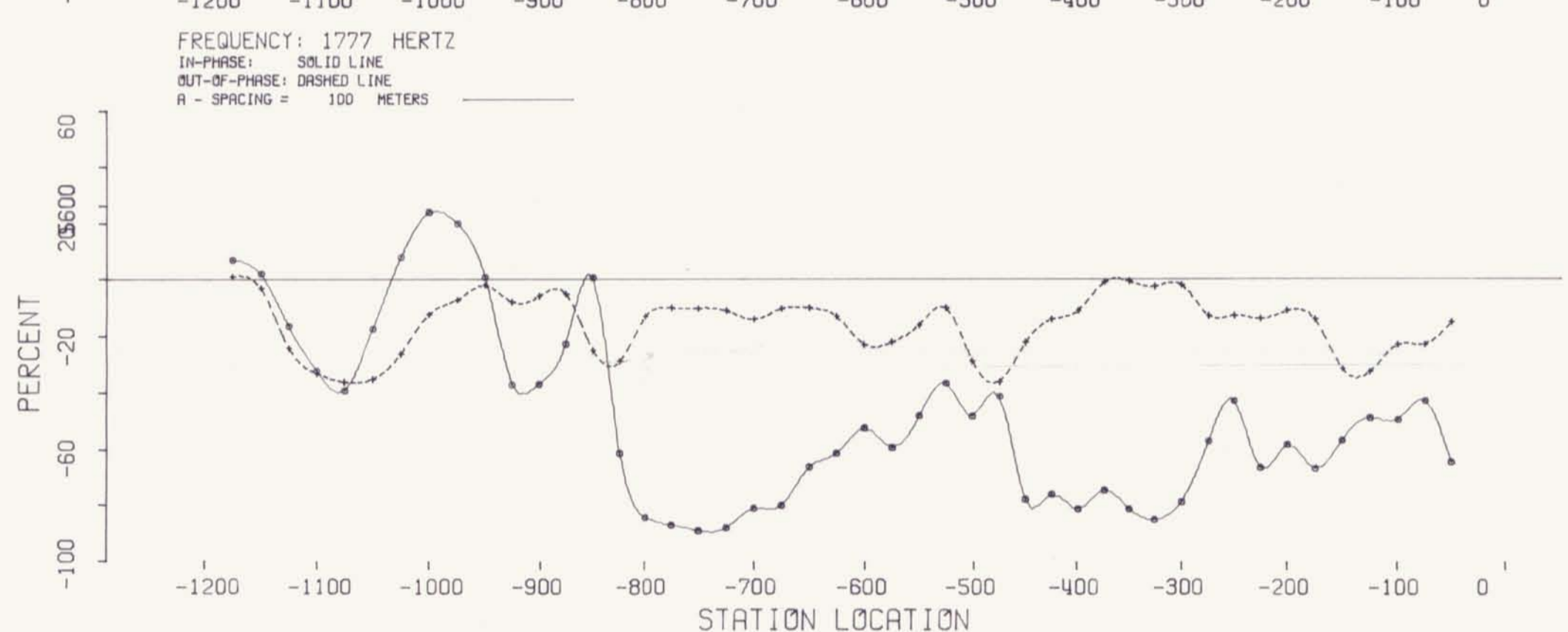
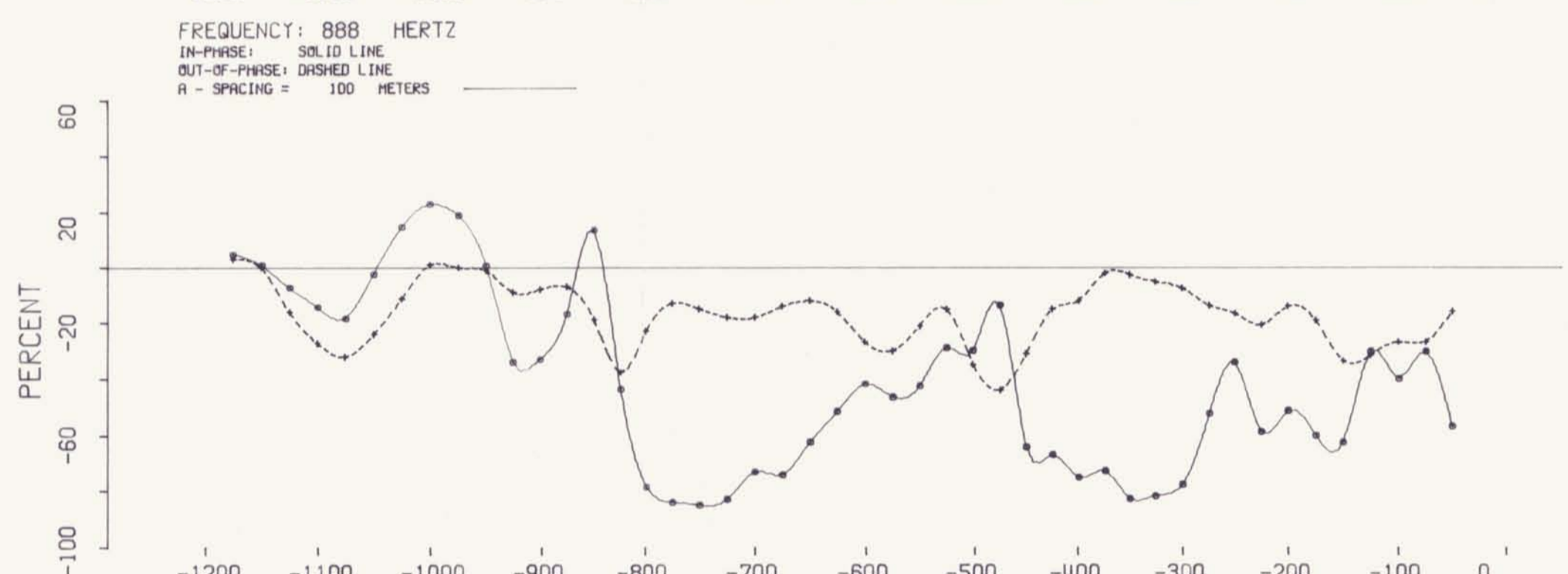
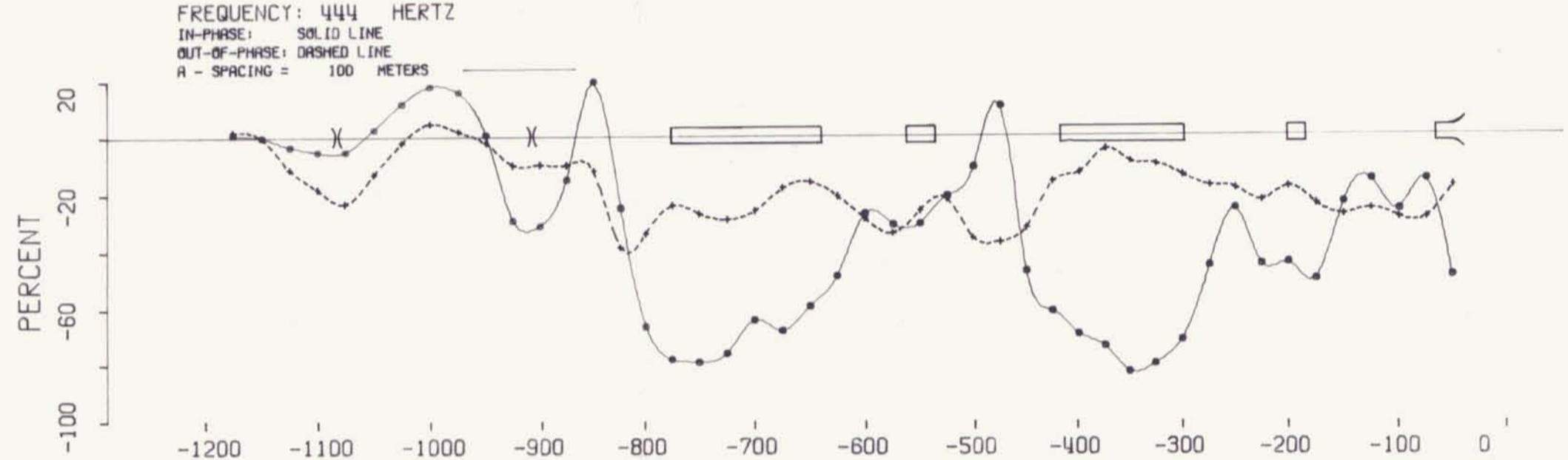
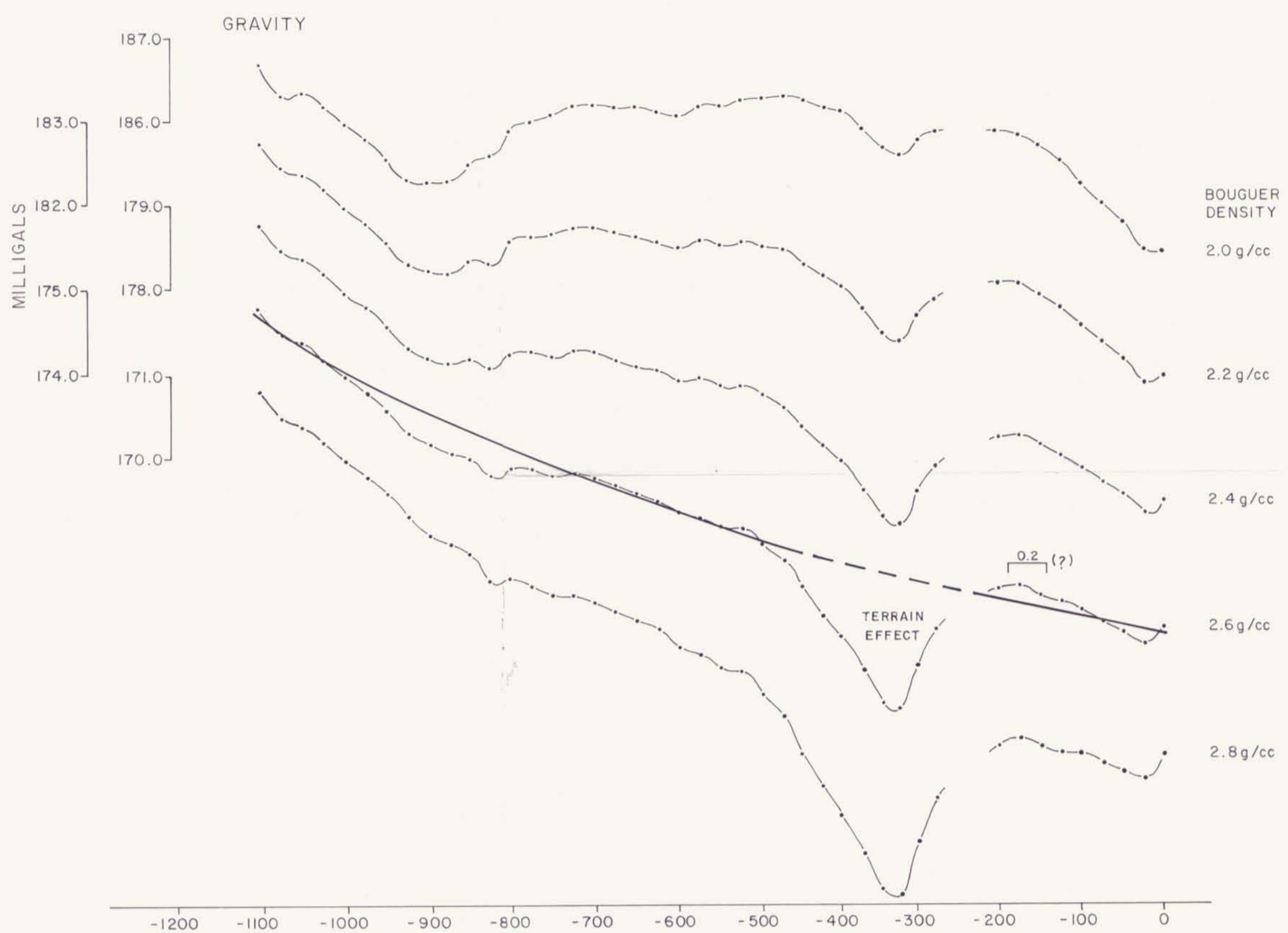
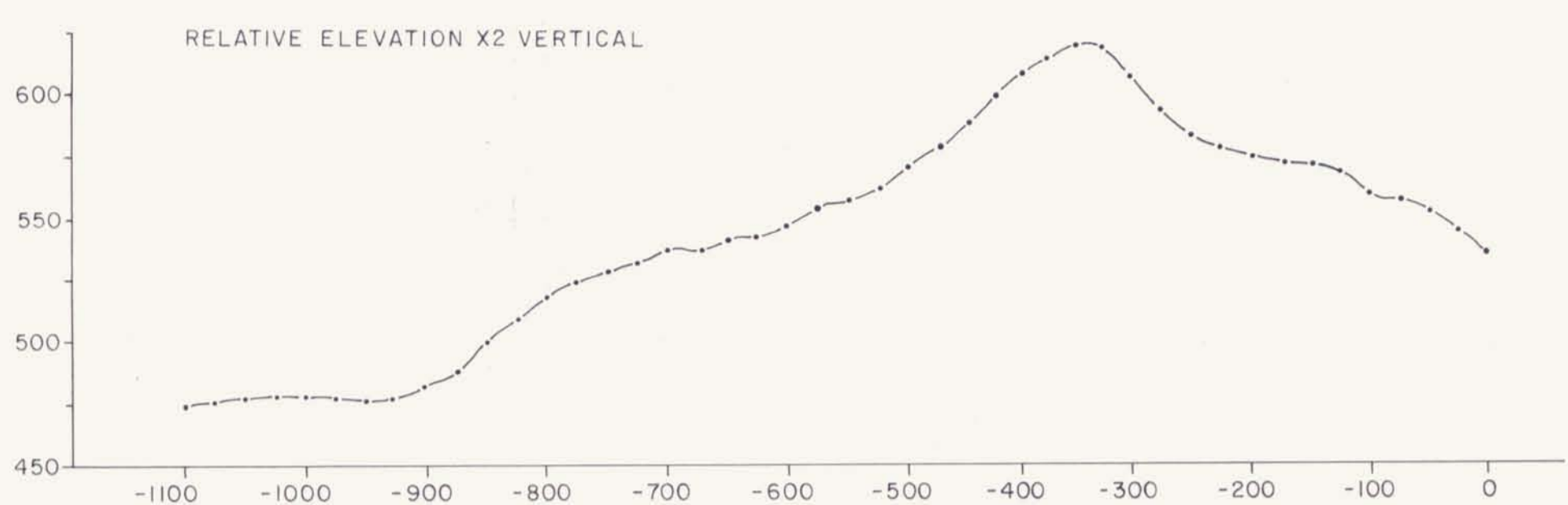


LEGEND

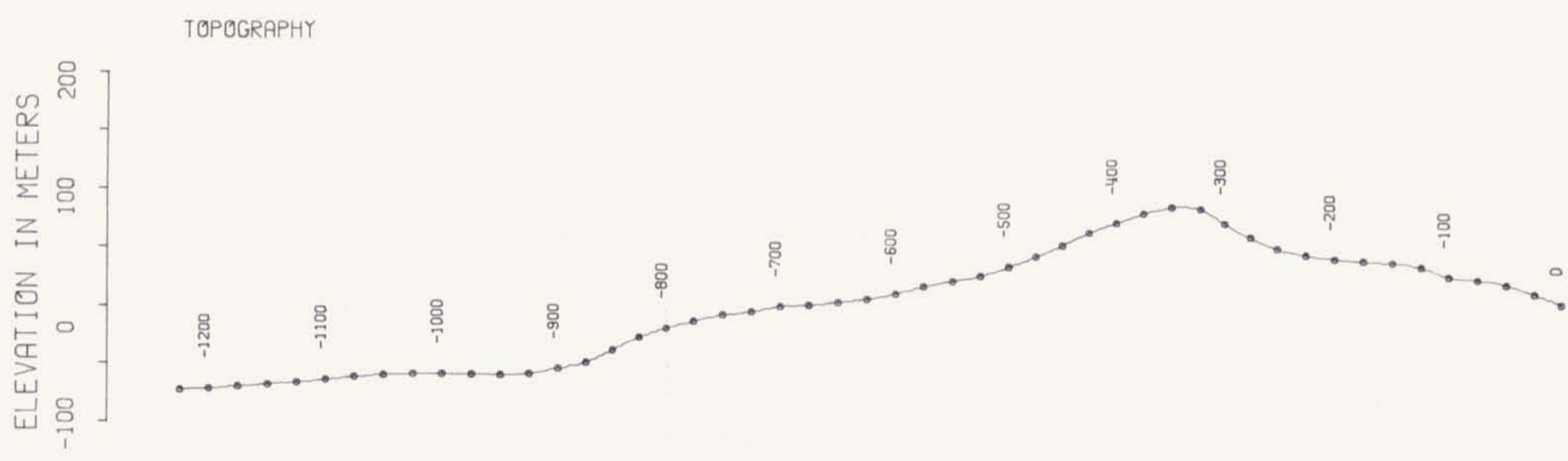
-  Broad HLEM Conductor (I/P a 444 Hz)
-  Narrow HLEM Conductor (I/P a 444 Hz)
-  Weak HLEM Conductor

ANACONDA Canada Exploration Ltd. 		
SELWYN PROJECT		
BUM GRID LINE 600 E		
geology by: A.S.	drawn by: D.C.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	fig./proj. no. 8

091481



SELWYN PROJECT -- BUM GRID LINE 400 EAST



- LEGEND**
- Broad HLEM Conductor (1/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor
 - Residual Gravity High and Amplitude (milligals)

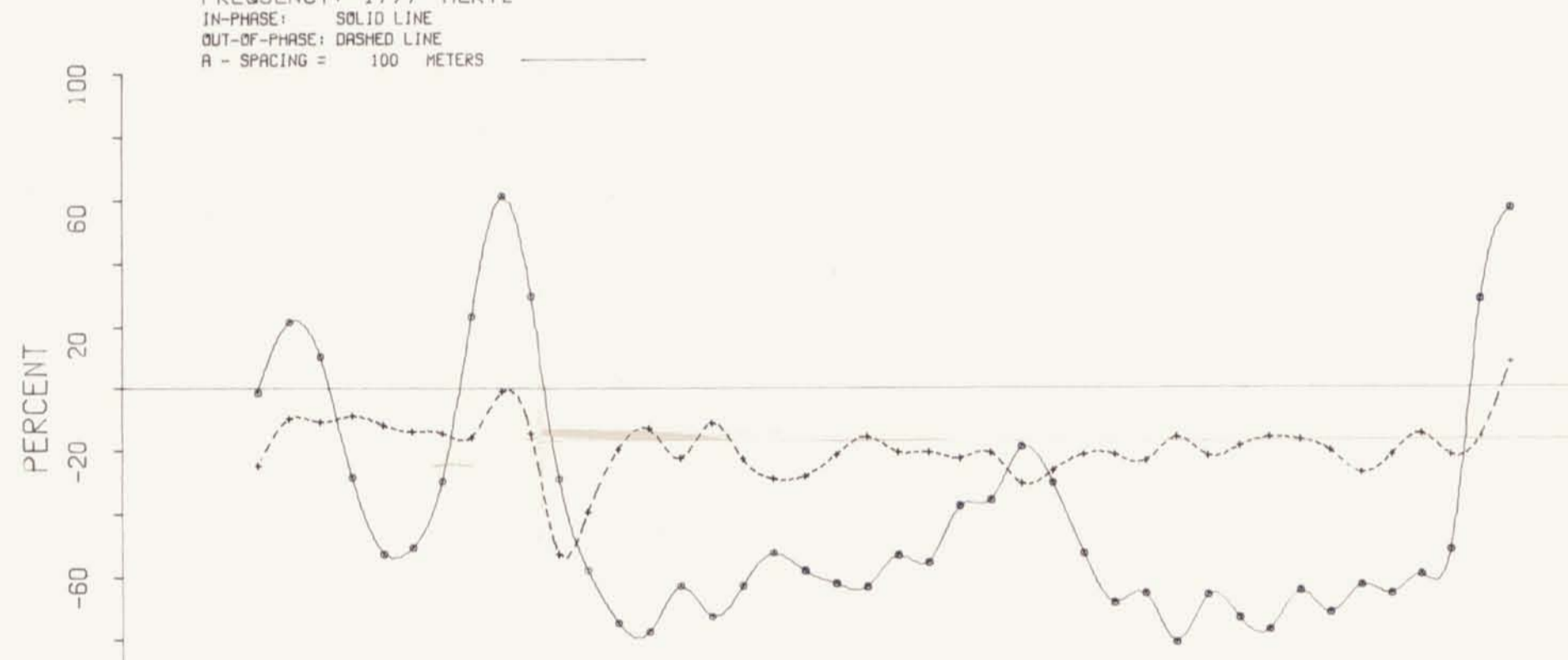
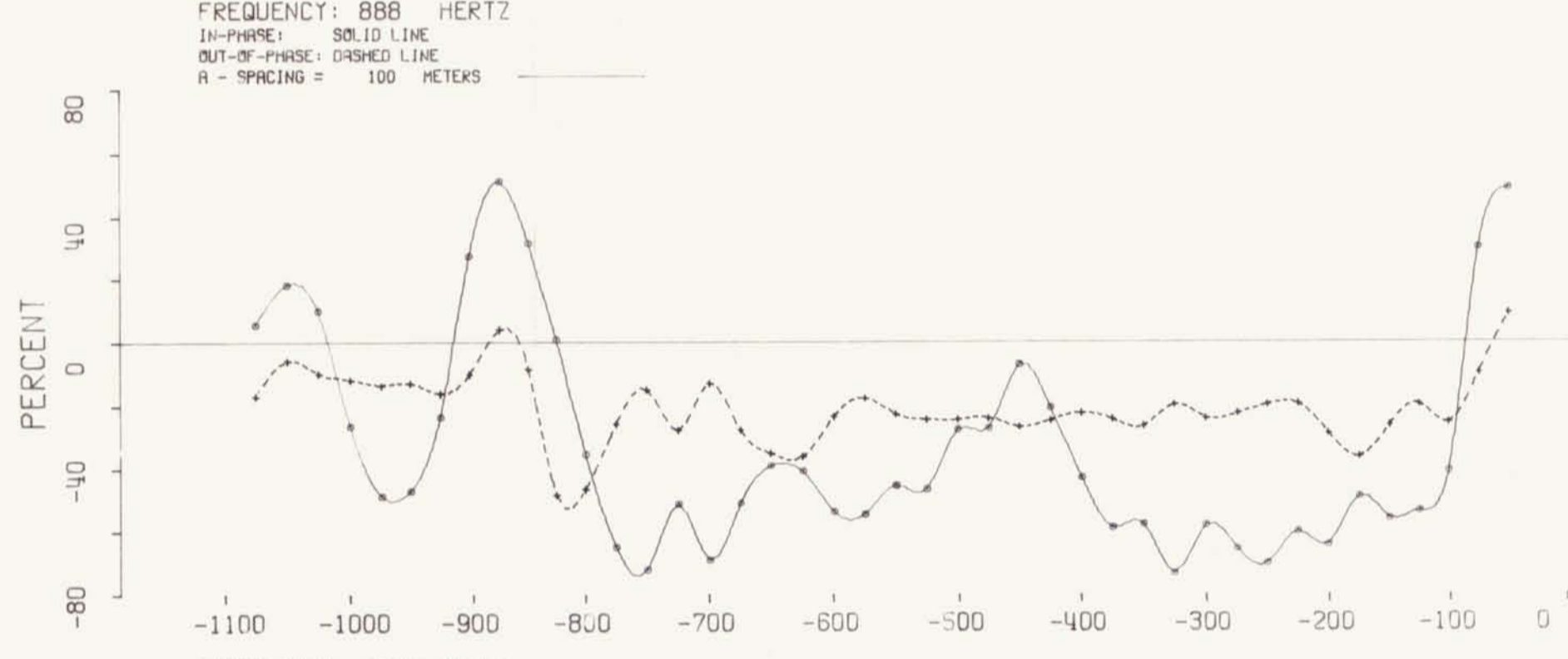
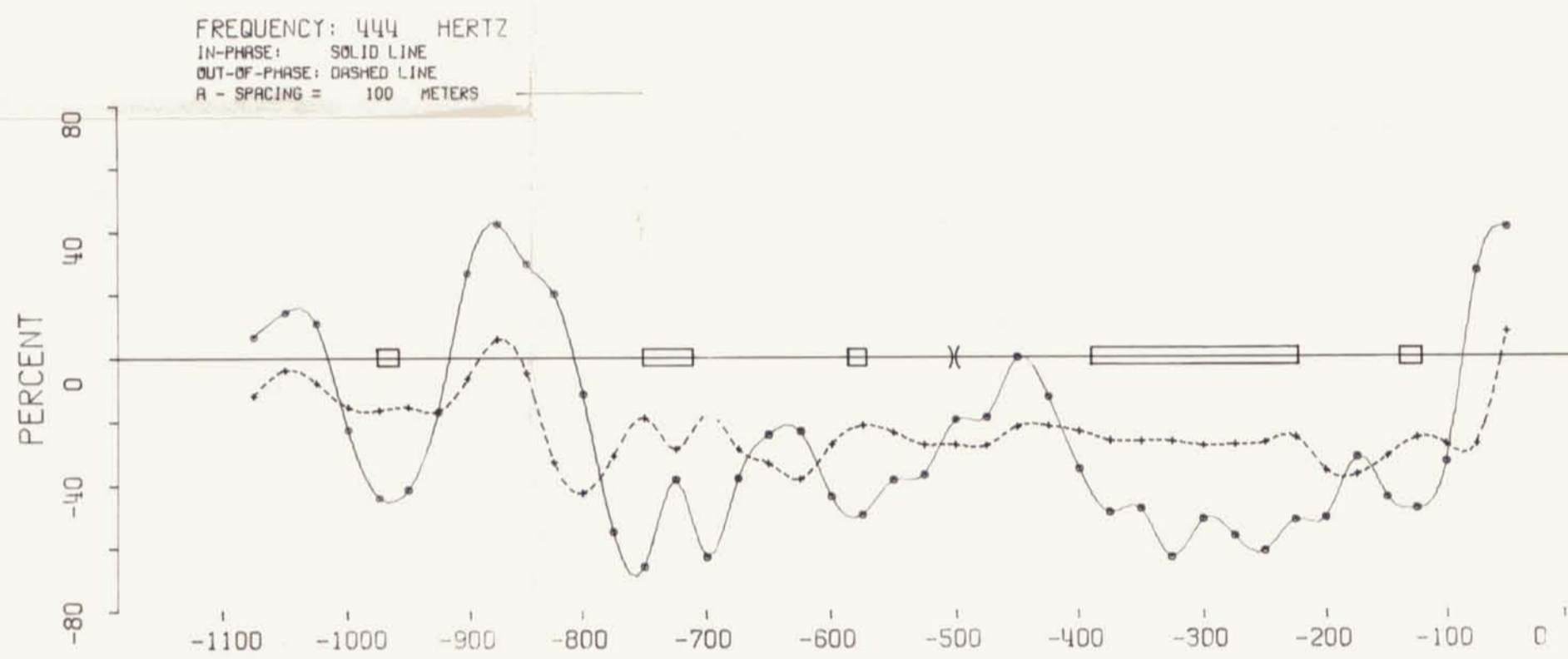
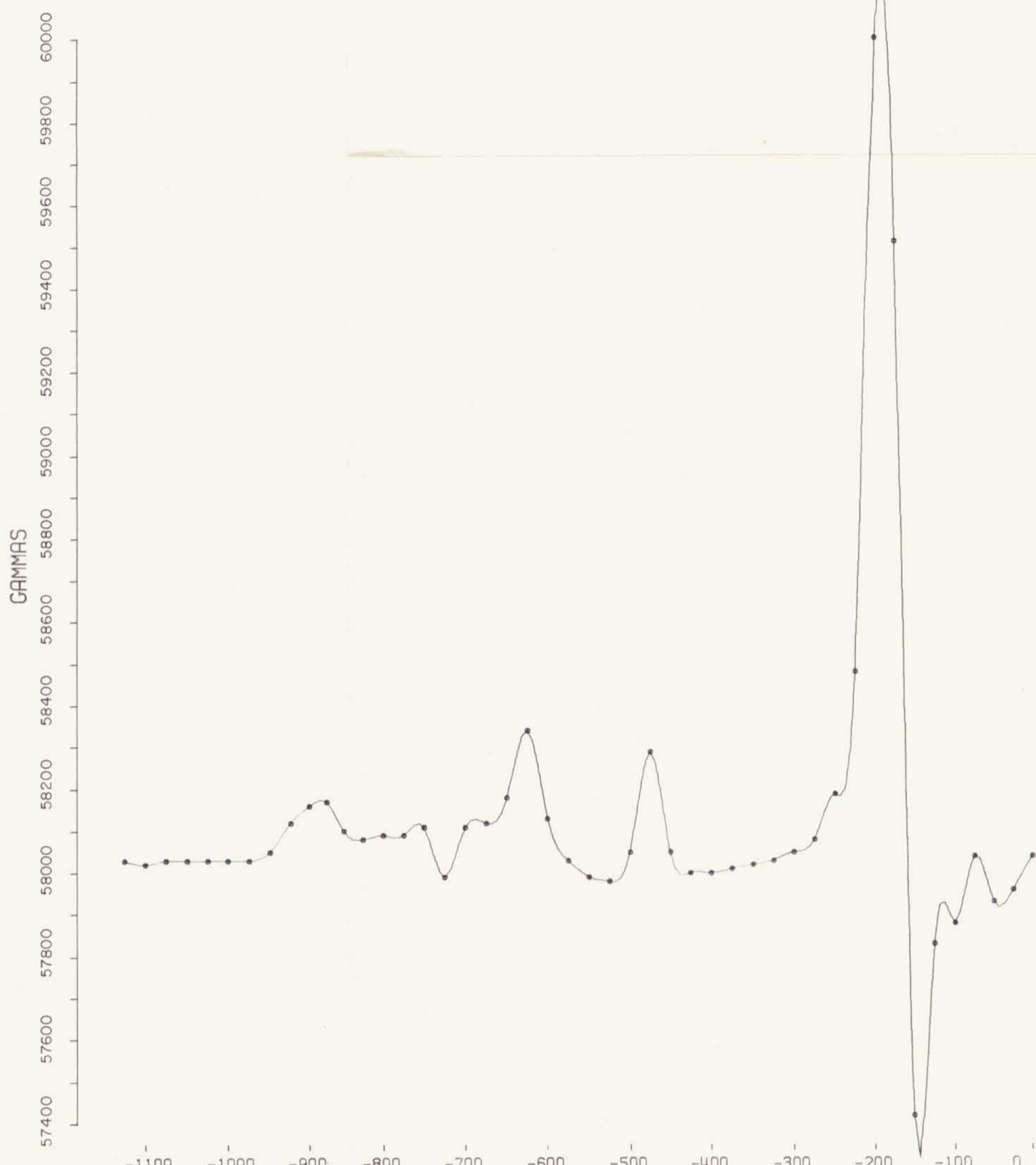
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

