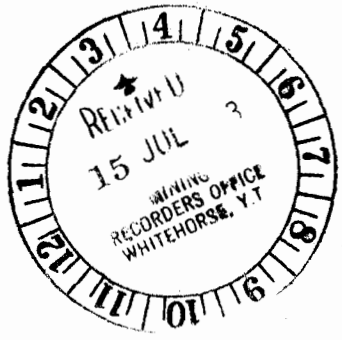
Anaconda Canada Exploration Ltd.



ASSESSMENT WORK REPORT

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

ACE, BUSH AND CLARE CLAIMS

Whitehorse Mining District

Yukon Territory

NTS 105 L/15, 16

Latitude: 62°53'N Longitude: 134°44'W

Field Work Performed: May 19 to October 22, 1982

091468

R. D. Hall

June 22, 1983

This report has been examined by the Geological Branch and it under Section 50 (3) Yukon Quartz Mining Act and is allowed as representation work to the amount of $ 253.00.

P Wilkinson

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

TABLE OF CONTENTS

	Page
INTRODUCTION	1
LOCATION AND ACCESS	1
CLAIMS	3
REGIONAL GEOLOGY	4
WORK APPLIED FOR ASSESSMENT	6
INTRODUCTION	6
PROPERTY GEOLOGY	7
Introduction	7
Eastern Domain	8
GRID GEOLOGY	10
Introduction	10
Lone Mountain Grid	10
Francois Grid	11
Main East Extension, Canyon and Scooter Grids	11
GEOCHEMISTRY	12
GEOPHYSICS	15
MINERALIZATION	15
Ace Barite Lens	15
Fe-Sulfide Mineralization	
Skarn Mineralization	16
Vein Mineralization	17
RECOMMENDATIONS	17
REFERENCES	19

APPENDICES

APPENDIX I	STATEMENT OF EXPENDITURES	21
	CERTIFICATION	27
	NAMES AND ADDRESSES OF PERSONNEL	28
APPENDIX II	DESCRIPTION OF MAP UNITS	30
APPENDIX III	SOIL GEOCHEMICAL RESULTS AND STATISTICAL ANALYSIS OF DATA	not enumerated

LIST OF FIGURES

Figure	Description	Page
1	Yukon Location Map	1a
2	1982 Selwyn Project Claim Holdings; 1:250,000 scale	1b
3	ACE, BUSH, CLARE Claim Map; scale 1" = 1/2 mile	In pocket
4	Simplified property geology; 1:25,000 scale	" "
5	Index map of 1:50,000 scale topographic sheets; 1:250,000 scale	11a
6 (1-3)	Geology of Lone Mountain and Francois grids; 1:5,000 scale	under sep. cover
7	Geology of Roger grid; 1:5,000 scale	" "
8 (1-4)	Geology of Main East Extension, Canyon and Scotter grids; 1:5,000 scale	" "
9	Geology of Banana grid; 1:5,000 scale	" "
10 (1-3)	Soil geochemistry of Lone Mountain, Francois and Ace grids; 1:5,000 scale	" "
11 (2)	Soil geochemistry of Roger grid; 1:5,000 scale	" "
12 (1-4)	Soil geochemistry of Main East Extension, Canyon and Scooter grids	" "
13	Soil geochemistry of Banana grid; 1:5,000 scale	" "
14	Soil geochemistry Dromedary N. Ridge and Bush claims; 1:5,000 scale	" "
15	Ace barite zone; 1:5,000 scale	15a
16	Section N 30°E (measured section #1); 1:500 scale	15b
17	Lone Mountain location map, trench and soil Pb anomaly; 1:5,000 scale	17a
18	Lone Mountain trench T-3; 1:250 scale.	17b

LIST OF TABLES

Table	Description	Page
1	Table of Formations	5
2	Summary of Soil Samples	14
3	Locations of Showings	18

INTRODUCTION

This report documents expenditures for a total of 2661 claim years of assessment, sufficient to maintain the ACE 1-724 claims to May 1, 1989; ACE 719B-724B, 725-734 and 739-754 claims to May 1, 1988; BUSH 1-32 claims to May 1, 1987; BUSH 33-48 claims to May 1, 1987; CLARE 65B-72B, 73-76 claims to May 1, 1987 and CLARE 1-42, 49-54, 65 and 67-72 claims to May 1, 1985. These claims are included in the Selwyn Project area (NTS 105 L) of Anaconda Canada Exploration, Ltd. (Figures 1 and 2). The project was initiated by staking in the Dromedary Mountain area during the fall of 1980.

During the period May 19 to October 22, 1982 an integrated geological, geophysical and geochemical exploration program was carried out on the ACE group and contiguous BUSH and CLARE claims. Activities in 1982 were along strike from property work carried out in the Dromedary Mountain area in 1981.

The purpose of field work was to evaluate trends of airborne magnetic and electromagnetic anomalies detected by an airborne survey completed in the Spring of 1981 (Carlson, Nov. 16, 1981) and to bring the project to the drilling stage.

LOCATION AND ACCESS

The Selwyn project area (NTS 105 L) is located 75 km due east of the confluence of the Pelly River and MacMillan River, Yukon Territory (Figures 1 and 2). The area is 240 km due north of Whitehorse and is approximately equidistant from towns of Mayo, Carmacks and Faro.

Exploration in the project area was conducted from a central base camp located on the north shore of Earn Lake. Access to the Earn Lake camp was by float-equipped aircraft from Whitehorse or Mayo. Aircraft on

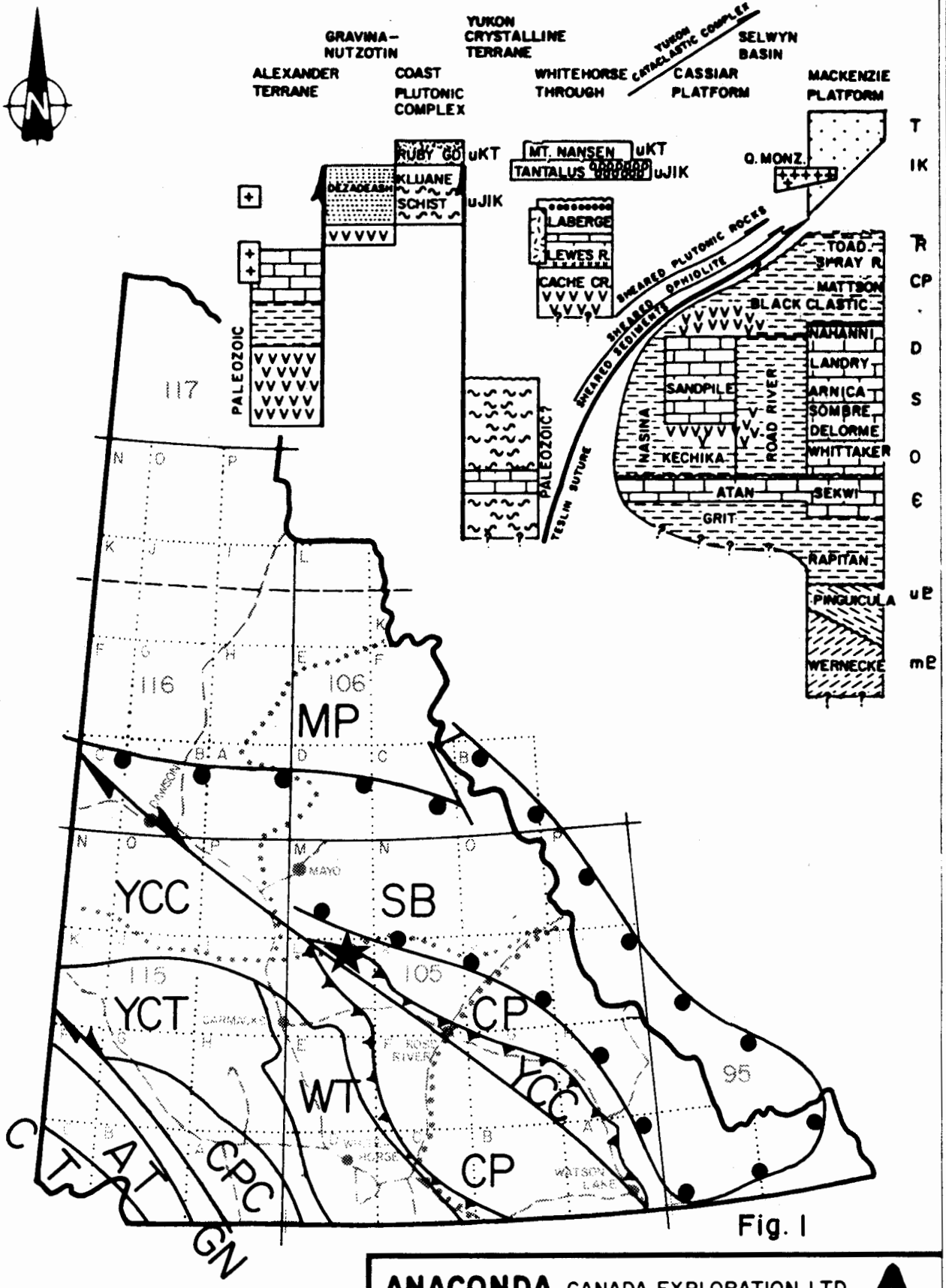
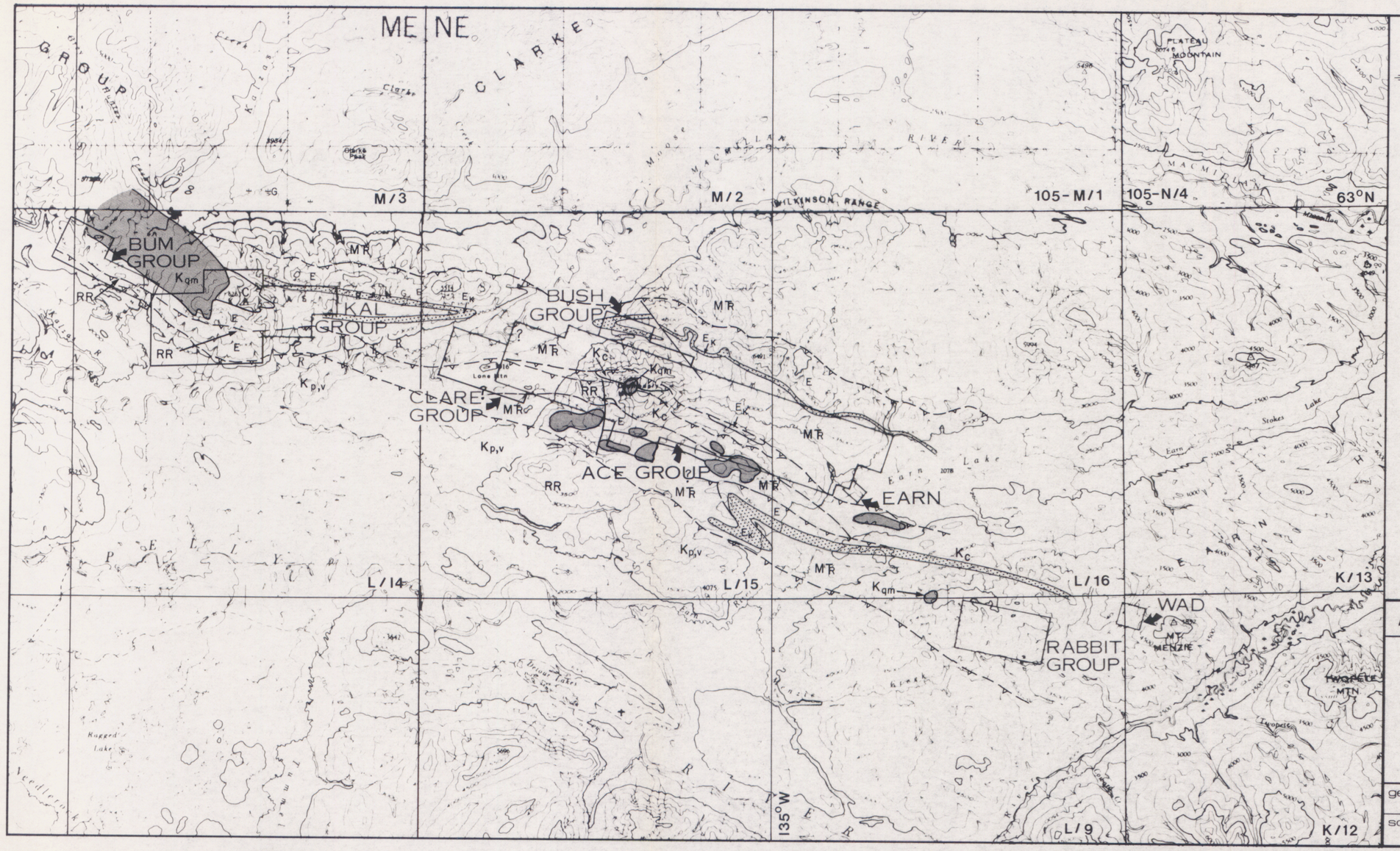


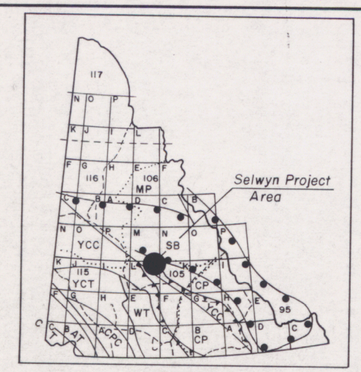
Fig. 1

ANACONDA CANADA EXPLORATION LTD.

SELWYN PROJECT AREA

Work by:	Drawn by	N.T.S
Scale: 1:50,000,000	Date:	Map ___ of ___





LOCATION MAP

LEGEND

K	Intrusives: 120-90 my Biotite Quartz Monzonite Suite, South Fork Volcanics
MR	Chert-Siltstone Unit, Sandstone-Shale-Limestone Unit
DME	Earn Group: K- Kalzas Formation
O RR	Road River Group
€OK	Kechika Group: c-carbonate, p-phyllite, v-volcanic
PG	"Grit Unit"

Note: *Contacts are approximate.*

0 5 10 15 20 KM

ANACONDA Canada Exploration Ltd.

1982 SELWYN PROJECT

CLAIM HOLDINGS

geology by: R. HALL	drawn by: E.B.W.	date: FEB 83
scale: 1:250,000	n.t.s. 105-L-M-N-K	drawing no. 2

wheels, available from Whitehorse, Faro or Mayo, can use the Detour airstrip, 23 km south of Earn Lake. The airstrip can accommodate aircraft up to the size of a Twin Otter. A winter road from Pelly Crossing to the Russell Creek placer mining operation traverses the southern shore of Earn Lake.

Property work required use of a contract helicopter from Trans North Turbo Air Ltd. on a daily basis.

CLAIMS

The project area includes 1436 Quartz claims (30,018 hectares) in five non-contiguous blocks distributed over a strike length of 80 km and underlain by strata mainly assigned to the Deveno-Mississippian Earn Group by Campbell (1967). Claims are wholly owned by Anaconda Canada Exploration Ltd. Claims for which assessment is applied in this report include the following:

Claim Name	Record Number	Expiry Date	Recording Date
ACE 1-64	YA 52055-18	MAY 1, 1989	SEPT. 26, 1980
ACE 65-96	YA 51438-69	MAY 1, 1989	SEPT. 10, 1980
ACE 97-192	YA 52119-214	MAY 1, 1989	SEPT. 26, 1980
ACE 193-224	YA 52251-282	MAY 1, 1989	OCT. 8, 1980
ACE 225-504	YA 52283-562	MAY 1, 1989	OCT. 14, 1980
ACE 505-724	YA 59089-308	MAY 1, 1989	DEC. 4, 1980
ACE 719B-724B	YA 74825-830	MAY 1, 1988	JULY 26, 1982
ACE 725-734	YA 74831-840	MAY 1, 1988	JULY 26, 1982
ACE 739-754	YA 74853-868	MAY 1, 1988	JULY 26, 1982
EARN 1-2	YA 59031-032	MAY 1, 1986	OCT. 20, 1980
EARN 3-4	YA 59309-310	MAY 1, 1986	DEC. 4, 1980
EARN 5-6	YA 74171-172	OCT. 14, 1983	OCT. 14, 1980
CLARE 1-42	YA 59696-737	MAY 1, 1985	APRIL 16, 1981
CLARE 49-54	YA 59738-743	MAY 1, 1985	APRIL 16, 1981
CLARE 65	YA 59744	MAY 1, 1985	APRIL 16, 1981
CLARE 67-72	YA 59745-750	MAY 1, 1985	APRIL 16, 1981
CLARE 65B-72B	YA 74841-848	MAY 1, 1987	JULY 26, 1982
CLARE 73-76	YA 74849-852	MAY 1, 1987	JULY 26, 1982
BUSH 1-32	YA 59895-926	MAY 1, 1987	APRIL 16, 1981
BUSH 33-48	YA 74809-824	MAY 1, 1987	JULY 22, 1982

Claims are illustrated in Figure 3.

WHITEHORSE 13, JAN 1966

135°00'

63°00'

134°30'

64°

BUSH GROUP

ACE GROUP

CLARE GROUP

MACMILLAN RIVER

MINING DISTRICT

MINING DISTRICT

LAKE

EARN

GETTY SUE

GETTY SUE

SOLO CLAIM

MT

DROMEDARY MTN

105 L-15

105 L-16

Figure 3

091468

SCALE : 1/2 MILE to 1 INCH

1500 0 1500 3000 4500 6000 7500 9000 10500

FEET

ANACONDA CANADA EXPLORATION LTD.

ACE GROUP

CLAIM LOCATION MAP

YUKON TERRITORY

Compilation by : G.G.C.	Drawn by : C.D./S.J.	Date : September 1980 revised, February, 1983
Scale : 1/2 Mile to 1 Inch	N.T.S. 105 L-15-16	Drawing No. 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, which 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). The trough deposits are probably a reflection of 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 (Table 1). 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. Similarily, 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 the thrust panels.

Table 1

TABLE OF FORMATIONS

System	Series	Formation		Lithology [1]
Mesozoic	Middle Cretaceous	South Fork Volcanics		
		120-90 my Biotite Quartz-Monzonite Suite		
		Intrusive Contact		
Paleozoic	Permo-Triassic	Calcareous sandstone-micaceous shale-limestone unit (400 m)		
	middle Mississippian	Chert-siltstone unit (200 m)		
	Lower Mississippian	Earn Group (>1000 m)	Kalzas Formation (<50 m)	
	Lower Mississippian to upper Devonian(?)		Crystal Peak Formation (800)	
		Unconformity		
	middle to upper Ordovician	Road River Group (30 m)		
	Ordovician to lower Cambrian	Kechika Group		
	lower Cambrian to upper Proterozoic	"Grit Unit"		

[1] lithologies are described in Appendix II

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 30 m 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. A simplified sketch of the 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 and Anvil Batholith axis of extension and magmatism. Structurally controlled tungsten vein and base metal skarn mineralization is locally overprinted on biotite-andalusite hornfels, and biotite calc-silicate hornfels. Annular magnetic patterns associated with stocks are a reflection of the pyrrhotite zone of contact metamorphism.

WORK APPLIED FOR ASSESSMENT

INTRODUCTION

Property work on the ACE group and contiguous claims was conducted from the Earn base camp and was helicopter supported. Integrated geological, geophysical and geochemical programs were completed during the period May 19 to October 22, 1982, on the Lone Mountain, Francois, Roger, Main East Extension, Canyon and Scooter grids, representing 88 km (secant distance) of slope chained cut line. Geological mapping of claims was carried out at a scale of 1:25,000 and mapping of grids was carried out at a scale of 1:5,000.

Base lines and cross lines were cut on azimuths of 118^{o} and 018^{o} respectively by contractors from Eastern Associates Reg'd. using chain

saws. Cross lines on grids were initially cut at 400 m intervals. However, a fill-in program initiated in mid-August provided 200 m grid coverage on the Roger and Francois grids.

Earn camp based temporary personnel included a 4 person geophysical group, a 9 person geological group (5 senior assistants, 4 junior assistants) and a cook. Permanent employees included technician F. Thrane, project geophysicist A. Scott and project geologist R. Hall. Contract personnel included two linecutters from Eastern Associates Reg'd, pilot and engineer from Trans North Turbo Air Ltd. and two geophysical operators from Murrex Gravity Surveys Ltd.

Ken Dawson and Steve Gordey of the GSC in Vancouver and Grant Abbott of DIAND in Whitehorse visited the Earn camp briefly during the field season. The geological contribution of these individuals to the project was considerable. In addition they are to provide conodont ages for about 26 samples and ages determined from invertebrate fossil assemblages for an additional 10 samples. The information should provide suitable paleontological control for regional correlation of map units.

Anaconda provided financial and logistical support for wildlife studies in the Earn Lake area. During the summer and fall of 1982 and winter of 1983, studies were carried out by the Yukon Department of Renewable Resources under the supervision of Tony Nette, wildlife management biologist of the Resource Management Division.

PROPERTY GEOLOGY

Introduction

Bedrock exposure on the property consists mainly of resistant coarse clastics of Earn Group, hornfelses near margins of Cretaceous stocks and sills of South Fork volcanic suite. Other map units are recessive and exposures are restricted to creek cuts. Resistant hornfels underlie much of Lone Mountain and Dromedary Mountain.

CRYSTAL CK

WILKINSON RANGE

EARN MOUNTAIN

5200

4807

3700

4100

3300

3200

2600

2400

2900

3100

1600

2061±

DROMEDARY CREEK

EARN LAKE

EARN R.

HILLS

DM_E

MT

E_{CP}

E_{CP}

E_{CP}

MT

ϵO_{Kc-cs}

K_{SF}

T_{Rx}

JUST HAPPY GRID

TRACELINE

BASE CAMP

N

LEGEND

CRETACEOUS - TERTIARY

K_{SF} SOUTH FORK FM: Porphyritic intemediate 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

$P_{\bar{T}R}$ UNDIFFERENTIATED; k- calcareous cross laminated sandstone; ss!- 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

$\mathcal{M}E_K$ KALZAS FM: c- fossiliferous limestone, ss- sandstone. sh- calcareous and graphitic shale.

$\mathcal{M}E_{CP}$ CRYSTAL PEAK FM: cgl- chert pebble conglomerate, ss- sandstone, sst- siltstone, sh- shale, md- mudstone.

DEVONIAN - MISSISSIPPIAN

EARN GROUP

DM_E UNDIFFERENTIATED CLASTICS: 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

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

PROTEROZOIC - CAMBRIAN

$P\epsilon_G$ 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 81
- egGC Showing
- Fly camp

INDEX MAP

Sheet 2 | Sheet 1

0 1 2 KILOMETRES

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

091468

SIMPLIFIED PROPERTY GEOLOGY

geology by: G.C	drawn by: E.B.W.	date: JUNE 83
scale: 1:25,000	n.t.s. 105-L-16	fig./proj. no. 4-1

KALZAS RANGE

MACMILLAN RIVER

CRYSTAL CREEK

DUO CREEK

HORSFALL CREEK

DROMEDARY CREEK

CRYSTAL RANGE

SELWYN DOWNS

MT_{Rx}

E_{CP}

E_K

BUSH GRID

DM_E

CRYSTAL PEAK

M_E

LONE MOUNTAIN

LONE MTN. GRID

ϵO_{Kc-cs}

FRANCOIS GRID

ACE BARITE

MAIN GRID

K_{qm}

DROMEDARY MOUNTAIN

O_{RR}

T_{Rx}

K_{SF}

DM_{Ecp}

ROGER GRID

SCOOTER GRID

MT

CANYON GRID

BANANA GRID

$\epsilon O_{Kp,v}$

INDEX MAP

Sheet 2

Sheet 1

0 1 2 KILOMETRES

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

SIMPLIFIED PROPERTY GEOLOGY

091468

geology by: G.C.	drawn by: E.B.W.	date: MAR, 1983
scale: 1:25,000	n.t.s. 105 L/15	fig./proj. no. 4-2

The ACE group and contiguous claims are assigned to an eastern domain extending from Lone Mountain to the Earn Hills. Principle formations can be correlated across domains, but correlation of map units across contact metamorphic aureoles within domains is tentative. A simplified interpretation of the property geology is presented in Figure 4 at a scale of 1:25,000.

Eastern Domain

Several major northwest-southeast trending and south dipping thrust panels are recognized in the eastern domain. From north to south they include "Crystal Creek", "Crystal Peak", "Dromedary" and "Horsfall" panels.

"Crystal Creek" panel consists of Crystal Peak Formation, fossiliferous shale and limestone possibly correlatable to Kalzas Formation, Mississippian chert and siltstone and Permo-Triassic sandstone, shale and limestone. Campbell (1967) mapped this sequence as Crystal Peak Formation in fault contact with unit 10, presumably an older sequence of argillite, quartzites, limestone and chert conglomerate. Relationships observed on the northwestern part of this panel and within "Crystal Peak" panel suggest unit 10 of Campbell lies conformably above Crystal Peak Formation. The Permo-Triassic clastic sequence and Mississippian chert-siltstone sequence, included in unit 10 by Campbell, are mapped as separate entities and separated from Earn Group of Campbell.

A tightly folded unit of brown weathering thinly interbedded silty shale and impure sandstone, representing the lower part of Crystal Peak Formation, is thrust over Permo-Triassic strata on the north face of Crystal Peak. The "Crystal Peak" panel is characterized by thick lenses of chert pebble conglomerate but rhythmically bedded units of chert granule grit, chert lithic sandstone and black silty shale underlie lenses of conglomerate. Chert pebble conglomerate is conformably overlain by fossiliferous limestone of the Kalzas Formation, the Mississippian chert-siltstone unit and the Permo-Triassic clastic sequence.

The Kalzas Formation is a good marker that is complexly folded and thickened about a broad open syncline at the western boundary of the eastern domain. Limestone similar to Kalzas Formation occurs in an inverted section on Canyon and Scooter grids along the southern margin of the thrust panel. Data suggest the marker is folded through an overturned syncline with fold axis subparallel to Dromedary Creek and plunging shallowly to the east.

On the north and west slopes of Dromedary Mountain the section is tightly folded and cut by high angle faults parallel to bedding. Fold axes are generally east-west trending and shallowly plunging but steeply plunging structures are locally observed. The section is hornfelsed and tentatively correlated with Mississippian chert-siltstone and Permo-Triassic units. The same section is believed to underlie much of the northern part of the Francois grid. Strata of Earn Group may be represented on the north slope of Dromedary Mountain but are not positively identified.

A thick section of resistant dark grey weathering laminated quartz-rich calc-silicate hornfels derived from calcareous quartz lithic sandstone on the north ridge of Dromedary Mountain marks the base of the "Dromedary Mountain" panel. The exact position of the thrust is speculative, but it is placed in the first major recessive unit structurally below massive strata. The lower part of the panel consists of laminated calc-silicate hornfels and wavy banded calc-silicate hornfels of Kechika Group. Narrow units of brown weathering andalusite-pyrrhotite slate (e.g. saddle on Dromedary Mountain, Silver Creek area) mark the location of high angle splay faults in the lower part of the panel. This slate is tentatively assigned to the Earn Group on the basis of bryozoa similar to those observed in a better preserved section on the Cave grid. Units of Kechika Group on Dromedary Mountain are folded and repeated by faulting.

On the southern flank of Dromedary Mountain hornfels of Kechika Group are conformably overlain by about 10 m of graptolitic shale of Road River Group and in turn unconformably by strata of Earn Group.

Rhythmically bedded units of chert pebble conglomerate, chert granule grit, chert lithic sandstone and silty shale of Earn Group are well exposed in the vicinity of "Black Bart". The section is notably pyritic and shale beds contain abundant plant remains. Thick lenses of chert pebble conglomerate are conspicuously absent but the section is similar to that below the main chert pebble conglomerate lens on the north slope of Crystal Peak.

The "Horsfall" panel was not mapped in detail. The lower part of the panel consists of intercalated calcareous phyllite and carbonate and minor pillowed mafic volcanics of the Kechika Group (Anvil Range Group). Mafic volcanics are particularly abundant in the Menzie Creek area. Here mafic volcanics overlie calcareous phyllite but are intercalated with calcareous phyllite towards the base of the section. In the Tay River map area, Gordey (1983) traced mafic volcanics into a laminated, siliceous argillite and siltstone unit similar to the laminated, quartz-rich, calc-silicate hornfels unit on Dromedary Mountain. On this basis, calcareous facies of Kechika Group on Dromedary Mountain are thought to overlie the phyllite facies.

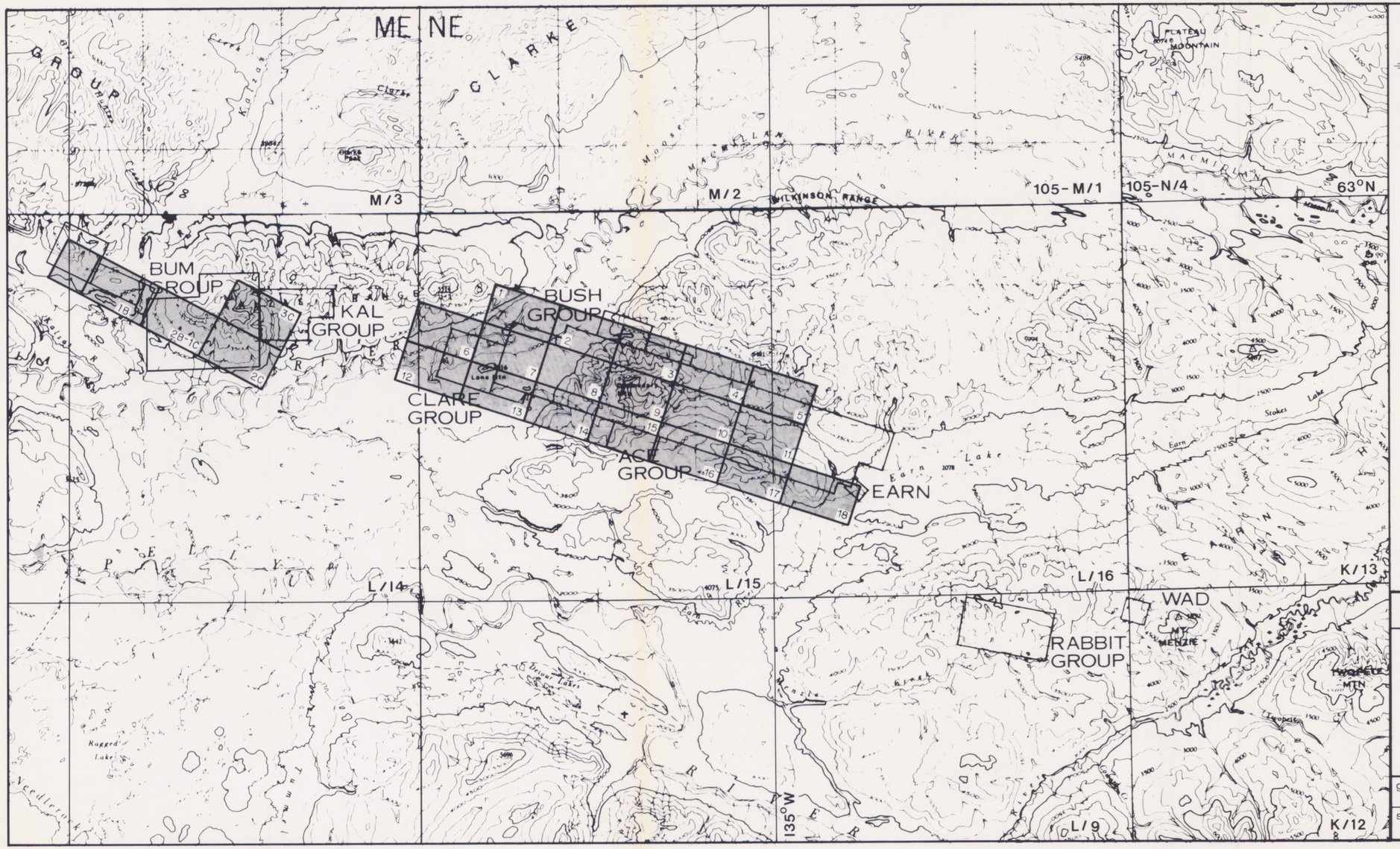
GRID GEOLOGY

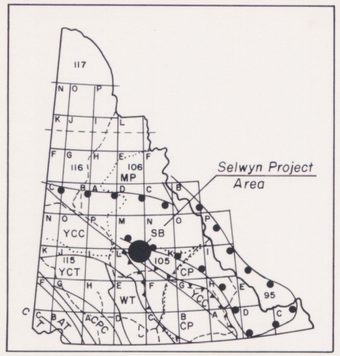
Introduction

Results of grid mapping are presented on topographic base maps at a scale of 1:5,000 (Figures 6 to 9 under separate cover). Topographic sheets are indexed in Figure 5.

Lone Mountain Grid

The Lone Mountain grid, cut in 1981, covers an isolated, gossanous topographic high in the MacMillan River Valley. The grid is underlain by interbedded slate, phyllite marble and calc-silicate hornfels representing carbonate facies of the Kechika Group. The cleavage strikes approximately east-west and dips steeply south. These strata are correlated with the calcareous facies of Kechika Group sediments exposed south of the saddle on Dromedary Mountain.





LOCATION MAP

0 5 10 15 20 KM

ANACONDA Canada Exploration Ltd.

1982 **SELWYN PROJECT**

INDEX

1 :5,000 (SCALE) TOPOGRAPHIC SHEETS

geology by: R. HALL	drawn by: E.B.W.	date: FEB 83
scale: 1:250,000	n.t.s. 105-L-M-N-K	drawing no. 5

Non-calcareous beds contain about one percent pyrrhotite as disseminated grains and thin stringers parallel to cleavage. Quart-chlorite-actinolite-pyrrhotite skarn contains minor chalcopyrite. The high background pyrrhotite content of these strata is reflected in the dense linear fabric of ground magnetic data.

The soil anomaly on the western slope of Lone Mountain is in an area characterized by numerous barren, fetid, quartz-carbonate veins and is caused by at least one flat lying, narrow, quartz arsenopyrite-galena vein.

Francois Grid

The Francois grid is located adjacent to the Macmillan River Valley, between Lone Mountain and Dromedary Mountain in an area of very subdued topography and poor outcrop exposure. A series of low ridges, parallel to the regional trend of map units, cross the area. There is almost no outcrop within the grid.

Two thrusts mapped on Dromedary Mountain are believed to extend across the grid. The northern thrust is interpreted to fall along the boundary between conductive strata to the north and a 250 m thick section of strata with high magnetic relief in the southern part of the grid. The conductive strata are represented by folded undifferentiated Mississippian chert and Permo-Triassic map units, while magnetic strata are tentatively correlated with fine clastics of the Earn Group along strike to the east in the saddle of Dromedary Mountain.

Strata south of the prominent magnetic trend on the Francois grid are correlated with the carbonate facies of the Kechika Group on Lone Mountain and Dromedary Mountain.

Main East Extension, Canyon and Scooter Grids

Exposure on the Main East Extension, Scooter and Canyon grids is poor. Most geological information was obtained in creek cuts and from drill holes 81-D-8, 9 and 10 in the vicinity of L 60E to L 52E at about 700 m

S. The grids are underlain by carbonate and phyllite facies of the Kechika Group, a lens of Kalzas Formation, the Mississippian chert-siltstone unit and the Permo-Triassic clastic sequence.

The Lower Paleozoic assemblage is allochthonous. Younger strata are overturned and repeated by folding and thrusting. The Permo-Triassic section contains abundant and diverse invertebrate fossils assemblages and may contain thin chert units similar in character to the Mississippian chert.

Strata in the fault panel structurally below the Kechika Group are conductive, charaterized by strong magnetic relief and are associated with a trend of gravity anomalies. These strata include orange weathering chert, black chert, graphitic shale and mudstone and thin beds of dark grey carbonate. The sequence is thought to be Mississippian in age. The black chert contains abundant pyrite as disseminations and as numerous thin beds.

GEOCHEMISTRY

3500 soil samples were collected by Earn based personnel. Samples were routinely run for Cu, Pb, Zn and Ag and selectively for Hg and/or Ba by Bondar-Clegg in Whitehorse. Raw data are tabulated and analytical procedures are summarized in Appendix III. Data are presented in figures 10 to 14, under separate cover.

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 but some samples, collected in areas of subdued topography and shallow permafrost, may be rich in organic material or volcanic ash. Lower quality soil samples are identified on the geochemistry maps. The Francois grid, in particular, is largely covered by deep overburden.

Analytical results from the soil survey were treated statistically (see histograms, Appendix III). Data for copper, lead, zinc and silver

approximate a lognormal distribution. Upper and lower thresholds for lead in the 90 to 95 percentile range respectively, were arbitrarily picked to provide best contrast in data. Thresholds for lead (Table 2) are used to identify "possibly anomalous" areas on soil geochemistry maps.

A trend of possibly anomalous lead values, parallel to the base line, occurs between 0 and 300 S on the Main East Extension, Canyon and Scooter grids. Possibly anomalous values appear to be associated with a sequence of chert, siltstone and shale thought to be Mississippian in age. The sequence is known to contain abundant pyrite as disseminations and as thin massive beds.

Table 2

SUMMARY OF SOIL SAMPLES

Grid/Area	No. Samples	Pb ppm LT	Pb ppm UT
Francois Grid	1408	16	20
Roger Grid	646	13	15
Main & Extension Grid	447	20	26
Canyon Grid	359	19	26
Scooter Grid	435	15	22
Bush cut lines	67	—	—
Ace Barite	145		
Lone Mtn. Grid	12	—	—
TOTAL	3519		

LT Lower threshold

UT Upper threshold

GEOPHYSICS

Geophysical surveys, including 123 line kilometres of secant chaining, 109 line kilometres of total field magnetometer survey and horizontal loop electromagnetometer survey, and 45 line kilometres of gravity/levels survey were carried out.

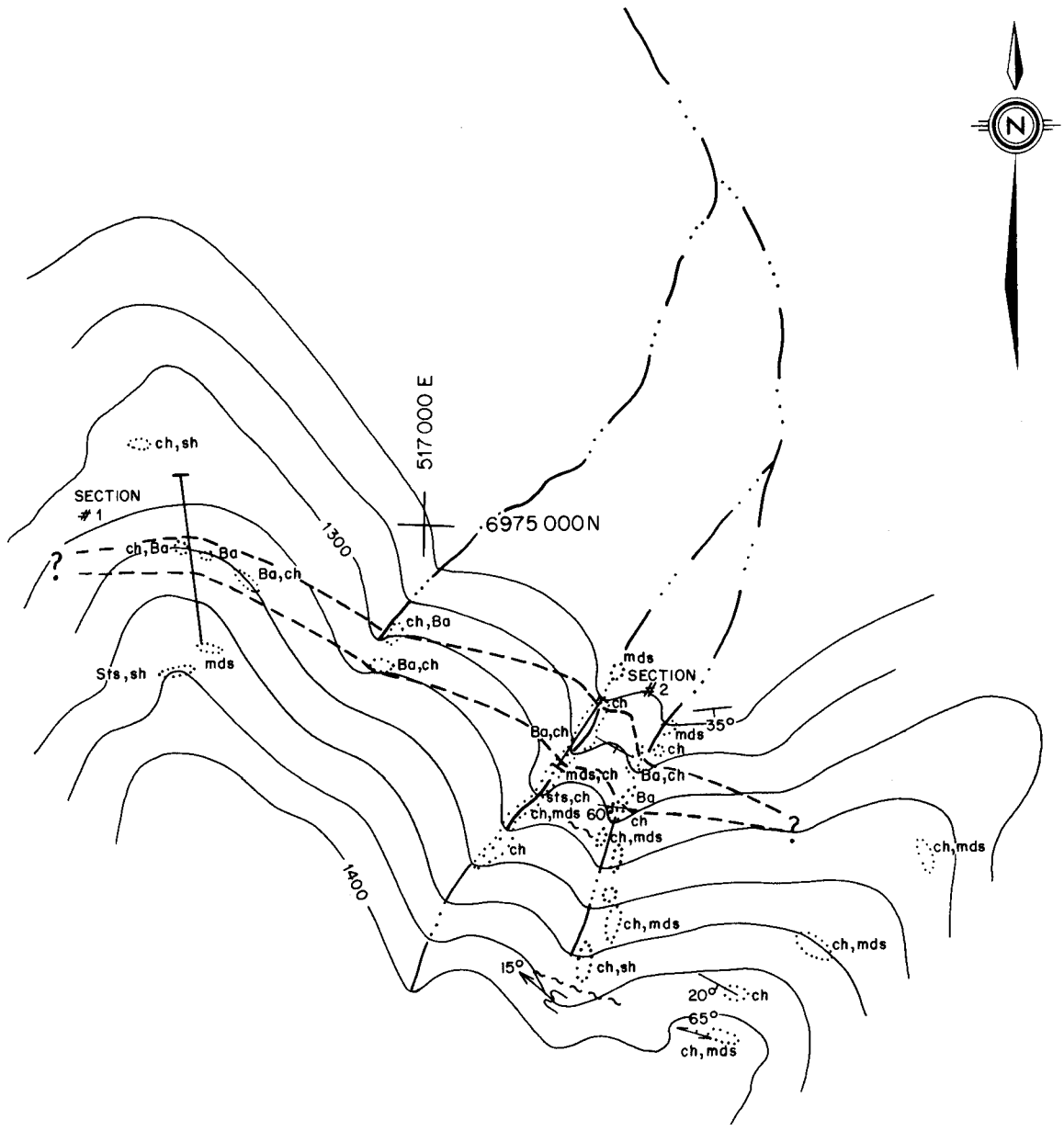
The purpose of these surveys was to define ground location and further define nature of electromagnetic conductors and magnetic features detected by an airoborne survey completed in the spring of 1981 (Carlson, 1981). The 1982 surveys are fully described in the accompanying reports by Scott (May 19, 1983).

MINERALIZATION

Ace Barite Lens

A lens of interbedded grey barite and lesser black chert with shale partings is associated with a thick sequence of thinly interbedded chert and siltstone (Mississippian chert-siltstone unit) on the north slope of Dromedary Mountain (UTM coordinates 516900 m E, 697490 m N; 1250 to 1350 m elevation). The apparent thickness of the baritic interval is 50 m but the interval is thickened by folding. Barite outcrops over a strike length of 400 m, is possibly faulted out to the west and may close out to the east in an east plunging anticline (figures 15 and 16).

The barite lens occurs near the contact between a resistant orange grey weathering interbedded chert-siltstone unit and recessive black shale. Barite occurs as thin, massive, lenticular or nodular beds and medium to thick nodular beds. Most of the barite is relatively pure (about 33 wt% Ba) and finely crystalline.



LEGEND :

⋰⋱	Outcrop
– – –	Outline of barite zone
sts	Siltstone
sh	Shale
mds	Mudstone
ch	Chert
Ba	Barite
⊢	Location of measured section

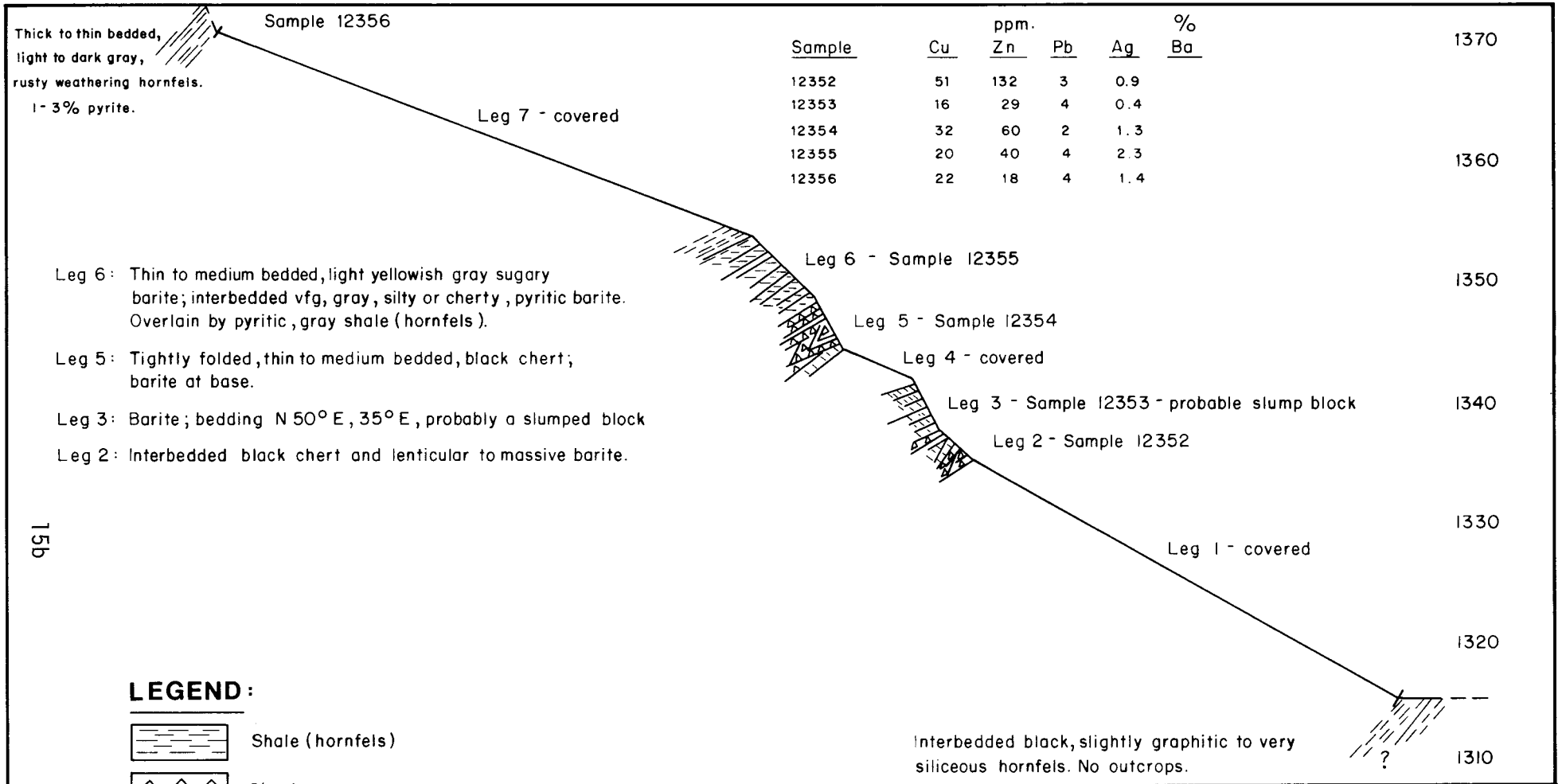
0 100 200 Metres

ANACONDA Canada Exploration Ltd.

1982 SELWYN PROJECT
ACE BARITE ZONE

Contour interval = 20 m

geology by: RWV,MA,SA,GC	drawn by: EBW.	date: FEB-83
scale: 1:5000	n.t.s.	drawing no. ___of___ 15



Sample	ppm. Cu	Zn	Pb	Ag	% Ba
12352	51	132	3	0.9	
12353	16	29	4	0.4	
12354	32	60	2	1.3	
12355	20	40	4	2.3	
12356	22	18	4	1.4	

Leg 6: Thin to medium bedded, light yellowish gray sugary barite; interbedded vfg, gray, silty or cherty, pyritic barite. Overlain by pyritic, gray shale (hornfels).

Leg 5: Tightly folded, thin to medium bedded, black chert; barite at base.

Leg 3: Barite; bedding N 50° E, 35° E, probably a slumped block

Leg 2: Interbedded black chert and lenticular to massive barite.

15b

LEGEND:

Shale (hornfels)

Chert

Barite

Interbedded black, slightly graphitic to very siliceous hornfels. No outcrops.

0 10 20 Metres

ANACONDA Canada Exploration Ltd.

1982 SELWYN PROJECT

SECTION N 30° E

LOOKING WEST

MEASURED SECTION #1

geology by: RWV	drawn by: EBW	date: FEB 83
scale: 1:500	n.t.s.	drawing no. ___ of ___ 16

Fe-Sulfide Mineralization

Bedded pyrite in massive beds less than 10 cm thick is observed in an interbedded sequence of black graphitic shale, black chert, black graphitic mudstone and lesser black marble on the CANYON grid (creek bed; between L100E and L104E south of base line; 925-1000 m elevation) and on the FRANCOIS grid (creek bed; between L18+00W and L22+00W at about 12+00 m N; 825-895 m elevation). The sequence is presently interpreted to be part of the Mississippian chert-siltstone unit.

Skarn Mineralization

Skarn related and structurally controlled lead-zinc-silver mineralization, associated with base metal anomalies in soils, is overprinted on hornfels derived from calcareous facies of Kechika Group and slate of uncertain age in the thermal aureole on Dromedary Mountain. This mineralization was discussed by Carlson (1981).

Seven showings are known (Table 3). The Main-Discovery, Silver Creek and BMS showings appear to be aligned over a strike length of two kilometres and may be associated with the same, although structurally repeated, slate unit.

Skarn consists of lens-like or pod-like masses of quartz and one or more of tremolite/actinolite, chlorite, magnetite, calcite, garnet and sulfides (mainly pyrrhotite, lesser pyrite, sphalerite, galena and minor chalcopyrite). Host rocks are moderately to strongly silicified within a few centimetres to a few metres of skarn bodies. Most skarn veins and larger bodies are structurally controlled, commonly oriented parallel to cleavage, but locally may be cross cutting. Skarn bodies are small ranging to one metre in thickness and several tens of metres in strike length. Zones of skarn mineralization are traceable for several hundreds of metres along strike but economic potential of zones is low due to lack of continuity in grade and tonnage.

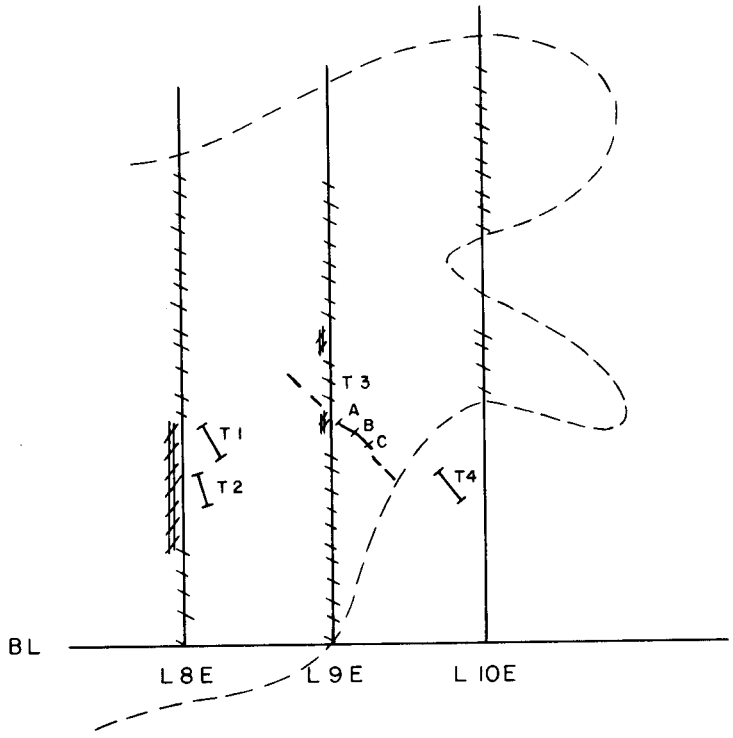
Vein Mineralization

A narrow, quartz-arsenopyrite-galena vein (L9+00 E at 1+50 N, 2700 feet elevation) hosted by hornfels of Kechika Group is the source of a prominent base metal soil anomaly on the steep western slope of Lone Mountain (Figure 17). The vein is 0.3 m wide, strikes 335^{o}and dips shallowly to the north. The average of two chip samples across the vein in trench T-3 (Figure 18) is 32 ppm Cu, 1.24% Pb, 0.41% Zn and 58.7 oz/st Ag over 0.3 m.

Scheelite mineralization, identified by panning stream sediments in drainages peripheral to Dromedary Mountain, is indicated in the upper reaches of the stream draining the south slope of Dromedary Mountain (elevations above 4900 feet, UTM coordinates of approximately 6972700 m N and 514900 m E) but the source of mineralization is unknown.

RECOMMENDATIONS

On the basis of the present interpretation of results, no further work is recommended at this time.



LEGEND

- Soil Pb > 40 ppm
- Soil Pb > 300ppm
- Quartz-galena-arsenopyrite vein
- Soil Pb Anomaly

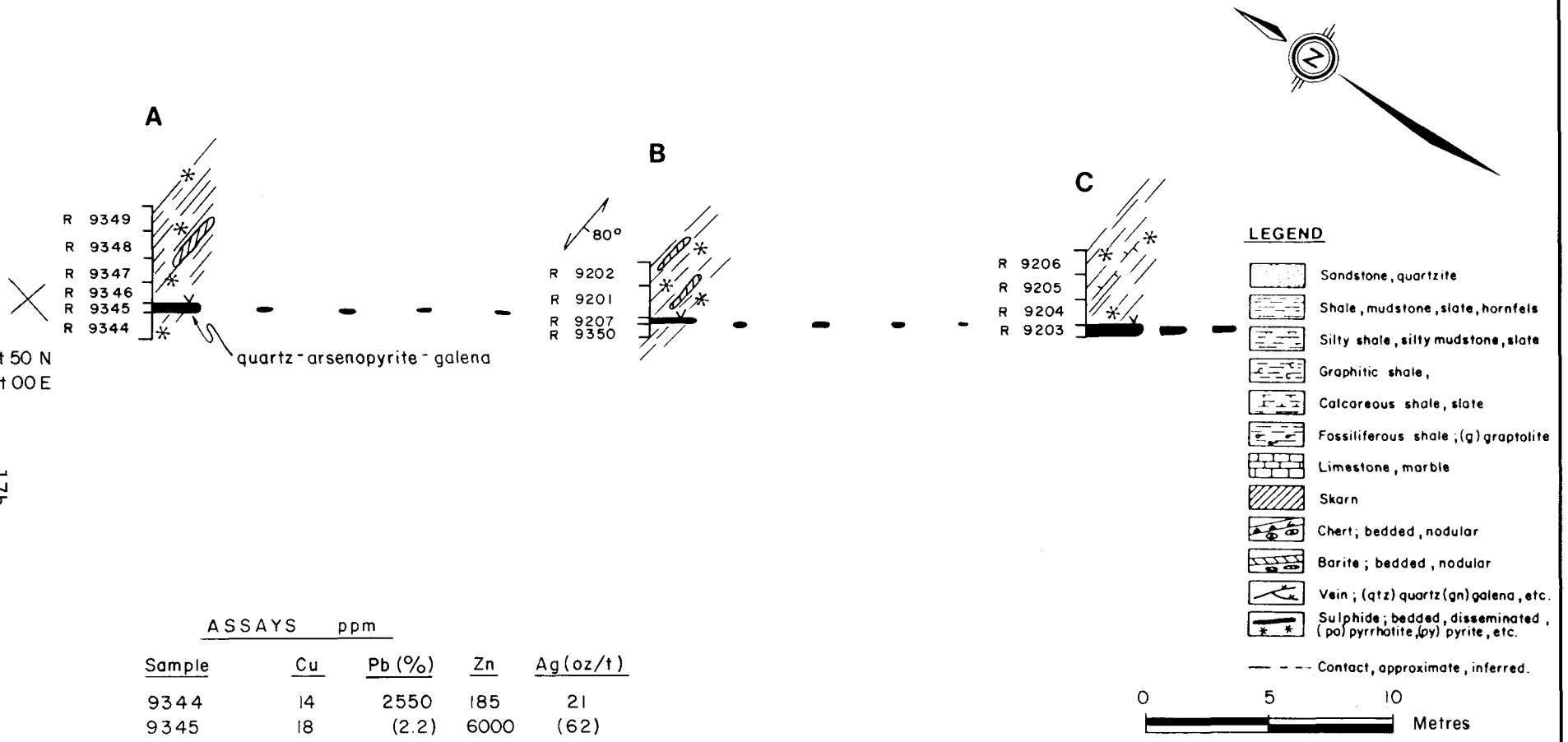
0 100 200 Metres

ANACONDA Canada Exploration Ltd.

1982 SELWYN PROJECT
LONE MOUNTAIN
LOCATION MAP

Trench & Soil Pb Anomaly

drawn by: RH	drawn by: EBW	date: MAR 83
scale: 1:5000		drawing no. 17



176

ASSAYS ppm

Sample	Cu	Pb (%)	Zn	Ag (oz/t)
9344	14	2550	185	21
9345	18	(2.2)	6000	(62)
9346	36	2750	65	26
9347	30	1500	50	16
9348	12	194	15	2
9349	4	144	10	2
9350	32	2050	20	34
9201	34	28	15	2
9202	20	26	5	1
9203	32	2650	2200	31
9204	18	64	105	1
9205	16	40	100	<1
9206	32	86	50	3
9207	50	(1.2)	50	(55)

ANACONDA Canada Exploration Ltd.

1982 SELWYN PROJECT

LONE MOUNTAIN

TRENCH T - 3

geology by R H	drawn by EBW	date MAR 83
scale 1: 250	n.t.s.	drawing no. ___ of ___ 18

Table 3

LOCATIONS OF SHOWINGS

Showing	Grid Coordinates (m)	UTM (m)	Elevation (ft)
P.C.	640 S; 1215W	512500E, 69729009N	4490
G.C.	760 S; 810W	512900E, 6972700N	5040
DISCOVERY	060 S; 053W	513800E, 6973100N	5500
MAIN	085 S; 160W	513700E, 6973100N	5400
SILVER CREEK	350 S; 850E	514700E, 6972500N	4725
BMS	400 S; 1600E	515300E, 6972200N	4600
LM	500 S; 3020E	516400E, 6971700N	4600
ACE BARITE	1525N; 2200W	516900E, 6974900N	4250

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APPENDIX I

STATEMENT OF EXPENDITURES

CERTIFICATION

NAMES AND ADDRESSES OF PERSONNEL

STATEMENT OF EXPENDITURES

ACE 1-724 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982

	($ thousands)
Salaries	
Geology 250 days @ $95/day	
Geochemistry 145 days @ $75/day	
Geophysics 67 days @ $90/day	40.66
Contract geophysics (Murrex Gravity Surveys) 44 days @ $175/day	7.70
Contract line cutting (Eastern Associates) 59.4 km @ $375/km	22.28
Geochemical analysis (Bondar Clegg) 2900 samples @ $4.90/sample	14.20
Geophysical equipment rental 30 days @ $8.23/month	8.23
Fixed Wing flights to base camp (Alcan) @ $40/claim	28.96
Helicopter support (TNTA) 100 hours @ $500/hr.	50.00
Camp charges 570 days @ $50/day	28.50
Office charges 60 days @ $200/day	12.00
Freight & communication charges @ $10/claim	7.24
Total	219.77

STATEMENT OF EXPENDITURES

ACE 719B-724B, 725-734, 739-754 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982

	($ thousands)
Salaries Geology 16 days @ $95/day Geochemistry 25 days @ $75/day Geophysics 40 days @ $90/day	7.00
Contract geophysics (Murrex Gravity Surveys) 9 days @ $175/day	1.58
Contract line cutting (Eastern Associates) 198 km @ $375/km	7.43
Geochemical analysis (Bondar Clegg) 650 samples @ $4.90/sample	3.19
Geophysical equipment rental 14 days @ $8,230/month	3.84
Fixed Wing flights to base camp (Alcan) @ $40/claim	1.28
Helicopter support (TNTA) 20 hours @ $500/hr.	10.00
Camp charges 110 days @ $50/day	5.50
Office charges 25 days @ $200/day	5.00
Freight & communication charges @ $10/claim	0.32
Total	45.14

STATEMENT OF EXPENDITURES

BUSH 1-48 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982

	($ thousands)
Salaries	
Geology 15 days @ $95/day	
Geochemistry 6 days @ $75/day	
Geophysics days @ $90/day	1.88
Contract geophysics (Murrex Gravity Surveys) days @ $175/day	
Contract line cutting (Eastern Associates) km @ $375/km	
Geochemical analysis (Bondar Clegg) 232 samples @ $4.90/sample	1.14
Geophysical equipment rental days @ $8.23/month	
Fixed Wing flights to base camp (Alcan) @ $40/claim	1.92
Helicopter support (TNTA) 5 hours @ $500/hr.	2.5
Camp charges 21 days @ $50/day	1.05
Office charges 5 days @ $200/day	1.0
Freight & communication charges @ $10/claim	0.48
Total	9.97

STATEMENT OF EXPENDITURES

CLARE 65B-72B, 73-76CLAIMS

PERIOD July 26 TO OCTOBER 22, 1982

	($ thousands)
Salaries Geology 2 days @ $95/day Geochemistry 2 days @ $75/day Geophysics 4 days @ $90/day	0.70
Contract geophysics (Murrex Gravity Surveys) days @ $175/day	
Contract line cutting (Eastern Associates) 5.4 km @ $375/km	2.03
Geochemical analysis (Bondar Clegg) 95 samples @ $4.90/sample	0.47
Geophysical equipment rental 1 days @ $8.23/month	0.27
Fixed Wing flights to base camp (Alcan) @ $40/claim	0.48
Helicopter support (TNTA) 2 hours @ $500/hr.	1.0
Camp charges 14 days @ $50/day	0.70
Office charges 4 days @ $200/day	0.80
Freight & communication charges @ $10/claim	0.12
Total	6.75

STATEMENT OF EXPENDITURES

CLARE 1-42, 49-54, 65, 67-72 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982

	($ thousands)
Salaries	
Geology 10 days @ $95/day	
Geochemistry 2 days @ $75/day	
Geophysics 4 days @ $90/day	1.10
Contract geophysics (Murrex Gravity Surveys) days @ $175/day	
Contract line cutting (Eastern Associates) 3.1 km @ $375/km	1.16
Geochemical analysis (Bondar Clegg) 12 samples @ $4.90/sample	
67 samples @ $7.35/sample	0.55
Geophysical equipment rental days @ $8.23/month	
Fixed Wing flights to base camp (Alcan) @ $40/claim	2.2
Helicopter support (TNTA) 5 hours @ $500/hr.	2.5
Camp charges 15 days @ $50/day	0.75
Office charges 3 days @ $200/day	0.60
Freight & communication charges @ $10/claim	0.55
Total	9.41

STATEMENT OF EXPENDITURES

RABBIT 1-128 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982



($ thousands)

Salaries	
Geology 10 days @ $95/day	
Geochemistry 20 days @ $75/day	
Geophysics days @ $90/day	2.45
Contract geophysics (Murrex Gravity Surveys) days @ $175/day	
Contract line cutting (Eastern Associates) km @ $375/km	
Geochemical analysis (Bondar Clegg) 590 samples @ $8.90/sample	5.29
Geophysical equipment rental days @ $8.23/month	
Fixed Wing flights to base camp (Alcan) @ $40/claim	5.12
Helicopter support (TNTA) 10 hours @ $500/hr.	5.0
Camp charges 30 days @ $50/day	1.50
Office charges 5 days @ $200/day	1.0
Freight & communication charges @ $10/claim	1.28
Total	21.60

091468

STATEMENT OF EXPENDITURES

CLARE 65B-72B, 73-76CLAIMS

PERIOD July 26 TO OCTOBER 22, 1982



($ thousands)

Salaries Geology 2 days @ $95/day Geochemistry 2 days @ $75/day Geophysics 4 days @ $90/day	0.70
Contract geophysics (Murrex Gravity Surveys) days @ $175/day	
Contract line cutting (Eastern Associates) 5.4 km @ $375/km	2.03
Geochemical analysis (Bondar Clegg) 95 samples @ $4.90/sample	0.47
Geophysical equipment rental 1 days @ $8.23/month	0.27
Fixed Wing flights to base camp (Alcan) @ $40/claim	0.48
Helicopter support (TNTA) 2 hours @ $500/hr.	1.0
Camp charges 14 days @ $50/day	0.70
Office charges 4 days @ $200/day	0.80
Freight & communication charges @ $10/claim	0.12
Total	6.75



STATEMENT OF EXPENDITURES

CLARE 1-42, 49-54, 65, 67-72 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982

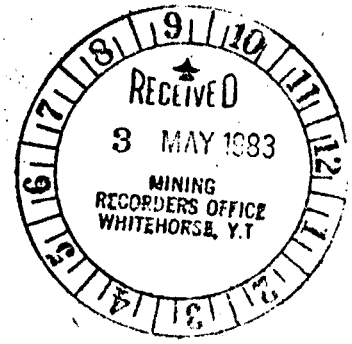
($ thousands)

Salaries	
Geology 10 days @ $95/day	
Geochemistry 2 days @ $75/day	
Geophysics 4 days @ $90/day	1.10
Contract geophysics (Murrex Gravity Surveys) days @ $175/day	
Contract line cutting (Eastern Associates) 3.1 km @ $375/km	1.16
Geochemical analysis (Bondar Clegg) 12 samples @ $4.90/sample	
67 samples @ $7.35/sample	0.55
Geophysical equipment rental days @ $8.23/month	
Fixed Wing flights to base camp (Alcan) @ $40/claim	2.2
Helicopter support (TNTA) 5 hours @ $500/hr.	2.5
Camp charges 15 days @ $50/day	0.75
Office charges 3 days @ $200/day	0.60
Freight & communication charges @ $10/claim	0.55
Total	9.41

STATEMENT OF EXPENDITURES

BUSH 1-48 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982



($ thousands)

Salaries	
Geology 15 days @ $95/day	
Geochemistry 6 days @ $75/day	
Geophysics days @ $90/day	1.88
Contract geophysics (Murrex Gravity Surveys) days @ $175/day	
Contract line cutting (Eastern Associates) km @ $375/km	
Geochemical analysis (Bondar Clegg) 232 samples @ $4.90/sample	1.14
Geophysical equipment rental days @ $8.23/month	
Fixed Wing flights to base camp (Alcan) @ $40/claim	1.92
Helicopter support (TNTA) 5 hours @ $500/hr.	2.5
Camp charges 21 days @ $50/day	1.05
Office charges 5 days @ $200/day	1.0
Freight & communication charges @ $10/claim	0.48
Total	9.97



STATEMENT OF EXPENDITURES

ACE 719B-724B, 725-734, 739-754 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982

	($ thousands)
Salaries Geology 16 days @ $95/day Geochemistry 25 days @ $75/day Geophysics 40 days @ $90/day	7.00
Contract geophysics (Murrex Gravity Surveys) 9 days @ $175/day	1.58
Contract line cutting (Eastern Associates) 198 km @ $375/km	7.43
Geochemical analysis (Bondar Clegg) 650 samples @ $4.90/sample	3.19
Geophysical equipment rental 14 days @ $8,230/month	3.84
Fixed Wing flights to base camp (Alcan) @ $40/claim	1.28
Helicopter support (TNTA) 20 hours @ $500/hr.	10.00
Camp charges 110 days @ $50/day	5.50
Office charges 25 days @ $200/day	5.00
Freight & communication charges @ $10/claim	0.32
Total	45.14



STATEMENT OF EXPENDITURES

ACE 1-724 CLAIMS

PERIOD MAY 19 TO OCTOBER 22, 1982

	($ thousands)
Salaries	
Geology 250 days @ $95/day	
Geochemistry 145 days @ $75/day	
Geophysics 67 days @ $90/day	40.66
Contract geophysics (Murrex Gravity Surveys) 44 days @ $175/day	7.70
Contract line cutting (Eastern Associates) 59.4 km @ $375/km	22.28
Geochemical analysis (Bondar Clegg) 2900 samples @ $4.90/sample	14.20
Geophysical equipment rental 30 days @ $8.23/month	8.23
Fixed Wing flights to base camp (Alcan) @ $40/claim	28.96
Helicopter support (TNTA) 100 hours @ $500/hr.	50.00
Camp charges 570 days @ $50/day	28.50
Office charges 60 days @ $200/day	12.00
Freight & communication charges @ $10/claim	7.24
Total	219.77

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:

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APPENDIX II

DESCRIPTION OF MAP UNITS

SOUTH FORK VOLCANICS

K_{SF}

General

South Fork Volcanics is an informal name for a weakly deformed calc-alkaline suite of intermediate volcanic rocks located northeast of the Tintina Trench in the central Yukon. The suite includes extrusive fragmental volcanics and subvolcanic intrusives . South Fork Volcanics extend across the Sheldon Lake (NTS 105/J) Tay River (NTS 105/K) and Glenlyon (NTS 105/L) map areas for a distance of about 200 km. A potassium-argon age between 94.4±3.3 and 102±4 ma for samples from the Sheldon Lake map area was reported by Wood and Armstrong (1982). Flows and pyroclastics of the South Fork Volcanics in the Sheldon Lake map area are reported to overlie a sandstone-shale unit (Wood and Armstrong, 1982). The South Fork Volcanics may be comagmatic with 120-90 my middle Cretaceous Biotite Quartz Monzonite suite.

In the Glenlyon map area plugs and sills of South Fork Volcanics outcrop along a linear belt, striking 110°, between Dromedary Mountain and Mount Menzie. Intrusive phases are resistant, brown weathering, massive, medium grey to green in color and characteristically porphyritic with medium grained hornblende, plagioclase, biotite or quartz. The matrix is finely granular to aphanitic and siliceous. Prominent columnar jointing is observed in well exposed sections south of Dromedary Creek. Contact metamorphic effects are best recorded by the calcareous facies of the of Kechika Group and the Permo-Triassic clastic sequence. The magnetic signature of the suite is subdued.

Description

Mappable phases include undifferentiated hornblende plagioclase porphyry (SF), quartz biotite porphyry (SFq) and intrusive breccia (SFb). Intrusive breccia contains fragments of plagioclase biotite porphyry in a fine grained, granular matrix of similar modal compositon.

BIOTITE QUARTZ MONZONITE SUITE

Kqm

General

Phases of the 120-90 my Biotite Quartz Monzonite Suite ("S" type granitoids) in the Yukon are characteristic of the western margin of ancient continental North America. Intrusive phases usually contain coarse phenocrysts of K-feldspar but can be equigranular. Exposures in the project area are probably discordant satellite stocks and apophyses related to the McArthur Batholith and Anvil Batholith axis of magmatism and extension. Exposures include those on Kalzas Mountain, Dromedary Mountain, RABBIT claims, Mt. Menzie, and Two Pete Mountain. Annular magnetic patterns are associated with pyrrhotite hornfels in thermal aureoles of stocks. Anomalous concentrations of tin, tungsten and molybdenum in stream silts are locally associated with stocks.

Description

Intrusive phases in the project area are resistant, grey weathering, massive and medium to coarse grained. They tend to be more equigranular and more granodioritic in composition than members of the suite elsewhere. About 5 to 10 percent biotite and minor hornblende are characteristic.

UNNAMED CALCAREOUS SANDSTONE-MICACEOUS SHALE-LIMESTONE UNIT

PR x

General

The Permo-Triassic unit is the youngest clastic sequence recognized in the project area. Exposure is considerable but is generally confined to areas of low relief. Similar rocks lie disconformably across older strata in Mackenzie Platform, Selwyn Basin and Cassiar Platform (Tempelman-Kluit, 1981). They were mapped as Unit 10 in Tay River and Sheldon Lake map areas by Roddick and Green (1961), as Unit 10a in Anvil Range district by Tempelman-Kluit (1972), and as Unit Csl in the Pelly Mountains by Tempelman-Kluit (1977). Campbell (1967) included this unit with older strata of Units 10 and 13. The unit may represent an onlapping fan sequence that progressively backfilled the submarine troughs.

Conodonts collected from Unit 10a (brown sandstone, slate and argillaceous limestone) in the Anvil Range district were tentatively assigned a Middle or Upper Triassic age (Tempelman-Kluit, 1972). Conodonts in sample GCA-82-59C1 from the Crystal Peak panel are Triassic.

Description

The unit is recessive and characterized by platy talus. Strata consist of thin to medium bedded, mainly orange to tan weathering, interbedded thin even parallel to curved non-parallel laminated, grey calcareous sandstone and brown weathering, bioturbated, dark grey to brown,micaceous (white) silty shale with minor plant remains.

Less abundant lithologies include minor beds of tan weathering, medium to dark grey, arenaceous crystalline limestone containing rare

brachiopods and orange weathering, thin discontinuous wavy non-parallel (wispy) laminated, bioturbated, grey green dolomitic and pyritic mudstone.

The proportion of chert in the unit is difficult to estimate due to the tightly folded nature of the middle Mississippian to Triassic section. Consequently mappable chert units were arbitrarily assigned to the Mississippian chert-siltstone unit.

Rhythmic cycles composed of brown weathering fossiliferous silty shale, resistant quartzite, calcareous quartz arenite, carbonate pebble conglomerate and arenaceous limestone north of the RABBIT claims are tentatively included in the Permo-Triassic sequence. A conodont date for sample RDH-82-1 from a unit of ripple cross laminated arenaceous limestone is pending.

UNNAMED CHERT-SILTSTONE UNIT

mMch-sst

General

In the project area, the chert-siltstone unit conformably overlies the Kalzas Formation of Earn Group and is aerially extensive. In the Pelly Mountains similar rocks (unit Mt of Tempelman-Kluit, 1977; Unit 8A of Tempelman-Kluit, 1972) are associated with centres of felsic volcanism and bedded barite. Campbell (1967) included this unit with strata of Units 12 and 13. Variations in color of the unit are similar to that of cherts of the Road River Formation, described by Roddick and Green (1961), in Tay River and Sheldon Lake map areas.

