

D. I. T. HOLDINGS LTD.

SUITE 102 2222 BELLEVUE AVENUE
WEST VANCOUVER, B.C.

REPORT ON THE

92H/9W, 16W

AMANDA-AMIE and PACO CLAIM GROUPS
SIWASH CREEK AREA
SIMILKAMEEN MINING DIVISION
PRINCETON
BRITISH COLUMBIA

N.L. 49°-46'

W.L. 120°-19'

4969

FOR

92H/9W,
16W

DIANA EXPLORATIONS LTD. (N.P.L.)
551 HOWE STREET
VANCOUVER, BRITISH COLUMBIA

BY

NO	4969	DATE
----	------	------

DONALD W. TULLY, P.ENG.

MARCH 26, 1974

WEST VANCOUVER, B.C.

DONALD W. TULLY, B.Sc., P.ENG.

Consulting Geologist

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REPORT AND TIME - COST DISTRIBUTION by Mr. Uno Leis, Manager,
Strato Geological Ltd., #19 - 448 Seymour Street, Vancouver,
British Columbia, dated 28 March, 1974.

LOCATION MAP

SCALE: 1" = 30 Miles



WILLIAMS LAKE

97

ASHCROFT

REVELSTOKE

1

KAMLOOPS

Highland



Valley

Afton

51

MERRITT

Department of
Mines and Technical Resources

NO. **4969** M.P. **#1**

DIANA
EXPLORATIONS
LTD.

VANCOUVER

1

HOPE

PRINCETON

PENTICTON

3

Donald W. Felly

BRITISH COLUMBIA
WASHINGTON U.S.A.

OSOYOOS

3

DONALD W. TULLY, B.Sc., P.ENG.

Consulting Geologist

INTRODUCTION

This report was prepared at the request of Mr. D. McConnell of Diana Explorations Ltd. (N.P.L.), 551 Howe Street, Vancouver, British Columbia. The purpose was to examine and report on a recent magnetometer survey over the Amanda-Amie and Paco claim groups by Strato Geological Ltd.

Part of the Amanda-Amie claim group was examined by the writer in the field on November 19, 1970, in company with Pat Connell and Ken Gibson at which time snow conditions prevailed.

The field work which forms the basis of this report was done on October 23, 24 and 25, 1970 by Messrs. A.L. Edgeworth, P. Connell and T. Wile under the writer's supervision. Strato Geological Ltd. did a geochemical survey in August, 1970 over the claim groups.

SUMMARY AND CONCLUSIONS

This is a zinc-lead-silver prospect located about 25 miles northeast of Princeton, British Columbia.

Anomalous zinc, lead and silver results were found to occur in the soil cover on the Amanda claims in intrusive host rocks of acid to intermediate composition.

A reconnaissance magnetometer survey over most of the claims failed to show any magnetic anomalies of significance in the area of the indicated geochemical anomalous conditions.

In the writer's opinion the results do not warrant further work on this property until such time as greater economic



Tee
La

SCALE 2" = 1 MILE (..PROX)

Dorfield W. July
26 March 1974

NO 4969 #2

AME C R.

5493 TEX 12
164
1689 TEX 12
1670
15541 15543
BREN 17
BREN 17
MET 770 MET 770

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certainty shall prevail for mining exploration in British Columbia.

PROPERTY - LOCATION, ACCESS, TOPOGRAPHY

The Amanda-Amie claim group is located just south and east of Galena Creek at its junction with Siwash Creek some 35 miles by road north of Princeton, British Columbia.

The Paco group of claims lies one mile south of the Amanda-Amie group.

The property is readily accessible by 4-wheel drive vehicle on gravel road that extends north from Bankier on the Kettle Valley railroad to the property.