BUM GRID LINE 400 E

geology by: A. S.	drawn by: D. C.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 9

MAGNETICS


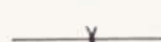
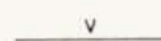



SELWYN PROJECT -- BUM GRID LINE 200 EAST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P @ 444 Hz)
-  Narrow HLEM Conductor (I/P @ 444 Hz)
-  Weak HLEM Conductor

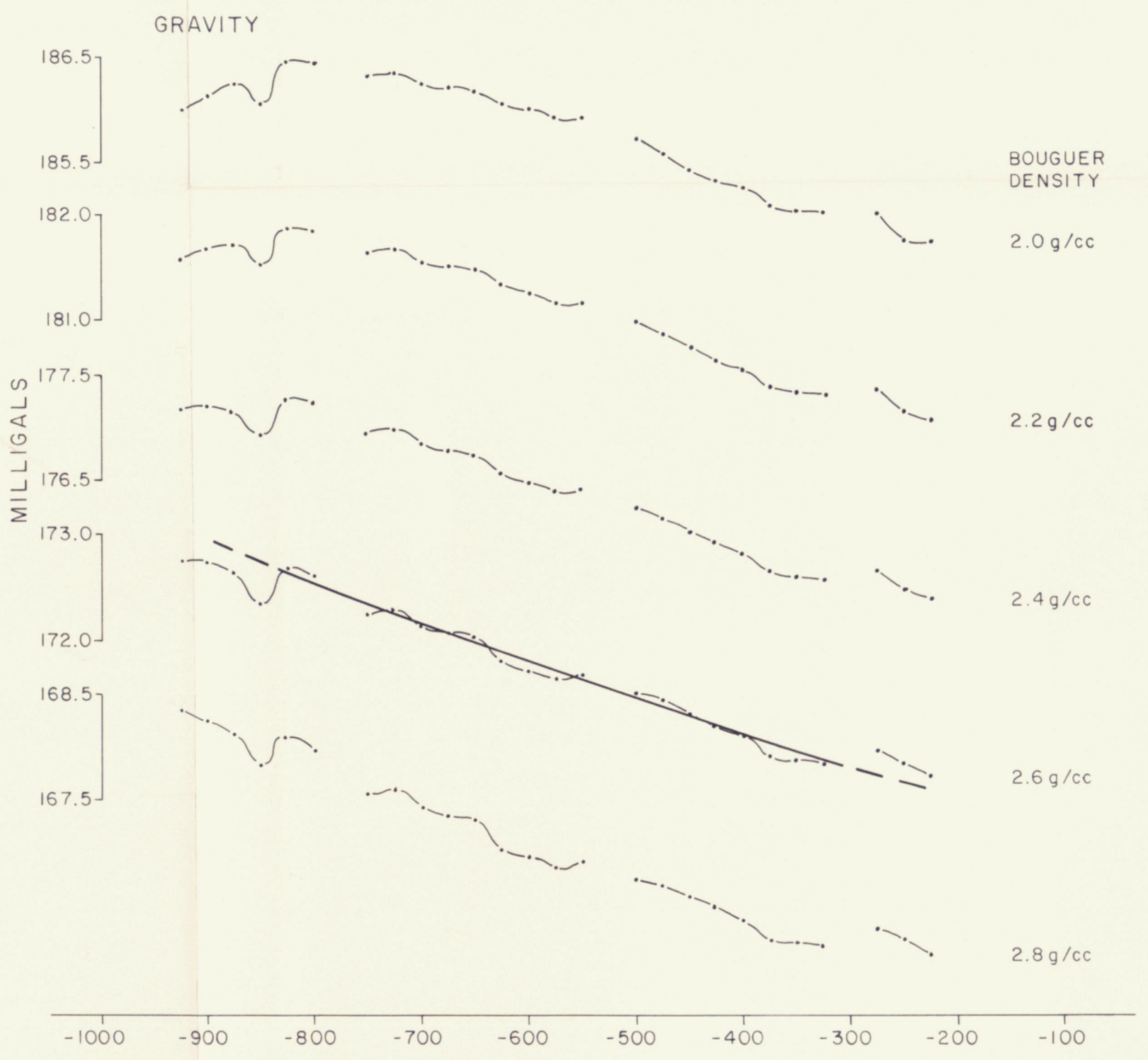
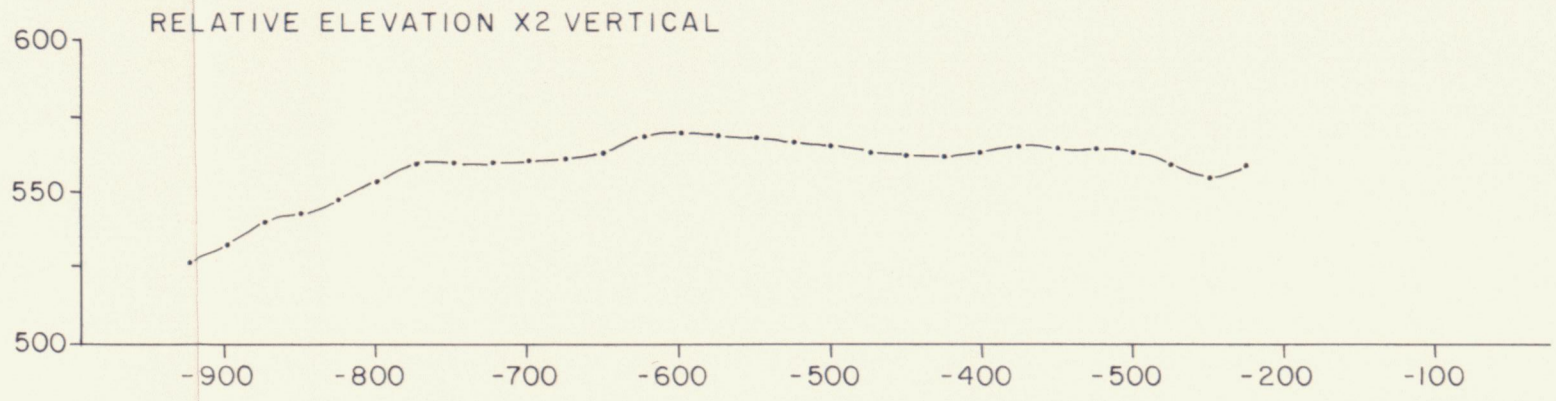
ANACONDA Canada Exploration Ltd. 

SELWYN PROJECT

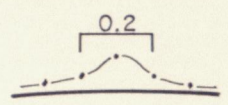
BUM GRID LINE 200 E

geology by: A. S.	drawn by: E. W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 10

091461



LEGEND

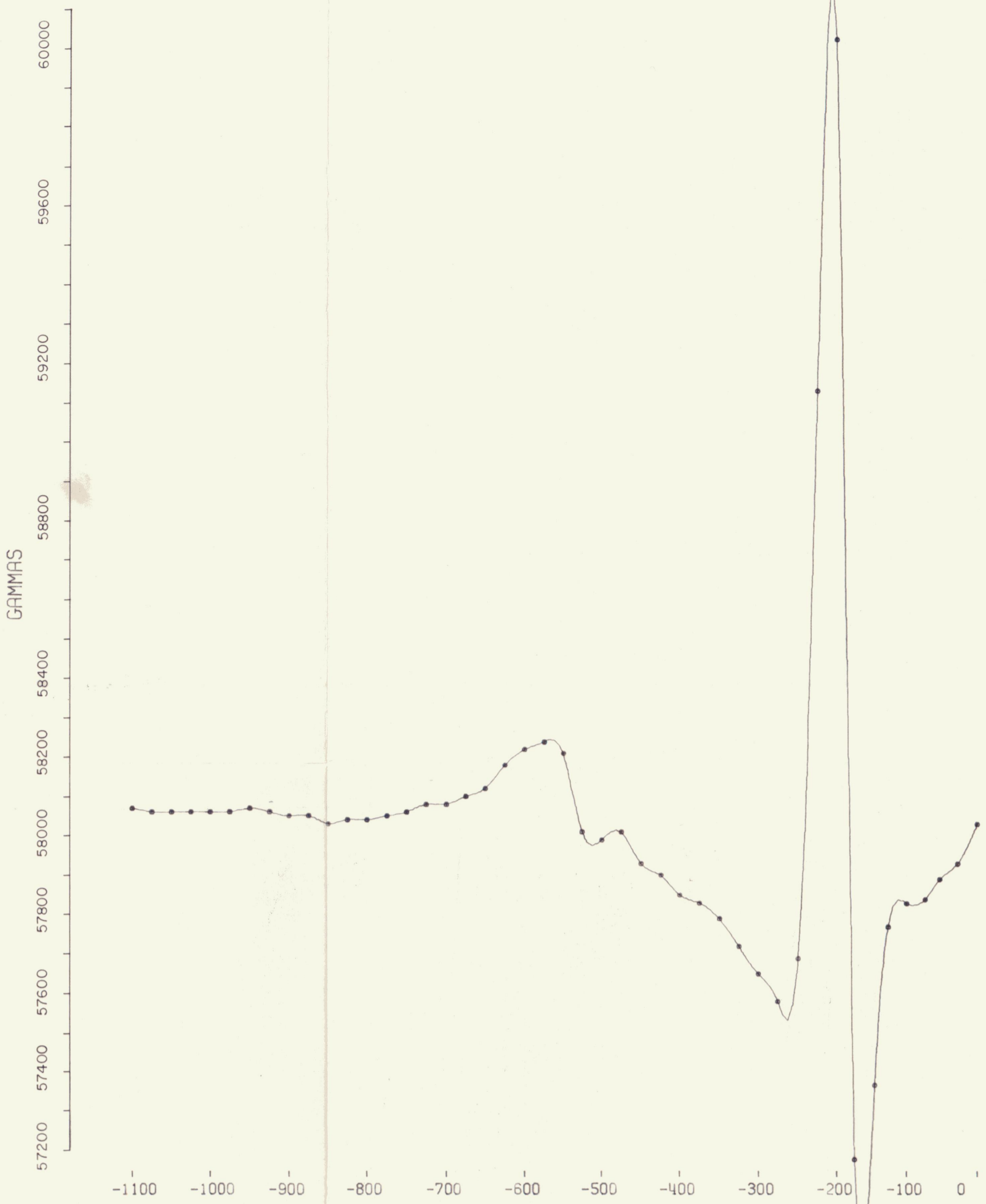


Residual Gravity High and Amplitude (milligals)

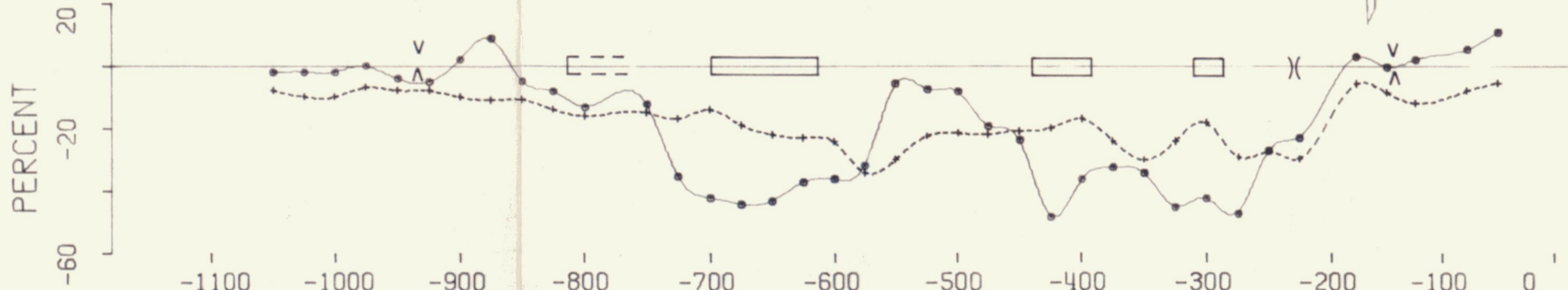
091461'

ANACONDA Canada Exploration Ltd.		
SELWYN PROJECT		
BUM GRID LINE 0		
geology by: A.S.	drawn by: D.M.C.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 11

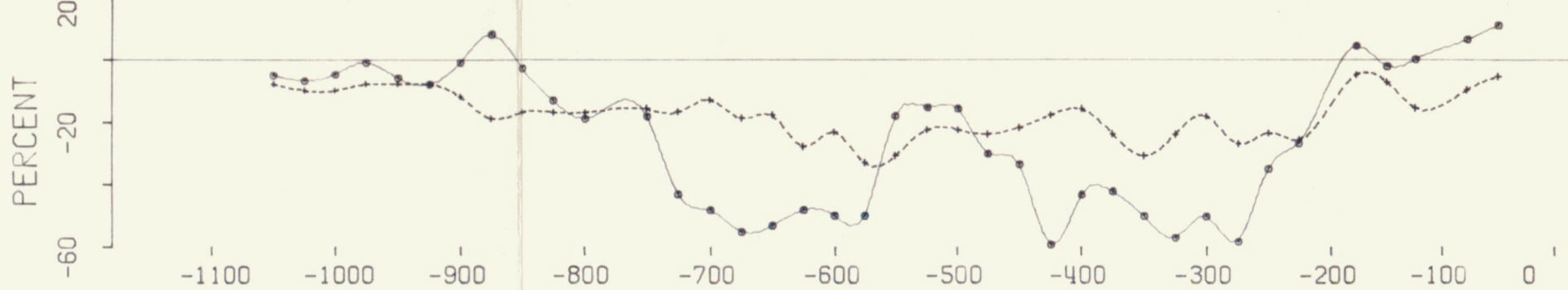
MAGNETICS



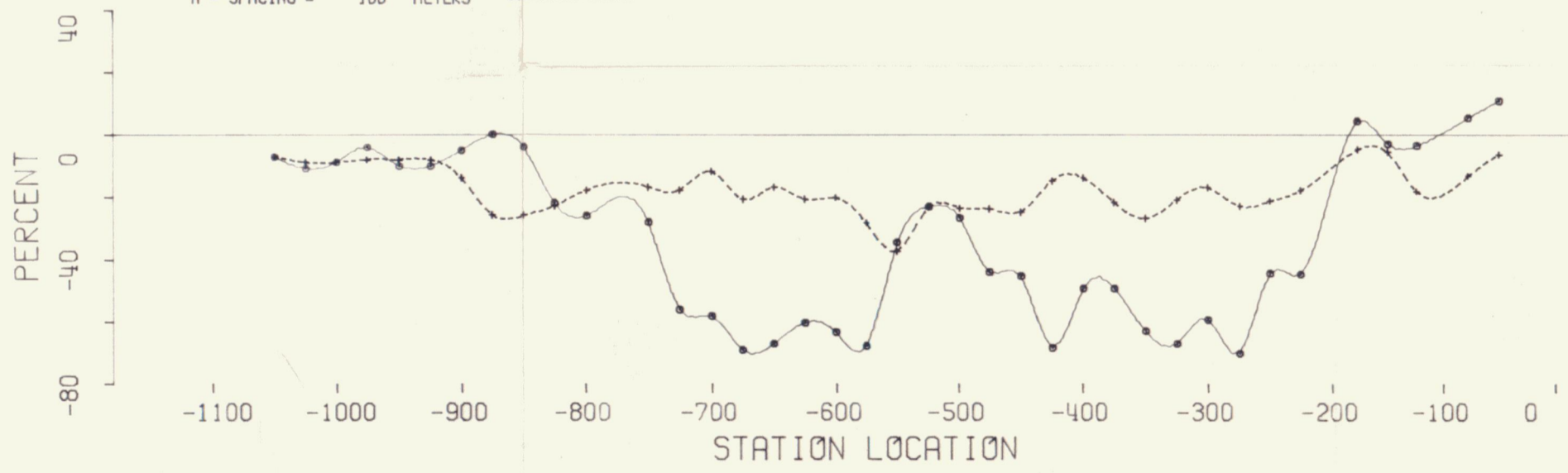
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



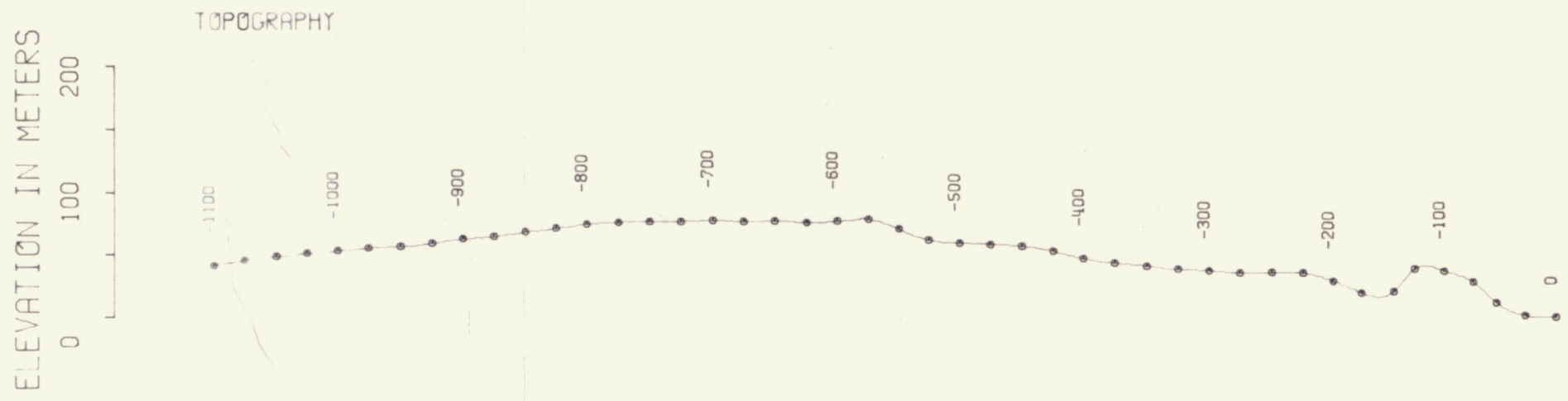
FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



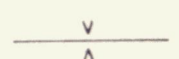



SELWYN PROJECT -- BUM GRID LINE 200 WEST



TOPOGRAPHY

LEGEND

-  Broad HLEM Conductor (1/P a 444 Hz)
-  Narrow HLEM Conductor (1/P a 444 Hz)
-  Weak HLEM Conductor

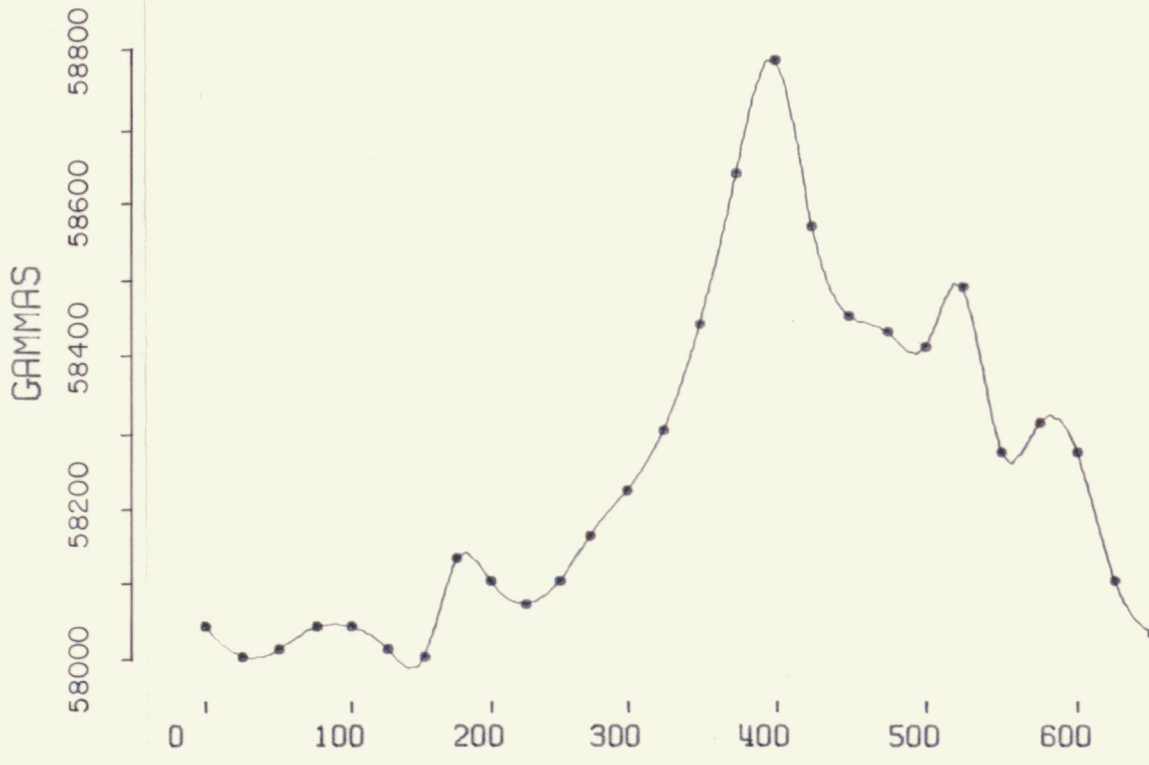
ANACONDA Canada Exploration Ltd. 