Description

The unit is resistant and characterized by fine blocky talus. Strata are commonly either dark grey or orange weathering, thin to medium bedded and rhythmically bedded, pale green, light grey or black (less commonly turquoise and/or maroon) in color and contain thin dark grey (rarely red brown) silty shale partings. Grey chert beds contain a very thin even parallel to discontinuous wavy parallel lamination and a high density of cross fractures with a dark manganese oxide coating. Turquoise and maroon chert are interbedded with maroon shale and mudstone.

Grey green chert is thinly interbedded with grey to green (rarely dark grey) bioturbated, dolomitic, pyritic, baritic siltstone and lesser mudstone. Lenses of massive barite and horizons with barite nodules are locally observed as a facies of the chert-siltstone unit.

Units of orange weathering grey chert, similar to middle Mississippian chert, occur in the lower part of the Crystal Peak Formation of the Earn Group.

EARN GROUP

DM_E

General

Earn Group was the name formally proposed by Campbell (1967) for a succession of upper paleozoic rocks near Earn Lake in the Glenlyon map area (NTS 105 L). Campbell divided the group into four units and proposed formation names for two of them. Crystal Peak Formation was proposed for a unit consisting of thick bedded chert conglomerate and Kalzas Formation for a lower Mississippian fossiliferous limestone unit overlying the conglomerate. The latter was first described by Bostock (1947). Crystal Peak in the Wilkinson Range is designated the type locality for both the Crystal Peak Formation and Kalzas Formation. Despite this early work coarse clastics of Devono-Mississippian age in the northern Cordillera were often included in the informal "Black Clastic" group. Gordey et al. (1982) subdivided the Earn Group into a lower unit of mainly Devonian age and an upper unit of mainly Mississippian age. Use of the term Earn Group in this report is consistent with formation names of Campbell (1967) and the terminology of Gordey et al. (1982).

lM_K Kalzas Formation

General

The Kalzas Formation is a biosparite marker unit that best records the style of deformation in the project area. The formation is dated as Lower Mississippian on the basis of assemblages of marine intervertebrate fossils (Campbell, 1967). Kalzas Formation outcrops mainly north of the claim holdings but is observed on the BUSH claims and on the Canyon Grid of the ACE claims. The Formation is repeated by

folding and thrusting and is offset by a number of north-south trending normal faults.

Crinoidal and/or arenaceous limestone units similar to Kalzas Formation are observed in association with coarse clastics of Earn Group at a number of localities in the project area. Although units are lithologically similar, they may not be correlatable.

Middle Devonian crinoidal limestones with diagnostic "two-hole" crinoids and dated by conodonts as late Middle Devonian are known in the Anvil Range District (Tempelman-Kluit, 1972).

Description

Kc Limestone

The unit consists of resistant, light grey weathering, thin to thick bedded, medium grey, crystalline fetid limestone (biosparite) with abundant crinoid fragments and well preserved spirifer brachiopods. The unit commonly contains thin beds of black chert and rarely horizons of lenticular biosparite-barite nodules up to 10 cm in diameter. Towards the base, the unit can be impure and thin bedded: either argillaceous or arenaceous. Age of conodonts in sample GC-82-59A1 from the type locality is Osagean.

Ksh Shale

The unit consists of thinly interbedded, resistant, tan weathering, thin even parallel to curved non-parallel laminated fossiliferous sandy limestone and recessive, dark grey weathering, black silty shale. The proportion of shale may be variable. Brachiopods from fossil

occurrence Gl14a in a shale rich section in Crystal Creek are Tournaisian.

Ks Sandstone

The unit consists of resistant, grey to orange weathering, thick bedded, grey, medium grained, crinoidal quartz sandstone. The weathered surface is marked by several percent angular cavities less than 0.5 cm in size. Orange weathering crinoid fragments are visible on a fresh surface.

E_{CP} CRYSTAL PEAK FORMATION

General

The Crystal Peak Formation includes siliceous clastics representing trough facies of submarine fan complexes. The Formation defines several parallel linear belts referred to here (from north to south) as the Earn Mountain, Crystal Peak and Dromedary Mountain belts. Earn Mountain and Dromedary Mountain belts exhibit features compatible with proximal and distal facies end members, respectively. The belts may represent segments of a single tectonically imbricated trough deposit.

The source of chert clasts in the Crystal Peak Formation is varicoloured chert of the Road River Formation east of the project area in northeastern Tay River (105-K) and Sheldon Lake (105-J) map areas.

The lower part of Crystal Peak Formation, below the main lenses of chert pebble conglomerate, is characterized by rhythmic cycles of chert granule grit, chert lithic sandstone and interbedded brown weathering siltstone and shale. Baritic units are locally observed in this part of the section. The Crystal Peak Formation can be thought of as a single coarsening upward cycle.

Description

CPcgl Chert pebble conglomerate

The unit is resistant, generally dark grey wathering (cliff faces can be rusty weathering) and forms coarse blocky talus. Strata include rhythmically layered, light grey to dark grey chert pebble conglomerate and minor chert cobble conglomerate. Clasts consist of black, white and green angular to subrounded chert, dark grey subrounded argillite weathered to white clay, and rare

jasper. Some cobbles of orange weathering mudstone, grey bioclastic limestone and chert pebble conglomerate are observed in the Earn Mountain belt. Conglomerate is clast supported, poorly graded and very weakly horizontally stratified. Lenticular beds of interformational limestone and black chert are observed locally.

CPg Chert granule grit

The unit is resistant, forms blocky talus, is grey to tan weathering, medium to thick planar bedded and light grey to black in color. Strata are pyritic, exhibit graded bedding and are thickly interbedded with chert lithic sandstone and brown weathering black arenaceous shale. Rhythmic cycles are about 10 m thick.

CPq Chert lithic sandstone and Quartz lithic sandstone

The unit is moderately resistant, forms blocky talus, is grey to orange weathering, medium bedded, medium even parallel to curved non-parallel laminated, light grey to black, medium to coarse grained micaceous sandstone. Strata commonly exhibit graded bedding, cross bedding and sole marks. The sediments frequently contain macrofossils or plant remains and can be bioturbated.

CPsst-sh Interbedded siltstone and shale

The unit is recessive, forms platy talus, is brown weathering and consists of thinly interbedded brown weathering black silty shale and orange weathering grey siltstone.

Supplementary notes

Thickly interbedded rusty weathering fossiliferous black silty shale, lesser dark grey impure actinolite marble and minor black chert, observed in the saddle of Dromedary Mountain and on the northwest spur of Dromedary Mountain, may belong to the Earn Group. Dates for conodonts from sample RDH-82-2 are pending.

Recessive, very thickly interbedded rusty weathering fossiliferous dark grey silty shale and lesser dark grey to rusty weathering impure calcareous sandstone on the Cave grid are assigned to the Earn Group and are believed to represent a more distal facies of the Crystal Peak Formation. Shale can be calcareous or graphitic. Shale is locally represented by muscovite-garnet phyllite and sandstone by laminated quartz-muscovite-chlorite-tremolite-garnet-pyrrhotite calc-silicate hornfels.

Silty shales in both of the above units contain similar bryozoa that were found not to be diagnostic but that may be Silurian to Permian in age.

ROAD RIVER GROUP

O_{RR}

General

Siliceous graptolitic shales of the Road River Group are observed on the BUM claims, on the KAL claims, in the vicinity of "Black Bart" on Dromedary Mounrtain and in a subsidiary drainage of the Tay River southeast of the Lady Di claims of Welcome North.

Age of graptolites suggest strata are lower Middle Ordovician to Upper Ordovician in age. Preserved strata is less than 30 m thick. Although the base of Earn Group may be diachronous, a major unconformity of upper Ordovician to Devonian age is suggested. Graptolitic shales of the project area are correlatable to the lower division of the Road River Formation as defined by Abbott (1982).

Description

RRsh Graptolitic shale

The unit is typically recessive, black weathering and strongly deformed. Talus is platy. Strata consist of thinly bedded, graptolitic, graphitic, siliceous black shale. Cleavage surfaces are characterized by a dull earthy lustre. Scandent Diplograptus of Upper Ordovician age and Reclined Dicellograptus of early Middle Ordovician age, were tentatively identified.

KECHIKA GROUP

$\mathcal{O}_K$

General

The Kechika Group consists of lower phyllite, basic alkaline volcanic and upper carbonate facies. Basic volcanic and carbonate facies are probably time equivalents (Gordey, 1982). The carbonate unit, informally referred to as the "wavy banded limestone" is correlatable to the Rabbit Kettle Formation in the Nahanni (NTS 105 I) map area (Gordey, 1980). Although the upper part of the phyllite unit contains minor intercalated basic volcanics, a major episode of basic volcanism, culminating in early Ordovician time, locally marks the boundary between the Kechika Group and Road River Group in the Anvil Range (Gordey, 1982). Mafic volcanics on the northeast side of the Anvil Range were originally included in the Anvil Range Group and assigned a Cambro-Ordovician age by Campbell (1967) and subsequently a Permian age by Tempelman-Kluit (1972).

Carbonate facies and minor phyllite facies of Kechika are observed in the Dromedary Mountain thrust panel extending from Lone Mountain to Earn Lake. The phyllite facies is more prominent in the MacMillan River thrust panel on the KAL and BUM claims and in the Horsfall Creek panel southeast of Earn Lake. The basic volcanic facies is observed in the Horsfalls Creek and other panels south of the ACE claims. In the Menzie Creek area basic volcanics overlie phyllite. Laminated quartz rich calc-silicate rocks are associated with the carbonate facies on Dromedary Mountain.

Description

Kp Phyllite facies

The unit is recessive, forms platy talus and consists of orange to silver grey weathering, lustrous, calcareous muscovite phyllite with a prominent crenulation cleavage. Strata are intercalated with minor resistant, brown weathering, dark green chlorite-epidote schist derived from subaqueous fragmental volcanic rocks of basic composition (Kv).

Kc Carbonate facies (wavy banded limestone)

The unit is generally recessive, buff to grey weathering and consists of thinly interbedded light grey silty limestone and lesser dark grey to brown weathering, dark grey silty shale. Wavy, thinly ribbed and pebble sized elliptical pock-marked weathering patterns are diagnostic. The unit locally contains thick interbeds of grey weathering, silver grey muscovite phyllite with cleavage surfaces of moderate lustre. Strata are commonly represented by resistant, light grey weathering, fine grained, banded brown biotite hornfels and/or green and maroon biotite-diopside calc-silicate hornfels (Kcs).

Klcs Laminated calc-silicate hornfels

The unit is highly resistant, forms blocky talus and consists of light grey weathering, distinctively wavy parallel laminated, granular, quartz-tremolite-diopside calc-silicate hornfels. Strata appear to be derived from thinly interbedded calcareous and siliceous clastics and lesser shale. Locally the unit is transitional to recrystallized relatively pure quartz sandstone.

Ksk Skarn

The unit consists of resistant, rusty weathering lens-like or pod-like masses of medium grained skarn containing quartz and one or more of tremolite/ actinolate, chlorite, magnetite, calcite, garnet and sulfides. Skarn bodies range in size to one metre in thickness and several tens of metres in strike length. Skarn is commonly oriented parallel to cleavage but locally may be crosscutting. Sulfides include mainly pyrrhotite, lesser pyrite, sphalerite and galena, and minor chalcopyrite.

"GRIT UNIT"

$Pl\mathcal{E}_G$

General

The Grit Unit is an informal name commonly used to refer to a sequence of deformed coarse grained to gritty quartzites and distinctive green, maroon and lesser dark grey slate. The strata are correlated with the Windermere Supergroup or Ekwi Supergroup. In the Glenlyon map area (NTS 105 L) the unit is observed in the northeast corner of the map sheet and in the core of an antiform in the Kalzas Range. In the former area, the grit unit is either in fault contact with or unconformably overlain by the Earn Group.

Description

Gq Quartzite

The unit is resistant, forms coarse blocky talus, and is comprised of grey weathering, thickly bedded, light grey, coarse grained quartzite and quartz granule grit.

Gc Interbedded sandstone and limestone

The unit is recessive and comprised of thinly interbedded light grey weathering, dark grey actinolite marble and maroon to brown weathering sandstone.

APPENDIX III

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 1= -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
HNO3	B	Colorimetry	2
HNO3-HC104	D	Fluorimetry	3
Multi acid	C	Carbon Rod AA	4
Iodide Fusion	I	X-Ray Flourescence	6
Evaporation Preconc.		Specific Ion	5
+ HNO3	G		
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 fiel 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 HNO_3 digestion with colorimetric analysis; Emission Spec, X-Ray, and Neutron Activation will have a "blank" as digestion code, unless they are performed ona portion of the sample that differs from "as received".

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
17000	18.	12.	55.	.2
17001	16.	8.	35.	.2
17002	20.	10.	55.	.4
17003	12.	6.	10.	.4
17004	12.	6.	35.	.4
17005	8.	4.	25.	.3
17006	14.	8.	20.	.3
17007	14.	6.	35.	.2
17008	24.	10.	55.	.4
17009	14.	8.	25.	.4
17010	26.	12.	60.	.5
17011	16.	6.	10.	.4
17012	18.	10.	40.	.3
17013	8.	8.	25.	.5
17014	10.	8.	25.	.2
17015	10.	12.	30.	.3
17016	10.	12.	30.	.3
17017	10.	10.	25.	.3
17018	8.	8.	20.	.3
17019	14.	12.	45.	.2
17020	10.	8.	30.	.3
17021	12.	10.	30.	.4
17022	10.	4.	20.	.4
17023	6.	6.	15.	.3
17024	16.	8.	40.	.3
17025	16.	10.	40.	.3
17026	12.	8.	35.	.4
17027	12.	20.	30.	.3
17028	6.	10.	30.	.4
17029	8.	10.	30.	.3
17030	4.	10.	30.	.5
17031	8.	8.	35.	.2
17032	8.	8.	35.	.3
17033	8.	6.	30.	.3
17034	8.	10.	35.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
17035	12.	8.	40.	.4
17036	6.	4.	30.	.4
17037	4.	6.	30.	.2
17038	16.	10.	40.	.2
17039	8.	6.	25.	.3
17040	10.	8.	15.	.3
17041	20.	12.	15.	.3
17042	4.	10.	20.	.4
17043	12.	8.	40.	.2
17044	12.	10.	35.	.3
17045	6.	8.	25.	.2
17046	8.	12.	35.	.3
17047	6.	10.	35.	.2
17048	8.	8.	20.	.5
17049	6.	8.	25.	.2
17050	6.	8.	20.	.3
17051	16.	10.	40.	.2
17052	6.	4.	20.	.3
17053	8.	6.	30.	.3
17054	12.	6.	40.	.4
17055	12.	4.	20.	.5
17056	10.	6.	30.	.3
17057	12.	8.	40.	.3
17058	6.	4.	25.	.2
17059	20.	10.	60.	.4
17060	18.	6.	25.	.3
17061	6.	4.	10.	.5
17062	8.	4.	10.	.3
17063	16.	6.	35.	.4
17064	32.	10.	20.	.5
17065	12.	6.	10.	.3
17066	10.	8.	30.	.5
17067	12.	8.	15.	.4
17068	16.	10.	50.	.4
17069	8.	4.	10.	.6

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
17070	12.	8.	30.	.3
17071	8.	8.	30.	.4
17072	10.	8.	30.	.6
17073	10.	6.	35.	.4
17074	6.	8.	20.	.4
17075	12.	10.	40.	.5
17076	14.	10.	40.	.3
17077	8.	4.	5.	.2
17078	18.	6.	20.	.4
17079	14.	6.	35.	.5
17080	12.	8.	40.	.3
17081	10.	10.	40.	.3
17082	8.	6.	30.	.3
17083	6.	6.	35.	.5
17084	12.	6.	35.	.4
17085	14.	10.	35.	.3
17086	12.	8.	50.	.4
17087	6.	6.	35.	.3
17088	12.	10.	45.	.2
17089	12.	8.	35.	.3
17090	10.	4.	20.	.4
17091	8.	4.	10.	.4
17092	8.	4.	20.	.3
17093	8.	4.	5.	.4
17094	2.	2.	2.	.6
17095	4.	4.	2.	.3
17096	2.	4.	1.	.6
17097	16.	8.	30.	.5
17098	12.	8.	40.	.3
17099	12.	8.	35.	.4
17100	4.	8.	30.	.5
17101	12.	10.	25.	.2
17102	14.	10.	30.	.6
17103	8.	4.	2.	.3
17104	2.	4.	2.	.3

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18225	18.	12.	80.	.5
18226	14.	8.	80.	.5
18227	14.	8.	85.	.3
18228	28.	12.	100.	1.1
18229	2.	4.	2.	.3
18230	92.	20.	155.	4.0
18231	98.	22.	315.	2.8
18232	76.	14.	150.	6.0
18233	86.	12.	140.	2.7
18234	38.	12.	75.	.8
18235	16.	6.	95.	1.1
18236	20.	12.	70.	.8
18237	4.	4.	30.	.5
18238	2.	8.	5.	.3
18239	2.	8.	15.	.5
18240	1.	2.	5.	.2
18241	32.	4.	560.	.5
18242	20.	10.	110.	.3
18243	2.	4.	20.	.4
18244	12.	6.	90.	.4
18245	30.	4.	90.	1.5
18246	12.	10.	65.	.2
18247	8.	8.	55.	.2
18248	8.	8.	60.	.5
18249	16.	10.	160.	.5
18250	8.	6.	15.	.3
18251	38.	16.	420.	1.7
18252	14.	4.	140.	.8
18253	28.	8.	280.	.7
18254	32.	6.	415.	1.2
18255	18.	10.	65.	.3
18256	20.	8.	140.	.5
18257	62.	14.	115.	.4
18258	60.	2.	80.	.4
18259	36.	10.	260.	1.0

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18260	14.	4.	65.	.2
18261	26.	12.	185.	1.1
18262	2.	2.	40.	.1
18263	14.	2.	100.	.3
18264	30.	8.	550.	.7
18265	2.	1.	5.	.1
18266	24.	6.	90.	.2
18267	10.	4.	65.	.3
18268	6.	4.	30.	.3
18269	2.	2.	5.	.3
18270	4.	4.	5.	.3
18271	12.	4.	60.	.2
18272	50.	10.	70.	1.0
18273	12.	4.	55.	.6
18274	28.	4.	90.	.6
18275	12.	2.	150.	.8
18276	26.	22.	170.	1.6
18277	18.	4.	105.	.6
18278	32.	6.	90.	1.0
18279	32.	8.	145.	.4
18280	38.	6.	85.	.4
18281	24.	2.	50.	.6
18282	12.	8.	130.	.8
18283	10.	2.	50.	.5
18284	26.	8.	115.	.6
20000	12.	8.	70.	.6
20001	34.	12.	85.	.1
20002	42.	12.	95.	.6
20003	34.	12.	115.	.5
20004	46.	12.	75.	.5
20005	68.	22.	80.	1.1
20006	50.	14.	40.	.5
20007	26.	16.	150.	.4
20008	1.	10.	2.	.2
20009	18.	12.	70.	.1

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20010	8.	6.	2.	.1
20011	24.	12.	100.	.4
20012	10.	8.	20.	.1
20013	12.	10.	20.	.2
20014	2.	8.	2.	.2
20015	8.	4.	35.	.3
20016	38.	8.	45.	.2
20017	16.	10.	35.	.2
20018	34.	6.	40.	.3
20019	24.	20.	150.	.1
20020	56.	12.	85.	.2
20021	52.	16.	380.	.3
20022	32.	18.	120.	.2
20023	42.	16.	180.	.4
20024	1.	6.	2.	.3
20025	8.	12.	30.	.1
20026	60.	20.	165.	.7
20027	4.	4.	5.	.3
20028	44.	20.	225.	.5
20029	32.	32.	155.	.2
20030	22.	10.	95.	.3
20031	12.	8.	60.	.2
20032	6.	8.	35.	.2
20033	8.	6.	30.	.2
20034	18.	12.	70.	.1
20035	1.	6.	5.	.2
20036	6.	6.	5.	.3
20037	8.	8.	65.	.2
20038	40.	16.	170.	.8
20039	34.	8.	295.	.4
20040	28.	8.	140.	.2
20041	16.	12.	80.	.2
20042	10.	4.	40.	.5
20043	32.	4.	115.	.1
20044	30.	16.	170.	.4

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20045	26.	24.	165.	.5
20046	28.	16.	160.	.5
20047	52.	24.	190.	.6
20048	20.	16.	30.	.2
20049	14.	8.	20.	.1
21032	17.	12.	134.	.3
21035	11.	4.	59.	.2
21039	48.	20.	193.	.9
21040	48.	16.	198.	.8
21043	26.	16.	200.	.6
21045	37.	18.	191.	.5
21046	23.	4.	37.	.3
21048	13.	8.	130.	.2
21049	8.	6.	59.	.1
21050	7.	8.	84.	.3
21051	10.	8.	90.	.3
21052	11.	4.	12.	.1
21054	43.	16.	174.	.6
21055	38.	16.	185.	.4
21056	44.	14.	367.	.3
21057	36.	16.	189.	.5
21058	31.	20.	319.	.5
21059	34.	16.	213.	.4
21060	25.	16.	211.	.7
21061	25.	14.	162.	.4
21062	35.	14.	180.	.5
21063	28.	12.	178.	.6
21064	28.	16.	179.	.3
21065	42.	24.	302.	.9
21067	57.	12.	110.	1.0
21076	9.	4.	32.	.2
21078	49.	10.	412.	.8
21079	57.	12.	606.	1.2
21080	42.	8.	378.	.6
21081	55.	10.	496.	.5

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21082	45.	6.	260.	.3
21130	32.	10.	95.	.4
21132	10.	4.	64.	.2
21134	25.	8.	148.	.4
21136	23.	10.	120.	.4
21139	77.	18.	232.	1.3
21140	44.	20.	240.	.5
21141	40.	20.	209.	.6
21142	37.	14.	167.	.4
21143	46.	24.	220.	.4
21144	33.	16.	235.	.3
21145	52.	24.	279.	.4
21146	51.	16.	415.	.6
21147	25.	12.	138.	.4
21148	32.	14.	187.	.5
21149	49.	18.	287.	.7
21150	47.	16.	280.	.6
21151	36.	14.	213.	.6
21152	46.	16.	236.	.6
21153	31.	12.	188.	.7
21154	34.	14.	170.	.6
21155	37.	16.	202.	.8
21158	22.	12.	142.	.5
21159	15.	10.	138.	.4
21160	28.	14.	203.	.7
21161	25.	12.	152.	.6
21162	31.	16.	164.	.8
21163	39.	14.	186.	1.0
21175	18.	4.	75.	.3
21176	12.	4.	105.	.4
21177	6.	2.	40.	.2
21178	10.	6.	40.	.3
21179	8.	4.	20.	.3
21180	60.	10.	575.	.4
21181	24.	8.	125.	.5

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21182	30.	4.	140.	.1
21183	10.	2.	40.	.3
21184	8.	2.	20.	.3
21185	4.	4.	25.	.2
21186	12.	4.	180.	.4
21187	16.	4.	50.	.4
21188	18.	6.	100.	.7
21189	28.	4.	40.	.3
21190	128.	20.	145.	1.6
21191	16.	4.	110.	.5
21192	38.	12.	110.	1.2
21193	28.	2.	5.	.6
21194	10.	4.	115.	.4
21195	6.	2.	25.	.1
21196	26.	6.	130.	2.0
21197	30.	10.	170.	1.4
21198	8.	2.	40.	.8
21199	26.	8.	60.	1.3
21200	8.	6.	30.	.4
21201	10.	6.	65.	.9
21202	26.	8.	75.	1.1
21203	24.	8.	180.	.9
21204	24.	12.	160.	1.2
21205	24.	4.	65.	.1
21206	16.	6.	60.	.2
21207	32.	36.	200.	.3
21208	34.	14.	165.	.9
21209	30.	12.	165.	1.2
21210	40.	16.	205.	.6
21211	14.	4.	40.	.2
21212	20.	12.	115.	1.1
21213	14.	8.	50.	.5
21214	16.	6.	70.	.2
21215	6.	2.	70.	.2
21216	4.	4.	10.	.5

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21217	20.	6.	170.	.8
21218	20.	8.	185.	.6
21219	18.	8.	200.	.7
21220	16.	8.	170.	.9
21221	10.	4.	30.	.2
21222	40.	12.	115.	.6
21223	1.	2.	2.	.2
21224	28.	14.	230.	1.0
21225	38.	14.	255.	.9
21226	58.	10.	330.	1.0
21227	10.	4.	165.	.5
21228	22.	10.	255.	1.0
21229	48.	20.	320.	1.3
21230	34.	12.	225.	1.2
21231	28.	10.	230.	1.3
21232	2.	4.	25.	.3
21233	2.	10.	70.	.3
21234	22.	4.	100.	.3
21235	2.	2.	25.	.3
21236	2.	6.	40.	.3
21237	10.	6.	65.	.3
21238	6.	4.	55.	.3
21239	4.	6.	65.	.2
21240	16.	10.	55.	.2
21241	14.	6.	90.	.1
21242	58.	12.	435.	.4
21243	38.	10.	250.	.6
21275	6.	4.	30.	.2
21276	22.	2.	120.	.4
21277	24.	4.	130.	.4
21278	36.	16.	155.	.4
21279	6.	4.	25.	.4
21280	28.	14.	215.	.6
21281	32.	12.	220.	.6
21282	32.	8.	155.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21283	34.	8.	125.	.4
21284	30.	12.	90.	.2
21285	12.	8.	75.	.2
21286	16.	6.	70.	.2
21287	34.	10.	115.	.4
21288	8.	4.	60.	.4
21289	10.	4.	195.	.3
21290	30.	8.	90.	.3
21291	26.	10.	75.	.5
21292	20.	4.	80.	.3
21293	18.	6.	15.	.2
21294	4.	2.	5.	.2
21295	1.	2.	1.	.3
21296	16.	4.	25.	.3
21297	16.	2.	20.	.1
21298	4.	2.	5.	.2
21299	12.	4.	50.	.1
21300	12.	4.	50.	.1
21301	18.	6.	60.	.1
21302	6.	2.	40.	.2
21303	2.	4.	15.	.2
21304	6.	4.	30.	.1
21305	4.	2.	30.	.2
21306	4.	2.	35.	.2
21307	4.	4.	40.	.3
21308	2.	4.	20.	.1
21309	12.	2.	45.	.4
21310	2.	2.	15.	.1
21311	4.	4.	10.	.1
21312	4.	10.	65.	.2
21313	4.	6.	20.	.2
21314	4.	2.	30.	.3
21315	6.	4.	45.	.4
21340	12.	6.	15.	.2
21341	1.	4.	1.	.3

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21342	4.	6.	20.	.1
21343	2.	8.	15.	.3
21344	14.	10.	65.	.1
21345	4.	4.	10.	.3
21346	2.	4.	5.	.2
21347	2.	2.	2.	.2
21348	4.	4.	2.	.2
21349	4.	6.	10.	.4
21350	8.	10.	30.	.3
21351	4.	8.	125.	.2
21352	8.	6.	30.	.1
21353	8.	6.	20.	.1
21354	8.	10.	35.	.1
21355	4.	4.	5.	.2
21356	12.	12.	35.	.1
21357	12.	6.	40.	.2
21358	8.	6.	30.	.1
21359	10.	8.	30.	.4
21360	4.	8.	20.	.4
21361	10.	12.	40.	.3
21362	2.	4.	15.	.3
21363	6.	10.	30.	.2
21364	1.	4.	2.	.3
21365	8.	4.	20.	.4
21366	14.	6.	45.	.2
21367	2.	6.	10.	.3
21368	12.	6.	45.	.2
21369	8.	12.	55.	.2
21370	8.	4.	20.	.2
21371	4.	6.	30.	.2
21372	4.	2.	15.	.5
21373	4.	1.	5.	.2
21374	2.	6.	30.	.2
21375	4.	6.	10.	.2
21376	2.	8.	15.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21377	1.	8.	10.	.2
21378	4.	6.	20.	.3
21379	10.	8.	45.	.2
21380	12.	4.	35.	.4
21381	6.	2.	5.	.1
21382	8.	10.	60.	.2
21383	4.	2.	5.	.3
21384	16.	8.	70.	.2
21385	8.	8.	30.	.3
21386	4.	6.	3.	.3
21387	4.	4.	2.	.1
21388	4.	2.	30.	.1
21389	8.	8.	10.	.2
21390	2.	6.	2.	.1
21391	1.	4.	2.	.1
21392	2.	4.	5.	.1
21393	4.	4.	20.	.1
21394	1.	2.	1.	.1
21395	2.	1.	2.	.1
21396	2.	2.	1.	.2
21397	2.	2.	2.	.1
21398	4.	4.	40.	.3
21399	12.	4.	25.	.2
21400	8.	6.	30.	.2
21401	12.	4.	30.	.3
21402	26.	12.	90.	.5
21403	8.	2.	10.	.2
21404	8.	4.	10.	.2
21405	22.	10.	85.	.4
21406	24.	12.	80.	.2
21407	24.	10.	85.	.1
21408	6.	4.	20.	.4
21409	30.	14.	110.	.1
21410	40.	16.	160.	.5
21411	48.	16.	190.	.3

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21412	28.	16.	130.	.3
21413	8.	6.	35.	.3
21414	6.	10.	35.	.3
21415	4.	4.	10.	.2
21416	6.	10.	35.	.1
21417	8.	8.	50.	.2
21418	8.	8.	40.	.2
21419	8.	8.	55.	.3
21420	20.	10.	55.	.3
21421	44.	10.	70.	.7
21425	8.	2.	45.	.1
21426	14.	4.	60.	.3
21427	4.	6.	20.	.2
21428	2.	2.	20.	.2
21429	2.	4.	25.	.2
21430	2.	4.	55.	.1
21431	4.	4.	30.	.1
21432	6.	6.	30.	.2
21433	4.	4.	25.	.1
21434	2.	4.	30.	.2
21435	4.	2.	30.	.4
21436	8.	4.	40.	.4
21437	4.	4.	50.	.2
21438	2.	2.	15.	.3
21439	8.	4.	55.	.2
21440	8.	4.	40.	.3
21441	12.	6.	40.	.2
21442	4.	4.	30.	.2
21443	2.	2.	2.	.1
21444	16.	6.	60.	.3
21445	16.	6.	80.	.2
21446	4.	2.	25.	.3
21447	2.	4.	40.	.2
21448	4.	2.	30.	.1
21449	4.	4.	20.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21450	1.	2.	5.	.2
21451	2.	6.	5.	.3
21452	6.	16.	35.	.4
21453	6.	6.	60.	.2
21454	4.	8.	70.	.4
21455	4.	4.	40.	.4
21456	4.	2.	40.	.3
21457	6.	8.	70.	.4
21458	4.	4.	25.	.1
21459	4.	4.	30.	.2
21460	4.	6.	20.	.3
21461	4.	8.	25.	.2
21462	10.	6.	85.	.2
21463	8.	4.	80.	.1
21464	8.	2.	30.	.4
21465	12.	6.	50.	.3
21466	10.	8.	50.	.2
21467	4.	4.	45.	.3
21468	10.	6.	50.	.2
21469	10.	6.	50.	.2
21470	12.	6.	50.	.3
21471	10.	8.	50.	.2
21472	6.	10.	45.	.3
21473	6.	6.	30.	.1
21474	14.	8.	50.	.3
21475	18.	6.	95.	.6
21476	10.	8.	70.	.4
21477	4.	6.	15.	.2
21478	14.	10.	90.	.6
21479	12.	8.	90.	.2
21480	16.	10.	100.	.5
21481	12.	8.	80.	.2
21482	30.	8.	120.	.6
21483	8.	8.	80.	.1
21484	14.	4.	35.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21485	4.	6.	50.	.1
21486	12.	4.	30.	.1
21487	12.	8.	30.	.1
21488	8.	8.	40.	.4
21489	10.	8.	55.	.2
21490	1.	4.	2.	.3
21491	1.	4.	2.	.2
21492	4.	6.	10.	.2
21493	4.	6.	15.	.3
21494	4.	4.	20.	.2
21495	22.	12.	75.	.2
21496	8.	8.	30.	.2
21497	2.	8.	35.	.2
21498	4.	8.	50.	.3
21499	16.	8.	60.	.4
21500	2.	2.	2.	.2
21501	4.	6.	60.	.2
21502	2.	8.	30.	.3
21503	2.	8.	30.	.2
21504	6.	8.	45.	.3
21505	4.	8.	25.	.6
21506	8.	10.	50.	.2
21507	4.	8.	40.	.2
21508	28.	8.	105.	.5
21509	4.	6.	30.	.2
21510	4.	8.	35.	.1
21511	2.	6.	20.	.2
21512	24.	12.	75.	.1
21513	8.	20.	45.	.4
21514	8.	6.	55.	.2
21515	10.	8.	50.	.3
21516	8.	8.	40.	.2
21517	8.	8.	40.	.1
21518	4.	8.	25.	.2
21519	4.	8.	50.	.1

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21520	6.	10.	70.	.3
21521	12.	6.	60.	.2
21522	10.	8.	60.	.2
21523	16.	6.	60.	.3
21524	8.	8.	55.	.3
21525	8.	8.	50.	.4
21526	12.	6.	35.	.4
21527	6.	6.	30.	.2
21528	2.	6.	20.	.2
21529	14.	10.	50.	.2
21530	4.	4.	10.	.2
21531	2.	4.	2.	.3
21532	1.	4.	2.	.3
21533	4.	4.	15.	.4
21550	14.	6.	40.	.3
21551	9.	12.	100.	.4
21552	3.	6.	8.	.2
21553	11.	9.	34.	.4
21554	9.	8.	34.	.5
21555	8.	9.	35.	.3
21556	7.	5.	26.	.2
21557	10.	3.	5.	.4
21558	12.	6.	31.	.3
21559	6.	9.	28.	.1
21560	8.	6.	22.	.2
21561	6.	6.	32.	.1
21562	9.	10.	30.	.3
21563	10.	11.	43.	.8
21564	3.	5.	19.	.5
21565	5.	6.	20.	.3
21566	8.	6.	39.	.4
21567	5.	7.	35.	.3
21568	6.	6.	30.	.2
21569	7.	11.	25.	.2
21570	5.	5.	15.	.3

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21571	11.	10.	37.	.3
21572	5.	6.	34.	.1
21573	10.	9.	40.	.2
21574	5.	7.	26.	.3
21575	8.	3.	10.	.3
21576	4.	5.	11.	.3
21577	7.	6.	19.	.4
21578	6.	4.	21.	.2
21579	8.	8.	28.	.5
21580	6.	5.	22.	.1
21581	11.	5.	40.	.4
21582	18.	6.	37.	.2
21583	20.	5.	35.	.3
21584	9.	4.	60.	.3
21585	12.	5.	39.	.3
21586	9.	8.	6.	.2
21587	1.	2.	1.	.3
21588	4.	4.	3.	.3
21589	10.	5.	10.	.4
21590	24.	11.	42.	.2
21591	9.	12.	40.	.1
21592	6.	7.	31.	.1
21593	6.	8.	40.	.2
21594	7.	6.	31.	.2
21595	4.	6.	15.	.3
21596	10.	9.	32.	.5
21597	5.	6.	16.	.1
21598	4.	2.	13.	.4
21599	8.	8.	23.	.2
21600	4.	10.	25.	.3
21601	7.	6.	30.	.6
21602	5.	3.	21.	.2
21603	16.	4.	30.	.2
21604	8.	4.	18.	.3
21605	7.	2.	10.	.1

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21606	8.	5.	20.	.2
21607	6.	4.	4.	.1
21608	11.	8.	30.	.1
21609	6.	3.	2.	.1
21610	16.	6.	25.	.2
21611	10.	4.	7.	.1
21612	5.	6.	4.	.8
21613	13.	11.	43.	.4
21614	14.	12.	5.	.5
21615	5.	9.	30.	.2
21616	7.	9.	30.	.3
21617	6.	10.	32.	.3
21618	4.	6.	25.	.2
21619	3.	7.	10.	.1
21620	11.	11.	38.	.2
21621	6.	8.	20.	.1
21622	3.	10.	6.	.3
21623	8.	6.	26.	.2
21624	11.	7.	45.	.4
21625	4.	6.	15.	.7
21626	13.	8.	50.	.6
21627	19.	12.	90.	.2
21628	30.	8.	23.	.3
21629	13.	12.	58.	.2
21630	17.	9.	67.	.1
21631	18.	11.	72.	.1
21632	14.	9.	42.	.4
21633	13.	8.	21.	.3
21634	6.	6.	23.	.3
21635	5.	6.	11.	.2
21636	6.	5.	23.	.3
21637	7.	6.	18.	.1
21638	13.	4.	4.	.2
21639	10.	4.	7.	.3
21640	3.	6.	8.	.1

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21641	1.	3.	5.	.2
21642	7.	5.	14.	.4
21643	15.	10.	33.	.3
21644	13.	7.	47.	.2
21645	8.	9.	38.	.1
21646	6.	5.	28.	.1
21647	7.	6.	30.	.4
21648	5.	7.	32.	.5
21649	5.	6.	21.	.5
21650	7.	9.	37.	.3
21651	6.	8.	32.	.3
21652	14.	6.	22.	.5
21653	5.	5.	17.	.4
21654	8.	6.	28.	.6
21655	3.	3.	15.	.5
21656	8.	8.	44.	.3
21657	8.	7.	25.	.3
21658	6.	5.	4.	.3
21659	2.	3.	6.	.3
21660	24.	12.	90.	.1
21661	64.	26.	330.	.7
21662	40.	22.	260.	.4
21663	36.	16.	210.	.4
21664	50.	10.	150.	.2
21665	110.	10.	215.	.2
21666	18.	8.	110.	.4
21667	28.	16.	130.	.2
21668	20.	14.	130.	.3
21669	24.	10.	105.	.4
21670	40.	18.	150.	.3
21671	28.	10.	115.	.3
21672	32.	12.	130.	.2
21673	28.	14.	165.	.4
21674	32.	20.	125.	.6
21675	8.	8.	20.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21676	4.	10.	5.	.1
21677	16.	8.	80.	.3
21678	4.	10.	10.	.1
21679	8.	10.	5.	.1
21680	4.	10.	2.	.1
21681	2.	8.	1.	.2
21682	2.	4.	1.	.1
21683	16.	6.	10.	.3
21684	48.	14.	100.	.1
21685	38.	16.	160.	.2
21686	68.	6.	85.	.2
21687	125.	22.	190.	1.2
21688	50.	6.	75.	.3
21689	8.	8.	50.	.4
21690	28.	20.	175.	.7
21691	20.	6.	20.	.3
21692	52.	24.	240.	.7
21693	26.	20.	110.	.7
21694	96.	14.	95.	1.1
21695	205.	10.	60.	.2
21696	38.	8.	40.	.1
21697	16.	10.	60.	.3
21698	44.	16.	80.	.9
21699	8.	8.	20.	.1
21700	56.	6.	65.	.4
21701	38.	20.	105.	.4
21702	30.	18.	95.	.2
21703	28.	10.	75.	.3
21704	10.	10.	50.	.2
21705	36.	12.	190.	.4
21706	28.	12.	510.	.4
21707	24.	12.	110.	.3
21708	16.	10.	405.	.3
21709	12.	6.	30.	.1
21710	2.	6.	5.	.1

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21711	16.	12.	80.	.3
21712	24.	6.	735.	.1
21713	14.	6.	75.	.5
21714	40.	10.	260.	.4
21715	2.	4.	10.	1.0
21716	20.	10.	80.	.1
21717	12.	12.	55.	.2
21718	8.	10.	55.	.2
21719	12.	8.	45.	.2
21720	4.	2.	10.	.2
21721	8.	10.	40.	.2
21722	8.	6.	50.	.3
21723	2.	8.	25.	.2
21724	8.	8.	55.	.3
21725	16.	6.	75.	.1
21726	8.	6.	45.	.4
21727	8.	4.	35.	.3
21728	6.	6.	40.	.3
21729	4.	4.	20.	.5
21730	6.	6.	35.	.2
21731	10.	6.	45.	.2
21732	12.	10.	50.	.1
21733	6.	2.	20.	.3
21734	4.	4.	15.	.4
21735	10.	10.	45.	.1
21736	8.	4.	10.	.4
21737	16.	8.	35.	.2
21738	12.	14.	35.	.9
21739	10.	12.	40.	.4
21740	4.	4.	5.	.2
21741	8.	12.	50.	.3
21742	12.	8.	45.	.1
21743	2.	4.	5.	.2
21744	8.	8.	45.	.2
21745	4.	6.	30.	.3

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21746	4.	4.	30.	.2
21747	12.	10.	55.	.2
21748	24.	12.	80.	.3
21749	10.	8.	50.	.3
21750	6.	14.	60.	.3
21751	8.	10.	70.	.2
21752	10.	12.	55.	.2
21753	6.	10.	10.	.3
21754	6.	6.	10.	.2
21755	16.	4.	55.	.4
21756	4.	4.	30.	.2
21757	14.	6.	70.	.3
21758	4.	4.	5.	.3
21759	16.	8.	10.	.2
21760	6.	10.	30.	.2
21761	4.	8.	40.	.3
21762	6.	8.	25.	.2
21763	12.	10.	50.	.2
21764	10.	10.	50.	.2
21765	10.	6.	45.	.2
21766	2.	6.	5.	.1
21767	1.	4.	5.	.2
21768	4.	4.	35.	.3
21769	10.	6.	5.	.3
21770	38.	8.	105.	.4
21771	20.	6.	60.	.3
21772	18.	10.	60.	.3
21773	14.	8.	20.	.3
21774	12.	10.	40.	.5
21775	16.	18.	70.	.4
21776	4.	6.	10.	.3
21777	14.	14.	70.	.3
21778	20.	16.	115.	.6
21779	44.	56.	440.	1.3
21780	2.	8.	30.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21781	14.	10.	70.	.2
21782	32.	14.	125.	.4
21783	8.	10.	80.	.5
21784	6.	10.	20.	.5
21785	4.	8.	25.	.4
21786	6.	14.	50.	.2
21787	24.	14.	75.	.2
21788	14.	12.	45.	.5
21789	8.	18.	45.	.2
21790	12.	14.	50.	.1
21791	22.	12.	80.	.4
21792	20.	12.	50.	.6
23202	6.	6.	107.	.2
23203	39.	16.	149.	.6
23205	11.	10.	61.	.5
23207	36.	8.	55.	.4
23208	19.	8.	62.	.3
23209	22.	8.	78.	.4
23210	11.	4.	30.	.2
23211	15.	2.	31.	.4
23212	10.	6.	67.	.2
23213	17.	6.	60.	.1
23214	14.	8.	41.	.2
23215	20.	8.	50.	.3
23216	18.	6.	70.	.2
23217	8.	2.	10.	.3
23218	20.	10.	100.	.4
23219	7.	4.	7.	.2
23220	26.	8.	66.	.2
23221	20.	8.	62.	.2
23222	11.	8.	55.	.4
23223	6.	4.	17.	.2
23224	10.	6.	22.	.2
23225	5.	4.	34.	.4
23226	4.	6.	30.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23227	10.	8.	62.	.2
23228	4.	2.	22.	.4
23229	4.	2.	17.	.4
23250	18.	8.	50.	.3
23251	4.	4.	15.	.4
23252	6.	8.	55.	.2
23253	14.	8.	65.	.2
23254	4.	6.	25.	.2
23255	6.	4.	25.	.3
23256	8.	8.	30.	.3
23257	8.	6.	60.	.2
23258	14.	10.	65.	.1
23259	12.	6.	95.	.1
23260	2.	4.	10.	.4
23261	4.	6.	25.	.2
23262	26.	8.	120.	.2
23263	4.	8.	45.	.2
23264	10.	6.	40.	.1
23265	6.	6.	35.	.2
23266	8.	4.	45.	.2
23267	4.	6.	10.	.1
23268	2.	2.	5.	.1
23269	20.	6.	10.	.1
23270	10.	4.	20.	.2
23271	12.	4.	25.	.2
23272	6.	6.	5.	.3
23273	12.	8.	40.	.2
23500	16.	4.	50.	.2
23501	8.	6.	35.	.1
23502	10.	6.	55.	.2
23503	6.	8.	75.	.2
23504	12.	8.	50.	.2
23505	14.	8.	60.	.2
23506	36.	8.	110.	.4
23507	32.	8.	70.	.5

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23508	12.	6.	50.	.2
23509	14.	6.	60.	.3
23510	14.	8.	70.	.4
23511	14.	8.	60.	.2
23512	12.	8.	75.	.6
23513	8.	6.	40.	.4
23514	10.	4.	40.	.3
23515	12.	8.	60.	.2
23516	8.	6.	40.	.5
23517	10.	6.	55.	.4
23518	12.	8.	105.	.3
23519	8.	6.	60.	.4
23520	10.	6.	60.	.3
23521	8.	6.	50.	.3
23522	8.	6.	120.	.2
23523	4.	4.	30.	.2
23524	10.	6.	30.	.3
23525	8.	4.	5.	.3
23526	4.	6.	20.	.2
23527	4.	8.	45.	.2
23528	2.	6.	50.	.1
23529	10.	8.	70.	.4
23530	32.	6.	80.	.3
23531	24.	8.	185.	.2
23532	4.	4.	10.	.2
23533	2.	2.	5.	.3
23534	4.	2.	15.	.2
23535	2.	2.	5.	.2
23536	2.	2.	15.	.2
23537	4.	4.	85.	.2
23538	4.	2.	95.	.2
23539	10.	4.	90.	.6
23540	10.	4.	20.	.5
23541	4.	6.	20.	.3
23542	6.	12.	20.	.6

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23543	2.	8.	20.	.3
23544	6.	6.	35.	.3
23545	4.	10.	50.	.2
23546	4.	8.	45.	.2
23547	8.	16.	75.	.5
23548	8.	8.	45.	.6
23549	6.	8.	40.	.4
23550	4.	10.	40.	.3
23551	18.	8.	40.	.8
23552	22.	8.	40.	.8
23553	8.	2.	10.	.3
23554	4.	4.	5.	.2
23555	6.	2.	5.	.4
23556	20.	12.	60.	.4
23557	10.	8.	30.	.3
23558	4.	8.	15.	.3
23559	6.	4.	3.	.3
23560	2.	4.	3.	.3
23561	1.	2.	2.	.4
23562	12.	8.	30.	.3
23563	4.	4.	10.	.2
23575	6.	4.	25.	.3
23576	4.	4.	20.	.4
23577	4.	4.	10.	.3
23578	10.	4.	10.	.3
23579	8.	4.	20.	.1
23580	2.	2.	2.	.2
23581	10.	2.	15.	.4
23582	16.	6.	45.	.3
23583	10.	4.	10.	.5
23584	8.	6.	30.	.2
23585	8.	8.	30.	.4
23586	6.	4.	10.	.2
23587	8.	6.	25.	.3
23588	6.	6.	20.	.2

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23589	4.	4.	5.	.5
23590	1.	2.	2.	.3
23591	4.	6.	10.	.4
23592	8.	8.	10.	.3
23593	2.	4.	15.	.5
23594	4.	6.	20.	.4
23595	4.	6.	10.	.5
23596	6.	6.	15.	.4
23597	8.	10.	35.	.2
23599	8.	10.	30.	.2
23600	8.	8.	20.	.2
23601	14.	8.	30.	.3
23602	10.	8.	25.	.5
23603	6.	4.	10.	.2
23604	6.	4.	25.	.3
23605	4.	2.	5.	.3
23606	14.	8.	40.	.4
23607	10.	4.	15.	.3
23608	10.	6.	5.	.2
23609	8.	4.	5.	.4
23610	6.	4.	35.	.3
23611	10.	4.	45.	.4
23612	6.	4.	5.	.6
23613	4.	2.	2.	.3
23614	8.	4.	5.	.4
23615	6.	2.	5.	.6
23616	8.	2.	2.	.3
23617	24.	3.	50.	.3
23618	20.	6.	40.	.6
23619	10.	8.	35.	.3
23620	6.	10.	35.	.3
23621	8.	6.	25.	.2
23622	8.	8.	30.	.2
23675	14.	4.	5.	.4
23676	10.	4.	2.	.3

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23677	12.	4.	3.	.2
23678	26.	8.	75.	.4
23679	8.	6.	30.	.1
23680	8.	6.	30.	.2
23681	8.	8.	30.	.4
23682	6.	8.	20.	.2
23683	8.	10.	50.	.4
23684	12.	10.	40.	.4
23685	10.	6.	20.	.1
23686	4.	4.	5.	.2
23687	6.	2.	2.	.5
23688	4.	2.	2.	.4
23689	14.	8.	35.	.3
23690	8.	6.	30.	.6
23691	6.	8.	25.	.5
23692	14.	8.	45.	.3
23693	10.	8.	20.	.3
23694	12.	10.	40.	.2
23695	8.	8.	40.	.4
23697	10.	8.	35.	.3
23698	6.	4.	5.	.5
23699	10.	4.	2.	.4
23700	16.	10.	80.	.4
23701	12.	8.	35.	.3
23702	12.	8.	35.	.3
23703	12.	8.	40.	.1
23704	10.	10.	40.	.4
23705	14.	8.	45.	.3
23706	14.	4.	25.	.3
23707	8.	2.	5.	.2
23708	18.	10.	30.	.5
23709	8.	8.	30.	.3
23710	8.	8.	20.	.3
23711	14.	10.	50.	.3
23712	8.	6.	30.	.2

Anaconda Canada Exploration Limited

Property Name: Francois — Survey Type: Soils — Province: Yukon Territory — NTS: 105L/15
Project Name: Selwyn Basin — Project Code: 51983 — Claims: Clare — Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23713	8.	8.	30.	.3
23714	14.	6.	30.	.4
23715	6.	6.	25.	.5
23716	22.	8.	65.	.1
23717	10.	4.	2.	.2
23718	16.	10.	60.	.4
23719	32.	14.	125.	.6
23720	36.	22.	135.	.3
23721	4.	2.	5.	.2
23722	20.	12.	110.	.4
23723	32.	16.	170.	.5
23724	20.	14.	150.	.3
23725	24.	10.	90.	.2
23726	24.	12.	70.	.1
23727	8.	8.	5.	.2
23728	20.	8.	60.	.2
23729	8.	6.	10.	.1
23730	10.	4.	20.	.3
23731	4.	4.	5.	.4
23732	14.	6.	20.	.1
23733	8.	6.	10.	.3
23734	18.	4.	15.	.3
23735	2.	4.	5.	.2
23736	4.	8.	20.	.3
23750	28.	10.	190.	.5
23751	28.	10.	190.	.5
23752	16.	8.	170.	.6
23753	54.	14.	660.	.7
23754	12.	6.	90.	.5
23755	58.	16.	440.	1.2
23756	28.	10.	230.	.6
23757	44.	12.	540.	.5
23758	40.	10.	400.	.6
23759	34.	12.	300.	.7
23760	64.	14.	800.	.7

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23761	18.	6.	85.	.5
23762	16.	6.	65.	.3
23763	38.	4.	10.	.2
23764	8.	4.	70.	.4
23765	16.	4.	95.	.2
23766	20.	4.	30.	.2
23767	16.	6.	40.	.6
23768	24.	2.	30.	.5
23769	42.	10.	280.	1.9
23770	4.	6.	5.	.3
23771	2.	4.	2.	.2
23772	4.	2.	15.	.2
23773	8.	6.	55.	.5
23774	2.	2.	30.	.5
23775	2.	4.	65.	.4
23776	8.	8.	110.	1.2
23777	4.	6.	55.	.5
23778	28.	10.	190.	.6
23779	32.	10.	240.	1.2
23780	4.	2.	10.	.3
23781	18.	10.	100.	.6
23782	24.	6.	50.	.3
23783	22.	8.	110.	.3
23784	32.	8.	305.	.3
23785	32.	16.	300.	.6
23786	24.	16.	200.	.4
23787	18.	10.	170.	.3
23788	30.	16.	165.	.4
23789	26.	16.	160.	.2
23790	16.	10.	150.	.2
23791	22.	8.	70.	.5
23792	14.	10.	70.	.2
23793	34.	16.	220.	.7
23794	22.	16.	190.	.3
23795	22.	18.	180.	.5

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23796	22.	10.	110.	.6
23797	40.	22.	200.	.8
23798	8.	8.	115.	.4
23799	22.	10.	210.	.3
23800	26.	16.	160.	.8
23801	22.	12.	170.	.5
23802	14.	16.	130.	.3
23803	2.	2.	40.	.3
23804	70.	22.	330.	1.0
23805	16.	12.	130.	.2
23806	24.	16.	210.	.3
23807	20.	18.	205.	.3
23808	22.	18.	190.	.4
23809	16.	14.	160.	.2
23810	10.	10.	100.	.1
23811	12.	12.	160.	.1
23812	18.	12.	110.	.2
23813	4.	4.	15.	.4
23814	6.	6.	60.	.4
23815	8.	8.	150.	.3
23816	14.	12.	105.	.3
23817	12.	16.	100.	.4
23818	6.	2.	5.	.3
23819	4.	2.	15.	.3
23820	20.	6.	40.	.3
23821	2.	2.	5.	.1
23822	24.	12.	145.	.3
23823	20.	22.	135.	.7
23824	32.	22.	140.	.6
23825	14.	4.	10.	.2
23826	16.	16.	60.	.4
23827	4.	2.	5.	.2
23828	10.	12.	50.	.4
23829	12.	12.	45.	.3
23830	10.	2.	20.	.4

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23831	18.	10.	60.	.5
23832	28.	8.	90.	.2
23833	24.	12.	100.	.2
23834	18.	2.	10.	.3
23835	4.	2.	5.	.4
23836	20.	8.	65.	.4
23837	10.	6.	50.	.3
23838	12.	4.	40.	.4
23839	6.	6.	40.	.5
23840	14.	10.	65.	.3
23841	10.	8.	60.	.6
23842	20.	8.	60.	.3
23843	12.	10.	65.	.5
23844	6.	6.	50.	.6
23845	12.	8.	70.	.4
23846	12.	12.	60.	.6
23847	8.	6.	30.	.4
23848	12.	10.	80.	.3
23849	12.	10.	70.	.4
23850	16.	8.	60.	.5
23851	28.	10.	70.	.4
23852	16.	6.	50.	.3
23853	16.	8.	50.	.3
23854	14.	10.	50.	.4
23855	16.	8.	60.	.3
23856	18.	10.	65.	.3
23857	20.	8.	70.	.5
23858	22.	10.	80.	.4
23859	32.	10.	80.	.5
23860	22.	12.	90.	.8
23861	12.	10.	70.	.4
23862	22.	12.	80.	.4
23863	14.	8.	70.	.3
23864	20.	8.	70.	.5
23865	14.	6.	50.	.3

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23866	24.	10.	75.	.5
23867	20.	8.	70.	.3
23868	8.	6.	50.	.3
23869	8.	6.	50.	.5
23870	26.	12.	120.	.6
23871	16.	8.	60.	.4
23872	10.	6.	50.	.5
23873	12.	8.	60.	.5
23874	6.	8.	40.	.4
23875	28.	8.	80.	.3
23876	12.	10.	60.	.3
23877	12.	8.	50.	.2
23878	4.	6.	30.	.3
23879	10.	8.	50.	.4
24575	10.	10.	40.	.3
24576	8.	8.	45.	.2
24577	20.	10.	90.	.3
24578	36.	12.	110.	.3
24579	24.	8.	85.	.2
24580	18.	10.	65.	.5
24581	54.	18.	140.	.2
24582	30.	12.	110.	.3
24583	18.	10.	70.	.1
24584	14.	4.	65.	.1
24585	8.	8.	60.	.3
24586	10.	6.	60.	.3
24587	16.	10.	85.	.2
24588	4.	4.	35.	.1
24589	10.	4.	80.	.2
24590	60.	10.	105.	.7
24591	6.	10.	65.	.2
24592	30.	12.	90.	.2
24593	12.	10.	60.	.2
24594	20.	10.	80.	.1
24595	8.	8.	55.	.4

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24596	80.	10.	50.	1.0
24597	22.	8.	60.	.4
24598	22.	6.	65.	.6
24599	28.	14.	100.	.2
24600	4.	2.	5.	.1
24601	24.	10.	120.	.2
24602	8.	4.	20.	.2
24603	38.	12.	120.	.4
24604	18.	8.	60.	.4
24605	6.	6.	30.	.4
24606	10.	6.	50.	.2
24607	10.	4.	45.	.3
24608	10.	8.	55.	.3
24609	10.	6.	60.	.1
24610	4.	10.	75.	.3
24611	18.	12.	220.	.4
24612	16.	10.	75.	.4
24613	12.	8.	35.	.1
24614	4.	8.	45.	.2
24615	10.	12.	60.	.2
24616	12.	8.	55.	.3
24617	6.	6.	40.	.2
24618	10.	10.	65.	.3
24625	6.	6.	40.	.2
24626	18.	8.	95.	.4
24627	20.	6.	85.	.3
24628	18.	8.	85.	.4
24629	16.	8.	90.	.3
24630	26.	10.	90.	1.0
24631	20.	12.	80.	.3
24632	10.	4.	40.	.1
24633	24.	12.	75.	.5
24634	16.	4.	20.	.4
24635	12.	8.	75.	.5
24636	20.	8.	50.	.4

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24637	6.	10.	50.	.4
24638	10.	4.	35.	.4
24639	2.	2.	10.	.3
24640	6.	6.	20.	.3
24641	8.	6.	80.	.4
24642	16.	10.	100.	.3
24643	18.	6.	85.	.2
24644	8.	8.	45.	.2
24645	18.	12.	75.	.3
24646	10.	8.	105.	.4
24647	34.	16.	160.	1.8
24648	20.	12.	120.	.6
24649	6.	4.	5.	.1
24650	12.	8.	80.	.2
24651	24.	8.	75.	.3
24652	12.	10.	70.	.3
24653	20.	12.	75.	.1
24654	12.	8.	70.	.3
24655	16.	6.	70.	.2
21000	35.	19.	130.	.7
21001	45.	22.	305.	1.0
21002	43.	18.	295.	.4
21003	41.	18.	132.	.9
21004	29.	15.	102.	.6
21005	31.	15.	115.	.3
21006	30.	18.	100.	.4
21007	32.	19.	140.	1.0
21008	31.	14.	125.	1.0
21009	31.	15.	105.	.6
21010	8.	10.	35.	.5
21011	5.	3.	10.	.3
21012	34.	19.	145.	1.0
21013	35.	14.	110.	.3
21014	8.	1.	13.	.6
21015	36.	19.	158.	.8

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21016	17.	7.	70.	.9
21017	18.	15.	120.	.5
21018	17.	9.	50.	.8
21019	12.	9.	110.	.7
21020	24.	22.	135.	.8
21021	12.	6.	100.	.4
21022	17.	12.	120.	.4
21023	34.	18.	178.	1.1
21024	16.	16.	144.	.7
21025	52.	18.	178.	1.1
21026	36.	20.	157.	.6
21027	49.	21.	201.	1.5
21028	33.	20.	413.	.6
21029	27.	20.	322.	.8
21030	18.	17.	160.	.8
21091	31.	13.	160.	.5
21092	39.	15.	190.	1.0
21093	40.	20.	230.	1.1
21094	43.	14.	121.	.5
21095	32.	16.	178.	.5
21096	48.	20.	252.	.6
21097	37.	15.	245.	.7
21098	39.	15.	193.	.5
21099	34.	14.	175.	.4
21101	21.	11.	100.	.5
21102	35.	13.	53.	.4
21103	20.	9.	58.	.5
21104	12.	7.	62.	.6
21105	23.	8.	55.	.4
21106	7.	4.	49.	.4
21107	11.	8.	33.	.8
21108	23.	10.	73.	1.3
21109	21.	16.	124.	1.1
21110	20.	8.	52.	.9
21111	19.	16.	135.	.8

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21112	25.	21.	200.	.8
21113	19.	8.	75.	.7
21114	22.	14.	135.	.4
21115	24.	17.	135.	1.1
21116	12.	8.	54.	.9
21117	36.	9.	70.	1.0
21825	20.	3.	140.	.2
21826	46.	10.	350.	.7
21827	88.	14.	625.	1.2
21828	4.	6.	55.	.2
21829	3.	2.	45.	.4
21830	14.	4.	50.	.3
21831	4.	2.	60.	.1
21832	4.	3.	15.	.4
21833	12.	5.	55.	.6
21834	4.	4.	20.	.8
21835	2.	2.	5.	.7
21836	16.	2.	43.	1.0
21837	1.	4.	3.	.7
21838	6.	6.	15.	1.7
21839	1.	1.	2.	.3
21840	44.	5.	38.	.4
21841	14.	3.	15.	.6
21842	8.	6.	35.	.5
21843	2.	2.	2.	.6
21844	4.	3.	13.	.2
21845	30.	5.	150.	.7
21846	8.	2.	20.	.9
21847	1.	2.	2.	.3
21848	5.	2.	18.	.5
21849	3.	3.	15.	.1
21850	4.	1.	38.	.1
21851	2.	2.	13.	.1
21852	2.	2.	20.	.1
21853	8.	3.	30.	.3

Anaconda Canada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21854	12.	1.	8.	.7
21855	1.	2.	3.	.5
21856	10.	3.	22.	1.6
21857	12.	2.	34.	.5
21858	8.	1.	30.	.4
21859	24.	11.	120.	.6
21860	20.	11.	110.	.3
21861	26.	14.	210.	.4
21862	2.	3.	15.	.2
21863	2.	2.	25.	.4
21864	24.	3.	95.	.2
21925	17.	9.	80.	.2
21926	21.	5.	70.	.1
21927	8.	4.	90.	.1
21928	8.	5.	70.	.4
21929	6.	2.	70.	1.2
21930	20.	17.	130.	.6
21931	26.	12.	165.	.5
21932	40.	21.	500.	.6
21933	36.	25.	180.	.9
21934	46.	20.	170.	.6
21935	20.	16.	195.	.5
21936	8.	3.	30.	.4
21937	1.	2.	5.	.9
21938	1.	1.	3.	.3
21939	2.	2.	1.	.4
21940	2.	2.	5.	.7
21941	4.	5.	4.	.5
21942	6.	4.	40.	.3
21943	46.	20.	200.	.5
21944	42.	26.	260.	.6
21945	10.	8.	70.	.2
21946	5.	3.	175.	.2
21947	8.	5.	50.	.1
21948	4.	4.	20.	.1

Anaconda Ganada Exploration Limited

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
21949	2.	4.	25.	.3
21950	10.	6.	30.	.1
21951	6.	5.	25.	.2
21952	12.	6.	30.	.1
21953	3.	4.	7.	.1
21954	4.	6.	5.	.1
21955	4.	6.	2.	.2
21956	7.	3.	60.	.3
21957	6.	3.	50.	.2
21958	6.	6.	7.	.2
21959	31.	10.	70.	.8
21960	20.	6.	15.	.6
21961	4.	8.	5.	.2
21962	6.	5.	75.	.2
21963	6.	3.	5.	.2
21964	7.	6.	2.	.1
21965	20.	12.	60.	.3
21966	8.	3.	10.	1.0
21967	7.	2.	15.	2.2
21968	10.	2.	13.	1.4
21969	4.	4.	5.	.2
21970	30.	6.	100.	.5
21971	16.	4.	75.	.2
21972	32.	2.	325.	.4

Time: 14:54:33 Date: 4:11:1983

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Metals	Pb
No of Samples	1389
Minimum Value	1.00
Maximum Value	56.00
Range	55.00
Median	8.00
Mode	.00
Mean	8.12
St Deviation	4.82
Mean + 2SD	17.76
Coeff Variation	.59
Skewness	1.80
Kurtosis	8.53
2.5 Percentile	2.00
5.0 Percentile	2.00
16.5 Percentile	4.00
50.0 Percentile	8.00
82.2 Percentile	12.00
90.0 Percentile	14.00
95.0 Percentile	18.00
97.5 Percentile	20.00
99.0 Percentile	22.00

Time: 14:54:35 Date: 4:11:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 1.205 No. Samples: 1389

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.89	121	**********	8.7	8.7
2	2.09	24	**	1.7	10.4
3	3.30	224	********************	16.1	26.6
4	4.50	24	**	1.7	28.3
5	5.71	246	**********************	17.7	46.0
6	6.91	278	*************************	20.0	66.0
7	8.12	16	*	1.2	67.2
8	9.32	170	***************	12.2	79.4
9	10.53	9		.6	80.1
10	11.73	99	********	7.1	87.2
11	12.94	43	***	3.1	90.3
12	14.15	7		.5	90.8
13	15.35	54	****	3.9	94.7
14	16.56	3		.2	94.9
15	17.76	17	*	1.2	96.1
16	18.97	27	**	1.9	98.1
17	20.17	3		.2	98.3
18	21.38	12	*	.9	99.1
19	22.58	0		.0	99.1
20	23.79	6		.4	99.6
21	24.99	3		.2	99.8
22	26.20	0		.0	99.8
23	27.40	0		.0	99.8
24	28.61	0		.0	99.8
25	29.82	0		.0	99.8

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: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Metals	Pb
No of Samples	1389
Minimum Value	1.00
Maximum Value	56.00
Range	55.00
Median	8.00
Mode	.00
Mean	6.84
Log St Dev	.26
Mean + 2SD	23.12
Coeff Variation	.32
Skewness	-.42
Kurtosis	.16
2.5 Percentile	2.00
5.0 Percentile	2.00
16.5 Percentile	4.00
50.0 Percentile	8.00
82.2 Percentile	12.00
90.0 Percentile	14.00
95.0 Percentile	18.00
97.5 Percentile	20.00
99.0 Percentile	22.00

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .066 No. Samples: 1389

Property Name: Francois Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Clare Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.10	0		.0	.6
2	1.28	0		.0	.6
3	1.49	0		.0	.6
4	1.74	112	*********	8.1	8.7
5	2.02	0		.0	8.7
6	2.36	0		.0	8.7
7	2.75	24	**	1.7	10.4
8	3.20	0		.0	10.4
9	3.72	224	********************	16.1	26.6
10	4.33	24	**	1.7	28.3
11	5.05	0		.0	28.3
12	5.88	246	**********************	17.7	46.0
13	6.84	10		.7	46.7
14	7.97	284	**************************	20.4	67.2
15	9.28	170	***************	12.2	79.4
16	10.80	108	*********	7.8	87.2
17	12.58	43	***	3.1	90.3
18	14.64	64	*****	4.6	94.9
19	17.05	21	*	1.5	96.4
20	19.85	38	***	2.7	99.1
21	23.12	9		.6	99.8
22	26.92	0		.0	99.8
23	31.34	2		.1	99.9
24	36.49	0		.0	99.9
25	42.49	0		.0	99.9

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

Anaconda Canada Exploration Limited

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24025	3.	4.	2.	1.3
24026	2.	2.	2.	.3
24027	36.	8.	111.	.2
24028	46.	8.	351.	.3
24029	40.	8.	112.	.4
24030	8.	8.	22.	.2
24031	11.	6.	31.	.3
24032	11.	6.	37.	.1
24033	16.	10.	80.	.2
24034	12.	6.	32.	.3
24035	14.	8.	51.	.2
24036	18.	14.	77.	.6
24037	7.	22.	42.	.6
24038	20.	12.	68.	.3
24039	62.	22.	167.	3.3
24040	31.	12.	108.	.6
24041	24.	10.	107.	.5
24042	10.	10.	41.	.5
24043	9.	8.	39.	.7
24044	35.	16.	142.	.7
24045	20.	12.	70.	.5
24046	42.	12.	148.	.9
24047	31.	8.	97.	.7
24048	34.	12.	111.	.8
24049	86.	12.	190.	.8
24050	8.	10.	32.	.4
24051	18.	10.	46.	.7
24052	22.	8.	52.	.4
24053	103.	12.	92.	.6
24054	34.	12.	98.	.6
24055	29.	16.	107.	.2
24056	8.	10.	50.	.1
24057	35.	28.	112.	2.4
24058	12.	12.	47.	.6
24059	24.	14.	79.	.5

Anaconda Canada Exploration Limited

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24060	11.	12.	47.	.5
24061	12.	10.	26.	.4
24062	20.	12.	62.	.3
24063	15.	12.	52.	.3
24064	18.	12.	50.	.2
24065	32.	8.	72.	.3
24066	10.	6.	23.	.4
24067	24.	8.	107.	.2
24068	20.	8.	99.	.3
24069	29.	8.	107.	.4
24070	32.	8.	117.	.2
24071	59.	14.	221.	2.4
24072	40.	8.	109.	1.0
24073	44.	12.	178.	1.1
24074	24.	18.	210.	.2
24075	18.	8.	49.	.2
24100	130.	64.	615.	2.6
24101	132.	56.	518.	2.8
24102	79.	52.	354.	2.0
24103	93.	30.	273.	.5
24104	72.	28.	217.	2.0
24105	76.	70.	392.	3.1
24106	17.	8.	21.	1.5
24107	42.	16.	191.	1.0
24108	39.	10.	99.	.6
24109	55.	20.	186.	.8
24110	38.	16.	158.	.4
24111	38.	20.	158.	1.5
24112	29.	18.	142.	.6
24113	6.	10.	30.	.4
24114	7.	10.	34.	.2
24115	19.	20.	108.	.3
24116	58.	32.	217.	.8
24117	114.	36.	452.	1.8
24118	31.	32.	164.	.5

Anaconda Canada Exploration Limited

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24119	13.	14.	92.	.2
24120	12.	14.	60.	.2
24121	40.	24.	210.	.6
24122	26.	22.	194.	.4
24123	80.	34.	380.	1.0
24124	74.	22.	297.	1.2
24126	14.	12.	48.	.5
24127	12.	6.	87.	.3
24128	24.	10.	130.	.7
24129	36.	8.	162.	1.2
24130	44.	14.	171.	.5
24131	47.	16.	180.	.8
24132	36.	6.	200.	.9
24133	20.	8.	127.	.3
24134	19.	10.	90.	.6
24135	40.	10.	122.	.5
24136	21.	28.	145.	.2
24137	14.	16.	100.	.3
24138	18.	20.	201.	.5
24139	24.	32.	129.	.3
24140	11.	20.	74.	.4
24141	16.	16.	185.	.4
24142	27.	20.	112.	.5
24143	46.	14.	133.	.5
24144	15.	10.	82.	.2
24145	1.	2.	6.	.4
24146	38.	26.	166.	1.1
24147	20.	40.	260.	.8
24148	12.	12.	57.	.4
24149	12.	6.	42.	.3
24150	11.	12.	89.	.2
24151	8.	10.	40.	.3
24152	12.	14.	51.	.2
24153	8.	16.	53.	.3
24154	12.	10.	50.	.4

Anaconda Canada Exploration Limited

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24155	9.	12.	55.	.3
24156	42.	14.	132.	.6
24157	6.	8.	37.	.2
24175	88.	24.	62.	2.1
24176	150.	10.	18.	2.0
24177	10.	2.	15.	1.2
24178	3.	2.	5.	.5
24179	10.	6.	40.	.7
24180	18.	8.	70.	.7
24181	44.	12.	150.	1.9
24182	14.	10.	80.	.4
24183	12.	4.	45.	.7
24184	15.	10.	58.	.7
24185	8.	4.	5.	.5
24186	8.	4.	5.	.5
24187	6.	10.	60.	.7
24188	5.	8.	30.	.6
24189	8.	10.	35.	.6
24190	25.	16.	100.	.6
24191	4.	4.	3.	.5
24192	7.	6.	17.	.6
24193	5.	8.	25.	.5
24194	6.	4.	20.	.7
24195	8.	6.	30.	.5
24196	6.	8.	30.	.5
24197	12.	8.	61.	.7
24198	11.	8.	51.	.9
24199	12.	6.	45.	1.1
20050	22.	32.	85.	1.2
20051	44.	34.	182.	1.4
20052	16.	20.	50.	.7
20053	28.	14.	125.	1.6
20054	19.	6.	60.	.9
20055	2.	4.	5.	.7
20056	7.	9.	38.	.2

Anaconda Canada Exploration Limited

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20057	32.	14.	108.	.5
20058	66.	20.	260.	1.1
20059	44.	12.	200.	.9
20060	16.	11.	20.	.4

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Metals	Cu	Pb
No of Samples	144	144
Minimum Value	1.00	2.00
Maximum Value	150.00	70.00
Range	149.00	68.00
Median	19.00	12.00
Mode	12.00	8.00
Mean	28.58	14.32
St Deviation	27.06	10.99
Mean + 2SD	82.69	36.30
Coeff Variation	.95	.77
Skewness	2.10	2.50
Kurtosis	4.95	7.89
2.5 Percentile	3.00	2.00
5.0 Percentile	5.00	4.00
16.5 Percentile	8.00	8.00
50.0 Percentile	19.00	12.00
82.2 Percentile	44.00	20.00
90.0 Percentile	62.00	28.00
95.0 Percentile	86.00	34.00
97.5 Percentile	103.00	40.00
99.0 Percentile	132.00	64.00

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Metals	Zn	Ag
No of Samples	144	144
Minimum Value	2.00	.10
Maximum Value	615.00	3.30
Range	613.00	3.20
Median	82.00	.50
Mode	107.00	.50
Mean	109.40	.71
St Deviation	100.39	.60
Mean + 2SD	310.18	1.92
Coeff Variation	.92	.85
Skewness	2.16	2.14
Kurtosis	6.17	4.79
2.5 Percentile	5.00	.20
5.0 Percentile	5.00	.20
16.5 Percentile	32.00	.30
50.0 Percentile	82.00	.50
82.2 Percentile	180.00	1.00
90.0 Percentile	210.00	1.50
95.0 Percentile	297.00	2.00
97.5 Percentile	380.00	2.40
99.0 Percentile	518.00	3.10