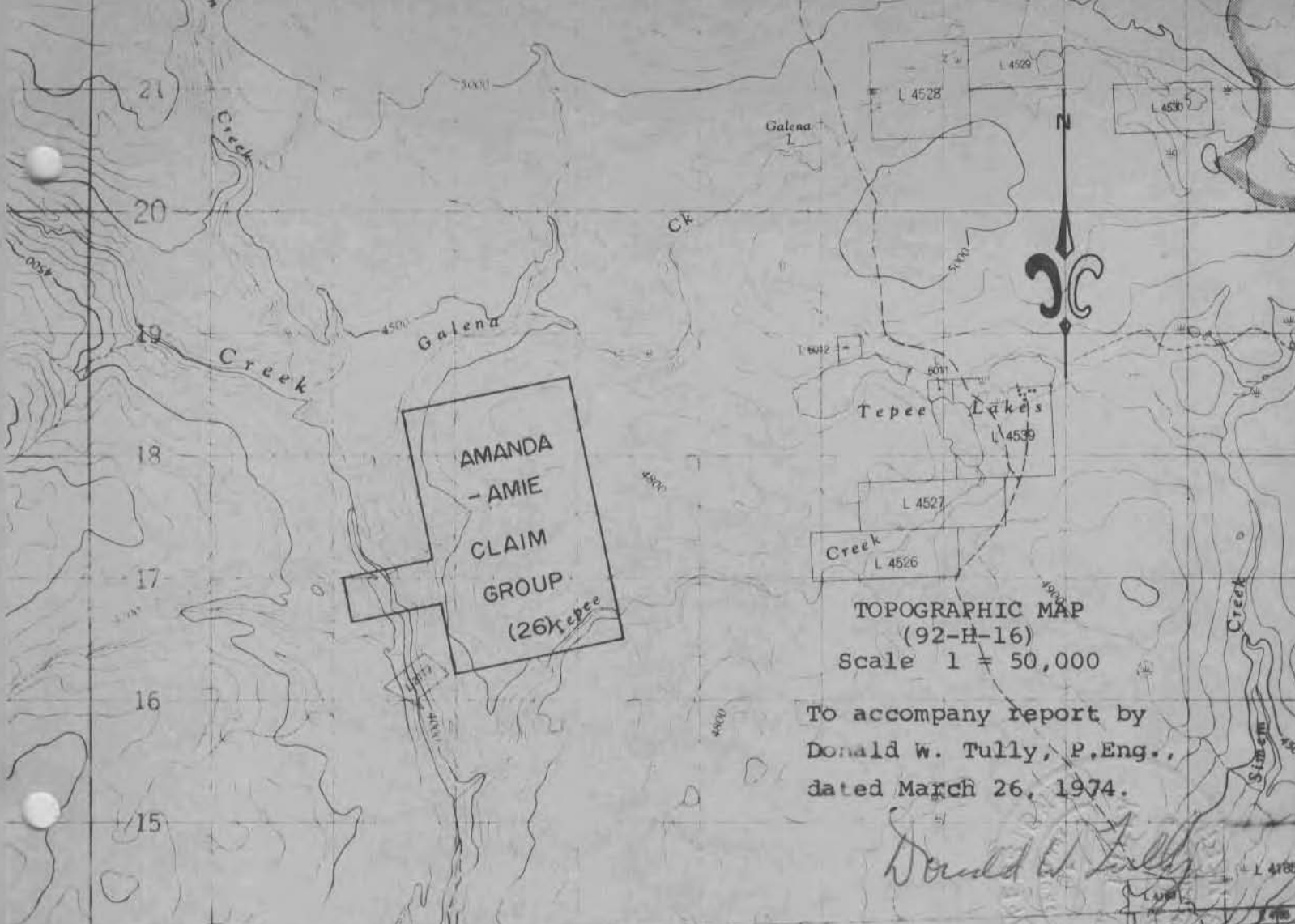
Local topographic relief varies between 3,500 and 4,500 feet above sea-level. Sand and gravel glaciofluvatile soil cover is dominant. Jackpine and spruce are typical forest growth.

There is bush cabin accommodation on the property.

CLAIMS

Two groups of claims, the Amanda 1-24, Amie 1-2 and the Paco 1-20, are located in the Siwash Creek area.

