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ANVIL MINING CORPORATION LIMITED

P.O. BOX 2470
103 POLARIS BLOCK
WHITEHORSE, YUKON TERRITORY
CANADA

VANCOUVER OFFICE:
510 WEST HASTINGS STREET
VANCOUVER 2, B.C.
CANADA

November 4th, 1966

Mr. G. McIntyre
Chief Mining Recorder
Federal Building
Whitehorse, Yukon Territory

Dear Mr. McIntyre:

The accompanying report is submitted to apply
as assessment work on the EAST SEA Claim Group
Nos. 108, 110, 112, 114, 116, 118, 120, 122, 124,
126, 136 to 151 inclusive.

The area covered is on claim map sheet
105 K/2.

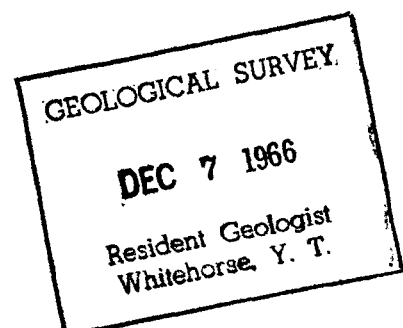
Yours truly,

R.S. Adamson
R.S. Adamson, P. Eng.
Exploration Chief for
ANVIL MINING CORP LTD

This report has been examined by
the Geological Survey Unit.
Approved as being worth by:
D.C. Findlay
RESIDENT GEOLOGIST

Approved as being of the amount
of \$ 6120.95
for *A.S. Needham*
RESIDENT GEOLOGIST

Accepted as being done work
under Section 10 of the Quartz
Mining Act.
[Signature]
COMMISSIONER OF YUKON



GEOPHYSICAL REPORT

On

EAST SEA CLAIM GROUP
(62° 10' N , 132° 45' W)
At

SWIM LAKES, YUKON

For

ANVIL MINING CORP. LTD.

By

EXPLORATION GEOPHYSICS (YUKON) LTD
WHITEHORSE, YUKON

NOVEMBER, 1966



REPORT BY:

R.S. Adamson, B.A.Sc., P. Eng.
Chief of Exploration for
ANVIL MINING CORP LTD.

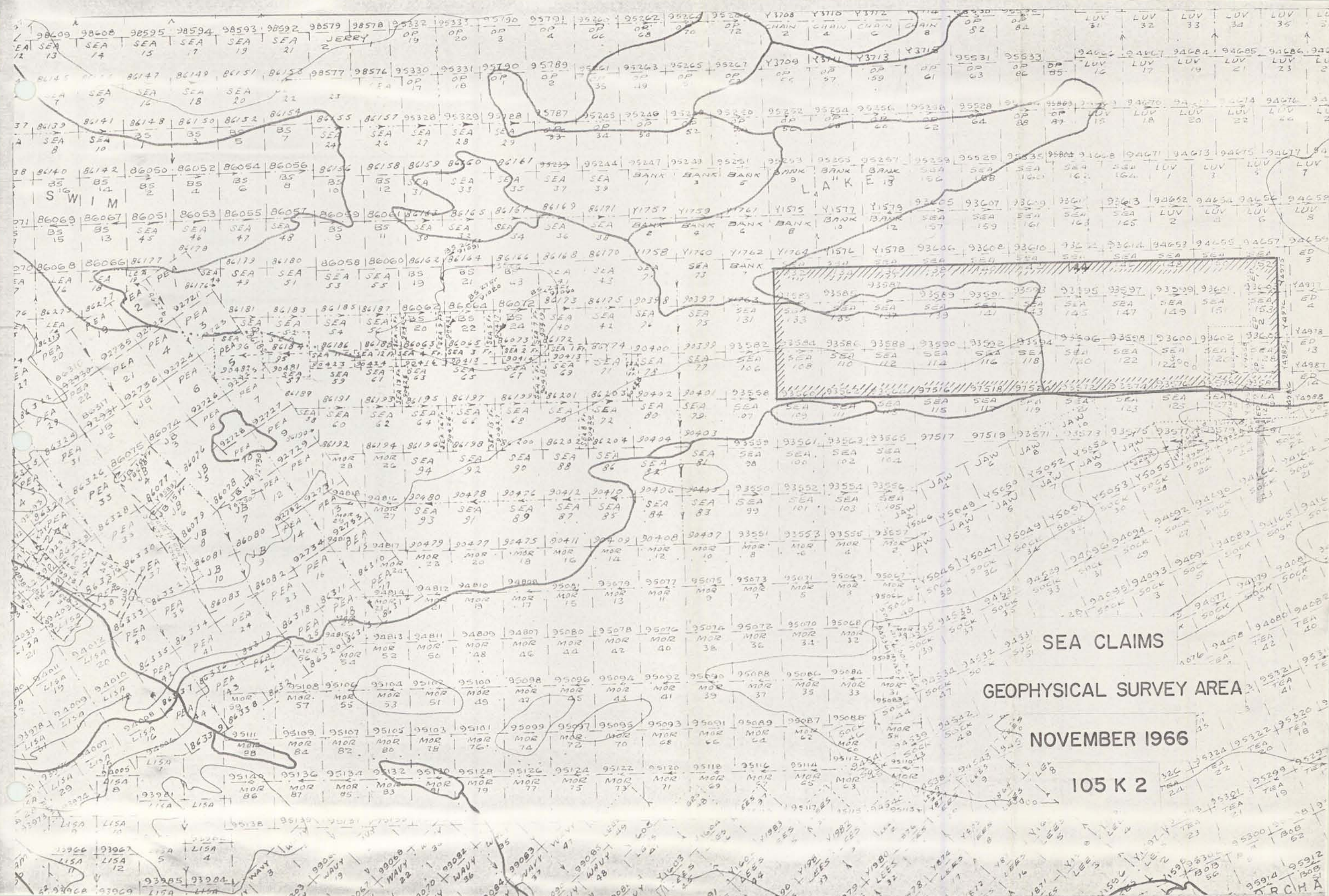
PROPERTY SURVEYED: August 26th to 31st, 1966