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 6.764 No. Samples: 144

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.52	25	**********	17.4	18.1
2	8.28	32	**********	22.2	40.3
3	15.05	21	**********	14.6	54.9
4	21.81	12	*********	8.3	63.2
5	28.58	13	**********	9.0	72.2
6	35.34	14	**********	9.7	81.9
7	42.10	8	******	5.6	87.5
8	48.87	1		.7	88.2
9	55.63	3	**	2.1	90.3
10	62.40	1		.7	91.0
11	69.16	2	*	1.4	92.4
12	75.92	3	**	2.1	94.4
13	82.69	2	*	1.4	95.8
14	89.45	1		.7	96.5
15	96.21	0		.0	96.5
16	102.98	1		.7	97.2
17	109.74	1		.7	97.9
18	116.51	0		.0	97.9
19	123.27	1		.7	98.6
20	130.03	1		.7	99.3
21	136.80	0		.0	99.3
22	143.56	1		.7	100.0
23	150.33	0		.0	100.0
24	157.09	0		.0	100.0
25	163.85	0		.0	100.0

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): 2.748 No. Samples: 144

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.58	4	***	2.8	2.8
2	3.33	19	**********	13.2	16.0
3	6.08	25	**********	17.4	33.3
4	8.82	23	**********	16.0	49.3
5	11.57	31	**********	21.5	70.8
6	14.32	9	*******	6.3	77.1
7	17.07	2	*	1.4	78.5
8	19.82	12	*********	8.3	86.8
9	22.56	2	*	1.4	88.2
10	25.31	4	***	2.8	91.0
11	28.06	1		.7	91.7
12	30.81	4	***	2.8	94.4
13	33.56	3	**	2.1	96.5
14	36.30	0		.0	96.5
15	39.05	1		.7	97.2
16	41.80	0		.0	97.2
17	44.55	0		.0	97.2
18	47.30	0		.0	97.2
19	50.04	1		.7	97.9
20	52.79	0		.0	97.9
21	55.54	1		.7	98.6
22	58.29	0		.0	98.6
23	61.04	0		.0	98.6
24	63.79	1		.7	99.3
25	66.53	0		.0	99.3

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): 25.099 No. Samples: 144

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	9.00	18	**********	12.5	18.1
2	34.10	30	**********	20.8	38.9
3	59.20	16	**********	11.1	50.0
4	84.30	20	**********	13.9	63.9
5	109.40	13	**********	9.0	72.9
6	134.49	7	*****	4.9	77.8
7	159.59	8	******	5.6	83.3
8	184.69	8	******	5.6	88.9
9	209.79	5	****	3.5	92.4
10	234.89	0		.0	92.4
11	259.99	3	**	2.1	94.4
12	285.09	1		.7	95.1
13	310.18	0		.0	95.1
14	335.28	2	*	1.4	96.5
15	360.38	1		.7	97.2
16	385.48	1		.7	97.9
17	410.58	0		.0	97.9
18	435.68	1		.7	98.6
19	460.77	0		.0	98.6
20	485.87	0		.0	98.6
21	510.97	1		.7	99.3
22	536.07	0		.0	99.3
23	561.17	0		.0	99.3
24	586.27	0		.0	99.3
25	611.36	1		.7	100.0

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): .151 No. Samples: 144

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.11	19	**********	13.2	14.6
2	.26	34	**********	23.6	38.2
3	.41	21	**********	14.6	52.8
4	.56	29	**********	20.1	72.9
5	.71	6	****	4.2	77.1
6	.86	8	******	5.6	82.6
7	1.01	4	***	2.8	85.4
8	1.16	5	****	3.5	88.9
9	1.31	1		.7	89.6
10	1.46	3	**	2.1	91.7
11	1.61	0		.0	91.7
12	1.76	2	*	1.4	93.1
13	1.92	3	**	2.1	95.1
14	2.07	1		.7	95.8
15	2.22	0		.0	95.8
16	2.37	2	*	1.4	97.2
17	2.52	1		.7	97.9
18	2.67	1		.7	98.6
19	2.82	0		.0	98.6
20	2.97	1		.7	99.3
21	3.12	0		.0	99.3
22	3.27	1		.7	100.0
23	3.42	0		.0	100.0
24	3.57	0		.0	100.0
25	3.72	0		.0	100.0

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: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Metals	Cu	Pb
No of Samples	144	144
Minimum Value	1.00	2.00
Maximum Value	150.00	70.00
Range	149.00	68.00
Median	19.00	12.00
Mode	12.00	8.00
Mean	19.61	11.55
Log St Dev	.39	.28
Mean + 2SD	118.35	42.32
Coeff Variation	.30	.27
Skewness	12.00	**********
Kurtosis	141.00	.81
2.5 Percentile	3.00	2.00
5.0 Percentile	5.00	4.00
16.5 Percentile	8.00	8.00
50.0 Percentile	19.00	12.00
82.2 Percentile	44.00	20.00
90.0 Percentile	62.00	28.00
95.0 Percentile	86.00	34.00
97.5 Percentile	103.00	40.00
99.0 Percentile	132.00	64.00

Anaconda Canada Exploration Limited

LOGARITHMIC SUMMARY STATISTICS

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Metals	Zn	Ag
No of Samples	144	144
Minimum Value	2.00	.10
Maximum Value	615.00	3.30
Range	613.00	3.20
Median	82.00	.50
Mode	107.00	.50
Mean	71.78	.54
Log St Dev	.46	.31
Mean + 2SD	586.53	2.26
Coeff Variation	.25	-1.17
Skewness	-.84	.42
Kurtosis	**********	-.12
2.5 Percentile	5.00	.20
5.0 Percentile	5.00	.20
16.5 Percentile	32.00	.30
50.0 Percentile	82.00	.50
82.2 Percentile	180.00	1.00
90.0 Percentile	210.00	1.50
95.0 Percentile	297.00	2.00
97.5 Percentile	380.00	2.40
99.0 Percentile	518.00	3.10

Time: 8:25:46 Date: 4: 8:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .098 No. Samples: 144

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.32	0			
2	1.66	2	*	.0	.7
3	2.07	0		1.4	2.1
4	2.60	2	*	.0	2.1
5	3.25	1		1.4	3.5
6	4.07	2	*	.7	4.2
7	5.09	5	****	1.4	5.6
8	6.38	4	***	3.5	9.0
9	7.99	11	*********	2.8	11.8
10	10.00	22	**********	7.6	19.4
11	12.51	8	******	15.3	34.7
12	15.67	14	**********	5.6	40.3
13	19.61	15	**********	9.7	50.0
14	24.56	7	*****	10.4	60.4
15	30.74	16	**********	4.9	65.3
16	38.49	16	**********	11.1	76.4
17	48.18	3	**	11.1	87.5
18	60.32	4	***	2.1	89.6
19	75.51	6	****	2.8	92.4
20	94.54	2	*	4.2	96.5
21	118.35	2	*	1.4	97.9
22	148.16	1		1.4	99.3
23	185.49	0		.7	100.0
24	232.22	0		.0	100.0
25	290.71	0		.0	100.0
				.0	100.0

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: 144

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.65	0		.0	.0
2	1.94	4	***	2.8	2.8
3	2.28	0		.0	2.8
4	2.68	0		.0	2.8
5	3.15	0		.0	2.8
6	3.71	7	*****	4.9	7.6
7	4.36	0		.0	7.6
8	5.13	12	*********	8.3	16.0
9	6.03	0		.0	16.0
10	7.10	25	*********************	17.4	33.3
11	8.35	1		.7	34.0
12	9.82	22	******************	15.3	49.3
13	11.55	20	*****************	13.9	63.2
14	13.58	11	*********	7.6	70.8
15	15.98	11	*********	7.6	78.5
16	18.79	12	*********	8.3	86.8
17	22.11	3	**	2.1	88.9
18	26.00	4	***	2.8	91.7
19	30.58	6	****	4.2	95.8
20	35.98	2	*	1.4	97.2
21	42.32	0		.0	97.2
22	49.78	2	*	1.4	98.6
23	58.55	1		.7	99.3
24	68.87	1		.7	100.0
25	81.01	0		.0	100.0

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): .114 No. Samples: 144

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	3.07	0		.0	2.1
2	4.00	4	***	2.8	4.9
3	5.20	1		.7	5.6
4	6.76	0		.0	5.6
5	8.79	0		.0	5.6
6	11.42	0		.0	5.6
7	14.85	3	**	2.1	7.6
8	19.31	6	****	4.2	11.8
9	25.11	8	******	5.6	17.4
10	32.65	11	*********	7.6	25.0
11	42.46	18	**************	12.5	37.5
12	55.21	11	*********	7.6	45.1
13	71.78	13	**********	9.0	54.2
14	93.34	20	*****************	13.9	68.1
15	121.36	12	*********	8.3	76.4
16	157.80	18	**************	12.5	88.9
17	205.19	7	*****	4.9	93.7
18	266.80	2	*	1.4	95.1
19	346.91	4	***	2.8	97.9
20	451.08	2	*	1.4	99.3
21	586.53	1		.7	100.0
22	762.64	0		.0	100.0
23	991.64	0		.0	100.0
24	1289.41	0		.0	100.0
25	1676.58	0		.0	100.0

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

Time: 8:32:11 Date: 4: 8:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .077 No. Samples: 144

Property Name: N.S. Dromedary Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace-Bush Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.06	0		.0	.0
2	.08	0		.0	.0
3	.09	2	*	1.4	1.4
4	.11	0		.0	1.4
5	.13	0		.0	1.4
6	.16	0		.0	1.4
7	.19	19	**********	13.2	14.6
8	.22	0		.0	14.6
9	.27	18	**********	12.5	27.1
10	.32	0		.0	27.1
11	.38	16	**********	11.1	38.2
12	.46	21	**********	14.6	52.8
13	.54	15	**********	10.4	63.2
14	.65	14	**********	9.7	72.9
15	.78	11	**********	7.6	80.6
16	.93	7	*****	4.9	85.4
17	1.11	5	****	3.5	88.9
18	1.32	3	**	2.1	91.0
19	1.58	2	*	1.4	92.4
20	1.89	5	****	3.5	95.8
21	2.26	3	**	2.1	97.9
22	2.69	2	*	1.4	99.3
23	3.22	1		.7	100.0
24	3.84	0		.0	100.0
25	4.59	0		.0	100.0

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

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
13700	6.	6.	10.	.2
13701	12.	8.	20.	.2
13702	6.	8.	20.	.3
13703	6.	6.	20.	.3
13704	6.	6.	20.	.3
13705	8.	6.	20.	.2
13706	10.	6.	35.	.6
13707	26.	8.	80.	.9
13708	16.	6.	65.	.3
13709	18.	8.	70.	.3
13710	88.	20.	290.	1.2
13711	6.	6.	60.	.2
13712	6.	4.	25.	.5
13713	6.	4.	25.	.2
13714	12.	8.	35.	.2
13715	6.	6.	25.	.3
13716	8.	4.	10.	.3
13717	10.	8.	30.	.4
13718	10.	8.	45.	.5
13719	4.	8.	15.	.4
13720	4.	6.	15.	.3
13721	6.	8.	15.	.3
13722	6.	10.	20.	.4
13723	4.	8.	20.	.2
13724	4.	6.	25.	.2
13725	28.	14.	95.	.4
13726	29.	11.	63.	.5
13727	25.	12.	105.	.5
13728	18.	7.	58.	.1
13729	30.	15.	76.	.8
13730	8.	13.	45.	.3
13731	20.	8.	70.	.2
13732	26.	12.	78.	.4
13733	22.	9.	43.	.7
13734	53.	18.	120.	.7

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
13735	15.	11.	62.	.2
13736	20.	8.	76.	.4
13737	33.	14.	110.	.6
13738	33.	14.	146.	.5
13739	42.	14.	93.	.9
13740	44.	19.	172.	.8
13741	16.	8.	50.	.3
13742	36.	15.	75.	.5
13743	12.	5.	32.	.3
13744	14.	4.	54.	.4
13745	60.	18.	140.	1.0
13746	31.	7.	62.	.7
13747	11.	3.	10.	.2
13748	29.	14.	115.	.4
13749	17.	5.	54.	.5
13750	27.	9.	103.	.3
13751	40.	14.	195.	.7
13752	29.	16.	115.	.5
13753	22.	12.	100.	.2
13754	29.	13.	118.	.4
13755	19.	9.	112.	.3
13756	31.	10.	128.	.4
13757	33.	12.	132.	.3
13758	35.	9.	130.	.4
13759	28.	14.	113.	.4
13760	31.	14.	145.	.2
13761	45.	17.	172.	.7
13762	23.	9.	108.	.3
13763	29.	12.	127.	.3
13764	26.	10.	136.	.4
13765	25.	10.	142.	.2
13766	30.	11.	125.	.6
13767	17.	8.	73.	.5
13768	48.	19.	151.	.5
13769	34.	15.	112.	.2

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
13770	26.	16.	110.	.7
13771	41.	19.	135.	.5
23084	35.	16.	155.	.6
23085	22.	12.	110.	.3
23086	20.	16.	105.	.5
23087	12.	8.	40.	.3
23088	21.	12.	95.	.3
23089	21.	14.	115.	.5
23090	32.	8.	95.	.2
23091	36.	10.	115.	.5
23092	34.	14.	130.	.6
23093	36.	12.	125.	.4
23094	32.	14.	120.	.9
23095	46.	16.	120.	.8
23096	20.	8.	85.	.5
23097	21.	8.	65.	.3
23098	18.	8.	40.	.4
23099	16.	14.	70.	.3
23100	15.	8.	60.	.5
23101	12.	10.	55.	.3
23102	24.	8.	125.	.3
23103	24.	18.	125.	1.1
23104	24.	6.	105.	.2
23105	24.	14.	110.	.6
23106	5.	12.	30.	.2
23107	13.	6.	60.	.5
23108	10.	6.	20.	.3
23109	12.	12.	40.	.4
23110	16.	10.	45.	.5
23111	9.	10.	10.	.5
23112	10.	8.	40.	.3
23113	52.	18.	190.	.4
23114	24.	12.	160.	.6
23115	19.	8.	110.	.1
23116	23.	12.	75.	.2

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23117	29.	10.	125.	.4
23118	16.	8.	110.	.3
23119	19.	8.	130.	.4
23120	12.	6.	60.	.2
23121	16.	8.	125.	.4
23122	14.	8.	115.	.5
23123	14.	8.	100.	.1
23124	20.	8.	135.	.3
23125	6.	12.	30.	.2
23126	12.	10.	50.	.3
23127	20.	10.	80.	.3
23128	8.	8.	50.	.4
23129	6.	6.	40.	.3
23130	12.	8.	65.	.3
23131	6.	12.	40.	.2
23132	8.	8.	50.	.2
23133	11.	8.	50.	.3
23134	2.	4.	25.	.4
23135	4.	4.	15.	.2
23136	18.	10.	50.	.4
23137	3.	4.	30.	.4
23138	4.	12.	35.	.6
23139	12.	10.	50.	.4
23140	18.	12.	90.	.6
23141	24.	8.	135.	.2
23142	106.	14.	160.	.5
23143	130.	16.	245.	1.2
23144	29.	10.	60.	.4
23145	114.	14.	165.	.7
23146	30.	12.	115.	.8
23147	8.	8.	60.	.5
23148	9.	8.	25.	.2
23149	6.	6.	40.	.3
23150	14.	8.	60.	.3
23151	16.	10.	60.	.5

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23152	10.	8.	61.	.5
23153	9.	8.	46.	.4
23154	8.	10.	42.	.3
23155	9.	10.	52.	.3
23156	7.	8.	58.	.2
23157	1.	4.	14.	.2
23158	8.	6.	48.	.2
23159	13.	8.	58.	.4
23160	2.	4.	9.	.3
23161	2.	2.	8.	.4
23162	16.	8.	53.	.2
23163	13.	8.	44.	.4
23164	8.	14.	34.	.3
23165	8.	10.	34.	.3
23166	8.	8.	32.	.3
23167	1.	4.	11.	.4
23168	5.	8.	35.	.5
23169	4.	4.	8.	.3
23170	18.	12.	80.	.2
23171	18.	12.	108.	.4
23172	30.	10.	92.	.5
23173	8.	6.	59.	.5
23174	23.	10.	100.	.3
23175	18.	12.	73.	.2
23176	8.	8.	28.	.3
23177	8.	8.	51.	.2
23178	8.	12.	61.	.3
23179	11.	8.	57.	.3
23180	13.	8.	63.	.3
23181	12.	6.	48.	.2
23182	21.	10.	56.	.4
23183	18.	6.	40.	.3
23184	8.	6.	30.	.4
23185	11.	4.	26.	.3
23186	14.	8.	63.	.2

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23187	12.	6.	35.	.3
23188	28.	8.	87.	.3
23189	14.	8.	58.	.3
23190	12.	10.	55.	.3
23191	10.	8.	36.	.2
23192	8.	8.	49.	.3
23193	8.	10.	48.	.2
23194	8.	8.	49.	.2
23195	7.	8.	31.	.2
23196	10.	4.	22.	.3
23197	7.	6.	29.	.2
23198	22.	12.	60.	.2
23199	18.	10.	59.	.2
23300	19.	16.	88.	.4
23301	18.	12.	87.	.3
23302	20.	12.	80.	.4
23303	20.	12.	72.	.5
23304	19.	12.	58.	.2
23305	20.	8.	51.	.2
23306	22.	8.	57.	.4
23307	16.	12.	42.	.4
23308	16.	10.	39.	.4
23309	20.	10.	91.	.3
23310	14.	6.	32.	.4
23311	3.	4.	12.	.4
23312	5.	6.	15.	.2
23313	4.	6.	19.	.2
23314	6.	12.	26.	.4
23315	22.	12.	66.	.6
23316	12.	8.	51.	.2
23317	53.	14.	126.	.3
23318	14.	8.	60.	.3
23319	12.	8.	62.	.4
23320	16.	10.	61.	.2
23321	119.	12.	49.	.5

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23322	24.	10.	80.	.4
23323	15.	8.	66.	.2
23324	15.	10.	50.	.4
23325	12.	8.	33.	.3
23326	14.	6.	40.	.3
23327	16.	8.	52.	.4
23328	18.	6.	101.	.1
23329	27.	10.	157.	.6
23330	35.	14.	106.	.4
23331	26.	12.	90.	.4
23332	20.	10.	88.	.5
23334	4.	6.	21.	.4
23335	8.	8.	28.	.6
23336	8.	8.	20.	.2
23337	4.	10.	29.	.4
23338	8.	10.	40.	.3
23339	10.	12.	31.	.4
23340	4.	4.	10.	.4
23341	13.	8.	29.	.2
23342	4.	8.	29.	.4
23343	2.	4.	9.	.3
23344	9.	10.	56.	.3
23345	4.	6.	13.	.1
23346	6.	6.	39.	.1
23347	16.	8.	47.	.2
23348	3.	4.	21.	.3
23349	4.	6.	30.	.1
23350	4.	4.	3.	.4
23351	12.	10.	50.	.3
23352	5.	8.	30.	.2
23353	6.	10.	37.	.3
23354	8.	8.	35.	.3
23355	4.	10.	28.	.4
23356	7.	12.	36.	.2
23357	15.	12.	40.	.4

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23358	14.	10.	66.	.3
23359	11.	12.	49.	.4
23360	6.	10.	46.	.2
23361	16.	8.	49.	.3
23362	20.	10.	67.	.1
23363	4.	4.	8.	.4
23364	5.	4.	13.	.4
23365	20.	8.	60.	.5
23366	7.	6.	31.	.5
23367	20.	10.	71.	.7
23368	16.	8.	67.	.3
23369	7.	4.	12.	.4
23370	9.	6.	31.	.4
23371	6.	6.	22.	.3
23372	5.	4.	13.	.2
23373	5.	8.	32.	.3
23374	13.	6.	60.	.3
23375	12.	4.	38.	.4
23376	10.	4.	52.	.4
23377	16.	8.	130.	.4
23378	32.	8.	121.	.3
23379	28.	10.	112.	.2
23380	22.	8.	151.	.4
23381	18.	10.	90.	.3
23382	21.	10.	82.	.4
23383	10.	12.	49.	.5
23384	13.	6.	28.	.4
23385	6.	2.	30.	.4
23386	7.	10.	30.	.5
23387	6.	4.	8.	.4
23388	20.	8.	68.	.4
23389	6.	4.	17.	.6
23390	10.	8.	41.	.3
23391	10.	10.	36.	.3
23392	4.	4.	11.	.4

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23393	6.	10.	41.	.6
23394	3.	6.	28.	.5
23395	12.	6.	48.	.3
23396	16.	8.	61.	.2
23397	29.	12.	120.	.3
23398	18.	10.	74.	.2
23399	6.	6.	12.	.2
23400	10.	8.	29.	.2
23401	3.	8.	20.	.3
23402	3.	2.	2.	.4
23403	16.	8.	47.	.7
23404	17.	6.	40.	.4
23405	30.	14.	129.	.2
23406	34.	14.	96.	.7
23407	26.	12.	107.	.7
23408	24.	10.	98.	.5
23409	24.	12.	89.	.3
23410	24.	12.	96.	.5
23411	30.	14.	112.	.4
23412	36.	14.	99.	.3
23413	19.	10.	72.	.5
23414	22.	8.	81.	.6
23415	24.	10.	82.	.4
23416	20.	12.	71.	.3
23417	14.	8.	68.	.3
23418	17.	10.	80.	.5
23419	16.	12.	64.	.3
23420	13.	6.	79.	.3
23421	16.	10.	46.	.4
23422	16.	28.	48.	.2
23423	16.	28.	62.	.6
23424	7.	6.	18.	.2
24675	4.	4.	25.	.3
24676	6.	6.	25.	.4
24677	6.	8.	35.	.2

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24678	4.	2.	15.	.3
24678	4.	2.	15.	.2
24680	6.	8.	35.	.3
24681	8.	6.	35.	.2
24682	6.	6.	35.	.3
24683	8.	6.	40.	.4
24684	8.	4.	40.	.4
24685	6.	4.	30.	.3
24686	10.	6.	40.	.3
24687	10.	8.	55.	.3
24688	16.	8.	110.	.3
24689	16.	8.	120.	.3
24690	28.	10.	95.	.6
24691	14.	6.	50.	.3
24692	12.	8.	50.	.4
24693	14.	10.	55.	.3
24694	4.	4.	15.	.6
24695	6.	4.	20.	.2
24696	10.	6.	40.	.2
24697	4.	2.	15.	.3
24698	6.	6.	30.	.3
24699	8.	8.	40.	.3
24700	6.	6.	45.	.2
24701	10.	8.	45.	.3
24702	8.	6.	40.	.4
24703	8.	8.	35.	.2
24704	8.	10.	50.	.5
24705	8.	10.	50.	.2
24706	8.	8.	35.	.2
24707	8.	8.	45.	.2
24708	8.	8.	40.	.3
24709	14.	8.	60.	.4
24710	10.	8.	55.	.3
24711	12.	6.	30.	.2
24712	6.	6.	20.	.2

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24713	8.	10.	30.	.3
24714	14.	4.	45.	.4
24715	16.	4.	40.	.5
24716	6.	8.	30.	.5
24717	8.	8.	30.	.3
24718	6.	2.	10.	.4
24719	8.	4.	25.	.4
24720	6.	4.	40.	.4
24721	10.	4.	40.	.3
24722	10.	6.	90.	.4
24723	10.	6.	70.	.4
24724	10.	8.	50.	.4
24725	8.	6.	40.	.3
24726	8.	8.	40.	.2
24727	6.	8.	40.	.3
24728	8.	8.	40.	.4
24729	8.	4.	30.	.3
24730	8.	8.	40.	.2
24731	12.	8.	45.	.3
24732	10.	10.	40.	.2
24733	10.	10.	45.	.3
24734	10.	10.	50.	.4
24735	8.	6.	40.	.2
24736	8.	8.	50.	.3
24737	10.	6.	50.	.2
24738	10.	8.	40.	.4
24750	20.	10.	100.	.6
24751	12.	6.	65.	.2
24752	14.	10.	85.	.4
24753	10.	6.	45.	.2
24754	12.	8.	75.	.3
24755	16.	8.	90.	.4
24756	44.	10.	100.	.4
24757	14.	8.	80.	.5
24758	16.	8.	65.	.2

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24759	18.	8.	80.	.2
24760	44.	12.	180.	.3
24761	18.	10.	125.	.3
24762	16.	8.	50.	.2
24763	16.	8.	50.	.4
24764	12.	8.	90.	.3
24765	16.	6.	90.	.2
24766	18.	10.	115.	.5
24767	6.	4.	20.	.3
24768	12.	2.	20.	.2
24769	16.	4.	75.	.5
24770	20.	4.	110.	.2
24771	28.	8.	125.	.3
24772	8.	6.	55.	.3
24773	16.	10.	70.	.2
24774	24.	8.	110.	.3
24775	38.	12.	170.	.4
24776	20.	8.	125.	.5
24777	30.	8.	130.	.6
24778	28.	8.	80.	.3
24779	22.	10.	70.	.2
24780	28.	6.	90.	.3
24781	30.	8.	100.	.2
24782	22.	8.	80.	.1
24783	24.	8.	90.	.4
24784	10.	6.	55.	.2
24785	18.	6.	60.	.2
24786	14.	4.	65.	.3
24787	14.	6.	75.	.2
24788	8.	4.	40.	.2
24789	22.	6.	50.	.1
24790	32.	6.	60.	.4
24791	34.	6.	85.	.5
24792	16.	4.	35.	.2
24793	26.	8.	70.	.3

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24794	24.	6.	60.	.2
24795	14.	4.	35.	.1
24796	40.	10.	140.	.4
24797	30.	4.	75.	.1
24798	14.	12.	30.	.3
24799	12.	4.	40.	.2
24800	16.	8.	90.	.1
24801	16.	6.	70.	.4
24802	12.	8.	65.	.4
24803	10.	8.	60.	.3
24804	8.	6.	45.	.2
24805	8.	4.	20.	.2
24806	8.	6.	40.	.4
24807	6.	4.	25.	.2
24808	16.	4.	165.	.3
24809	20.	10.	370.	.4
24810	12.	6.	55.	.3
24811	18.	6.	370.	.4
24812	16.	4.	105.	.2
24813	20.	6.	160.	.1
24814	18.	6.	75.	.4
24815	24.	12.	115.	.3
24816	14.	8.	165.	.2
24817	52.	16.	395.	.3
24826	14.	10.	65.	.2
24827	12.	6.	30.	.1
24828	16.	4.	40.	.4
24829	8.	10.	45.	.2
24830	24.	12.	110.	.3
24831	12.	4.	25.	.3
24832	12.	6.	50.	.3
24833	8.	4.	20.	.2
24834	34.	8.	145.	.4
24835	38.	6.	130.	.2
24836	40.	8.	120.	.4

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24837	30.	8.	90.	.3
24838	54.	10.	120.	.3
24839	178.	12.	130.	.6
24840	38.	12.	135.	.4
24841	18.	4.	75.	.3
24842	24.	8.	80.	.1
24843	20.	6.	80.	.2
24844	18.	4.	90.	.3
24845	16.	4.	65.	.2
24846	18.	8.	85.	.2
24847	36.	8.	115.	.5
24848	12.	14.	45.	.3
24849	8.	2.	30.	.3
24850	10.	4.	35.	.2
24851	10.	8.	30.	.2
24852	22.	10.	65.	.2
24853	20.	8.	45.	.3
24854	12.	6.	40.	.3
24855	14.	2.	40.	.2
24856	30.	8.	85.	.1
24857	22.	8.	65.	.2
24858	20.	8.	110.	.3
24859	18.	8.	80.	.2
24860	20.	6.	30.	.5
24861	8.	4.	35.	.2
24862	12.	6.	55.	.3
24863	16.	6.	45.	.4
24864	4.	2.	10.	.3
24865	10.	10.	55.	.3
24866	26.	8.	70.	.2
24867	10.	8.	50.	.2
24868	4.	6.	10.	.2
24869	4.	2.	5.	.1
24870	12.	4.	20.	.2
24871	16.	6.	45.	.5

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
24872	4.	6.	10.	.4
24873	16.	4.	80.	.3
24874	1.	2.	2.	.3
24875	1.	2.	2.	.1
24876	20.	6.	65.	.3
24877	26.	8.	90.	.2
24878	34.	6.	100.	.2
24879	44.	12.	155.	.7
24880	30.	8.	100.	.2
24881	12.	12.	60.	.2
24882	20.	8.	70.	.2
24883	4.	4.	20.	.2
24884	18.	8.	80.	.3
24885	10.	4.	35.	.1
24886	12.	6.	30.	.3
24887	8.	6.	45.	.3
24888	8.	8.	30.	.2
24889	12.	10.	50.	.3
24890	10.	10.	45.	.3
24891	8.	8.	50.	.3
24892	10.	6.	60.	.3
20100	27.	8.	163.	.7
20101	13.	6.	42.	.3
20102	4.	3.	8.	.4
20103	20.	7.	115.	.5
20104	38.	15.	95.	.9
20105	32.	10.	90.	.5
20106	26.	12.	148.	.3
20107	11.	11.	45.	.6
20108	17.	8.	170.	.6
20109	23.	10.	185.	.4
20110	8.	6.	20.	.6
20111	16.	8.	52.	.4
20112	10.	6.	31.	.4
20113	21.	9.	50.	.5

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20114	17.	8.	78.	.4
20115	14.	7.	56.	.3
20116	22.	10.	71.	.3
20117	4.	3.	20.	.9
20118	4.	5.	32.	.4
20119	4.	6.	10.	.3
20120	2.	6.	6.	.3
20121	10.	7.	28.	.4
20122	1.	3.	2.	.1
20123	11.	6.	10.	.5
20124	5.	6.	41.	.2
20125	16.	10.	58.	.3
20126	11.	6.	41.	.2
20127	6.	14.	25.	.4
20128	4.	4.	2.	.4
20129	10.	6.	22.	.1
20130	6.	11.	38.	.3
20131	5.	6.	31.	.3
20132	6.	3.	26.	.4
20133	6.	8.	45.	.4
20134	8.	7.	37.	.2
20135	3.	6.	17.	.5
20136	3.	7.	9.	.5
20137	6.	8.	38.	.4
20138	8.	11.	38.	.4
20139	9.	9.	39.	.4
20140	10.	10.	58.	.5
20141	2.	8.	20.	.2
20142	8.	8.	75.	.3
20143	2.	4.	4.	.4
20144	10.	8.	64.	.4
20145	5.	9.	29.	.9
20146	9.	6.	28.	.3
20147	17.	5.	40.	.3
20148	10.	8.	40.	.4

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20149	10.	10.	50.	.3
23000	12.	10.	40.	.4
23001	10.	8.	45.	.2
23002	34.	12.	425.	.3
23003	10.	8.	60.	.2
23004	14.	8.	45.	.2
23005	16.	12.	80.	.1
23006	26.	10.	50.	.3
23007	18.	8.	55.	.1
23008	16.	8.	40.	.5
23009	20.	10.	50.	.8
23010	22.	12.	110.	.4
23011	26.	12.	90.	.5
23012	14.	12.	85.	.1
23013	12.	14.	85.	.3
23014	6.	8.	25.	.4
23015	12.	10.	40.	.3
23016	20.	14.	120.	.2
23017	4.	8.	30.	.1
23018	12.	10.	45.	.2
23019	10.	10.	70.	.3
23020	20.	10.	50.	.4
23021	26.	10.	125.	.2
23022	20.	12.	90.	.2
23023	18.	12.	60.	.2
23024	16.	10.	100.	.3
23025	16.	8.	75.	.2
23026	16.	8.	30.	.4
23027	10.	10.	45.	.2
23028	20.	8.	75.	.3
23029	36.	8.	120.	.4
23030	42.	12.	130.	.6
23031	16.	8.	70.	.3
23032	24.	10.	90.	.2
23033	24.	8.	100.	.5

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23034	14.	10.	50.	.1
23035	12.	8.	30.	.3
23036	12.	8.	35.	.2
23037	12.	8.	70.	.1
23038	14.	8.	40.	.1
23039	16.	6.	85.	.2
23040	34.	14.	140.	.5
23041	26.	10.	70.	.1
23042	20.	10.	65.	.3
23043	44.	12.	110.	.8
23044	16.	10.	45.	.3
23045	10.	8.	35.	.1
23046	26.	12.	70.	.6
23047	26.	10.	50.	.8
23048	68.	12.	235.	.1
23049	24.	10.	60.	.1
23050	10.	8.	35.	.3
23051	24.	10.	55.	.7
23052	12.	8.	50.	.4
23053	36.	20.	75.	1.1
23054	12.	8.	60.	.5
23055	22.	16.	60.	.2
23056	10.	8.	35.	.4
23057	22.	6.	20.	.1
23058	20.	8.	50.	.4
23059	12.	4.	25.	.2
23060	12.	8.	40.	.2
23061	10.	6.	20.	.3
23062	10.	6.	30.	.2
23063	30.	10.	70.	.3
23064	12.	6.	35.	.2
23065	14.	6.	50.	.1
23066	16.	8.	25.	.3
23067	18.	8.	50.	.2
23068	8.	8.	20.	.2

Anaconda Canada Exploration Limited

Property Name: Roger Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
23069	20.	12.	70.	.3
23070	22.	12.	50.	.4
23071	20.	8.	65.	.4
23072	26.	8.	85.	.3
23073	16.	6.	60.	.4
23074	24.	18.	70.	.7
23075	12.	4.	40.	.2
23076	8.	6.	30.	.2
23077	14.	8.	60.	.1
23078	24.	8.	95.	.3
23079	16.	10.	50.	.2
23080	24.	8.	60.	.4
23081	36.	10.	205.	.6
23082	20.	8.	130.	.1
23083	32.	10.	160.	.4

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Roger Survey Type: Soils Province: Yukon Territory
Project Code: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Cu	Pb
No of Samples	645	645
Minimum Value	1.00	2.00
Maximum Value	178.00	28.00
Range	177.00	26.00
Median	14.00	8.00
Mode	8.00	8.00
Mean	16.93	8.46
St Deviation	14.70	3.39
Mean + 2SD	46.32	15.25
Coeff Variation	.87	.40
Skewness	4.58	1.08
Kurtosis	35.52	3.39
2.5 Percentile	3.00	3.00
5.0 Percentile	4.00	4.00
16.5 Percentile	6.00	6.00
50.0 Percentile	14.00	8.00
82.2 Percentile	24.00	12.00
90.0 Percentile	30.00	12.00
95.0 Percentile	36.00	14.00
97.5 Percentile	44.00	16.00
99.0 Percentile	68.00	19.00

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Roger Survey Type:Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Zn	Ag
No of Samples	645	645
Minimum Value	2.00	.10
Maximum Value	425.00	1.20
Range	423.00	1.10
Median	52.00	.30
Mode	40.00	.30
Mean	65.37	.34
St Deviation	48.20	.17
Mean + 2SD	161.77	.68
Coeff Variation	.74	.48
Skewness	2.60	1.50
Kurtosis	12.80	3.87
2.5 Percentile	9.00	.10
5.0 Percentile	12.00	.10
16.5 Percentile	29.00	.20
50.0 Percentile	52.00	.30
82.2 Percentile	101.00	.50
90.0 Percentile	125.00	.50
95.0 Percentile	145.00	.70
97.5 Percentile	165.00	.80
99.0 Percentile	235.00	.90

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 3.674 No. Samples: 645

Property Name: Roger Survey Type: Soils Province: Yukon Territory
Project Code: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	2.23	52	*********	8.1	9.9
2	5.91	123	**********	19.1	29.0
3	9.58	123	**********	19.1	48.1
4	13.25	91	**********	14.1	62.2
5	16.93	79	**********	12.2	74.4
6	20.60	52	*********	8.1	82.5
7	24.28	22	****	3.4	85.9
8	27.95	32	*****	5.0	90.9
9	31.63	20	***	3.1	94.0
10	35.30	12	**	1.9	95.8
11	38.97	6	*	.9	96.7
12	42.65	7	*	1.1	97.8
13	46.32	1		.2	98.0
14	50.00	4		.6	98.6
15	53.67	1		.2	98.8
16	57.35	1		.2	98.9
17	61.02	0		.0	98.9
18	64.69	1		.2	99.1
19	68.37	0		.0	99.1
20	72.04	0		.0	99.1
21	75.72	0		.0	99.1
22	79.39	0		.0	99.1
23	83.07	0		.0	99.1
24	86.74	1		.2	99.2
25	90.42	0		.0	99.2

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Time: 14:10:17 Date: : 7:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): .848 No. Samples: 645

Property Name: Roger Survey Type: Soils Province: Yukon Territory
Project Code: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.83	0		.0	.0
2	1.68	14	**	2.2	2.2
3	2.52	5		.8	2.9
4	3.37	67	**********	10.4	13.3
5	4.22	4		.6	14.0
6	5.07	0		.0	14.0
7	5.92	115	**********	17.8	31.8
8	6.77	7	*	1.1	32.9
9	7.61	194	**********	30.1	62.9
10	8.46	8	*	1.2	64.2
11	9.31	105	**********	16.3	80.5
12	10.16	6	*	.9	81.4
13	11.01	0		.0	81.4
14	11.86	65	**********	10.1	91.5
15	12.70	2		.3	91.8
16	13.55	27	*****	4.2	96.0
17	14.40	4		.6	96.6
18	15.25	9	*	1.4	98.0
19	16.10	0		.0	98.0
20	16.94	1		.2	98.1
21	17.79	5		.8	98.9
22	18.64	3		.5	99.4
23	19.49	2		.3	99.7
24	20.34	0		.0	99.7
25	21.19	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 Increment 12.050 No. Samples: 645

Property Name: Roger Survey Type:Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	5.12	40	*******	6.2	7.4
2	17.17	62	***********	9.6	17.1
3	29.22	124	**********************	19.2	36.3
4	41.27	91	****************	14.1	50.4
5	53.32	82	***************	12.7	63.1
6	65.37	47	********	7.3	70.4
7	77.42	36	******	5.6	76.0
8	89.47	41	*******	6.4	82.3
9	101.52	27	*****	4.2	86.5
10	113.57	31	*****	4.8	91.3
11	125.62	19	***	2.9	94.3
12	137.67	8	*	1.2	95.5
13	149.72	9	*	1.4	96.9
14	161.77	8	*	1.2	98.1
15	173.82	2		.3	98.4
16	185.87	2		.3	98.8
17	197.92	1		.2	98.9
18	209.97	0		.0	98.9
19	222.02	0		.0	98.9
20	234.07	2		.3	99.2
21	246.12	0		.0	99.2
22	258.17	0		.0	99.2
23	270.22	0		.0	99.2
24	282.27	1		.2	99.4
25	294.32	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 Increment .100 No. Samples: 645

Property Name: Roger Survey Type:Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.10	193	**********	29.9	29.9
2	.20	187	**********	29.0	58.9
3	.30	143	*******	22.2	81.1
4	.40	62	***	9.6	90.7
5	.50	27	*	4.2	94.9
6	.60	15	*	2.3	97.2
7	.70	7	*	1.1	98.3
8	.80	6	*	.9	99.2
9	.90	0		.0	99.2
10	1.00	1		.2	99.4
11	1.10	2		.3	99.7
12	1.20	2		.3	100.0
13	1.30	0		.0	100.0
14	1.40	0		.0	100.0
15	1.50	0		.0	100.0
16	1.60	0		.0	100.0
17	1.70	0		.0	100.0
18	1.80	0		.0	100.0
19	1.90	0		.0	100.0
20	2.00	0		.0	100.0
21	2.10	0		.0	100.0
22	2.20	0		.0	100.0
23	2.30	0		.0	100.0
24	2.40	0		.0	100.0
25	2.50	0		.0	100.0

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: Roger Survey Type: Soils Province: Yukon Territory
Project Code: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Cu	Pb
No of Samples	645	645
Minimum Value	1.00	2.00
Maximum Value	178.00	28.00
Range	177.00	26.00
Median	14.00	8.00
Mode	8.00	8.00
Mean	13.13	7.79
Log St Dev	.32	.18
Mean + 2SD	56.07	18.23
Coeff Variation	.28	.21
Skewness	-.32	-.77
Kurtosis	.98	1.63
2.5 Percentile	3.00	3.00
5.0 Percentile	4.00	4.00
16.5 Percentile	6.00	6.00
50.0 Percentile	14.00	8.00
82.2 Percentile	24.00	12.00
90.0 Percentile	30.00	12.00
95.0 Percentile	36.00	14.00
97.5 Percentile	44.00	16.00
99.0 Percentile	68.00	19.00

Anaconda Canada Exploration Limited

LOGARITHMIC SUMMARY STATISTICS

Property Name: Roger Survey Type:Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Zn	Ag
No of Samples	645	645
Minimum Value	2.00	.10
Maximum Value	425.00	1.20
Range	423.00	1.10
Median	52.00	.30
Mode	40.00	.30
Mean	50.95	.31
Log St Dev	.33	.21
Mean + 2SD	235.34	.80
Coeff Variation	.19	-.40
Skewness	-25.40	**********
Kurtosis	**********	**********
2.5 Percentile	9.00	.10
5.0 Percentile	12.00	.10
16.5 Percentile	29.00	.20
50.0 Percentile	52.00	.30
82.2 Percentile	101.00	.50
90.0 Percentile	125.00	.50
95.0 Percentile	145.00	.70
97.5 Percentile	165.00	.80
99.0 Percentile	235.00	.90

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .079 No. Samples: 645

Property Name: Roger Survey Type: Soils Province: Yukon Territory
Project Code: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.49	0		.0	.8
2	1.78	7	*	1.1	1.9
3	2.14	0		.0	1.9
4	2.57	8	*	1.2	3.1
5	3.08	0		.0	3.1
6	3.69	34	******	5.3	8.4
7	4.42	10	*	1.6	9.9
8	5.30	45	********	7.0	16.9
9	6.35	8	*	1.2	18.1
10	7.62	70	**********	10.9	29.0
11	9.13	54	**********	8.4	37.4
12	10.95	69	**********	10.7	48.1
13	13.13	36	******	5.6	53.6
14	15.74	90	**********	14.0	67.6
15	18.88	68	**********	10.5	78.1
16	22.63	50	*********	7.8	85.9
17	27.13	38	*******	5.9	91.8
18	32.53	26	****	4.0	95.8
19	39.00	13	**	2.0	97.8
20	46.76	6	*	.9	98.8
21	56.06	1		.2	98.9
22	67.22	1		.2	99.1
23	80.59	1		.2	99.2
24	96.62	2		.3	99.5
25	115.85	2		.3	99.8

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): .046 No. Samples: 645

Property Name: Roger Survey Type: Soils Province: Yukon Territory
Project Code: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	2.17	0		.0	2.2
2	2.42	0		.0	2.2
3	2.69	0		.0	2.2
4	2.99	5		.8	2.9
5	3.33	0		.0	2.9
6	3.70	67	**********	10.4	13.3
7	4.11	0		.0	13.3
8	4.57	4		.6	14.0
9	5.09	0		.0	14.0
10	5.66	115	**********	17.8	31.8
11	6.29	0		.0	31.8
12	7.00	7	*	1.1	32.9
13	7.79	194	**********	30.1	62.9
14	8.66	8	*	1.2	64.2
15	9.63	105	**********	16.3	80.5
16	10.71	6	*	.9	81.4
17	11.91	67	**********	10.4	91.8
18	13.25	27	*****	4.2	96.0
19	14.74	13	**	2.0	98.0
20	16.39	6	*	.9	98.9
21	18.23	5		.8	99.7
22	20.27	0		.0	99.7
23	22.55	0		.0	99.7
24	25.08	0		.0	99.7
25	27.89	2		.3	100.0

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval Increment .083 No. Samples: 645

Property Name: Roger Survey Type:Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	5.13	1		.2	1.4
2	6.21	0		.0	1.4
3	7.52	8	*	1.2	2.6
4	9.11	13	**	2.0	4.7
5	11.03	6	*	.9	5.6
6	13.35	10	*	1.6	7.1
7	16.17	4		.6	7.8
8	19.58	29	*****	4.5	12.2
9	23.70	25	****	3.9	16.1
10	28.70	48	********	7.4	23.6
11	34.75	85	**********	13.2	36.7
12	42.08	80	**********	12.4	49.1
13	50.95	67	**********	10.4	59.5
14	61.69	56	**********	8.7	68.2
15	74.69	67	**********	10.4	78.6
16	90.43	33	******	5.1	83.7
17	109.50	63	**********	9.8	93.5
18	132.58	22	****	3.4	96.9
19	160.53	11	**	1.7	98.6
20	194.36	3		.5	99.1
21	235.34	1		.2	99.2
22	284.94	1		.2	99.4
23	345.01	3		.5	99.8
24	417.74	1		.2	100.0
25	505.80	0		.0	100.0

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

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20800	30.	8.	30.	.6
20801	26.	6.	105.	.3
20802	18.	8.	70.	.6
20803	3.	2.	10.	.3
20804	8.	8.	45.	.3
20805	20.	8.	100.	.6
20806	12.	4.	75.	.2
20807	18.	6.	70.	.4
20808	34.	8.	150.	.8
20809	20.	10.	85.	.6
20810	16.	12.	60.	.6
20811	24.	8.	125.	.3
20812	12.	10.	80.	.4
20813	16.	12.	120.	.7
20814	12.	8.	90.	.4
20815	18.	10.	130.	.5
20816	24.	10.	150.	.5
20817	28.	8.	165.	.6
20818	26.	14.	220.	.4
20819	38.	14.	325.	.3
20820	40.	14.	305.	.9
20821	66.	16.	250.	1.2
20822	54.	18.	345.	.9
20823	36.	10.	190.	.6
20824	38.	12.	235.	.8
20825	76.	22.	255.	.5
20826	18.	6.	105.	.3
20827	28.	8.	105.	.3
20828	24.	10.	90.	.4
20829	12.	6.	40.	.3
20830	20.	6.	45.	.5
20831	20.	8.	85.	.2
20832	28.	12.	125.	.3
20833	14.	4.	60.	.5
20834	24.	6.	80.	.5

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20850	16.	6.	35.	.3
20851	10.	6.	45.	.2
20852	8.	6.	35.	.3
20853	10.	10.	35.	.4
20854	24.	8.	80.	.4
20855	12.	4.	70.	.9
20856	10.	4.	30.	.5
20857	10.	6.	35.	.7
20858	26.	6.	125.	.8
20859	20.	10.	80.	.5
20860	16.	12.	80.	.4
20861	8.	8.	35.	.4
20862	10.	10.	60.	.5
20863	6.	10.	45.	.3
20864	6.	4.	20.	.4
20865	28.	8.	110.	.2
20866	26.	10.	125.	.8
20867	12.	10.	85.	.3
20868	16.	6.	80.	.3
20869	22.	26.	85.	.5
20870	6.	4.	5.	.3
20871	14.	12.	80.	.3
20872	22.	8.	65.	.9
20873	8.	6.	20.	.4
20874	22.	10.	110.	.5
20875	14.	10.	65.	.2
20876	20.	8.	70.	.7
20877	12.	10.	60.	.6
20878	14.	10.	55.	.6
20879	30.	8.	120.	.7
20880	28.	12.	160.	.5
20881	26.	8.	150.	.5
20882	24.	6.	245.	.3
20883	28.	12.	110.	.4
20884	16.	10.	105.	.4

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20885	32.	10.	140.	.3
20886	32.	10.	125.	.5
20887	44.	14.	170.	.7
20888	52.	16.	215.	.8
20889	34.	8.	160.	.5
20890	40.	10.	160.	.4
20891	36.	10.	180.	.8
22375	10.	8.	10.	.3
22376	6.	12.	25.	.2
22377	8.	10.	20.	.3
22378	8.	12.	20.	.3
22379	10.	12.	45.	.4
22380	4.	10.	20.	.5
22381	12.	14.	45.	.4
22382	8.	12.	20.	.5
22383	4.	8.	10.	.3
22384	10.	10.	50.	.6
22385	6.	12.	20.	.4
22386	4.	8.	20.	.3
22387	12.	12.	50.	.3
22388	12.	12.	55.	.4
22389	6.	8.	20.	.4
22390	6.	12.	35.	.4
22391	20.	26.	130.	.4
22392	22.	12.	75.	.4
22393	8.	10.	40.	.6
22394	12.	12.	50.	.3
22395	12.	16.	80.	.5
22396	12.	16.	60.	.5
22397	20.	20.	110.	1.1
22398	10.	12.	40.	.6
22399	12.	10.	45.	.4
22400	12.	8.	40.	.4
22401	6.	6.	10.	.6
22402	10.	12.	70.	.6

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22403	18.	12.	80.	.5
22404	12.	10.	40.	.3
22405	16.	12.	60.	.6
22406	18.	16.	70.	.4
22407	8.	10.	35.	.5
22408	26.	18.	100.	.6
22409	28.	22.	135.	.8
22410	32.	24.	175.	.6
22411	28.	28.	170.	.6
22412	24.	24.	145.	.8
22413	8.	10.	35.	.4
22414	12.	46.	140.	.6
22415	90.	390.	530.	1.0
22416	6.	8.	10.	.6
22417	4.	10.	10.	.4
22418	6.	12.	20.	.8
22419	8.	14.	45.	.2
22420	10.	8.	50.	.5
22421	12.	10.	65.	.6
22422	10.	8.	45.	.4
22423	10.	12.	30.	.5
22424	6.	8.	30.	.6
22425	8.	12.	65.	.5
22426	6.	8.	15.	.6
22427	4.	6.	10.	.3
22428	10.	12.	65.	.5
22429	24.	12.	40.	1.4
22430	12.	8.	30.	1.0
22431	12.	12.	40.	.8
22432	8.	10.	70.	.3
22433	28.	14.	70.	1.1
22434	10.	10.	40.	.5
22435	12.	16.	55.	.4
22436	4.	6.	35.	.6
22437	16.	16.	70.	.6

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22438	12.	8.	55.	.6
22439	14.	14.	75.	.6
22440	8.	4.	20.	.8
22441	10.	8.	25.	.4
22442	20.	12.	60.	.3
22575	8.	8.	25.	.5
22576	4.	4.	15.	.8
22577	10.	10.	20.	.2
22578	14.	8.	105.	.3
22579	7.	8.	28.	.6
22580	19.	18.	155.	.6
22581	16.	14.	105.	.3
22582	42.	22.	450.	1.6
22583	20.	8.	295.	1.0
22584	24.	12.	395.	1.2
22585	19.	16.	70.	1.1
22586	10.	10.	55.	.4
22587	14.	12.	95.	1.0
22588	11.	12.	65.	.9
22589	13.	10.	60.	.6
22590	8.	4.	30.	.5
22591	8.	8.	42.	.7
22592	14.	18.	42.	2.3
22593	10.	14.	55.	.6
22594	14.	16.	65.	.4
22595	8.	12.	50.	1.2
22596	14.	24.	110.	.6
22597	12.	26.	65.	.2
22598	12.	16.	60.	.8
22599	8.	16.	125.	.9
22600	4.	14.	55.	1.0
22601	8.	20.	50.	.8
22602	8.	12.	85.	.9
22603	22.	160.	195.	.4
22604	10.	22.	70.	.1

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22605	11.	66.	55.	.6
22606	16.	32.	120.	.6
22607	13.	14.	60.	.8
22608	8.	8.	20.	.5
22609	11.	10.	40.	.4
22610	9.	6.	35.	.3
22611	16.	8.	125.	1.1
22612	14.	6.	25.	1.8
22700	18.	14.	100.	1.0
22701	28.	18.	80.	.9
22702	12.	6.	40.	.5
22703	14.	10.	50.	.8
22704	42.	26.	100.	.6
22705	28.	18.	95.	.5
22706	36.	18.	90.	.6
22707	28.	14.	90.	.7
22708	32.	18.	100.	.5
22709	28.	18.	80.	.5
22710	18.	8.	30.	.4
22711	36.	24.	110.	.5
22712	10.	6.	20.	.8
22713	10.	4.	20.	.3
22714	20.	6.	20.	.5
22715	32.	24.	85.	.6
22716	8.	10.	35.	.4
22717	34.	24.	105.	.7
22718	16.	12.	50.	.6
22719	12.	8.	45.	.3
22720	10.	6.	45.	.4
22721	10.	8.	20.	.3
22722	8.	8.	30.	.4
22723	10.	10.	40.	.5
22724	4.	4.	10.	.3
22725	1.	2.	2.	.4
22726	4.	10.	35.	.5

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22727	16.	8.	60.	.6
22728	10.	10.	40.	.6
22729	14.	10.	75.	.8
22730	16.	8.	35.	.9
22731	12.	16.	60.	.4
22732	6.	6.	25.	.5
22733	14.	12.	65.	.7
22734	6.	4.	15.	.5
22735	6.	6.	30.	.6
22736	11.	8.	65.	.7
22737	12.	8.	50.	.4
22738	20.	14.	100.	.7
22739	24.	12.	80.	.6
22740	32.	18.	95.	.6
22741	24.	14.	85.	1.0
22742	8.	6.	10.	.5
22743	25.	30.	110.	.8
22744	10.	8.	50.	.6
22745	10.	8.	45.	.3
22746	6.	10.	30.	.5
22747	7.	10.	45.	.4
22748	40.	10.	30.	.8
22749	4.	6.	5.	.3
22750	13.	6.	80.	.6
22751	6.	4.	35.	.7
22752	18.	12.	245.	.6
22753	8.	6.	5.	.8
22754	4.	6.	2.	.8
22755	3.	4.	2.	.6
22756	2.	4.	1.	.7
22757	8.	12.	30.	.1
22758	14.	6.	10.	.5
22759	20.	10.	35.	.6
22760	15.	8.	32.	.7
22761	12.	8.	10.	.6

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22762	10.	4.	12.	.4
22763	6.	8.	30.	.6
22764	13.	4.	5.	.5
22765	7.	18.	37.	.7
22766	20.	4.	15.	.5
22767	4.	10.	15.	.6
22768	6.	8.	18.	.5
22769	10.	10.	50.	.4
22770	6.	4.	5.	.1
22771	8.	10.	40.	.2
22772	8.	8.	40.	.6
22773	8.	10.	25.	.4
22774	4.	2.	2.	.3
22775	13.	10.	30.	.1
22776	10.	8.	32.	.3
22777	9.	10.	57.	.6
22778	11.	10.	42.	.5
22779	6.	8.	30.	.7
22780	8.	12.	38.	.2
22781	1.	4.	2.	.5
22782	7.	8.	45.	.4
22783	11.	16.	62.	1.2
22784	6.	10.	45.	.7
22785	9.	12.	60.	.2
22786	8.	12.	52.	.6
22787	8.	12.	45.	1.0
22788	6.	10.	35.	.9
22789	7.	8.	40.	.6
22790	12.	18.	85.	.5
22791	8.	8.	55.	.4
22792	10.	8.	95.	1.0
22793	12.	24.	95.	.2
22794	7.	6.	20.	.5
22795	7.	4.	15.	.6
22796	2.	6.	1.	.4

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22797	6.	24.	60.	.8
22798	16.	52.	225.	.9
22799	11.	6.	35.	.7
22800	18.	42.	170.	.8
22801	36.	54.	270.	1.0
22802	28.	16.	230.	1.3
22803	8.	6.	85.	.5
22804	10.	8.	55.	.6
22805	4.	2.	10.	.6
22806	4.	4.	5.	.5
22807	20.	8.	90.	.7
22808	6.	4.	15.	.4
22809	12.	12.	80.	.4
22810	4.	4.	15.	.5
22811	6.	6.	40.	.4
22812	8.	16.	65.	.5
22813	6.	8.	45.	.6
22814	8.	10.	55.	.4
22815	4.	8.	35.	.5
22816	8.	12.	25.	.4
22817	4.	8.	15.	.6
22818	4.	6.	20.	.8
22819	4.	8.	20.	.7
22820	6.	10.	25.	.9
22821	12.	12.	55.	.8
22822	10.	12.	70.	.5
22823	4.	8.	15.	.7
22824	2.	12.	40.	.7
22825	4.	10.	30.	.4
22826	8.	12.	40.	.5
22827	6.	10.	30.	.3
22828	8.	12.	50.	.5
22829	6.	8.	60.	.5
22830	6.	12.	45.	.3
22831	4.	12.	40.	.5

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22832	10.	16.	50.	.6
22833	6.	8.	30.	.8
22834	10.	12.	35.	.3
22835	14.	14.	70.	.6
22836	12.	22.	100.	.7
22837	12.	14.	65.	.4
22838	2.	2.	15.	.3
22839	8.	6.	20.	.5
22840	18.	8.	45.	.5
22841	36.	14.	125.	.8
22842	38.	16.	170.	.6
22843	32.	12.	100.	.6
22844	18.	12.	75.	.5
22845	28.	12.	100.	.6
22846	30.	22.	115.	1.0
22847	28.	16.	115.	.7
22848	30.	8.	65.	.6
22849	24.	14.	95.	.7
22850	30.	16.	70.	.7
22851	26.	24.	115.	.6
22852	26.	18.	110.	.7
22853	22.	20.	130.	.6
22854	8.	6.	35.	.5
22855	8.	8.	65.	.3
22856	10.	8.	35.	.6
22857	8.	10.	40.	.4
22858	8.	8.	40.	.5
22859	8.	8.	40.	.4
22860	9.	8.	50.	.4
22861	16.	8.	90.	.4
22862	21.	8.	85.	.6
22863	8.	8.	35.	.4
22864	8.	8.	32.	.5
22865	7.	8.	15.	.6
22866	4.	4.	1.	.5

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22867	6.	16.	25.	.6
22868	6.	14.	40.	.6
22869	8.	8.	35.	.7
22870	4.	10.	28.	.5
22871	4.	8.	20.	.3
22872	4.	8.	20.	.5
22873	6.	6.	35.	.7
22874	6.	8.	10.	.4
22875	6.	8.	25.	.5
22876	8.	12.	42.	.5
22877	8.	8.	75.	.5
22878	8.	8.	35.	.6
22879	21.	10.	20.	1.0
22880	10.	20.	55.	.3
22881	8.	8.	30.	.6
22882	9.	8.	35.	.6
22883	11.	8.	105.	.8
22884	12.	10.	130.	.4
22885	14.	12.	155.	.9
22886	6.	6.	27.	.5
22887	6.	4.	20.	.4
22888	24.	10.	185.	.6
22889	4.	10.	50.	.5
22890	8.	8.	35.	.3
22891	5.	8.	20.	.5
22892	4.	4.	5.	.4
22893	6.	8.	10.	.3
22894	8.	10.	20.	.7
22895	12.	40.	265.	.6
22900	26.	8.	105.	.6
22901	38.	24.	110.	.9
22902	6.	4.	25.	.3
22903	22.	10.	70.	.7
22904	28.	12.	90.	1.1
22905	40.	64.	190.	1.5

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22906	54.	26.	215.	1.4
22907	2.	2.	10.	.3
22908	2.	2.	5.	.4
22909	6.	8.	15.	.3
22910	4.	6.	30.	.4
22911	4.	8.	30.	.4
22912	8.	8.	40.	.4
22913	16.	12.	90.	.6
22914	8.	8.	20.	.5
22915	8.	12.	45.	.6
22916	2.	4.	5.	.4
22917	6.	12.	40.	.7
22918	12.	44.	90.	.9
22919	4.	6.	10.	.5
22920	8.	12.	70.	.7
22921	8.	10.	50.	.5
22922	6.	10.	80.	1.4
22923	4.	10.	35.	.7
22924	4.	8.	35.	.8
22925	4.	8.	70.	.7
22926	10.	10.	50.	.8
22927	20.	16.	105.	1.0
22928	16.	8.	60.	.8
22929	6.	10.	70.	.6
22930	6.	6.	45.	.4
22931	6.	6.	15.	.5
22932	4.	6.	20.	.4
22933	6.	10.	55.	.3
22934	8.	6.	50.	.7
22935	8.	8.	50.	.4
22936	10.	8.	45.	.6
22937	4.	6.	25.	.5
22938	6.	6.	40.	.4
22939	8.	8.	40.	.3
22940	8.	10.	40.	.3

Anaconda Canada Exploration Limited

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22941	4.	4.	15.	.5
22942	4.	6.	25.	.4
22943	6.	6.	20.	.8
22944	6.	8.	50.	.6
22945	2.	2.	5.	.7
22946	8.	6.	60.	.3
22947	24.	12.	70.	.6
22948	12.	8.	50.	.6
22949	12.	8.	55.	.4
22950	14.	6.	50.	.4
22951	8.	8.	45.	.5
22952	8.	6.	25.	.4
22953	12.	8.	55.	.6
22954	10.	6.	45.	.8
22955	10.	6.	50.	.5
22956	8.	4.	20.	.4
22957	12.	8.	45.	.3
22958	14.	10.	60.	.7
22959	16.	8.	65.	.5
22960	12.	8.	6.	.5
22961	10.	38.	270.	.5
22962	15.	36.	185.	.8
22963	8.	12.	70.	.5
22964	14.	18.	55.	1.4
22965	3.	2.	85.	.3
22966	9.	14.	35.	.5

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Cu	Pb
No of Samples	446	446
Minimum Value	1.00	2.00
Maximum Value	90.00	390.00
Range	89.00	388.00
Median	10.00	10.00
Mode	8.00	8.00
Mean	13.99	12.36
St Deviation	10.90	20.72
Mean + 2SD	35.78	53.80
Coeff Variation	.78	1.68
Skewness	2.30	14.58
Kurtosis	8.65	251.75
2.5 Percentile	3.00	4.00
5.0 Percentile	4.00	4.00
16.5 Percentile	6.00	6.00
50.0 Percentile	10.00	10.00
82.2 Percentile	22.00	14.00
90.0 Percentile	28.00	18.00
95.0 Percentile	36.00	24.00
97.5 Percentile	40.00	36.00
99.0 Percentile	54.00	54.00

Time: 15:56:35 Date: 4: 7:1983

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Zn	Ag
No of Samples	446	446
Minimum Value	1.00	.10
Maximum Value	530.00	2.30
Range	529.00	2.20
Median	50.00	.50
Mode	20.00	.60
Mean	68.10	.57
St Deviation	64.54	.25
Mean + 2SD	197.17	1.08
Coeff Variation	.95	.45
Skewness	2.78	1.78
Kurtosis	11.36	6.64
2.5 Percentile	5.00	.20
5.0 Percentile	10.00	.30
16.5 Percentile	20.00	.30
50.0 Percentile	50.00	.50
82.2 Percentile	105.00	.80
90.0 Percentile	130.00	.90
95.0 Percentile	190.00	1.00
97.5 Percentile	250.00	1.20
99.0 Percentile	325.00	1.40

Time: 15:52:47 Date: 4: 7:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 2.724 No. Samples: 446

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.36	13	***	2.9	2.9
2	3.09	41	**********	9.2	12.1
3	5.81	128	**********	28.7	40.8
4	8.54	57	**********	12.8	53.6
5	11.26	48	**********	10.8	64.3
6	13.99	41	**********	9.2	73.5
7	16.71	14	***	3.1	76.7
8	19.44	25	******	5.6	82.3
9	22.16	14	***	3.1	85.4
10	24.88	10	**	2.2	87.7
11	27.61	22	*****	4.9	92.6
12	30.33	7	*	1.6	94.2
13	33.06	3		.7	94.8
14	35.78	10	**	2.2	97.1
15	38.51	4	*	.9	98.0
16	41.23	2		.4	98.4
17	43.96	1		.2	98.7
18	46.68	0		.0	98.7
19	49.40	1		.2	98.9
20	52.13	2		.4	99.3
21	54.85	0		.0	99.3
22	57.58	0		.0	99.3
23	60.30	0		.0	99.3
24	63.03	0		.0	99.3
25	65.75	1		.2	99.6

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Time: 15:52:47 Date: 4: 7:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 5.179 No. Samples: 446

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	2.00	87	**********	19.5	21.5
2	7.18	253	**********	56.7	78.3
3	12.36	43	**********	9.6	87.9
4	17.54	24	******	5.4	93.3
5	22.72	15	****	3.4	96.6
6	27.90	3		.7	97.3
7	33.08	2		.4	97.8
8	38.26	2		.4	98.2
9	43.44	2		.4	98.7
10	48.62	1		.2	98.9
11	53.80	1		.2	99.1
12	58.98	1		.2	99.3
13	64.16	1		.2	99.6
14	69.34	0		.0	99.6
15	74.52	0		.0	99.6
16	79.70	0		.0	99.6
17	84.88	0		.0	99.6
18	90.06	0		.0	99.6
19	95.24	0		.0	99.6
20	100.41	0		.0	99.6
21	105.59	0		.0	99.6
22	110.77	0		.0	99.6
23	115.95	0		.0	99.6
24	121.13	0		.0	99.6
25	126.31	0		.0	99.6

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

Time: 15:56:51 Date: 4: 7:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval Increment 16.134 No. Samples: 446

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	3.56	44	**********	9.9	11.7
2	19.70	102	**************************	22.9	34.5
3	35.83	82	*********************	18.4	52.9
4	51.96	53	**************	11.9	64.8
5	68.10	41	**********	9.2	74.0
6	84.23	35	*********	7.8	81.8
7	100.37	22	*****	4.9	86.8
8	116.50	15	****	3.4	90.1
9	132.63	4	*	.9	91.0
10	148.77	8	**	1.8	92.8
11	164.90	7	*	1.6	94.4
12	181.04	5	*	1.1	95.5
13	197.17	0		.0	95.5
14	213.30	4	*	.9	96.4
15	229.44	4	*	.9	97.3
16	245.57	2		.4	97.8
17	261.71	3		.7	98.4
18	277.84	0		.0	98.4
19	293.97	2		.4	98.9
20	310.11	1		.2	99.1
21	326.24	0		.0	99.1
22	342.38	1		.2	99.3
23	358.51	0		.0	99.3
24	374.64	0		.0	99.3
25	390.78	1		.2	99.6

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval Increment .100 No. Samples: 446

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.10	17	****	3.8	3.8
2	.20	58	**********	13.0	16.8
3	.30	78	**********	17.5	34.3
4	.40	87	**********	19.5	53.8
5	.50	87	**********	19.5	73.3
6	.60	38	**********	8.5	81.8
7	.70	35	*********	7.8	89.7
8	.80	15	****	3.4	93.0
9	.90	0		.0	93.0
10	1.00	13	***	2.9	96.0
11	1.10	5	*	1.1	97.1
12	1.20	4	*	.9	98.0
13	1.30	1		.2	98.2
14	1.40	4	*	.9	99.1
15	1.50	1		.2	99.3
16	1.60	1		.2	99.6
17	1.70	0		.0	99.6
18	1.80	1		.2	99.8
19	1.90	0		.0	99.8
20	2.00	0		.0	99.8
21	2.10	0		.0	99.8
22	2.20	0		.0	99.8
23	2.30	1		.2	100.0
24	2.40	0		.0	100.0
25	2.50	0		.0	100.0

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: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Cu	Pb
No of Samples	446	446
Minimum Value	1.00	2.00
Maximum Value	90.00	390.00
Range	89.00	388.00
Median	10.00	10.00
Mode	8.00	8.00
Mean	10.94	9.72
Log St Dev	.31	.25
Mean + 2SD	44.71	31.09
Coeff Variation	.29	.26
Skewness	21.12**********	
Kurtosis	**********	5.41
2.5 Percentile	3.00	4.00
5.0 Percentile	4.00	4.00
16.5 Percentile	6.00	6.00
50.0 Percentile	10.00	10.00
82.2 Percentile	22.00	14.00
90.0 Percentile	28.00	18.00
95.0 Percentile	36.00	24.00
97.5 Percentile	40.00	36.00
99.0 Percentile	54.00	54.00

Anaconda Canada Exploration Limited

LOGARITHMIC SUMMARY STATISTICS

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Zn	Ag
No of Samples	446	446
Minimum Value	1.00	.10
Maximum Value	530.00	2.30
Range	529.00	2.20
Median	50.00	.50
Mode	20.00	.60
Mean	46.56	.52
Log St Dev	.42	.19
Mean + 2SD	315.34	1.23
Coeff Variation	.25	-.66
Skewness	-1.16	-.21
Kurtosis	3.96	1.15
2.5 Percentile	5.00	.20
5.0 Percentile	10.00	.30
16.5 Percentile	20.00	.30
50.0 Percentile	50.00	.50
82.2 Percentile	105.00	.80
90.0 Percentile	130.00	.90
95.0 Percentile	190.00	1.00
97.5 Percentile	250.00	1.20
99.0 Percentile	325.00	1.40

Time: 15:52:51 Date: 4· 7:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .076 No. Samples: 446

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.32	0		.0	.4
2	1.58	0		.0	.4
3	1.88	8	**	1.8	2.2
4	2.24	0		.0	2.2
5	2.68	3		.7	2.9
6	3.19	0		.0	2.9
7	3.81	40	**********	9.0	11.9
8	4.54	1		.2	12.1
9	5.41	51	*************	11.4	23.5
10	6.45	8	**	1.8	25.3
11	7.69	75	**********	16.8	42.2
12	9.17	43	**********	9.6	51.8
13	10.94	56	**********	12.6	64.3
14	13.04	22	*****	4.9	69.3
15	15.55	31	********	7.0	76.2
16	18.55	27	*******	6.1	82.3
17	22.12	24	******	5.4	87.7
18	26.37	22	*****	4.9	92.6
19	31.44	16	****	3.6	96.2
20	37.50	11	**	2.5	98.7
21	44.71	1		.2	98.9
22	53.31	2		.4	99.3
23	63.57	1		.2	99.6
24	75.80	2		.4	100.0
25	90.39	0		.0	100.0

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

Time: 15:52:51 Date: 4· 7:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .063 No. Samples: 446

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.70	0		.0	.0
2	1.96	9	**	2.0	2.0
3	2.27	0		.0	2.0
4	2.63	0		.0	2.0
5	3.04	0		.0	2.0
6	3.51	31	********	7.0	9.0
7	4.06	0		.0	9.0
8	4.70	0		.0	9.0
9	5.43	56	**************	12.6	21.5
10	6.28	0		.0	21.5
11	7.26	112	******************************	25.1	46.6
12	8.40	0		.0	46.6
13	9.72	76	********************	17.0	63.7
14	11.24	65	*****************	14.6	78.3
15	12.99	22	*****	4.9	83.2
16	15.03	21	*****	4.7	87.9
17	17.38	18	****	4.0	91.9
18	20.10	6	*	1.3	93.3
19	23.24	15	****	3.4	96.6
20	26.88	2		.4	97.1
21	31.08	1		.2	97.3
22	35.95	3		.7	98.0
23	41.57	3		.7	98.7
24	48.08	2		.4	99.1
25	55.60	1		.2	99.3

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

Time: 15:56:55 Date: 4: 7:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval Increment .104 No. Samples: 446

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	2.64	0		.0	1.8
2	3.35	0		.0	1.8
3	4.26	10	**	2.2	4.0
4	5.41	1		.2	4.3
5	6.87	0		.0	4.3
6	8.73	16	****	3.6	7.8
7	11.09	1		.2	8.1
8	14.08	15	****	3.4	11.4
9	17.89	32	********	7.2	18.6
10	22.72	17	****	3.8	22.4
11	28.86	54	**************	12.1	34.5
12	36.66	59	***************	13.2	47.8
13	46.56	42	**********	9.4	57.2
14	59.13	60	****************	13.5	70.6
15	75.11	41	**********	9.2	79.8
16	95.40	34	*********	7.6	87.4
17	121.17	19	*****	4.3	91.7
18	153.90	17	****	3.8	95.5
19	195.47	8	**	1.8	97.3
20	248.27	7	*	1.6	98.9
21	315.34	3		.7	99.6
22	400.52	1		.2	99.8
23	508.71	1		.2	100.0
24	646.12	0		.0	100.0
25	820.66	0		.0	100.0

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

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval Increment .100 No. Samples: 446

Property Name: Main Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.26	6	*	1.3	99.3
2	1.58	2		.4	99.8
3	2.00	1		.2	100.0
4	2.51	0		.0	100.0
5	3.16	0		.0	100.0
6	3.98	0		.0	100.0
7	5.01	0		.0	100.0
8	6.31	0		.0	100.0
9	7.94	0		.0	100.0
10	10.00	0		.0	100.0
11	12.59	0		.0	100.0
12	15.85	0		.0	100.0
13	19.95	0		.0	100.0
14	25.12	0		.0	100.0
15	31.62	0		.0	100.0
16	39.81	0		.0	100.0
17	50.12	0		.0	100.0
18	63.09	0		.0	100.0
19	79.43	0		.0	100.0
20	100.00	0		.0	100.0
21	125.89	0		.0	100.0
22	158.49	0		.0	100.0
23	199.52	0		.0	100.0
24	251.18	0		.0	100.0
25	316.22	0		.0	100.0

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

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18700	16.	8.	40.	.5
18701	16.	4.	30.	.6
18702	6.	4.	20.	.4
18703	4.	6.	35.	.3
18704	4.	8.	25.	.3
18705	10.	8.	50.	.2
18706	2.	4.	2.	.4
18707	8.	8.	55.	.4
18708	10.	8.	30.	.3
18709	10.	4.	10.	.5
18710	20.	4.	15.	.3
18711	4.	2.	5.	.2
18712	12.	4.	5.	.2
18713	14.	8.	50.	.5
18714	18.	8.	60.	.4
18715	8.	2.	10.	.3
18716	10.	2.	15.	.4
18717	10.	4.	40.	.3
18718	4.	4.	5.	.2
18719	4.	2.	10.	.3
18720	28.	4.	80.	.5
18721	22.	6.	50.	.6
18722	6.	6.	10.	.3
18723	10.	4.	30.	.4
18724	8.	6.	30.	.4
18725	12.	4.	15.	.3
18726	20.	2.	20.	.8
18727	44.	10.	40.	.7
18728	20.	4.	40.	.2
18729	12.	2.	110.	.5
18730	4.	4.	10.	.2
18731	24.	8.	85.	.4
18732	22.	6.	35.	.3
18733	36.	6.	60.	.4
18734	12.	4.	15.	.4