Information from the Mining Recorder, Princeton, British Columbia, on March 25, 1974 is as follows:

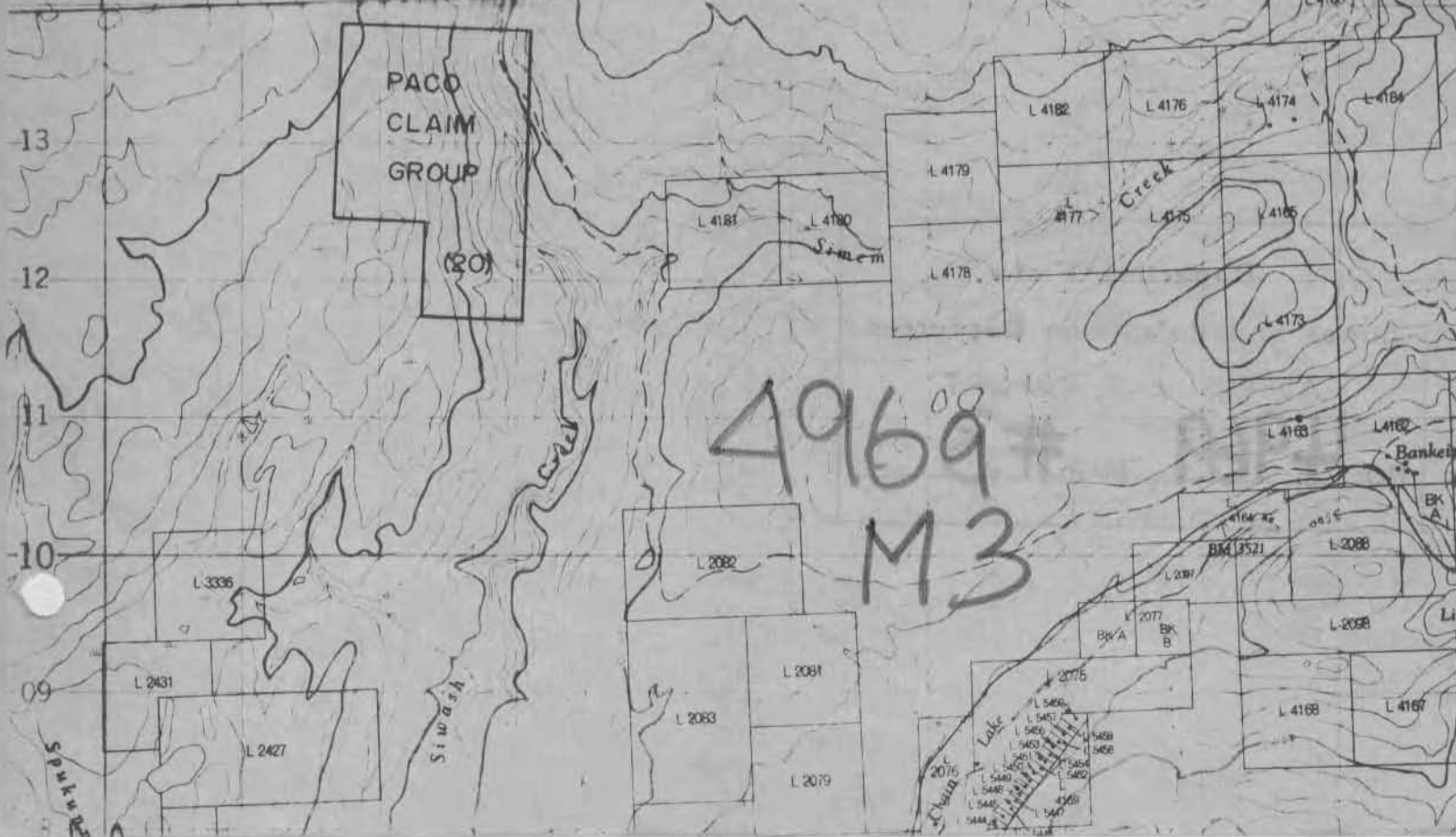


AMANDA
- AMIE
CLAIM
GROUP
(26) Tepee

TOPOGRAPHIC MAP
(92-H-16)
Scale 1 = 50,000

To accompany report by
Donald W. Tully, P. Eng.,
dated March 26, 1974.