GEOPHYSICAL SURVEY

SEA CLAIM GROUP

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SEA CLAIMS

G E O P H Y S I C A L S U R V E Y A R E A

NOVEMBER 1966

105 K 2

ARCHA

INTRODUCTION

A ground magnetic geophysical survey was carried out over a belt of airborne electromagnetic conductors in order to establish whether the conductors had some coincident magnetic response. This survey was done by Exploration Geophysics (Yukon) Ltd. for Anvil Mining Corp. Ltd. on the eastern part of the SEA claim group during the period August 26th to August 31st, 1966.

Preparatory linecutting was done by contract linecutters of White, Hosford and Impey Ltd. of Whitehorse. Linecutting costs are submitted with this report.

Access to the property by all people involved with the property was by helicopter based at FARO camp.

The object of the ground survey was to follow up electromagnetic anomalies, detected from an airborne electromagnetic geophysical survey done in 1965. The area was not flown with the airborne magnetometer so that it was not known whether the airborne conductors had any associated magnetic response.

All geophysical data is presented in the form of profiles, using a distance scale of 1 inch to 400 feet. The vertical scale for the magnetics is 1 inch to 400 gammas.

The only available published data of the Anvil Range area is a preliminary 4 mile to the inch map of the regional geology of the TAY RIVER map sheet done by Drs. J.A. Roddick

and L.H. Green of the Canadian Geological Survey. Rocks in the immediate area of the EAST SEA Group are recorded on this map as largely metamorphic schists and gneisses of probably Mississippian age with tertiary intrusives on the east. Known potential ore bodies in the Anvil Range area lies in the metamorphosed sediments.

SURVEY SPECIFICATIONS

Grid System

A baseline was laid out with a transit and picket lines turned off at 400 foot intervals along the base line by transit. Stations were established along the picket lines at 100 foot intervals by line of picket site and chainage.

Magnetometer Survey

A Sharpe's MF-1 Fluxgate type vertical component magnetometer was used during the entire magnetic survey. This instrument is hand held and needs only coarse levelling and no orientation. The magnetometer has a maximum sensitivity of 20 gammas per scale division on 1000 gamma range and a readability of 5 gammas per scale division.

Readings were taken at 400 foot intervals along the base line and 100 foot intervals along picket lines. Prior to the actual survey, readings were taken at the intersection points of each picket line with the base line. These stations were looped and reread every two hours as a means of controlling drift and diurnal variations.

RESULTS and INTERPRETATION

Magnetometer Survey

After each gamma value was corrected for diurnal variation, they were plotted on a plan of the survey grid (1 inch = 400 ft.). Profiles of each line were drawn to a standard scale (see map in folder).

Upon plotting the values, little of magnetic interest was revealed. Profiles, with the possible exception of line 132 east were essentially flat. A local anomaly of about 150 gammas occurs from about station 200 north to 1000 north on this line.