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18735	28.	8.	50.	.6
18736	16.	6.	40.	.2
18737	18.	4.	40.	.5
18738	54.	4.	80.	.3
18739	24.	8.	45.	.1
18740	8.	6.	5.	.3
18741	10.	2.	30.	.2
18742	6.	4.	15.	.4
18743	12.	4.	15.	.3
18744	8.	2.	5.	.2
18745	6.	4.	10.	.3
18746	16.	6.	20.	.3
18747	18.	6.	50.	.4
18748	6.	4.	20.	.5
18749	18.	6.	60.	.4
18750	18.	8.	75.	.3
18751	16.	6.	70.	.5
18752	14.	4.	55.	.5
18753	16.	4.	55.	.4
18754	8.	4.	50.	.4
18755	14.	4.	70.	.3
18756	16.	8.	55.	.2
18757	16.	8.	60.	.4
18758	12.	6.	70.	.3
18759	4.	6.	35.	.5
18760	12.	10.	85.	.3
18761	10.	6.	35.	.5
18762	18.	10.	70.	.4
18763	16.	6.	80.	.2
18764	8.	6.	55.	.4
18765	12.	8.	85.	.5
18766	10.	8.	130.	.2
18767	10.	10.	130.	.3
18768	22.	10.	80.	.5
18769	18.	8.	470.	.5

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18770	16.	10.	145.	.3
18771	22.	10.	170.	.4
18772	20.	8.	165.	.4
18773	26.	8.	170.	.4
18774	16.	8.	130.	.2
18775	20.	10.	150.	.8
18776	28.	12.	120.	.6
18777	12.	20.	60.	.2
18778	6.	20.	85.	.4
18779	20.	28.	120.	.6
18780	22.	26.	120.	.8
18781	60.	38.	165.	1.0
18782	26.	22.	125.	.6
18783	8.	6.	45.	.5
18784	8.	4.	20.	.3
18785	16.	10.	60.	.2
18786	12.	8.	70.	.1
18787	20.	4.	75.	.6
18788	18.	8.	70.	.7
18789	16.	10.	55.	.4
18790	20.	8.	50.	.6
18791	12.	6.	10.	.3
18792	4.	2.	5.	.4
18793	14.	8.	20.	.5
18794	12.	6.	35.	.5
18795	28.	8.	60.	.9
18796	12.	4.	40.	.6
18797	8.	8.	35.	.2
18798	4.	4.	10.	.5
18799	30.	8.	130.	.4
18800	6.	10.	40.	.4
18801	14.	8.	60.	.2
18802	8.	8.	20.	.9
18803	38.	24.	155.	1.0
18804	2.	4.	2.	.3

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
18805	4.	4.	10.	.5
18806	8.	8.	45.	.3
18807	1.	10.	30.	.2
18808	8.	6.	15.	.2
18809	8.	10.	25.	.1
18810	12.	8.	30.	.5
18811	2.	4.	20.	.4
18812	12.	12.	60.	.1
18813	4.	10.	55.	.2
18814	4.	12.	35.	.4
18815	8.	16.	85.	.5
22000	10.	10.	60.	.1
22001	8.	4.	30.	.2
22002	8.	8.	20.	.2
22003	4.	10.	40.	.3
22004	4.	4.	10.	.1
22005	6.	10.	45.	.1
22006	4.	10.	35.	.1
22007	10.	10.	65.	.4
22008	8.	12.	55.	.5
22009	14.	4.	60.	.5
22010	2.	4.	5.	.3
22011	6.	6.	40.	.2
22012	18.	8.	95.	.2
22013	10.	4.	25.	.5
22014	6.	4.	25.	.3
22015	12.	6.	60.	.2
22016	8.	2.	5.	.3
22017	4.	4.	5.	.2
22018	12.	4.	10.	.2
22019	8.	4.	5.	.4
22020	16.	6.	20.	.2
22021	14.	4.	5.	.4
22022	12.	4.	25.	.3
22023	24.	8.	45.	.5

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22024	14.	6.	45.	.9
22025	26.	4.	75.	.8
22026	8.	4.	20.	.3
22027	16.	8.	80.	.4
22028	16.	4.	65.	.3
22029	20.	4.	30.	.4
22030	18.	4.	35.	.5
22031	32.	8.	40.	.5
22032	4.	4.	5.	.2
22033	2.	2.	2.	.2
22034	14.	8.	50.	.2
22035	6.	4.	15.	.1
22036	38.	12.	75.	.2
22037	2.	2.	2.	.3
22038	18.	10.	75.	.2
22039	12.	8.	40.	.3
22040	12.	8.	30.	.4
22041	6.	6.	25.	.6
22042	10.	8.	40.	.2
22043	2.	4.	5.	.4
22044	8.	6.	35.	.5
22045	10.	8.	50.	.2
22046	12.	6.	45.	.4
22047	12.	6.	40.	.2
22048	8.	4.	30.	.3
22049	6.	8.	20.	.4
22050	10.	6.	35.	.6
22051	10.	6.	20.	.2
22052	8.	4.	10.	.2
22053	4.	2.	2.	.2
22054	6.	6.	15.	.2
22055	4.	6.	40.	.2
22056	2.	4.	2.	.4
22057	4.	4.	10.	.2
22058	10.	6.	35.	.4

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22059	12.	6.	80.	.4
22060	8.	4.	20.	.3
22061	4.	4.	20.	.1
22062	4.	2.	3.	.2
22063	10.	6.	25.	.3
22064	16.	4.	95.	.3
22065	20.	6.	110.	.6
22066	20.	8.	125.	.4
22067	20.	20.	165.	.4
22068	40.	24.	250.	.7
22069	18.	18.	165.	.5
22070	36.	14.	160.	.6
22071	36.	32.	200.	.9
22072	16.	10.	100.	.3
22073	20.	14.	120.	.6
22074	10.	10.	55.	.3
22075	26.	20.	125.	.6
22076	24.	22.	155.	.4
22077	24.	14.	120.	.6
22078	20.	24.	130.	.5
22079	12.	14.	85.	.6
22080	16.	18.	110.	.7
22081	22.	32.	160.	.8
22082	14.	16.	140.	.4
22083	26.	22.	140.	.8
22084	12.	24.	90.	.6
22085	10.	6.	55.	.3
22086	4.	6.	35.	.1
22087	4.	4.	20.	.8
22088	18.	18.	140.	.4
22089	24.	36.	180.	.2
22090	42.	46.	130.	.6
22091	32.	50.	140.	.6
22092	6.	4.	10.	.4
22093	26.	42.	155.	.5

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22094	24.	64.	140.	.5
22095	4.	4.	10.	.1
22096	8.	4.	35.	.4
22097	10.	8.	35.	.5
22098	2.	4.	5.	.3
22099	8.	6.	15.	.7
22100	6.	6.	20.	.5
22101	18.	10.	80.	.3
22102	16.	8.	65.	.4
22103	8.	8.	20.	.2
22104	4.	10.	40.	.2
22105	10.	14.	50.	1.1
22106	4.	10.	20.	.3
22107	4.	10.	35.	.2
22108	4.	10.	35.	.2
22109	8.	18.	60.	.7
22110	8.	14.	70.	.5
22111	4.	12.	40.	.5
22112	4.	10.	30.	.3
22113	4.	10.	60.	.3
22114	4.	6.	20.	.5
22115	8.	4.	10.	.2
22116	4.	12.	40.	.4
22117	6.	2.	10.	.2
22118	6.	14.	45.	.5
22119	8.	10.	35.	.3
22120	6.	14.	45.	.4
22121	4.	6.	25.	.3
22122	10.	4.	5.	.2
22123	2.	4.	5.	.3
22124	16.	10.	40.	.5
22125	4.	4.	15.	.6
22126	4.	6.	30.	.3
22127	4.	4.	20.	.2
22128	6.	6.	10.	.6

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22129	8.	6.	15.	.4
22130	4.	8.	30.	.4
22131	6.	10.	35.	.4
22132	8.	8.	10.	.8
22133	8.	8.	25.	.8
22134	6.	6.	35.	.3
22135	14.	10.	50.	.6
22136	26.	12.	100.	.3
22137	10.	8.	50.	.4
22138	44.	12.	130.	.6
22139	34.	8.	110.	.5
22140	8.	10.	30.	.2
22141	12.	8.	55.	.2
22142	12.	10.	30.	.4
22143	14.	8.	40.	.2
22144	6.	6.	10.	.3
22145	8.	4.	15.	.3
22146	12.	8.	35.	.4
22147	10.	8.	40.	.3
22148	4.	2.	2.	.2
22149	10.	6.	35.	.3
22150	8.	8.	20.	.1
22151	6.	8.	50.	.4
22152	2.	2.	5.	.4
22153	10.	12.	35.	.2
22154	6.	6.	25.	.2
22155	18.	10.	75.	.2
22156	8.	10.	45.	.4
22157	8.	4.	40.	.4
22158	10.	8.	20.	.5
22159	8.	4.	15.	.3
22160	12.	4.	5.	.4
22161	40.	8.	85.	1.0
22162	22.	6.	55.	.1
22163	20.	4.	40.	.4

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22164	12.	8.	65.	.3
22165	20.	8.	40.	.4
22166	14.	8.	40.	.3
22167	6.	4.	25.	.1
22168	8.	6.	40.	.4
22169	22.	4.	50.	.6
22170	16.	8.	55.	.2
22171	6.	6.	60.	.3
22172	10.	4.	20.	.3
22173	12.	8.	40.	.3
22174	52.	6.	45.	.8
22175	14.	8.	60.	.2
22176	12.	10.	40.	.2
22177	12.	4.	50.	.4
22178	14.	4.	45.	.3
22179	28.	10.	100.	1.0
22180	20.	4.	55.	.8
22181	20.	8.	60.	.4
22182	20.	10.	75.	.5
22183	28.	8.	75.	.6
22184	28.	8.	65.	.4
22185	10.	6.	20.	.5
22186	12.	4.	20.	.3
22187	8.	8.	40.	.3
22188	24.	6.	80.	.7
22189	12.	8.	65.	.4
22190	22.	12.	120.	.2
22191	28.	10.	130.	.5
22192	26.	10.	140.	.3
22193	38.	10.	160.	.5
22194	12.	8.	70.	.1
22195	34.	10.	95.	.8
22196	10.	6.	10.	.1
22197	30.	10.	60.	.6
22198	14.	8.	40.	.4

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22199	14.	12.	65.	.5
22200	20.	12.	85.	.6
22201	12.	6.	60.	.3
22202	16.	8.	40.	.4
22203	18.	8.	50.	.4
22204	18.	8.	50.	.4
22205	28.	12.	75.	.6
22206	30.	10.	80.	.5
22207	38.	8.	200.	.8
22208	24.	8.	110.	.5
22209	24.	6.	70.	.4
22210	30.	10.	95.	.5
22211	8.	6.	20.	.4
22212	8.	4.	35.	.4
22213	12.	8.	40.	.2
22214	10.	8.	70.	.4
22215	8.	8.	35.	.3
22216	6.	8.	30.	.2
22217	28.	12.	60.	.6
22218	2.	8.	25.	.4
22219	14.	8.	45.	.3
22220	30.	8.	95.	.6
22221	22.	6.	85.	.5
22222	16.	12.	75.	.3
22223	28.	6.	65.	.4
22224	22.	12.	75.	.2
22225	16.	10.	70.	.3
22226	22.	8.	90.	.5
22227	20.	4.	85.	.4
22228	18.	10.	70.	.4
22229	44.	12.	135.	.6
22230	24.	4.	150.	.3
22231	30.	4.	155.	.4
22232	18.	6.	90.	.4
22233	12.	6.	85.	.5

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22234	12.	6.	35.	.2
22235	12.	8.	55.	.3
22236	8.	6.	60.	.3
22237	8.	6.	50.	.3
22238	8.	6.	55.	.3
22239	14.	4.	70.	.2
22240	10.	4.	70.	.3
22241	8.	6.	35.	.2
22242	30.	6.	130.	.6
22243	22.	8.	95.	.8
22244	24.	8.	100.	.4
22245	10.	6.	35.	.5
22246	44.	12.	135.	1.1
22247	30.	8.	65.	.6
22248	20.	8.	60.	.2
22249	12.	4.	5.	.3
22250	14.	6.	80.	.2
22251	18.	8.	85.	.3
22252	6.	10.	45.	.1
22253	6.	6.	40.	.1
22254	6.	4.	35.	.4
22255	10.	8.	50.	.2
22256	10.	6.	30.	.5
22257	8.	8.	55.	.5
22258	12.	4.	15.	.1
22259	12.	4.	35.	.2
22260	12.	4.	40.	.2
22261	10.	4.	35.	.2
22262	10.	8.	40.	.2
22263	14.	6.	35.	.2
22264	12.	4.	30.	.2
22265	24.	10.	130.	.2
22266	16.	8.	75.	.4
22267	18.	6.	40.	.2
22268	22.	12.	100.	.5

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22269	12.	4.	30.	.3
22270	10.	6.	55.	.2
22271	14.	8.	90.	.3
22272	12.	6.	25.	.2
22273	12.	4.	50.	.3
22274	24.	10.	50.	.2
22275	2.	4.	2.	.2
22276	16.	8.	45.	.3
22277	6.	4.	25.	.6
22278	12.	10.	20.	.3
22279	6.	4.	2.	.3
22280	14.	6.	10.	.3
22281	36.	8.	100.	.2
22282	30.	12.	100.	.5
22283	34.	8.	90.	.2
22284	12.	4.	40.	.3
22285	10.	4.	20.	.8
22286	38.	14.	130.	.6
22287	38.	12.	160.	.7
22288	4.	4.	10.	.3
22289	4.	4.	10.	.2
22290	50.	14.	135.	.5
22291	38.	12.	90.	.2
22292	18.	10.	40.	.7
22300	8.	6.	30.	.6
22301	6.	8.	30.	.6
22302	8.	10.	40.	.5
22303	6.	8.	20.	1.1
22304	10.	12.	40.	1.2
22305	8.	4.	20.	1.2
22306	12.	14.	50.	1.5
22307	8.	10.	20.	1.4
22308	20.	12.	30.	1.6
22309	8.	6.	20.	1.0
22310	12.	10.	40.	1.3

Anaconda Canada Exploration Limited

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
22311	16.	10.	50.	1.1
22312	16.	10.	65.	1.2
22313	14.	10.	55.	.6
22314	16.	10.	70.	1.0
22315	12.	8.	40.	.3
22316	16.	10.	50.	.5
22317	20.	12.	100.	.5
22318	30.	14.	90.	1.1
22319	8.	6.	35.	.4
22320	16.	10.	60.	.5
22321	14.	8.	70.	.6
22322	10.	6.	60.	.4
22818	6.	2.	5.	.3
22819	4.	2.	15.	.3
22820	20.	6.	40.	.3

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Cu	Pb
No of Samples	435	435
Minimum Value	1.00	2.00
Maximum Value	60.00	64.00
Range	59.00	62.00
Median	12.00	8.00
Mode	8.00	8.00
Mean	14.38	8.31
St Deviation	9.73	6.35
Mean + 2SD	33.84	21.01
Coeff Variation	.68	.76
Skewness	1.42	4.04
Kurtosis	2.42	23.65
2.5 Percentile	2.00	2.00
5.0 Percentile	4.00	4.00
16.5 Percentile	6.00	4.00
50.0 Percentile	12.00	8.00
82.2 Percentile	22.00	10.00
90.0 Percentile	28.00	12.00
95.0 Percentile	34.00	18.00
97.5 Percentile	38.00	24.00
99.0 Percentile	44.00	38.00

Time: 14:29:53 Date: 4: 7:1983

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Zn	Ag
No of Samples	435	435
Minimum Value	2.00	.10
Maximum Value	470.00	1.60
Range	468.00	1.50
Median	45.00	.40
Mode	40.00	.30
Mean	55.98	.41
St Deviation	46.49	.23
Mean + 2SD	148.97	.88
Coeff Variation	.83	.56
Skewness	2.51	1.66
Kurtosis	14.47	4.02
2.5 Percentile	5.00	.10
5.0 Percentile	5.00	.20
16.5 Percentile	20.00	.20
50.0 Percentile	45.00	.40
82.2 Percentile	85.00	.60
90.0 Percentile	125.00	.70
95.0 Percentile	140.00	.80
97.5 Percentile	160.00	1.10
99.0 Percentile	180.00	1.20

Time: 13:37:24 Date: 4: 7:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 2.433 No. Samples: 435

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	2.22	43	**********	9.9	13.1
2	4.65	36	*********	8.3	21.4
3	7.09	57	**********	13.1	34.5
4	9.52	43	**********	9.9	44.4
5	11.95	79	**********	18.2	62.5
6	14.38	32	********	7.4	69.9
7	16.82	22	******	5.1	74.9
8	19.25	25	******	5.7	80.7
9	21.68	28	*******	6.4	87.1
10	24.11	8	**	1.8	89.0
11	26.55	11	***	2.5	91.5
12	28.98	10	**	2.3	93.8
13	31.41	2		.5	94.3
14	33.84	7	*	1.6	95.9
15	36.28	7	*	1.6	97.5
16	38.71	2		.5	97.9
17	41.14	1		.2	98.2
18	43.57	4	*	.9	99.1
19	46.01	0		.0	99.1
20	48.44	1		.2	99.3
21	50.87	1		.2	99.5
22	53.30	1		.2	99.8
23	55.74	0		.0	99.8
24	58.17	1		.2	100.0
25	60.60	0		.0	100.0

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): 1.587 No. Samples: 435

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.38	0		.0	.0
2	1.97	19	*****	4.4	4.4
3	3.55	102	**********	23.4	27.8
4	5.14	84	**********	19.3	47.1
5	6.73	102	**********	23.4	70.6
6	8.31	0		.0	70.6
7	9.90	63	**********	14.5	85.1
8	11.49	26	*******	6.0	91.0
9	13.07	12	***	2.8	93.8
10	14.66	2		.5	94.3
11	16.25	0		.0	94.3
12	17.83	4	*	.9	95.2
13	19.42	4	*	.9	96.1
14	21.01	3		.7	96.8
15	22.59	4	*	.9	97.7
16	24.18	0		.0	97.7
17	25.77	1		.2	97.9
18	27.35	1		.2	98.2
19	28.94	0		.0	98.2
20	30.53	2		.5	98.6
21	32.12	0		.0	98.6
22	33.70	0		.0	98.6
23	35.29	1		.2	98.9
24	36.88	1		.2	99.1
25	38.46	0		.0	99.1

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

Time: 14:30:10 Date: 4: 7:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval Increment 11.624 No. Samples: 435

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	9.48	73	**********	16.8	23.7
2	21.11	37	**********	8.5	32.2
3	32.73	76	**********	17.5	49.7
4	44.36	58	**********	13.3	63.0
5	55.98	34	*********	7.8	70.8
6	67.60	28	*******	6.4	77.2
7	79.23	29	*******	6.7	83.9
8	90.85	14	***	3.2	87.1
9	102.47	5	*	1.1	88.3
10	114.10	9	**	2.1	90.3
11	125.72	14	***	3.2	93.6
12	137.34	7	*	1.6	95.2
13	148.97	10	**	2.3	97.5
14	160.59	6	*	1.4	98.9
15	172.22	1		.2	99.1
16	183.84	0		.0	99.1
17	195.46	2		.5	99.5
18	207.09	0		.0	99.5
19	218.71	0		.0	99.5
20	230.33	0		.0	99.5
21	241.96	1		.2	99.8
22	253.58	0		.0	99.8
23	265.20	0		.0	99.8
24	276.83	0		.0	99.8
25	288.45	0		.0	99.8

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

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval Increment .100 No. Samples: 435

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.10	108	******************************	24.8	24.8
2	.20	92	*************************	21.1	46.0
3	.30	87	************************	20.0	66.0
4	.40	62	*****************	14.3	80.2
5	.50	40	***********	9.2	89.4
6	.60	9	**	2.1	91.5
7	.70	15	****	3.4	94.9
8	.80	4	*	.9	95.9
9	.90	0		.0	95.9
10	1.00	6	*	1.4	97.2
11	1.10	5	*	1.1	98.4
12	1.20	3		.7	99.1
13	1.30	1		.2	99.3
14	1.40	1		.2	99.5
15	1.50	1		.2	99.8
16	1.60	1		.2	100.0
17	1.70	0		.0	100.0
18	1.80	0		.0	100.0
19	1.90	0		.0	100.0
20	2.00	0		.0	100.0
21	2.10	0		.0	100.0
22	2.20	0		.0	100.0
23	2.30	0		.0	100.0
24	2.40	0		.0	100.0
25	2.50	0		.0	100.0

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: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Cu	Pb
No of Samples	435	435
Minimum Value	1.00	2.00
Maximum Value	60.00	64.00
Range	59.00	62.00
Median	12.00	8.00
Mode	8.00	8.00
Mean	11.49	6.99
Log St Dev	.30	.24
Mean + 2SD	46.65	21.39
Coeff Variation	.29	.29
Skewness	.05	.31
Kurtosis	-.13	1.41
2.5 Percentile	2.00	2.00
5.0 Percentile	4.00	4.00
16.5 Percentile	6.00	4.00
50.0 Percentile	12.00	8.00
82.2 Percentile	22.00	10.00
90.0 Percentile	28.00	12.00
95.0 Percentile	34.00	18.00
97.5 Percentile	38.00	24.00
99.0 Percentile	44.00	38.00

Anaconda Canada Exploration Limited

LOGARITHMIC SUMMARY STATISTICS

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Zn	Ag
No of Samples	435	435
Minimum Value	2.00	.10
Maximum Value	470.00	1.60
Range	468.00	1.50
Median	45.00	.40
Mode	40.00	.30
Mean	39.04	.36
Log St Dev	.42	.23
Mean + 2SD	265.35	1.05
Coeff Variation	.26	-.53
Skewness	**********	**********
Kurtosis	**********	.15
2.5 Percentile	5.00	.10
5.0 Percentile	5.00	.20
16.5 Percentile	20.00	.20
50.0 Percentile	45.00	.40
82.2 Percentile	85.00	.60
90.0 Percentile	125.00	.70
95.0 Percentile	140.00	.80
97.5 Percentile	160.00	1.10
99.0 Percentile	180.00	1.20

Time: 13:37:28 Date: 4: 7:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .076 No. Samples: 435

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.40	0		.0	.2
2	1.67	0		.0	.2
3	1.99	13	***	3.0	3.2
4	2.37	0		.0	3.2
5	2.83	0		.0	3.2
6	3.37	43	**********	9.9	13.1
7	4.02	0		.0	13.1
8	4.79	0		.0	13.1
9	5.70	36	*********	8.3	21.4
10	6.79	57	**********	13.1	34.5
11	8.09	0		.0	34.5
12	9.64	43	**********	9.9	44.4
13	11.49	54	**********	12.4	56.8
14	13.69	57	**********	13.1	69.9
15	16.31	22	******	5.1	74.9
16	19.43	39	**********	9.0	83.9
17	23.15	22	******	5.1	89.0
18	27.58	23	******	5.3	94.3
19	32.86	14	***	3.2	97.5
20	39.16	7	*	1.6	99.1
21	46.65	3		.7	99.8
22	55.59	1		.2	100.0
23	66.23	0		.0	100.0
24	78.91	0		.0	100.0
25	94.01	0		.0	100.0

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): .061 No. Samples: 435

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/1
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.31	0		.0	.0
2	1.50	0		.0	.0
3	1.73	0		.0	.0
4	1.99	19	*****	4.4	4.4
5	2.28	0		.0	4.4
6	2.63	0		.0	4.4
7	3.02	0		.0	4.4
8	3.48	0		.0	4.4
9	4.00	102	**********	23.4	27.8
10	4.60	0		.0	27.8
11	5.29	84	**********	19.3	47.1
12	6.08	0		.0	47.1
13	6.99	102	**********	23.4	70.6
14	8.04	0		.0	70.6
15	9.25	63	**********	14.5	85.1
16	10.63	26	*******	6.0	91.0
17	12.23	12	***	2.8	93.8
18	14.06	2		.5	94.3
19	16.17	4	*	.9	95.2
20	18.60	4	*	.9	96.1
21	21.39	7	*	1.6	97.7
22	24.60	2		.5	98.2
23	28.29	2		.5	98.6
24	32.54	1		.2	98.9
25	37.42	2		.5	99.3

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Time: 14:30:16 Date: 4: 7:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval Increment .104 No. Samples: 435

Property Name: Scooter Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	2.20	0		.0	2.1
2	2.80	1		.2	2.3
3	3.56	0		.0	2.3
4	4.52	20	*****	4.6	6.9
5	5.74	0		.0	6.9
6	7.30	0		.0	6.9
7	9.27	24	******	5.5	12.4
8	11.79	0		.0	12.4
9	14.98	16	****	3.7	16.1
10	19.03	33	*********	7.6	23.7
11	24.18	37	**********	8.5	32.2
12	30.72	33	*********	7.6	39.8
13	39.04	58	**********	13.3	53.1
14	49.61	67	**********	15.4	68.5
15	63.04	48	**********	11.0	79.5
16	80.10	33	*********	7.6	87.1
17	101.78	14	***	3.2	90.3
18	129.33	31	********	7.1	97.5
19	164.34	9	**	2.1	99.5
20	208.82	1		.2	99.8
21	265.34	0		.0	99.8
22	337.17	0		.0	99.8
23	428.43	1		.2	100.0
24	544.40	0		.0	100.0
25	691.76	0		.0	100.0

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

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19600	4.	8.	30.	.5
19601	6.	8.	40.	.2
19602	4.	8.	40.	.2
19603	6.	10.	40.	.3
19604	8.	14.	40.	.2
19605	10.	8.	40.	.1
19606	14.	10.	35.	.1
19607	12.	10.	35.	.2
19608	24.	12.	35.	.4
19609	4.	4.	20.	.2
19610	8.	6.	30.	.1
19611	8.	8.	35.	.4
19612	4.	6.	35.	.3
19613	4.	4.	10.	.7
19614	12.	10.	50.	.4
19615	4.	10.	35.	.2
19616	20.	12.	80.	.4
19617	26.	14.	90.	.4
19618	22.	12.	110.	.5
19619	10.	6.	50.	.3
19620	6.	6.	35.	.2
19621	34.	20.	80.	.5
19622	12.	12.	80.	.7
19623	10.	10.	65.	.4
19624	12.	12.	50.	.5
19625	12.	8.	100.	.6
19626	12.	10.	55.	.5
19627	4.	6.	25.	.3
19628	12.	12.	85.	.4
19629	4.	4.	2.	.1
19630	4.	8.	40.	.2
19631	34.	28.	130.	.7
19632	34.	20.	150.	.7
19633	84.	20.	180.	1.6
19634	170.	32.	290.	1.9

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19635	88.	20.	195.	1.5
19636	42.	38.	125.	1.0
19637	36.	24.	120.	1.1
19638	32.	26.	110.	1.0
19639	30.	22.	95.	.6
19640	38.	16.	120.	.5
19641	12.	14.	60.	.3
19642	8.	12.	60.	.7
19643	42.	20.	125.	1.1
19644	8.	12.	40.	.4
19645	18.	18.	60.	.8
19646	6.	12.	50.	.4
19647	6.	14.	40.	.6
19648	4.	10.	10.	.4
19649	4.	10.	20.	.3
19650	10.	4.	15.	.9
19651	2.	4.	5.	.6
19652	28.	16.	90.	1.6
19653	26.	14.	100.	1.7
19654	10.	12.	20.	.7
19655	4.	8.	5.	1.0
19656	4.	10.	30.	.7
19657	10.	10.	30.	1.0
19658	1.	4.	2.	.2
19659	2.	4.	5.	.2
19660	16.	10.	55.	.3
19661	10.	6.	20.	.3
19662	12.	4.	5.	.3
19663	12.	8.	50.	.1
19664	40.	18.	135.	.4
19665	4.	8.	25.	.3
19666	6.	4.	10.	.3
19667	26.	10.	130.	.4
19668	28.	10.	100.	.5
19669	26.	12.	75.	.6

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19670	24.	12.	80.	.8
19671	16.	8.	20.	.4
19672	20.	6.	50.	.6
19673	8.	8.	50.	.2
19674	12.	10.	50.	.2
19675	8.	16.	60.	.4
19676	10.	18.	20.	.6
19677	6.	12.	15.	.3
19678	32.	24.	40.	.5
19679	10.	14.	40.	.2
19680	8.	8.	65.	.3
19681	8.	10.	35.	.3
19682	8.	12.	40.	.3
19683	6.	10.	30.	.3
19684	16.	14.	20.	.3
19685	10.	12.	30.	.4
19686	10.	10.	30.	.4
19687	8.	12.	45.	.5
19688	12.	10.	45.	.2
19689	18.	14.	70.	.5
19690	16.	18.	60.	.3
19691	20.	20.	65.	.1
19692	28.	20.	70.	.4
19693	16.	20.	40.	.5
19694	12.	14.	45.	.2
19695	16.	20.	60.	.2
19696	8.	8.	20.	.2
19697	8.	6.	20.	.3
19698	8.	6.	15.	.2
19699	20.	8.	50.	.3
19700	18.	12.	60.	.2
19701	12.	10.	65.	.1
19702	22.	16.	115.	.2
19703	8.	8.	70.	.3
19704	10.	12.	40.	.4

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
19705	6.	8.	45.	.2
19706	8.	12.	110.	.2
19707	28.	16.	70.	.5
19708	2.	8.	20.	2.0
19709	2.	10.	30.	1.0
19710	10.	4.	55.	.4
19711	18.	12.	55.	.2
19712	10.	10.	50.	.1
19713	4.	4.	25.	.3
19714	2.	6.	10.	.4
19715	12.	10.	35.	.6
19716	12.	10.	70.	.5
19717	12.	8.	55.	.3
19718	10.	8.	15.	.6
19719	12.	14.	20.	.7
19720	18.	22.	55.	.8
19721	40.	4.	1.	.3
19722	14.	220.	60.	1.6
19723	42.	276.	180.	1.5
19724	20.	56.	80.	1.6
19725	20.	28.	40.	.6
19726	56.	20.	100.	1.9
19727	30.	12.	60.	.5
19728	10.	6.	10.	.4
19729	22.	10.	40.	1.2
20200	12.	12.	25.	.2
20201	28.	16.	30.	.8
20202	12.	10.	15.	.4
20203	16.	12.	35.	.2
20204	12.	6.	15.	.3
20205	10.	8.	25.	.3
20206	14.	10.	30.	.2
20207	18.	6.	40.	.2
20208	16.	4.	35.	.2
20209	10.	4.	10.	.3

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20210	16.	4.	1.	.1
20211	22.	12.	60.	.4
20212	8.	6.	10.	.3
20213	6.	4.	5.	.1
20214	8.	4.	10.	.2
20215	16.	4.	5.	.6
20216	12.	4.	10.	.5
20217	16.	10.	40.	.5
20218	8.	8.	30.	.2
20219	8.	8.	40.	.4
20220	10.	8.	30.	.3
20221	8.	6.	20.	.1
20222	12.	12.	50.	.4
20223	10.	12.	40.	.3
20224	12.	12.	35.	.6
20225	18.	8.	30.	.6
20226	16.	8.	60.	.5
20227	16.	10.	45.	.4
20228	14.	8.	40.	.5
20229	12.	8.	50.	.4
20230	22.	12.	80.	.5
20231	28.	8.	25.	.2
20232	14.	8.	40.	.6
20233	24.	10.	50.	1.0
20234	28.	12.	40.	.5
20235	14.	8.	20.	.2
20236	18.	12.	35.	.5
20237	42.	10.	60.	1.0
20238	14.	12.	40.	.7
20239	10.	14.	30.	1.3
20240	20.	14.	25.	2.1
20241	4.	4.	2.	.4
20242	4.	4.	1.	.4
20243	32.	8.	20.	.6
20244	8.	4.	3.	.4

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20245	8.	8.	25.	.2
20246	16.	8.	40.	.3
20247	20.	10.	75.	.3
20248	20.	8.	50.	.4
20249	12.	4.	40.	.3
20250	28.	8.	90.	.7
20251	4.	12.	5.	1.7
20252	6.	10.	5.	.3
20253	4.	6.	2.	.4
20254	4.	6.	5.	.3
20255	16.	44.	35.	.8
20256	10.	10.	20.	.4
20257	6.	6.	20.	.3
20258	20.	14.	60.	.8
20259	24.	12.	30.	.7
20260	10.	12.	45.	.3
20261	14.	10.	50.	.9
20262	14.	8.	70.	.6
20263	30.	12.	125.	1.1
20264	28.	16.	70.	.7
20265	26.	10.	80.	.5
20266	14.	8.	50.	.4
20267	8.	10.	45.	.4
20268	10.	10.	40.	.2
20269	10.	16.	120.	.2
20270	12.	8.	80.	.2
20271	12.	6.	45.	.2
20272	10.	12.	45.	.3
20273	16.	12.	120.	.3
20274	34.	12.	140.	1.1
20275	16.	6.	150.	.7
20276	10.	8.	135.	.3
20277	12.	6.	60.	.3
20278	8.	6.	40.	.7
20279	16.	8.	65.	.5

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20280	26.	10.	70.	.4
20281	14.	10.	60.	.5
20282	28.	16.	55.	.3
20283	6.	4.	5.	.2
20284	16.	16.	30.	.2
20285	16.	16.	60.	.2
20286	18.	18.	105.	.3
20287	14.	14.	80.	.1
20288	10.	8.	35.	.2
20289	12.	6.	10.	.1
20290	12.	8.	30.	.3
20291	14.	6.	20.	.1
20292	10.	10.	30.	.1
20293	20.	14.	60.	.2
20294	4.	4.	2.	.2
20295	14.	4.	10.	.1
20296	10.	10.	35.	.1
20297	34.	8.	30.	.3
20298	44.	6.	20.	.1
20299	8.	6.	10.	.2
20300	8.	6.	10.	.1
20301	10.	8.	15.	.3
20302	12.	6.	10.	.1
20303	8.	8.	45.	.3
20304	12.	12.	30.	.2
20305	12.	10.	25.	.2
20306	8.	6.	20.	.1
20307	12.	8.	55.	.5
20308	8.	6.	10.	.5
20309	26.	10.	35.	.7
20310	18.	10.	45.	.2
20311	18.	4.	2.	.2
20312	16.	12.	70.	.3
20313	18.	10.	65.	.5
20314	16.	10.	50.	.5

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20315	14.	8.	40.	.3
20316	6.	6.	15.	.3
20317	10.	6.	25.	.4
20400	38.	12.	10.	.3
20401	10.	10.	40.	.2
20402	4.	2.	5.	.4
20403	2.	2.	2.	.3
20404	4.	4.	8.	.3
20405	12.	6.	25.	.2
20406	10.	10.	30.	.3
20407	12.	8.	30.	.5
20408	10.	24.	25.	.5
20409	14.	6.	15.	.6
20410	12.	12.	25.	.4
20411	14.	12.	20.	.3
20412	16.	16.	25.	.4
20413	14.	12.	10.	.3
20414	20.	12.	15.	.4
20415	12.	8.	30.	.3
20416	12.	6.	40.	.2
20417	16.	8.	35.	.4
20418	22.	12.	75.	.3
20419	2.	2.	5.	.4
20420	12.	8.	60.	.3
20421	32.	12.	75.	.3
20422	14.	10.	60.	.2
20423	22.	8.	55.	.4
20424	34.	10.	75.	.7
20425	36.	8.	60.	1.1
20426	16.	8.	40.	.4
20427	240.	22.	225.	.3
20428	2.	4.	5.	.2
20429	2.	4.	5.	.4
20430	4.	4.	5.	.5
20431	32.	10.	55.	.9

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20432	12.	14.	10.	.6
20433	8.	32.	5.	1.0
20434	8.	6.	25.	1.3
20435	8.	6.	10.	1.1
20436	8.	4.	2.	1.2
20437	8.	2.	2.	.5
20438	20.	8.	5.	.8
20439	18.	4.	10.	.9
20440	4.	4.	1.	.4
20441	10.	12.	30.	.4
20442	4.	10.	12.	.3
20443	2.	4.	12.	.1
20444	4.	14.	50.	.5
20445	16.	20.	40.	.9
20446	6.	4.	5.	.5
20447	6.	4.	10.	.2
20448	16.	12.	40.	.9
20449	6.	6.	10.	.2
20450	20.	24.	80.	.9
20451	4.	2.	2.	.3
20452	10.	6.	20.	.5
20453	8.	4.	10.	.3
20454	30.	12.	75.	.1
20455	4.	6.	5.	.3
20456	10.	8.	30.	.7
20457	6.	6.	15.	.2
20458	8.	10.	35.	.4
20459	14.	12.	40.	.5
20460	12.	10.	40.	.4
20461	8.	6.	30.	.4
20462	12.	10.	40.	.6
20463	20.	10.	45.	.8
20464	4.	2.	2.	.1
20465	8.	4.	5.	.1
20466	4.	2.	5.	.2

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20467	22.	10.	80.	.8
20468	16.	10.	75.	.4
20469	28.	14.	85.	.6
20470	24.	10.	70.	.5
20471	10.	6.	30.	.8
20472	14.	8.	60.	.3
20473	24.	10.	65.	.5
20474	16.	8.	60.	.6
20475	22.	11.	100.	.7
20476	45.	12.	137.	.6
20477	20.	3.	33.	.5
20478	27.	9.	92.	.4
20479	20.	7.	85.	.3
20480	10.	6.	65.	.1
20481	3.	5.	3.	.2
20482	25.	7.	120.	.2
20483	33.	10.	117.	.6
20484	4.	3.	8.	.1
20485	8.	6.	23.	.3
20486	5.	5.	17.	.4
20487	14.	10.	63.	.3
20488	5.	2.	12.	.3
20489	14.	9.	58.	.4
20490	7.	2.	27.	.2
20491	17.	8.	75.	.4
20492	5.	2.	10.	.2
20493	13.	2.	10.	.3
20494	14.	6.	50.	.3
20495	4.	1.	2.	.2
20496	6.	3.	3.	.3
20497	37.	2.	12.	1.6
20498	15.	4.	4.	1.0
20499	2.	2.	1.	.8
20500	4.	14.	6.	2.5
20501	2.	3.	2.	.4

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20502	3.	4.	1.	.2
20503	7.	7.	7.	.7
20504	3.	2.	1.	.3
20505	17.	14.	29.	1.1
20506	5.	5.	7.	.4
20507	38.	16.	64.	1.7
20508	36.	15.	57.	1.8
20509	23.	14.	90.	1.8
20510	28.	13.	87.	2.0
20511	42.	17.	138.	1.6
20512	70.	16.	183.	1.4
20513	47.	14.	112.	2.2
20514	60.	16.	115.	3.3
20515	50.	14.	131.	1.7
20516	42.	18.	110.	3.0
20517	30.	12.	137.	.7
20518	34.	13.	62.	.6
20519	20.	11.	55.	.5
20520	14.	8.	9.	.2
20521	9.	3.	4.	.1
20522	26.	11.	61.	.7
20523	32.	19.	78.	1.1
20524	17.	5.	48.	.1
20525	59.	16.	163.	1.9
20526	65.	16.	205.	1.0
20527	38.	12.	120.	.5
20528	46.	20.	166.	.7
20529	36.	16.	125.	1.1
20530	22.	34.	134.	.7
20531	15.	8.	50.	.5
20532	1.	3.	2.	.2
20533	7.	8.	13.	.2
20534	1.	4.	2.	.3
20535	2.	3.	1.	.1
20536	1.	4.	4.	.1

Anaconda Canada Exploration Limited

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Sample Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
20537	9.	8.	46.	.4
20538	11.	6.	48.	.4
20539	17.	10.	60.	.7
20540	48.	10.	180.	.5
20541	21.	9.	79.	.9
20542	21.	8.	51.	.4
20543	2.	2.	1.	.2
20544	10.	5.	12.	.5
20545	23.	10.	52.	.4
20546	4.	4.	5.	.2
20547	16.	9.	35.	.4
20548	4.	2.	3.	.3
20549	2.	2.	4.	.5
20550	5.	1.	6.	.3
20551	13.	8.	37.	.3
20552	20.	11.	56.	.2
20553	10.	3.	16.	.2
20554	19.	8.	45.	.7
20555	16.	7.	58.	.5
20556	9.	3.	11.	.4
20557	16.	10.	77.	.5
20558	9.	2.	11.	.2
20559	22.	5.	65.	.3
20560	16.	6.	37.	.3
20561	16.	4.	70.	.4
20562	22.	5.	100.	.4
20563	28.	6.	107.	.5
20564	34.	9.	74.	.9
20565	15.	11.	52.	1.5

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Cu	Pb
No of Samples	414	414
Minimum Value	1.00	1.00
Maximum Value	240.00	276.00
Range	239.00	275.00
Median	12.00	10.00
Mode	12.00	10.00
Mean	16.74	11.03
St Deviation	18.15	17.73
Mean + 2SD	53.04	46.48
Coeff Variation	1.08	1.61
Skewness	6.54	12.14
Kurtosis	66.78	165.23
2.5 Percentile	2.00	2.00
5.0 Percentile	3.00	3.00
16.5 Percentile	6.00	4.00
50.0 Percentile	12.00	10.00
82.2 Percentile	26.00	14.00
90.0 Percentile	32.00	16.00
95.0 Percentile	40.00	20.00
97.5 Percentile	48.00	26.00
99.0 Percentile	70.00	38.00

Anaconda Canada Exploration Limited

ARITHMETIC SUMMARY STATISTICS

Property Name: Canyon | Survey Type: Soils | Province: Yukon Territory | NTS: 105L/15
Project Name: Selwyn Basin | Project Code: | Claims: Ace | Year: 1982

Metals	Zn	Ag
No of Samples	414	414
Minimum Value	1.00	.10
Maximum Value	290.00	3.30
Range	289.00	3.20
Median	40.00	.40
Mode	40.00	.30
Mean	47.40	.52
St Deviation	41.53	.44
Mean + 2SD	130.46	1.40
Coeff Variation	.88	.86
Skewness	1.69	2.51
Kurtosis	4.26	8.27
2.5 Percentile	2.00	.10
5.0 Percentile	2.00	.10
16.5 Percentile	10.00	.20
50.0 Percentile	40.00	.40
82.2 Percentile	75.00	.70
90.0 Percentile	105.00	1.00
95.0 Percentile	130.00	1.60
97.5 Percentile	150.00	1.80
99.0 Percentile	183.00	2.10

Time: 16: 9: 5 Date: 4: 6:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 4.537 No. Samples: 414

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	3.13	63	******************	15.2	20.5
2	7.67	131	**************************************	31.6	52.2
3	12.21	64	******************	15.5	67.6
4	16.74	39	***********	9.4	77.1
5	21.28	21	******	5.1	82.1
6	25.82	27	*******	6.5	88.6
7	30.36	15	****	3.6	92.3
8	34.89	9	**	2.2	94.4
9	39.43	8	**	1.9	96.4
10	43.97	5	*	1.2	97.6
11	48.50	1		.2	97.8
12	53.04	1		.2	98.1
13	57.58	2		.5	98.6
14	62.11	1		.2	98.8
15	66.65	1		.2	99.0
16	71.19	0		.0	99.0
17	75.73	0		.0	99.0
18	80.26	1		.2	99.3
19	84.80	1		.2	99.5
20	89.34	0		.0	99.5
21	93.87	0		.0	99.5
22	98.41	0		.0	99.5
23	102.95	0		.0	99.5
24	107.49	0		.0	99.5
25	112.02	0		.0	99.5

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

Time: 16: 9: 5 Date: 4· 6:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 4.432 No. Samples: 414

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	2.17	110	**********	26.6	31.4
2	6.60	148	**********	35.7	67.1
3	11.03	80	**********	19.3	86.5
4	15.46	26	*******	6.3	92.8
5	19.89	19	*****	4.6	97.3
6	24.33	3		.7	98.1
7	28.76	2		.5	98.6
8	33.19	1		.2	98.8
9	37.62	1		.2	99.0
10	42.05	1		.2	99.3
11	46.48	0		.0	99.3
12	50.92	0		.0	99.3
13	55.35	1		.2	99.5
14	59.78	0		.0	99.5
15	64.21	0		.0	99.5
16	68.64	0		.0	99.5
17	73.07	0		.0	99.5
18	77.50	0		.0	99.5
19	81.94	0		.0	99.5
20	86.37	0		.0	99.5
21	90.80	0		.0	99.5
22	95.23	0		.0	99.5
23	99.66	0		.0	99.5
24	104.09	0		.0	99.5
25	108.53	0		.0	99.5

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

Time: 16:21:52 Date: 4: 6:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): 10.382 No. Samples: 414

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: Claims: Ace Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	5.88	52	**********	12.6	25.6
2	16.26	38	**********	9.2	34.8
3	26.64	52	**********	12.6	47.3
4	37.02	50	**********	12.1	59.4
5	47.40	38	**********	9.2	68.6
6	57.79	38	**********	9.2	77.8
7	68.17	22	******	5.3	83.1
8	78.55	16	****	3.9	87.0
9	88.93	6	*	1.4	88.4
10	99.31	8	**	1.9	90.3
11	109.69	14	****	3.4	93.7
12	120.08	6	*	1.4	95.2
13	130.46	8	**	1.9	97.1
14	140.84	2		.5	97.6
15	151.22	0		.0	97.6
16	161.60	2		.5	98.1
17	171.98	3		.7	98.8
18	182.37	1		.2	99.0
19	192.75	1		.2	99.3
20	203.13	1		.2	99.5
21	213.51	0		.0	99.5
22	223.89	1		.2	99.8
23	234.28	0		.0	99.8
24	244.66	0		.0	99.8
25	255.04	0		.0	99.8

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

Time: 16:21:52 Date: 4: 6:1983

Anaconda Canada Exploration Limited

ARITHMETIC HISTOGRAM

Interval (STDV/4): .111 No. Samples: 414

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: Claims: Ace Year: 1982

Ag

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	.07	31	********	7.5	7.5
2	.19	71	**********	17.1	24.6
3	.30	146	**********	35.3	59.9
4	.41	48	**********	11.6	71.5
5	.52	24	******	5.8	77.3
6	.63	25	*******	6.0	83.3
7	.74	11	***	2.7	86.0
8	.85	9	**	2.2	88.2
9	.96	10	**	2.4	90.6
10	1.07	9	**	2.2	92.8
11	1.18	2		.5	93.2
12	1.29	3		.7	94.0
13	1.40	3		.7	94.7
14	1.51	6	*	1.4	96.1
15	1.62	4	*	1.0	97.1
16	1.73	2		.5	97.6
17	1.84	3		.7	98.3
18	1.96	2		.5	98.8
19	2.07	1		.2	99.0
20	2.18	1		.2	99.3
21	2.29	0		.0	99.3
22	2.40	1		.2	99.5
23	2.51	0		.0	99.5
24	2.62	0		.0	99.5
25	2.73	0		.0	99.5

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: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Metals	Cu	Pb
No of Samples	414	414
Minimum Value	1.00	1.00
Maximum Value	240.00	276.00
Range	239.00	275.00
Median	12.00	10.00
Mode	12.00	10.00
Mean	12.14	8.47
Log St Dev	.35	.28
Mean + 2SD	61.43	31.00
Coeff Variation	.32	.30
Skewness	-.26	.24
Kurtosis	.76	3.43
2.5 Percentile	2.00	2.00
5.0 Percentile	3.00	3.00
16.5 Percentile	6.00	4.00
50.0 Percentile	12.00	10.00
82.2 Percentile	26.00	14.00
90.0 Percentile	32.00	16.00
95.0 Percentile	40.00	20.00
97.5 Percentile	48.00	26.00
99.0 Percentile	70.00	38.00

Anaconda Canada Exploration Limited

LOGARITHMIC SUMMARY STATISTICS

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: Claims: Ace Year: 1982

Metals	Zn	Ag
No of Samples	414	414
Minimum Value	1.00	.10
Maximum Value	290.00	3.30
Range	289.00	3.20
Median	40.00	.40
Mode	40.00	.30
Mean	29.11	.40
Log St Dev	.51	.31
Mean + 2SD	304.55	1.65
Coeff Variation	.35	-.77
Skewness	-.97	20.35
Kurtosis	.50	411.00
2.5 Percentile	2.00	.10
5.0 Percentile	2.00	.10
16.5 Percentile	10.00	.20
50.0 Percentile	40.00	.40
82.2 Percentile	75.00	.70
90.0 Percentile	105.00	1.00
95.0 Percentile	130.00	1.60
97.5 Percentile	150.00	1.80
99.0 Percentile	183.00	2.10

Time: 16: 9:12 Date: 4: 6:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .088 No. Samples: 414

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Cu

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.07	0		.0	1.0
2	1.31	0		.0	1.0
3	1.60	0		.0	1.0
4	1.96	15	****	3.6	4.6
5	2.40	0		.0	4.6
6	2.94	3		.7	5.3
7	3.60	36	**********	8.7	14.0
8	4.41	5	*	1.2	15.2
9	5.40	19	*****	4.6	19.8
10	6.61	43	**********	10.4	30.2
11	8.10	4	*	1.0	31.2
12	9.91	87	**********	21.0	52.2
13	12.14	27	*******	6.5	58.7
14	14.87	54	**********	13.0	71.7
15	18.21	34	*********	8.2	80.0
16	22.30	18	*****	4.3	84.3
17	27.31	25	*******	6.0	90.3
18	33.44	19	*****	4.6	94.9
19	40.96	12	***	2.9	97.8
20	50.16	3		.7	98.6
21	61.43	2		.5	99.0
22	75.23	2		.5	99.5
23	92.13	0		.0	99.5
24	112.83	0		.0	99.5
25	138.17	0		.0	99.5

0 5 10 15 20 25 30 35 40 45 50

% Of Samples in Class Interval

Time: 16: 9:12 Date: 4: 6:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .070 No. Samples: 414

Property Name: Canyon Survey Type: Soils Province: Yukon Territory NTS: 105L/15
Project Name: Selwyn Basin Project Code: 51983 Claims: Ace Year: 1982

Pb

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.21	0		.0	.5
2	1.42	0		.0	.5
3	1.67	0		.0	.5
4	1.97	18	*****	4.3	4.8
5	2.32	0		.0	4.8
6	2.72	9	**	2.2	7.0
7	3.20	0		.0	7.0
8	3.77	45	**********	10.9	17.9
9	4.43	7	**	1.7	19.6
10	5.21	49	**********	11.8	31.4
11	6.13	4	*	1.0	32.4
12	7.20	67	**********	16.2	48.6
13	8.47	5	*	1.2	49.8
14	9.96	72	**********	17.4	67.1
15	11.72	56	**********	13.5	80.7
16	13.78	42	**********	10.1	90.8
17	16.21	8	**	1.9	92.8
18	19.06	15	****	3.6	96.4
19	22.42	5	*	1.2	97.6
20	26.36	2		.5	98.1
21	31.00	3		.7	98.8
22	36.46	1		.2	99.0
23	42.88	1		.2	99.3
24	50.42	1		.2	99.5
25	59.30	0		.0	99.5

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

Time: 16:21:55 Date: 6:1983

Anaconda Canada Exploration Limited

LOGARITHMIC HISTOGRAM

Log Interval (STDV/4): .127 No. Samples: 414

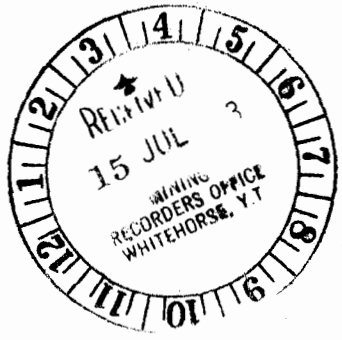
Property Name: Canyon
Project Name: Selwyn Basin
Survey Type: Soils
Project Code:
Province: Yukon Territory
Claims: Ace
NTS: 105L/15
Year: 1982

Zn

Cell	Lower Limit	Num Samp		Cell %	Cum %
1	1.15	0			
2	1.55	15	****	.0	2.2
3	2.07	0		3.6	5.8
4	2.78	4	*	.0	5.8
5	3.73	26	*******	1.0	6.8
6	5.00	2		6.3	13.0
7	6.71	4	*	.5	13.5
8	9.00	33	*********	1.0	14.5
9	12.07	13	***	8.0	22.5
10	16.18	22	******	3.1	25.6
11	21.71	18	*****	5.3	30.9
12	29.11	50	**************	4.3	35.3
13	39.04	75	**********************	12.1	47.3
14	52.35	62	*****************	18.1	65.5
15	70.21	32	*********	15.0	80.4
16	94.15	27	*******	7.7	88.2
17	126.27	14	****	6.5	94.7
18	169.33	7	**	3.4	98.1
19	227.09	1		1.7	99.8
20	304.55	0		.2	100.0
21	408.42	0		.0	100.0
22	547.72	0		.0	100.0
23	734.54	0		.0	100.0
24	985.08	0		.0	100.0
25	1321.07	0		.0	100.0

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

Anaconda Canada Exploration Ltd.



ASSESSMENT WORK REPORT

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

ACE, BUSH AND CLARE CLAIMS

Whitehorse Mining District

Yukon Territory

NTS 105 L/15, 16

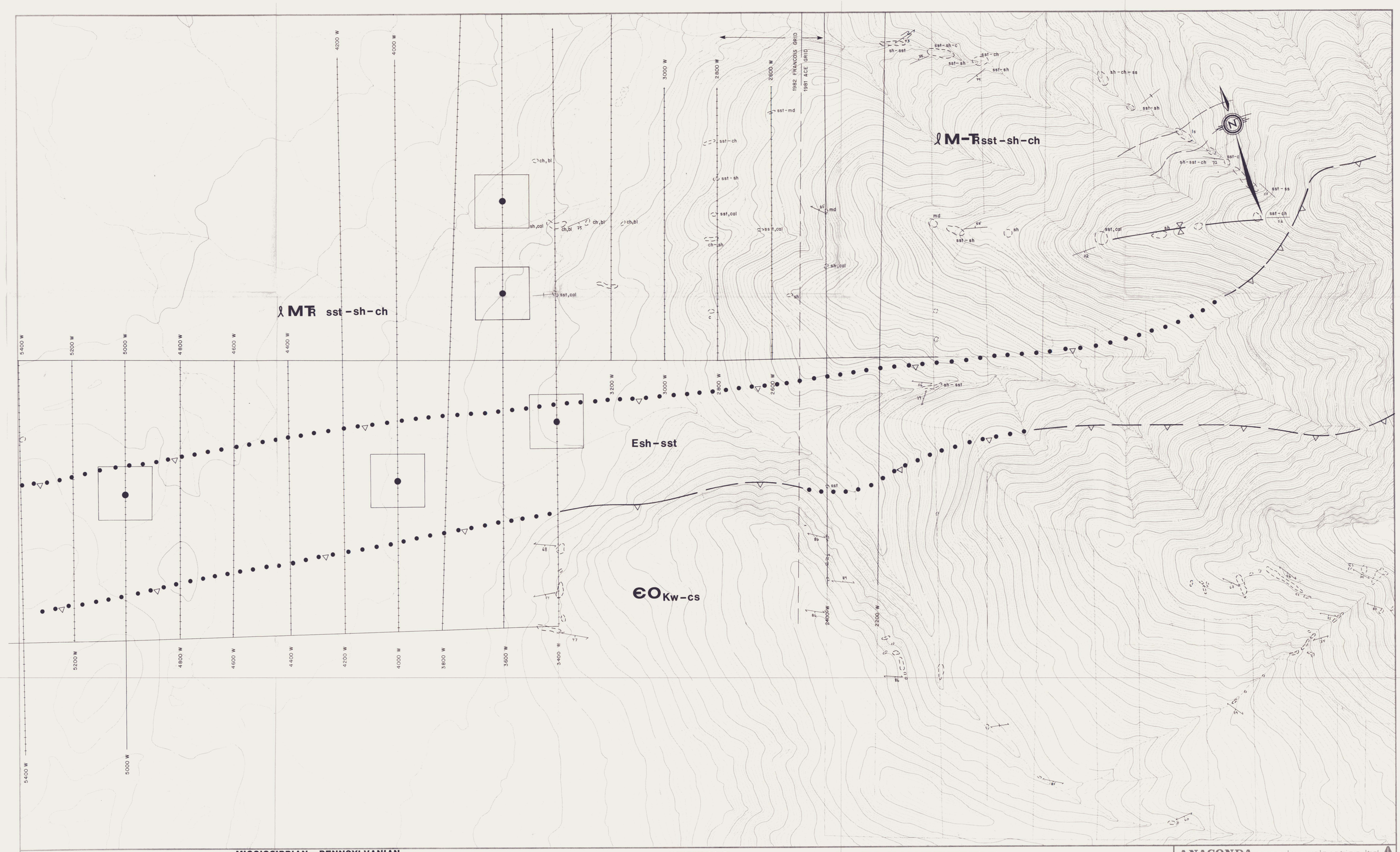
Latitude: 62°53'N Longitude: 134°44'W

Field Work Performed: May 19 to October 22, 1982

091468

R. D. Hall

June 22, 1983



LEGEND

CRETACEOUS - TERTIARY

K_{SF} SOUTH FORK FM: Porphyritic intemediate 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_{TR} UNDIFFERENTIATED; x – calcareous cross laminated sandstone; sst – siltstone, sh – shale; locally bioturbated, cal – calcareous

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 CLASTICS: 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

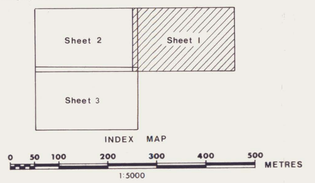
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PROTEROZOIC - CAMBRIAN

PE_G GRIT UNIT: g – quartzite and grit, c – interbedded sandstone – siltstone and carbonate.

SYMBOLS

- Bedding – inclined, vertical, overturned, tops.
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- Outcrop
- Trench
- DDH – D 81
- egGC Showing
- Fly camp



ANACONDA canada exploration ltd.

091468 **1982 SELWYN PROJECT** 091

GEOLOGY MAP

FRANCOIS & ACE GRIDS

compilation: S.A.	scale: 1:5 000	date: APRIL 83
drawn: G.C, E.B.W.	nts: 105-L-15	drawing no. 6-1 INDEX # 8

BASE LINE

7000 W 6600 W 6400 W 6200 W 6000 W 5800 W 5600 W 5400 W 5200 W

TL 10 S

8200 W 7800 W 7400 W 7000 W 6400 W 6000 W 5800 W 5600 W 5400 W 5200 W

800 E 1000 E 1200 E 1400 E 1600 E 1800 E 2000 E

LONE MOUNTAIN GRID

FRANCOIS GRID

600 E 900 E

ℓM_R sst-sh

E_{sh-sst}

ϵO_{Kw-cs}

LEGEND

CRETACEOUS - TERTIARY

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

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EARN GROUP ?

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MISSISSIPPIAN

EARN GROUP

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DEVONIAN - MISSISSIPPIAN

EARN GROUP

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ORDOVICIAN - DEVONIAN

ROAD RIVER GROUP

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

CAMBRIAN - ORDOVICIAN

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- Trench
- DDH - D 81
- egGC Showing
- Fly camp

Sheet 2 | Sheet 1 | Sheet 3

INDEX MAP

0 50 100 200 300 400 500 METRES

1:5000

Pacific Survey Corporation

NO. 45

ANACONDA canada exploration ltd.

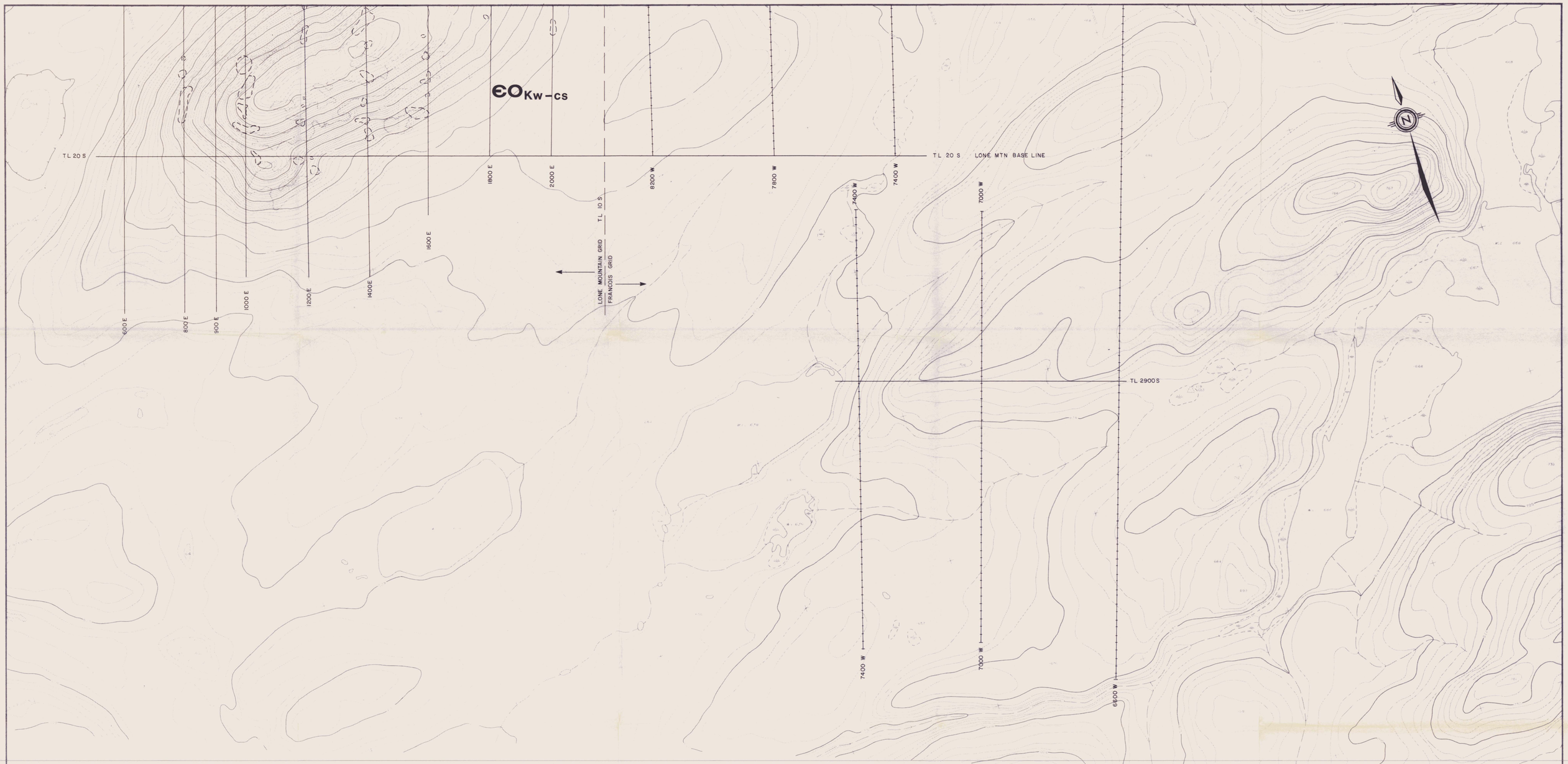
091468

1982 SELWYN PROJECT

GEOLOGY MAP

FRANCOIS & LONE MOUNTAIN GRIDS

compilation: D.V., M.A.	scale: 1:5000	date: APRIL 83
drawn: G.C, E.B.W.	nts: 105-L-15	drawing no. 6-2 INDEX # 7



LEGEND

CRETACEOUS - TERTIARY

K_{SF} SOUTH FORK FM: Porphyritic intemediate 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

$P_{\overline{R}}$ UNDIFFERENTIATED; s – calcareous cross laminated sandstone; sst – siltstone, sh – shale; locally bioturbated.

MISSISSIPPIAN - PENNSYLVANIAN

EARN GROUP ?

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MISSISSIPPIAN

EARN GROUP

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DEVONIAN - MISSISSIPPIAN

EARN GROUP

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ORDOVICIAN - DEVONIAN

ROAD RIVER GROUP

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

CAMBRIAN - ORDOVICIAN

KECHIKA GROUP - ANVIL RANGE GROUP

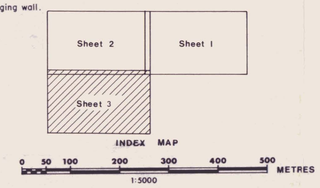
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Pacific Survey Corporation

ANACONDA canada exploration ltd.

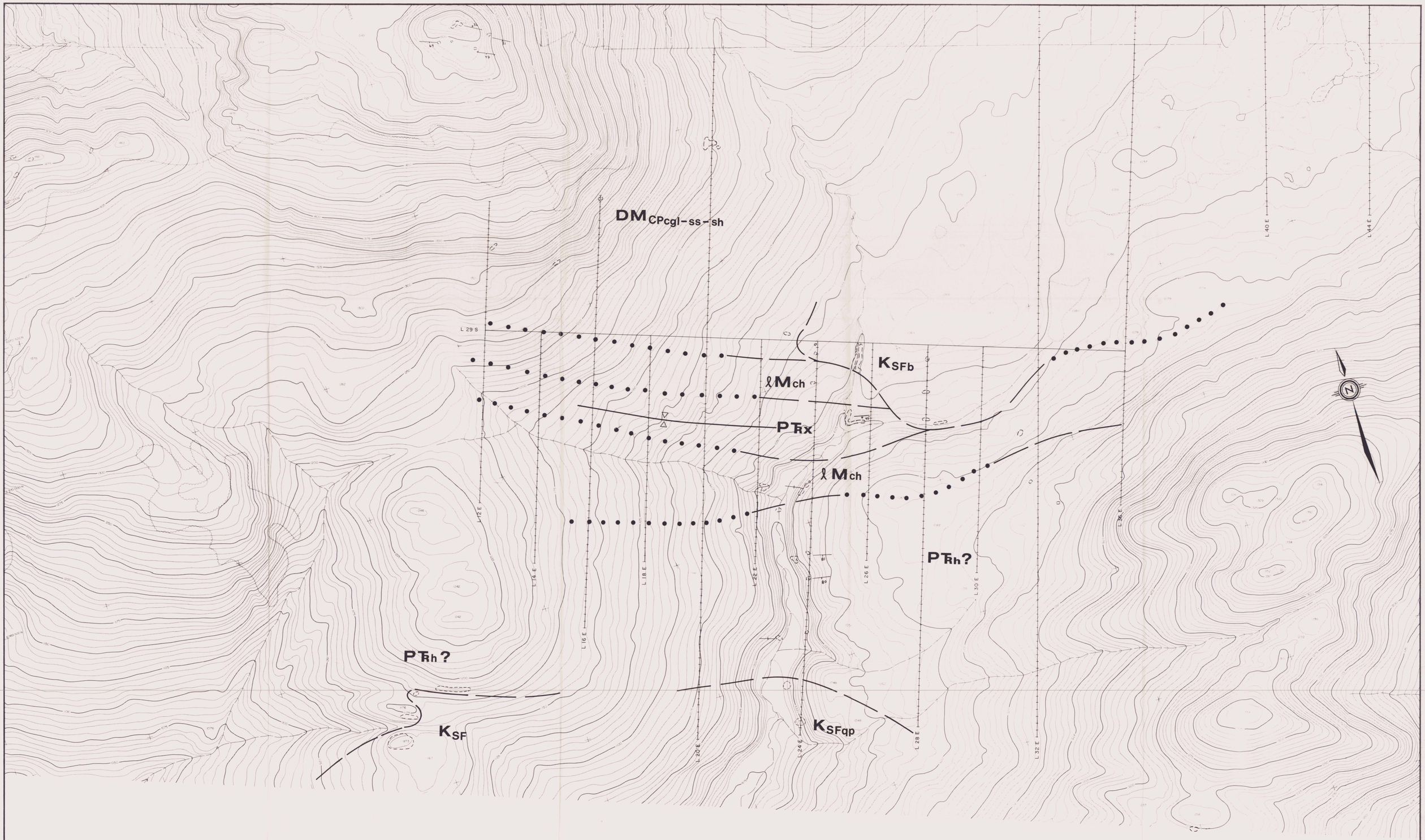
091468

1982 SELWYN PROJECT

GEOLOGY MAP

FRANCOIS & LONE MOUNTAIN GRIDS

compilation: D.V., M.A.	scale: 1:5000	date: APRIL 83
drawn: G.C., E.B.W.	nts: 105 - L - 15	drawing no. 6 - 3 INDEX # 13



LEGEND

CRETACEOUS - TERTIARY

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PERMIAN — TRIASSIC

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Pacific Survey Corporation

MISSISSIPPIAN - PENNSYLVANIAN

EARN GROUP ?

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DEVONIAN - MISSISSIPPIAN

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ORDOVICIAN - DEVONIAN

ROAD RIVER GROUP

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- Fly camp

Sheet 1
Sheet 2
INDEX MAP

0 50 100 200 300 400 500 METRES
1:5000

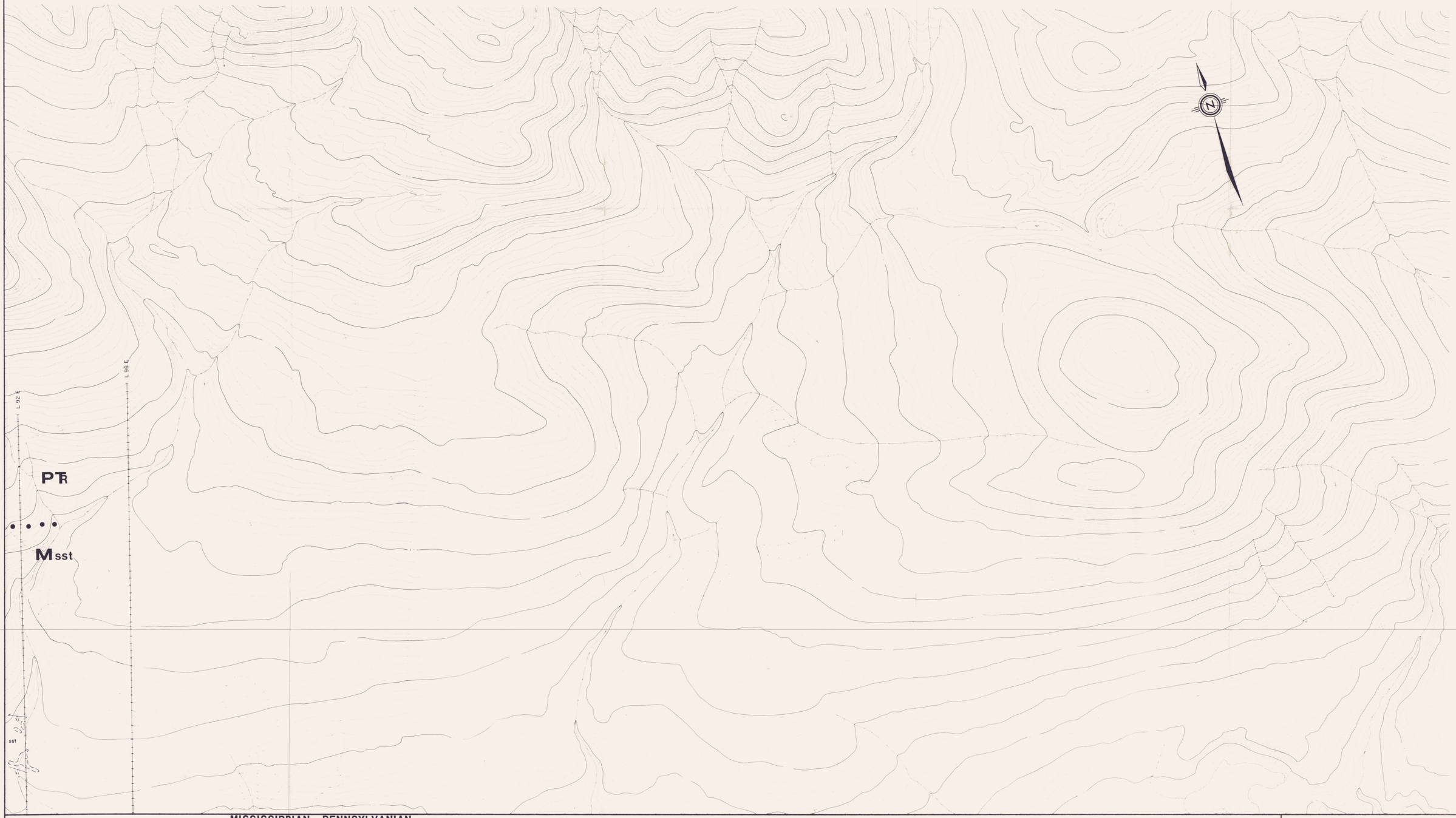
ANACONDA canada exploration ltd.

091E 8 — 1982 SELWYN PROJECT

GEOLOGY MAP

ROGER SOUTH GRID

compilation: R.H.	scale: 1:5000	date: APRIL 83
drawn: G.C, E.B.W.	nts: 105-L-15	drawing no. 7 INDEX # 15



LEGEND

CRETACEOUS - TERTIARY

K_{SF} SOUTH FORK FM: Porphyritic intemediate 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

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Pacific Survey Corporation

MISSISSIPPIAN - PENNSYLVANIAN

EARN GROUP ?