Donald W. Tully



PACO
CLAIM
GROUP
(20)

4969
M3

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AMANDA-AMIE GROUP

<u>Claim Name</u>	<u>Record No.</u>	<u>Recorded Holder</u>	<u>Expiry Date</u>
Amanda #1-20	9458A-9477A	Diana Explorations Ltd. (N.P.L.)	Jan. 23/1975
Amanda #21-22	12414-12415	"	May 31/1974
Amanda #23-24	12435-12436	"	June 18/1974
Amie #1-2	28202-28203	"	Aug. 27/1974

PACO GROUP

<u>Claim Name</u>	<u>Record No.</u>	<u>Recorded Holder</u>	<u>Expiry Date</u>
Paco #1-20	28182K-28201K	Diana Explorations Ltd. (N.P.L.)	Aug. 27/1974

HISTORY - PREVIOUS DEVELOPMENT - REFERENCES

Canadian Pacific Railway geologists and engineers are reported to have been active in this area circa 1909.

Shallow tractor trenching, stripping and road access is in evidence on Amanda claims #1,2,3,5,6,7,18,21,22,23 and 24.

Numerous tree blazes and evidence of picket-lines can be seen. A search of the assessment work records at the Department of Mines offices in Princeton shows only bulldozer trenching has been recorded.

Adits have been driven on both sides of Siwash Creek on claims Amie #1 and #2 on silver-lead vein structures and are reported in G.S.C. Memoir 243 as the Renfrew workings.

DONALD W. TULLY, B.Sc., P.ENG.

Consulting Geologist

Geochemical soil sampling was done in 1970 over both claim groups.

Relevant information is available in an unpublished report dated November 9, 1966, by Boris A. Nekrasov, Consulting Geologist, entitled "Preliminary Geological Report on the Agie Group of Mineral Claims, Siwash Creek", on file with Diana Explorations Ltd. Additional data is available from:

1. Geological Survey of Canada Map 888A;
2. Geological Survey of Canada Memoir 243;
3. B.C. Department of Mines - Reports of the Minister for the years 1926, 1927 and 1930;
4. Geological Survey of Canada Aeromagnetic Map #8527g, 8528g;
5. A report on a reconnaissance geology, magnetometer and geochemical survey on the Amanda claims by Allan L. Edgeworth, a geology student at the University of British Columbia, dated October, 1970, is included at the end of this report;
6. B.C. Department of Mines Claim Maps 92-H/9W and 92-H/16W;
7. Report on the Amanda-Amie and Paco Claim Groups by Donald W. Tully, P.Eng., dated January 26, 1971.

GEOLOGY - MINERALIZATION - ASSAYS

Geological observations are restricted to personal examination on the Amanda-Amie claims.

Two lithological rock units are recognized in the immediate area of the property.

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Consulting Geologist

The older Coast intrusives, probably late Jurassic in age, are largely granodiorite and quartz diorite in composition. Later dikes and masses of feldspar porphyry are in evidence, probably related to the Otter intrusions of late Cretaceous or early Tertiary age.

Tectonically there is evidence of a regional through-going structure from the widespread fracturing of all rock types in the Amanda-Amie claim group area. The writer believes a strong fracture system trends southeasterly in the claim group from the headwaters area of Siwash Creek and probably controls the emplacement of the Otter intrusives locally. The Otter Lake acidic intrusives appear to follow along a pre-existing pattern of structural deformity.