CONCLUSIONS and RECOMMENDATIONS

Few outcrops occur on this property so that the geophysical results cannot readily be related to geology.

However, in that little magnetic response was encountered during the course of this geophysical survey, typical Anvil Range mineralized bodies probably do not exist within the confines of the surveyed area. Known sulphide bodies because of their pyrrhotite and magnetite content without exception has some magnetic response.

On this basis, further exploration on this part of the SEA claim group should be relegated to a position of low priority.

R.S. Adamson, P. Eng.
Exploration Chief for
ANVIL MINING CORP. LTD.

APPENDIX I (1)

STATEMENT OF COSTS

Geophysical Survey SEA

(A) Linecutting (Invoice Submitted)		\$4,286.95
Baseline 6.818 miles	\$1,704.50	
Picket Lines 29.451 miles	2,282.45	
Contract	<u>3,986.95</u>	
Transportation, helicopter	300.00	
	<u>\$4,286.95</u>	
(B) Contract Geophysics (Invoice Submitted)		\$1,634.00
Exploration Geophysics		
(Yukon) Ltd.	\$1,110.00	
Maintenance 28 man days @ \$8.	224.00	
Transportation, helicopter	300.00	
	<u>\$1,634.00</u>	
(C) Compilation of Report		100.00
(D) Supervision		<u>100.00</u>
	Total:	<u>\$6,120.95</u>

APPENDIX I (ii)

PERSONNEL

(A) Linecutting - White, Hosford and Impey Ltd.
Contract

(B) Geophysics - Exploration Geophysics (Yukon) Ltd.
Contract

W. Cannon	Party Chief	Box 1188,	Whitehorse,	Y.T.
V. Lund	Magnetometer Operator	"	"	"
P. Walsh	"	"	"	"
J. Gehring	"	"	"	"
D. Gamble	"	"	"	"

(C) Compilation of Report
R.S. Adamson Exploration Chief 2470, Whitehorse, Y.T.

(D) Supervision
R.S. Adamson Exploration Chief " " "
D. Mayes Geologist " " "

APPENDIX I (111)

A F F I D A V I T

SUPPORTING STATEMENT OF COSTS
Geophysical Report

August 26th to 31st, 1966

I, Robert S. Adamson, Chief of Exploration for ANVIL MINING CORPORATION LIMITED, have compiled the statement of costs as presented in this report "Geophysical Survey of SEA Claim Group", DO MAKE OATH AND SAY AS FOLLOWS:

That to the best of my knowledge and belief, the statement of costs as presented is true and an accurate representation of expenditures to be applied as representative work on the SEA mineral claims.



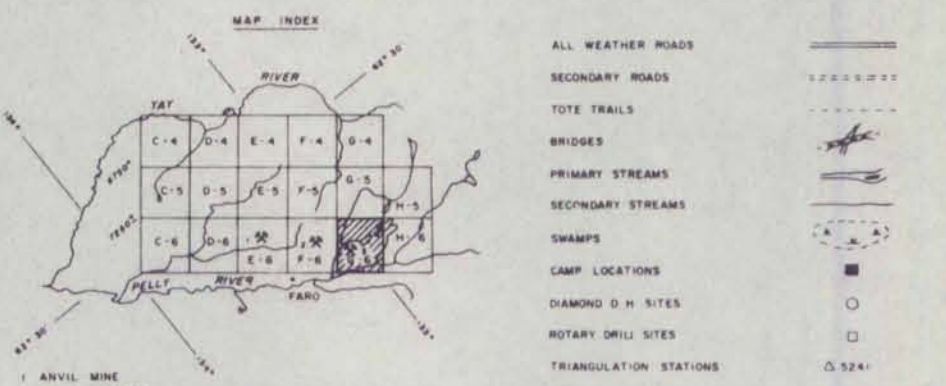
R. S. Adamson
Robert S. Adamson, B.A.Sc., P. Eng
Chief of Exploration for
ANVIL MINING CORP LTD

DATED this.....*7*.....day of.....*November*.....1966,
in the City of Whitehorse in the Yukon Territory.

[Signature]
A Commissioner for taking Affidavits
in and for the Yukon Territory.