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DEVONIAN - MISSISSIPPIAN

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ORDOVICIAN - DEVONIAN

ROAD RIVER GROUP

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

CAMBRIAN - ORDOVICIAN

KECHIKA GROUP - ANVIL RANGE GROUP

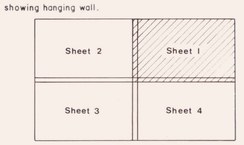
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- Trench
- DDH – D 81
- egGC Showing
- Fly camp



INDEX MAP

0 50 100 200 300 400 500 METRES

1:5000

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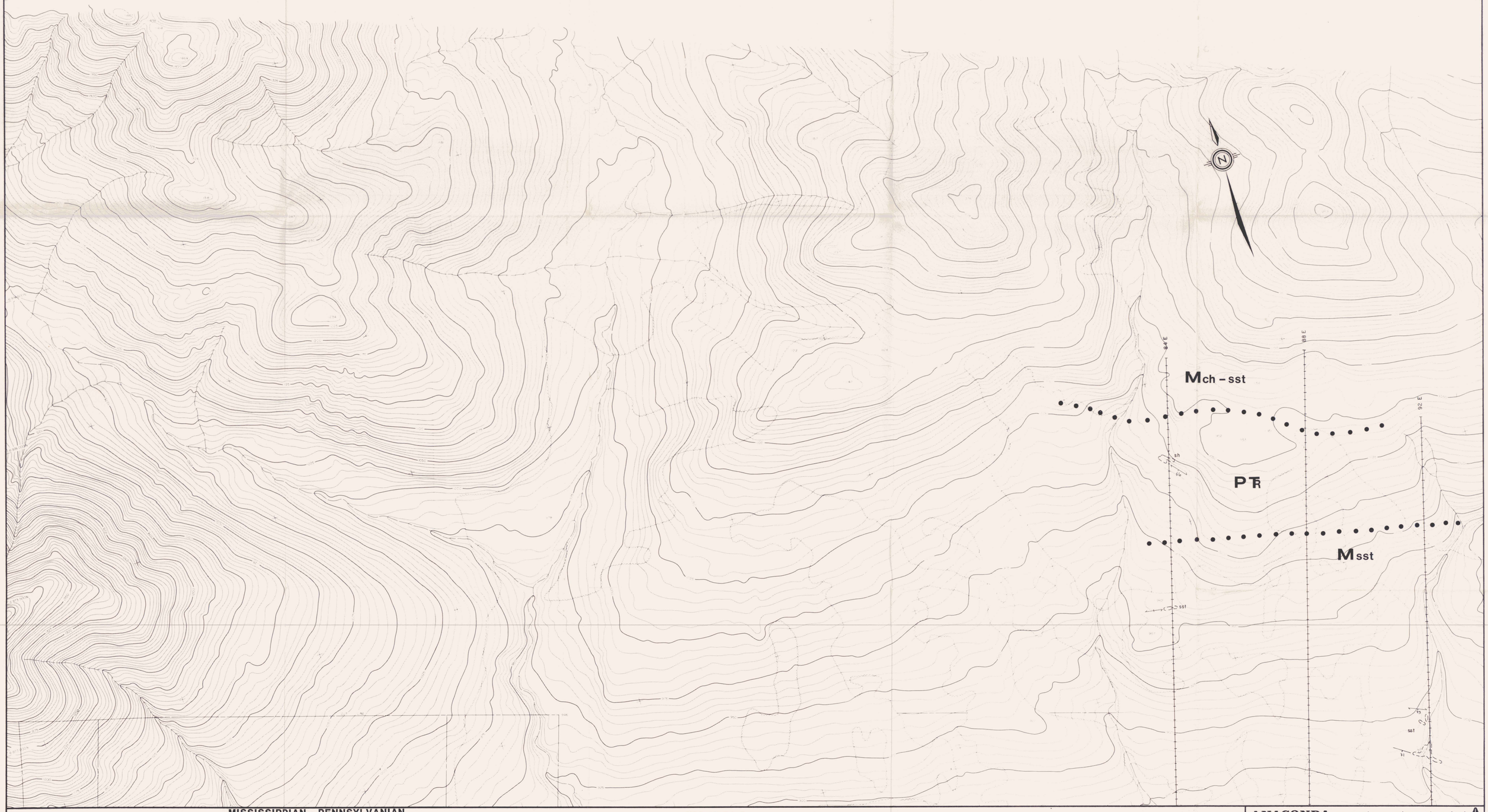
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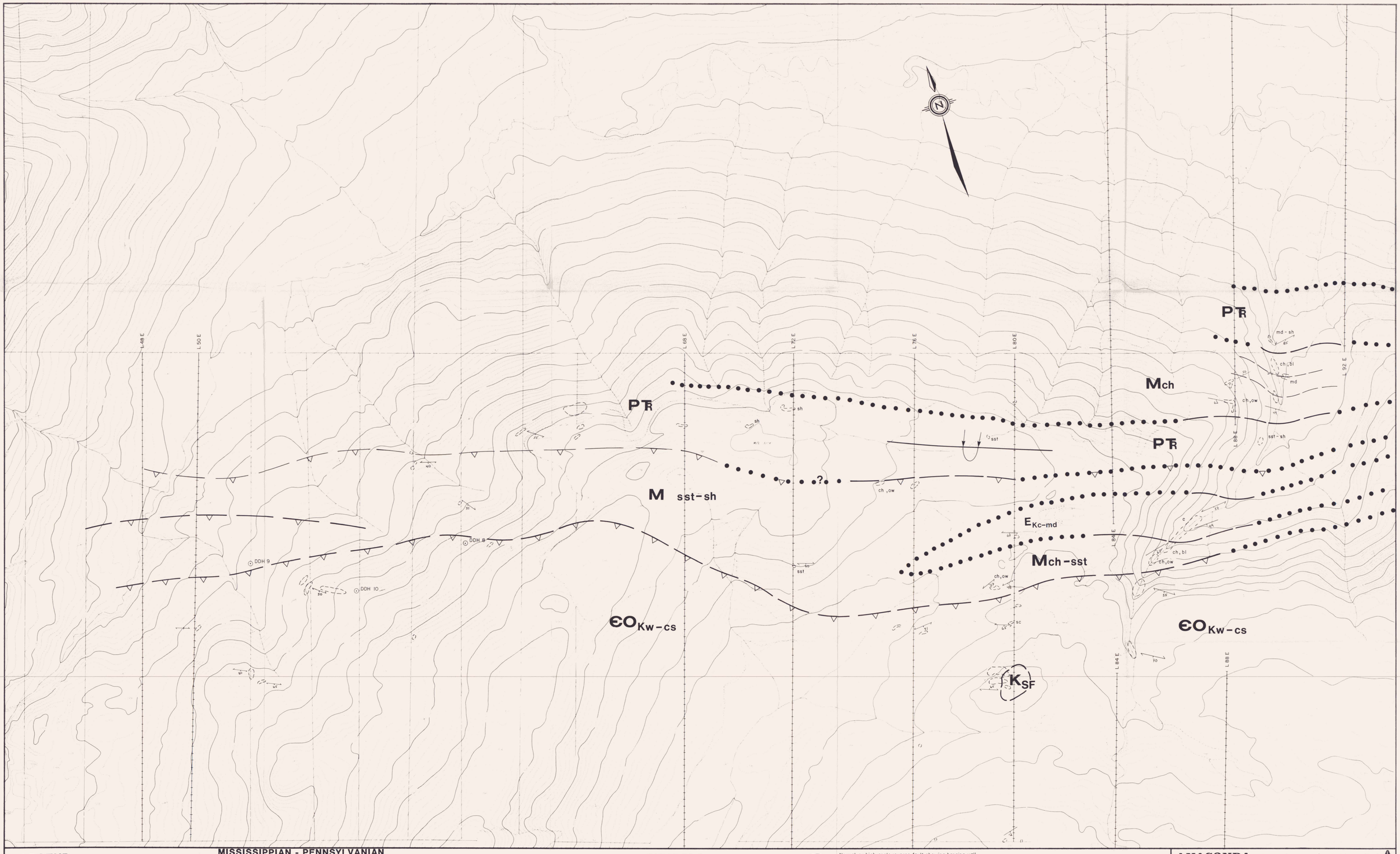
1982 SELWYN PROJECT

GEOLOGY MAP

SCOOTER GRID

compilation: S.M.A.	scale: 1:5 000	date: APRIL 83	
drawn: G.C., E.B.W.	nts: 105-L-15	drawing no. 8-1 INDEX # 5	


N
Mch - sst
PTR
Msst
sst
sh
ss
sst
ss
sst
ss
sst
sst
sst



LEGEND

CRETACEOUS - TERTIARY

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MISSISSIPPIAN - PENNSYLVANIAN

EARN GROUP ?

M INTERBEDDED CHERT-SILTSTONE; ch – chert, sst – siltstone, ba – barite; locally burrowed and/or bioturbated, ow – orange weathering, bl – black

MISSISSIPPIAN

EARN GROUP

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DEVONIAN - MISSISSIPPIAN

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ORDOVICIAN - DEVONIAN

ROAD RIVER GROUP

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CAMBRIAN - ORDOVICIAN

KECHIKA GROUP - ANVIL RANGE GROUP

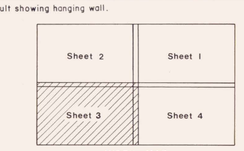
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PROTEROZOIC - CAMBRIAN

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INDEX MAP

0 50 100 200 300 400 500 METRES

1:5000

Pacific Survey Corporation

ANACONDA canada exploration ltd.

091168

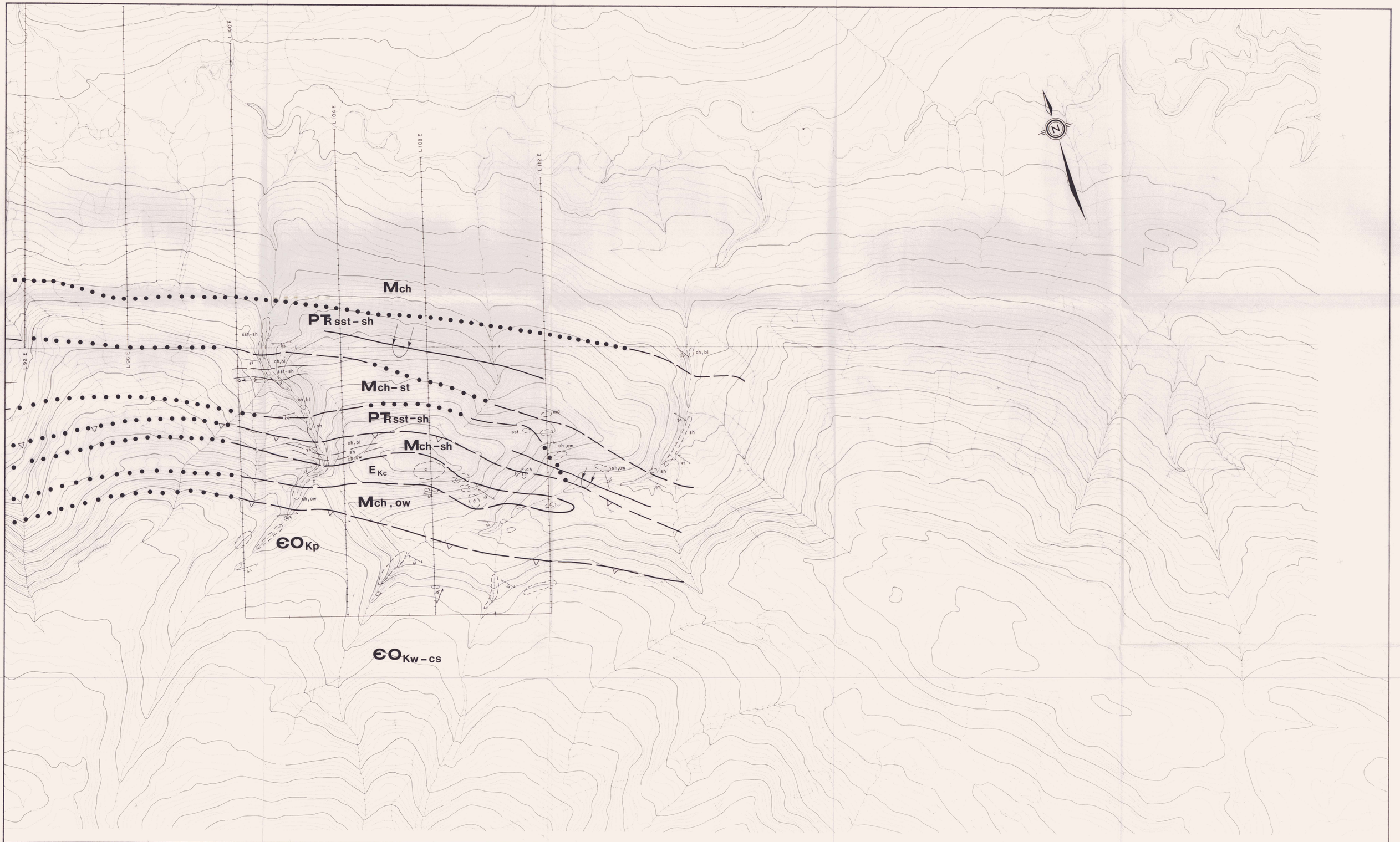
1982 SELWYN PROJECT

GEOLOGY MAP

MAIN EXT.,

SCOOTER & BANANA GRIDS

compilation: G.C, D.V.	scale: 1:5000	date: APRIL 83
drawn: G.C, E.B.W.	nts: 105 - L - 15	drawing no: 8 - 3 INDEX # 10



LEGEND

CRETACEOUS - TERTIARY

K_{SF} SOUTH FORK FM: Porphyritic intemediate 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

$P\overline{T}_R$ UNDIFFERENTIATED; ₭ – calcareous cross laminated sandstone; sst – siltstone, sh – shale; locally bioturbated.

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MISSISSIPPIAN - PENNSYLVANIAN

EARN GROUP ?

M INTERBEDDED CHERT-SILTSTONE, ch – chert, sst – siltstone, ba – barite; locally burrowed and/or bioturbated, ow – orenge weathering.

MISSISSIPPIAN

EARN GROUP

$\mathfrak{M}_{E_K}$ KALZAS FM: c – fossiliferous limestone, ss – sandstone. sh – calcareous and graphitic shale.

$\mathfrak{M}_{E_{CP}}$ CRYSTAL PEAK FM: cgl – chert pebble conglomerate, ss – sandstone, sst – siltstone, sh – shale, md – mudstone.

DEVONIAN - MISSISSIPPIAN

EARN GROUP

DM_E UNDIFFERENTIATED CLASTICS: 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

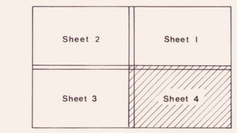
ϵO_K UNDIFFERENTIATED: w – wavy banded mudstone – carbonate, lcs – laminated quartz rich calc – silicate, cs – maroon and green calc-silicate, p – phyllite, v – mafic volcanics, c – carbonate.

PROTEROZOIC - CAMBRIAN

$P\epsilon_G$ 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 81
- egGC Showing
- Fly camp



INDEX MAP

0 50 100 200 300 400 500 METRES

1:5000

ANACONDA canada exploration ltd.

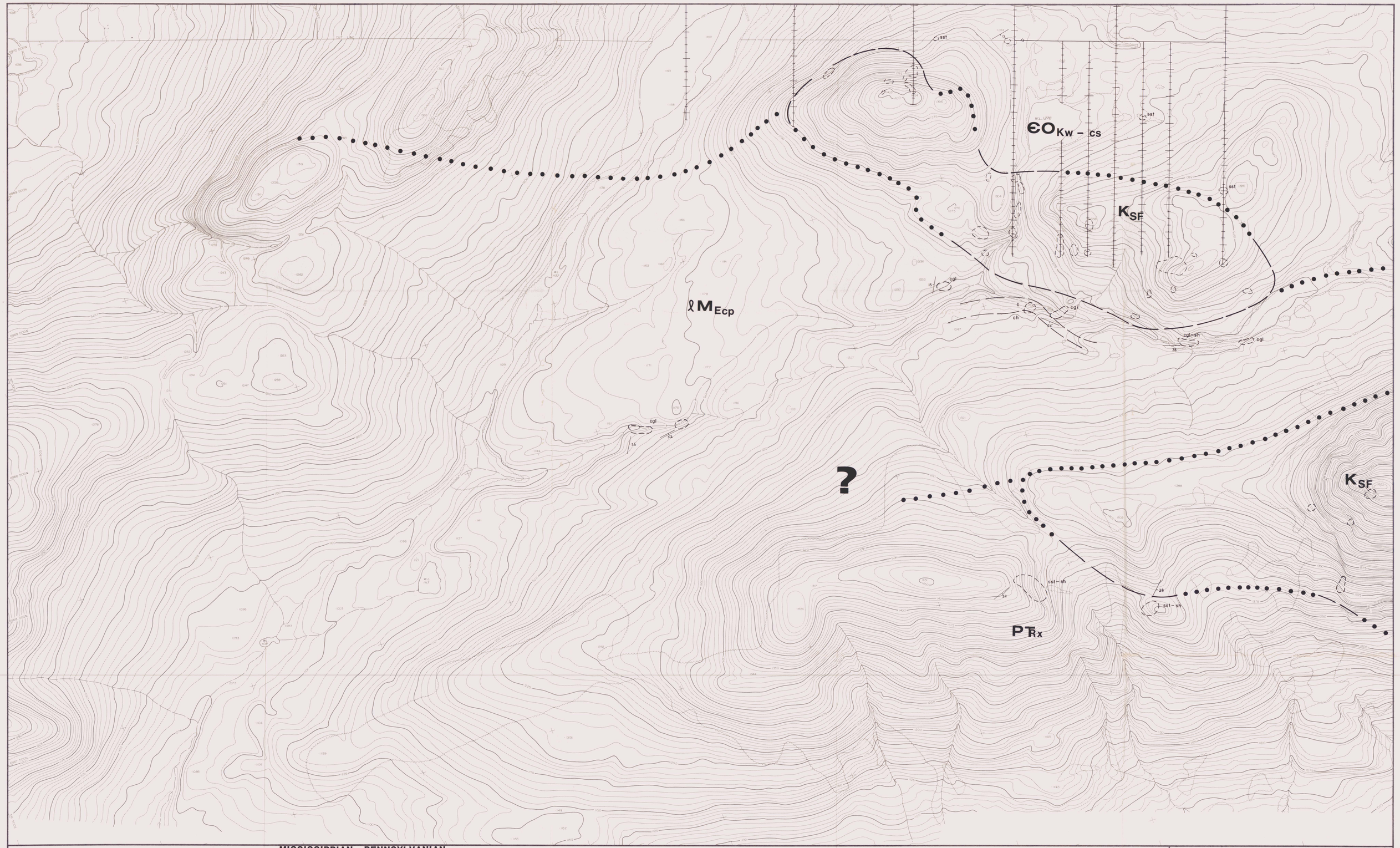
091468

1982 SELWYN PROJECT

GEOLOGY MAP

SCOOTER & CANYON GRIDS

compilation: M.A, G.C.	scale: 1:5000	date: APRIL 83
drawn: G.C, E.B.W.	nts: 105 - L - 15	drawing no. 8 - 4 INDEX # 11



LEGEND

CRETACEOUS - TERTIARY

K_{SF} SOUTH FORK FM: Porphyritic intemediate 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

PT_R UNDIFFERENTIATED; c- 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

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

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

DEVONIAN - MISSISSIPPIAN

EARN GROUP

DM_E UNDIFFERENTIATED CLASTICS: cgl- pebble conglomerate, g- chert granule grit, ss- sandstone, sh- shale, md- mudstone, p- phyllite, si- slate, ba- barite.

ORDOVICIAN - DEVONIAN

ROAD RIVER GROUP

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

CAMBRIAN - ORDOVICIAN

KECHIKA GROUP - ANVIL RANGE GROUP

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

PROTEROZOIC - CAMBRIAN

$P\epsilon_G$ GRIT UNIT: g- quartzite and grit, c- interbedded sandstone- siltstone and carbonate.

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- Thrust fault- known, approximate, assumed.
- Normal or high angle reverse fault showing hanging wall.
- Outcrop
- Trench
- DDH- D 81
- egGC Showing
- Fly camp

0 50 100 200 300 400 500 METRES
1:5000

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NCI-493

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1982 SELWYN PROJECT

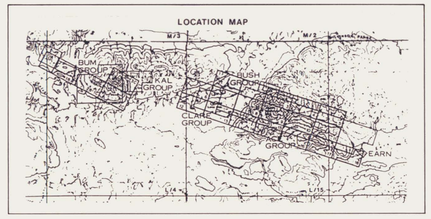
091168

GEOLOGY MAP

BANANA GRID

compilation: D.V, M.A, G.C.	scale: 1:5000	date: APRIL 83
drawn: G.C, E.B.W.	nts: 105-L-14	drawing no. 9 INDEX # 16

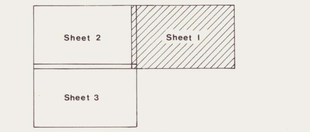




LEGEND

Francois Grid

- Pb values ≥ 20
- 20 > Pb values ≥ 16
- Poor sample – high humus / ash
- Sample No./Cu/Pb/Zn/Ag/Ba



ANACONDA canada exploration ltd.

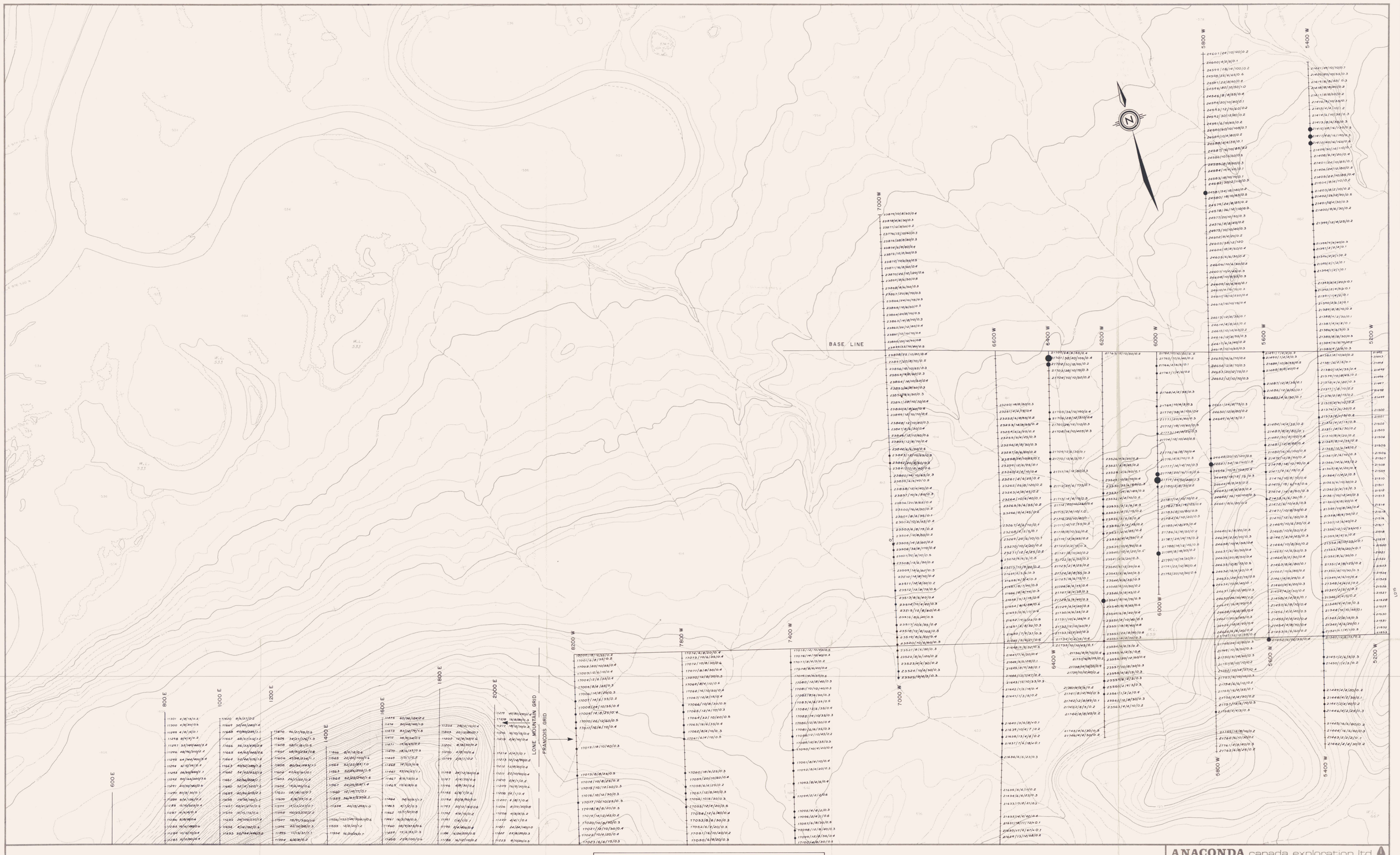
091168

1982 SELWYN PROJECT

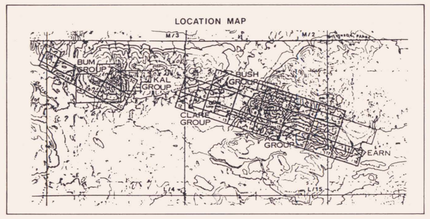
SOIL GEOCHEMISTRY

FRANCOIS and ACE GRIDS

compilation: S.M.A.	scale: 1:5000	date: FEB. 1983	
drawn: E.B.W.	nts: 105 L/15	drawing no. 10-1 INDEX # 8	



LOCATION MAP


BUM
CLAY
GROUP
CLAIRE
GROUP
GROUP
GROUP

TL 2000S

TL 2000S LONE MTN BASE LINE

TL 2900S

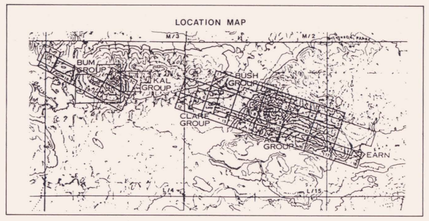
600 E
800 E
1000 E
1200 E
1400 E
1600 E
1800 E
2000 E

8200 W
7800 W
7400 W
7000 W
6600 W

LONE MOUNTAIN GRID
FRANCOIS GRID

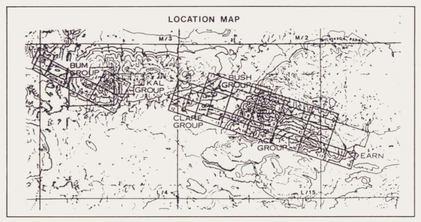
N

LOCATION MAP


BLUM RIDGE
GROUP
GROUP
GROUP



LOCATION MAP


M/3
M/2
BLIM
ROGER
GROUP
GROUP
GROUP

L 92 E

L 96 E

| | | |

SCOOTER

L 1843 E

22000	10/0/60/0.1
22001	8/4/30/0.2
22002	8/8/20/0.2
22003	4/4/40/0.3
22004	4/4/14/0.1
22005	6/0/45/0.1
22006	6/8/54/0.1
22007	10/0/65/0.4
22008	8/8/54/0.5
22009	14/4/60/0.5
22010	2/4/5/0.3
22011	6/4/40/0.3
22012	8/8/98/0.2
22013	10/4/66/0.5
22014	6/4/28/0.3
22015	12/4/60/0.2
22016	2/2/5/0.3
22017	4/4/6/0.2
22018	2/4/0/0.2
22019	2/4/2/0.4
22020	4/6/20/0.2
22021	4/4/4/0.4
22022	2/4/26/0.3
22023	24/8/46/0.5
22024	8/6/46/0.9
22025	20/4/70/0.8
22026	8/4/20/0.3
22027	6/8/80/0.4
22028	14/4/68/0.3
22029	20/4/30/0.4
22030	8/4/36/0.6
22031	28/8/40/0.8
22032	4/4/2/0.2
22033	2/2/2/0.2
22034	14/8/20/0.2
22035	6/4/18/0.1
22036	28/12/78/0.2
22037	2/2/2/0.3
22038	18/10/78/0.2
22039	12/8/40/0.3
22040	12/8/20/0.4
22041	6/6/28/0.6
22042	10/8/44/0.2
22043	2/4/2/0.4
22044	8/4/36/0.5
22045	10/6/60/0.3
22046	12/4/44/0.4
22047	12/6/40/0.2
22048	8/4/30/0.3
22049	6/8/20/0.4
22050	10/6/38/0.4
22051	10/4/70/0.8
22052	8/4/40/0.8
22053	4/2/2/0.2
22054	6/6/16/0.2
22055	4/6/40/0.2
22056	2/4/2/0.4
22057	4/4/10/0.2
22058	10/4/26/0.4
22059	12/4/80/0.4
22060	8/4/20/0.3
22061	4/4/20/0.1
22062	4/2/2/0.2

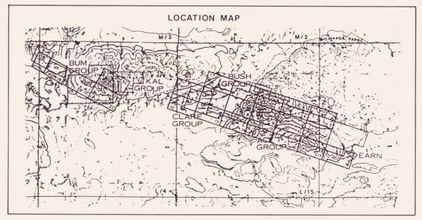
L 1818 E

18700	11/8/40/0.6
18701	15/8/30/0.4
18702	8/4/30/0.4
18703	6/4/36/0.4
18704	4/8/20/0.3
18706	10/8/30/0.2
18706	2/4/2/0.4
n/s	
18707	8/8/56/0.4
18708	10/8/20/0.3
18709	10/4/10/0.2
18710	20/4/50/0.3
18711	4/2/2/0.2
18712	12/4/6/0.2
18713	4/8/20/0.6
18714	8/8/60/0.4
18715	8/12/40/0.3
18716	10/2/80/0.4
n/s	
18717	10/6/60/0.3
18718	4/4/2/0.2
18719	4/2/10/0.3
18720	28/4/60/0.5
18721	24/6/70/0.4
18722	6/6/18/0.3
18723	10/4/30/0.4
18724	8/6/30/0.4
18725	12/4/16/0.3
18726	20/2/20/0.6
18727	44/10/40/0.7
18728	20/4/40/0.2
18729	12/2/88/0.5
18730	4/4/10/0.2
18731	24/8/88/0.4
18732	22/6/38/0.3
18733	36/6/60/0.5
18734	12/4/16/0.4
18735	26/8/60/0.4
18736	16/6/40/0.2
18737	10/4/40/0.6
18738	56/8/30/0.8
18739	24/8/96/0.1
18740	8/4/6/0.3
18741	10/6/80/0.2
18742	6/8/16/0.4
18743	12/4/16/0.3
18744	8/2/8/0.2
18745	6/4/10/0.3
18746	16/6/20/0.3
18747	18/6/60/0.4
18748	6/4/20/0.6
18749	18/6/60/0.4
18750	18/8/76/0.2
18751	16/6/70/0.6
18752	16/4/58/0.6
18753	16/4/58/0.4
18754	8/4/80/0.9
18755	14/4/70/0.3
18756	14/8/66/0.2
18757	16/8/60/0.4
18758	14/6/70/0.3
18759	4/6/36/0.6
18760	12/10/86/0.3
18761	10/6/32/0.6
18762	18/10/70/0.4

L 926 E

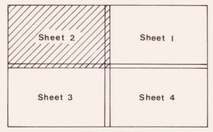
22202	16/8/40/0.4
22203	18/8/60/0.4
22204	18/8/56/0.6
22205	28/12/70/0.6
22206	30/10/86/0.6
22207	38/8/86/0.8
22208	24/8/10/0.6
22209	24/6/70/0.6
22210	30/10/96/0.6
22211	8/6/20/0.4
22212	8/4/36/0.4
22213	12/8/40/0.5
22214	10/8/70/0.4
22215	8/8/86/0.3
22216	6/8/30/0.5
22217	28/12/76/0.6
22218	28/8/86/0.9
22219	26/8/96/0.8
22220	30/8/86/0.4
22221	22/6/86/0.5
22222	16/12/76/0.3
22223	28/6/66/0.4
22224	22/12/56/0.3
22225	16/0/76/0.3
22226	22/8/96/0.6
22227	30/4/86/0.4
22228	18/10/70/0.4
22229	44/12/86/0.6
22230	24/6/60/0.3
22231	30/4/66/0.4
22232	8/6/76/0.4
22233	12/6/86/0.6
22234	12/6/36/0.2
22235	12/8/66/0.3
22236	8/6/66/0.3
22237	8/6/60/0.3
22238	8/6/66/0.3
22239	16/8/70/0.2
22240	14/6/70/0.3
22241	8/6/66/0.2
22242	30/6/136/0.6
22243	22/8/96/0.8
22244	24/8/100/0.4
22245	10/6/86/0.5
22246	44/12/136/1.1
22247	30/8/66/0.6
n/s	
n/s	
22248	20/8/66/0.2
22249	12/6/8/0.3
22250	16/6/90/0.2
22251	18/8/86/0.3
22252	8/10/96/0.1
22253	6/6/60/0.1
22254	6/4/36/0.4

LOCATION MAP



LEGEND

- Sample No. /Cu / Pb / Zn / Ag
- Pb values ≥ 22
- 22 Pb values ≥ 15
- Poor sample – high humus / ash



INDEX MAP

0 50 100 200 300 400 500 METRES

1:5000

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ANACONDA canada exploration ltd.

091-08 1982 SELWYN PROJECT

SOIL GEOCHEMISTRY

SCOOTER GRID

compilation: S.M.A.	scale: 1:5000	date: FEB. 83
drawn:	nts: 105 L / 15	drawing no. 12-2 INDEX # 4

MAIN EXT.

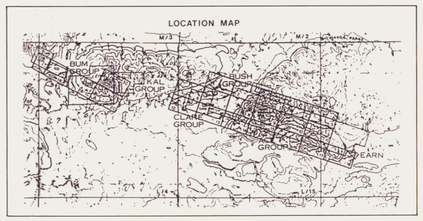
SCOOTER

BANANA

MAIN EXT.

L48E L50E L76E L80E L84E L88E L92E L96E L100E L104E

LOCATION MAP



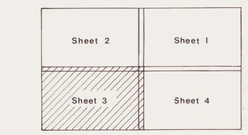
LEGEND

Main Ext. - Banana Grids

- Pb values ≥ 26
- 26 > Pb values ≥ 20
- Poor sample - high humus/ash

Scooter Grid

- Pb values ≥ 22
- 22 > Pb values ≥ 15
- Poor sample - high humus/ ash
- Sample No./Cu/Pb/Zn/Ag



INDEX MAP

0 50 100 200 300 400 500 METRES

1:5000

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1982 SELWYN PROJECT

091468

SOIL GEOCHEMISTRY

MAIN EXT., SCOOTER & BANANA GRIDS

compilation: S.M.A.	scale: 1:5000	date: FEB. 83	
drawn:	nts: 105 L/15	drawing no. 12-3 INDEX # 10	

L 92 E

L 96 E

L 100 E

L 102 E

L 104 E

L 106 E

L 108 E

L 110 E

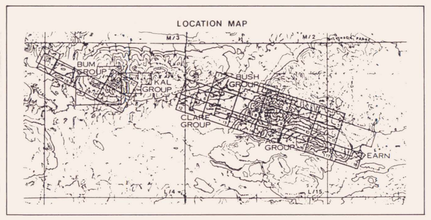
L 112 E

SCOOTER

CANYON

N

LOCATION MAP


M13
M13
BUMP
GROUP
KAL
GROUP
SLIGH
GROUP
GROUP
GROUP

L 68

L 72

L 76

L 80

L 82

L 83

L 84

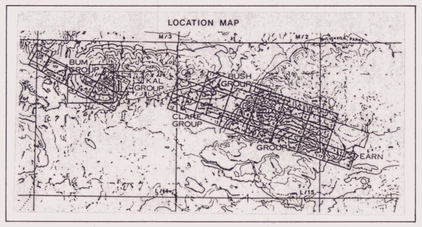
L 85

L 86

L 88

BANANA GRID

N



LEGEND

Main – Banana Grids

- Pb values ≥ 26
- 26 > Pb values ≥ 20
- Poor sample – high humus / ash
- Sample No/Cu/Pb/Zn/Ag

0 50 100 200 300 400 500 METRES

1:5000

Pacific Survey Corporation

ANACONDA canada exploration ltd.

1982 SELWYN PROJECT

091468

SOIL GEOCHEMISTRY

BANANA GRID

compilation: S.M.A.	scale: 1:5000	date: MAY 83	
drawn: E.B.W.	nts: 105-L-14	drawing no. 13 INDEX # 16	

DROMEDARY N RIDGE

BUSH

6+00N

0+00

6+00S

4+00N

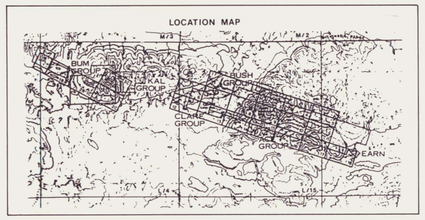
0+00

7+50S

L 4

N

LOCATION MAP



LEGEND

Dromedary North Ridge

- Pb values ≥ 31
- 31 > Pb values ≥ 25
- Poor sample – high humus / ash
- Sample No. / Cu / Pb / Zn / Ag

0 50 100 200 300 400 500 METRES

1:5000

ANACONDA canada exploration ltd.

091408

1982 SELWYN PROJECT

SOIL GEOCHEMISTRY

DROMEDARY N. RIDGE
AND BUSH GRID

compilation: S.M.A.	scale: 1:5000	date: FEB 1983
drawn:	nts: 105 L/15	drawing no. 14 INDEX # 3

Pacific Survey Corporation

NOV. 1/82

ANACONDA CANADA EXPLORATION LTD.

RECEIVED
15 JUL
WHITEHORSE Y.T

GEOPHYSICAL REPORT

(Electromagnetic, Gravity, and Magnetometer Surveys)

OF THE ACE AND CLARE CLAIMS

FRANCOIS AND LONE MOUNTAIN GRIDS

SELWYN PROJECT, EARN LAKE AREA

WHITEHORSE MINING DIVISION, YUKON TERRITORY

Latitude: 62°53'N Longitude: 134°50'W NTS: 105 L/15

By

Alan Scott

May 19, 1983

Field Work Performed: MAY 27 to Sept. 15, 1982

091468

TABLE OF CONTENTS

	Page
INTRODUCTION	1
LOCATION AND ACCESS	1
CLAIMS AND OWNERSHIP	2
GROUND CONTROL	2
GEOPHYSICAL SURVEYS	3
Electromagnetic Survey (HLEM)	3
Magnetometer Survey	3
Gravity Survey	4
DISCUSSION OF RESULTS	5
CONCLUSIONS	6

Appendix I - Statement of Expenditures

Appendix II - Certification

LIST OF FIGURES

Map No. (located in pockets at rear of report)

1 General Location Map

2a Magnetic Field Contour Plan - North Sheet

2b Magnetic Field Contour Plan - South Sheet

3a Compilation Plan - North Sheet

3b Compilation Plan - South Sheet

4-30 Geophysical Results - Profiles

INTRODUCTION

Within the period May 27 to September 15, 1982, a geophysical survey program was completed over portions of Anaconda's ACE and CLARE claim groups, Whitehorse Mining Division, NTS 105 L/15. Work performed consisted of 42 line kilometers of linecutting and chaining, 40 line kilometers of total field magnetometer and horizontal loop electromagnetometer surveys, and 23 line kilometers of gravity/levels survey.

The exploration target on the Francois grid is stratabound, sediment hosted, Ag/Pb/Zn massive sulphides. The objectives of the geophysical work were to assist geological mapping in this heavily overburden covered area by line to line correlation of geophysical responses, and the direct identification of targets for follow up trenching and/or drilling.

The survey area was selected, in part, on the basis of airborne EM and magnetic anomalies detected by Geoterrex in 1981 (reported on by Carlson, 1981).

This report describes the methodology of the ground geophysical surveys, presents the data, and discusses the results. A discussion of the geology is 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 Francois and Lone Mountain grids lie immediately to the west of Dromedary Mountain. The geophysical work was supported by helicopter access out of a main base camp located on the west shore of Earn Lake. Access to the base camp was by float plane from Whitehorse.

CLAIMS AND OWNERSHIP

The Francois and Lone mountain grids cover portions of the CLARE and ACE claim groups, Whitehorse Mining Division, Yukon Territory. The claims are owned by Anaconda Canada Exploration Ltd. The work was conducted on claims within the following listing:

Claims	Grant Nos.
Ace 1-64	YA 52055-YA 52118
Ace 65-80	YA 51438-YA 51453
Ace 273-392	YA 52331-YA 52450
Ace 441-464	YA 52499-YA 52522
Clare 1-42	YA 59696-YA 59737
Clare 49-54	YA 59738-YA 59743
Clare 65	YA 59744
Clare 67-72	YA 59745-YA 59750

GROUND CONTROL

The baseline for the Francois grid is a westward continuation of the baseline for the 1981 main ACE grid. The relatively small Lone Mtn. grid was also initiated in 1981. All cut lines were turned off from baselines with a nailboard, or in the case of control lines, with a transit. Lines were cut by chainsaw, and bearings were maintained by backsighting along pickets. 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. All survey lines were previously chained and inclinometer surveyed by the geophysics crew to maintain accurate control of the coil spacing and coil coplanarity. Corrections were applied to the data for any deviations from the standard spacing.

The HLEM results are plotted as stacked profiles on Maps 4 to 30. 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". Note that the 1981 conductor picks, which are included on the compilation plans, were taken from the 1777Hz. results.

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 2a (north sheet) and Map 2b (south sheet). The results are also plotted in profile form with the HLEM plots.

Gravity Survey

A Lacoste and Romberg gravimeter was used for the gravity survey, and a Topcon Guppy EDM was used to obtain relative station elevations. The raw gravity data was corrected for tidal and meter drifts, and bouguer gravity values were computed for bouguer densities of 2.0, 2.2, 2.4, 2.6, and 2.8 g/cc.

An 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 the Hammer cylindrical correction. For line 34W, the terrain corrections were extended out to 390 meters (Hammer E ring). Elevations for those outer terrain corrections were obtained from the orthophoto prepared base maps. All terrain corrections were made assuming an average terrain density of 2.0 g/cc.

The gravity survey was restricted to lines 32W to 78W. Lines 36W to 78W are in an area of generally low relief and the above procedure is believed to have been adequate for correcting terrain effects on those lines. However, line 34W, and 32W to 38W to the north of the baseline, are in areas of moderate to steep relief and contain significant uncompensated terrain effects. The attempt to correct line 34W out to 390 meters using the Hammer Chart graticule method failed to smooth out the data sufficiently to allow picking of anomalies with confidence, and was therefore not continued on other lines. It would be necessary to digitize the topographic map and use computer modelling to correct for terrain effects in that relatively rugged portion of the grid.

DISCUSSION OF RESULTS

The major geophysical results are presented on the compilation plans, Maps 3a (north sheet) and 3b (south sheet). 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 line profiles.

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".

Of particular geophysical interest are the four heavily outlined gravity anomalies labelled A, B, C, and D on compilation Map 3a. Anomalies A to C are well defined, are in relatively flat topography (and hence can be assumed free of terrain effects), and are near coincident with both magnetic and HLEM anomalies. The three are very nearly aligned along strike and may be within the same stratigraphic unit.

Anomaly D is of higher amplitude than the others, but is somewhat less well defined as it is in an area of more rugged local relief. Anomaly D has strong, flanking HLEM response to both the north and south.

Further work to determine the source of gravity anomalies A to D is warranted. Other less well defined gravity anomalies, or HLEM or magnetic anomalies, would require supporting evidence (geochemical or geological) before further work could be recommended.

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.

Four gravity anomalies, labelled A to D on compilation Map 3a, form discrete geophysical targets that warrant further work to determine their causative source. Other weaker gravity anomalies, as well as the numerous EM conductors and magnetic anomalies, require supporting geological and/or geochemical evidence before further work could be recommended.

Respectfully submitted,



Alan Scott,
Geophysicist.

Distribution:
Mining Recorder (2)✓
ACEL files (1)
J. Corbett, Chief Geophys. (1)
R. Hall, Project Geologist (1)

APPENDIX I

Statement of Expenditures

ACE Claims - Francois and Lone Mountain Grids

SALARIES		
Contract Personnel: (Murex Gravity Surveys Ltd.)		
L. Johnson, sn. tech., May 27-June 2,4,6,7,11-27 27 days @ 175/day	= 4725	
D. Iverson, surveyor, June 16-26, Sept 6-9,12,13 17 days @ 175/day	= 2975	
Anaconda Personnel:		
P. MacGillivary, sn. asst., May 27-June 2,24-27 11 days @ 103/day	= 1133	
A. Huard, asst., May 27-June 2,24-27; 11 days @ 86	= 946	
G. Minnes, asst., May 27-June 2,4,6,7,11-26 26 days @ 86/day	= 2236	
L. Fairweather, asst., May 27-June 2,24-27 11 days @ 86/day	= 946	
B. Rode, tech., Sept. 6-9,12-15; 8 days @ 103/day	= 824	
F. Thrane, tech., Sept. 6-9,12-15; 8 days @ 103/day	= 824	
		14609
EQUIPMENT RENTALS:		
Max Min II EM; 1 mo. @ 2458	= 2458	
Lacoste & Romberg gravimeter; 1 mo. @ 2000	= 2000	
EDA ppm 300/400 magnetometers; 1 mo. @ 3018	= 3018	
Topcon Guppy EDM; 1 mo @ 750	= 750	
		8226
CAMP COSTS:		
119 man days @ 50/man day	=	5950
HELICOPTER SUPPORT:		
35 survey days @ 1.5 hrs/day @ 450/hr + 50/hr fuel	=	26250
CHARGES PER SURVEY DAY (towards drafting, supervision, report):		
35 survey days @ 200/day		7000
CONTRACT LINECUTTING:		
42 line kilometers @ 375/km		15750
Total Expenditures:		77785

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:

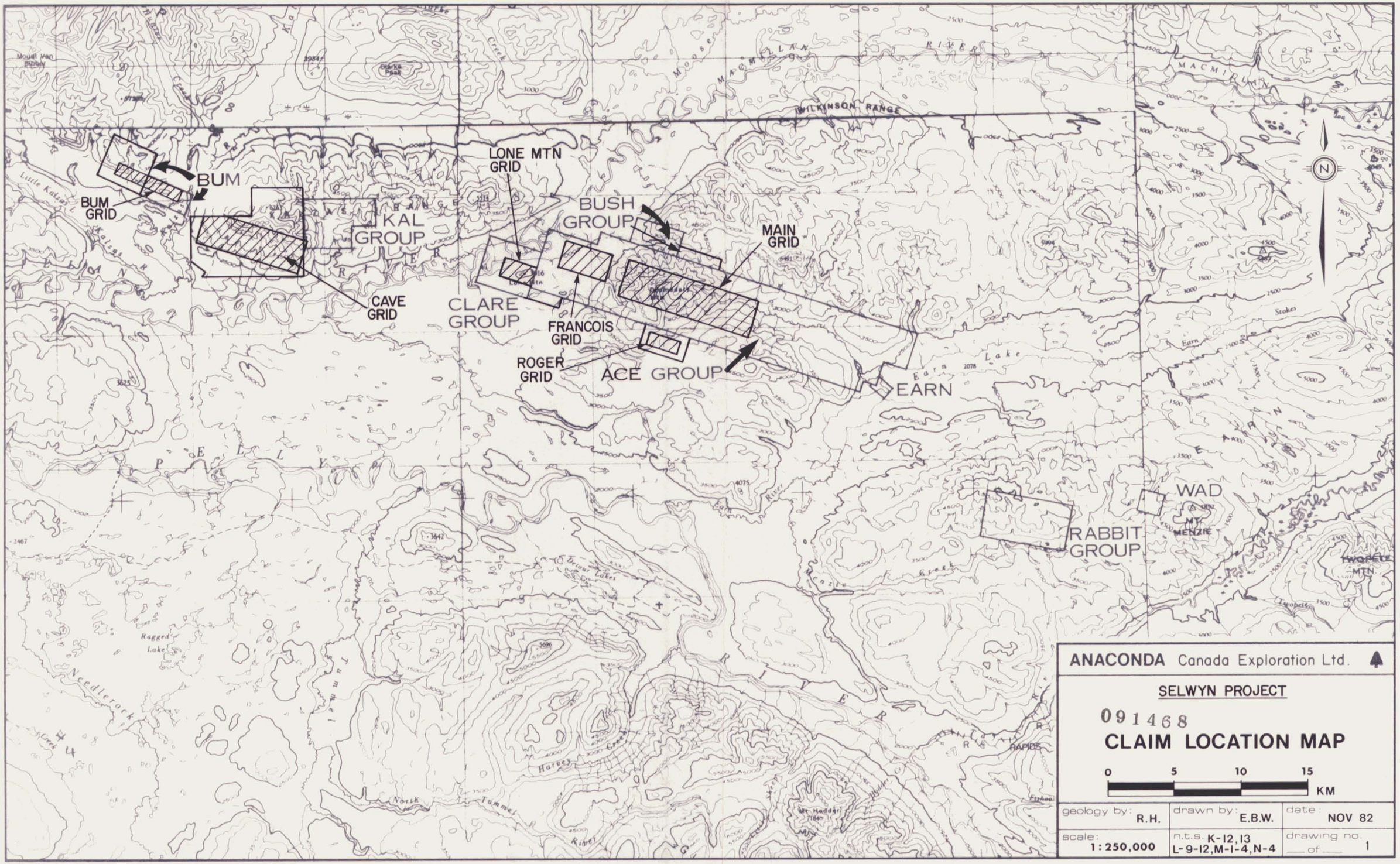
1. I graduated with a B. Sc. (geophysics) from the University of British Columbia in 1970.

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.

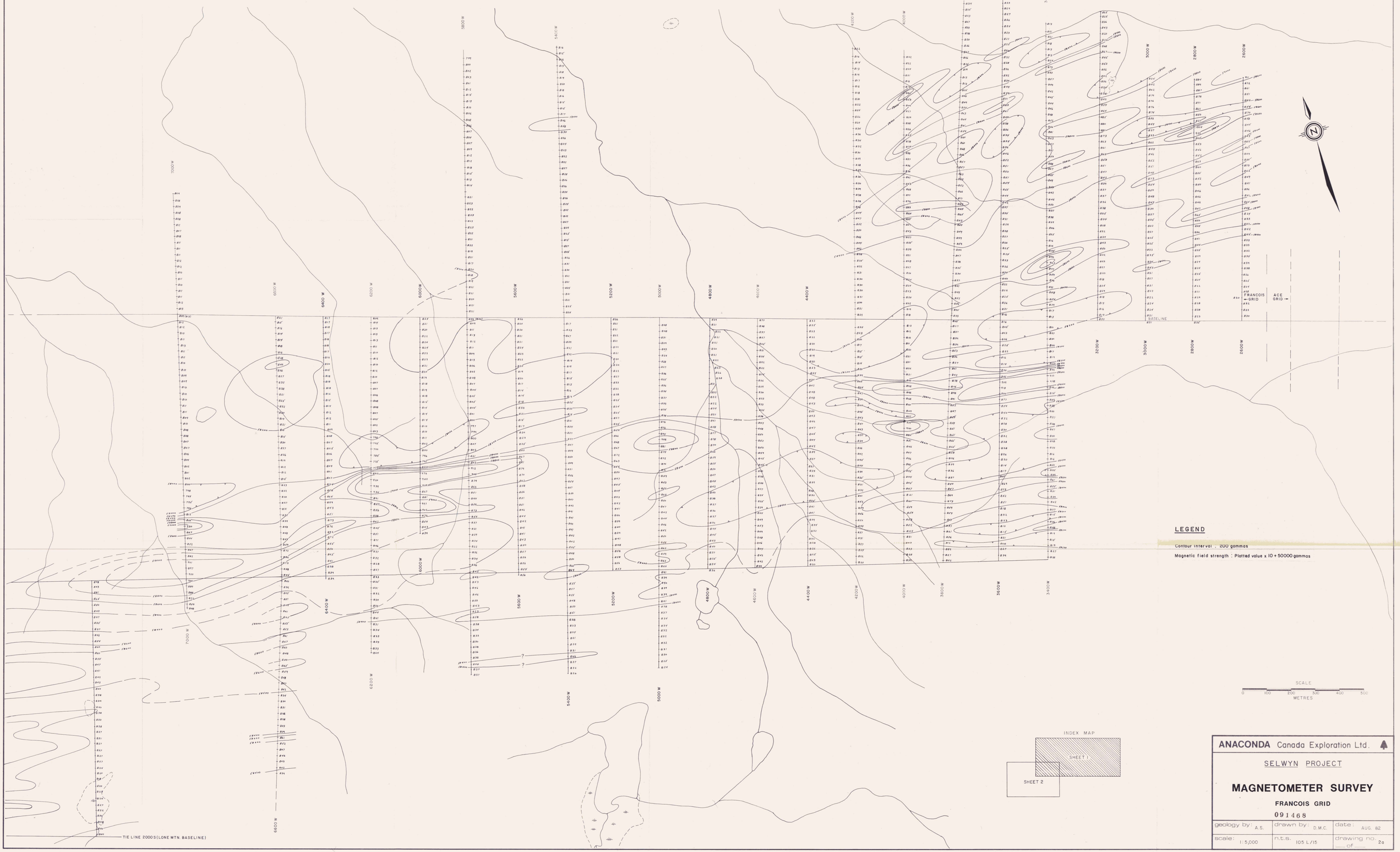
SELWYN PROJECT

091468

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

SCALE

0 100 200 300 400 500

METRES

INDEX MAP

SHEET 1

SHEET 2

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

MAGNETOMETER SURVEY

FRANCOIS GRID

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 82
scale: 1:5,000	n.t.s. 105 L/15	drawing no. ___ of ___ 2a

TIE-LINE

LONE MTN. GRID

FRANCOIS GRID

TIE-LINE 2000 S (LONE MTN. BASELINE)

TIE-LINE 2900 S

600E

800E (1981 SURVEY)

900E

1000E

1200E

1400E

1600E

1800E

2000E

1981 SURVEY

8200W

7800W

7400W

7000W

6400W

6200W

6600W

N

LEGEND

TOTAL FIELD MAGNETOMETER SURVEY

Contour Interval : 500 gammas

Magnetic Field Strength : Plotted value x 10 + 50,000 gammas

Note: lines with no data plotted are 1981 survey lines and are contoured at 58400, 58600, 59000 gammas only.

0 50 100 200 300 400 500 METRES

1:5000

INDEX MAP

SHEET 1

SHEET 2

ANACONDA Canada Exploration Ltd.

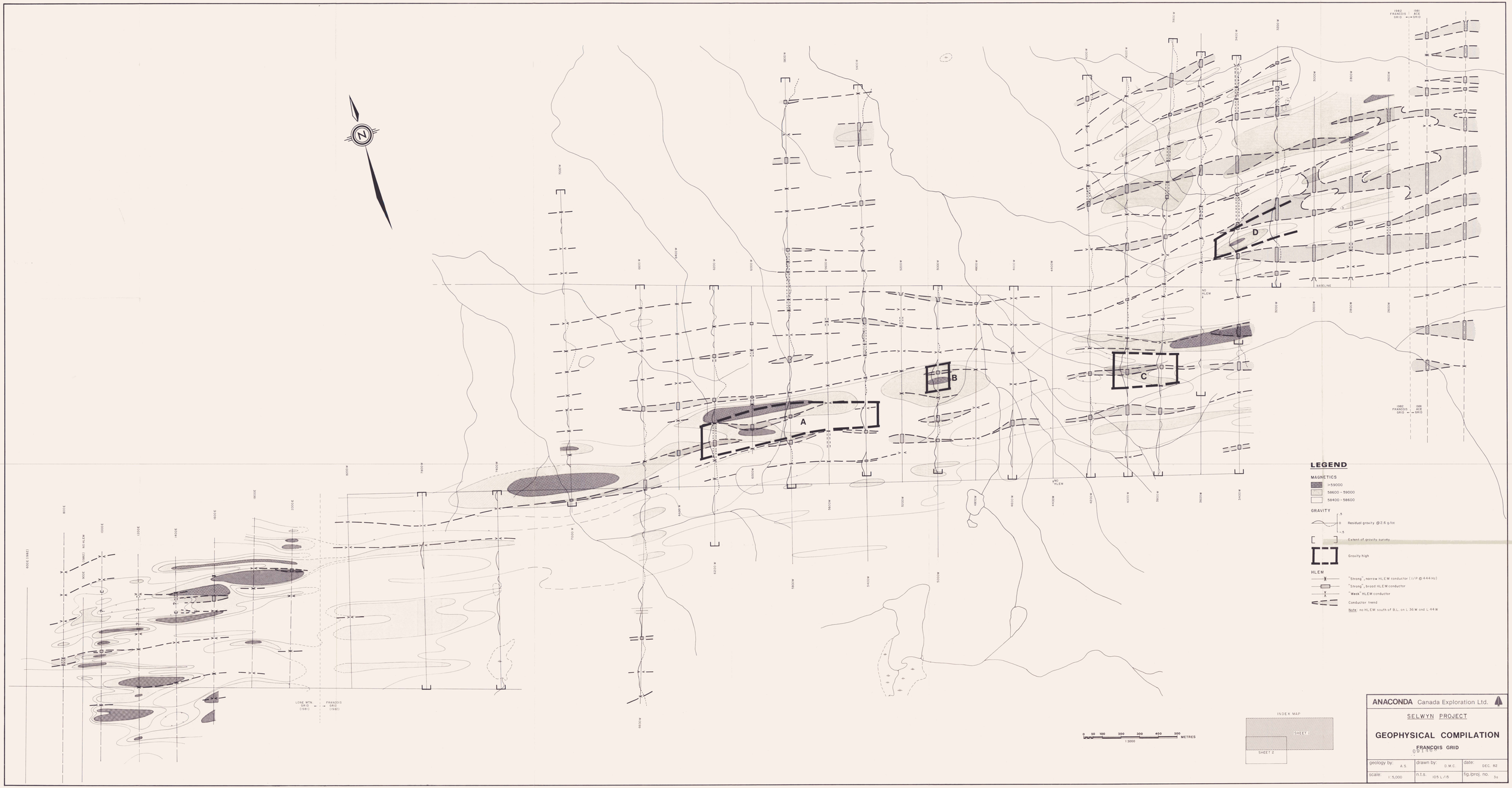
SELWYN PROJECT

MAGNETOMETER SURVEY

LONE MTN. / FRANCOIS GRIDS

091408

geology by: A.S.	drawn by: DMC	date: FEB. 1983
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 2b


A
B
C
D
BASELINE
NO HLEM
LEGEND
MAGNETICS
>59000
58600 - 58800
58400 - 58600
GRAVITY
Residual gravity @ 2.6 g/cc
Extent of gravity survey
Gravity high
HLEM
"Strong", narrow HLEM conductor (1/P @ 444 Hz)
"Strong", broad HLEM conductor
"Weak" HLEM conductor
Conductor trend
Note: no HLEM south of B.L. on L 36 W and L 44 W
0 50 100 200 300 400 500 METRES
1:3000
INDEX MAP
SHEET
SHEET 2
ANACONDA Canada Exploration Ltd.
SELWYN PROJECT
GEOPHYSICAL COMPILATION
FRANÇOIS GRID
093 I/5
geology by: A.S.
drawn by: D.M.C.
date: DEC. 82
scale: 1:5,000
n.t.s. 105 L-15
fig./proj. no. 3a

TIE-LINE

LONE MTN. GRID

FRANCOIS GRID

TIE-LINE 2000 S (LONE MTN. BASELINE)

TIE-LINE 2900 S

600E 800E 900E 1000E 1200E 1400E 1600E 1800E 2000E 8200W 7800W 7400W 7000W 6400W 6200W 6600W

N

LEGEND

MAGNETICS

- >59000
- 58600 - 59000
- 58400 - 58600

GRAVITY

- .5
- 0 — Residual gravity @ 2.6 g/cc
- -.5
- [ ] — Extent of gravity survey

HLEM

- "Strong", narrow HLEM conductor (I/P @ 444 Hz)
- "Strong", broad HLEM conductor
- "Weak" HLEM conductor
- Conductor trend

Note: no HLEM south of B.L. on L 36W and L 44W

0 50 100 200 300 400 500 METRES

1:5000

INDEX MAP

SHEET 1

SHEET 2

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

GEOPHYSICAL COMPILATION

LONE MTN. / FRANCOIS GRIDS

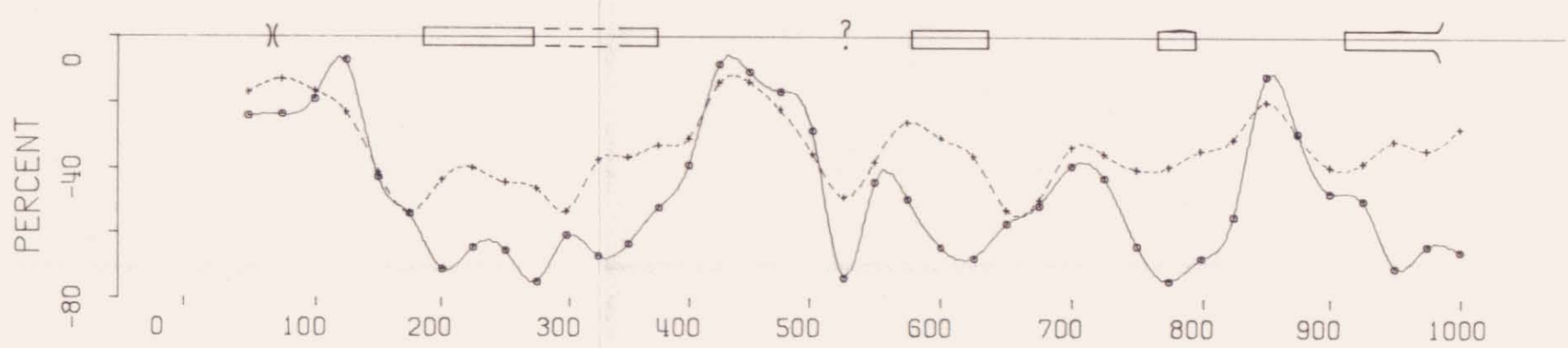
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geology by: A.S.	drawn by: DMC	date: FEB. 1983
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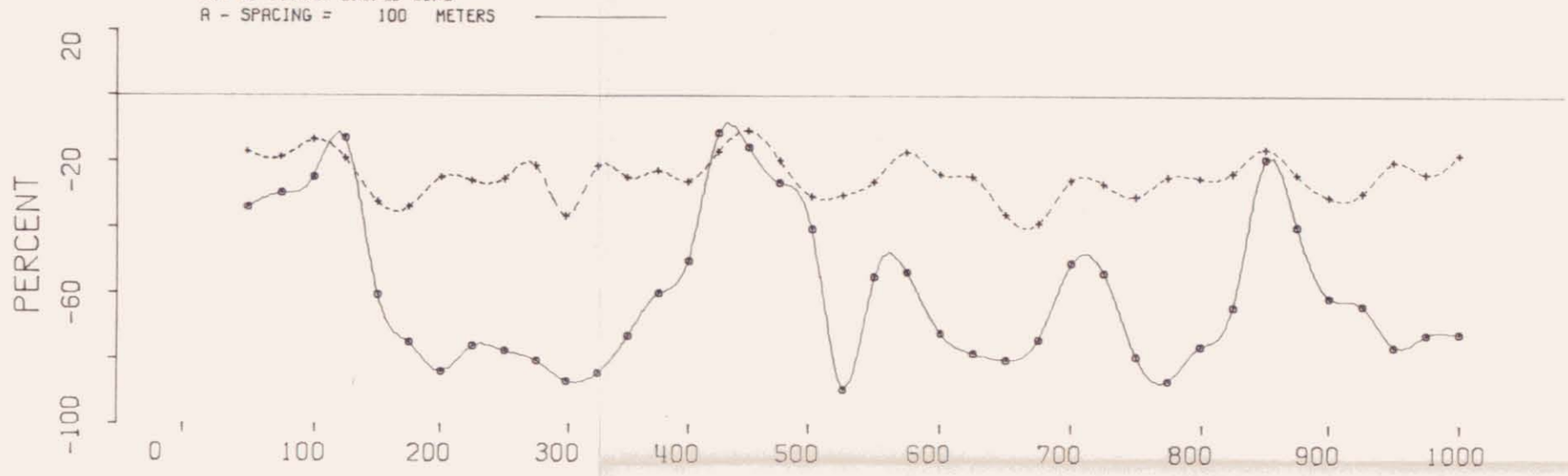
MAGNETICS



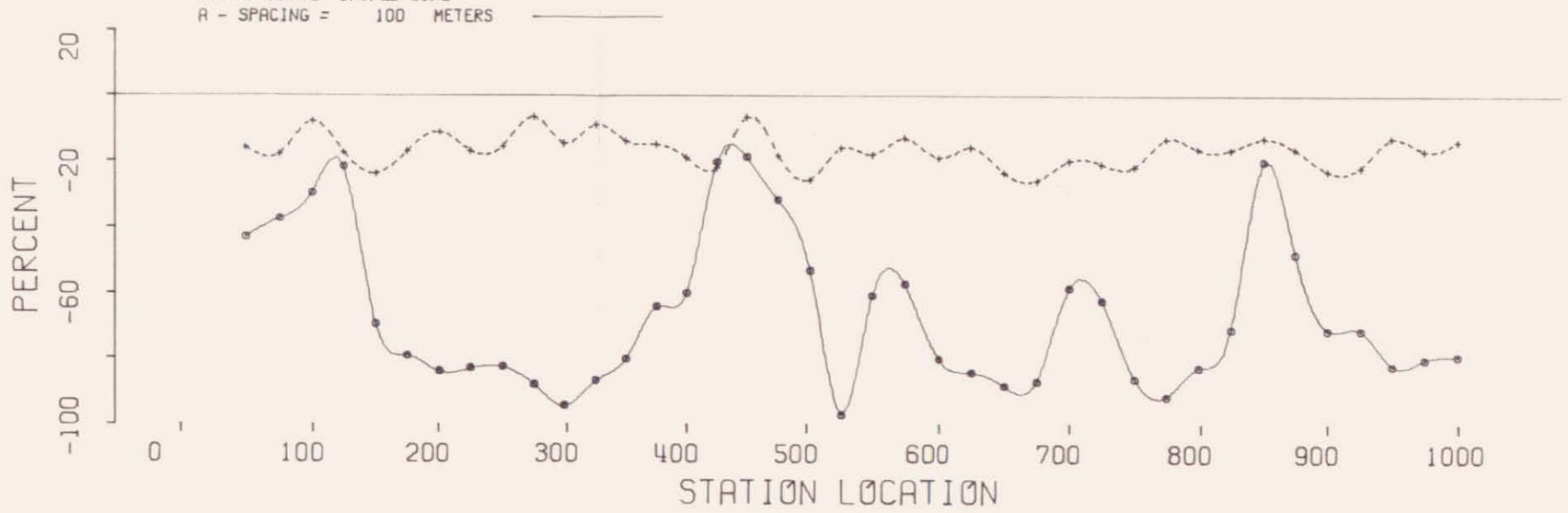
FREQUENCY: 444 HERTZ
IN-PHASE: SOLID LINE, OUT-OF-PHASE: DASHED LINE, A-SPACING = 100 METRES



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 -- FRANCOIS GRID LINE 2600 WEST

TOPOGRAPHY



LEGEND

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

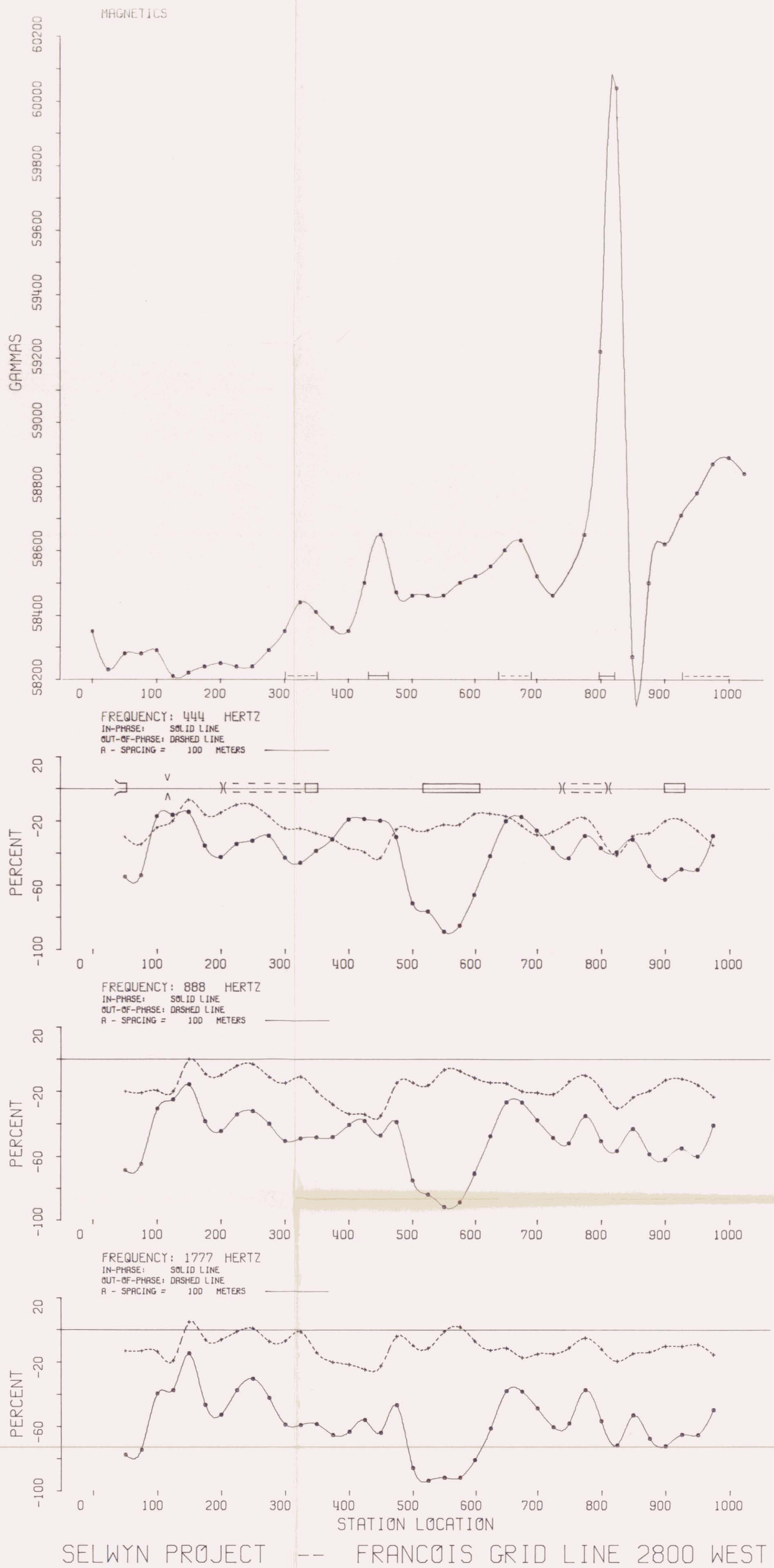
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

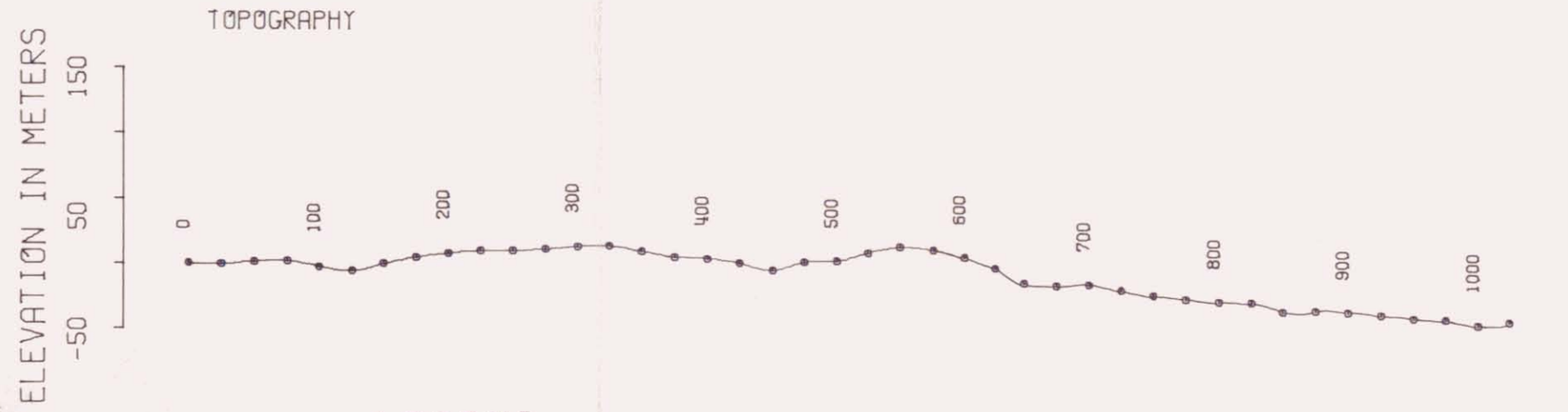
FRANCOIS GRID LINE 2600 W

091468

geology by: A.S.	drawn by: DMC	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	drawing no. 4 of ___