SELWYN PROJECT
BUM GRID LINE 200 W

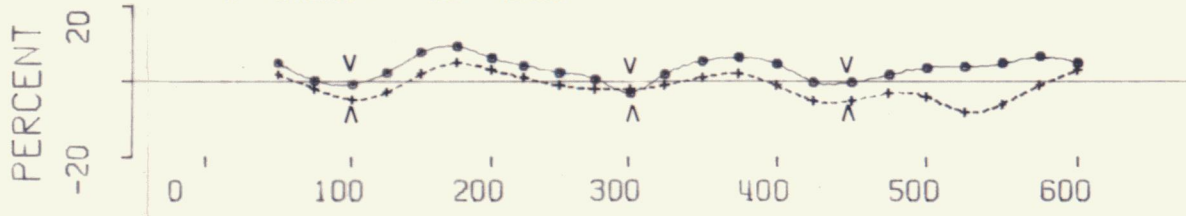
geology by: A. S.	drawn by: E. W.	date: MAY 83
scale: 1: 5,000	n.t.s. 105- - 14	fig./proj. no. 12

091461

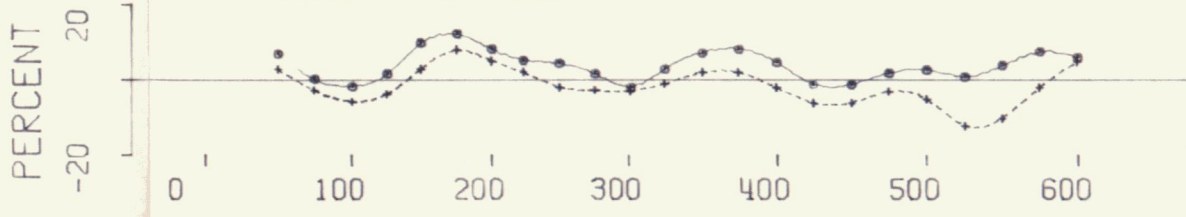
MAGNETICS



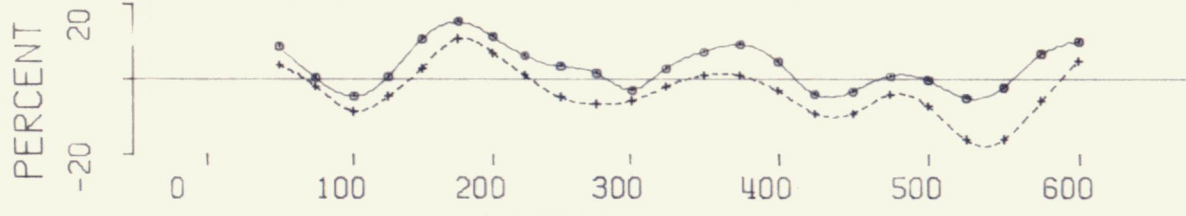
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



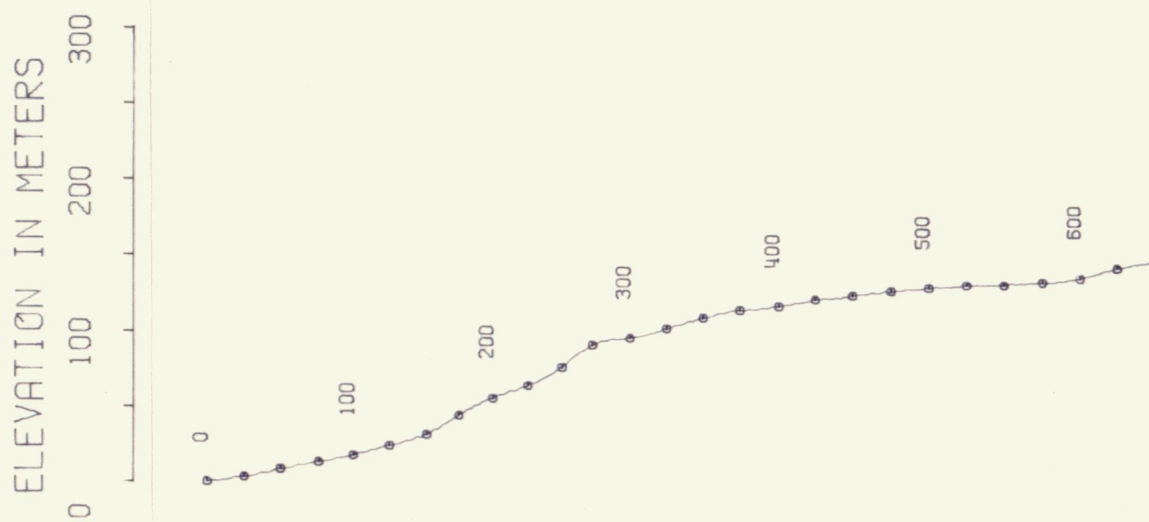
FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS





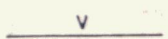
STATION LOCATION

SELWYN PROJECT -- BUM GRID LINE 400 W


TOPOGRAPHY

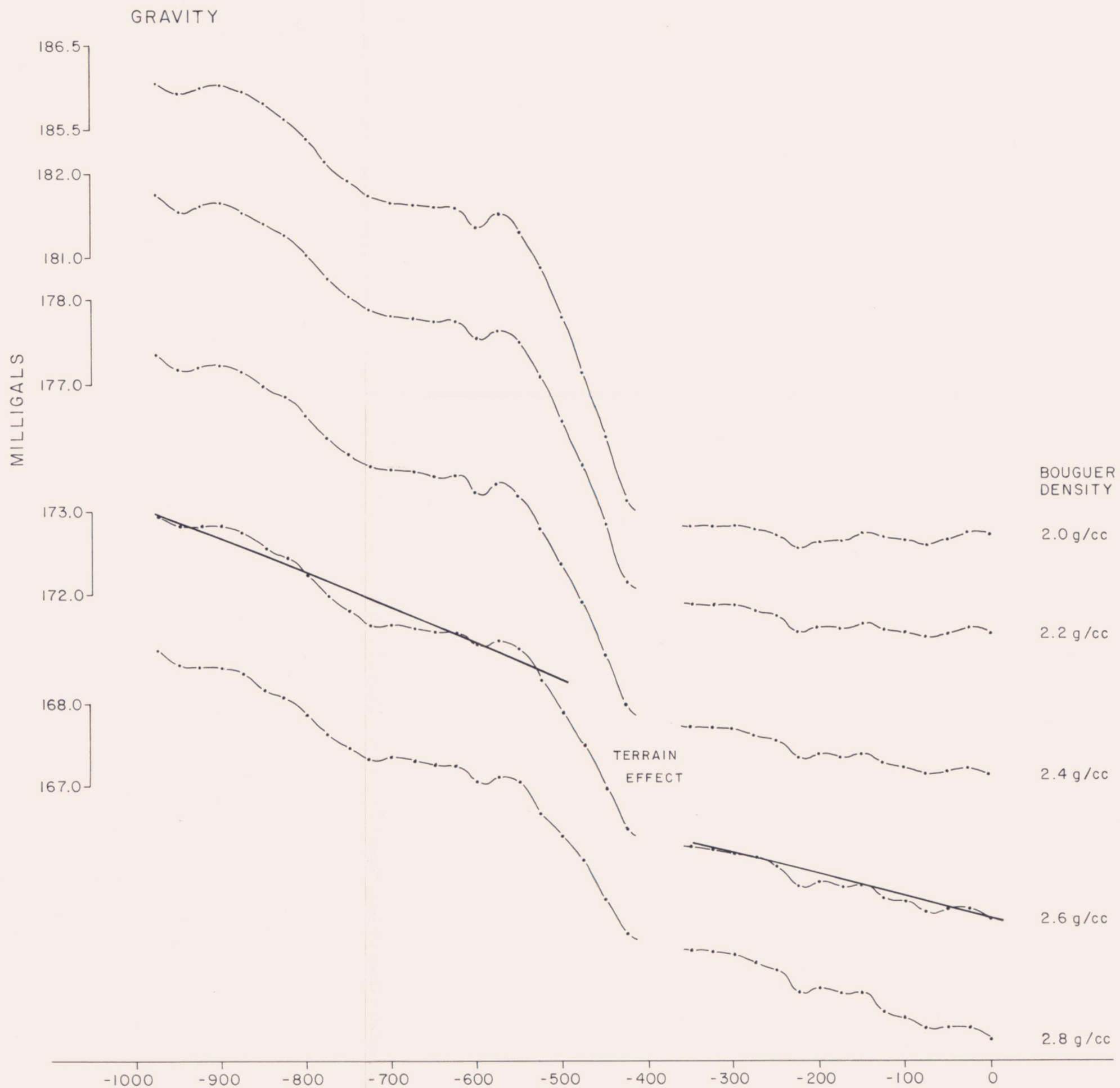
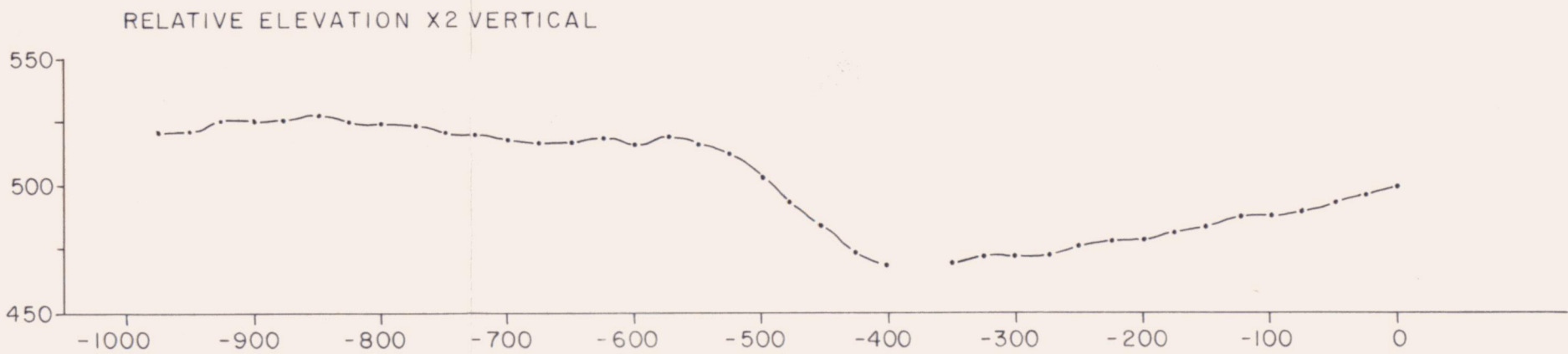


LEGEND

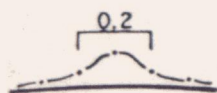
-  Broad HLEM Conductor (I/P @ 444 Hz)
-  Narrow HLEM Conductor (I/P @ 444 Hz)
-  Weak HLEM Conductor

091461

ANACONDA Canada Exploration Ltd. 		
SELWYN PROJECT		
BUM GRID LINE 400 W		
geology by: A.S.	drawn by: E.B.W.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	fig./proj. no. 13a



LEGEND



Residual Gravity High and Amplitude (milligals)

091461

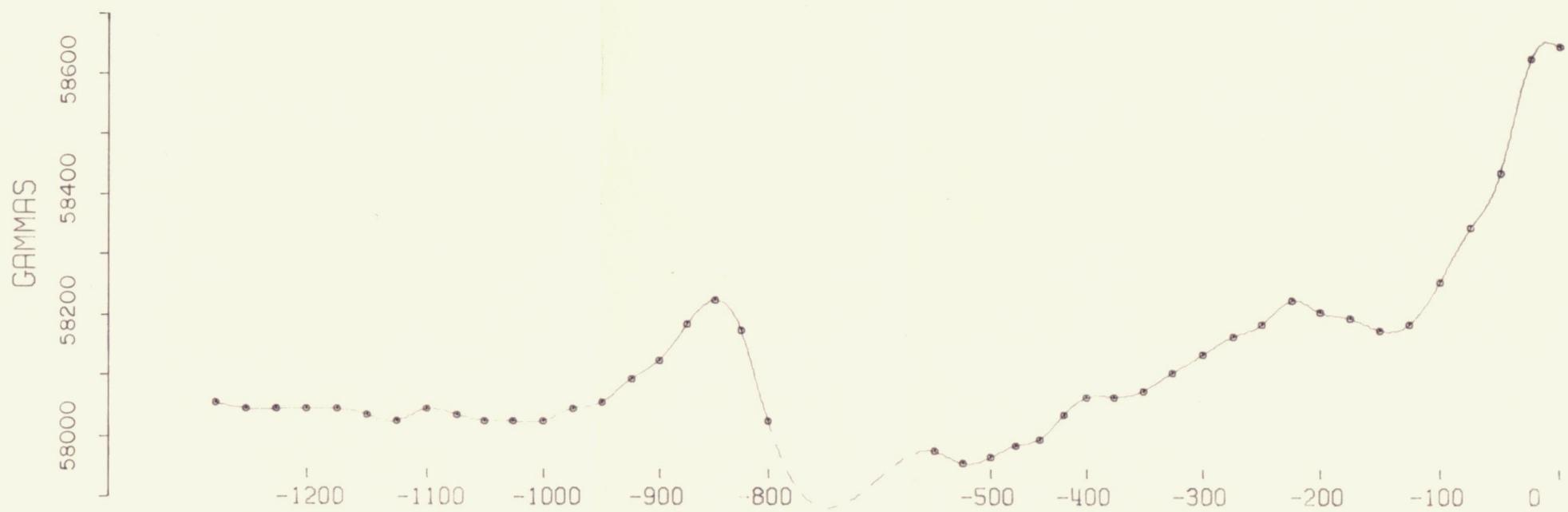
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

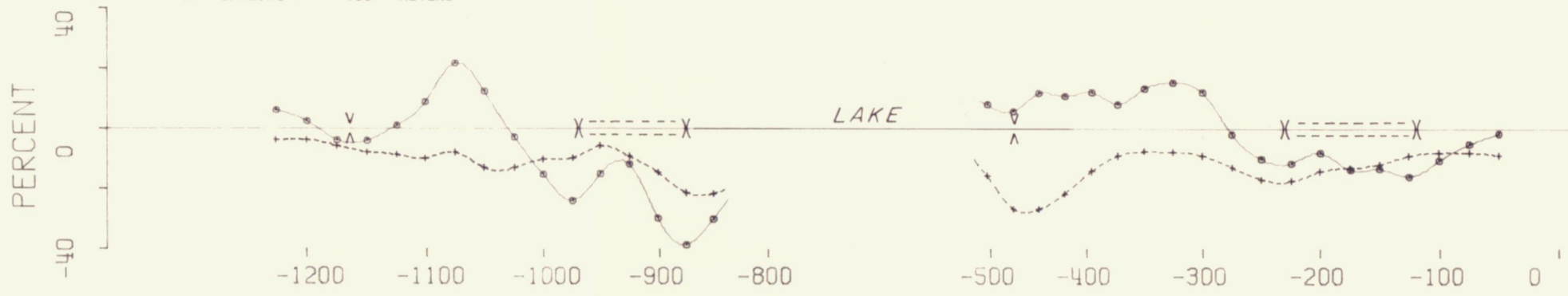
BUM GRID LINE 400W

geology by: A.S.	drawn by: D.M.C.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 13b

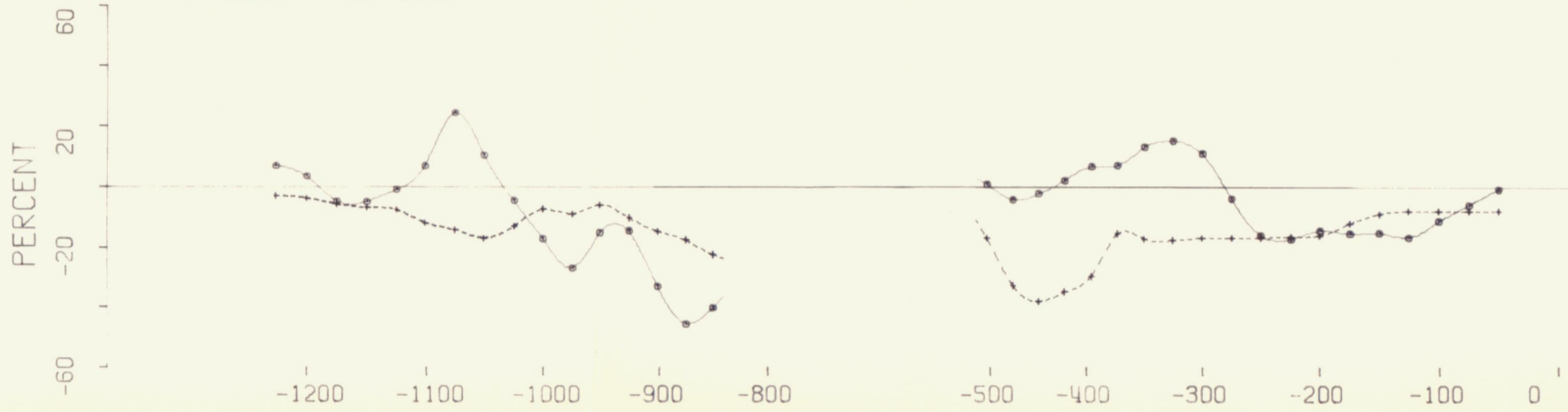
MAGNETICS



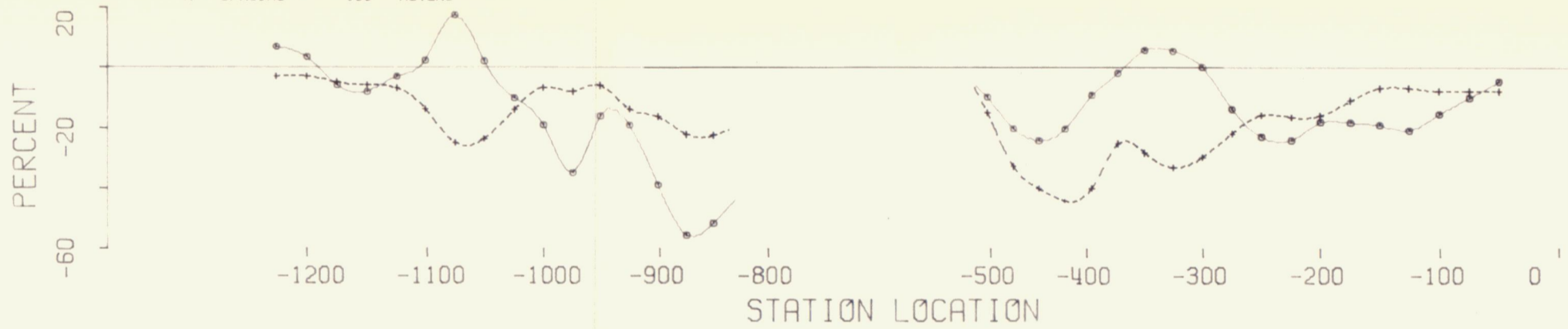
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

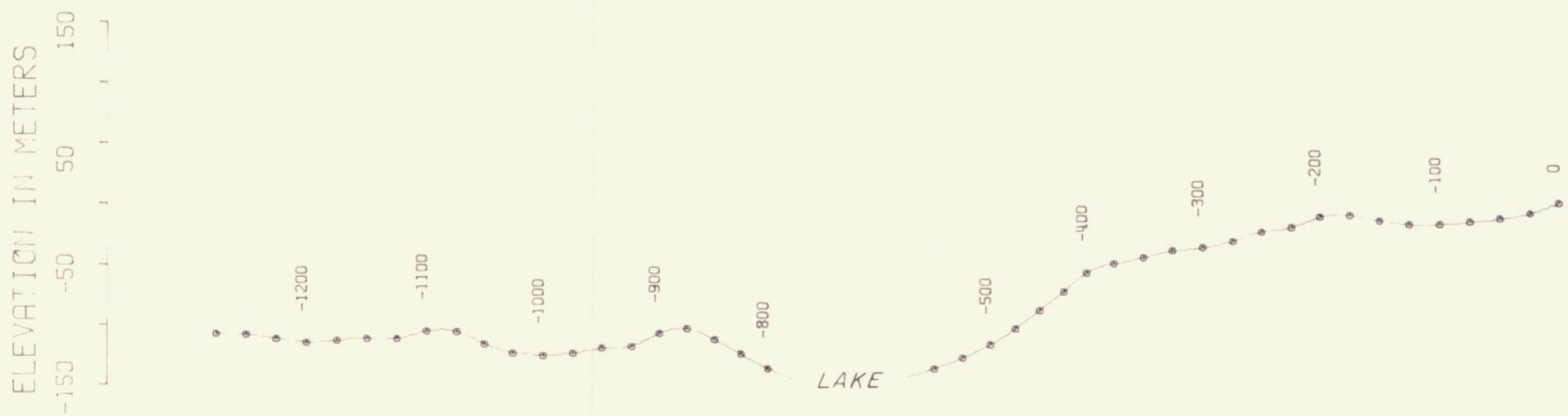


FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

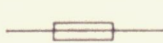

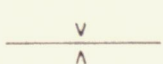


SELWYN PROJECT -- BUM GRID LINE 800 WEST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P a 444 Hz)
-  Narrow HLEM Conductor (I/P a 444 Hz)
-  Weak HLEM Conductor