CLAIM SURVEY AND LAND MARKS
 (SEE PLAN SHEET)
 PERMANENT CLAIM MARKS AND BOUNDARIES
 (SEE PLAN SHEET)
 INTERSECTION OF CLAIM BOUNDARIES
 (SEE PLAN SHEET)
 CLAIM SURVEY MARKS
 (SEE PLAN SHEET)
 CLAIM SURVEY BOUNDARIES
 (SEE PLAN SHEET)



CYPRUS ANVIL MINING CORPORATION
 CLAIM SURVEYS

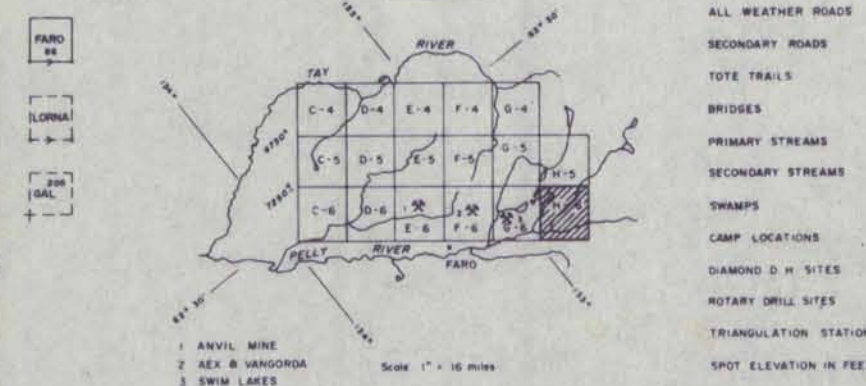
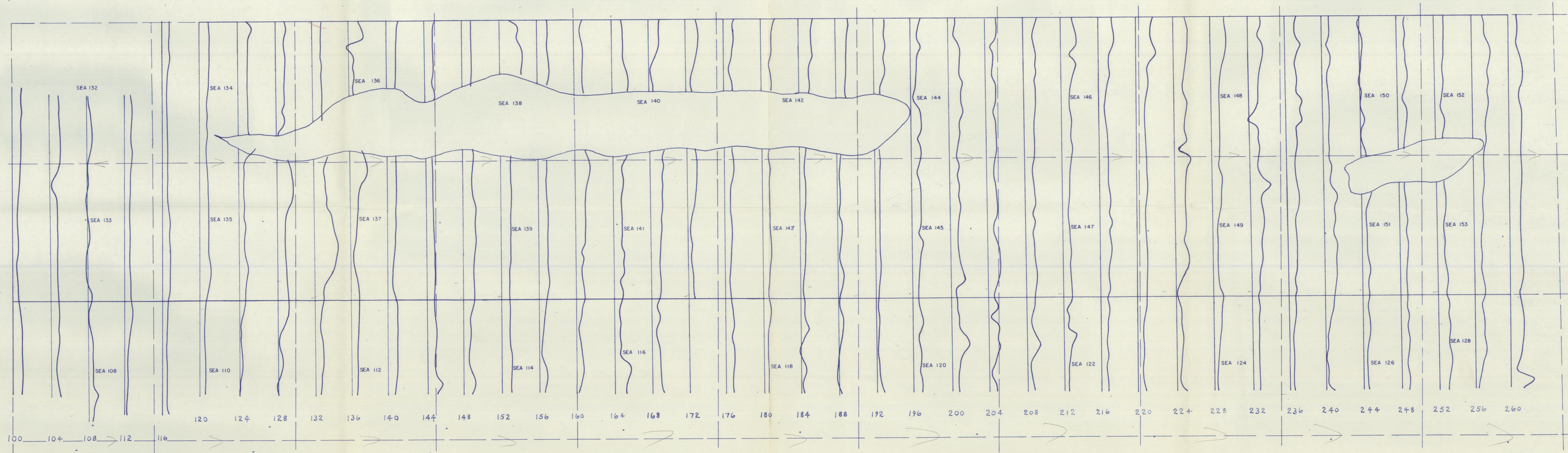


FIGURE 1
 CYPRUS ANVIL MINING CORPORATION
 CLAIM SURVEYS
 SHOWING PROPOSED DDH 1978
 APR. 1978
 SCALE IN FEET



ANVIL MINING CORP. -WHITEHORSE-	
SEA GROUP MAGNETIC SURVEY EXPLORATION BY GEOPHYSICS (YUKON) LTD.	
SURVEY DATE: AUG 26 - AUG 31 1966 OPERATORS: LUND, WALSH, GEHRING, GAMBLE. MAG. DATUM LEVEL: 500 (±) F PROFILE SCALE: 400 F=1" RDG. INTERVAL: 100'	
DATE: SEPT 20 1966	
SCALE: 1"=400'	
DRN: W. CANNON	