SELWYN PROJECT -- FRANCOIS GRID LINE 2800 WEST



LEGEND

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

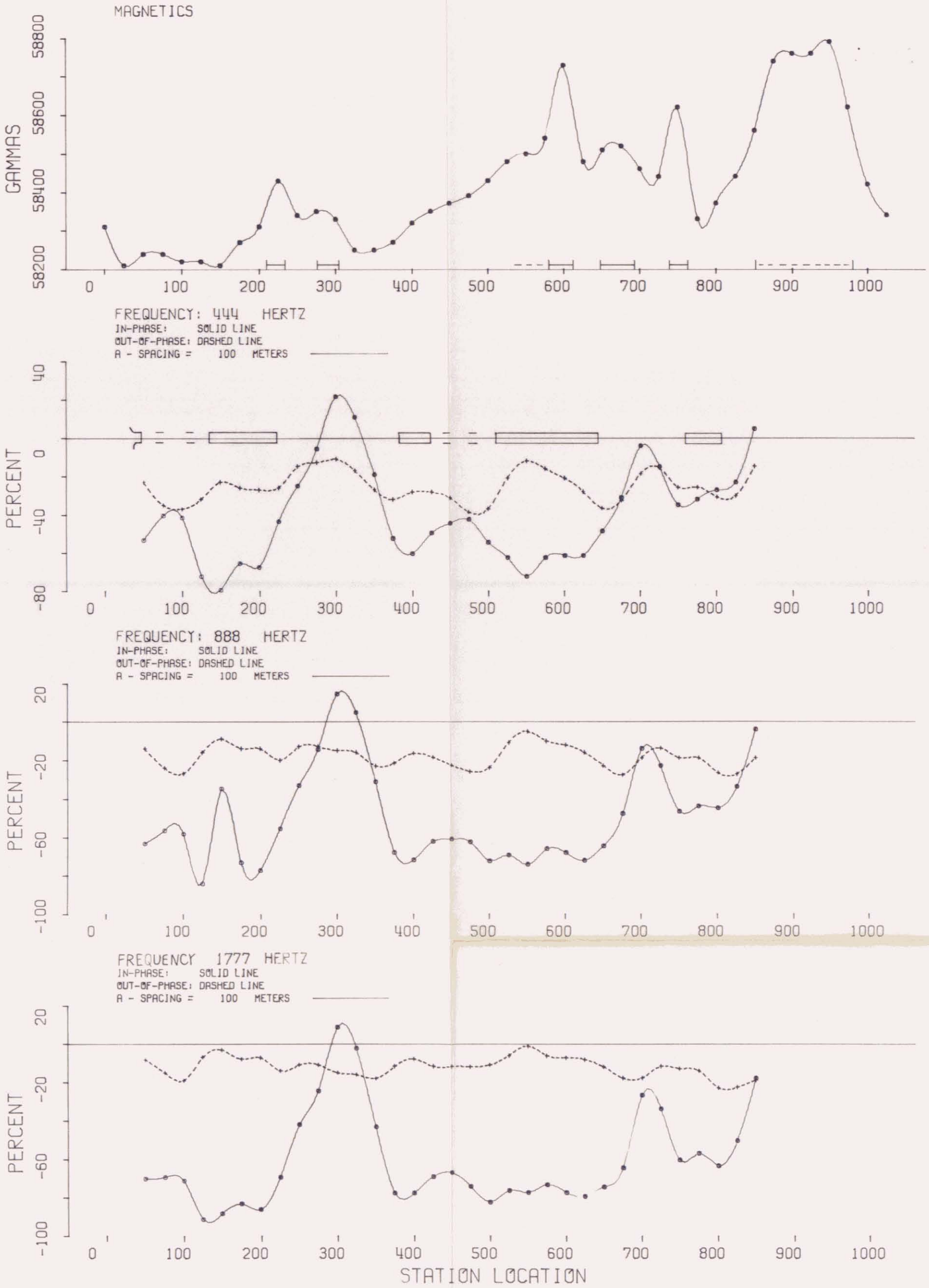
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

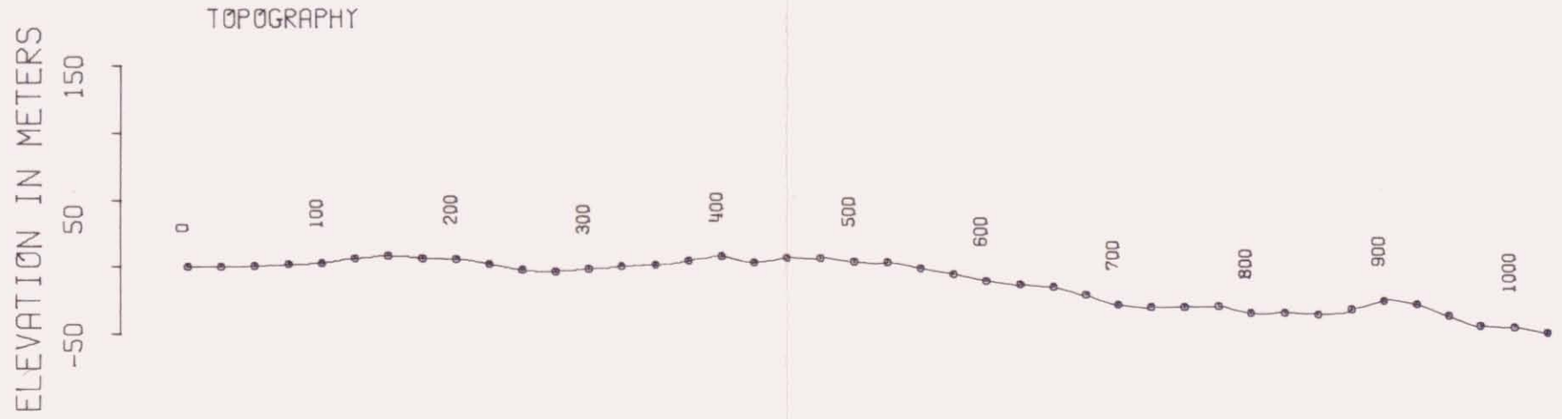
FRANCOIS GRID LINE 2800 W

091468

geology by: A.S.	drawn by: D.M.C.	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 5



SELWYN PROJECT -- FRANCOIS GRID LINE 3000 WEST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

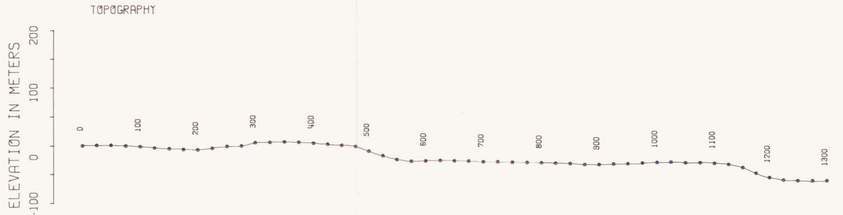
FRANCOIS GRID LINE 3000 W

091468

geology by: A.S.	drawn by: DMC	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 6



SELWYN PROJECT -- FRANCOIS GRID LINE 3200 WEST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID LINE 3200 W

091468

geology by: A.S.	drawn by: D.M.C.	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 7

RELATIVE ELEVATION X2 VERTICAL

TERRAIN CORRECTION @2.0 g/cc (milligals)

to 50 metres

to 390 metres

GRAVITY (milligals)

BOUGUER DENSITY
2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

0.45

0.2

0.3

MAGNETOMETER (gammas)

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT

STATION LOCATION

SELWYN PROJECT-FRANCOIS LINE 3400W

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor
- Magnetic Anomaly
- Broad Magnetic High
- 0.2 — Residual Gravity High and Amplitude (milligals)

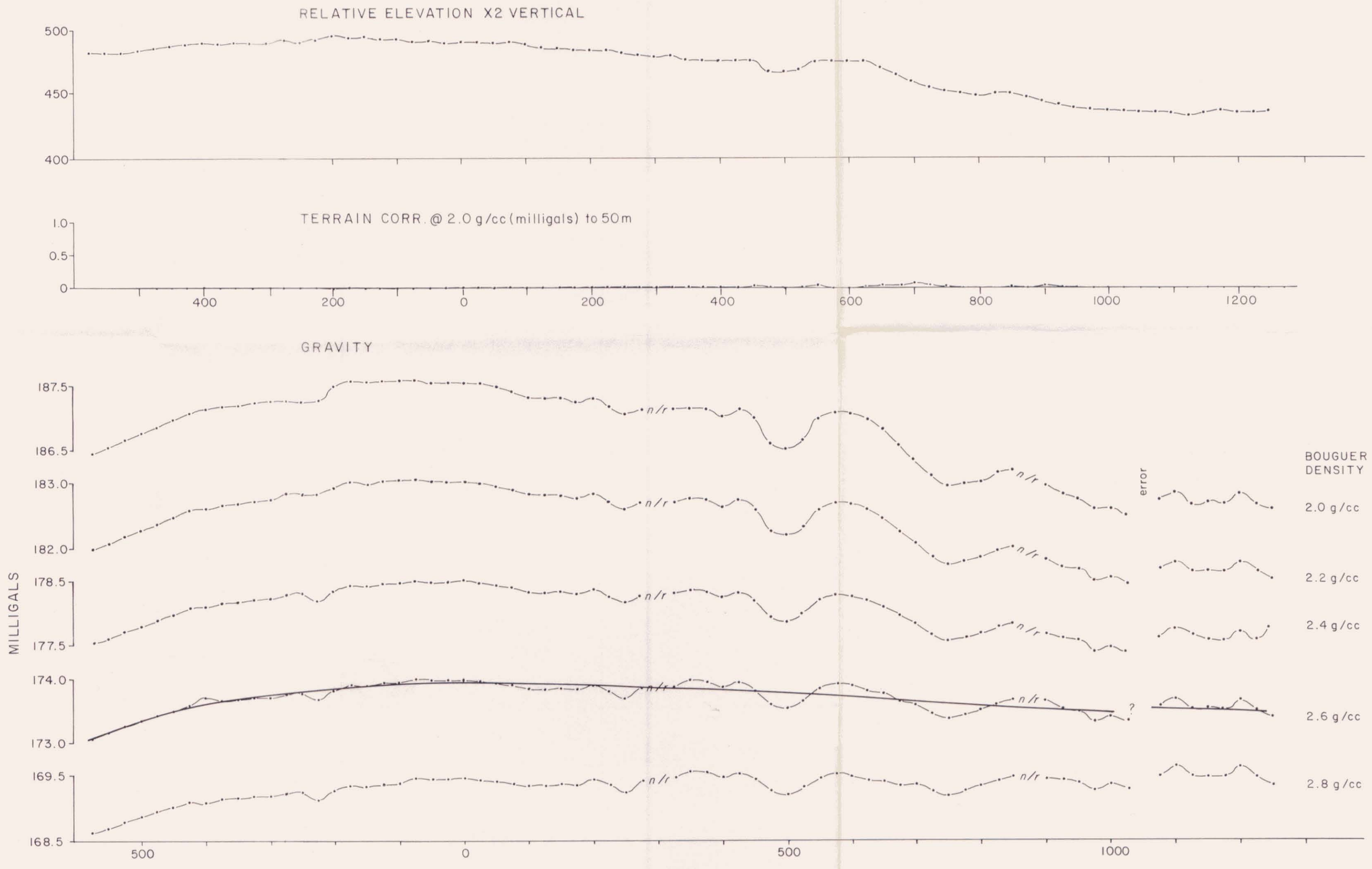
ANACONDA Canada Exploration Ltd.

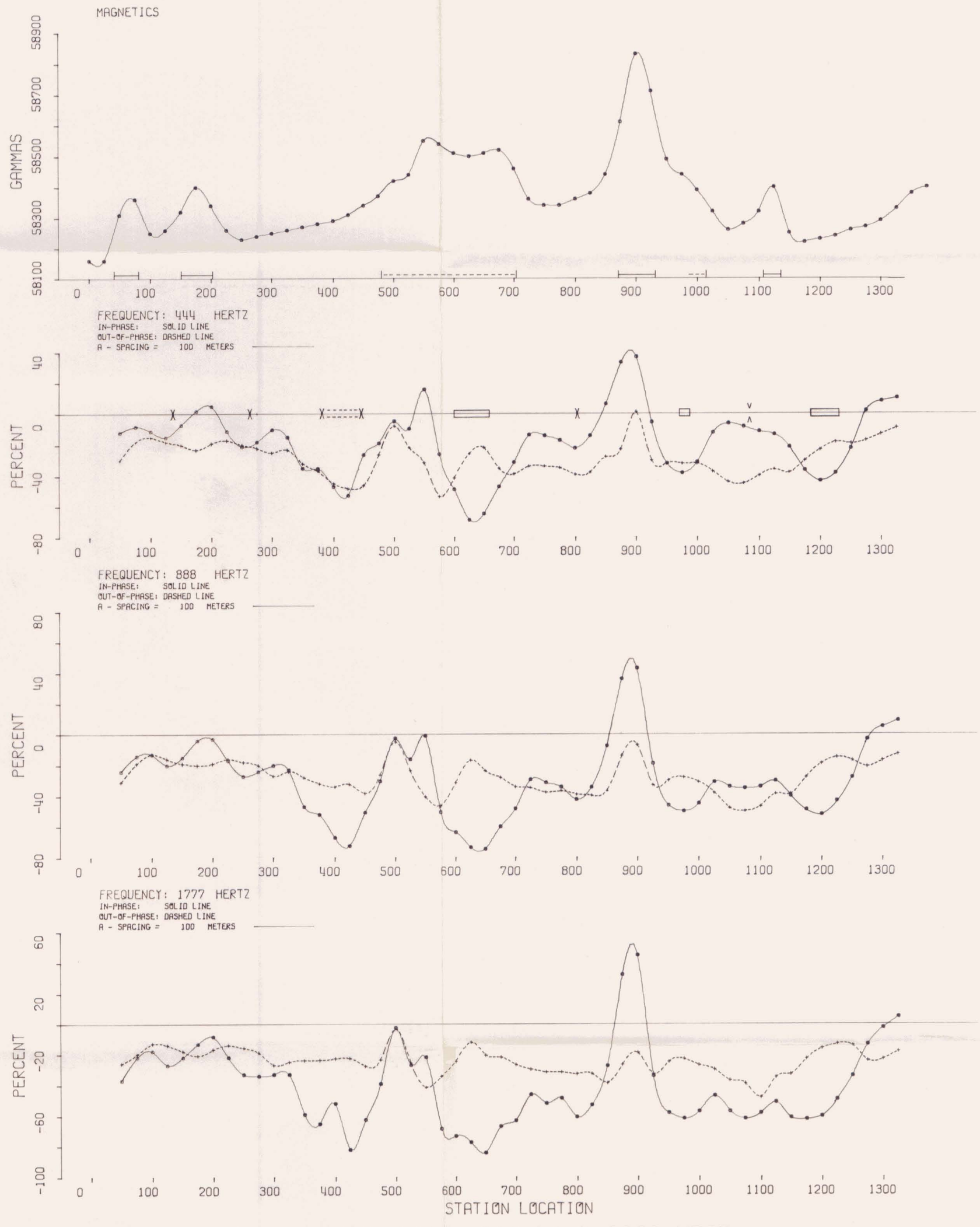
SELWYN PROJECT

FRANCOIS GRID-LINE 3400 W

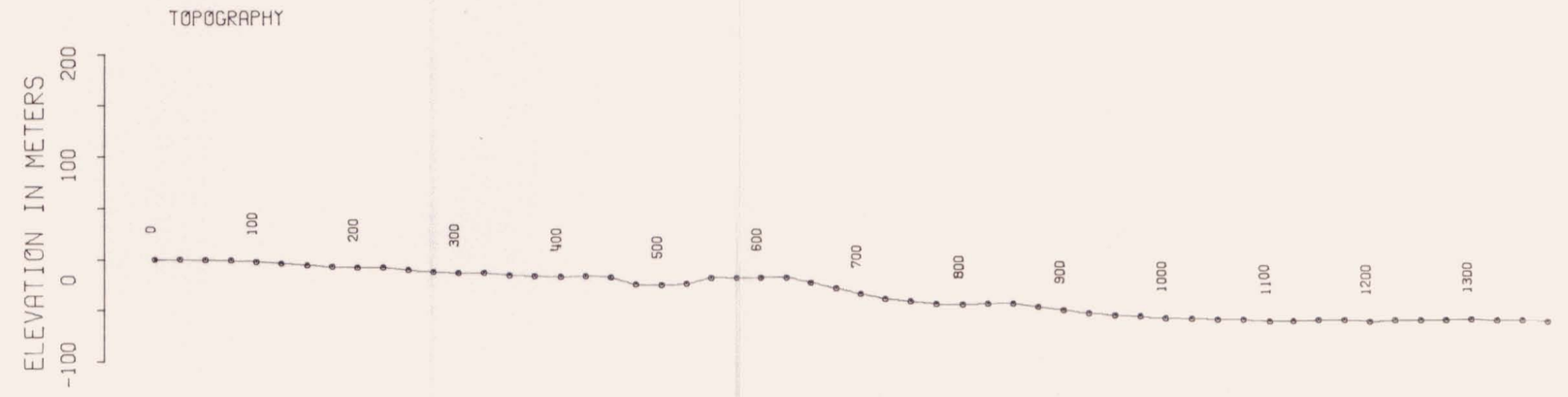
091468

geology by: A.S.	drawn by: E.B.W.	date: JULY 1982
scale: 1:5000	n.t.s. 105L-15	drawing no. 8 of ___





SELWYN PROJECT -- FRANCOIS GRID LINE 3600 WEST



LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Broad Magnetic High
- Magnetic Anomaly
- 0.2 — Residual Gravity High and Amplitude (milligals)

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID LINE 3600 W

091468

geology by: A.S.	drawn by: D.M.C.	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 9

RELATIVE ELEVATION X2 VERTICAL

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50m

GRAVITY (milligals)

BOUGUER DENSITY

2.0 g/cc

2.2 g/cc

2.4 g/cc

2.6 g/cc

2.8 g/cc

N/R

MAGNETOMETER (gammas)

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT

STATION LOCATION

SELWYN PROJECT - FRANCOIS LINE 3800W

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID - LINE 3800 W

091468

geology by: A.S.	drawn by: D.M.C.	date: JULY 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 10

RELATIVE ELEVATION X2 VERTICAL

550
500
450

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50 m

1.0
0.0

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

GRAVITY (milligals)

187.5
186.5
183.0
182.0
178.5
177.5
174.5
173.5
170.0
169.0

0.45

n/r

BOUGUER DENSITY

2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

MAGNETOMETER (gammas)

59200
59000
58800
58600
58400
58200
58000

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
60
20
-20
-60

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
40
0
-40
-80

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
40
0
-40
-80

-900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000

STATION LOCATION

SELWYN PROJECT - FRANCOIS LINE 4000W

TOPOGRAPHY

ELEVATION IN METERS
150
50
-50

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor
- Magnetic Anomaly
- Broad Magnetic High
- 0.2 — Residual Gravity High and Amplitude (milligals)

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID - LINE 4000W

091468

geology by: A.S.	drawn by: D.M.C.	date: JULY 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 11

RELATIVE ELEVATION X2 VERTICAL

550
500
450
1000 S 800 600 400 200 0 200 400 600 800 1000

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50m

1.0
0.0
1000 S 800 600 400 200 0 200 400 600 800 1000

GRAVITY (milligals)

189.0
188.0
184.2
183.2
180.0
179.0
176.0
172.0
175.0
171.0

N/R
0.2
0.1
?

BOUGUER DENSITY
2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

1000 S 800 600 400 200 0 200 400 600 800 1000

MAGNETOMETER (gammas)

58600
58400
58200
58000
900 800 700 600 500 400 300 200 100 0 100 200 300 400 500 600 700 800 900 1000 1100

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
40
0
-40
-900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
60
20
-20
-60
-900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
60
20
-20
-60
-900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000
STATION LOCATION

SELWYN PROJECT - FRANCOIS LINE 4200W

TOPOGRAPHY

ELEVATION IN METERS
150
50
-50
-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor
- Magnetic Anomaly
- Broad Magnetic High
- 0.2 — Residual Gravity High and Amplitude (milligals)

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID - LINE 4200 W

091468

geology by: A. S.	drawn by: E. B. W.	date: JULY 1982
scale: 1:5000	n.t.s. 105L-15	drawing no. ___ of ___ 12

RELATIVE ELEVATION X2 VERTICAL

500
420

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50 m

1.0
0.0

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

GRAVITY (milligals)

190.0
189.0
185.5
184.5
181.5
180.5
177.5
176.5
173.0
172.0

BOUGUER DENSITY

2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

MAGNETOMETER (gammas)

58900
58700
58500
58300
58100

due to steel survey nail →

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT 20 -20

-900 -800 -700 -600 -500 -400 -300 -200 -100

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT 20 -20

-900 -800 -700 -600 -500 -400 -300 -200 -100

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT 60 20 -20

-900 -800 -700 -600 -500 -400 -300 -200 -100

STATION LOCATION

SELWYN PROJECT - FRANCOIS LINE 4600W

TOPOGRAPHY

ELEVATION IN METERS 150 50 -50

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor
- Magnetic Anomaly
- Broad Magnetic High
- 0.2 — Residual Gravity High and Amplitude (milligals)

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SELWYN PROJECT

FRANCOIS GRID - LINE 4600W

091468

geology by: A.S.	drawn by: D.M.C.	date: JULY 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 13



SELWYN PROJECT -- FRANCOIS GRID LINE 4800 WEST

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID LINE 4800 W

091468

geology by: A.S.	drawn by: DMC	date: APRIL 82
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 14



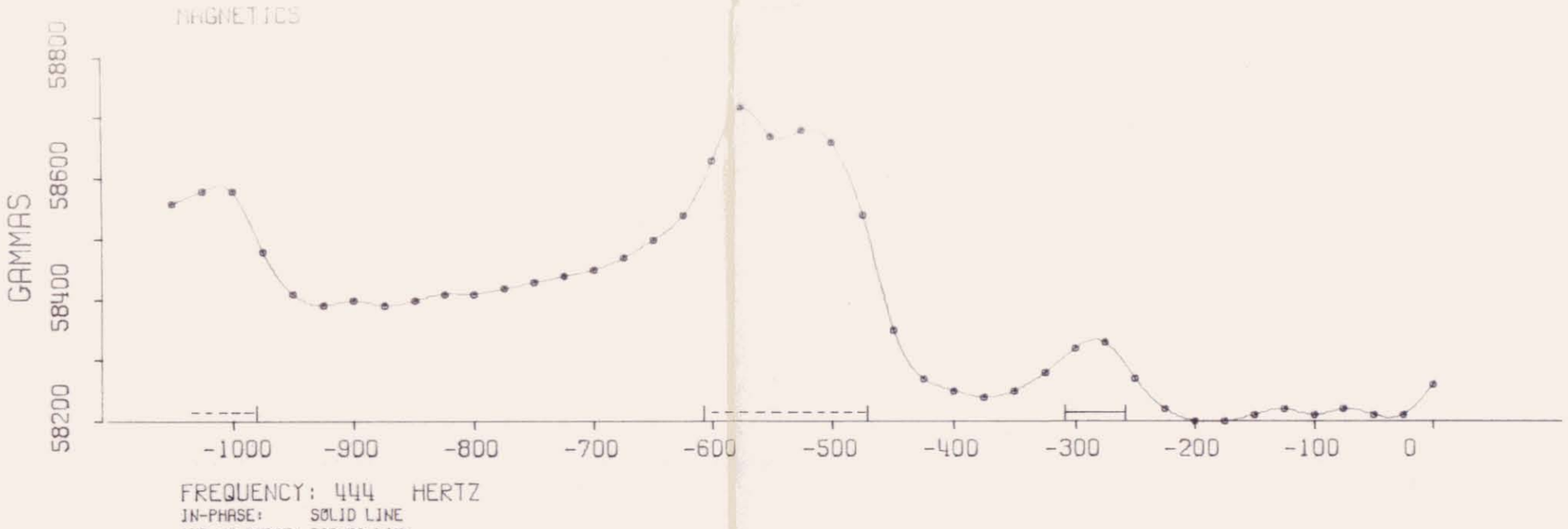
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

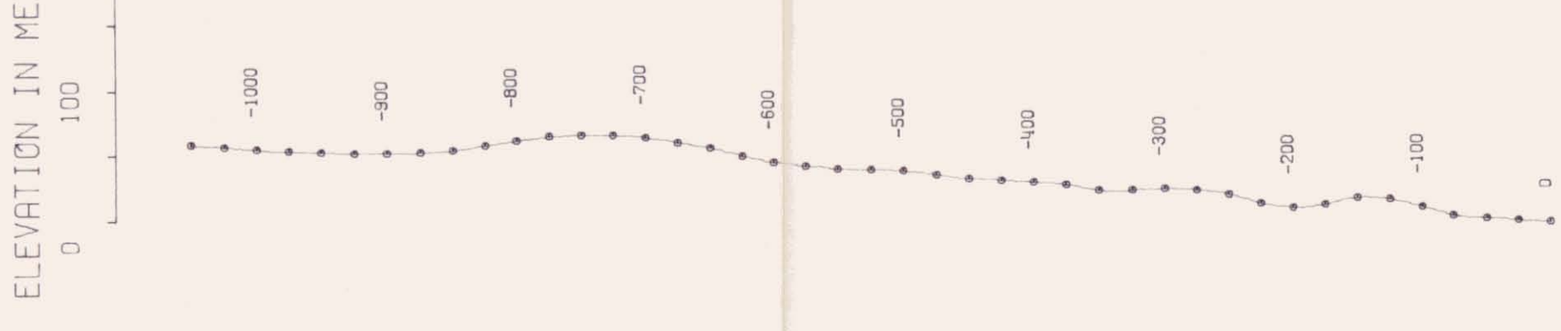
FRANCOIS GRID - LINE 5000 W

091468

geology by: A.S.	drawn by: D.M.C.	date: JULY 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 15



SELWYN PROJECT -- FRANCOIS GRID LINE 5200 WEST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID LINE 5200 W

091468

geology by: A.S.	drawn by: DMC	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	drawing no. 16 of ___

RELATIVE ELEVATION X 2 VERTICAL

600 550 500 450 400

-1000 S -800 -600 -400 -200 0 200 400 600 800 1000

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50 m

1.0 0.0 193.0 195.0

-1000 S -800 -600 -400 -200 0 200 400 600 800 1000

GRAVITY (milligals)

188.0 187.0 184.0 183.0 180.0 179.0 172.0 174.0

BOUGUER DENSITY

2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

-1000 S -800 -600 -400 -200 0 200 N 400 600 800 1000

MAGNETOMETER (gammas)

58800 58600 58400 58200 58000

400

-1000 S -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 N 200 300 400 500 600 700 800 900 1000 1100

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT 40 0 -40 -80

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT 40 0 -40 -80

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000

HORIZONTAL LOOP EM

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT 20 -20 -60 -100

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000

STATION LOCATION

SELWYN PROJECT - FRANCOIS LINE 5400W

TOPOGRAPHY

ELEVATION IN METERS 250 150 50 -50

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor
- Magnetic Anomaly
- Broad Magnetic High
- 0.2 — Residual Gravity High and Amplitude (milligals)

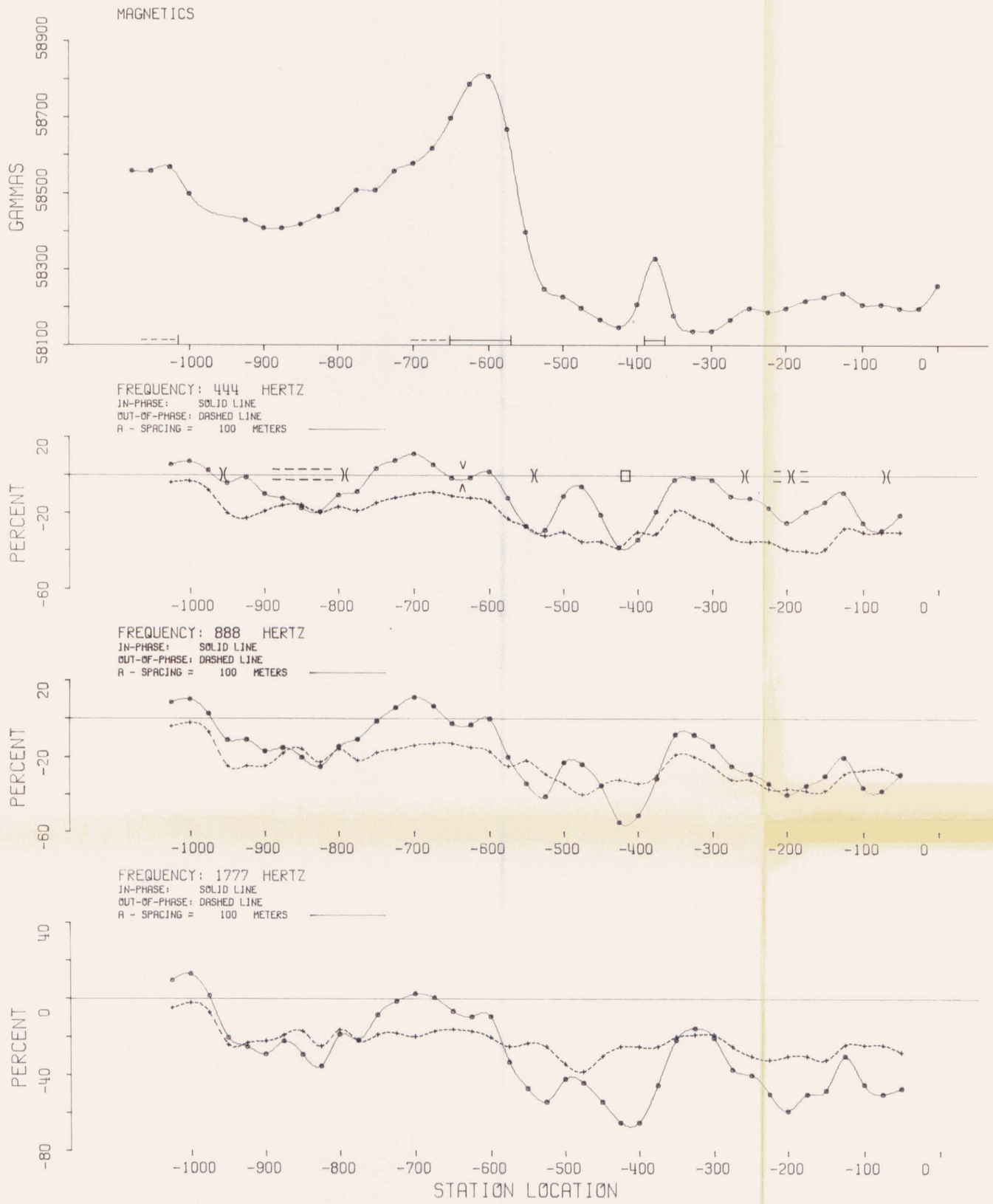
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID - LINE 5400 W

091468

geology by: A.S.	drawn by: E.B.W.	date: JULY 1982
scale: 1:5000	n.t.s. 105 L - 15	drawing no. ___ of ___ 17



SELWYN PROJECT -- FRANCOIS GRID LINE 5600 WEST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID LINE 5600 W

091468

geology by: A.S.	drawn by: DMC	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 18

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50 m

RELATIVE ELEVATION X2 VERTICAL

GRAVITY (milligals)

2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

BOUGUER DENSITY

MAGNETOMETER (gammas)

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT

STATION LOCATION

SELWYN PROJECT - FRANCOIS LINE 5800W

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

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

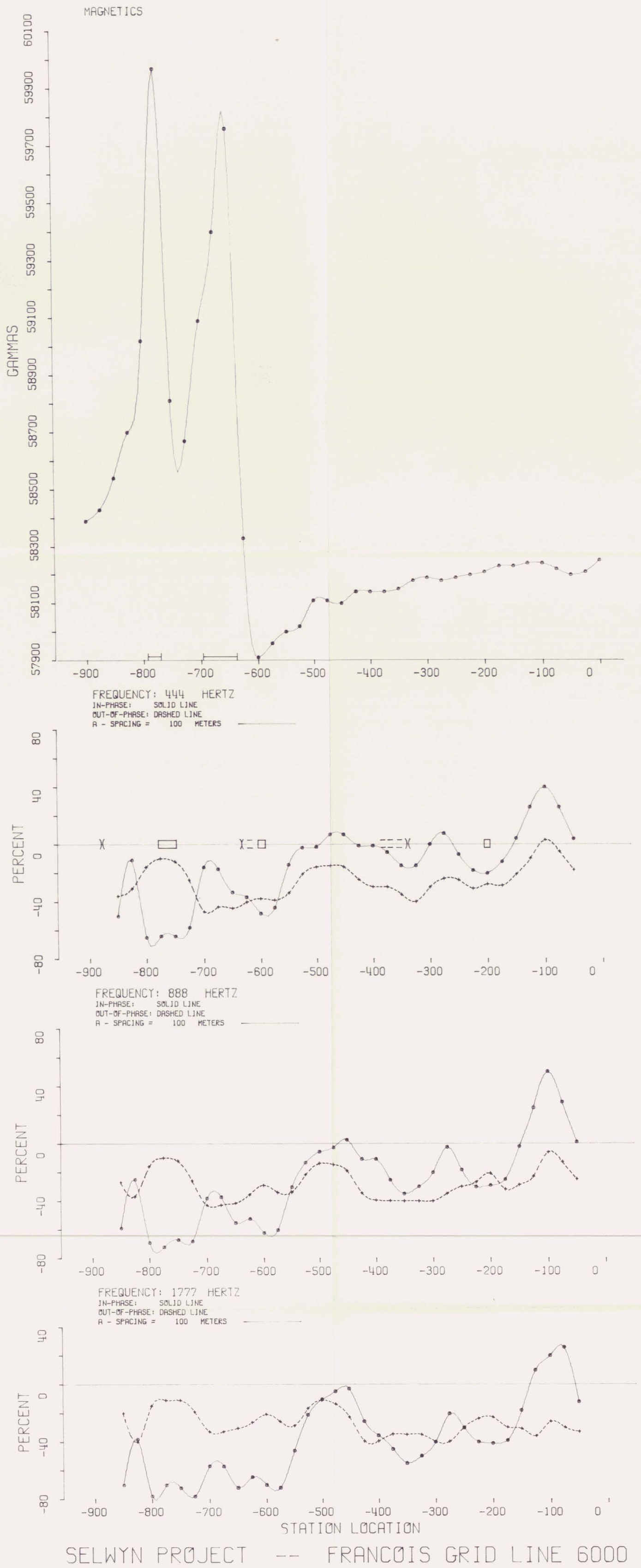
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SELWYN PROJECT

FRANCOIS GRID - LINE 5800 W

091468

geology by: A. S	drawn by: E. B. W	date: JULY 1982
scale: 1:5000	n.t.s. 105 L - 15	drawing no. ___ of ___ 19



SELWYN PROJECT -- FRANCOIS GRID LINE 6000 WEST



LEGEND

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

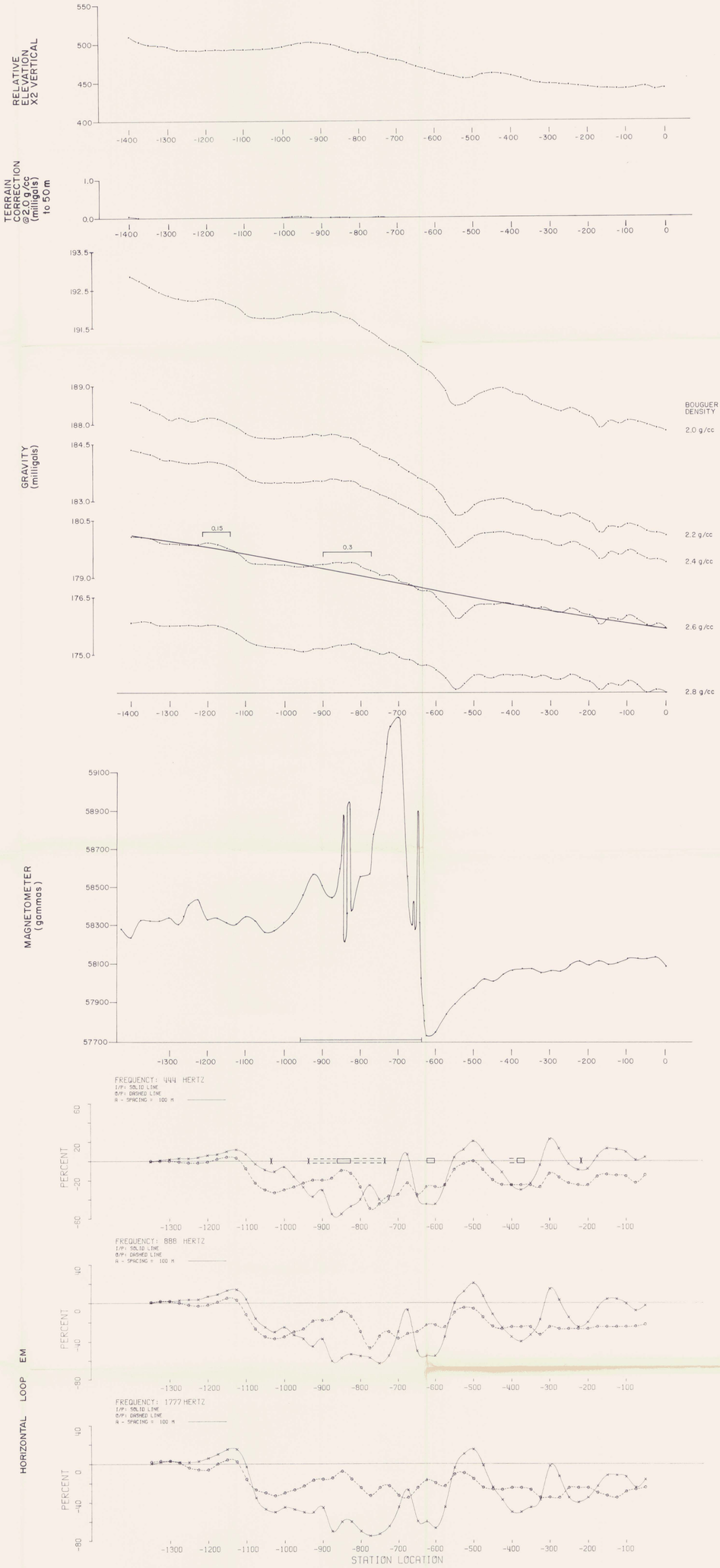
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SELWYN PROJECT

FRANCOIS GRID LINE 6000 W

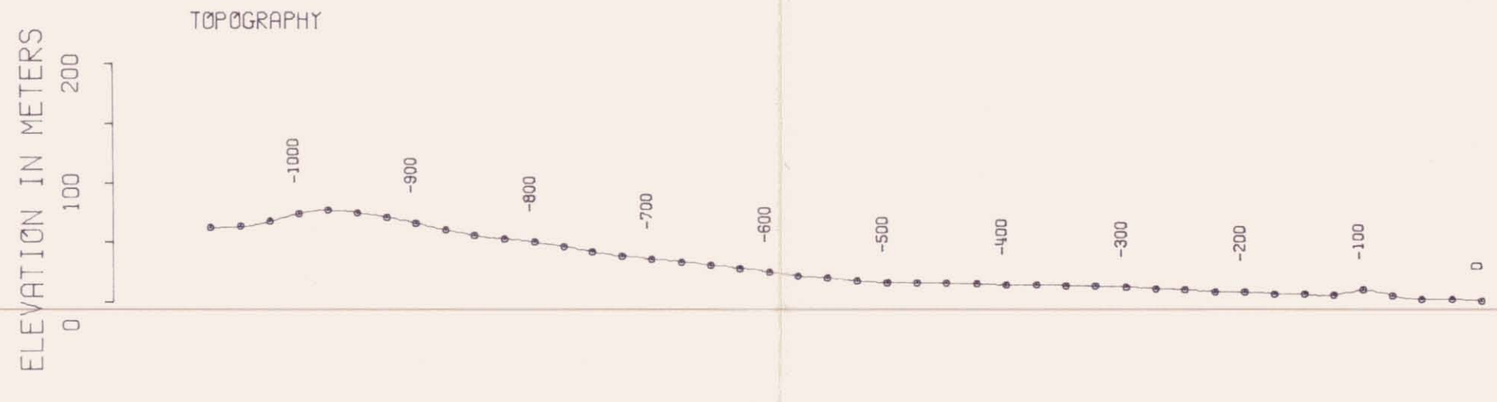
091468

geology by: A. S.	drawn by:	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 20


RELATIVE ELEVATION X2 VERTICAL
550
500
450
400
-1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0
TERRAIN CORRECTION @ 2.0 g/cc (milligals) to 50 m
1.0
0.0
-1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0
GRAVITY (milligals)
193.5
192.5
191.5
189.0
188.0
184.5
183.0
180.5
179.0
176.5
175.0
0.15
0.3
BOUGUER DENSITY
2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc
-1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0
MAGNETOMETER (gammas)
59100
58900
58700
58500
58300
58100
57900
57700
-1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0
HORIZONTAL LOOP EM
FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M
PERCENT
60
20
-20
-60
-1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100
FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M
PERCENT
40
0
-40
-80
-1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100
FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M
PERCENT
40
0
-40
-80
-1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100
STATION LOCATION
SELWYN PROJECT - FRANCOIS LINE 6200W
TOPOGRAPHY
ELEVATION IN METERS
250
150
50
-50
-1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0
LEGEND
Broad HLEM Conductor (I/P @ 444 Hz)
Narrow HLEM Conductor (I/P @ 444 Hz)
Weak HLEM Conductor
Magnetic Anomaly
Broad Magnetic High
0.2
Residual Gravity High and Amplitude (milligals)
ANACONDA Canada Exploration Ltd.
SELWYN PROJECT
FRANCOIS GRID - LINE 6200W
091468
geology by: A.S.
drawn by: D.M.C.
date: JULY 1982
scale: 1:5000
n.t.s.
drawing no: 21 of 21



SELWYN PROJECT -- FRANCOIS GRID LINE 6400 WEST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID LINE 6400 W

091468

geology by: A.S.	drawn by: DMC	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 22

TERRAIN CORR. @ 2.0 g/cc (milligals) to 50 m

RELATIVE ELEVATION X2 VERTICAL

GRAVITY

MILLIGALS

BOUGUER DENSITY
2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

(?)

0.2

0.2

MAGNETICS

GAMMAS

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

PERCENT

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

PERCENT

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

PERCENT

STATION LOCATION

SELWYN PROJECT -- FRANCOIS GRID LINE 6600 WEST

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID LINE 6600 W

091468

geology by: A.S.	drawn by: D.M.C.	date: APR 81
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 2

RELATIVE ELEVATION X2 VERTICAL

500
450
400

-1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50 m

1.0
0.0

-1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500

GRAVITY (milligals)

192.5
191.5
188.5
187.5
184.5
183.5
180.5
179.5
176.5
175.5

BOUGUER DENSITY
2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

?
? ?

-1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400

MAGNETOMETER (gammas)

59100
58900
58700
58500
58300
58100
57900

possibly due to steel survey nail

-1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
40
0
-40

-1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
60
20
-20
-60

-1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
60
20
-20
-60

-1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400

STATION LOCATION

SELWYN PROJECT - FRANCOIS LINE 7000W

TOPOGRAPHY

ELEVATION IN METERS
250
150
50
-50

-1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500

LEGEND

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

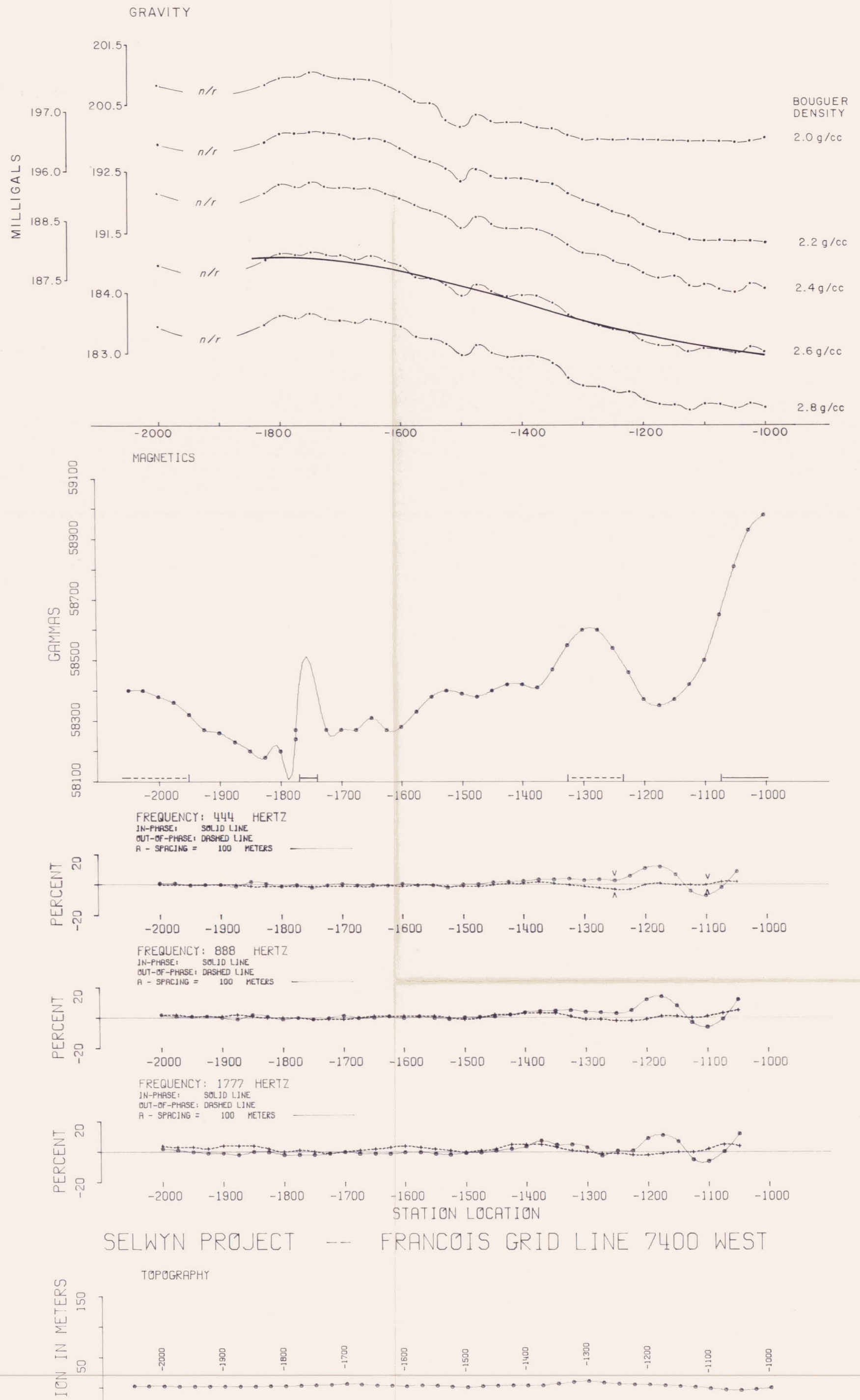
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SELWYN PROJECT

FRANCOIS GRID - LINE 7000W

091468 (NORTH LINE)

geology by: A.S.	drawn by: D.M.C.	date: JULY 1982
scale: 1:5000	n.t.s.	drawing no. ___ of ___ 24



SELWYN PROJECT -- FRANCOIS GRID LINE 7400 WEST



LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Broad Magnetic High
- Magnetic Anomaly
- 0.2 — Residual Gravity High and Amplitude (milligals)

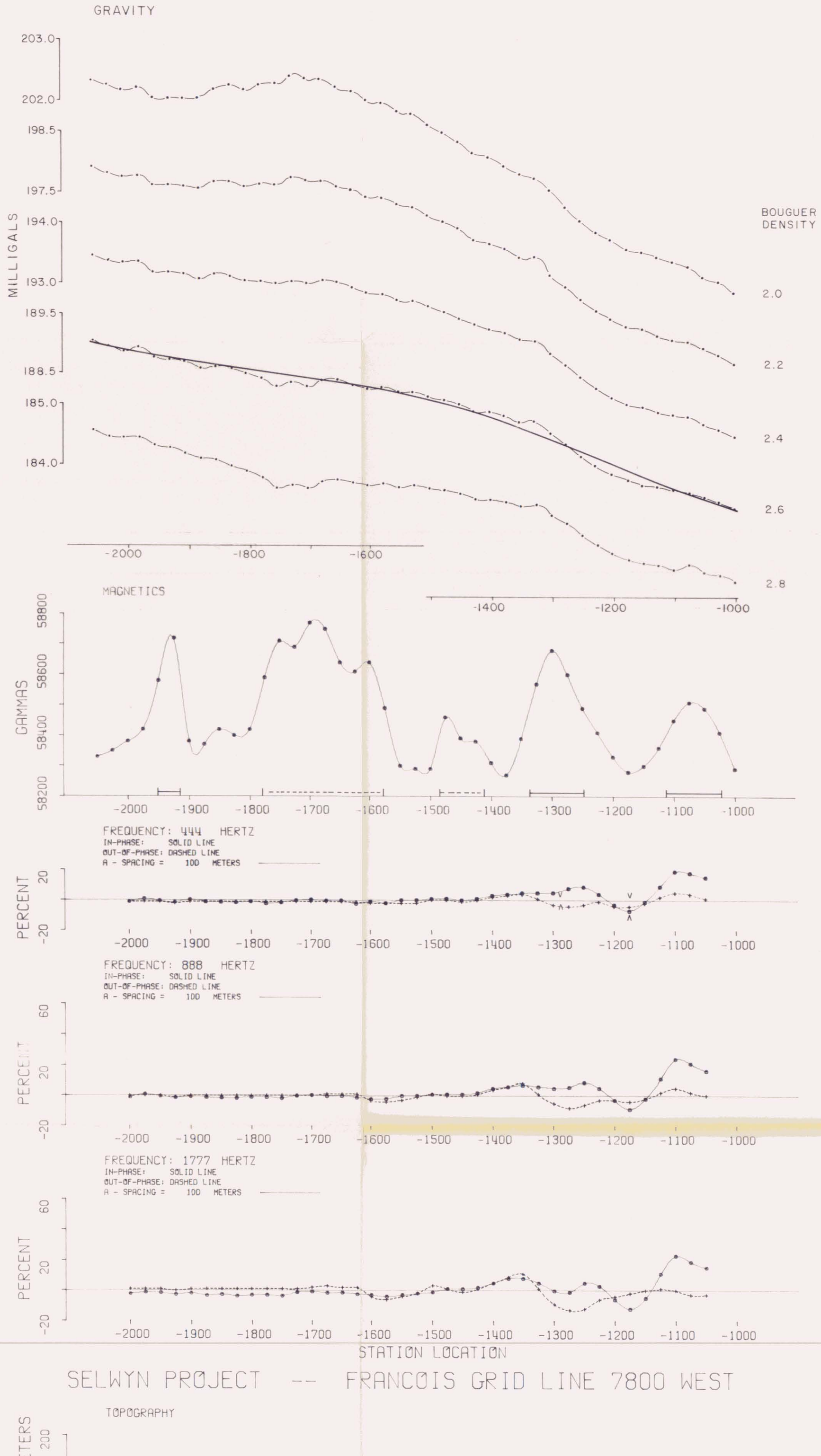
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SELWYN PROJECT

FRANCOIS GRID LINE 7400 W

091468

geology by: A.S.	drawn by: D.M.C.	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 25



SELWYN PROJECT -- FRANCOIS GRID LINE 7800 WEST

LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Broad Magnetic High
- 500 — Magnetic Anomaly and Amplitude (gammas)
- 0.2 — Residual Gravity High and Amplitude (milligals)

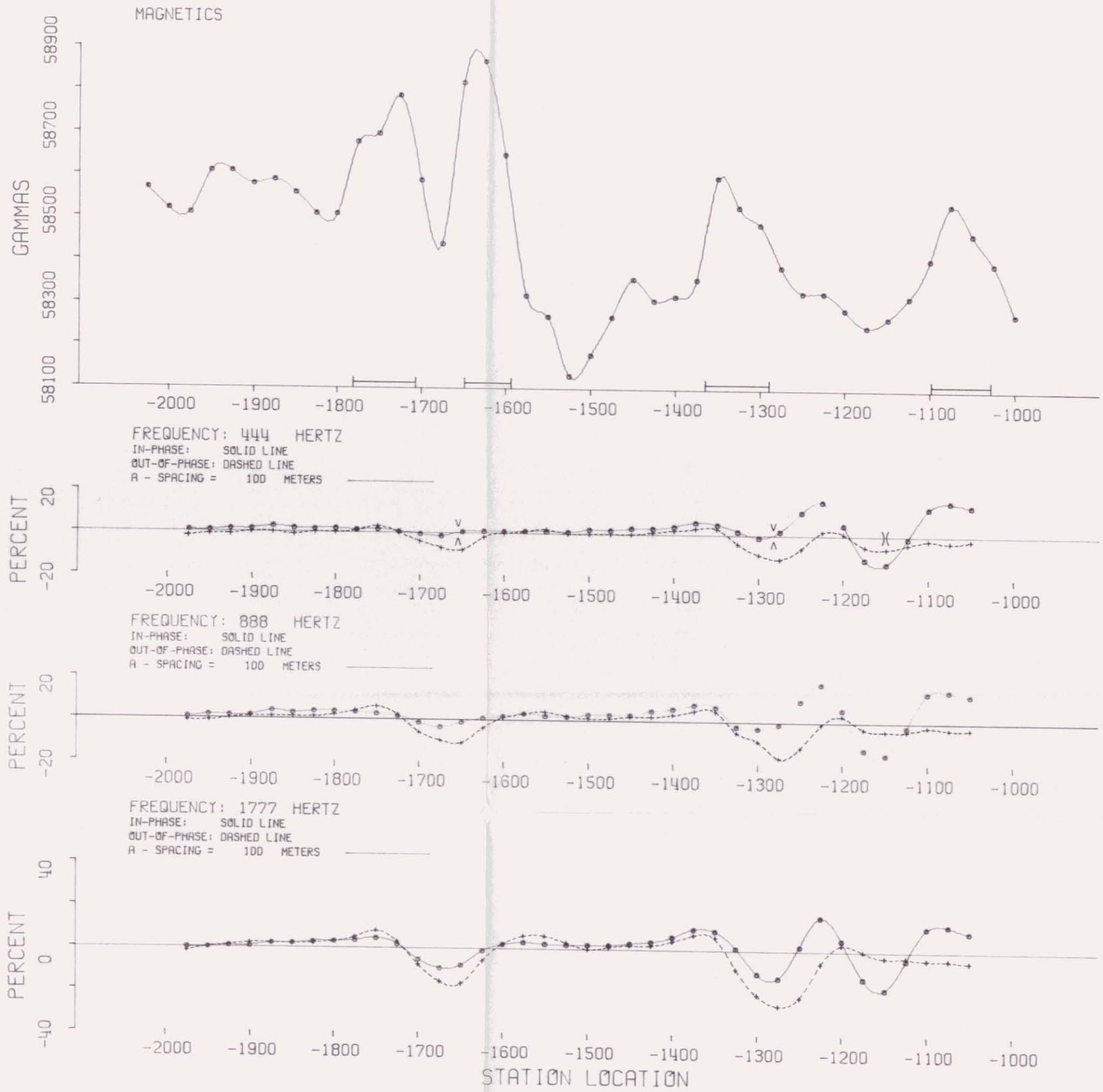
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID LINE 7800 W

091468

geology by: A.S.	drawn by: D.M.C.	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 26



SELWYN PROJECT -- FRANCOIS GRID LINE 8200 WEST



LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Broad Magnetic High
- 500 — Magnetic Anomaly and Amplitude (gammas)

ANACONDA Canada Exploration Ltd.

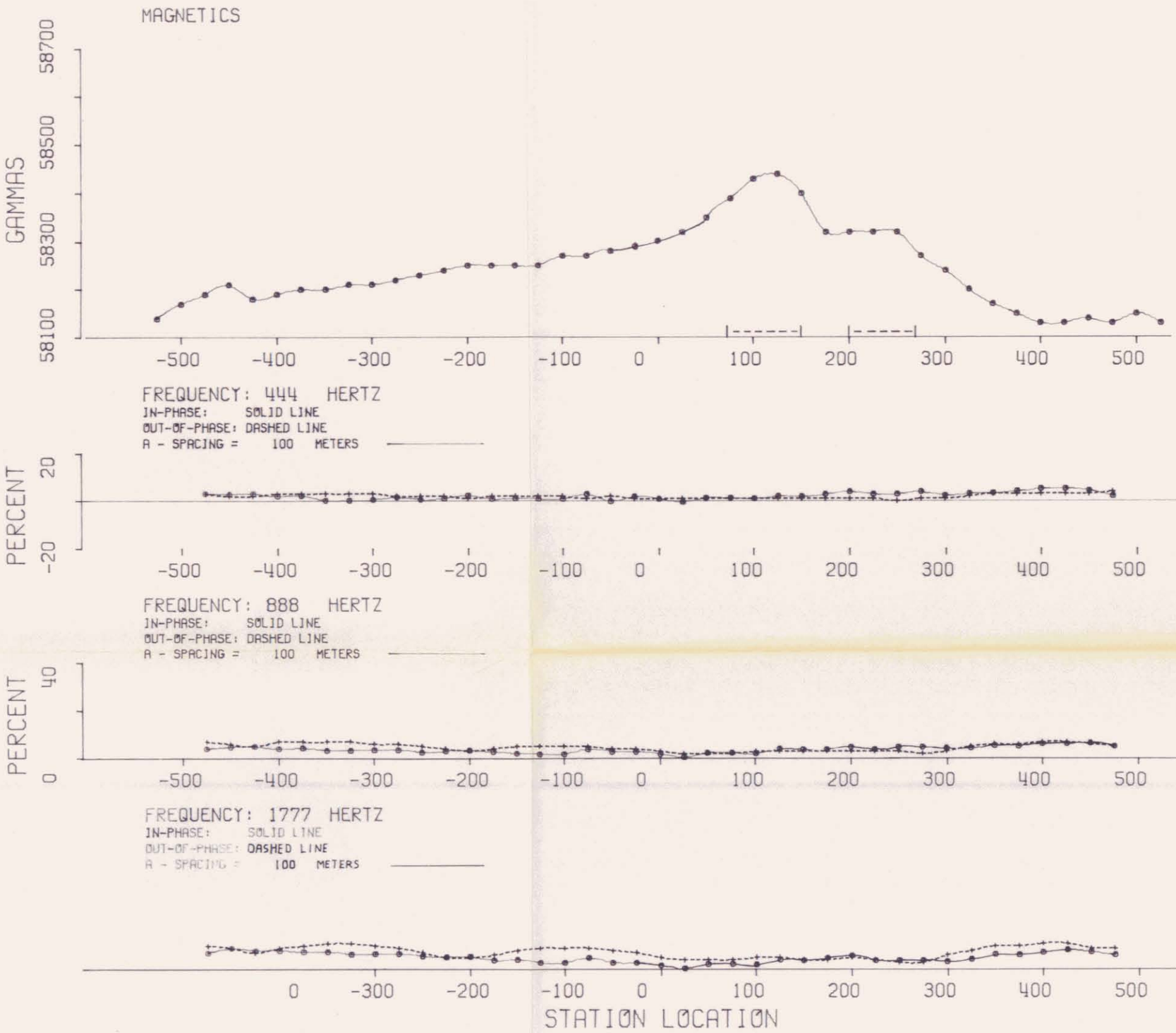
SELWYN PROJECT

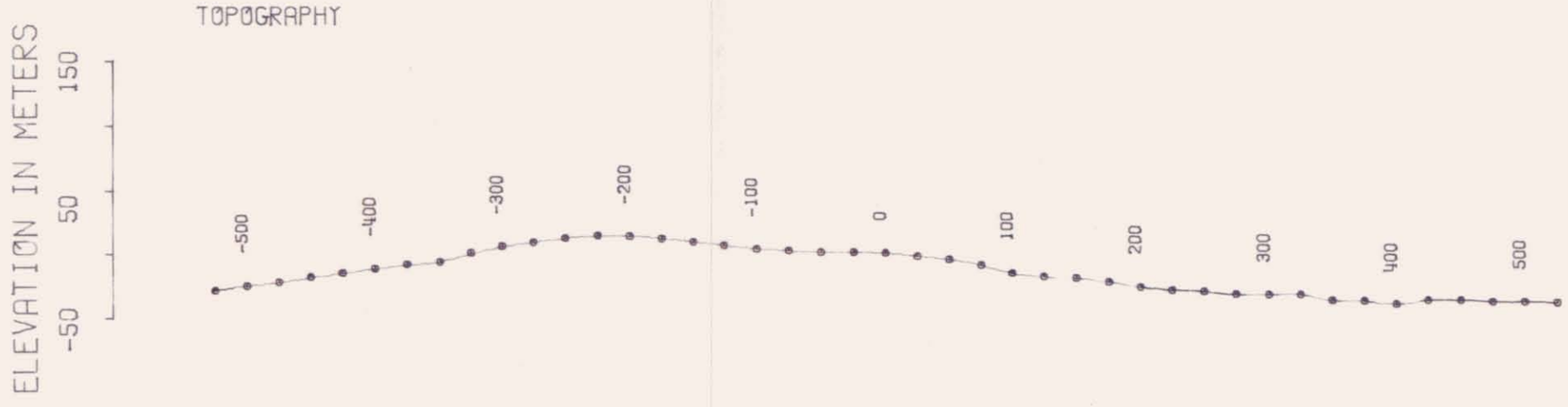
FRANCOIS GRID LINE 8200 W

091468

geology by: A.S.	drawn by: D.M.C.	date: APRIL 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 27

SELWYN PROJECT -- LONE MTN. GRID LINE 600 EAST





LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Broad Magnetic High
- 500 — Magnetic Anomaly and Amplitude (gammas)

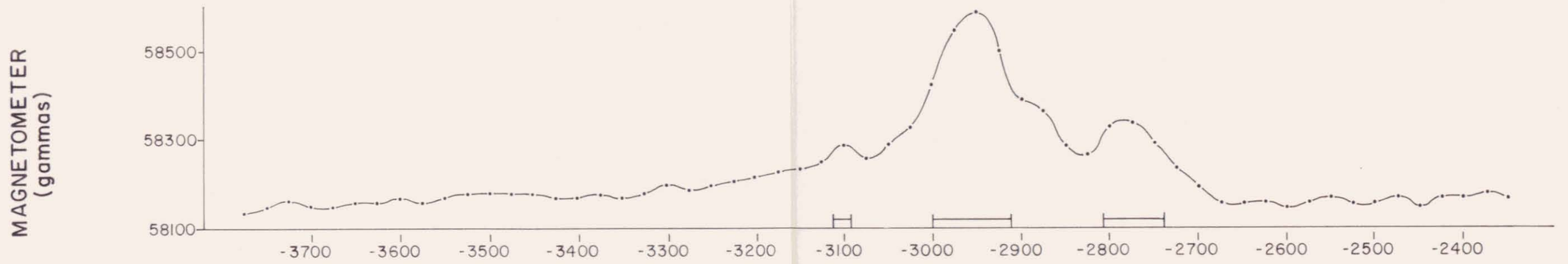
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

LONE MTN. GRID LINE 600 E

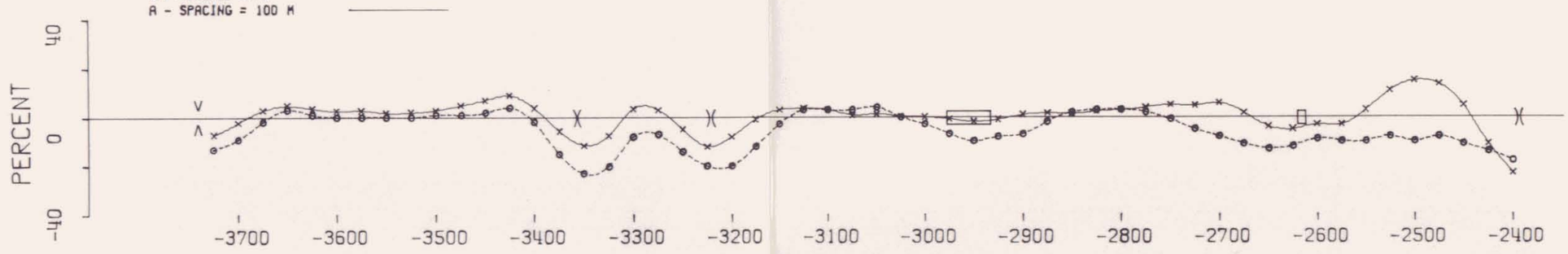
091468

geology by: A.S.	drawn by: D.M.C.	date: APRIL 83
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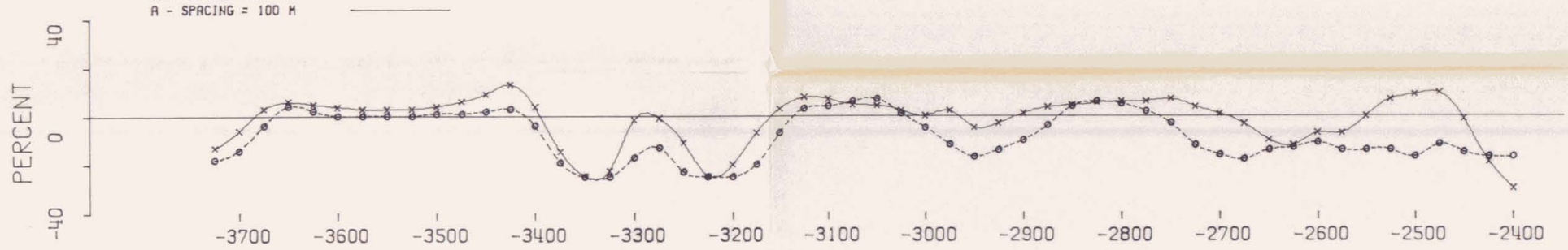


HORIZONTAL LOOP EM

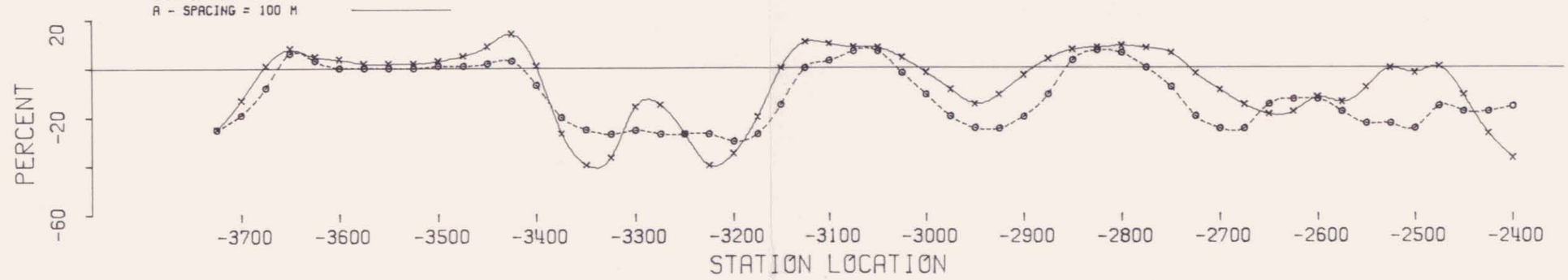
FREQUENCY: 444 HERTZ
I/P: SOLID LINE
Ø/P: DASHED LINE
A - SPACING = 100 M



FREQUENCY: 888 HERTZ
I/P: SOLID LINE
Ø/P: DASHED LINE
A - SPACING = 100 M

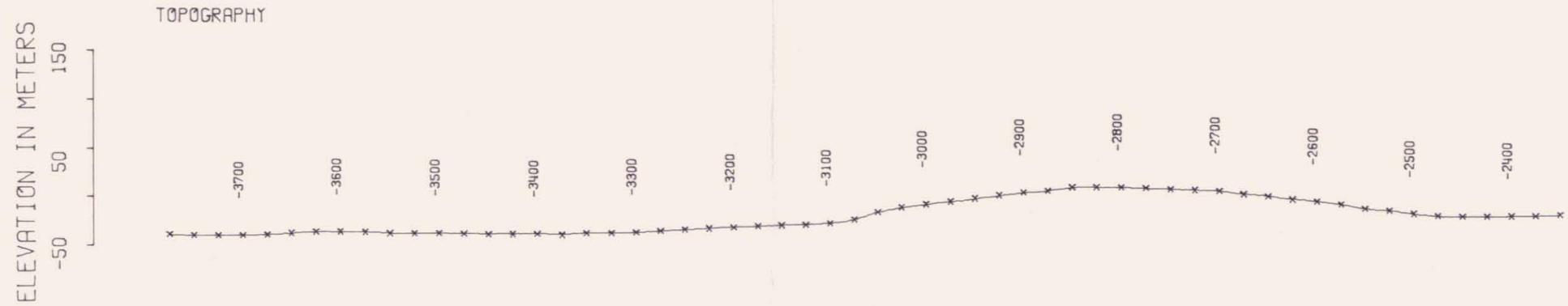


FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
Ø/P: DASHED LINE
A - SPACING = 100 M



SELWYN PROJECT -- FRANCOIS GRID LINE 7000 WEST

TOPOGRAPHY



LEGEND

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

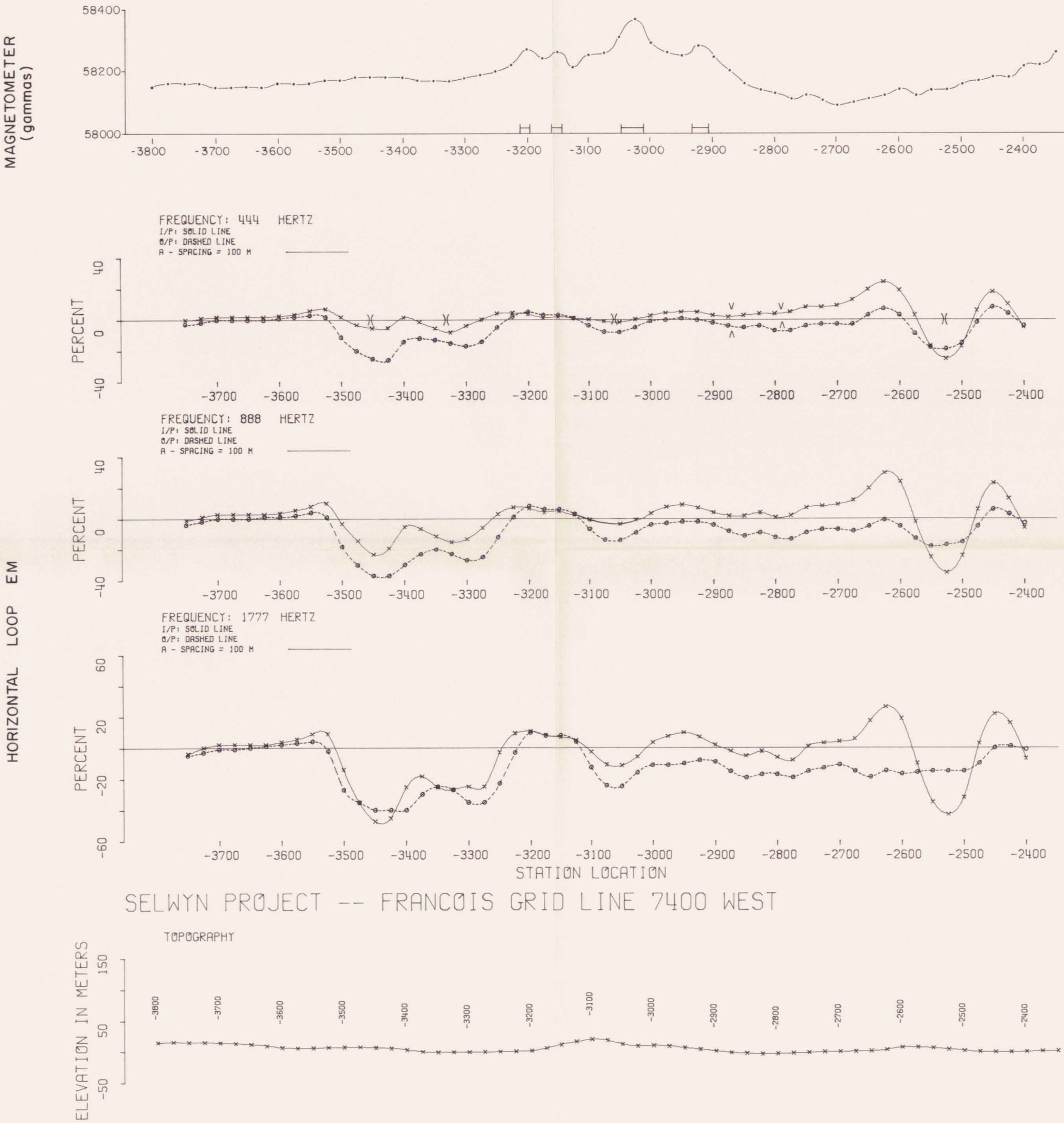
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

FRANCOIS GRID - LINE 7000W

091408 (SOUTH LINE)

geology by: A.S.	drawn by: D. M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 29



LEGEND

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

ANACONDA Canada Exploration Ltd.