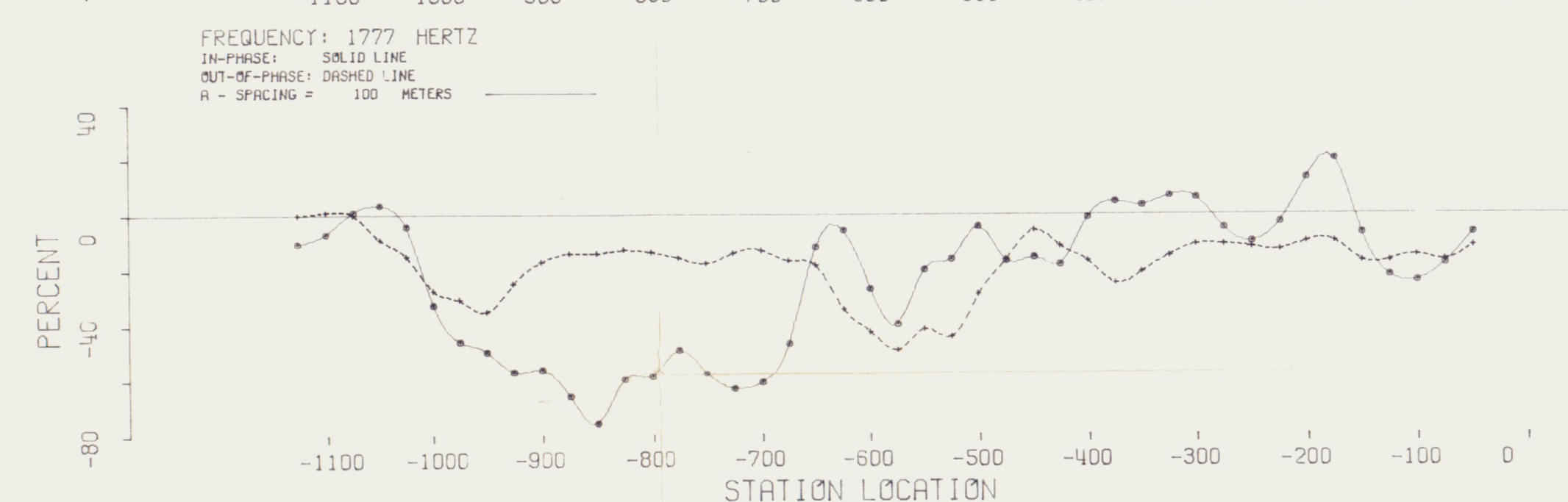
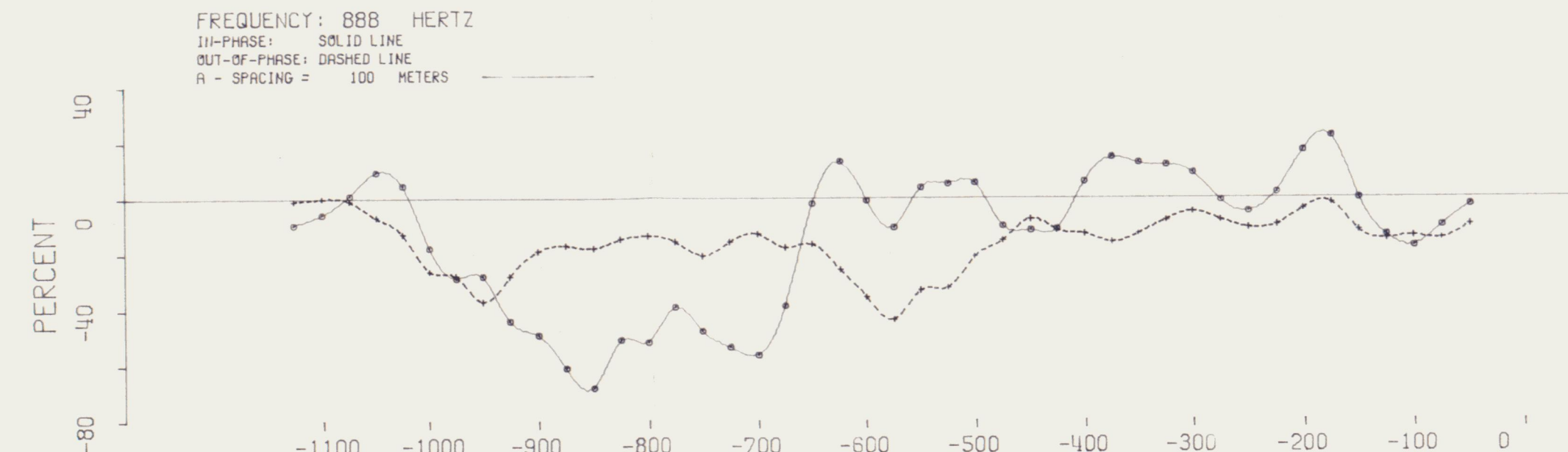
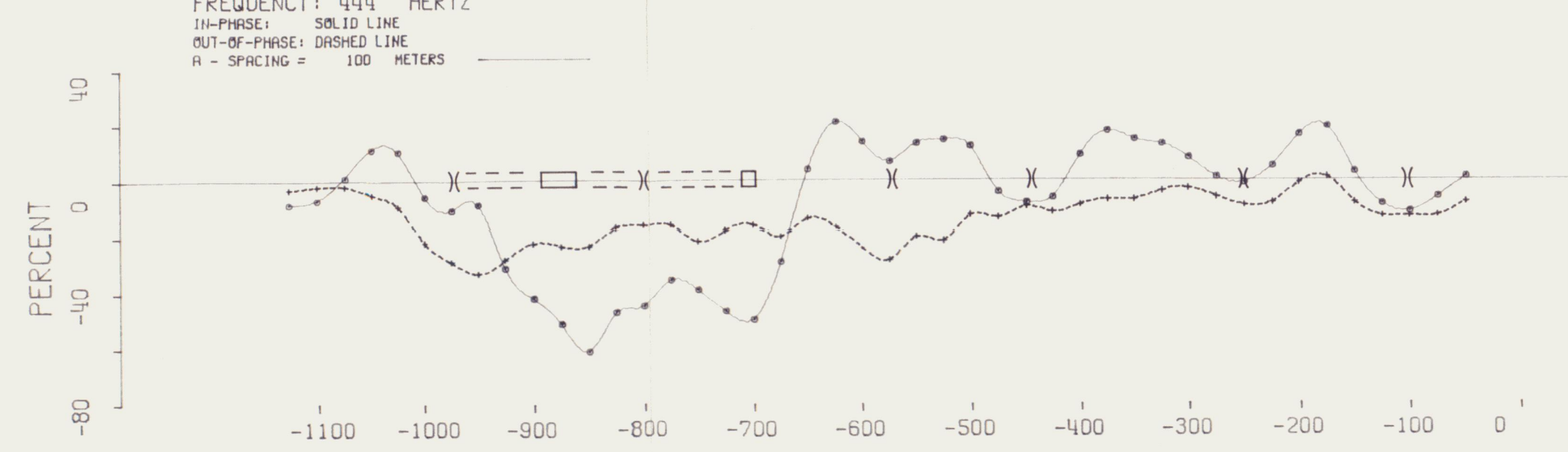
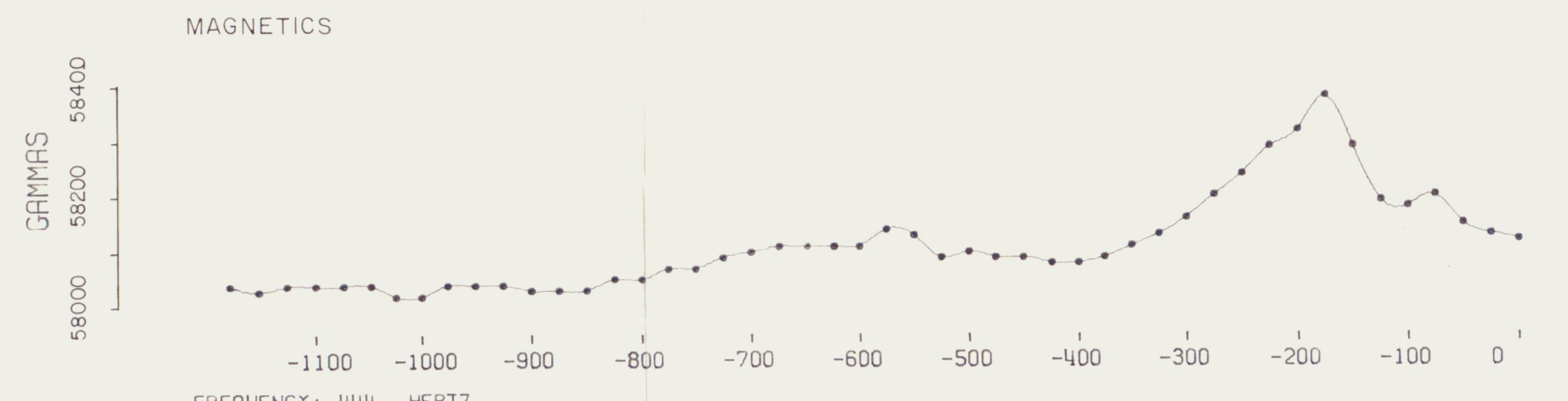
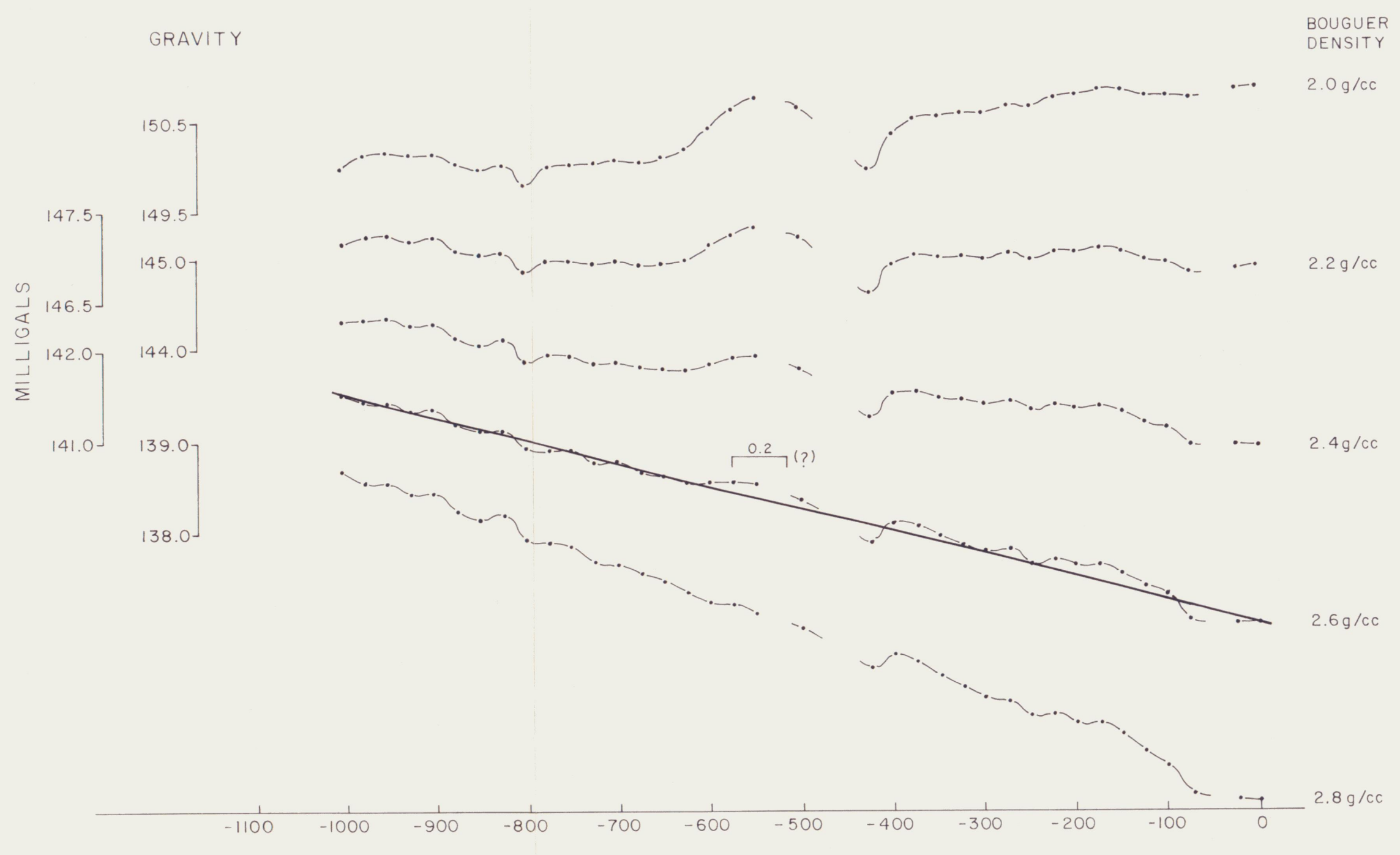
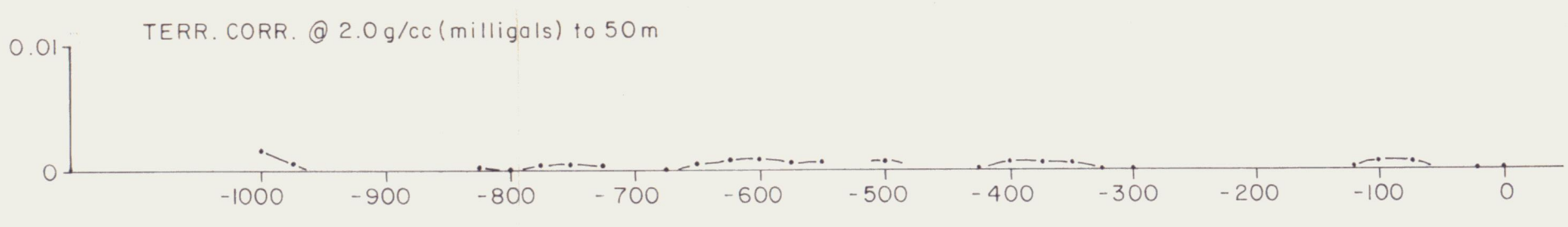
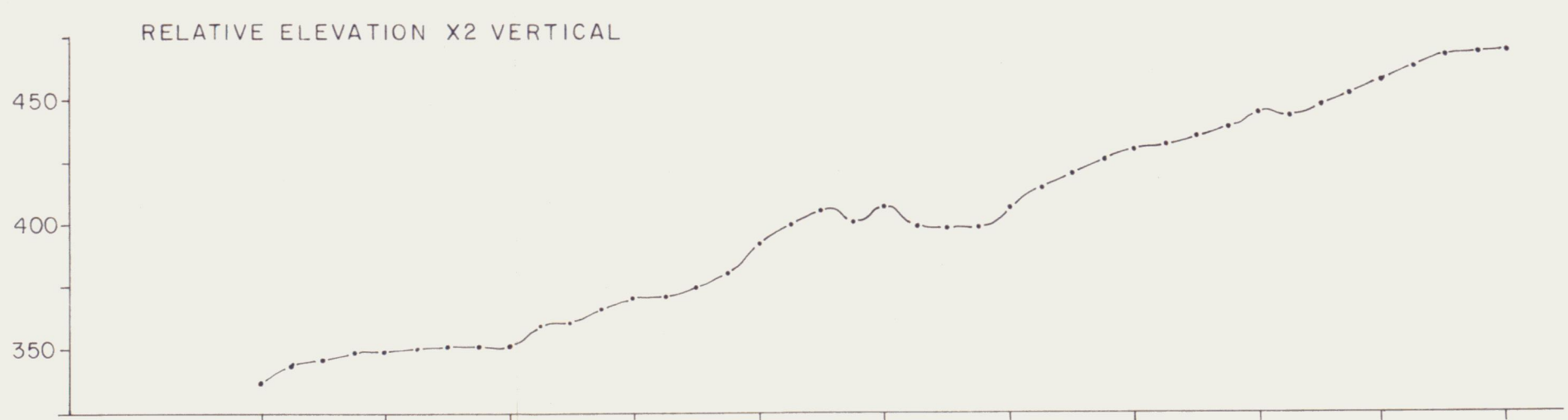
091461
 0.1.1.31

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SELWYN PROJECT

BUM GRID LINE 800 W

geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 14



SELWYN PROJECT -- BUM GRID LINE 1200 WEST



- LEGEND**
- Broad HLEM Conductor (1/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor
 - Residual Gravity High and Amplitude (milligals)

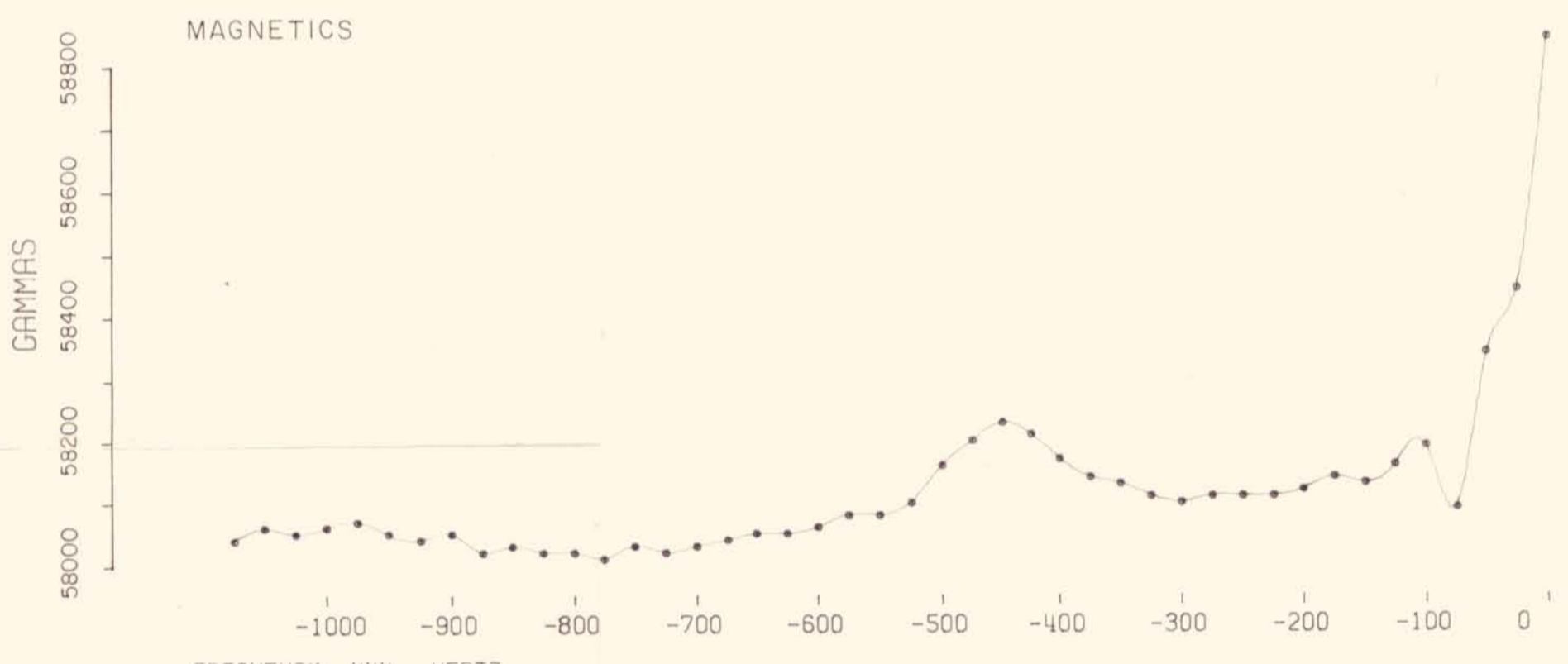
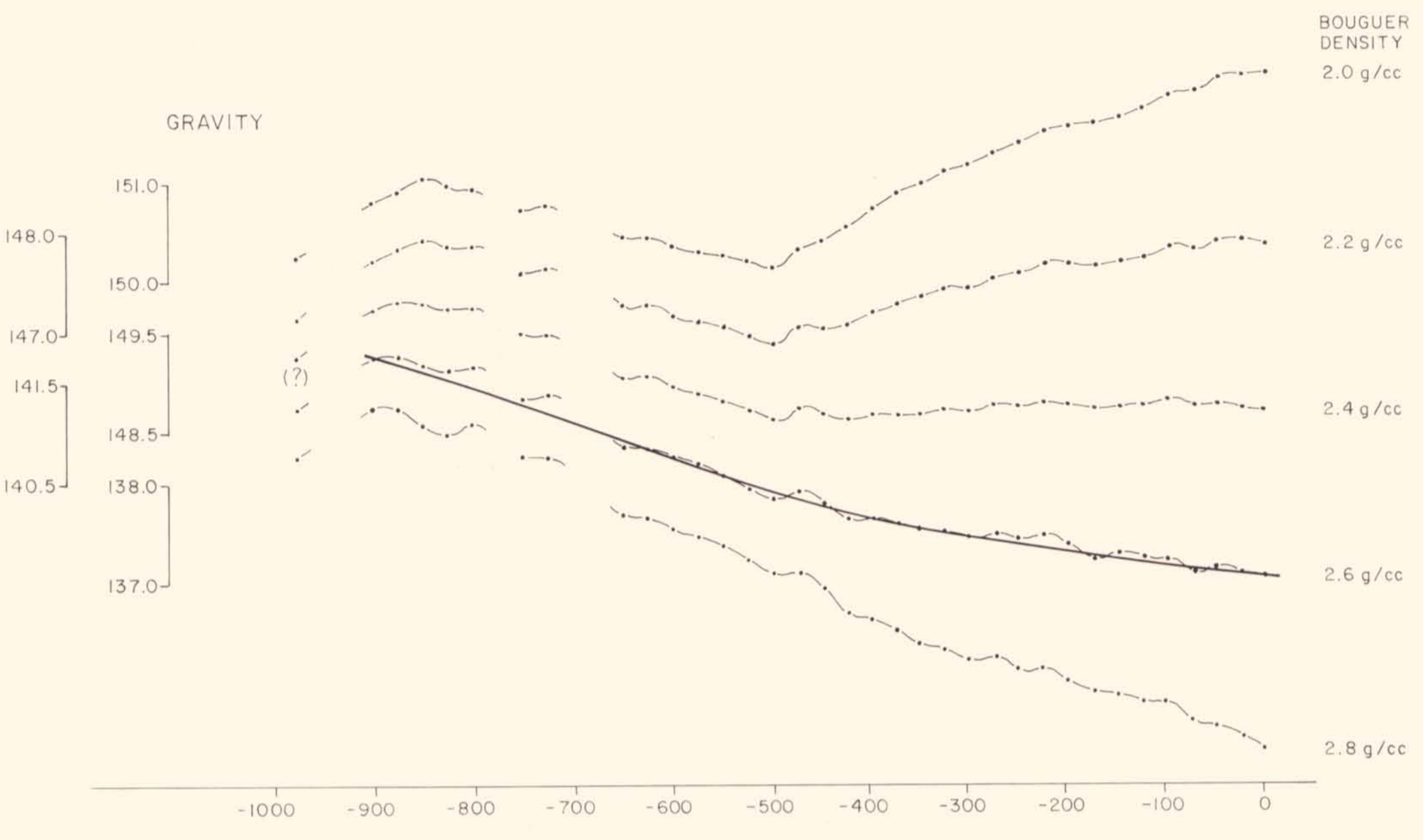
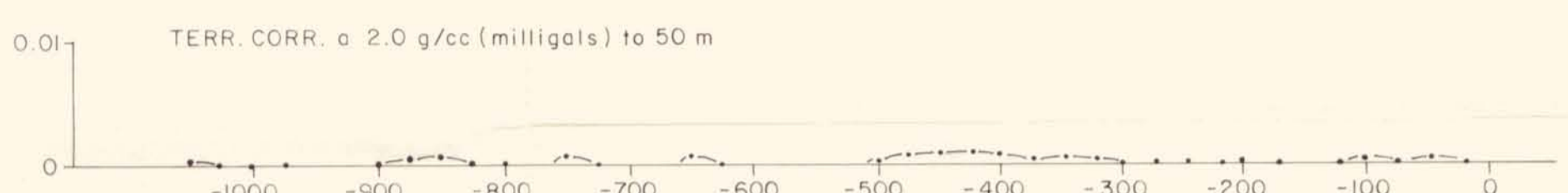
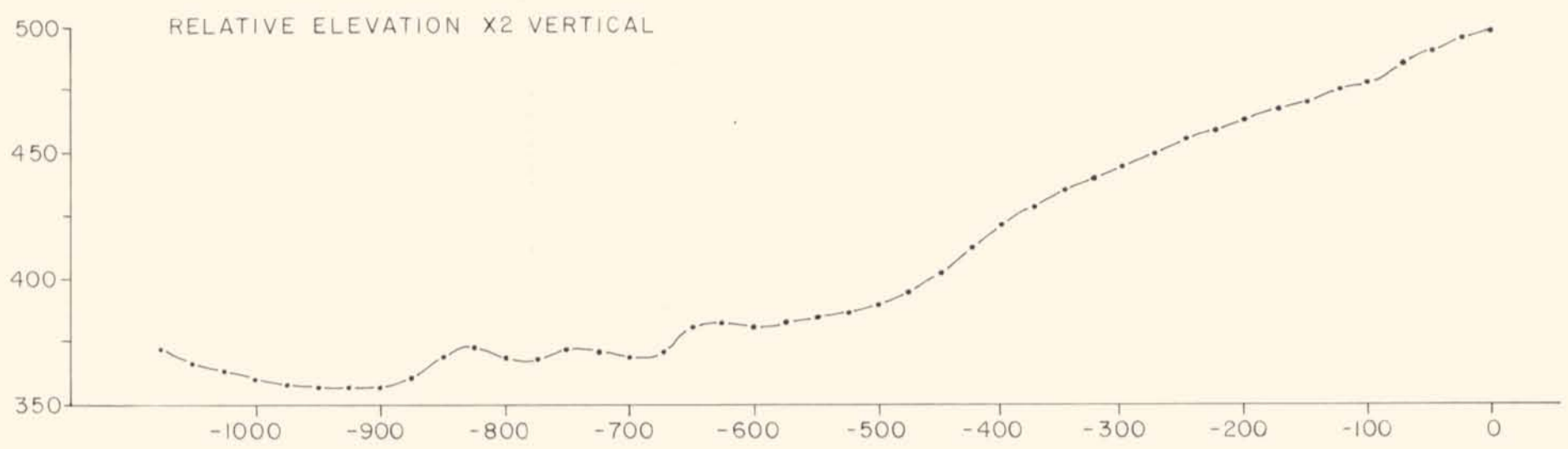
ANACONDA Canada Exploration Ltd. ▲

SELWYN PROJECT

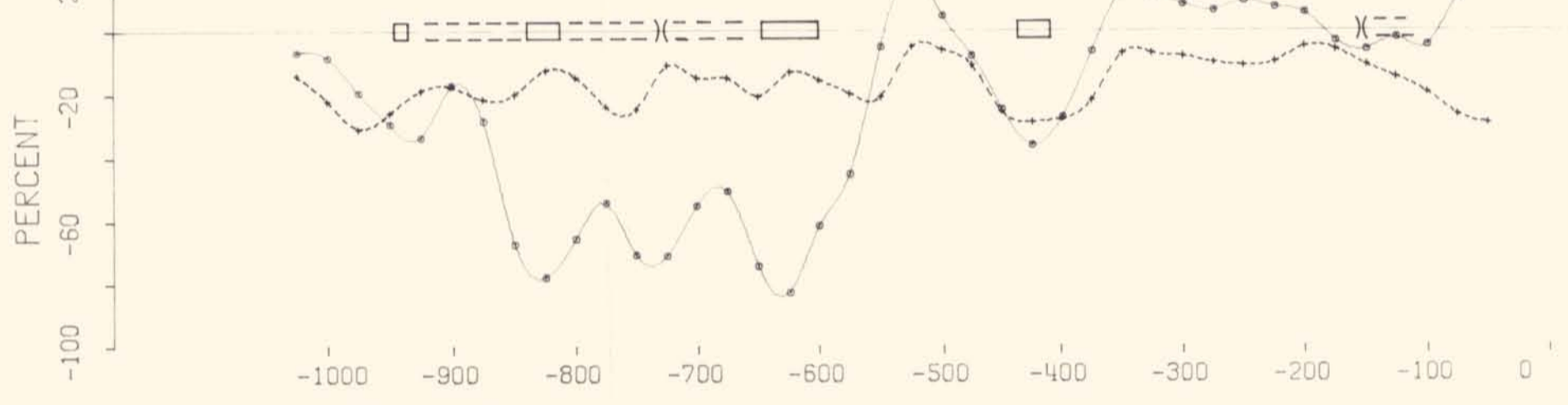
BUM GRID LINE 1200 W

geology by: A.S.	drawn by: D.M.C.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	drawing no. of 15

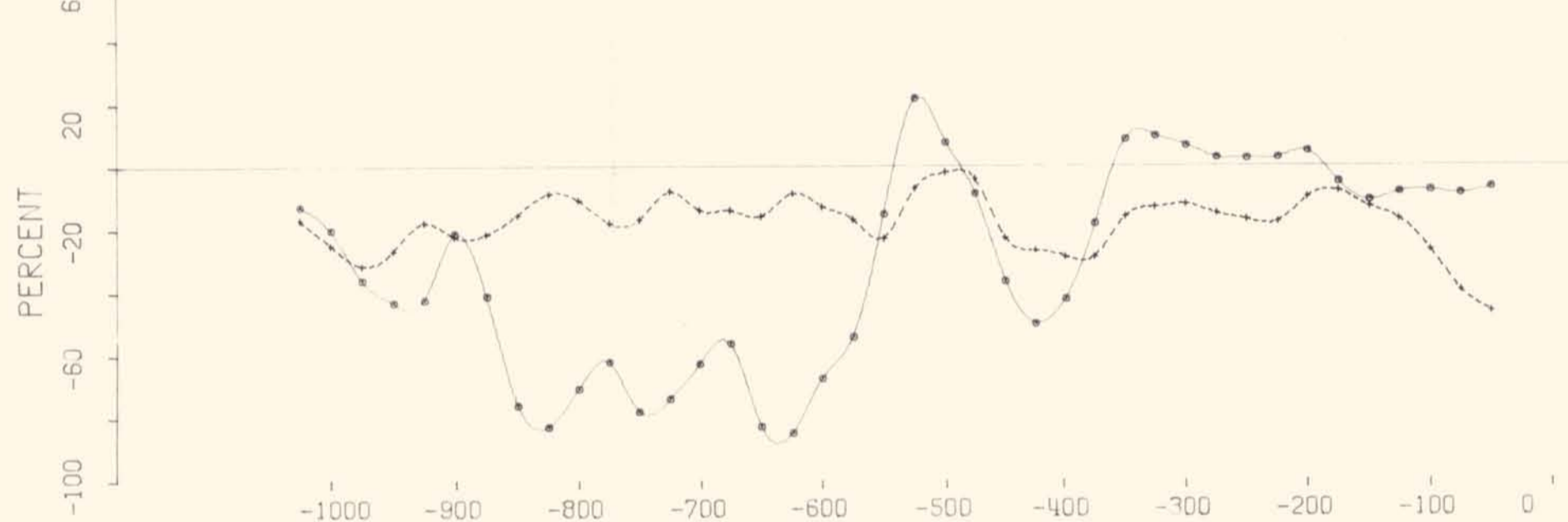
001461



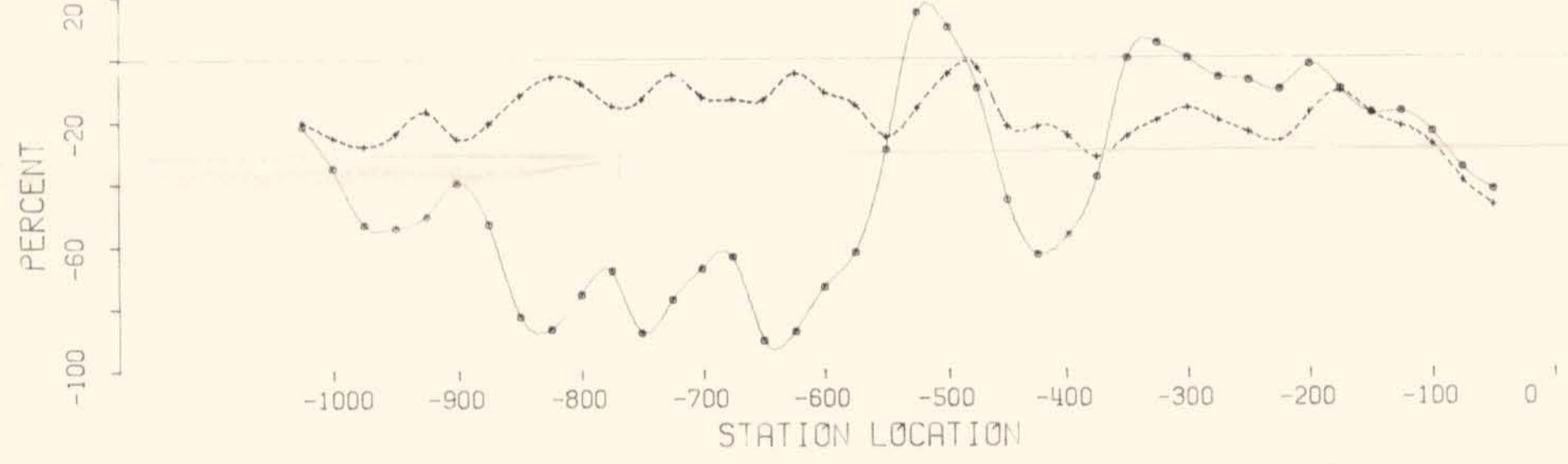
FREQUENCY: 444 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A - SPACING = 100 METERS



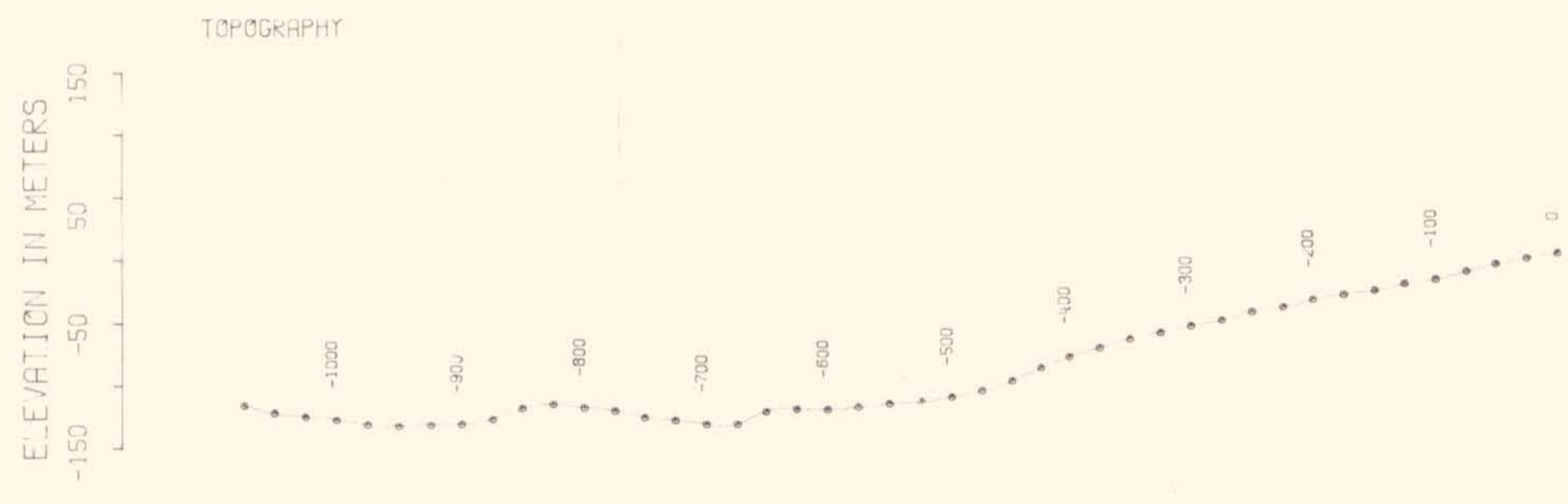
FREQUENCY: 888 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A - SPACING = 100 METERS



SELWYN PROJECT -- BUM GRID LINE 1600 WEST



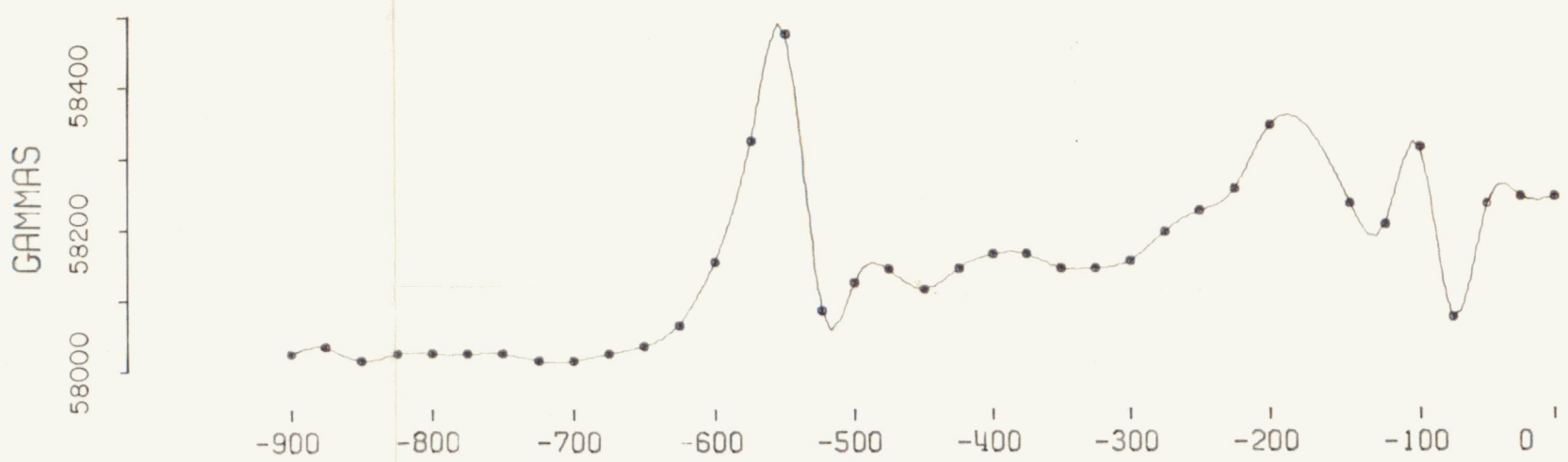
LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor

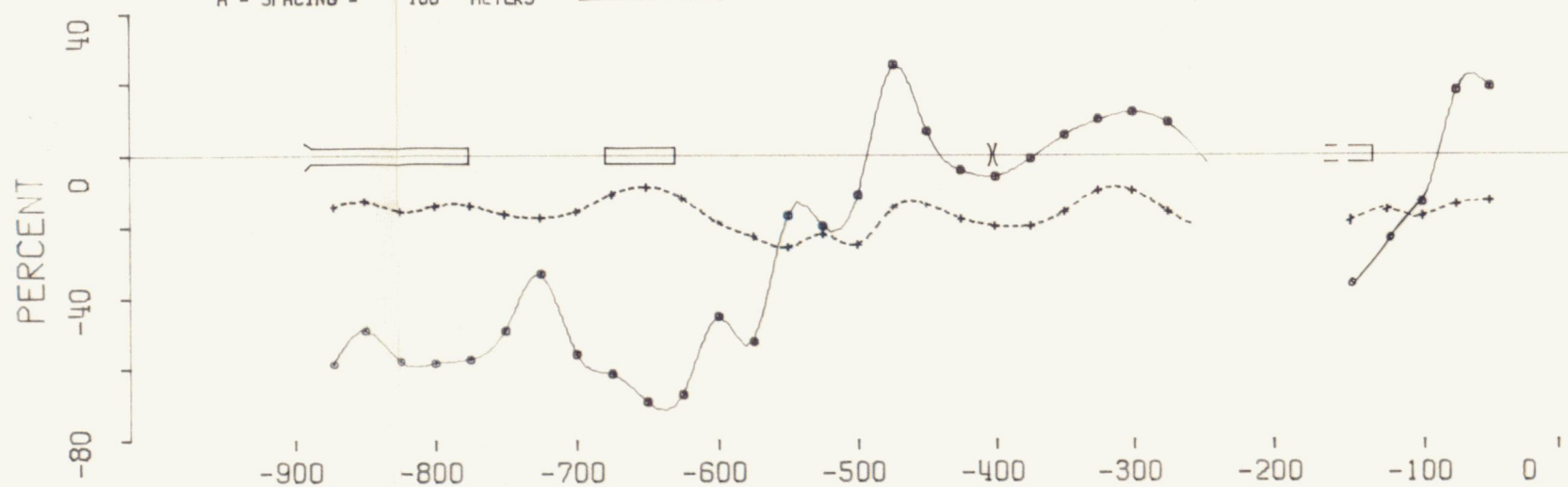


ANACONDA Canada Exploration Ltd. ▲		
SELWYN PROJECT		
BUM GRID LINE 1600 W		
geology by: A.S.	drawn by: E W	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	drawing no. 16

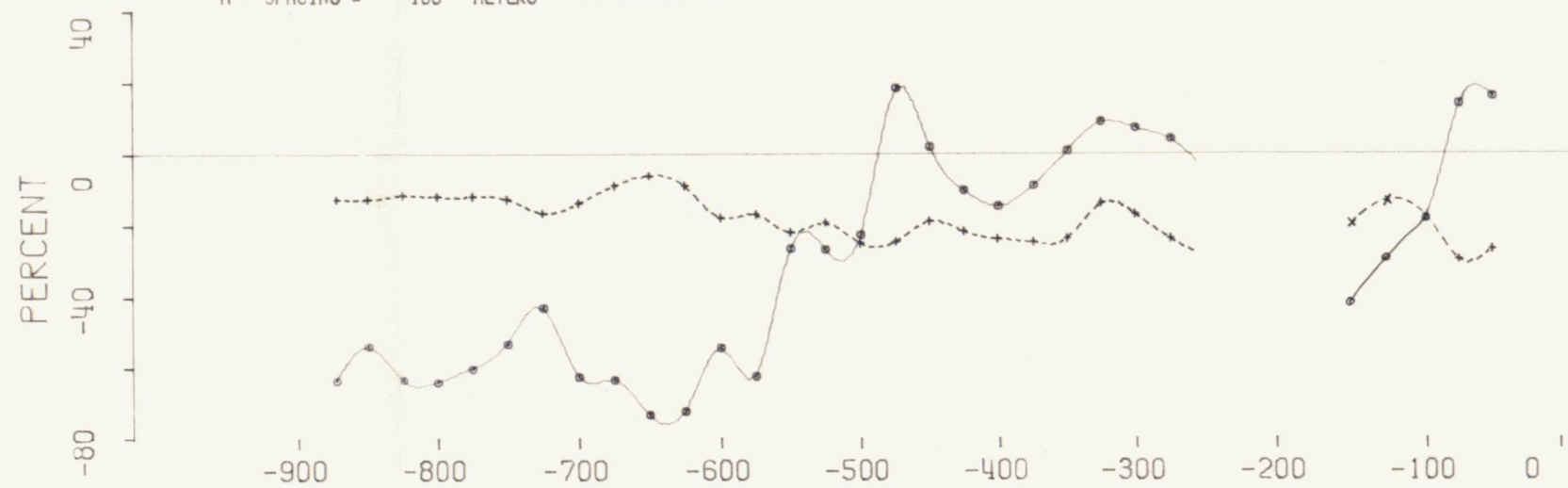
MAGNETICS



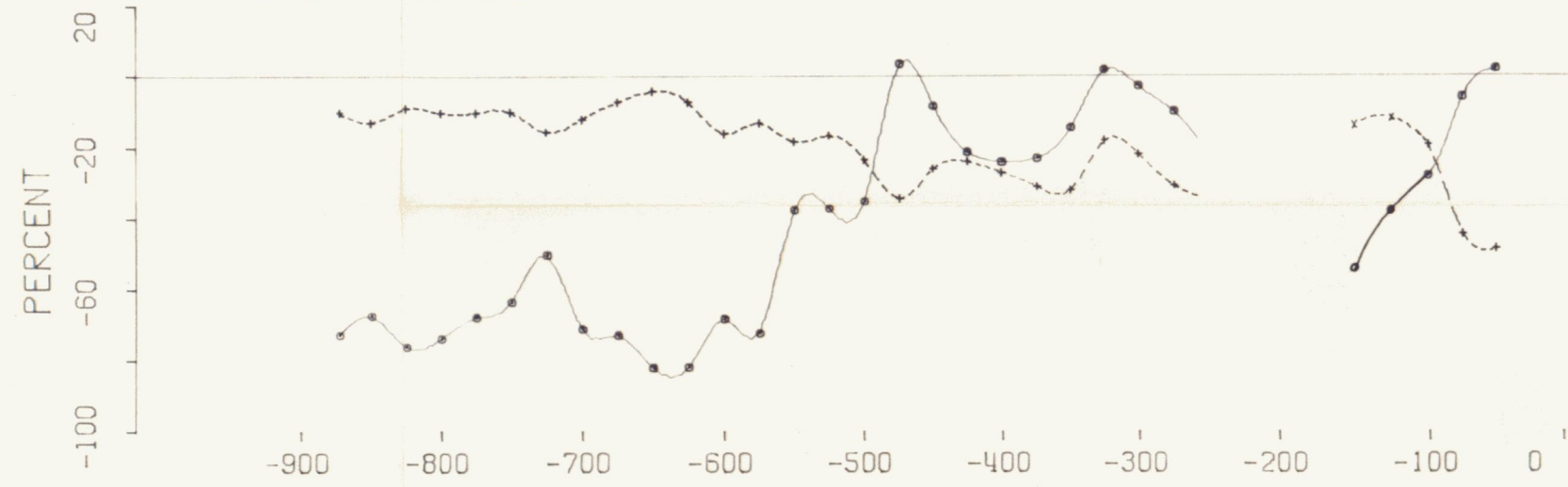
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



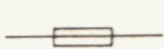
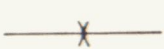
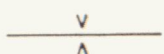
STATION LOCATION


SELWYN PROJECT -- BUM GRID LINE 1800 WEST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P a 444 Hz)
-  Narrow HLEM Conductor (I/P a 444 Hz)
-  Weak HLEM Conductor