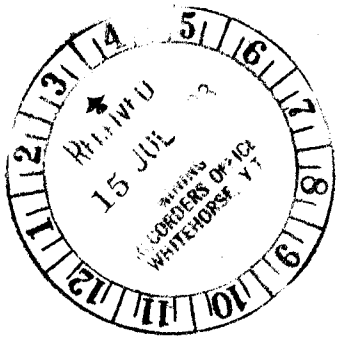
SELWYN PROJECT

FRANCOIS GRID - LINE 7400W

(SOUTH LINE)

geology by: A.S.	drawn by: D. M.C.	date: JULY 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 30

ANACONDA CANADA EXPLORATION LTD.



GEOPHYSICAL REPORT

(Electromagnetic, Gravity, and Magnetometer Surveys)

OF THE ACE CLAIMS

BANANA, SCOOTER, CANYON, AND MAIN GRIDS

SELWYN PROJECT, EARN LAKE AREA

WHITEHORSE MINING DIVISION, YUKON TERRITORY

Latitude: 62°52'N Longitude: 134°35'W NTS: 105 L/15

By

Alan Scott

May 19, 1983

Field Work Performed: June 4 to Sept. 11, 1982

091468

TABLE OF CONTENTS

	Page
INTRODUCTION	1
LOCATION AND ACCESS	1
CLAIMS AND OWNERSHIP	2
GROUND CONTROL	2
GEOPHYSICAL SURVEYS	3
Electromagnetic Survey (HLEM)	3
Magnetometer Survey	3
Gravity Survey	4
DISCUSSION OF RESULTS	5
CONCLUSIONS	6

Appendix I - Statement of Expenditures

Appendix II - Certification

LIST OF FIGURES

Map No. (located in pockets at rear of report)

1 General Location Map

2a and 2b Magnetic Field Contour Plan (north and south sheets)

3a and 3b Compilation Plan (north and south sheets)

4-22 Geophysical Results - Profiles

INTRODUCTION

Within the period June 4 to September 11, 1982, a geophysical survey program was completed on the Banana, Scooter, Canyon, and Main Grids. The grids cover portions of Anaconda's ACE claim group, Whitehorse Mining Division, NTS 105 L/15. Work performed consisted of 31 line kilometers of chaining, total field magnetometer survey, and horizontal loop electromagnetometer survey; and 10 line kilometers of gravity/levels survey.

The exploration target in the gridded area is stratabound, sediment hosted, Ag/Pb/Zn massive sulphides. The objectives of the geophysical work were to assist geological mapping in this heavily overburden covered area by line to line correlation of geophysical responses, and the direct identification of targets for follow up trenching and/or drilling.

The survey area was selected, in part, on the basis of airborne EM and magnetic anomalies detected by Geoterrex in 1981 (reported on by Carlson, 1981).

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

LOCATION AND ACCESS

Anaconda's Selwyn Project is located about midway between the towns of Mayo and Faro, Yukon Territory. The gridded area is about 3 kilometers east of the peak of Dromedary Mountain (Map 1). The geophysical work was supported by helicopter access from a main base camp located on the west shore of Earn Lake. Access to the base camp was by float plane from Whitehorse.

CLAIMS AND OWNERSHIP

The gridded area covers portions of the ACE claim group, Whitehorse Mining Division, Yukon Territory. The claims are owned by Anaconda Canada Exploration Ltd. The work was conducted on claims within the following listing:

Claims	Grant Nos.
ACE 81-96	YA 51454-YA 51469
ACE 97-192	YA 52119-YA 52214
ACE 193-272	YA 52251-YA 52330
ACE 393-397,399	YA 52251-YA 52455,YA 52457
ACE 401-404	YA 52459-YA 52462
ACE 413-440	YA 52471-YA 52498
ACE 465-504	YA 52523-YA 52562
ACE 505-724	YA 59089-YA 59308

GROUND CONTROL

The Banana, Scooter, Canyon, and Main grids are all continuations of the 1981 ACE grid. All crosslines were turned off from baselines with a nailboard, or in the case of very long lines, with a transit. Lines were cut by chainsaw, and bearings were maintained by backsighting along pickets. 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. All survey lines were previously chained and inclinometer surveyed by the geophysics crew to maintain accurate control of the coil spacing and coil coplanarity. Corrections were applied to the data for any deviations from the standard spacing.

The HLEM results are plotted as stacked profiles on Maps 4, 5, and 7 to 22. The conductor trends are also noted on the compilation Maps 3a (south sheet) and 3b (north sheet). 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".

Lines 52E to 64E were surveyed in the summer of 1981. HLEM conductor trends for those lines, which are shown on compilation Map 3a, were picked from the 1777Hz data.

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 2a (north sheet) and Map 2b (south sheet), and on compilation Maps 3a and 3b. The values are also plotted in profile form for those lines which were surveyed with HLEM.

Gravity Survey

A Lacoste and Romberg gravimeter was used for the gravity survey, and a Topcon Guppy EDM was used to obtain relative station elevations. The raw gravity data was corrected for tidal and meter drifts, and bouguer gravity values were computed for bouguer densities of 2.0, 2.2, 2.4, 2.6, and 2.8 g/cc. The gravity survey was restricted to portions of lines 48, 52, 68, 72, 80, 84, and 88E. The gravity survey on lines 56E and 60E was performed in February, 1982.

An inner terrain correction has been applied to all the plotted values, except lines 56E and 60E. 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 the Hammer cylindrical correction. All terrain corrections were made assuming an average terrain density of 2.0 g/cc.

While the above procedure is believed to have been adequate for correcting for very local terrain effects, portions of the gridded area have substantial relief and significant terrain effects remain within the data. It would be necessary to digitize the topographic map and use computer modelling of the terrain to correct for those "outer" terrain effects.

The gravity survey results from the summer of 1982 are plotted as stacked profiles with the HLEM plots. The residuals, at a bouguer density of 2.6 g/cc, are plotted as line profiles on the compilation Maps 3a and 3b.

DISCUSSION OF RESULTS

The major geophysical results are presented on the compilation plans, Maps 3a and 3b. 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 line profiles.

The magnetic field contour trends and HLEM conductors,in particular, 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 objective of the gravity survey was the direct identification of possible massive sulphide targets. The only gravity high of sufficient amplitude that could be reccommended as such a target lies some 500 meters south of the baseline on lines 52E, 56E and 60E, as noted on the compilation Map 3a. 1981 diamond drilling, which was conducted prior to this gravity survey work, has partially tested this anomaly. Drillhole 81-8 on line 60E indicates that a thick bedded pyrrhotite zone, with minor magnetite and low in base metal values, is the probable source; but the anomaly is untested on line 56E, and hole 81-9 on line 52E appears to have stopped short of the central portion of the gravity anomaly. Further testing of this anomaly may be warranted, although the coincident magnetic high on line 52E suggests that pyrrhotite/magnetite is the principal source.

Other weak gravity anomalies, or HLEM or magnetic anomalies, would require supporting evidence (geochemical or geological) before further work could be recommended.

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.

The gravity anomaly located some 500 meters south of the baseline on lines 52E to 60E has been partially tested by diamond drilling. 1981 drillhole 81-8 on line 60E indicates bedded pyrrhotite with minor magnetite and low base metal values as the probable source. However, further testing of the western portion of the anomaly may be warranted.

Other gravity, magnetic, or HLEM anomalies would require supporting evidence (geological or geochemical) before further work could be recommended.

Respectfully submitted,



Alan Scott,
Geophysicist.

Distribution:
Mining Recorder (2)
ACEL files (1)
J. Corbett, Chief Geophys. (1)
R. Hall, Project Geologist (1)

APPENDIX I

Statement of Expenditures

ACE Claims - Banana, Scooter, Canyon and Main Grids

SALARIES		
Contract Personnel: (Murex Gravity Surveys Ltd.)		
L. Johnson, sn tech, June 5,8-10,July 2-8,Aug 25-28,30 16 days @ 175/day	=$2800	
D. Iverson, surveyor, Sept 11; 1 day @ 175/day	= 175	
Anaconda Personnel:		
P. MacGillivary, sn asst, June 4-10,July 2-8 14 days @ 103/day	= 1442	
A. Huard, asst, June 4-10,July 2-8;14 days @ 86	= 1204	
G. Minnes, asst, June 5,8-10,July 2-8, Aug 25-28,30 16 days @ 86/day	= 1376	
L. Fairweather, asst, June 4-10,July 2-8,Aug 25-28,30 19 days @ 86/day	= 1634	
B. Rode, tech, Sept 11; 1 day @ 103/day	= 103	
F. Thrane, tech, Sept 11; 1 day @ 103/day	= 103	
		$8837
EQUIPMENT RENTALS:		
Max Min II EM; 3 wks. @ 2458/mo	= 1720	
Lacoste & Romberg gravimeter; 3 wks @ 2000/mo	= 1400	
EDA ppm 300/400 magnetometers; 3 wks @ 3018/mo	= 2112	
Topcon Guppy EDM; 3 wks @ 750/mo	= 525	
		5757
CAMP COSTS:		
102 man days @ 50/man day	=	5100
HELICOPTER SUPPORT:		
20 survey days @ 1.5 hrs/day @ 450/hr + 50/hr fuel	=	10000
CHARGES PER SURVEY DAY (towards drafting, supervision, report):		
20 survey days @ 200/day		4000
CONTRACT LINECUTTING:		
25 line kilometers @ 375/km		9375
Total Expenditures:		$43069

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:

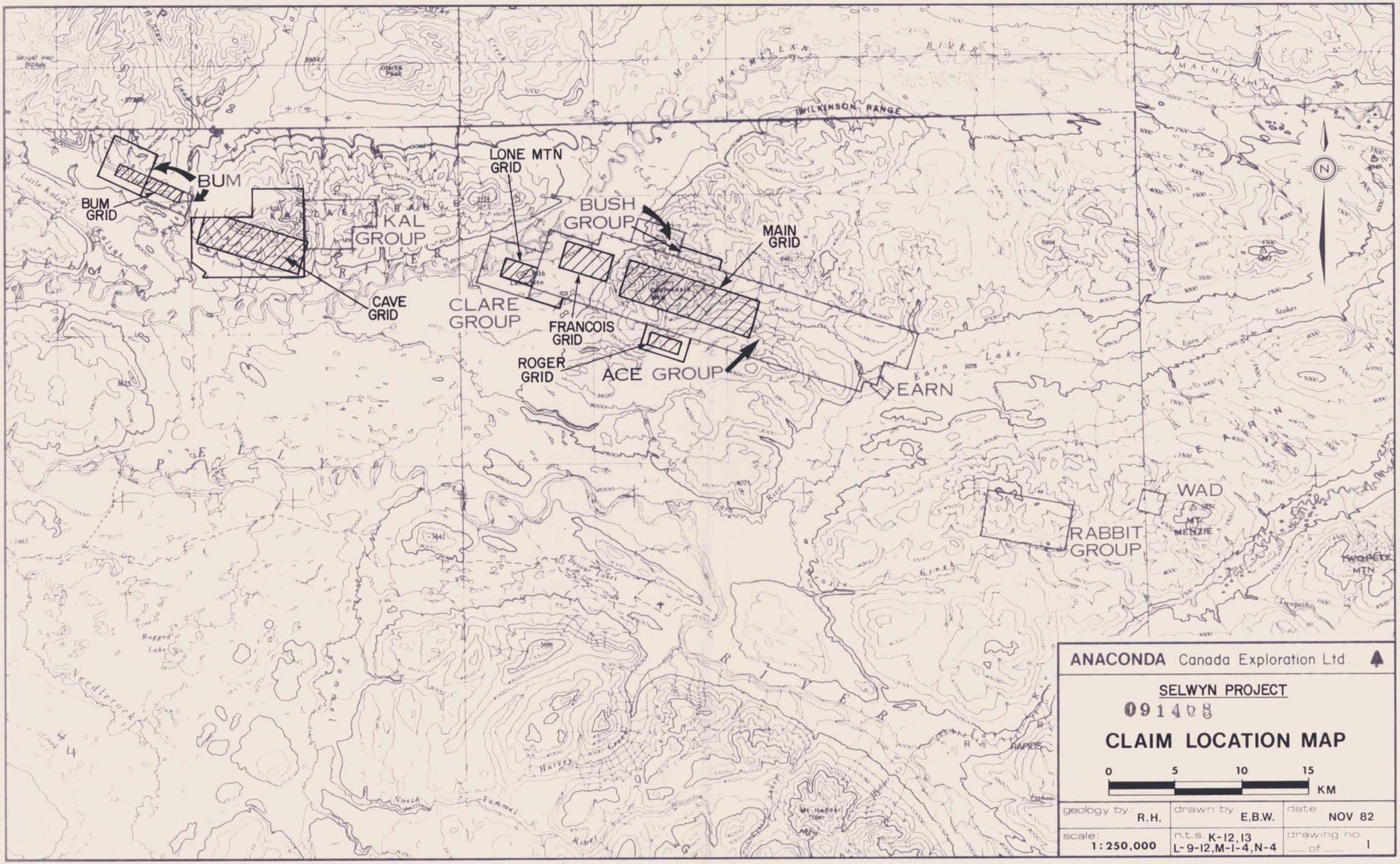
1. I graduated with a B. Sc. (geophysics) from the University of British Columbia in 1970.

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.

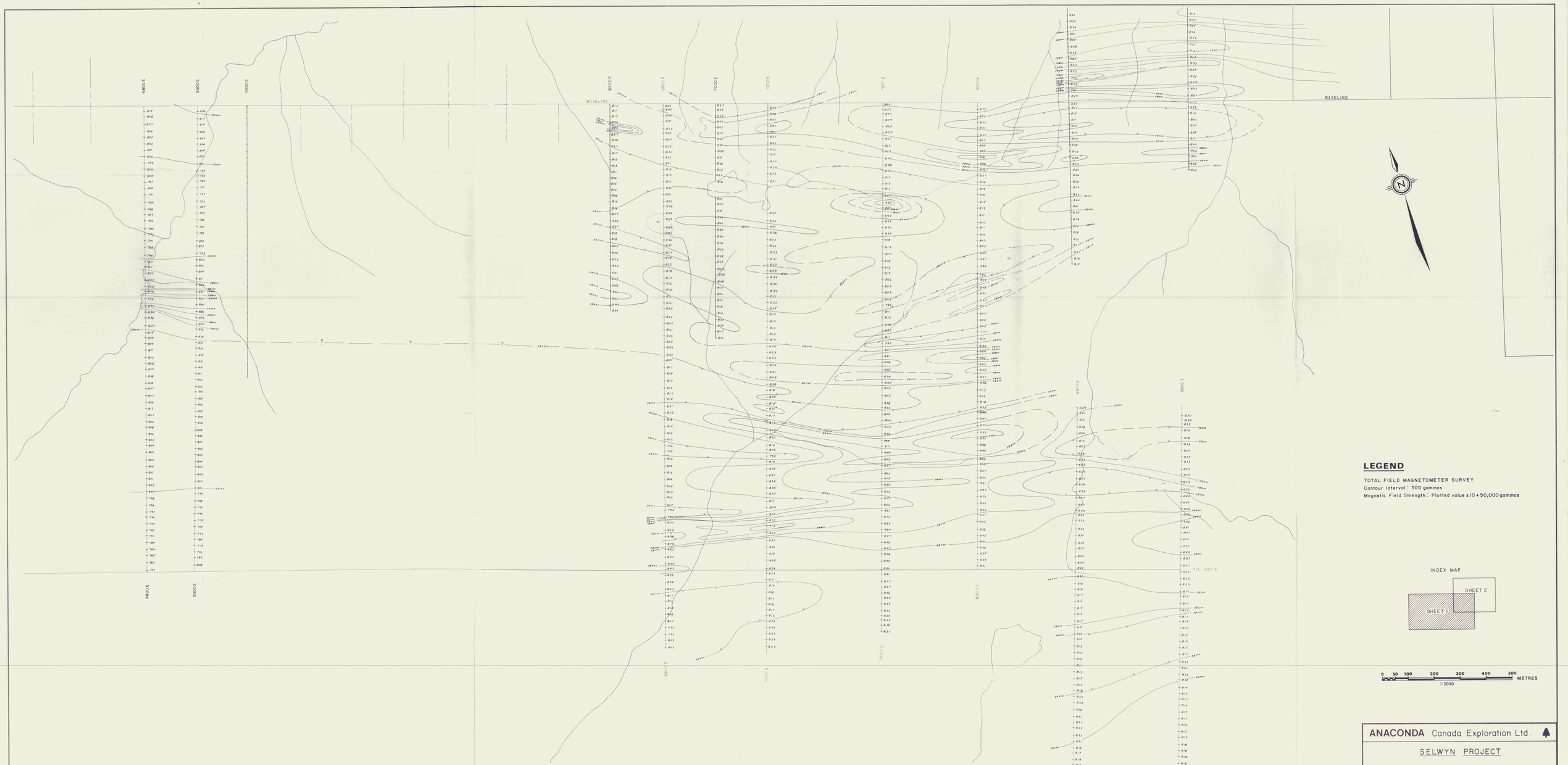
SELWYN PROJECT

091408

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

TOTAL FIELD MAGNETOMETER SURVEY
Contour Interval : 500 gammas
Magnetic Field Strength : Plotted value x 10 + 50,000 gammas

INDEX MAP

0 50 100 200 300 400 500 METRES
1:5000

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

MAGNETOMETER SURVEY

MAIN EXT. / BANANA GRIDS

091168

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. 2a of

8400E

8800E

9200E

9600E

10,000E

10,400E

10,800E

11,200E

TIE-LINE

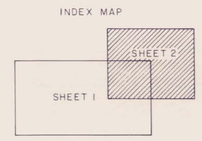
BASELINE

N

LEGEND

TOTAL FIELD MAGNETOMETER SURVEY
Contour Interval : 500 gammas
Magnetic Field Strength : Plotted value x 10 + 50,000 gammas

INDEX MAP



0 50 100 200 300 400 500 METRES
1 5000

ANACONDA Canada Exploration Ltd.

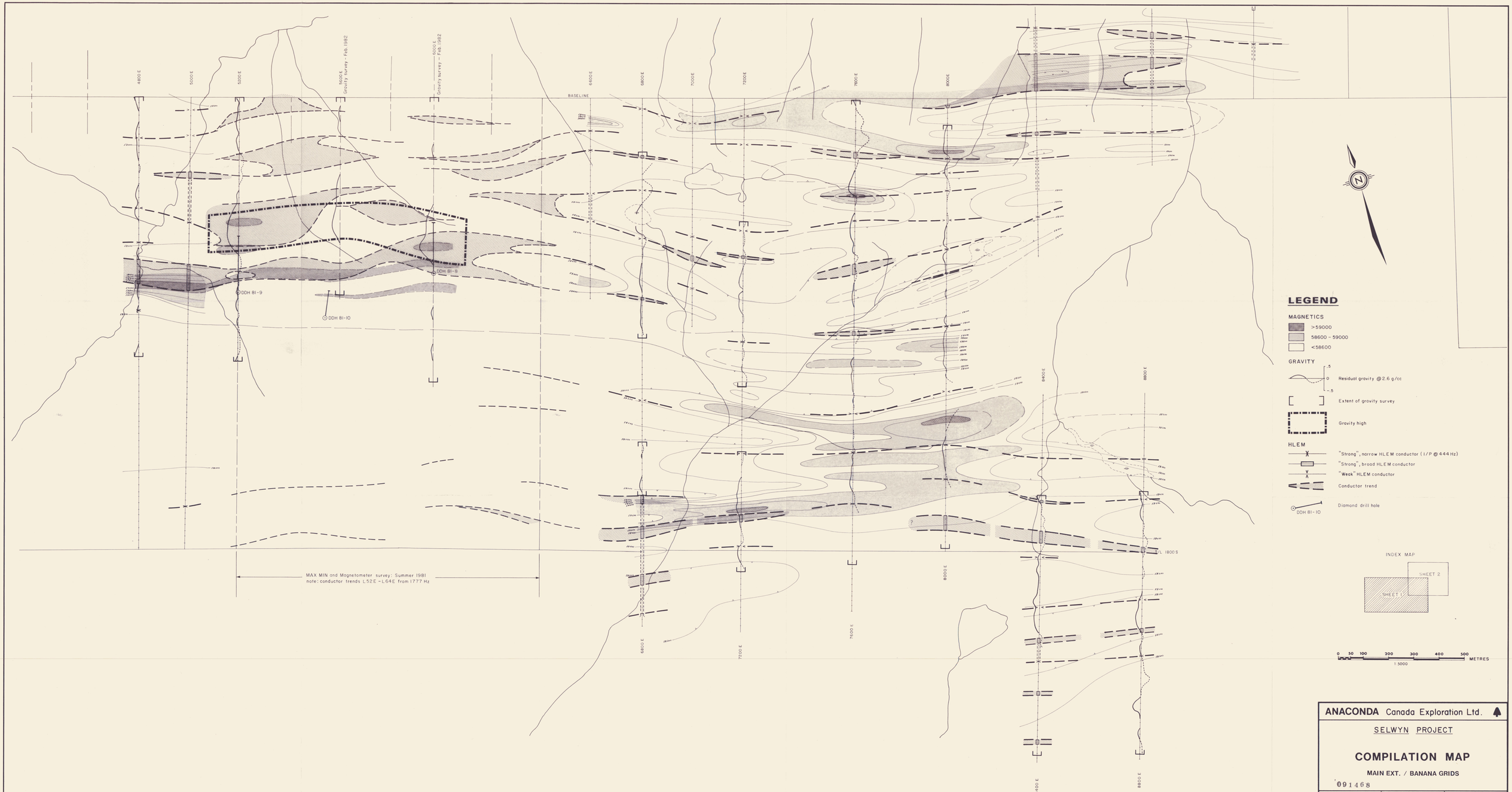
SELWYN PROJECT

MAGNETOMETER SURVEY

SCOOTER / CANYON GRIDS

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982
scale: 1 : 5000	n.t.s. 105 L/15	fig./proj. no. 2b



LEGEND

MAGNETICS

- >59000
- 58600 - 59000
- <58600

GRAVITY

- .5 / 0 / -.5 — Residual gravity @ 2.6 g/cc
- Extent of gravity survey
- Gravity high

HLEM

- "Strong", narrow HLEM conductor (1/P @ 444 Hz)
- "Strong", broad HLEM conductor
- "Weak" HLEM conductor
- Conductor trend
- Diamond drill hole — DDH 81-10

INDEX MAP

0 50 100 200 300 400 500 METRES

1:5000

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

COMPILATION MAP

MAIN EXT. / BANANA GRIDS

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 3a

8400 E
8800 E
9200 E
9600 E
10,000 E
10,400 E
10,800 E
11,200 E
TIE-LINE
BASELINE

N

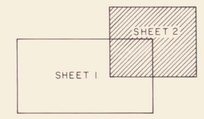
LEGEND

MAGNETICS
- >59000
- 58600 - 59000
- <58600

GRAVITY
- .5 / 0 / -.5 — Residual gravity @ 2.6 g/cc
- [ ] Extent of gravity survey

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

INDEX MAP



0 50 100 200 300 400 500 METRES
1:5000

ANACONDA Canada Exploration Ltd.

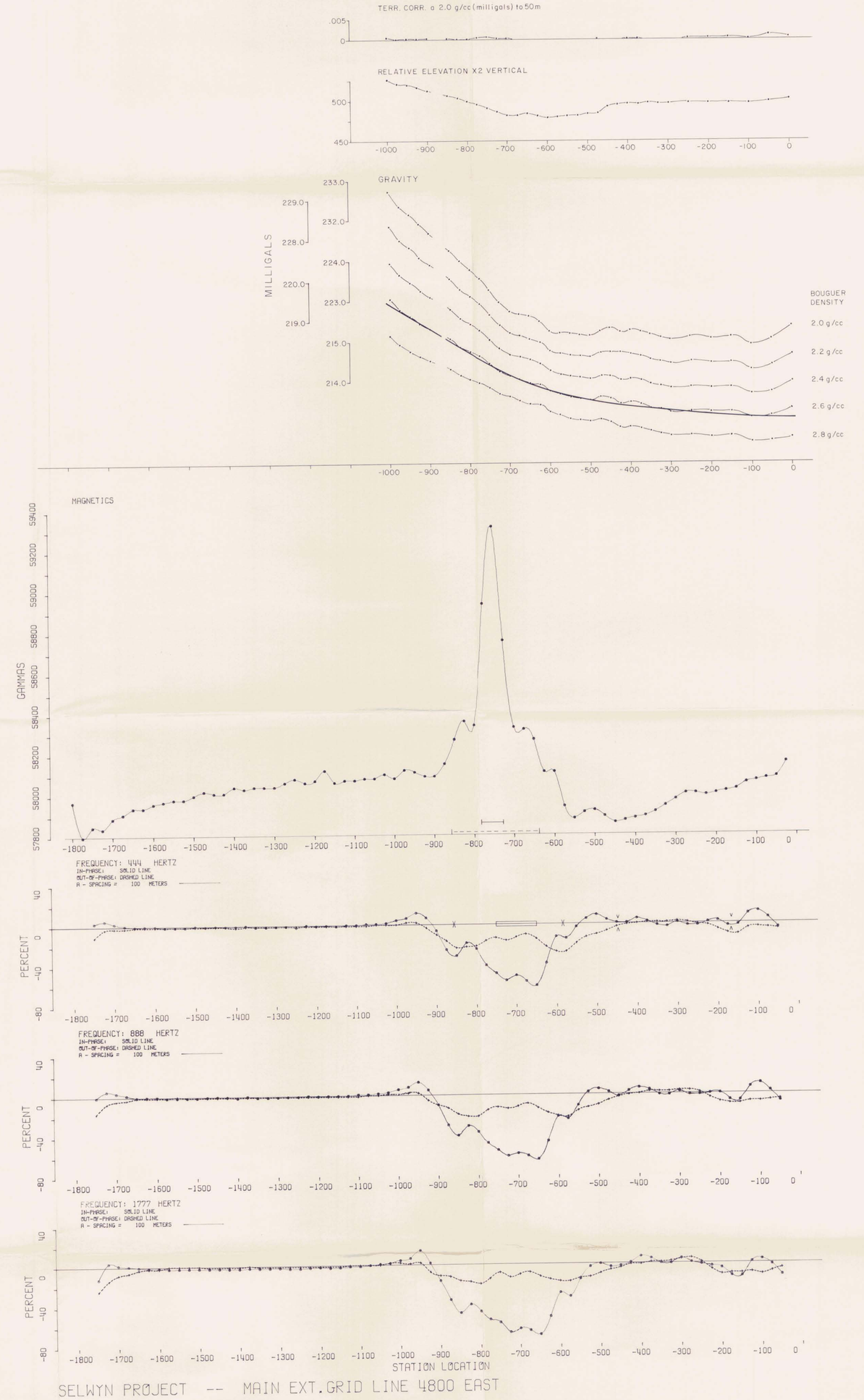
SELWYN PROJECT

COMPILATION MAP

SCOOTER / CANYON GRIDS

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 3b



SELWYN PROJECT -- MAIN EXT. GRID LINE 4800 EAST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

MAIN GRID LINE 4800 E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG., 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 4

MAGNETICS

GAMMAS

57600 57800 58000 58200 58400 58600 58800 59000 59200

-1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

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

PERCENT

-60 -20 20

-1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

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

PERCENT

-60 -20 20 60

-1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

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

PERCENT

-60 -20 20 60

-1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

STATION LOCATION

SELWYN PROJECT -- MAIN EXT.LINE 5000 EAST

TOPOGRAPHY

ELEVATION IN METERS

0 100 200 300

-1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

LEGEND

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

ANACONDA Canada Exploration Ltd.

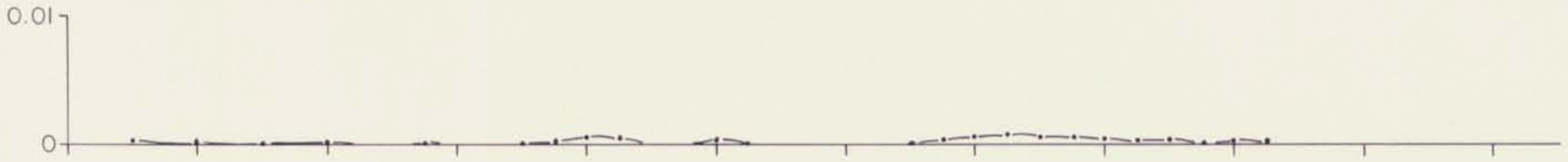
SELWYN PROJECT

MAIN GRID LINE 5000 E

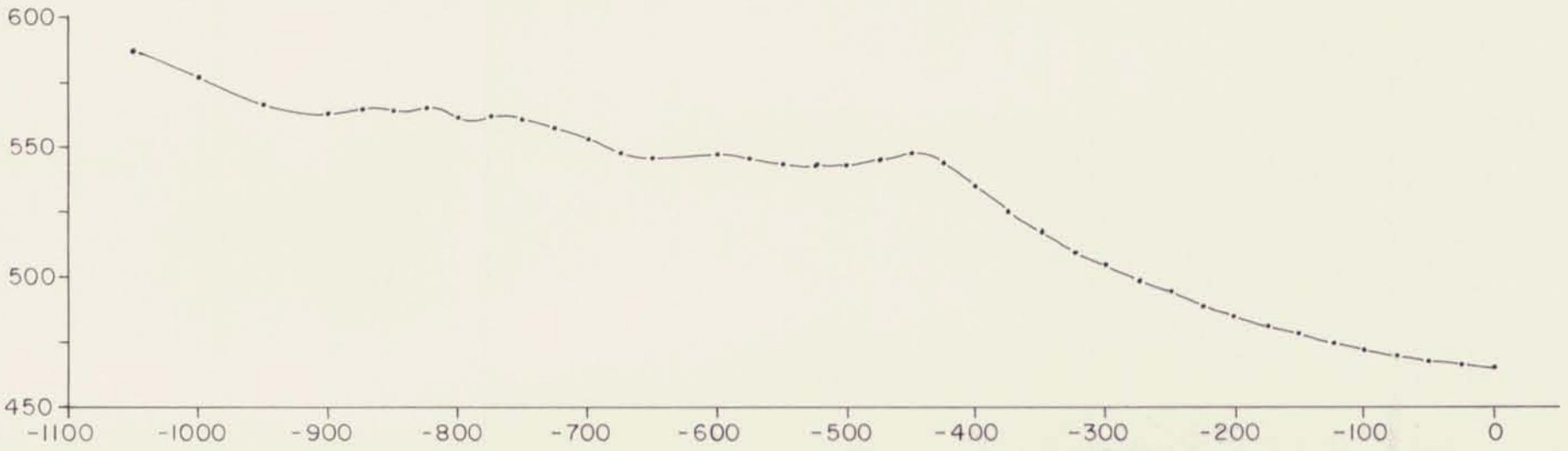
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geology by: A.S.	drawn by: D.M.C.	date: AUG, 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 5

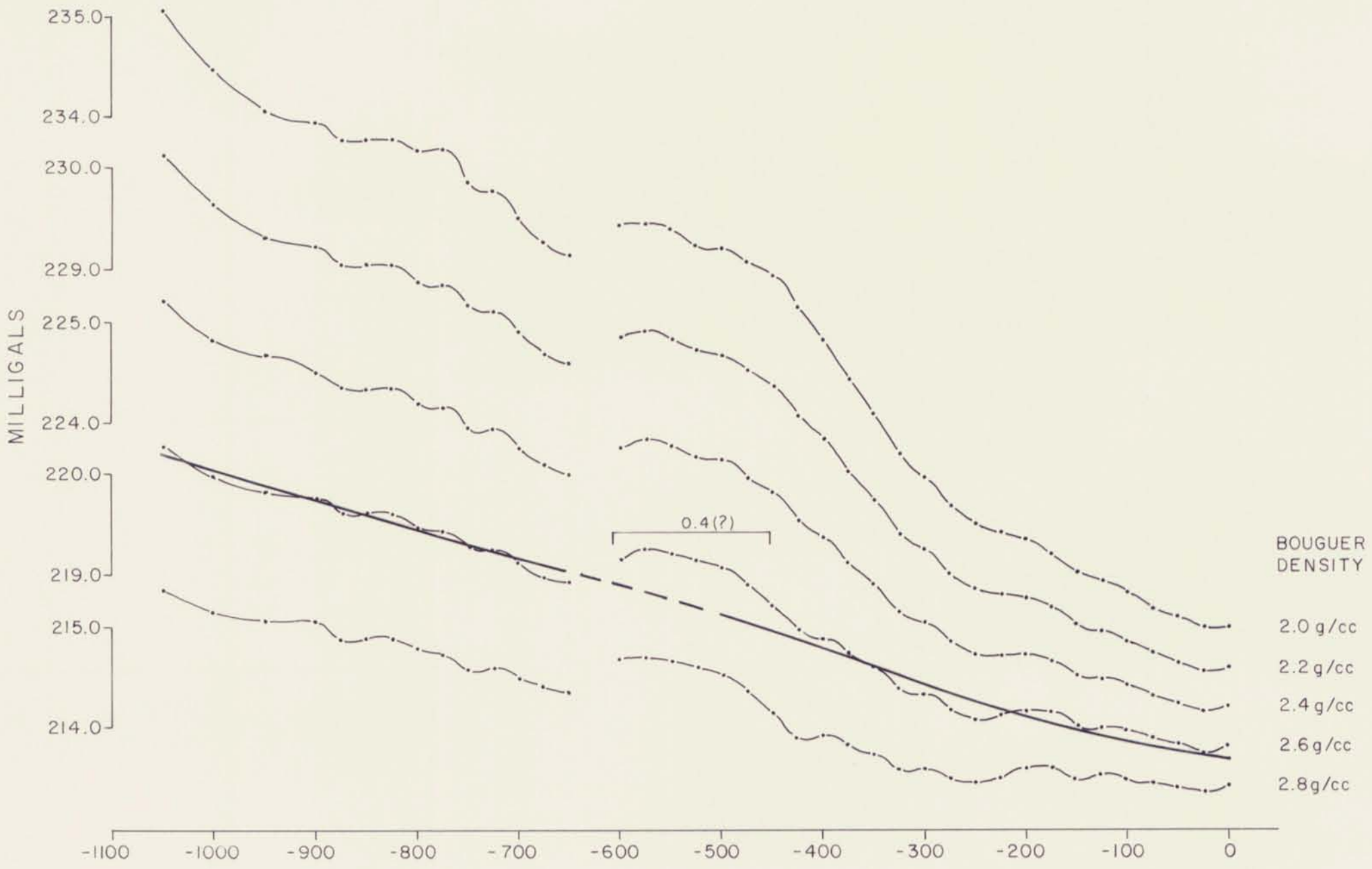
TERR. CORR. @ 2.0 g/cc (milligals) to 50 m



RELATIVE ELEVATION X2 VERTICAL



GRAVITY



LEGEND



Residual Gravity High and Amplitude (milligals)

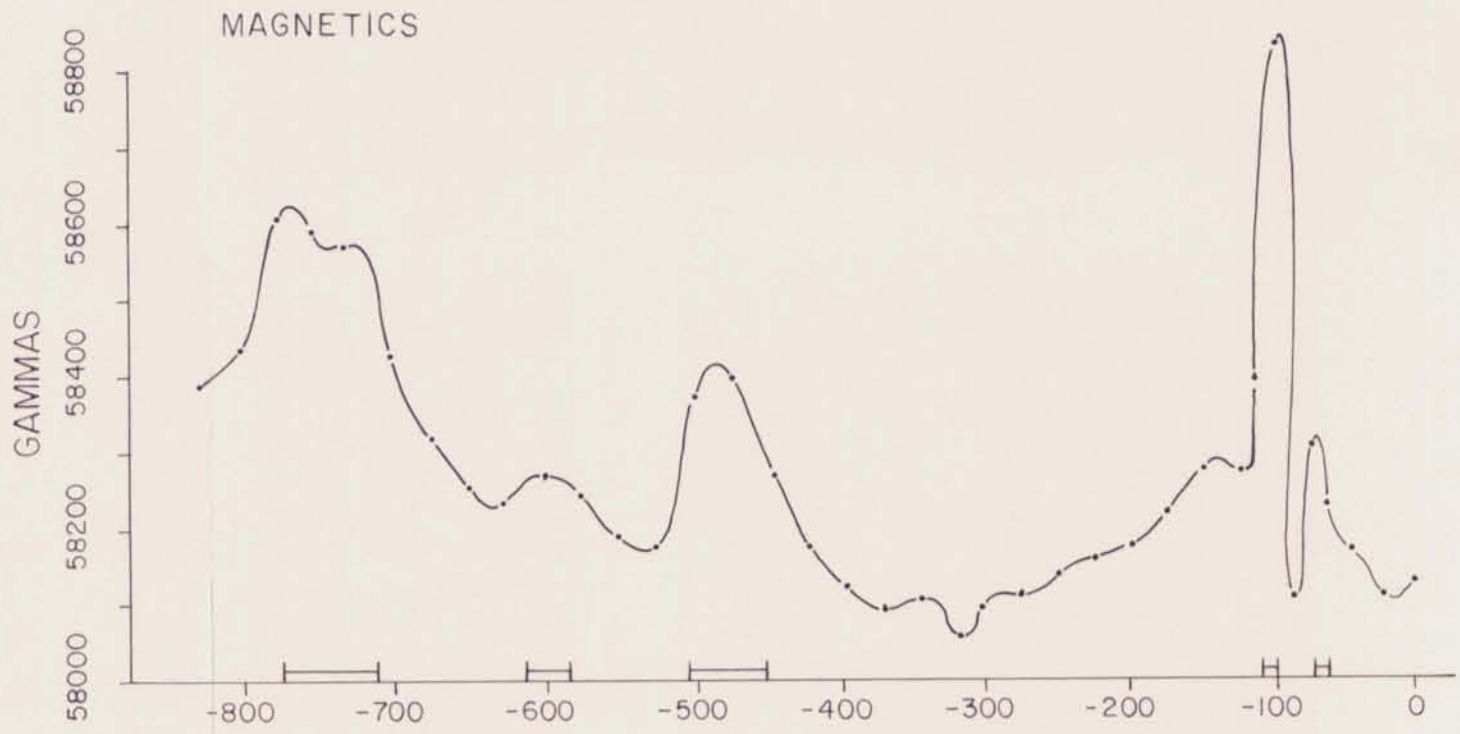
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

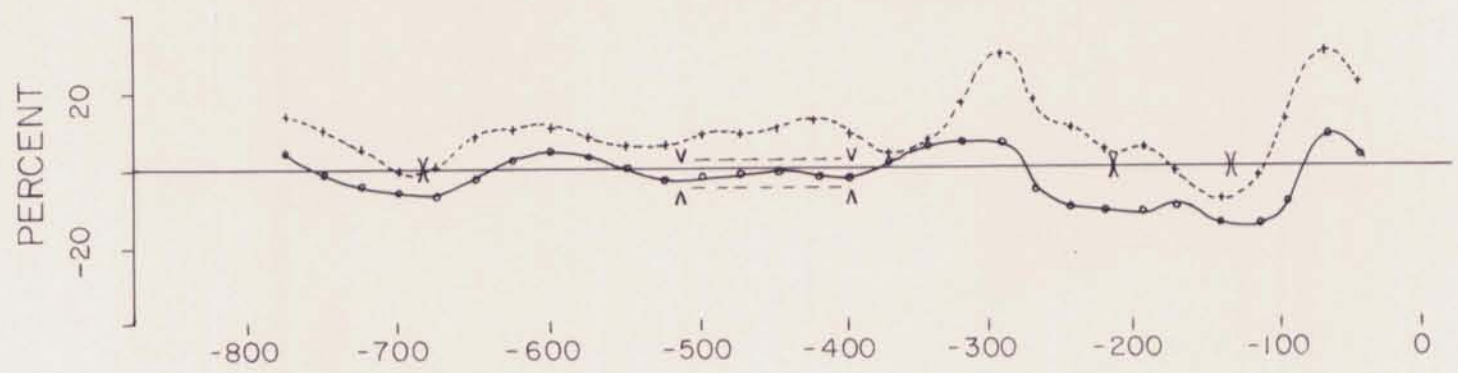
MAIN GRID LINE 5200 E

091168

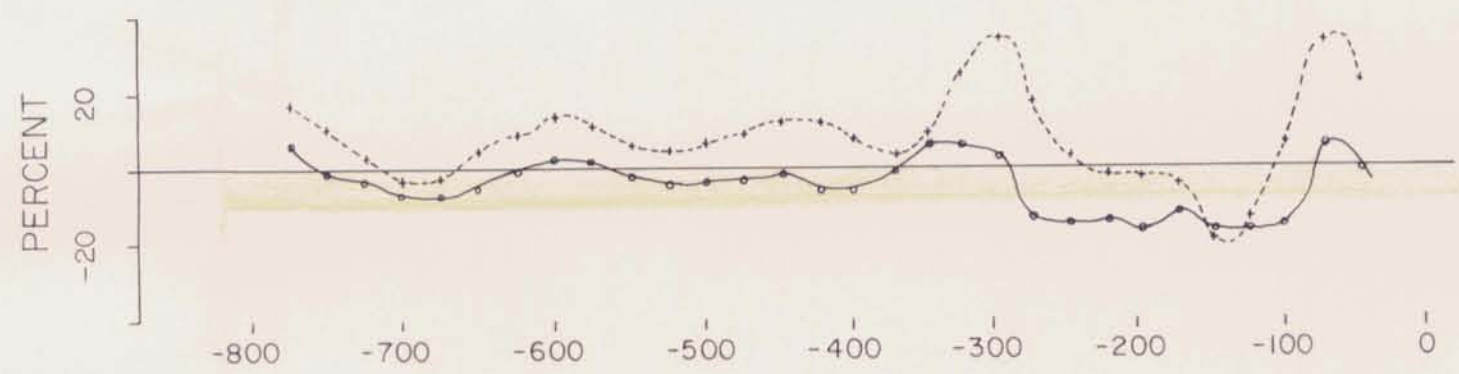
geology by: A.S.	drawn by: D.M.C.	date: AUG/83
scale: 1:5,000	n.t.s. 105 L/15	fig./proj. no. 6



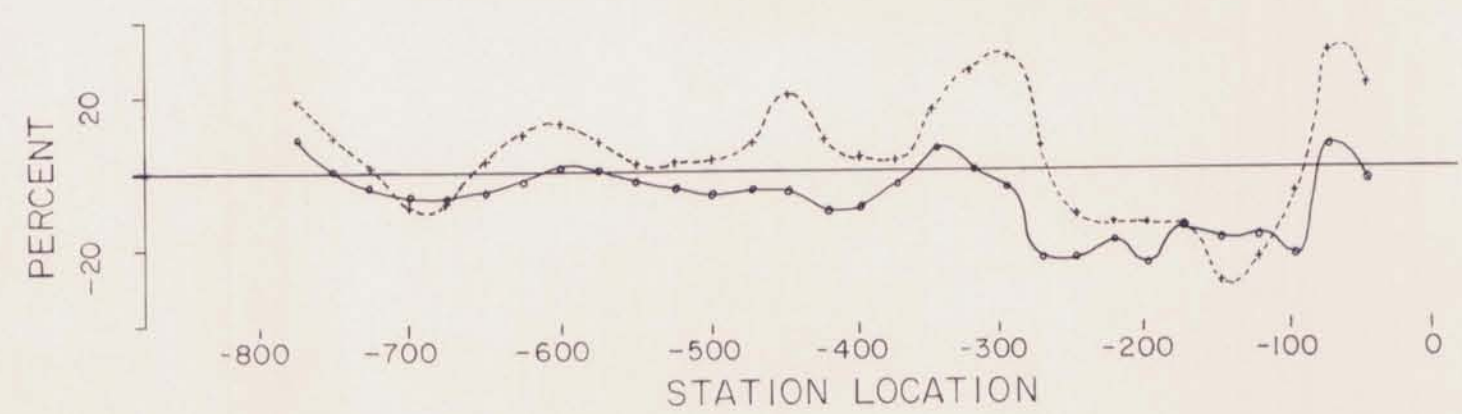
FREQUENCY: 444 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A-SPACING = 100 METERS



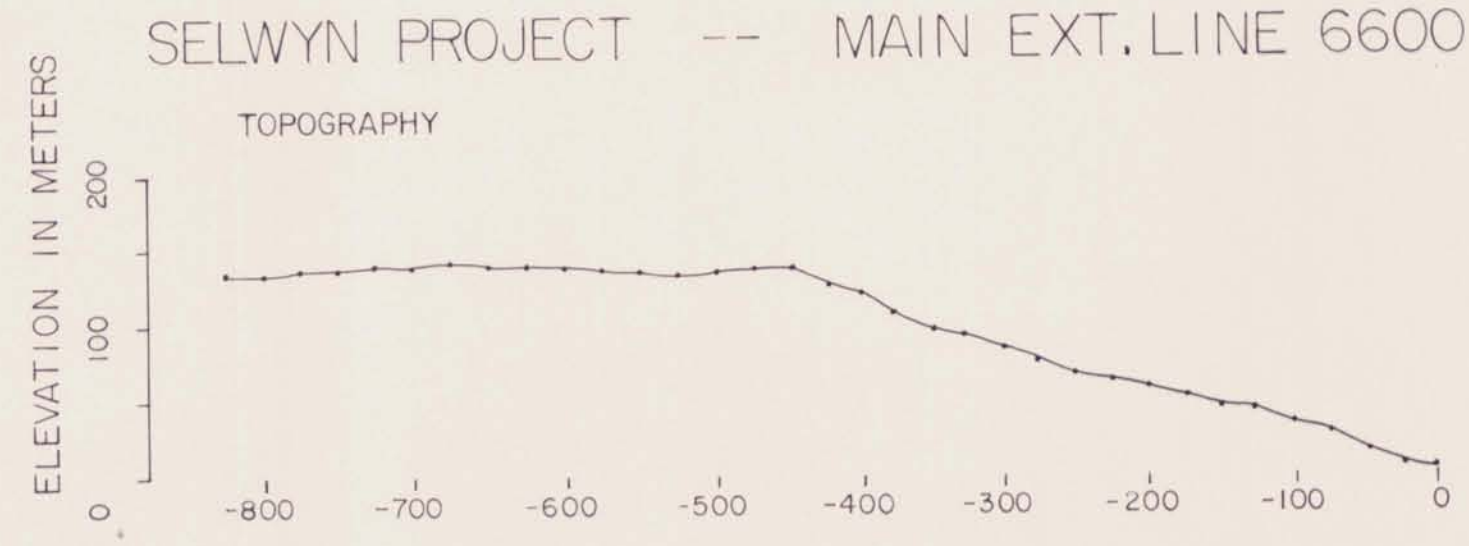
FREQUENCY: 888 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A-SPACING = 100 METERS



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



SELWYN PROJECT -- MAIN EXT. LINE 6600 EAST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

MAIN GRID LINE 6600 E

geology by: A.S.	drawn by: D.M.C.	date: AUG, 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 7

RELATIVE ELEVATION X2 VERTICAL

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50m

GRAVITY (milligals)

BOUGUER DENSITY

2.0 g/cc

2.2 g/cc

2.4 g/cc

2.6 g/cc

2.8 g/cc

0.2 (?)

MAGNETOMETER (gammas)

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT

STATION LOCATION

SELWYN PROJECT -- BANANA GRID 6800 EAST

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Broad Magnetic High
- Magnetic Anomaly
- 0.2 — Residual Gravity High and Amplitude (milligals)

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

BANANA GRID - LINE 6800 E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. __ of __ 8

MAGNETICS

GAMMAS

58800
58600
58400
58200
58000

-900 -800 -700 -600 -500 -400 -300 -200 -100 0

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

PERCENT

20
-20
-60

-900 -800 -700 -600 -500 -400 -300 -200 -100 0

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

PERCENT

20
-20
-60

-900 -800 -700 -600 -500 -400 300 -200 -100 0

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

PERCENT

20
-20
-60

-900 -800 -700 -600 -500 -400 -300 -200 -100 0

STATION LOCATION

SELWYN PROJECT -- MAIN EXT. LINE 7000 EAST

TOPOGRAPHY

ELEVATION IN METERS

100
0

-900 -800 -700 -600 -500 -400 -300 -200 -100 0

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

MAIN GRID LINE 7000 E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 9

RELATIVE ELEVATION X2 VERTICAL

475
425
375

-2100 -2000 -1900 -1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100

TERRAIN CORRECTION @ 2.0 g/cc (milligals) to 50 m

1.0
0.0

-2100 -2000 -1900 -1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100

GRAVITY (milligals)

160.5
157.0
159.5
153.5
156.0
152.5
150.0
146.5
149.0
145.5

?

BOUGUER DENSITY

2.0 g/cc
2.2 g/cc
2.4 g/cc
2.6 g/cc
2.8 g/cc

-2100 -2000 -1900 -1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100

MAGNETOMETER (gammas)

59100
58900
58700
58500
58300
58100
57900

-2100 -2000 -1900 -1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 700 -600 -500 -400 -300 -200 -100

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
40
0
-40

-2100 -2000 -1900 -1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -200 -100

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
60
20
-20
-60

-2100 -2000 -1900 -1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -200 -100

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT
80
40
0
-40
-80

-2100 -2000 -1900 -1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -200 -100

STATION LOCATION

SELWYN PROJECT -- BANANA GRID 7200 EAST

TOPOGRAPHY

ELEVATION IN METERS
250
150
50
-50

-2100 -2000 -1900 -1800 -1700 -1600 -1500 -1400 -1300 -1200 -1100 -1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0

LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Broad Magnetic High
- Magnetic Anomaly
- 0.2 — Residual Gravity High and Amplitude (milligals)

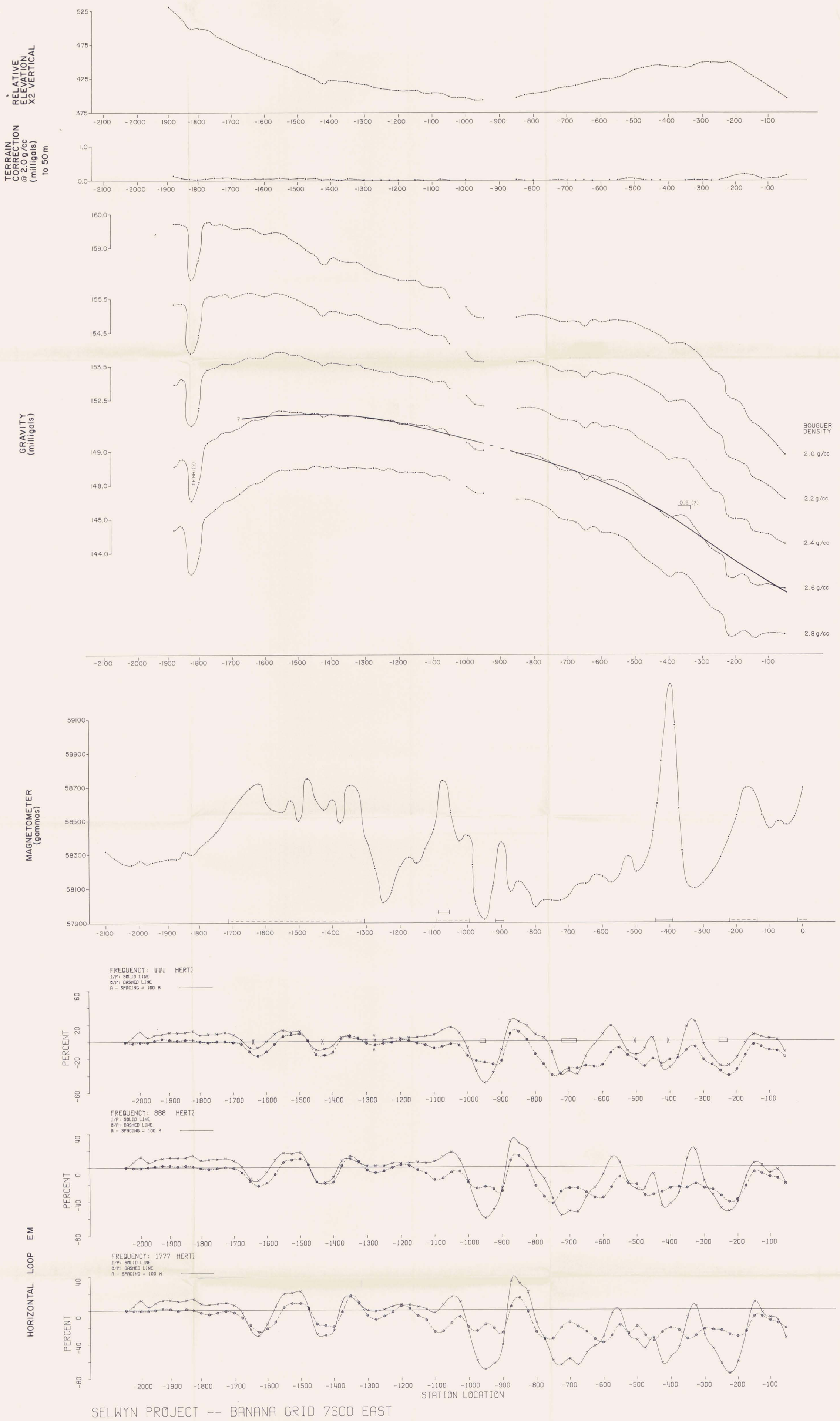
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

BANANA GRID - LINE 7200E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 10



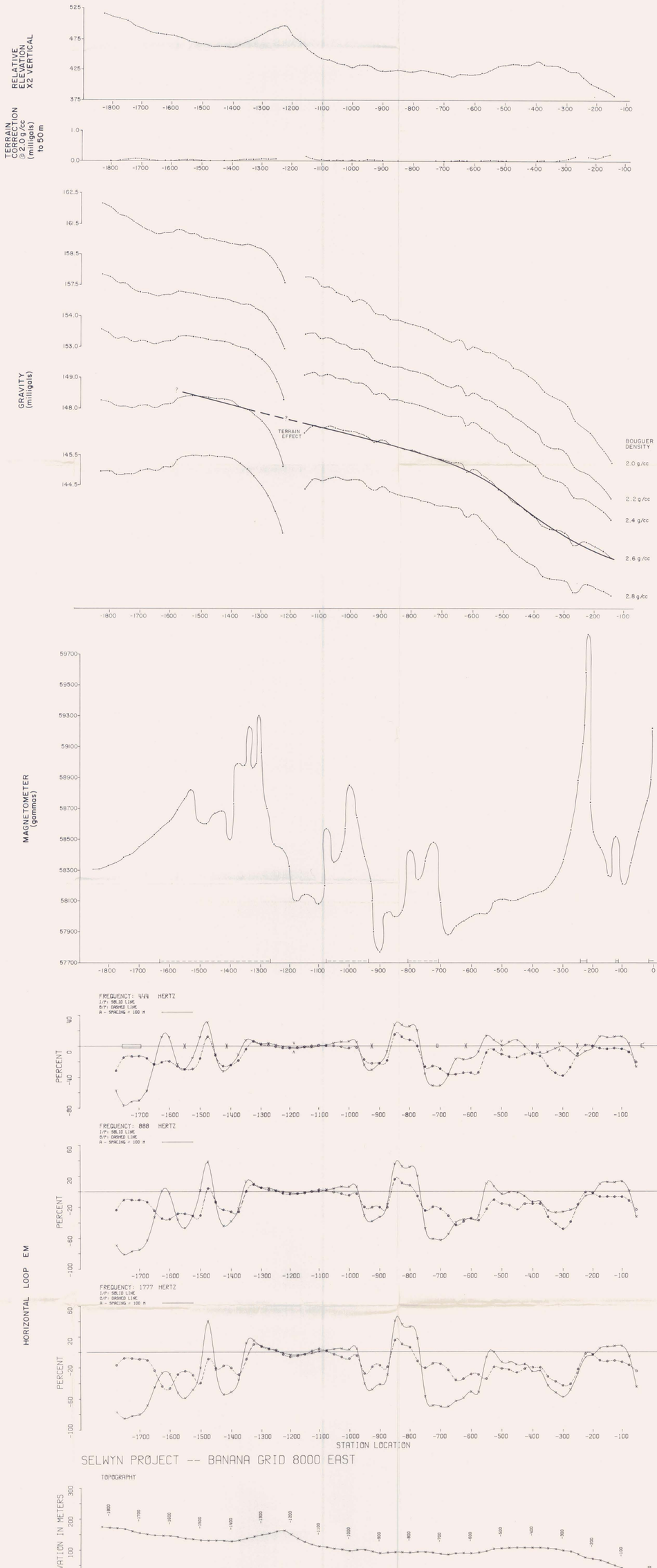
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

BANANA GRID - LINE 7600E

091169

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982	
scale: 1:5000	n.t.s. 105 L/15	drawing no. — of — 11	



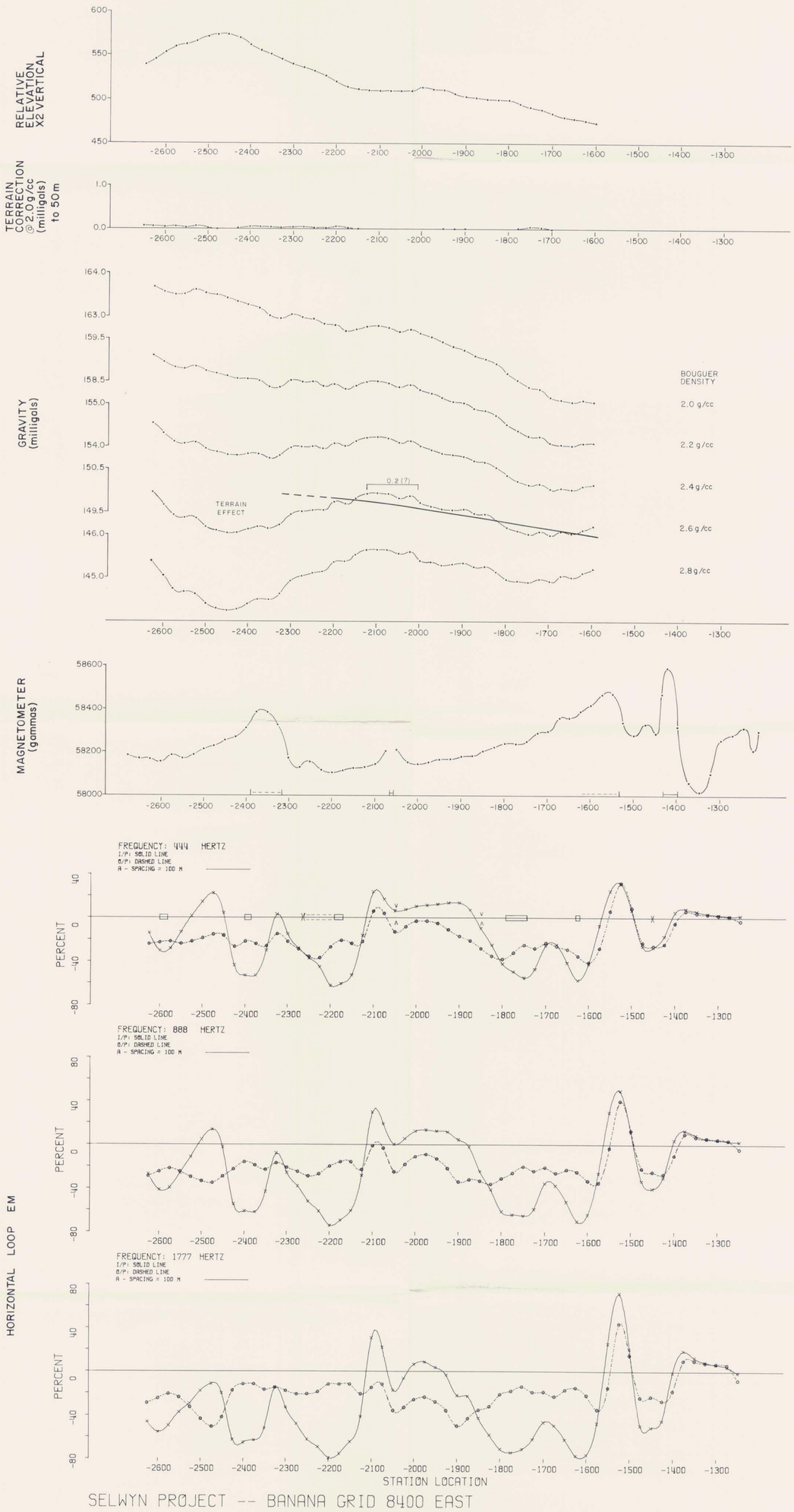
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

BANANA GRID - LINE 8000E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982	
scale: 1:5000	n.t.s.	105 L/15	drawing no. 12 of ___



SELWYN PROJECT -- BANANA GRID 8400 EAST



LEGEND

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

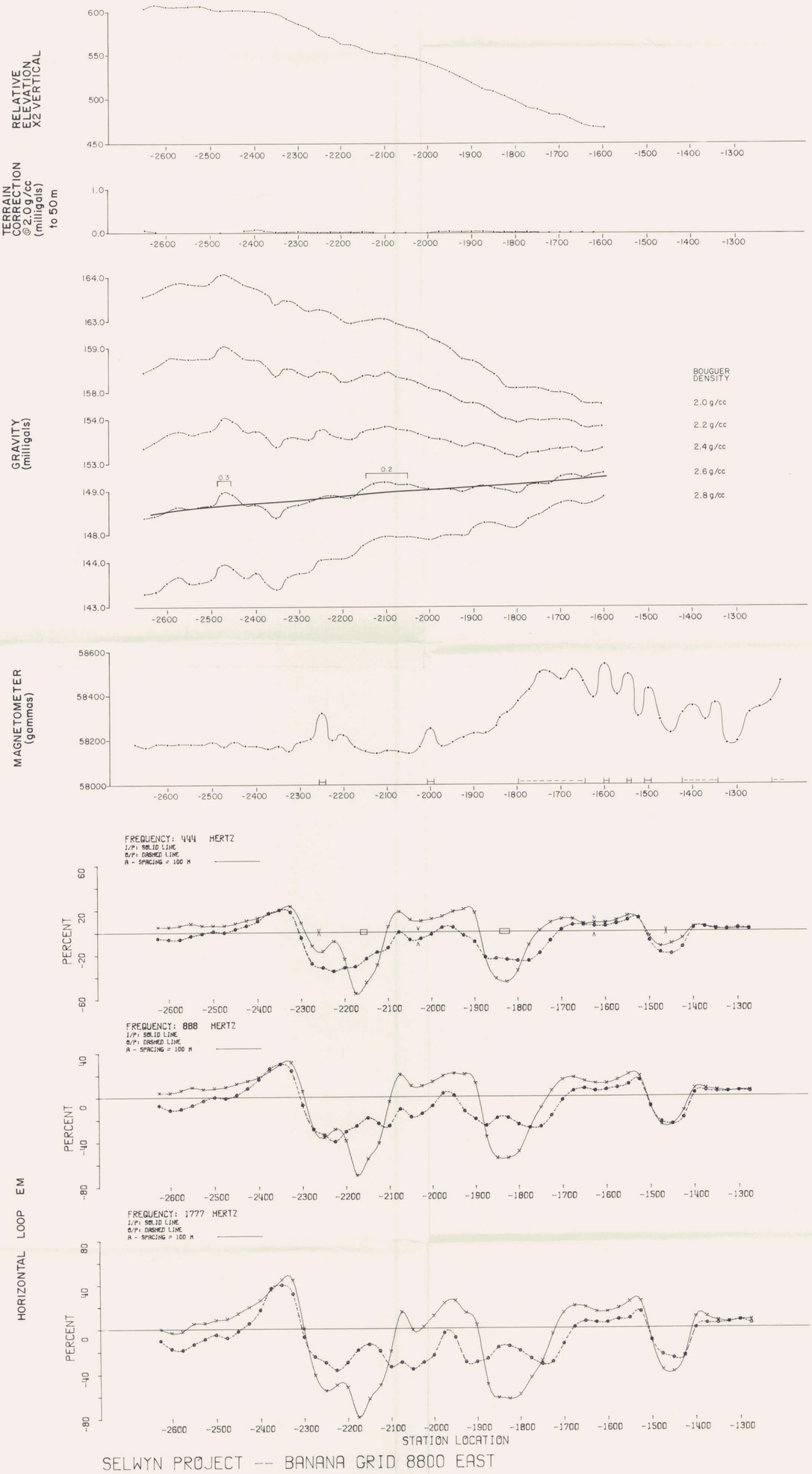
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

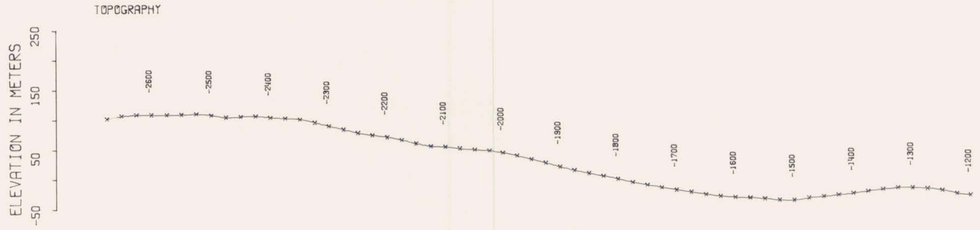
BANANA GRID - LINE 8400E

091468

geology by: A. S.	drawn by: D. M. C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. 13 of —



SELWYN PROJECT -- BANANA GRID 8800 EAST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

BANANA GRID - LINE 8800E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982	
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 14	

MAGNETICS

GAMMAS

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

PERCENT

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

PERCENT

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

PERCENT

STATION LOCATION

SELWYN PROJECT -- SCOOTER GRID LINE 8400 EAST

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

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

ANACONDA Canada Exploration Ltd.