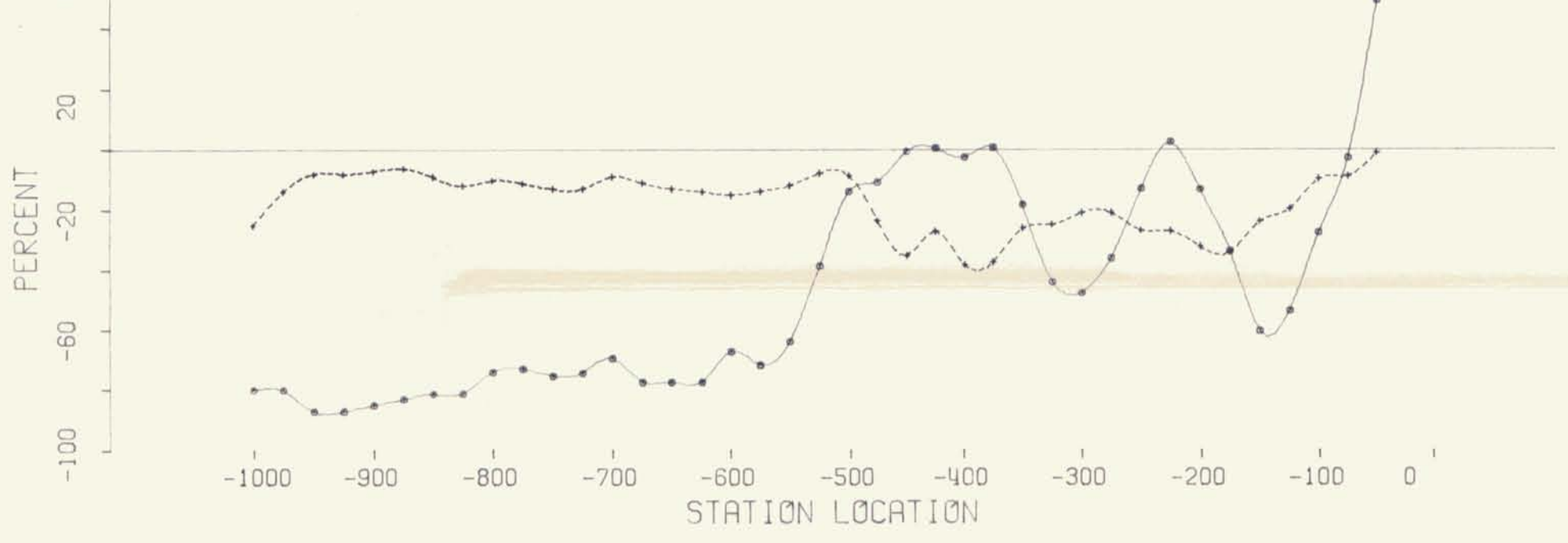
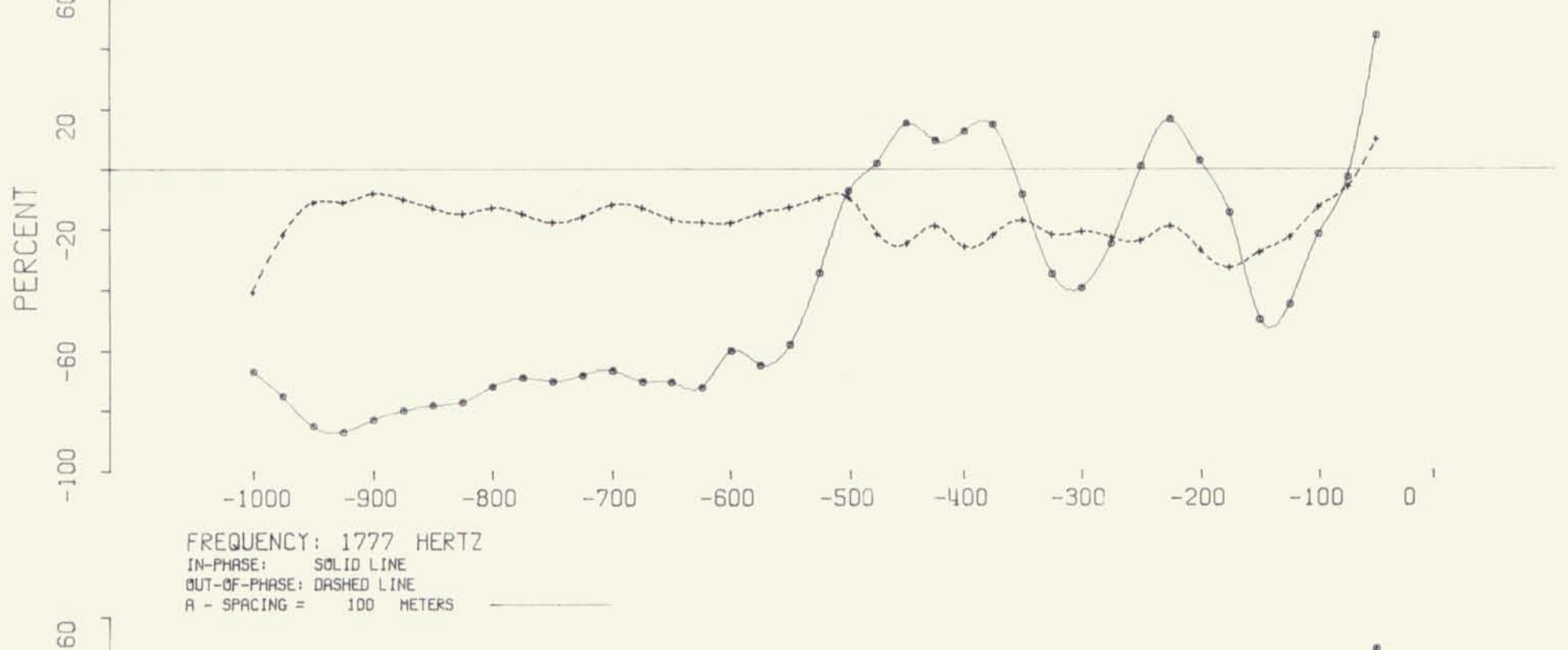
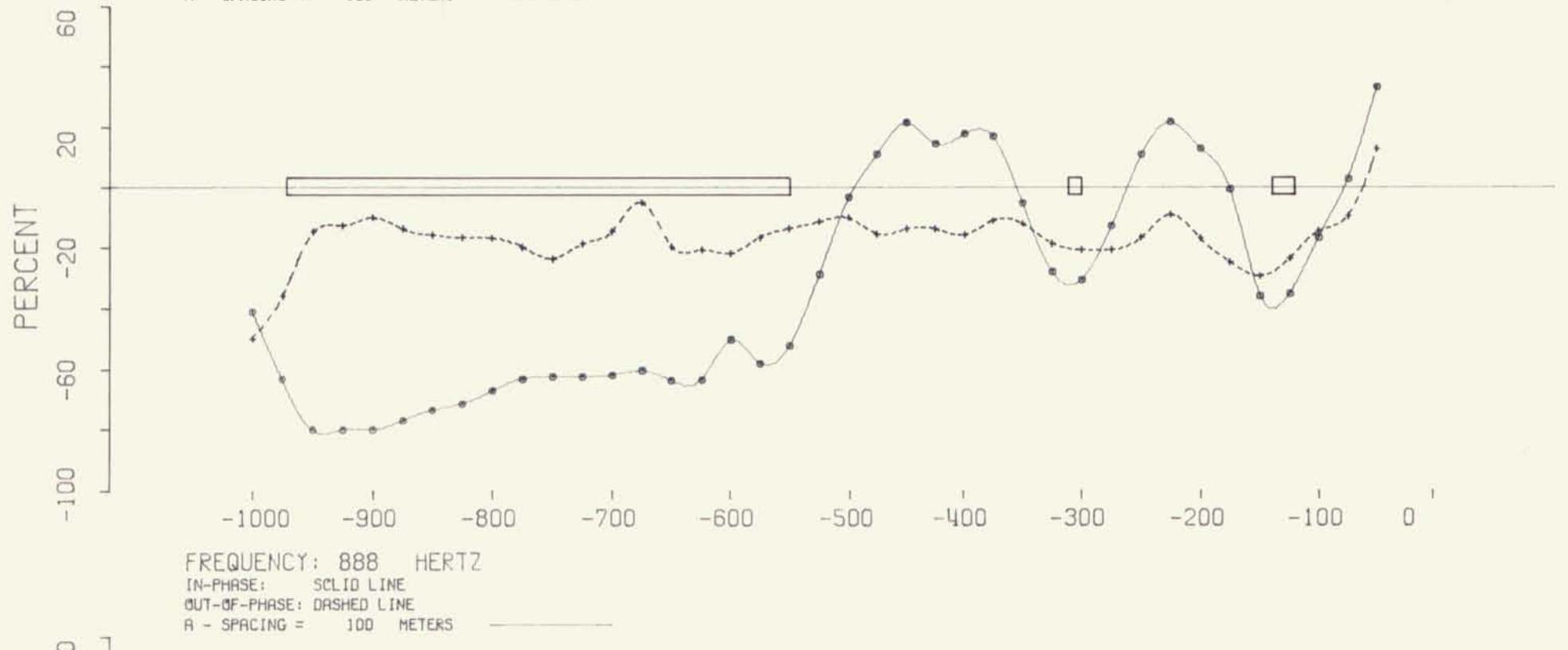
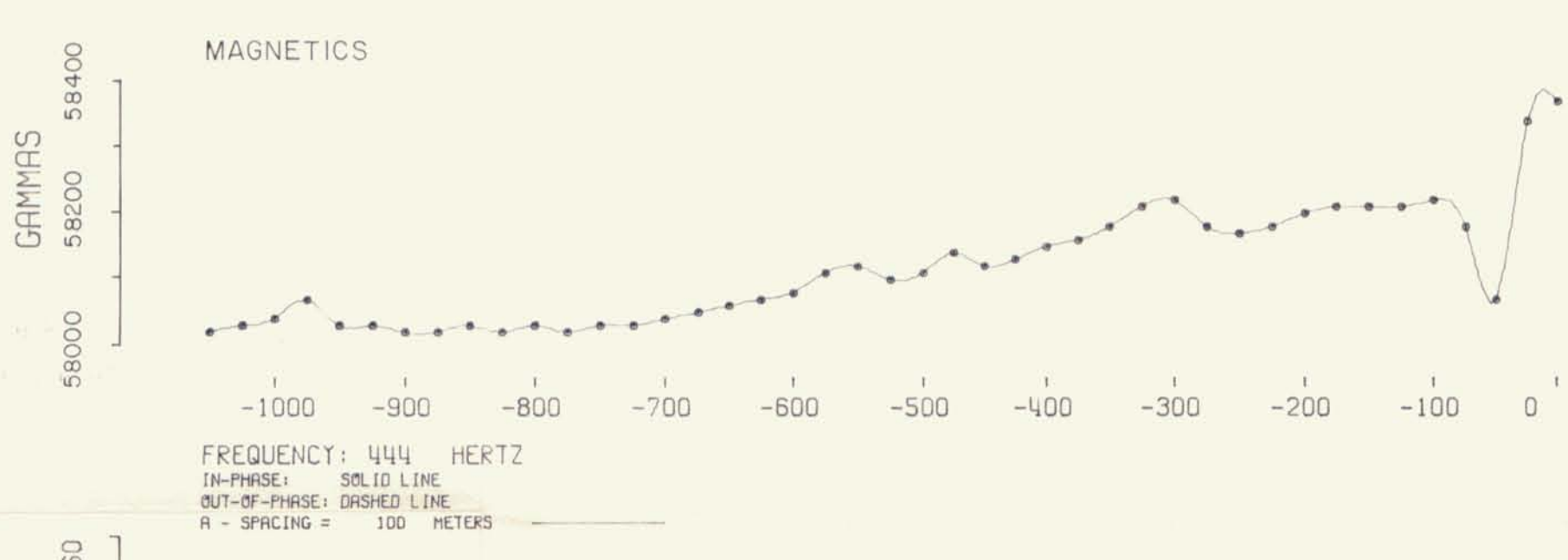
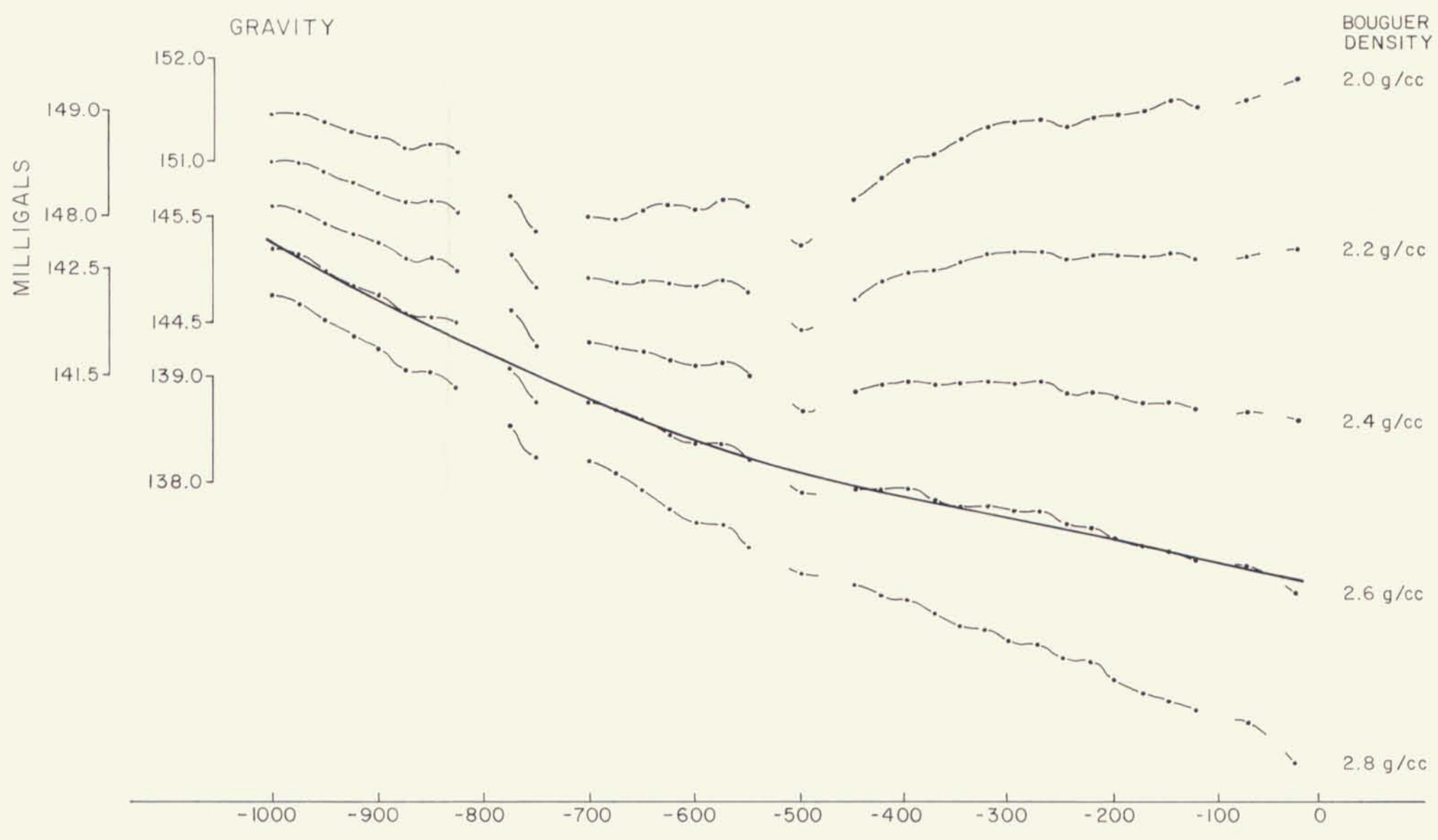
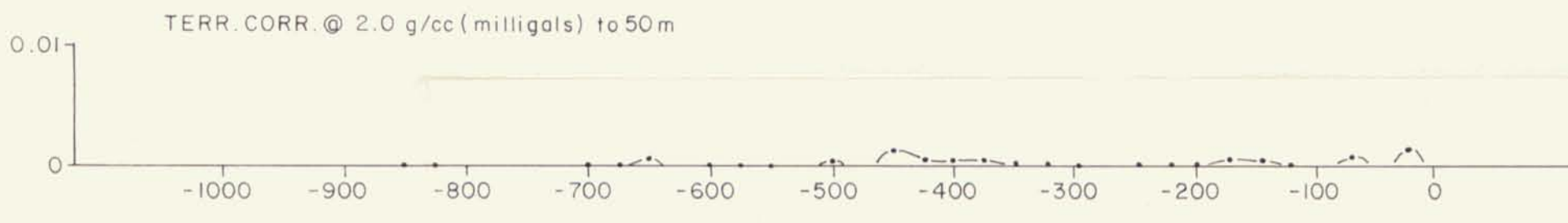
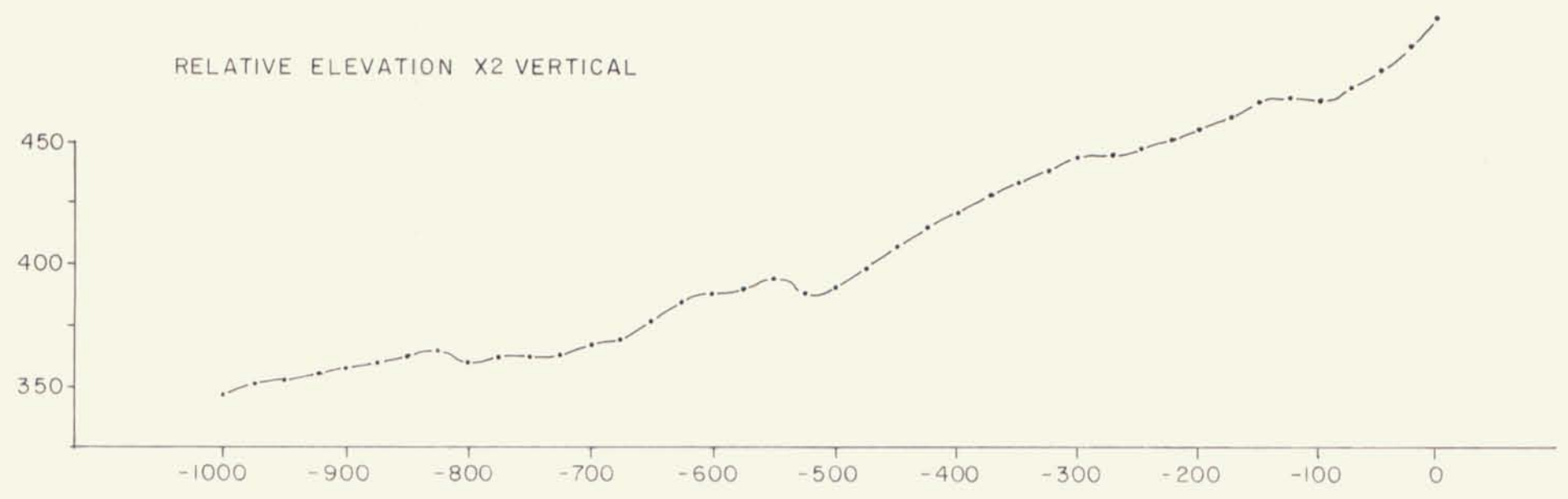
ANACONDA Canada Exploration Ltd. 

SELWYN PROJECT

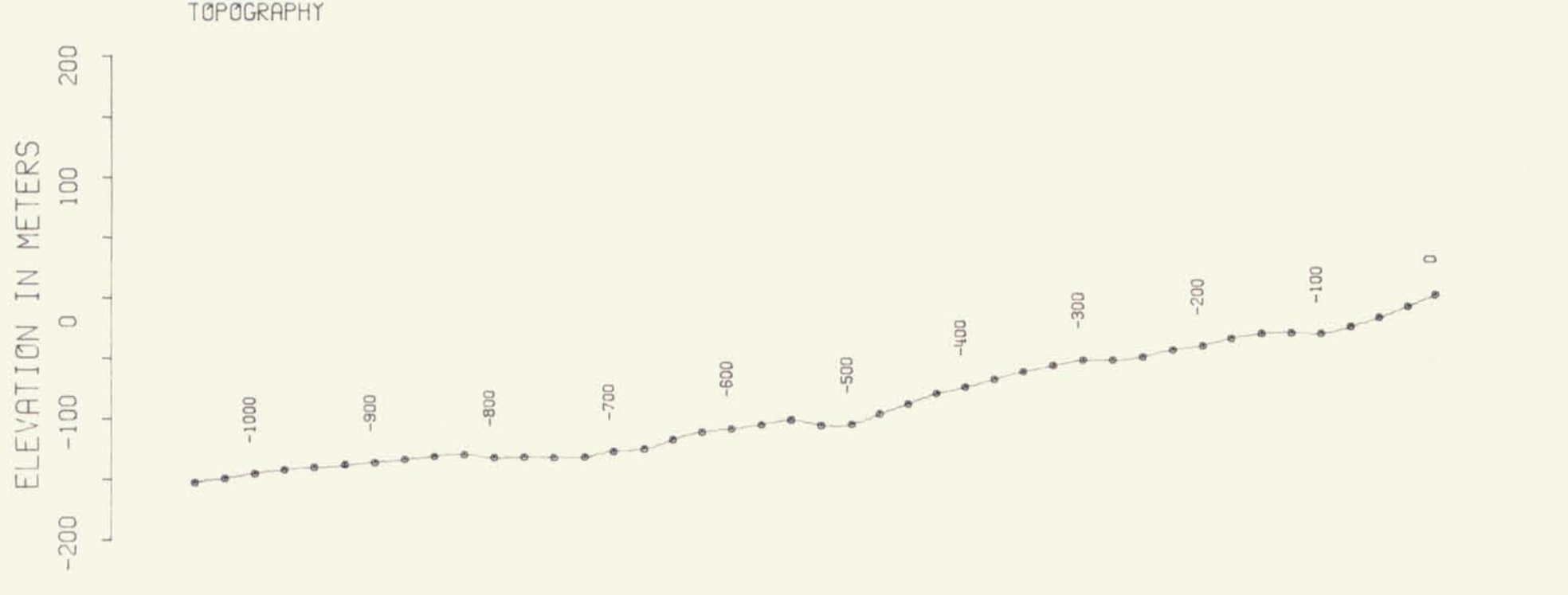
BUM GRID LINE 1800 W

geology by: A. S.	drawn by: E. W.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	fig./proj. no. 17

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SELWYN PROJECT -- BUM GRID LINE 2000 WEST



- LEGEND**
- Broad HLEM Conductor (1/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor



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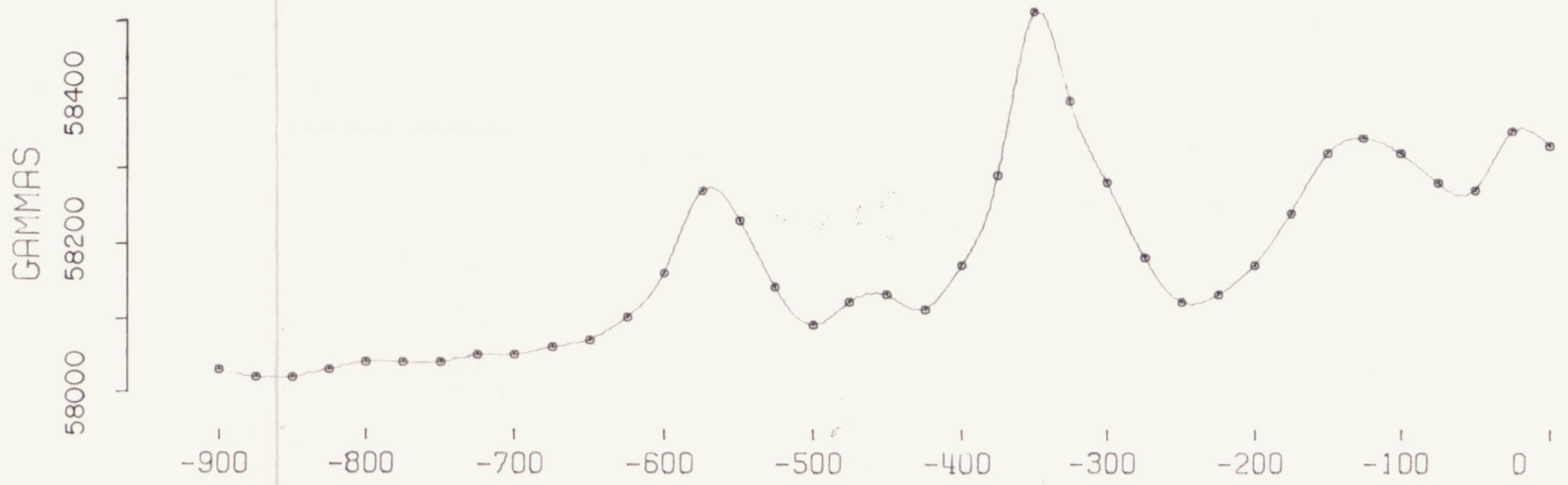
SELWYN PROJECT

BUM GRID LINE 2000 W

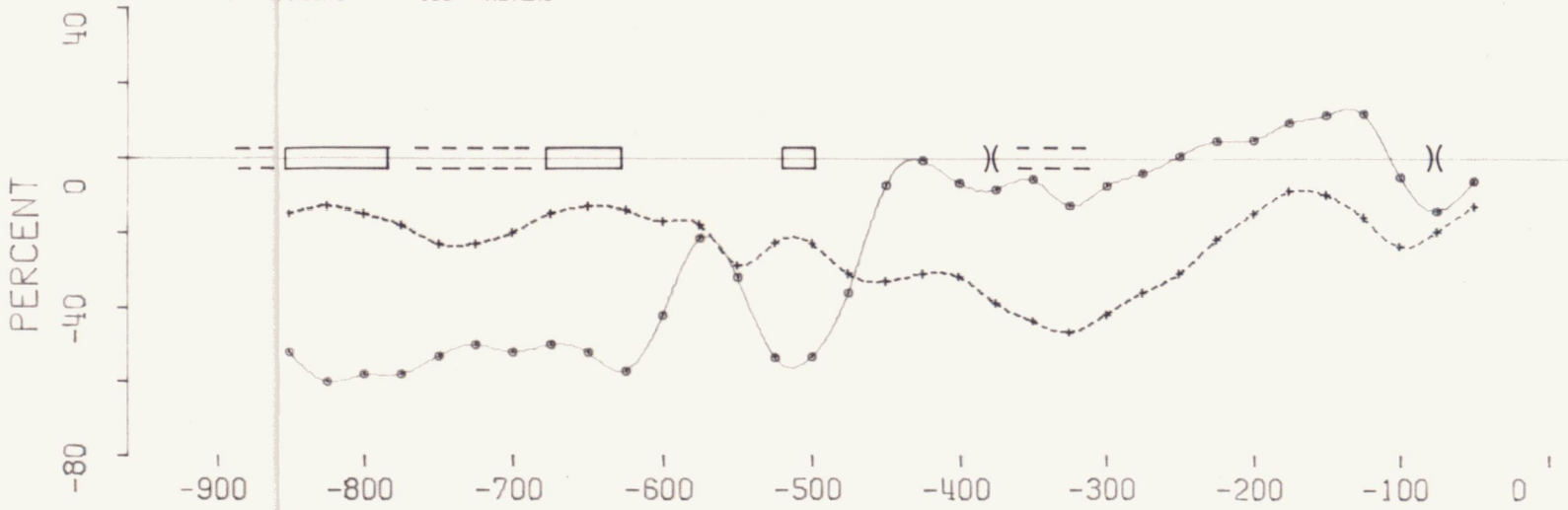
geology by: A. S.	drawn by: D. C.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	drawing no. 18

091461

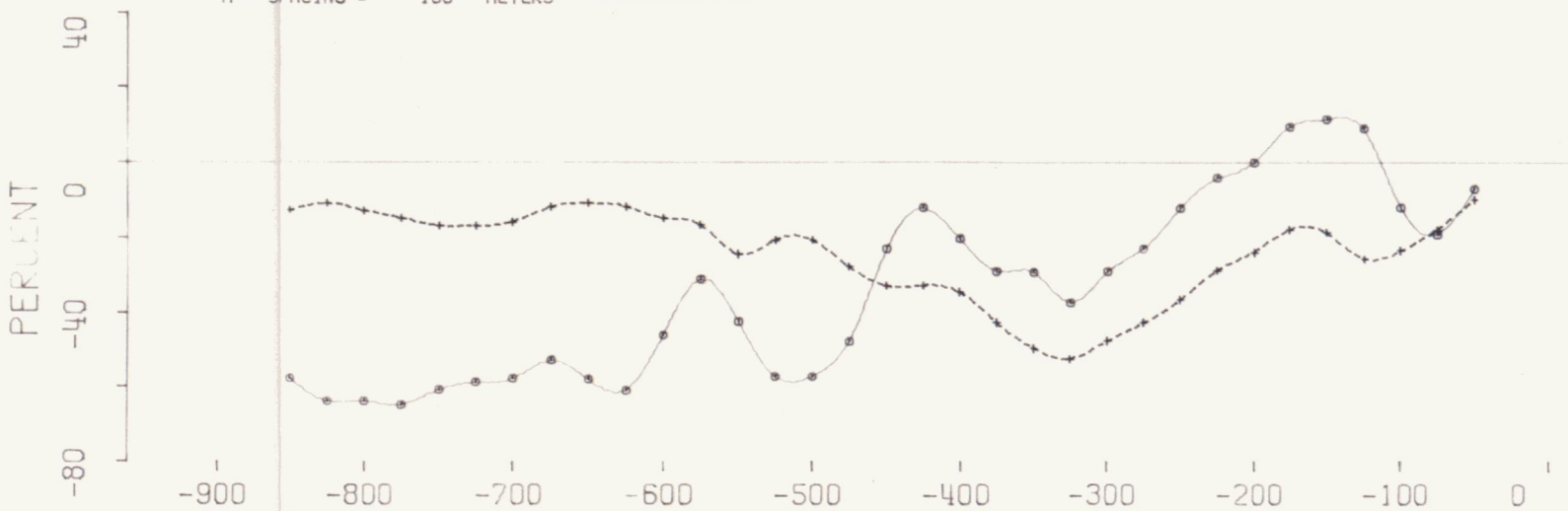
MAGNETICS



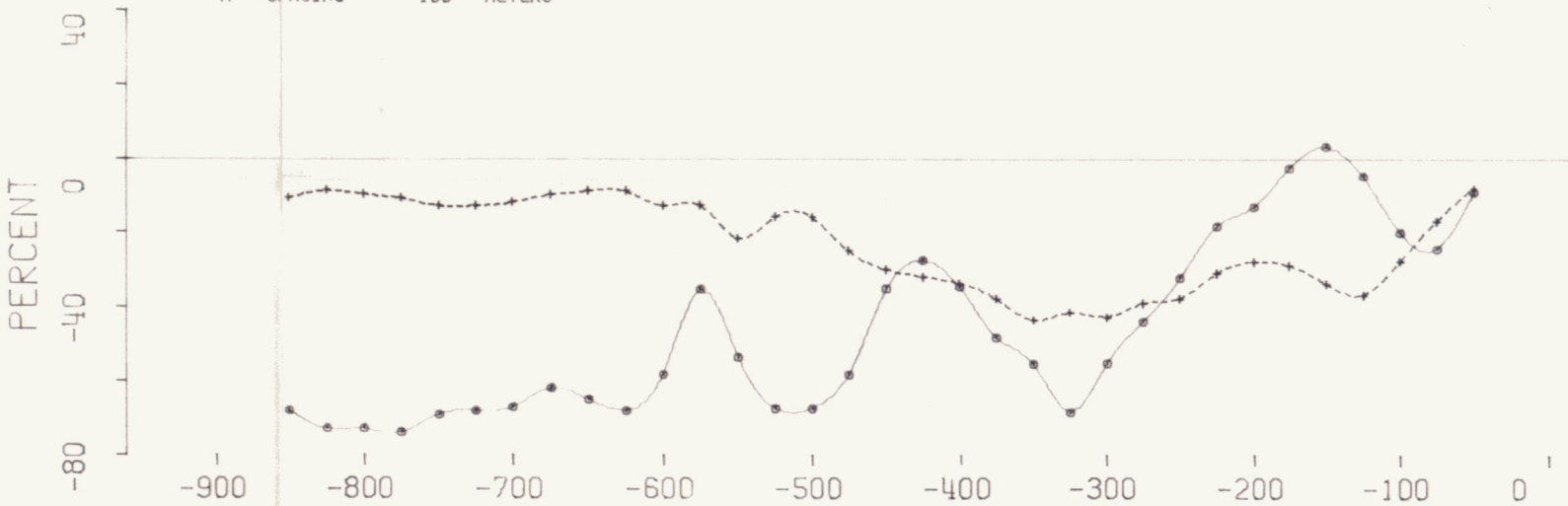
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



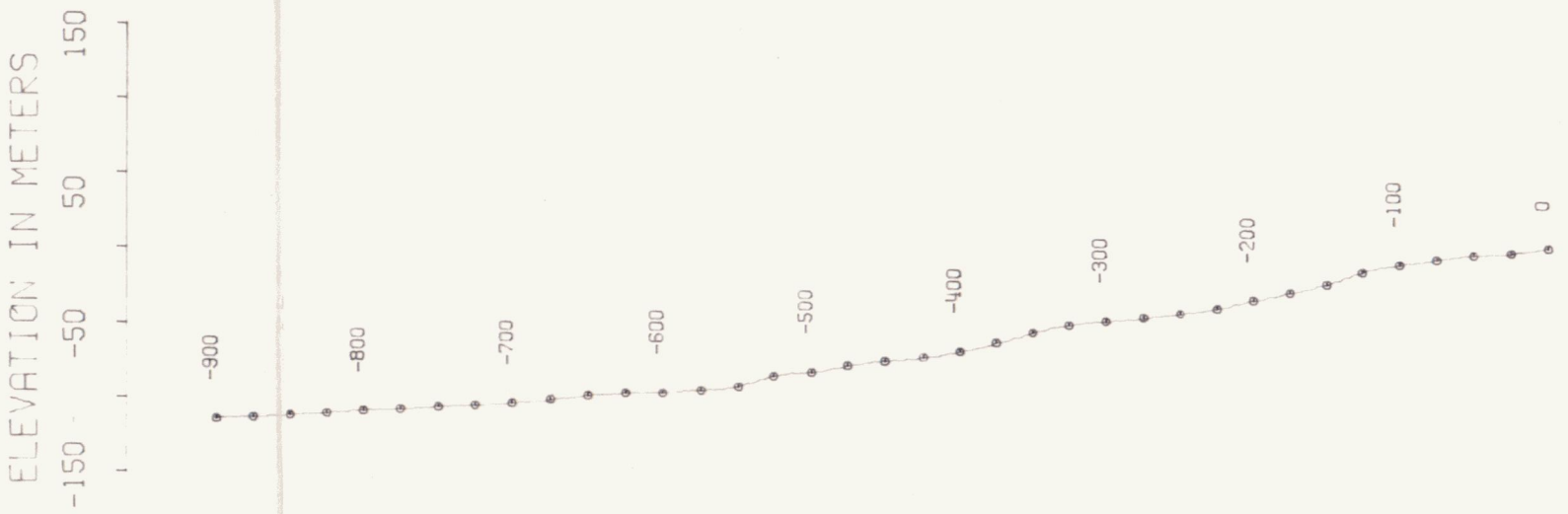
FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



STATION LOCATION

SELWYN PROJECT -- BUM GRID LINE 2200 WEST

TOPOGRAPHY



LEGEND

- Broad HLEM Conductor (I/P a 444 Hz)
- Narrow HLEM Conductor (I/P a 444 Hz)
- Weak HLEM Conductor

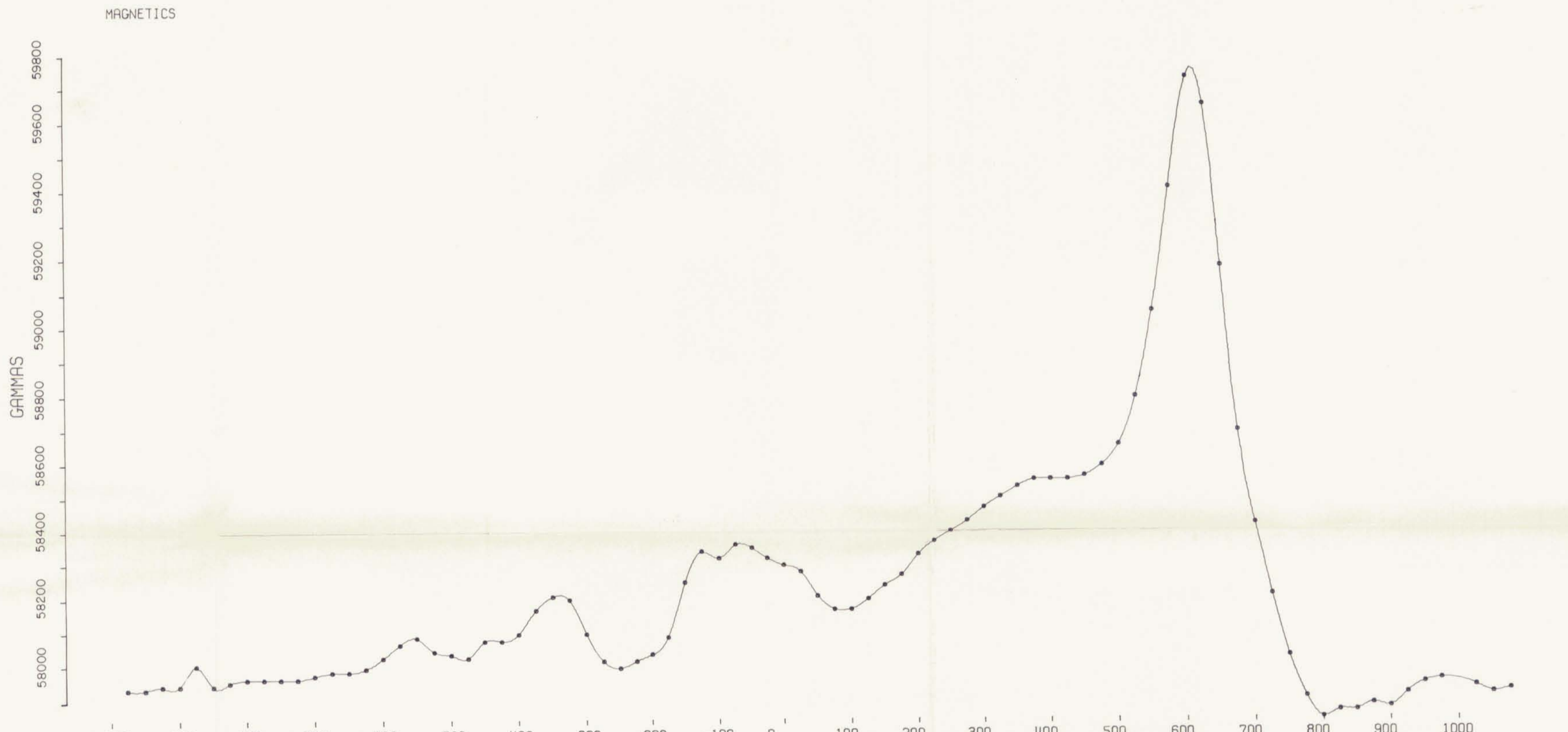
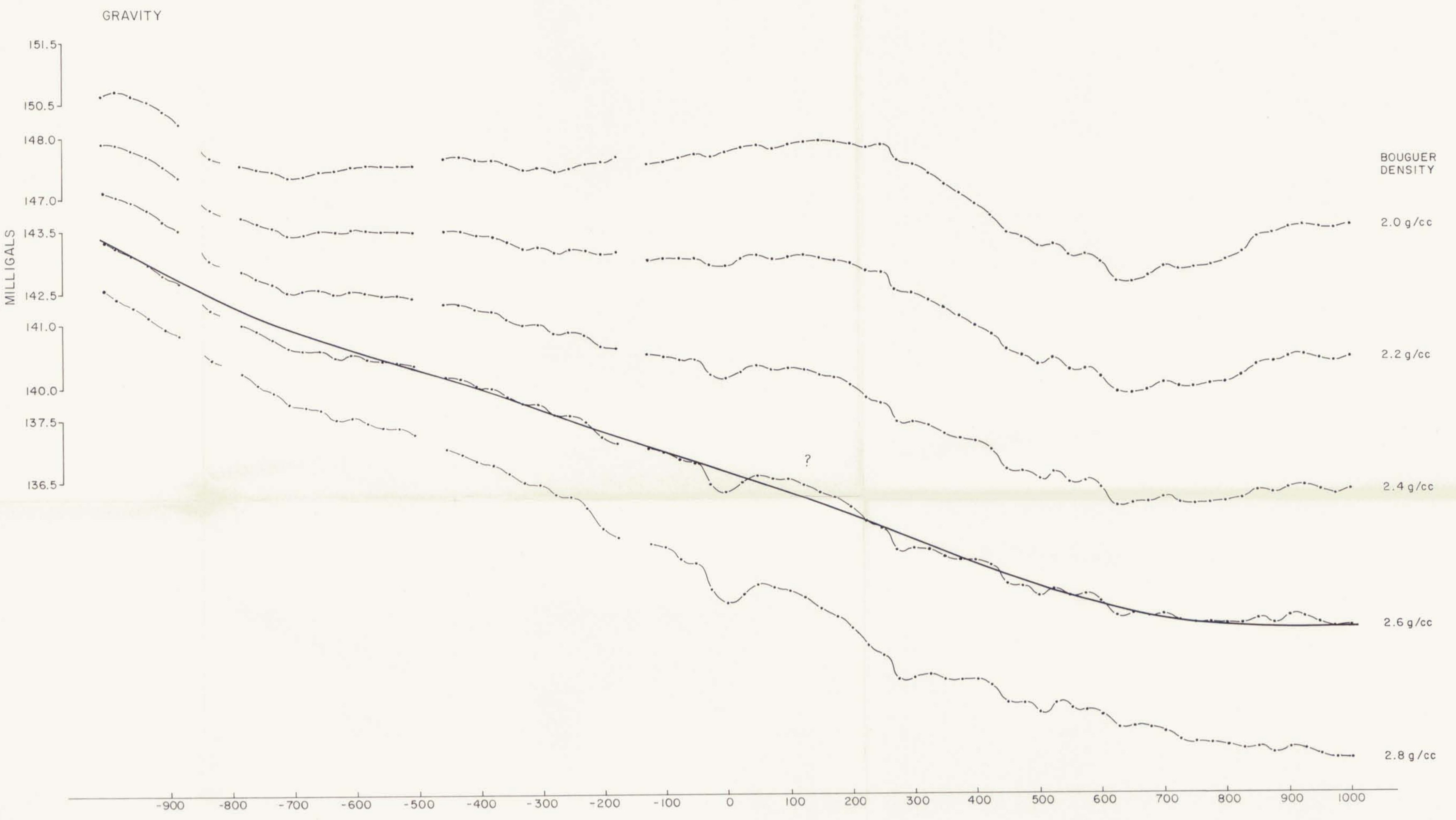
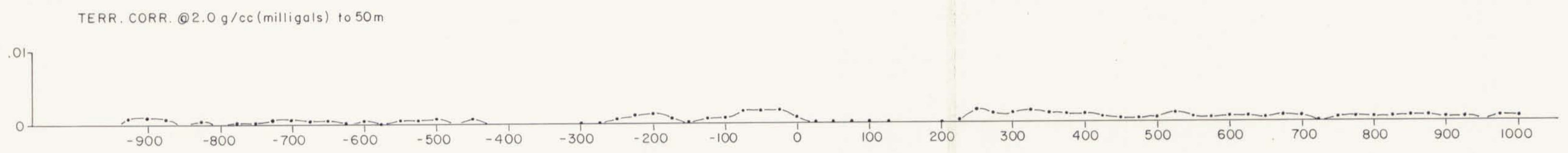
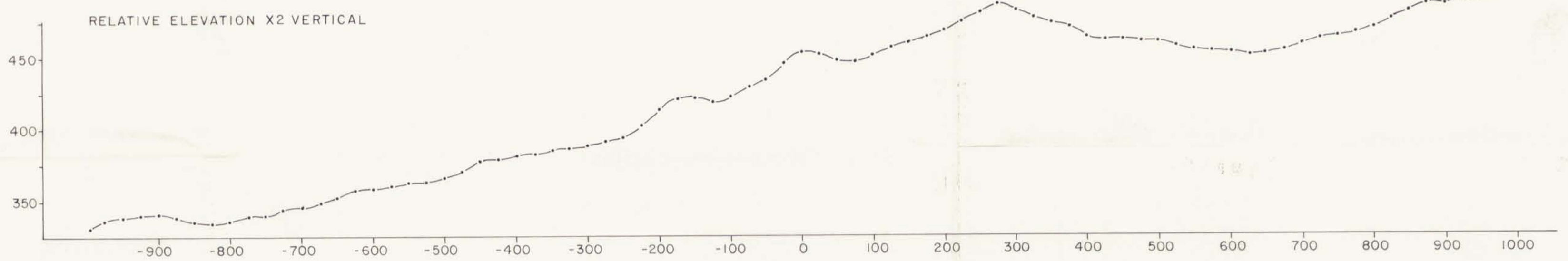
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

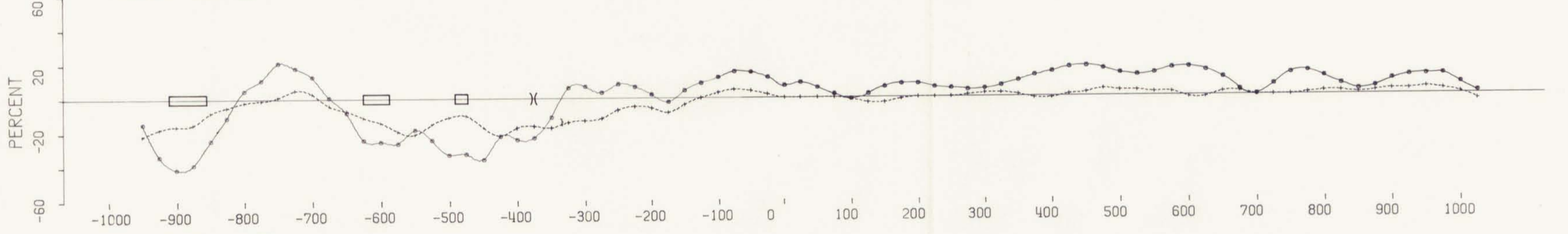
BUM GRID LINE 2200 W

geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1:5,000	n.t.s. 105-L-14	fig./proj. no. 19

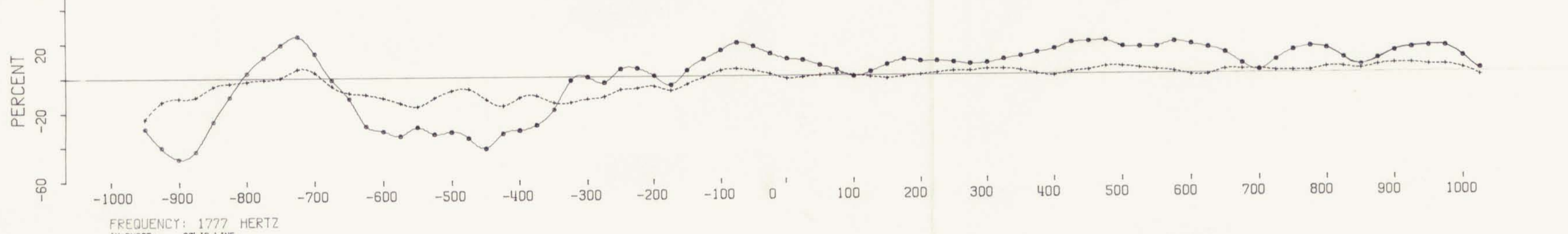
461
091461



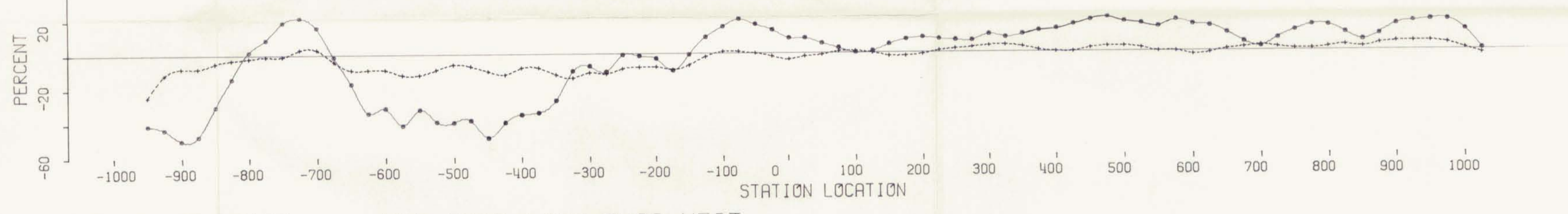
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



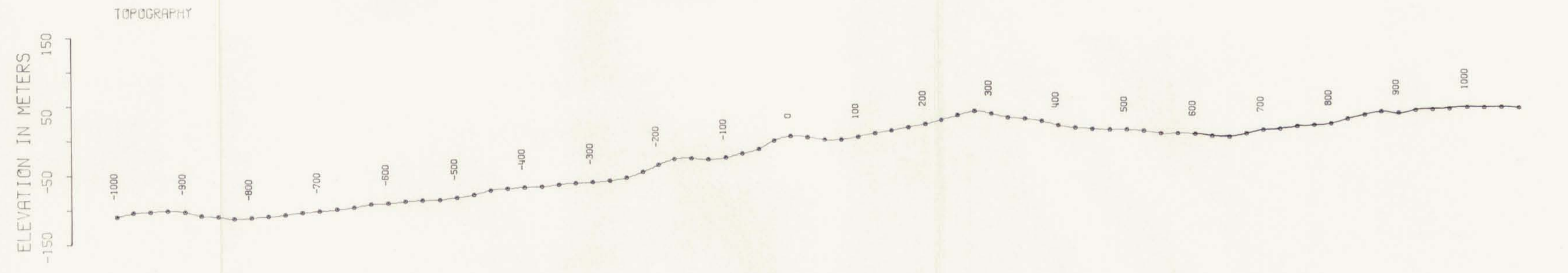
FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



SELWYN PROJECT -- BUM GRID LINE 2400 WEST



- LEGEND**
- Broad HLEM Conductor (1/P @ 444 Hz)
 - Narrow HLEM Conductor
 - Weak HLEM Conductor
 - Residual Gravity High and Amplitude (milligals)

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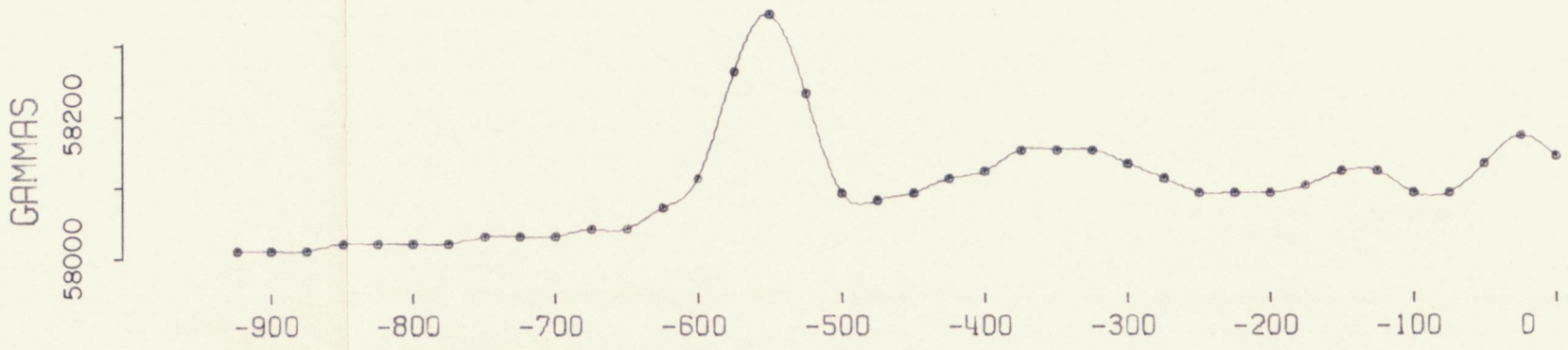
SELWYN PROJECT

BUM GRID LINE 2400 W

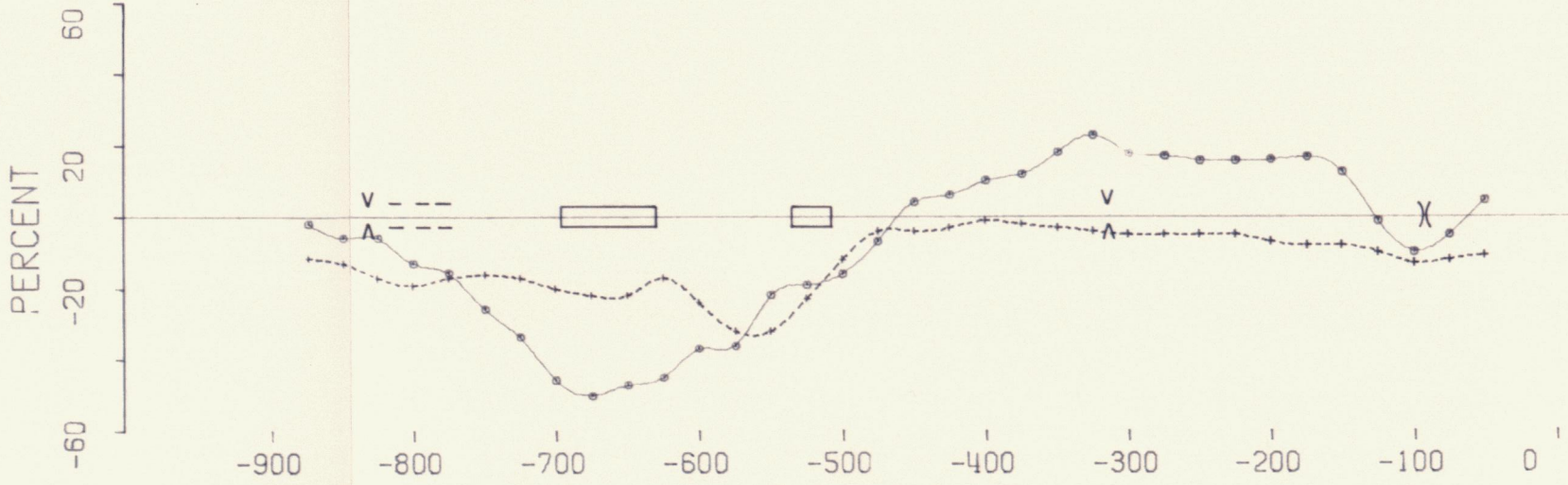
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scale: 1:5,000	n.t.s. 105-L-14	drawing no. 20

001461

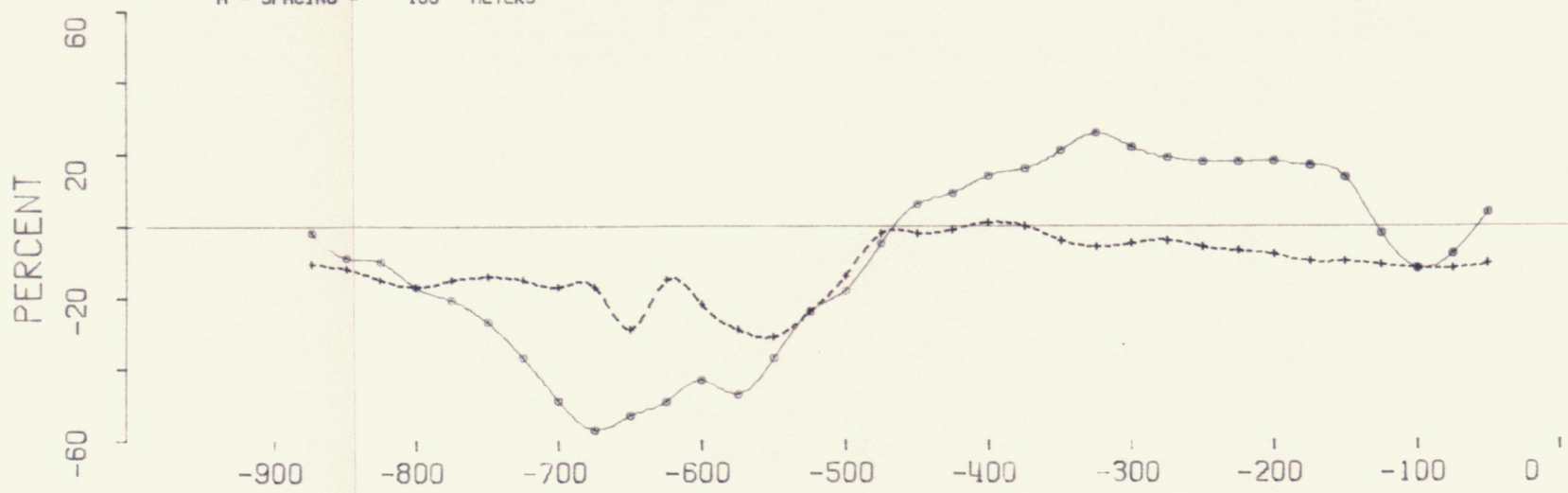
MAGNETICS



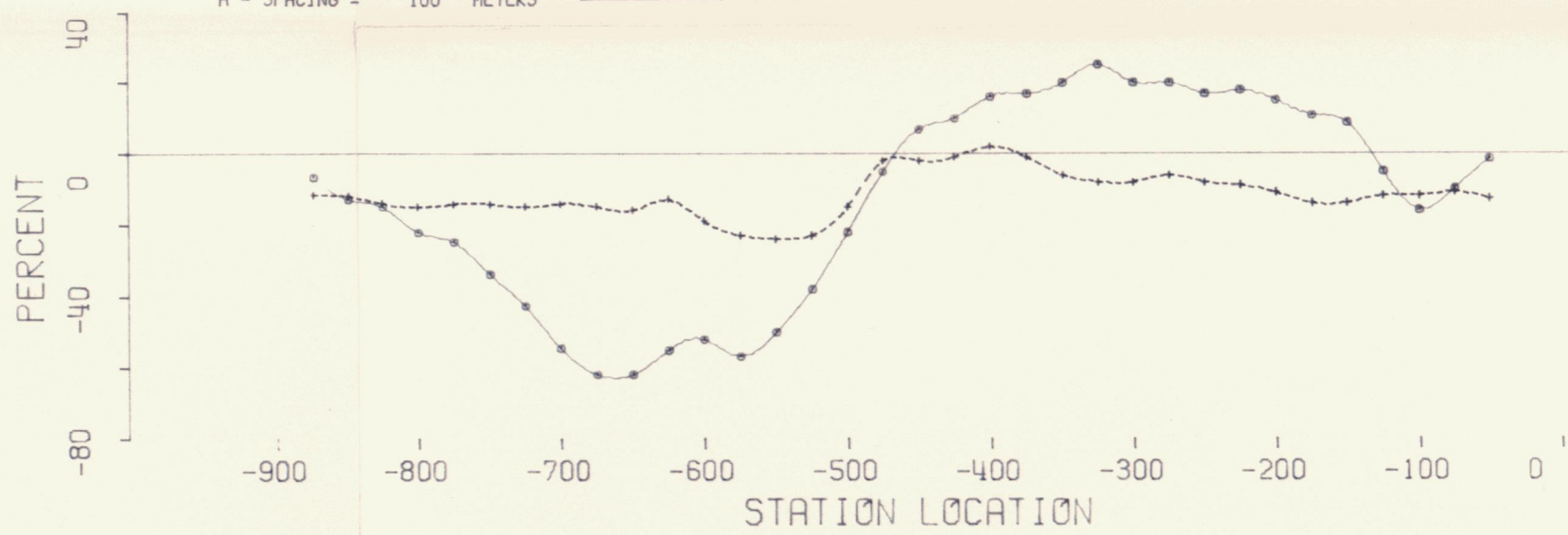
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