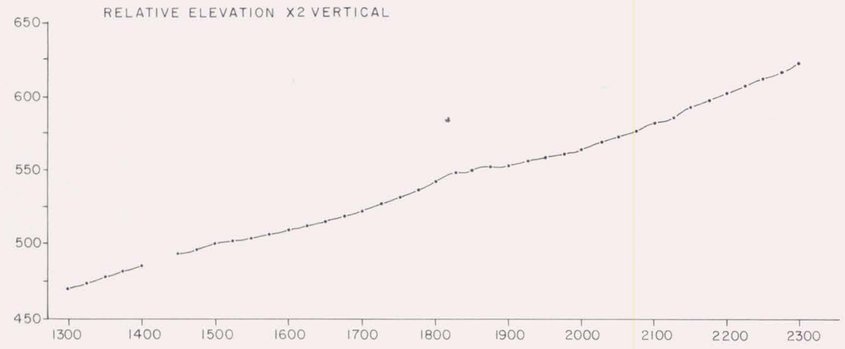
SELWYN PROJECT

SCOOTER GRID LINE 8400 E

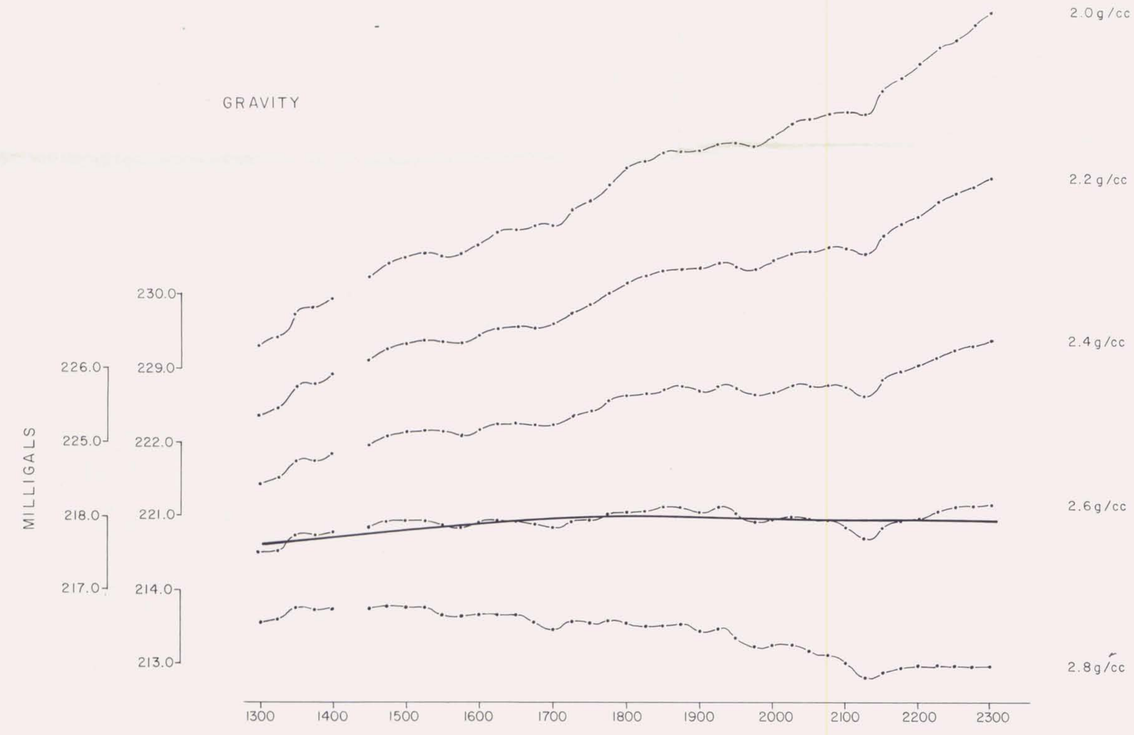
091468

geology by: A.S.	drawn by: D.M.C.	date: AUG., 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 15

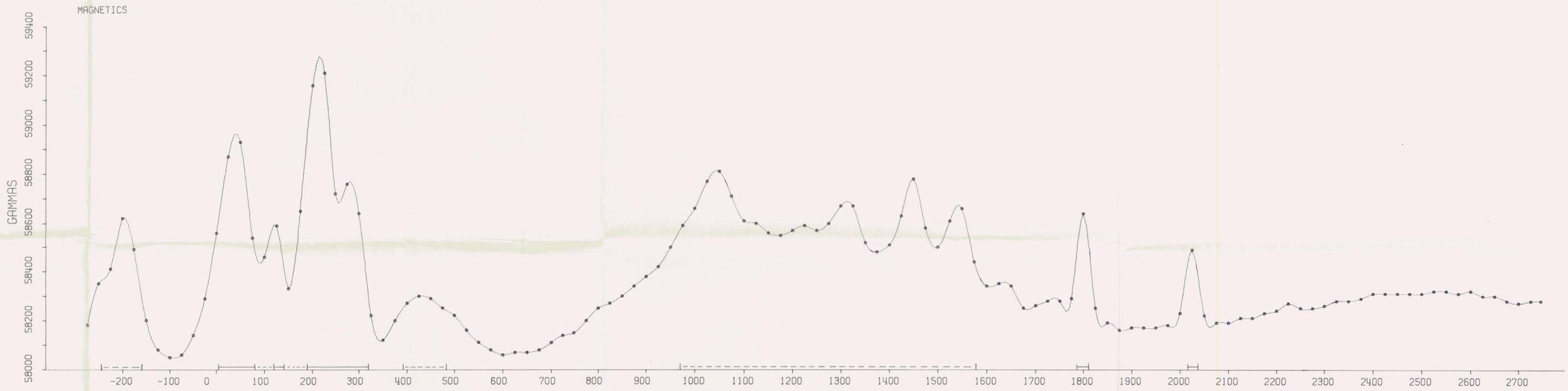
RELATIVE ELEVATION X2 VERTICAL



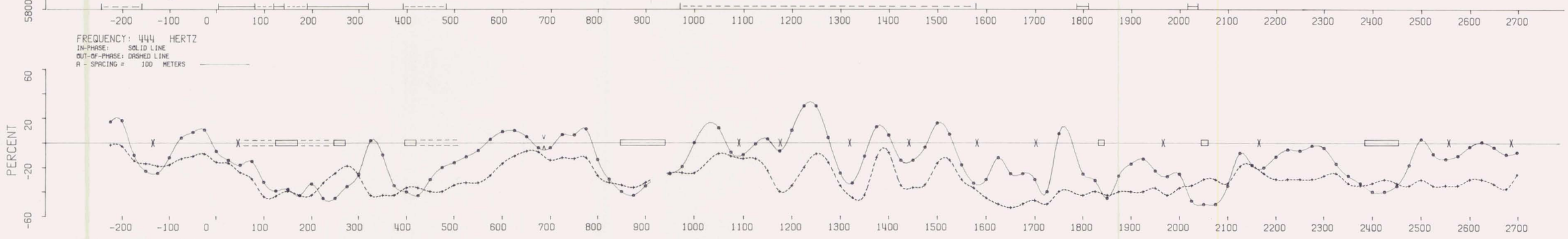
GRAVITY



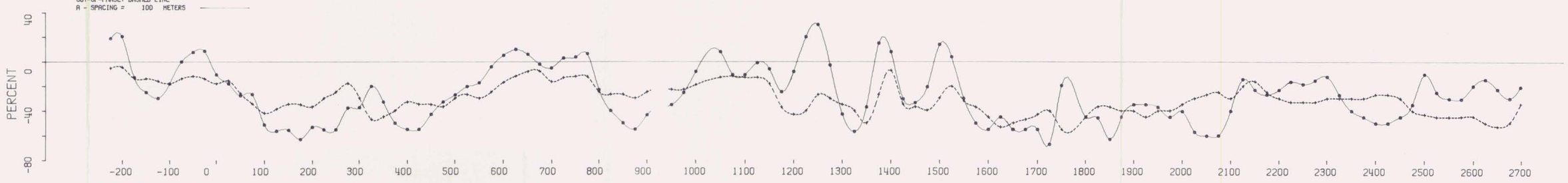
MAGNETICS



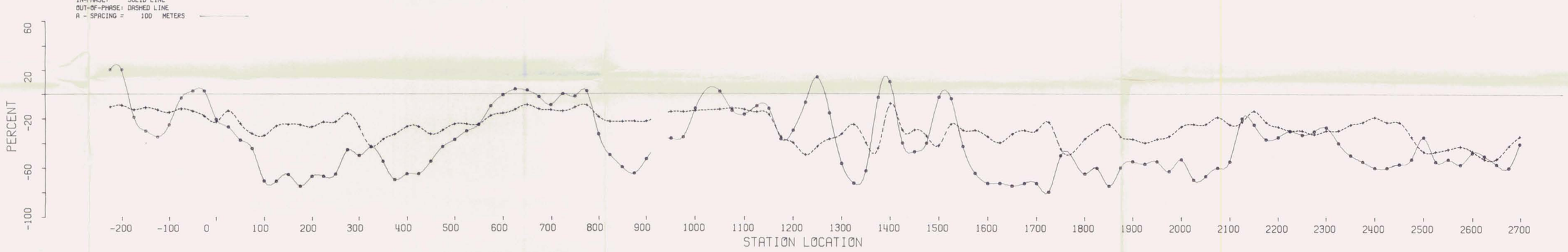
FREQUENCY: 444 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A - SPACING = 100 METERS



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

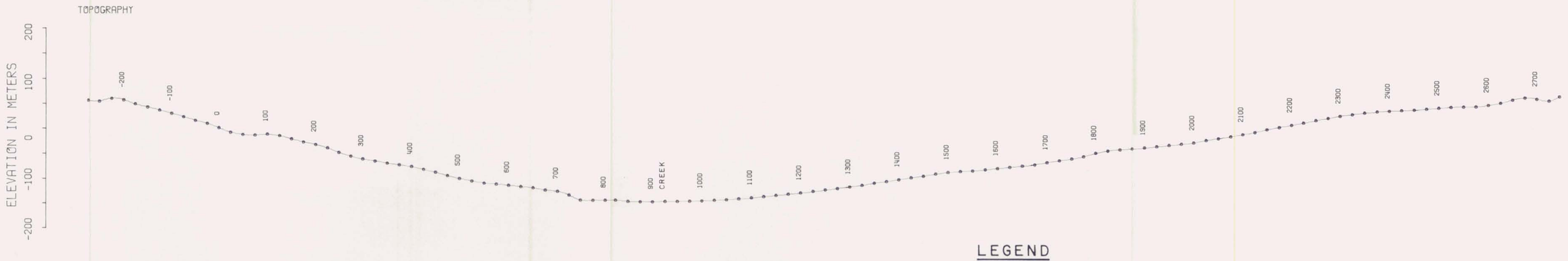


FREQUENCY: 1777 HERTZ
IN-PHASE: SOLID LINE
OUT-OF-PHASE: DASHED LINE
A - SPACING = 100 METERS



SELWYN PROJECT -- SCOOTER GRID LINE 8800 EAST

TOPOGRAPHY



LEGEND

- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor
- Weak HLEM Conductor
- Broad Magnetic High
- Magnetic Anomaly
- 0.2 — Residual Gravity High and Amplitude (milligals)

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

091468

SCOOTER GRID LINE 8800 E

geology by: A.S.	drawn by: D.M.C.	date: AUG, 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 16

MAGNETICS

GAMMAS

58000 58200 58400 58600 58800 59000

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500

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

PERCENT

60 20 -20 -60

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500

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

PERCENT

80 40 0 -40 -80

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500

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

PERCENT

40 0 -40 -80

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500

STATION LOCATION

SELWYN PROJECT -- LINE 9200 EAST

TOPOGRAPHY

ELEVATION IN METERS

250 150 50 -50 -150

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500

LEGEND

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

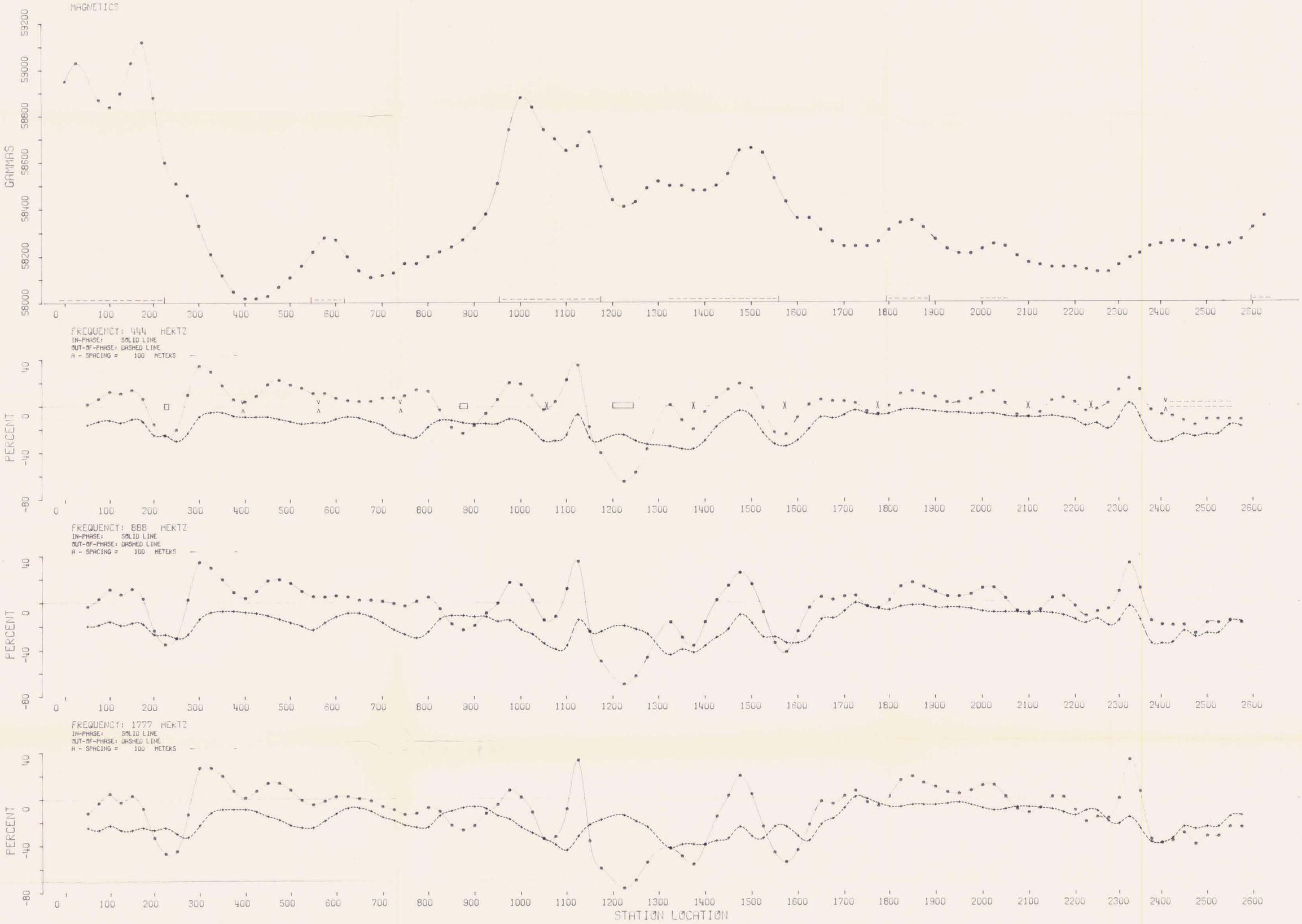
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

091468

SCOOTER GRID LINE 9200 E

geology by: A.S.	drawn by: D.M.C.	date: AUG/83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 17



SELWYN PROJECT -- SCOOTER GRID LINE 9600 EAST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

SCOOTER GRID LINE 9600 E

091468

geology by: A. S.	drawn by: D.M.C.	date: AUG/83
scale: 1:5,000	n.t.s. 105 L/15	fig./proj. no. 18

MAGNETICS

GAMMAS

59600 59400 59200 59000 58800 58600 58400 58200 58000 57800

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

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

PERCENT

60 20 -20 -60

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

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

PERCENT

60 20 -20 -60

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

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

PERCENT

40 0 -40 -80

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

STATION LOCATION

SELWYN PROJECT -- CANYON GRID LINE 10,000 EAST

TOPOGRAPHY

ELEVATION IN METERS

350 250 150 50 -50 -150

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

CANYON GRID LINE 10,000 E

091468

geology by:	drawn by:	date:
scale:	n.t.s.	fig./proj. no. 19

MAGNETICS

GAMMAS

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

PERCENT

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

PERCENT

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

PERCENT

STATION LOCATION

SELWYN PROJECT -- CANYON GRID LINE 10,400 EAST

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

CANYON GRID LINE 10,400 E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG, 83
scale: 1:5000	n.t.s. 105 L/15	fig./proj. no. 20

MAGNETICS

GAMMAS

58000 58200 58400 58600 58800 59000 59200 59400

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700

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

PERCENT

20 -20 -60

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700

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

PERCENT

40 0 -40 -80

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700

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

PERCENT

40 0 -40 -80

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700

STATION LOCATION

SELWYN PROJECT -- CANYON GRID LINE 10,800 EAST

TOPOGRAPHY

ELEVATION IN METERS

300 200 100 0 -100 -200

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

CANYON GRID LINE 10,800 E

091408

geology by: A S	drawn by: D M C	date: AUG, 83
scale: 1 5000	n.t.s. 105 L/15	fig./proj. no. 21

MAGNETICS

GAMMAS

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

PERCENT

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

PERCENT

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

PERCENT

STATION LOCATION

SELWYN PROJECT -- CANYON GRID LINE 11,200 EAST

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

CANYON GRID LINE 11,200 E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG/83
scale: 1:5000	n.t.s. 105L/15	fig./proj. no. 22

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15 JUL 1983
MINING RECORDERS OFFICE
WHITEHORSE, YT

Anaconda Canada Exploration Ltd.

ASSESSMENT WORK REPORT

Electromagnetic, Gravity, and Magnetometer Surveys

ACE 719-734, 739-754, 398, 400, 405-412 CLAIMS

Whitehorse Mining Division

Yukon Territory

NTS 105 L/15

Latitude: 62°52'N Longitude: 134°43'W

Field Work Performed: June 12 to Sept. 10, 1982

091468

Report By: Alan Scott

Dated: May 19, 1983

TABLE OF CONTENTS

	Page
INTRODUCTION	1
LOCATION AND ACCESS	1
CLAIMS AND OWNERSHIP	2
GROUND CONTROL	2
GEOPHYSICAL SURVEYS	3
Electromagnetic Survey (HLEM)	3
Magnetometer Survey	3
Gravity Survey	4
DISCUSSION OF RESULTS	5
CONCLUSIONS	6

Appendix I - Statement of Expenditures

Appendix II - Certification

LIST OF FIGURES

Map No. (located in pockets at rear of report)

1 General Location Map

2 Magnetic Field Contour Plan

3 Compilation Plan

4-12 Geophysical Results - Profiles

INTRODUCTION

Within the period June 12 to September 10, 1982, a geophysical survey program was completed on the Roger Grid. The grid covers portions of Anaconda's ACE claim group, Whitehorse Mining Division, NTS 105 L/15. Work performed consisted of 20 line kilometers of linecutting and chaining, 16 line kilometers of total field magnetometer and horizontal loop electromagnetometer surveys, and 7 line kilometers of gravity/levels survey.

The exploration target on the Roger grid is stratabound, sediment hosted, Ag/Pb/Zn massive sulphides. The objectives of the geophysical work were to assist geological mapping in this heavily overburden covered area by line to line correlation of geophysical responses, and the direct identification of targets for follow up trenching and/or drilling.

The survey area was selected, in part, on the basis of airborne EM and magnetic anomalies detected by Geoterrex in 1981 (reported on by Carlson, 1981).

This report describes the methodology of the ground geophysical surveys, presents the data, and discusses the results. A discussion of the geology is 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 Roger grid is about 3 kilometers south of the peak of Dromedary Mountain. The geophysical work was supported by helicopter access from a main base camp located on the west shore of Earn Lake. Access to the base camp was by float plane from Whitehorse.

CLAIMS AND OWNERSHIP

The Roger grid covers portions of the ACE claim group, Whitehorse Mining Division, Yukon Territory. The claims are owned by Anaconda Canada Exploration Ltd. The work was conducted on claims within the following listing:

Claims	Grant Nos.
ACE 719B-724B	YA 74825-YA 74830
ACE 725-734	YA 74831-YA 74840
ACE 739-754	YA 74953-YA 74868
ACE 398,400	YA 52456,YA 52458
ACE 405-412	YA 52463-YA 52470

GROUND CONTROL

The Roger grid is a southward continuation of the 1981 main ACE claims grid. A new baseline, defined as 29S, was established on the grid for survey control. All cut lines were turned off with a nailboard, or in the case of control lines, with a transit. Lines were cut by chainsaw, and bearings were maintained by backsighting along pickets. 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. All survey lines were previously chained and inclinometer surveyed by the geophysics crew to maintain accurate control of the coil spacing and coil coplanarity. Corrections were applied to the data for any deviations from the standard spacing.

The HLEM results are plotted as stacked profiles on Maps 4 to 12. 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 HLEM survey was conducted at an interline spacing of 400 meters.

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 magnetometer survey was initially conducted at an interline spacing of 400 meters. Fill in lines, to an interline spacing of 200 meters, were surveyed to the south of baseline 29S from line 14E to 30E. The results are presented in contour plan form on Map 2, and are also plotted in profile form for those lines which were surveyed with HLEM.

Gravity Survey

A Lacoste and Romberg gravimeter was used for the gravity survey, and a Topcon Guppy EDM was used to obtain relative station elevations. The raw gravity data was corrected for tidal and meter drifts, and bouguer gravity values were computed for bouguer densities of 2.0, 2.2, 2.4, 2.6, and 2.8 g/cc. The gravity survey was restricted to lines 20, 28, 32, and 36E.

An 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 the Hammer cylindrical correction. All terrain corrections were made assuming an average terrain density of 2.0 g/cc.

While the above procedure is believed to have been adequate for correcting for very local terrain effects, the Roger grid lies in an area of substantial relief and significant terrain effects remain within the data. It would be necessary to digitize the topographic map and use computer modelling of the terrain to correct for those "outer" terrain effects.

DISCUSSION OF RESULTS

The major geophysical results 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 line profiles.

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".

A strong magnetic high trends accross the Roger grid some 400 meters south of the 29S tieline from line 32E to line 12E, and is open to the west. A strong HLEM conductor is, in part, north flanking and, in part, coincident with this magnetic anomaly.

The objective of the gravity survey was the direct identification of possible massive sulphide targets. Owing to uncertainty of the amount of terrain effect remaining in the results, a low level of confidence is assigned to the plotted residual gravity values. However, the weak anomaly (.2 mgals) at 3450 S on line 20W is directly coincident with the above mentioned magnetic anomaly and HLEM conductor. Further work to determine the source of this feature is warranted.

Other weak gravity anomalies, or HLEM or magnetic anomalies, would require supporting evidence (geochemical or geological) before further work could be recommended.

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.

The strong magnetic high, which trends accross the grid from line 32E to 12E some 400 meters south of the 29S tie line, is partially coincident with a strong HLEM conductor. On line 20E at 3450S, the magnetic high is directly coincident with the HLEM conductor and with a weak residual gravity high. Further work to determine the source of this feature is warranted. Other gravity, magnetic, or HLEM anomalies would require supporting evidence (geological or geochemical) before further work could be recommended.

Respectfully submitted,



Alan Scott,
Geophysicist.

Distribution:
Mining Recorder (2) ✓
ACEL files (1)
J. Corbett, Chief Geophys. (1)
R. Hall, Project Geologist (1)

APPENDIX I

Statement of Expenditures

ACE Claims - Roger Grid

SALARIES		
Contract Personnel: (Murex Gravity Surveys Ltd.)		
L. Johnson, sn. tech., June 29-July 1		
3 days @ 175/day	= 525	
D. Iverson, surveyor, June 27-July 1,Sept 10		
6 days @ 175/day	= 1050	
Anaconda Personnel:		
P. MacGillivary, sn. asst., June 12-20,29,30		
11 days @ 103/day	= 1133	
A. Huard, asst., June 12-20,29,30; 11 days @ 86	= 946	
G. Minnes, asst., June 27-July 1; 5 days @ 86	= 430	
L. Fairweather, asst., June 12-20,29,30		
11 days @ 86/day	= 946	
B. Rode, tech., Sept. 10; 1 day @ 103/day	= 103	
F. Thrane, tech., Sept. 10; 1 day @ 103/day	= 824	
		$5236
EQUIPMENT RENTALS:		
Max Min II EM; 2 wks. @ 2458/mo	= 1147	
Lacoste & Romberg gravimeter; 2 wks @ 2000/mo	= 933	
EDA ppm 300/400 magnetometers; 2 wks @ 3018/mo	= 1408	
Topcon Guppy EDM; 2 wks @ 750/mo	= 350	
		3838
CAMP COSTS:		
49 man days @ 50/man day	=	2450
HELICOPTER SUPPORT:		
15 survey days @ 1.5 hrs/day @ 450/hr + 50/hr fuel	=	7500
CHARGES PER SURVEY DAY (towards drafting, supervision, report):		
15 survey days @ 200/day		3000
CONTRACT LINECUTTING:		
20 line kilometers @ 375/km		7500
	Total Expenditures:	$29524

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:

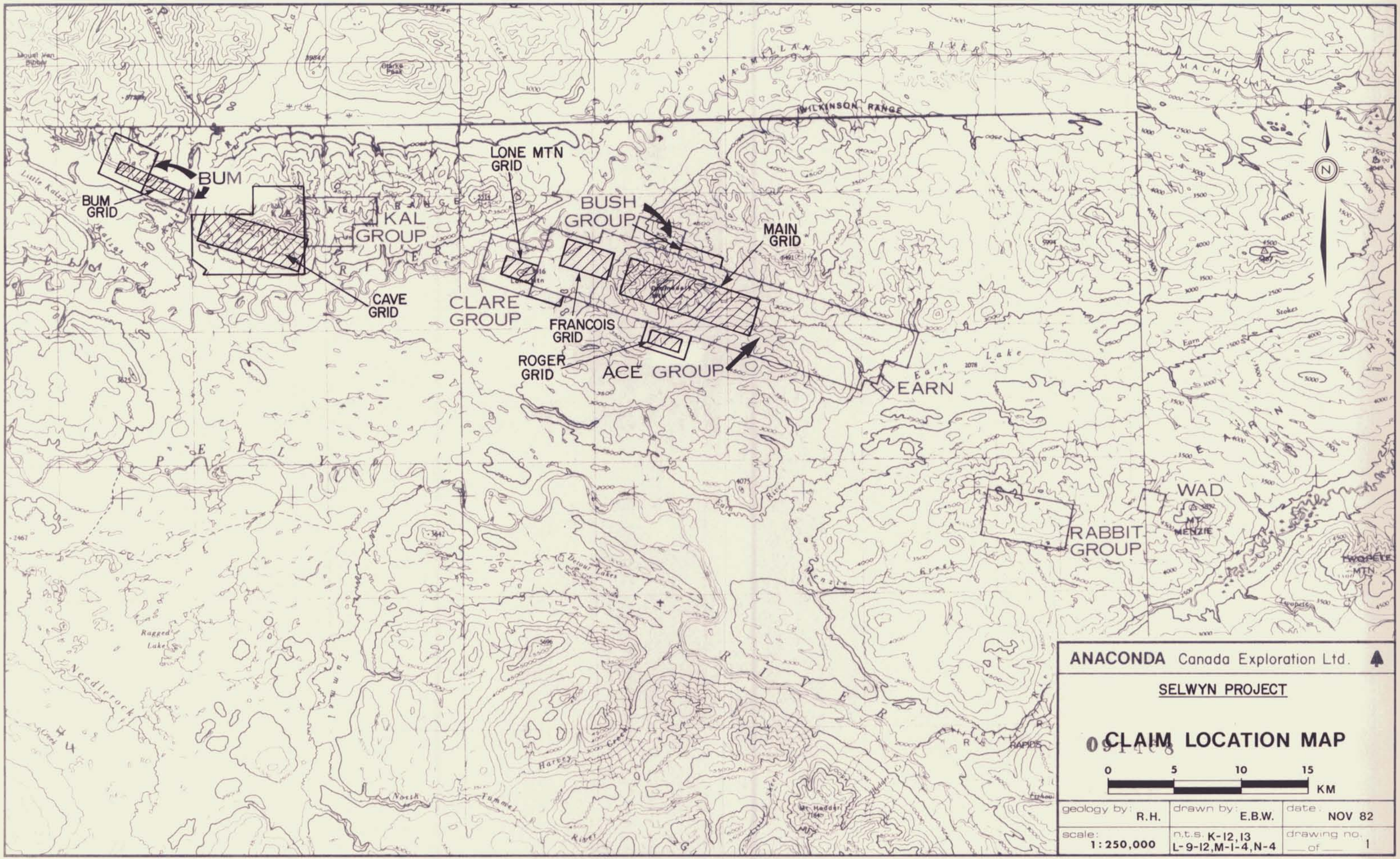
1. I graduated with a B. Sc. (geophysics) from the University of British Columbia in 1970.

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.



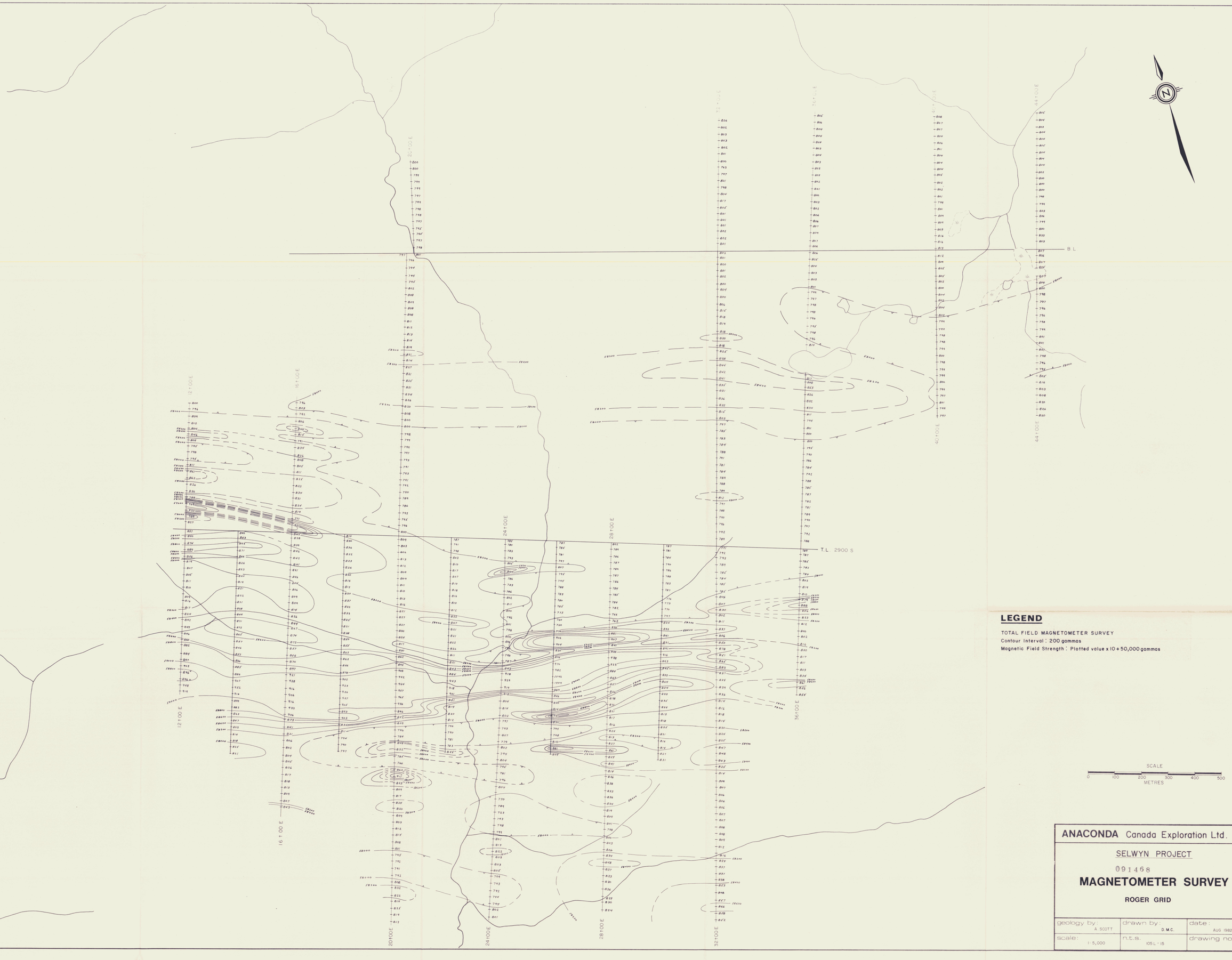
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

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

TOTAL FIELD MAGNETOMETER SURVEY
Contour Interval : 200 gammas
Magnetic Field Strength : Plotted value x 10 + 50,000 gammas

SCALE
0 100 200 300 400 500
METRES

ANACONDA Canada Exploration Ltd.

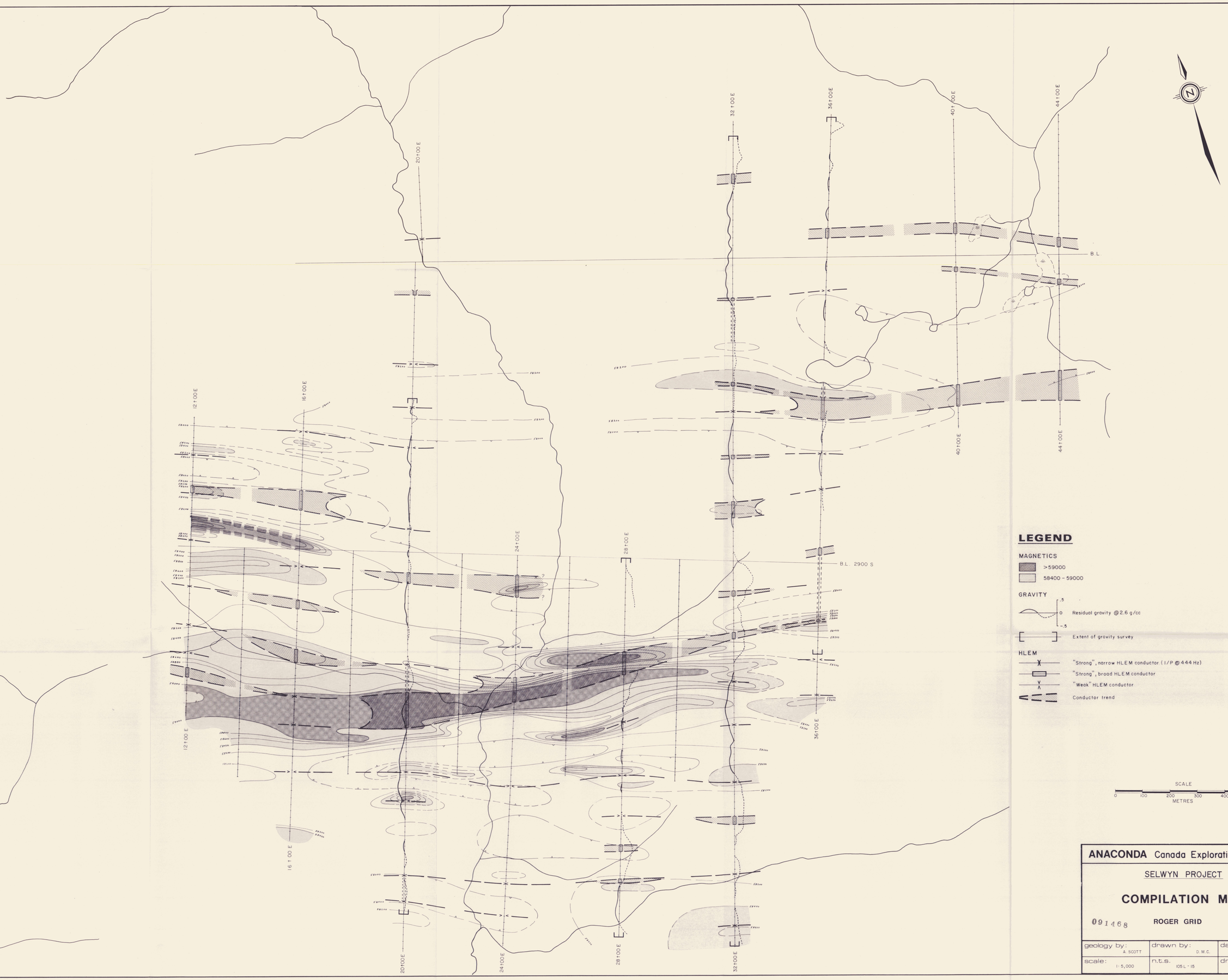
SELWYN PROJECT

091468

MAGNETOMETER SURVEY

ROGER GRID

geology by: A. SCOTT	drawn by: D.M.C.	date: AUG 1982
scale: 1:5,000	n.t.s. 105 L - 15	drawing no. 2



LEGEND

MAGNETICS

- >59000
- 58400 – 59000

GRAVITY

- .5 / 0 / -.5 — Residual gravity @ 2.6 g/cc
- Extent of gravity survey

HLEM

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

SCALE

0 100 200 300 400 500

METRES

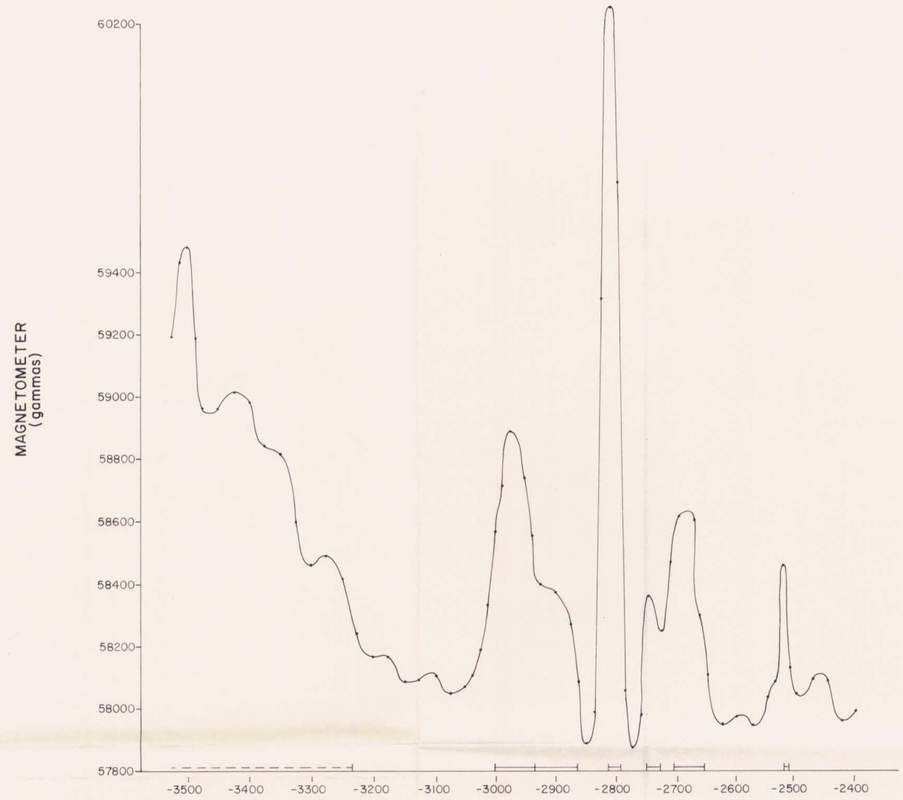
ANACONDA Canada Exploration Ltd.

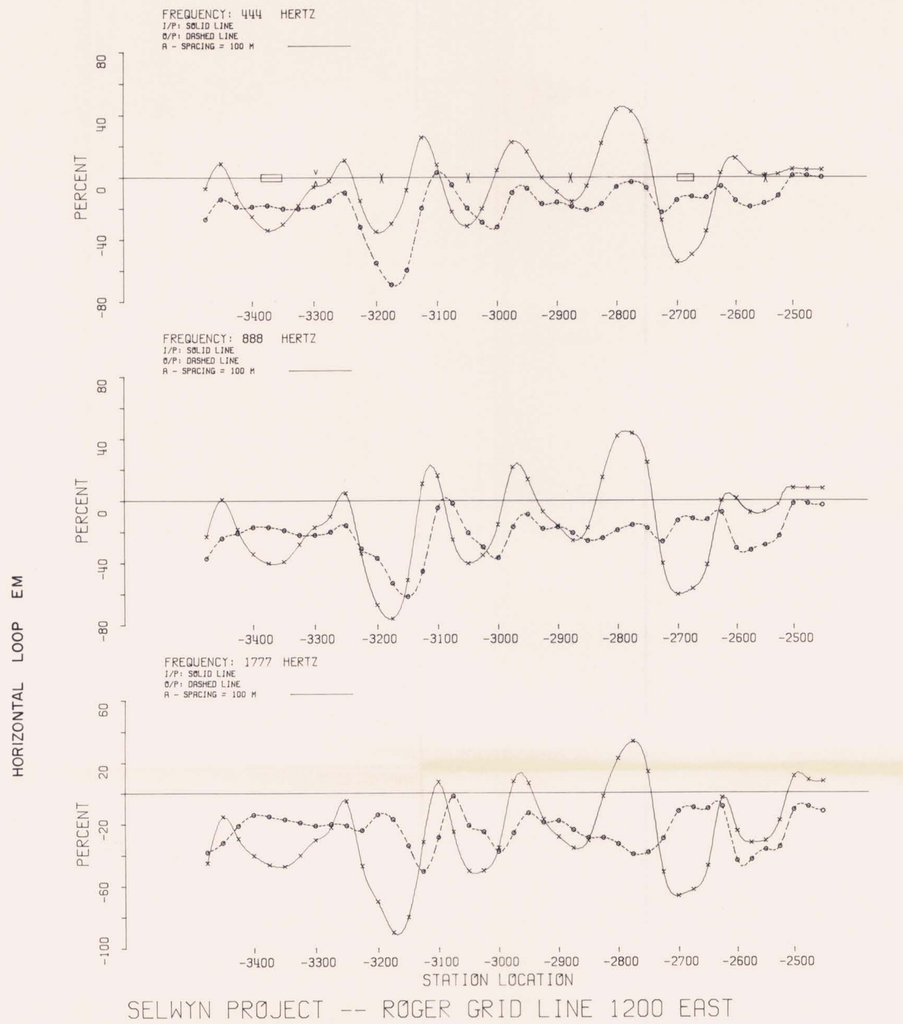
SELWYN PROJECT

COMPILATION MAP

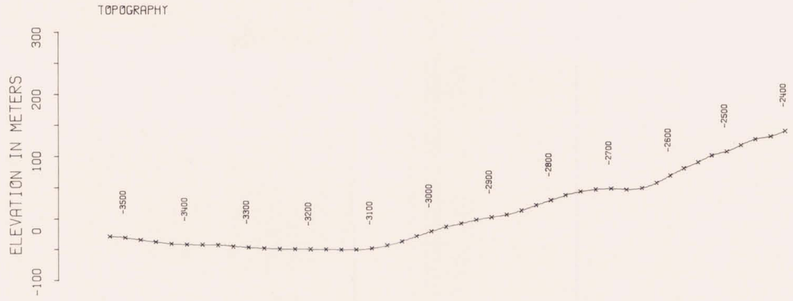
091468 ROGER GRID

geology by: A. SCOTT	drawn by: D.M.C.	date: AUG 1982
scale: 1:5,000	n.t.s. 105 L - 15	drawing no. 3





SELWYN PROJECT -- ROGER GRID LINE 1200 EAST



LEGEND

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

ANACONDA Canada Exploration Ltd.

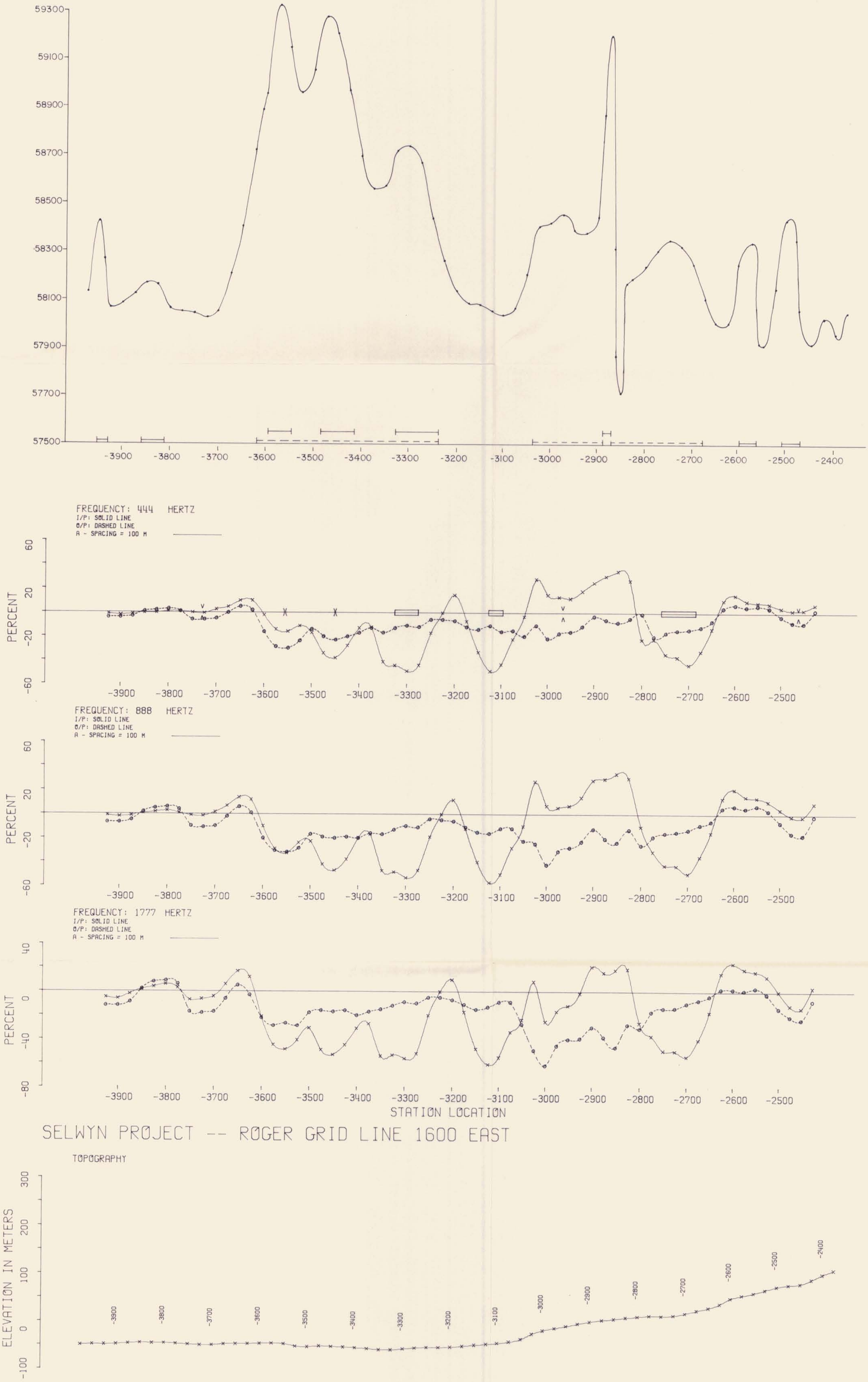
SELWYN PROJECT

ROGER GRID - LINE 1200E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 4

HORIZONTAL LOOP EM



SELWYN PROJECT -- ROGER GRID LINE 1600 EAST

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

ROGER GRID - LINE 1600E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 5

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50m

RELATIVE ELEVATION X2 VERTICAL

GRAVITY (milligals)

BOUGUER DENSITY

2.0 g/cc

2.2 g/cc

2.4 g/cc

2.6 g/cc

2.8 g/cc

MAGNETOMETER (gammas)

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 m

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 m

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 m

PERCENT

STATION LOCATION

SELWYN PROJECT -- ROGER GRID LINE 2000 EAST

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

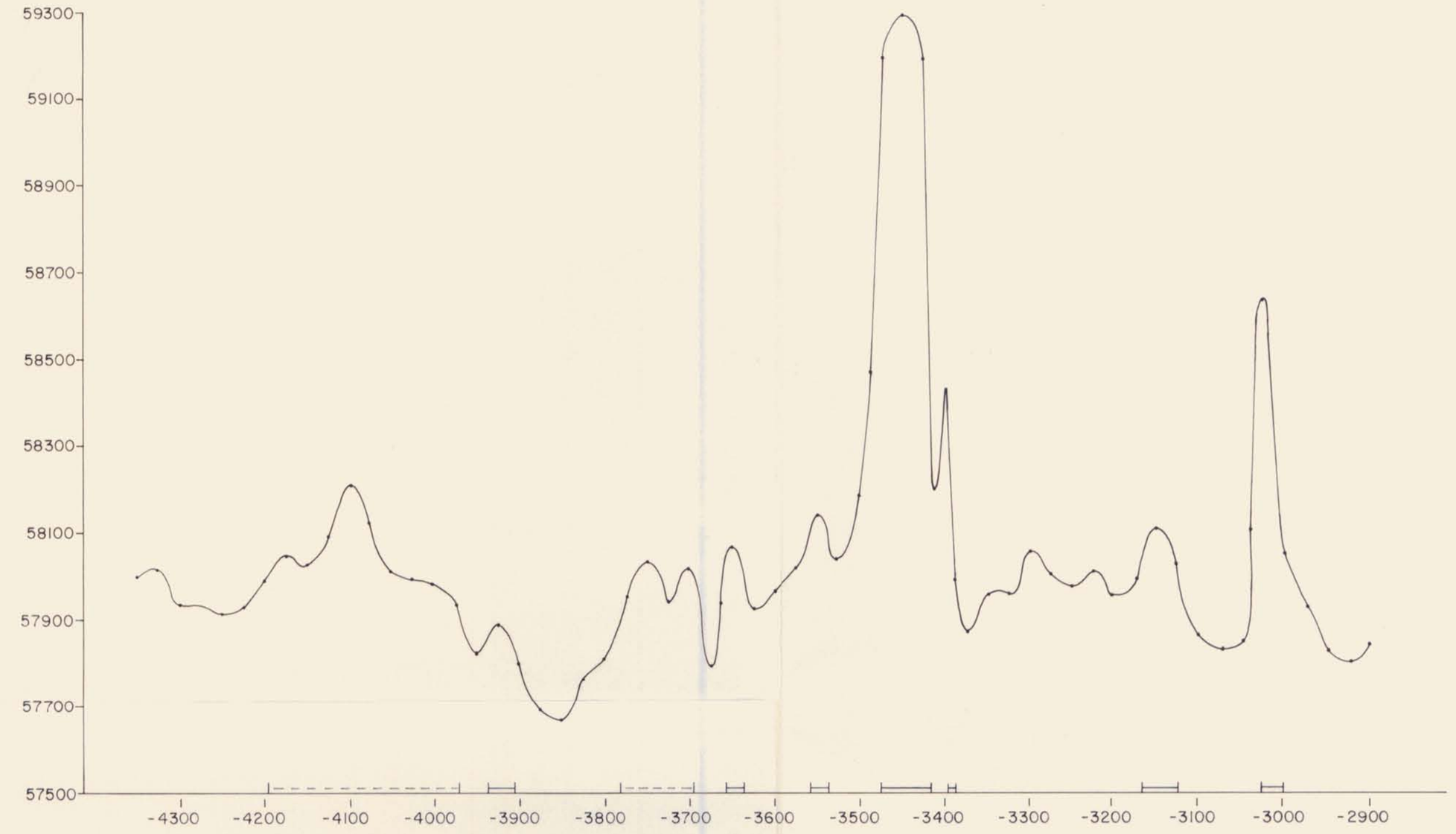
ROGER GRID - LINE 2000E

091408

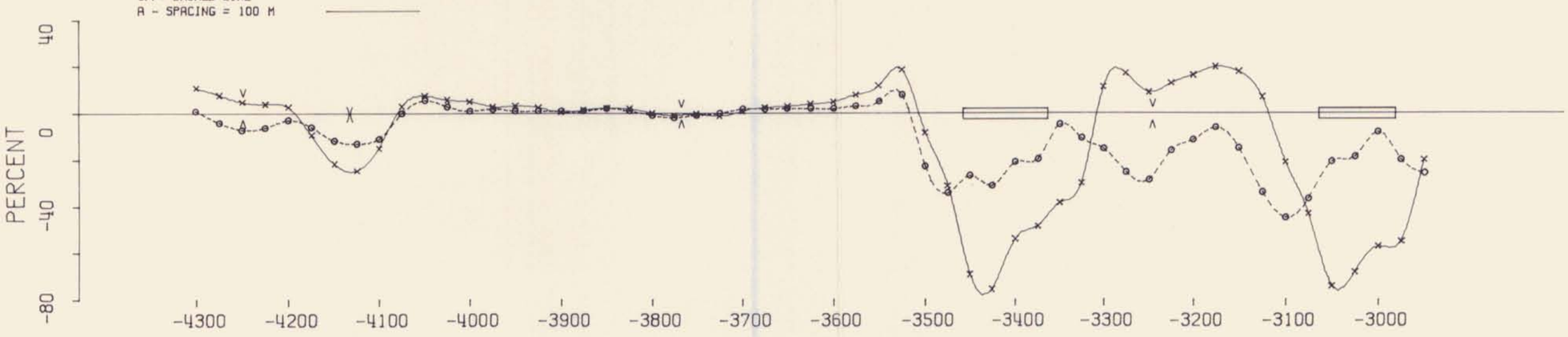
geology by: A.S.	drawn by: D.M.C.	date: JULY 1982
scale: 1:5,000	n.t.s. 105 L/15	drawing no. ___ of ___ 6

HORIZONTAL LOOP EM

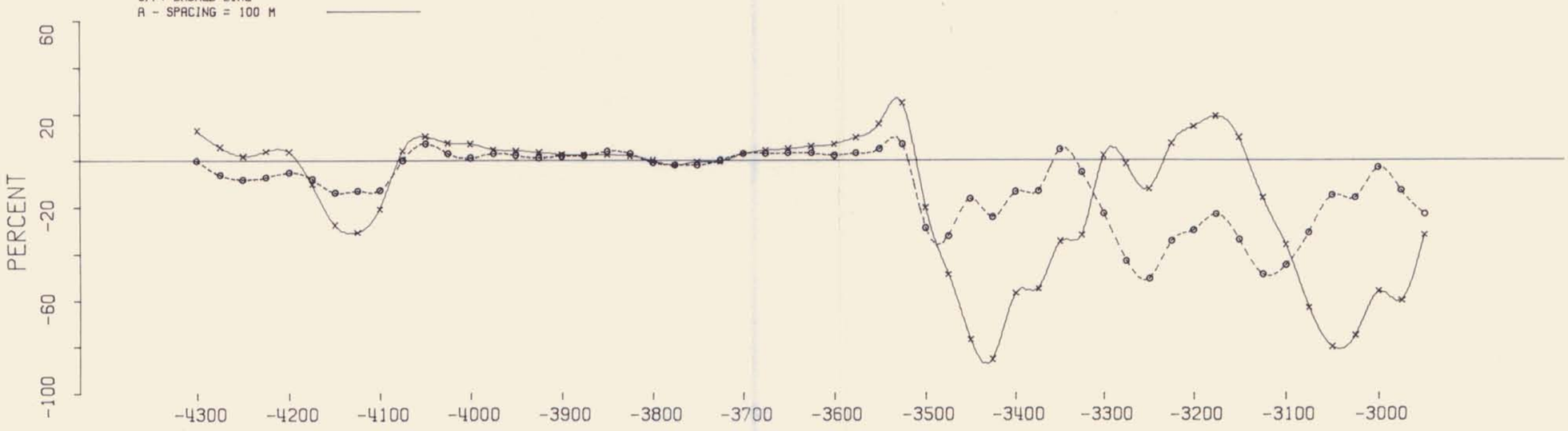
MAGNETOMETER (gammas)



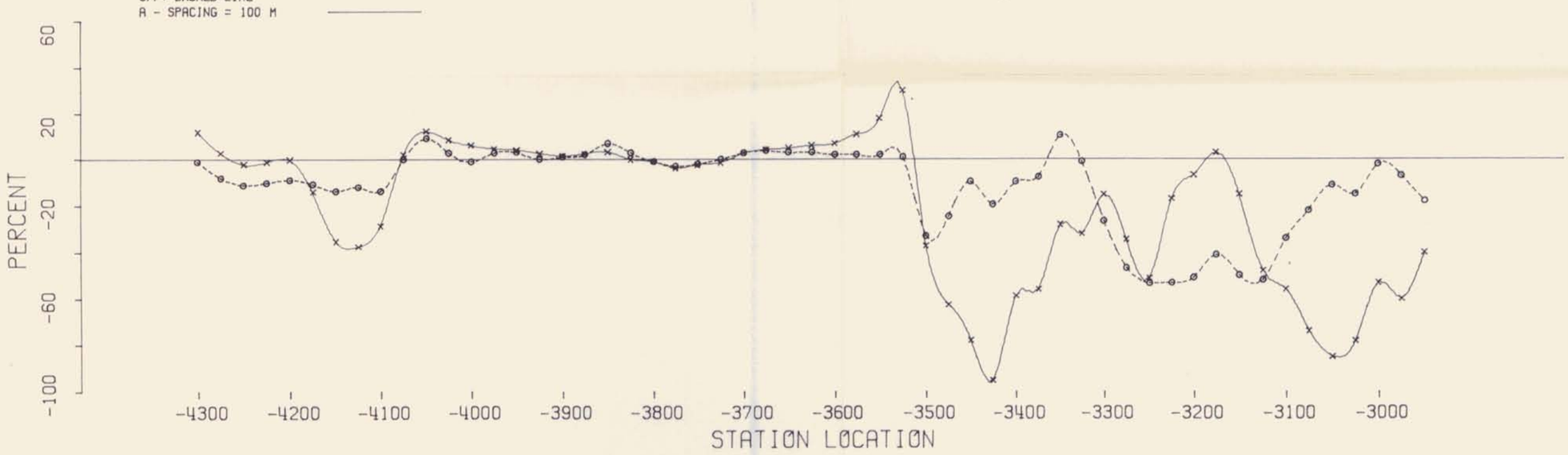
FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M



FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M



FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M



SELWYN PROJECT -- ROGER GRID LINE 2400 EAST

TOPOGRAPHY



091468

LEGEND

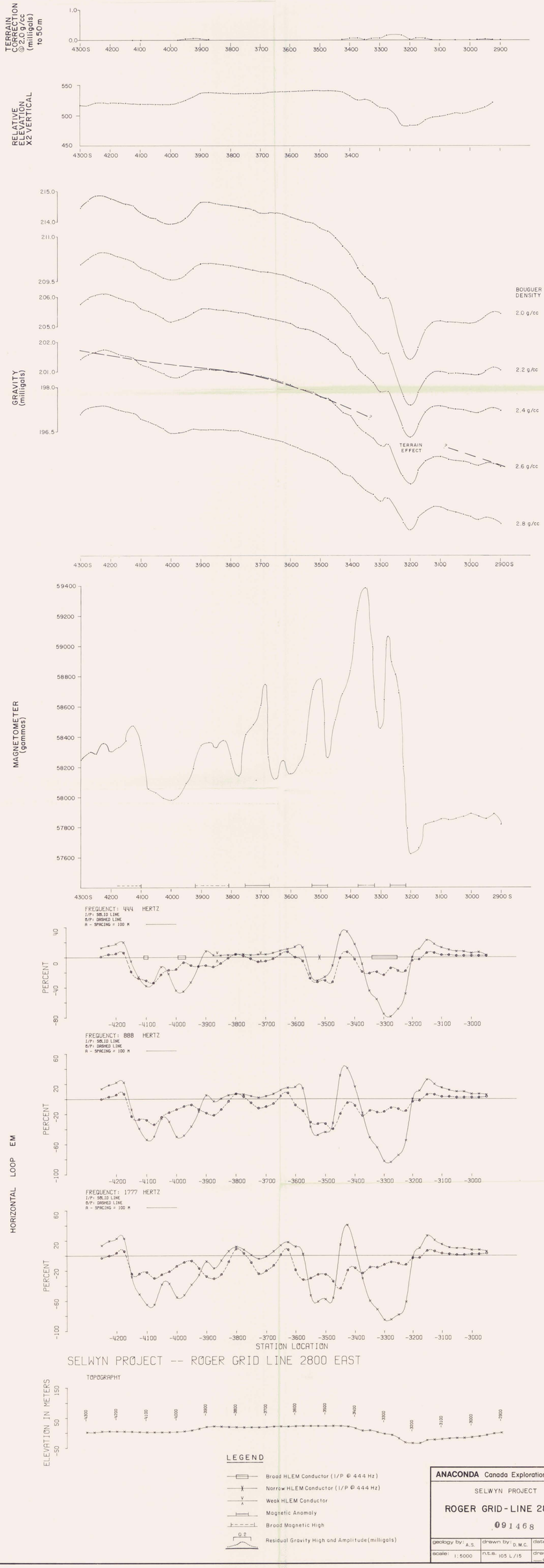
- Broad HLEM Conductor (I/P @ 444 Hz)
- Narrow HLEM Conductor (I/P @ 444 Hz)
- Weak HLEM Conductor
- Magnetic Anomaly
- Broad Magnetic High

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

ROGER GRID - LINE 2400E

geology by: A. S.	drawn by: D. M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. 7 of ___



ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

ROGER GRID - LINE 2800E

091468

geology by: A.S.	drawn by: D.M.C.	date: AUG 1982	
scale: 1:5000	n.t.s. 105 L/15	drawing no. — of —	8

TERRAIN CORRECTION @2.0 g/cc (milligals) to 50 m

RELATIVE ELEVATION X2 VERTICAL

GRAVITY (milligals)

BOUGUER DENSITY

2.0 g/cc

2.2 g/cc

2.4 g/cc

2.6 g/cc

2.8 g/cc

? 0.2

? 0.3

MAGNETOMETER (gammas)

HORIZONTAL LOOP EM

FREQUENCY: 444 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 888 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

FREQUENCY: 1777 HERTZ
I/P: SOLID LINE
O/P: DASHED LINE
A - SPACING = 100 M

PERCENT

STATION LOCATION

SELWYN PROJECT -- ROGER GRID LINE 3200 EAST

TOPOGRAPHY

ELEVATION IN METERS

LEGEND

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

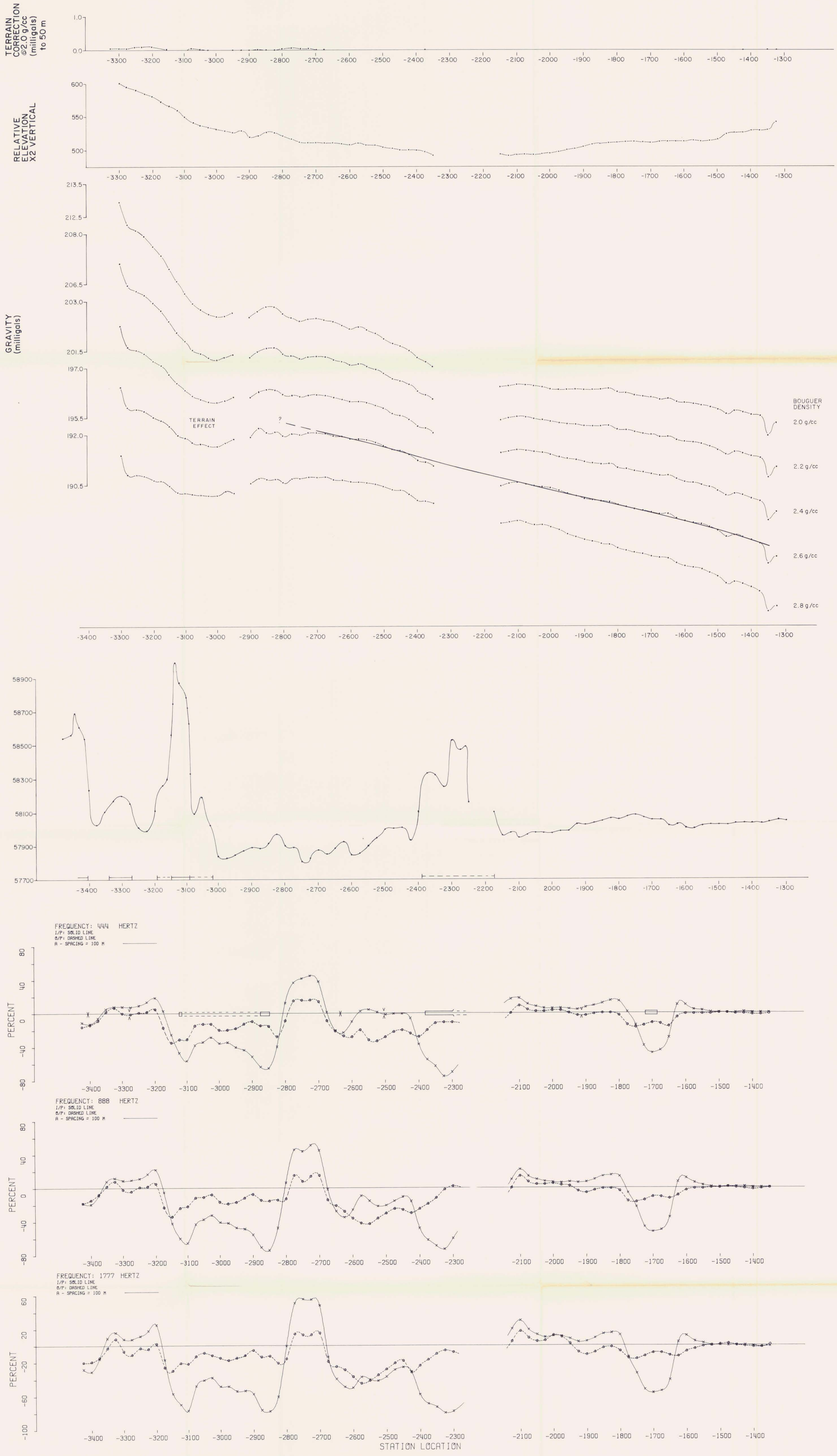
ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

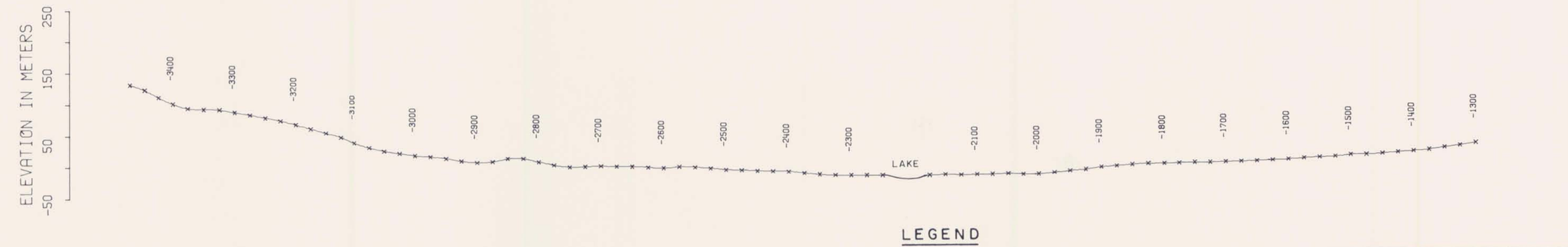
ROGER GRID - LINE 3200E

091408

geology by: A.S.	drawn by: D.M.C.	date: JULY 1982
scale: 1:5,000	n.t.s. 105 L/15	drawing no. ___ of ___ 9



SELWYN PROJECT -- ROGER GRID LINE 3600 EAST



LEGEND

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

ANACONDA Canada Exploration Ltd.

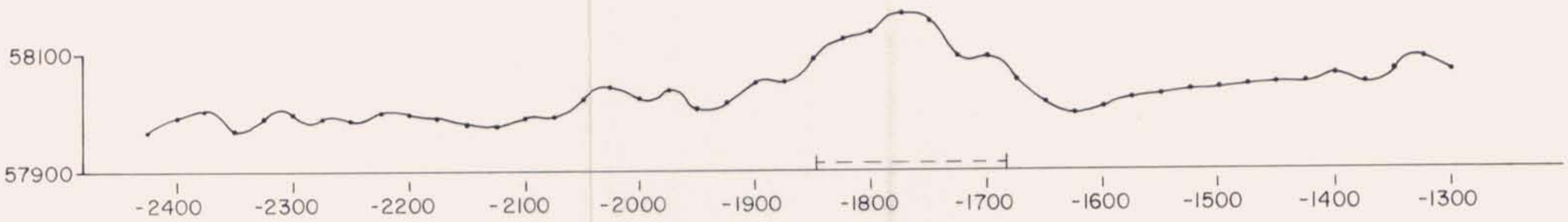
SELWYN PROJECT

ROGER GRID - LINE 3600E

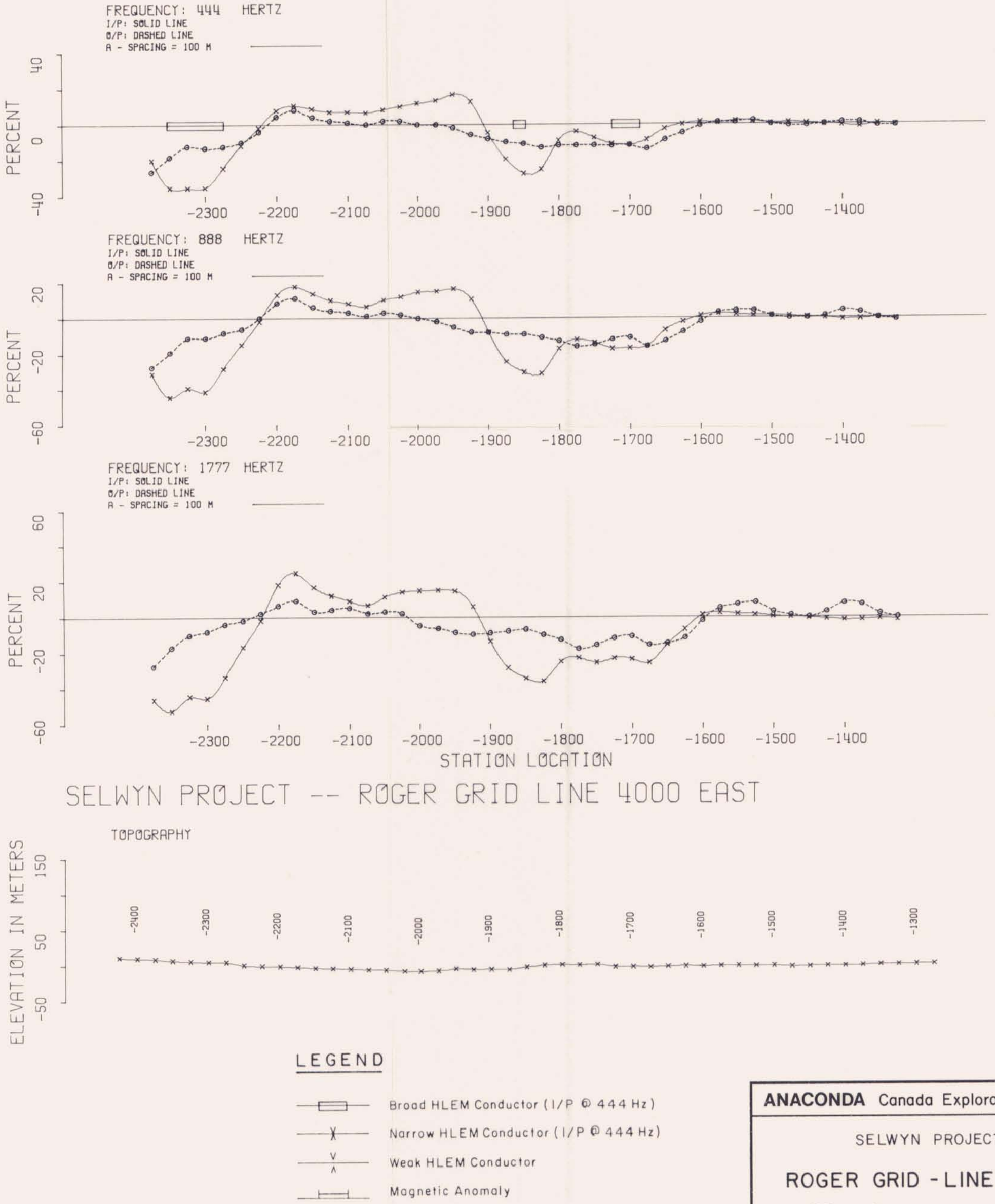
091468

geology by: A.S.	drawn by: D.M.C.	date: JULY 1982	
scale: 1:5,000	n.t.s. 105 L/15	drawing no. — of — 10	

MAGNETOMETER (gammas)



HORIZONTAL LOOP EM



SELWYN PROJECT -- ROGER GRID LINE 4000 EAST

TOPOGRAPHY

LEGEND

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

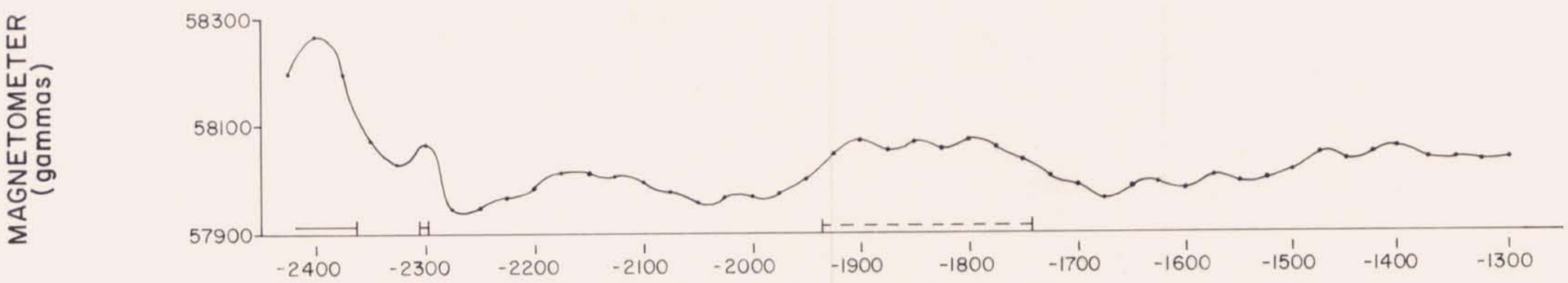
ANACONDA Canada Exploration Ltd.

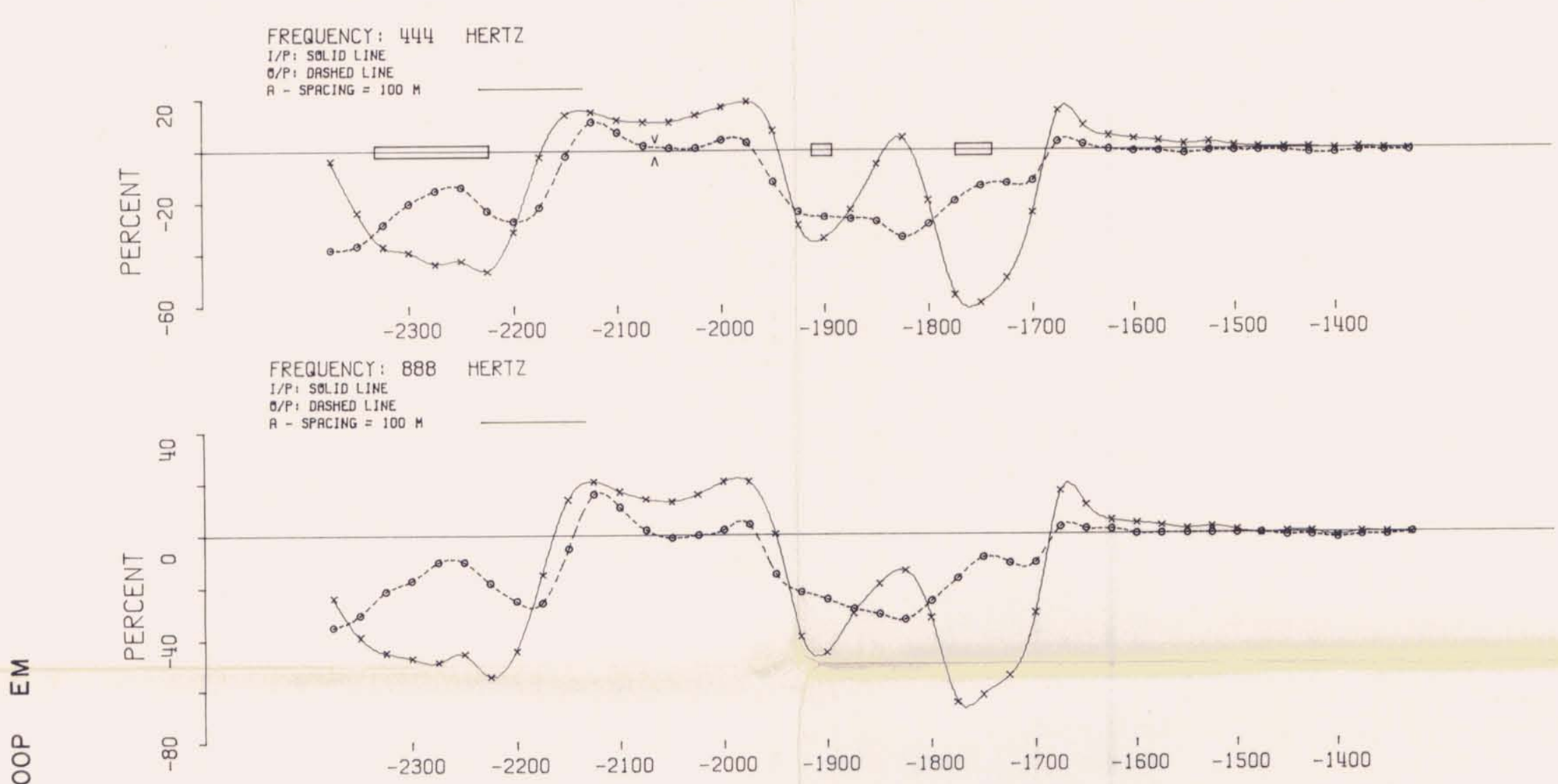
SELWYN PROJECT

ROGER GRID - LINE 4000E

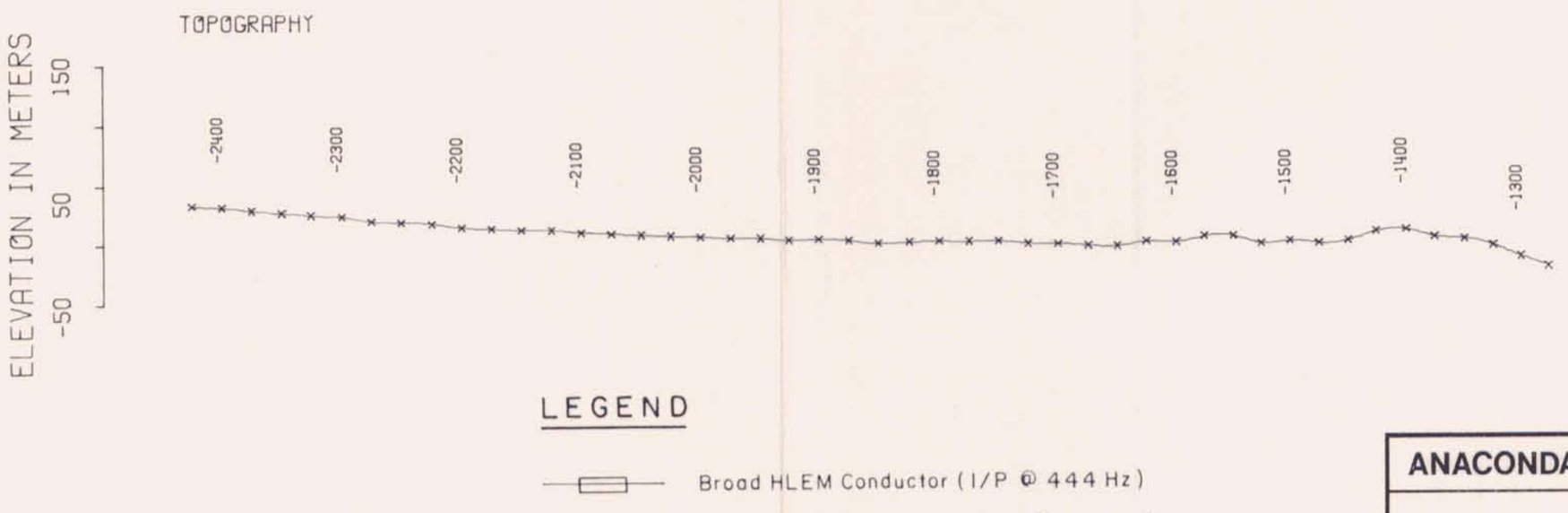
091468

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 11





SELWYN PROJECT -- ROGER GRID LINE 4400 EAST



LEGEND

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

ANACONDA Canada Exploration Ltd.

SELWYN PROJECT

ROGER GRID - LINE 4400E

geology by: A.S.	drawn by: D.M.C.	date: AUG. 1982
scale: 1:5000	n.t.s. 105 L/15	drawing no. ___ of ___ 12