SELWYN PROJECT -- BUM GRID 2600 WEST

TOPOGRAPHY



LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor

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SELWYN PROJECT

BUM GRID LINE 2600 W

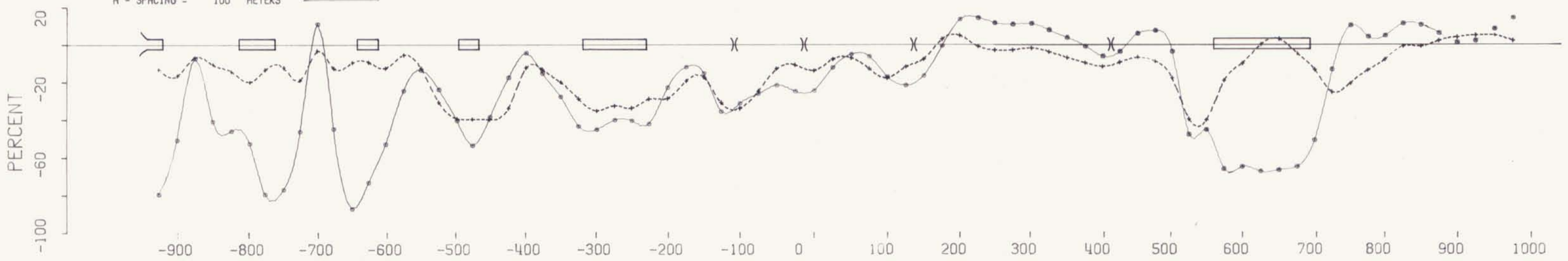
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scale: 1:5,000	n.t.s. 105-L-14	drawing no. 21 of ___

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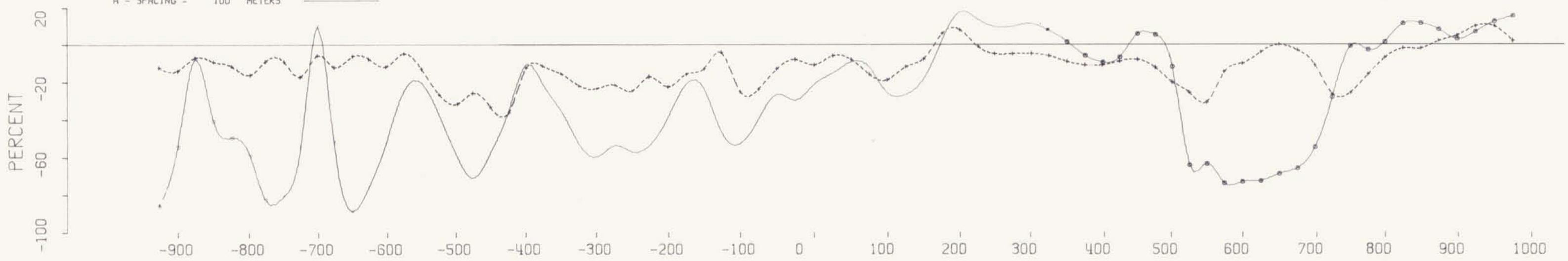
MAGNETICS



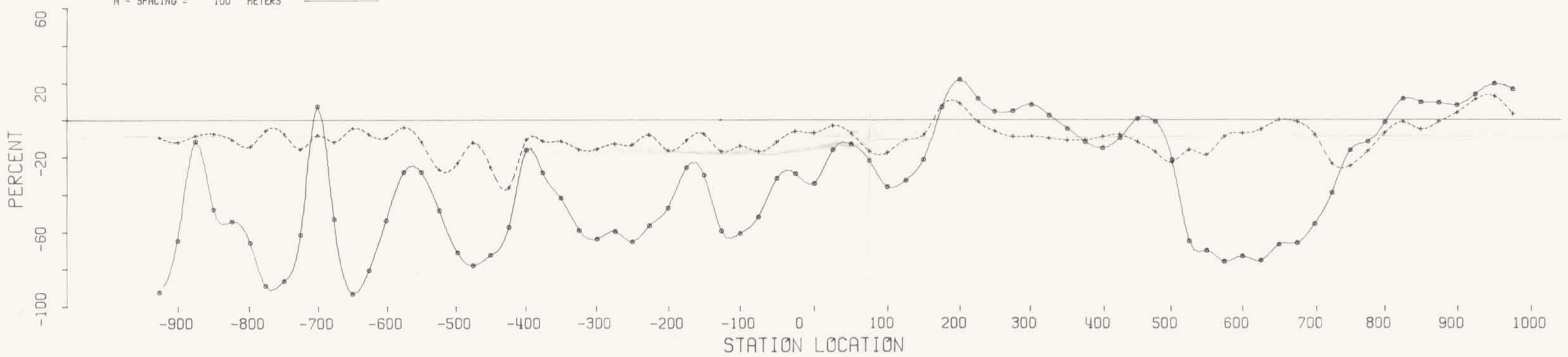
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS

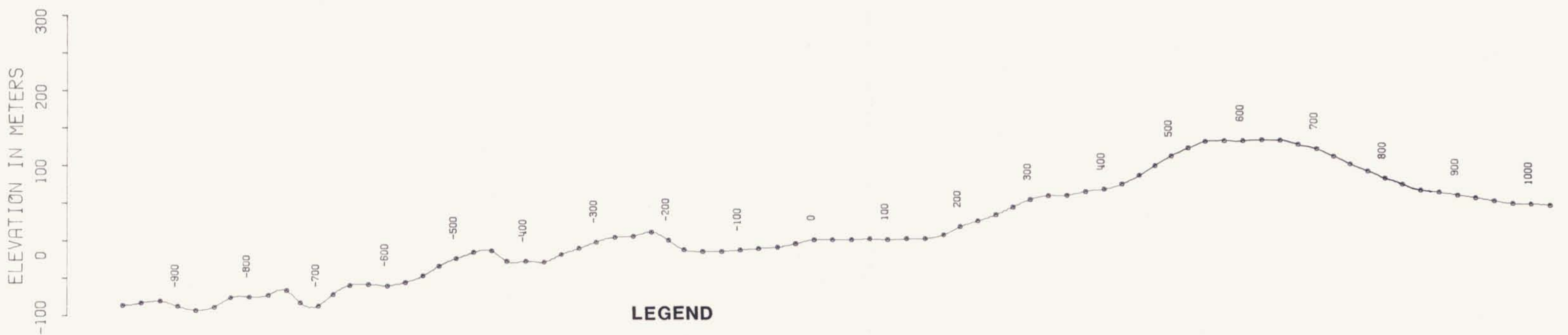


FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



SELWYN PROJECT -- BUM GRID LINE 2800 WEST

TOPOGRAPHY



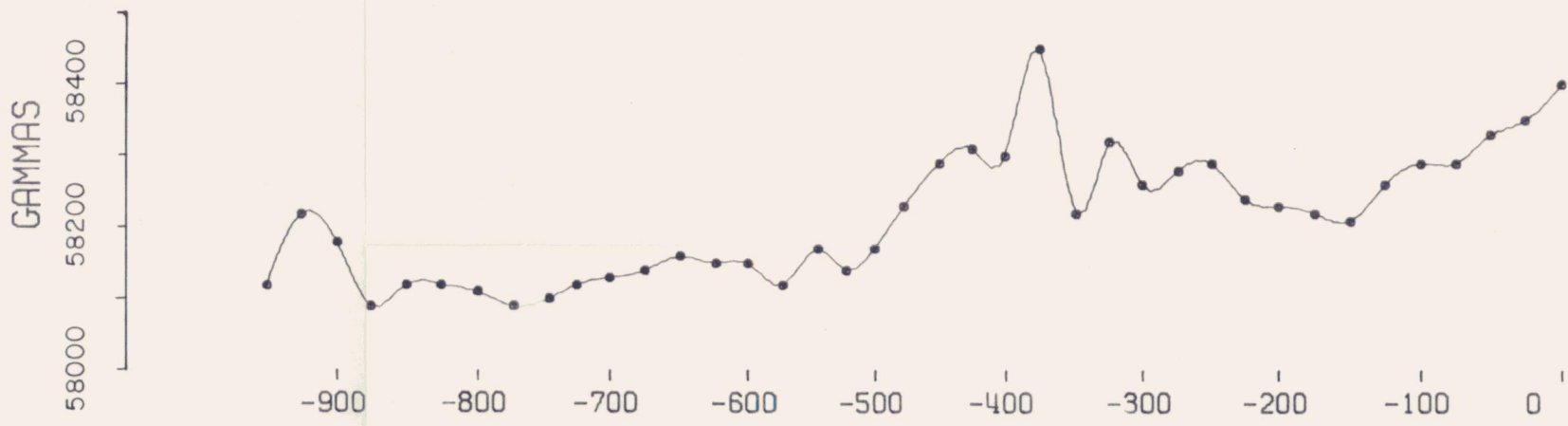
LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor

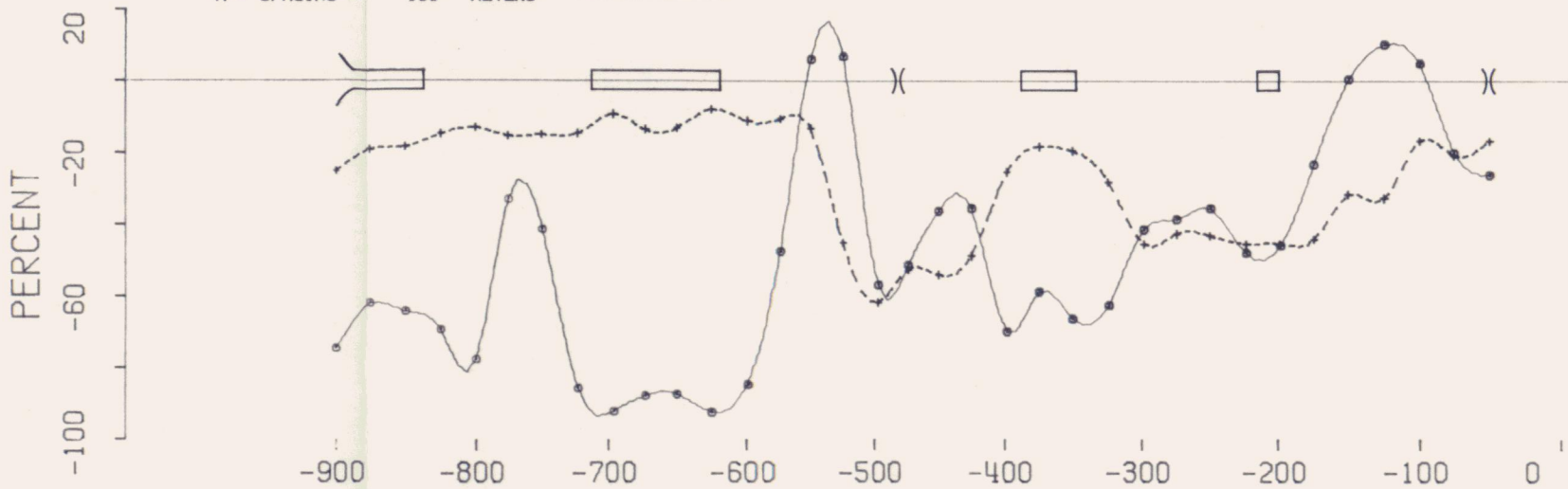
ANACONDA Canada Exploration Ltd. ▲		
SELWYN PROJECT		
BUM GRID LINE 2800 W		
geology by: A.S.	drawn by: E.W.	date: MAY 83
scale: 1: 5,000	n.t.s. 105-L-14	drawing no. 22
		of ___

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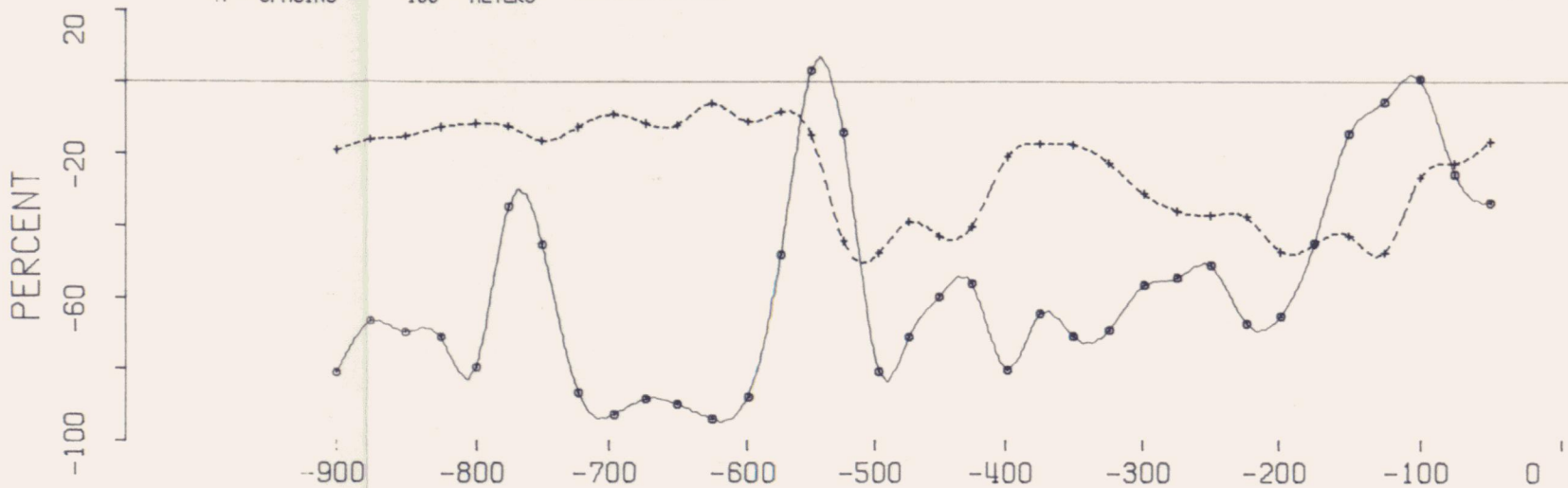
MAGNETICS



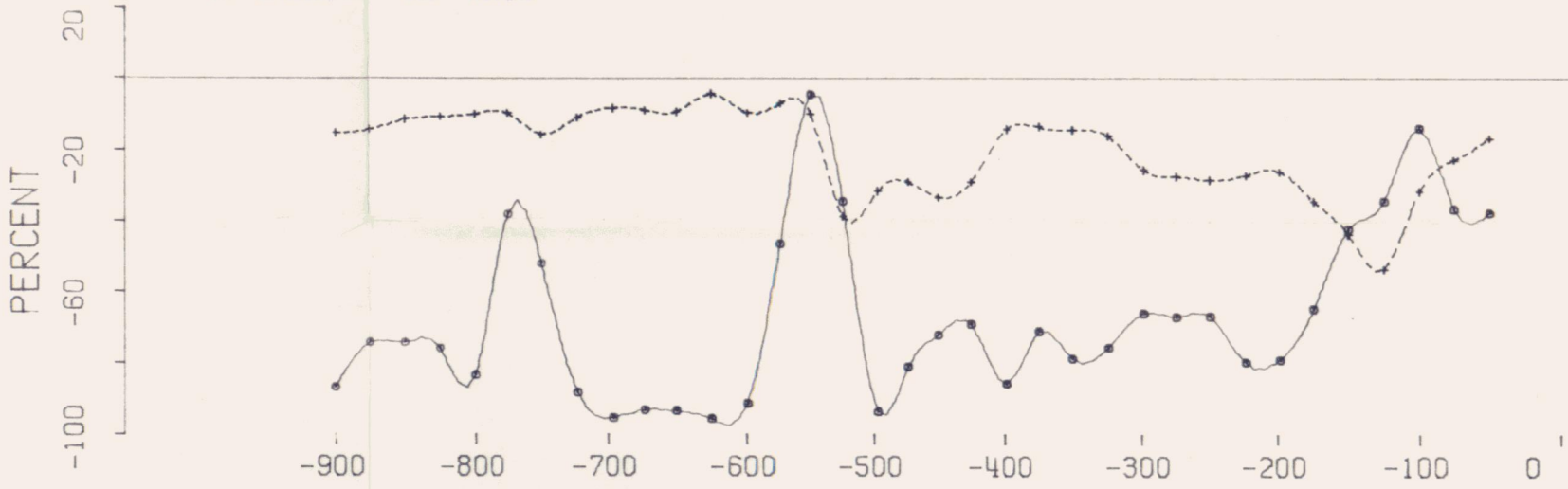
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 A - SPACING = 100 METERS




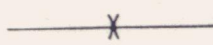
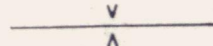
STATION LOCATION


SELWYN PROJECT -- BUM GRID LINE 3000 WEST

TOPOGRAPHY



LEGEND

-  Broad HLEM Conductor (I/P @ 444 Hz)
-  Narrow HLEM Conductor
-  Weak HLEM Conductor

ANACONDA Canada Exploration Ltd. 

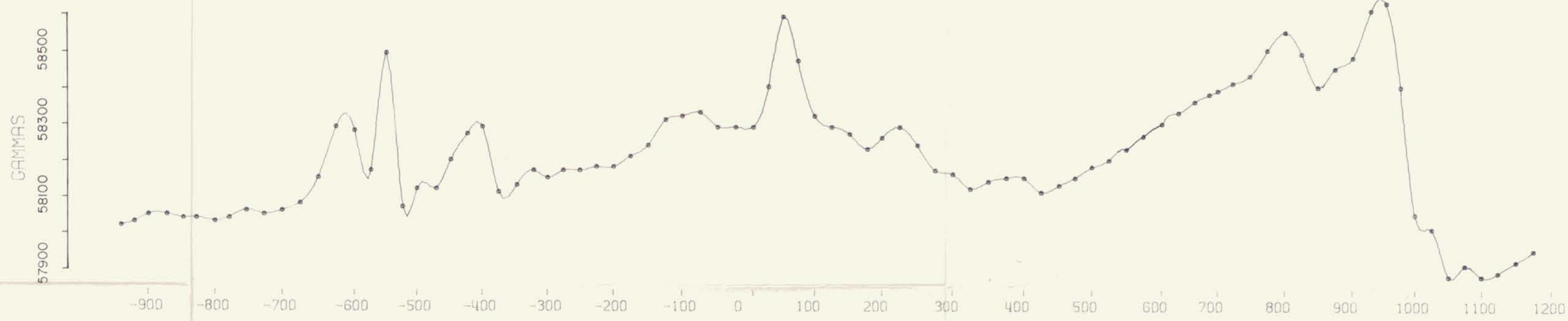
SELWYN PROJECT

BUM GRID LINE 3000 W

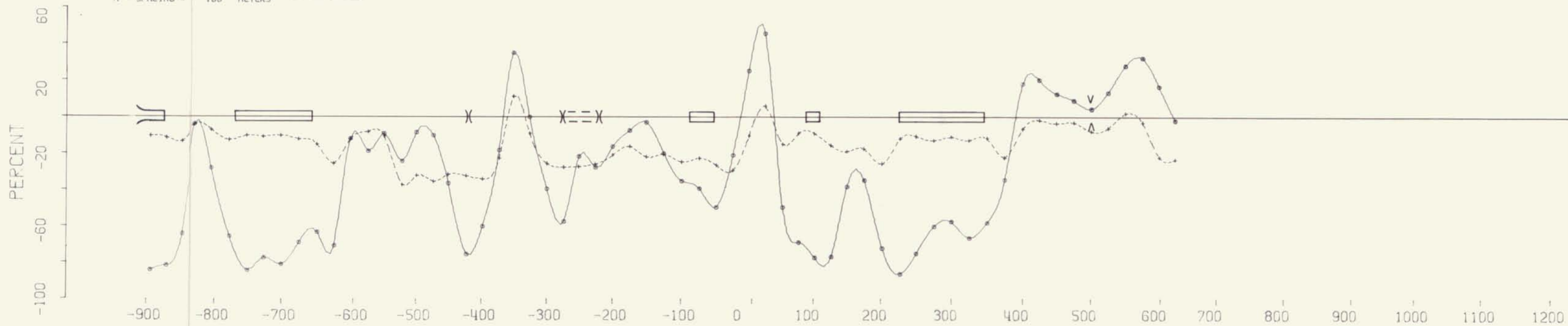
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scale: 1: 5,000	n.t.s. 105- L -14	fig./proj. no. 23

091461

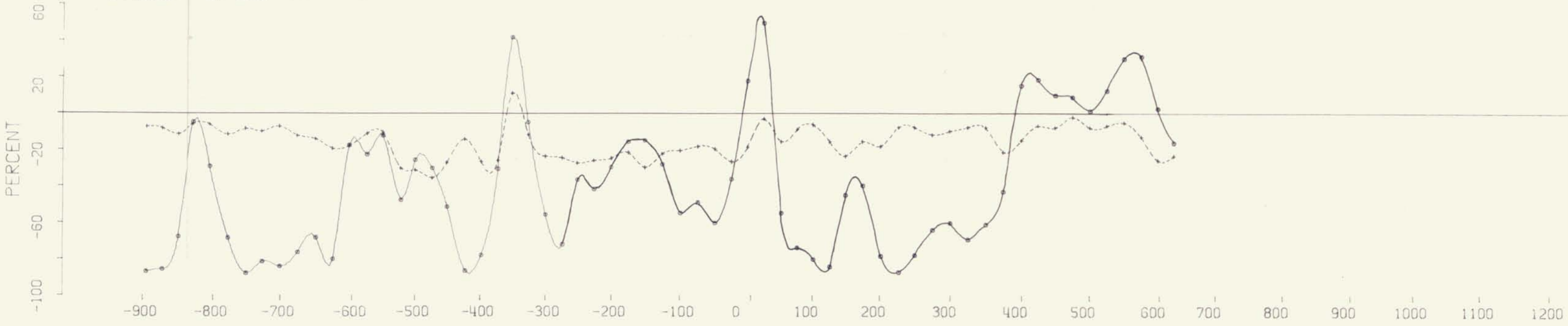
MAGNETICS



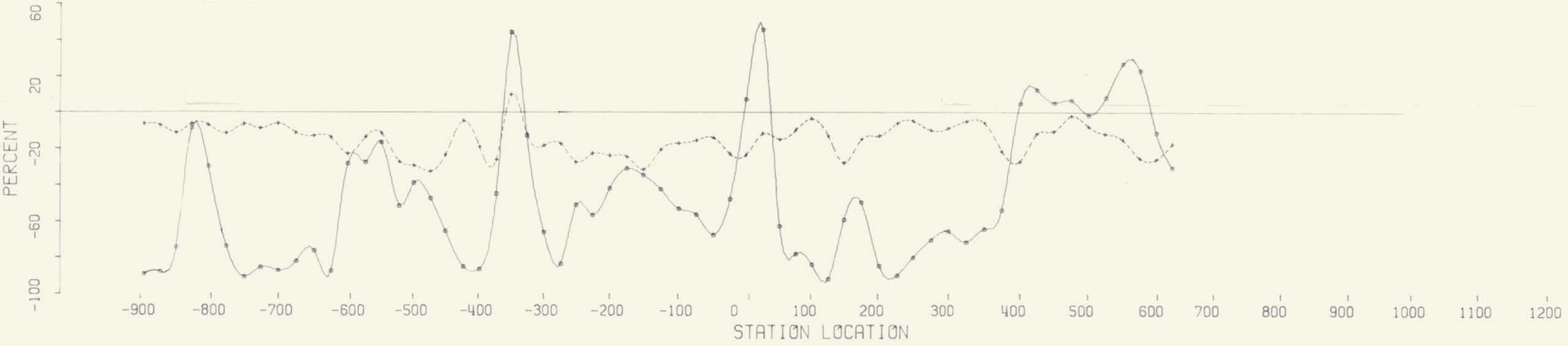
FREQUENCY: 444 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 R - SPACING = 100 METERS



FREQUENCY: 888 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 R - SPACING = 100 METERS



FREQUENCY: 1777 HERTZ
 IN-PHASE: SOLID LINE
 OUT-OF-PHASE: DASHED LINE
 R - SPACING = 100 METERS



SELWYN PROJECT -- BUM GRID LINE 3200 WEST

TOPOGRAPHY



LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

BUM GRID LINE 3200 W

geology by: A. S. drawn by: E. B. date: MAY 83
 scale: 1: 5,000 n.t.s.: 105-L-14 fig./proj. no. 24

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