The older rocks are diorite with a coarse-grained porphyritic variety in evidence in the granite-granodiorite contact area near the common boundary of Amanda claims 1 and 21 where disseminated galena, sphalerite and pyrite mineralization is visible along fine fractures in the area of an indicated zinc anomaly. Grab samples 1-4 were taken in this general area. The results were: (Crest Certificate - Lab No. 2076)

Sample No. 1	0.3 ozs silver	0.01% lead	0.05% zinc
" No. 2	Trace "	0.01% "	0.02% "
" No. 3	0.2 ozs "	0.25% "	4.15% "
" No. 4	Trace "	0.01% "	0.04% "

A coarse grained feldspar porphyry occurs on Amanda claims 5, 6 and 7. This rock underlies a geochemical zinc anomaly on Amanda claims 5 and 6. No mineralization was observed in this vicinity and the soil may have been transported from elsewhere on the watershed of Siwash Creek.

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Consulting Geologist

Assay results of rock grab samples numbered a, b and c on Paco claims 3 and 4 suggest the presence of gold-silver-lead-zinc-copper mineralization. (Crest Certificate - Lab No. 1547)

MAGNETOMETER WORK

The period of the field survey work was March 15th through March 20th inclusive, 1974.

AMANDA-AMIE CLAIMS

The results are shown on the accompanying plan of magnetometer readings and isomagnetic contours. Total local magnetic relief on the Amanda-Amie group varies between 20025 and 21610 gammas. A magnetic high is indicated on the boundary of Amanda claims 20 and 22. A series of small magnetically low areas occur in a suggested west-southwest trending pattern across Amanda claims 5 and 15.

The magnetometer survey used existing flagged control lines. Readings were taken with a Coni-Mag instrument No. 00131. Values recorded are considered to be total intensity results. Readings were taken at 100-foot intervals along lines generally 800 feet apart.

The results of this preliminary magnetometer survey must be considered inconclusive as the isomagnetic contours (200 gamma interval used) suggest both a north-south and west-southwest trend of the underlying rocks.

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Consulting Geologist

Geochemical anomalies recorded previously on Amanda claims 1, 3 and 5 do not appear at first sight to correlate with the magnetic results.

PACO CLAIMS

Coni-Mag Instrument #00134 was used. Total magnetic relief is 1469 gammas. It varies between 17514 and 16045 gammas.

Isomagnetic contours at 200 gamma intervals suggest weak magnetic highs on Paco claims 1, 7, 8, 14, 19 and 20 with weak magnetic lows on Paco claims 11, 12 and 13.

There is a suggestion that a magnetic low area over Paco claims 13-16 may correlate with a west trending zone of geochemical anomalous results in zinc.

RECOMMENDATIONS

The magnetometer results are generally flat and must be considered inconclusive in respect to mineral potential on the Amanda-Amie and Paco claim groups.

Correlation between the magnetic results and geochemical anomaly indications on Paco claims 2, 4, 5, 7, 8, 15-18 could be apparent only as the underlying soil may be transported.

No further work is recommended at the present time on both the Amanda-Amie and Paco claim groups.

Respectfully submitted,



Donald W. Tully, P.Eng.

CREST LABORATORIES (B.C.) LTD.

1068 HOMER STREET
VANCOUVER 3, B.C.
PHONE 688-8586

CREST LABORATORIES LTD.
700 ARGYLL ROAD
EDMONTON 82, ALBERTA
PHONE 469-2391

CERTIFICATE OF ASSAY

TO **Miner Exploration Ltd.**
5177 Buchanan Street
Burnaby 2, B.C.

Received of **Miner Exploration Ltd.**
Lab. No. **2076**

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	COPPER	LEAD	ZINC	IRON	SULPHUR	PHOSPHORUS	TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	
1			.2	0.01	0.5					
2			Trace	0.01	0.2					
3			.2	0.01	4.1					
4			Trace	0.01	0.2					

NOTE:

Rejects Retained One Month
Pulps Retained Three Months
Unless Otherwise Arranged.

Gold calculated at \$ _____ per ounce

C. F. Burgess

Registered Assayer, Province of British Columbia

CREST LABORATORIES (B.C.) LTD.

1068 HOME STREET
VANCOUVER 3, B.C.
PHONE 688-8586

LABORATORIES LTD.
11 ARGYLL ROAD
EDMONTON 82, ALBERTA
PHONE 469-2391

PACO CLAIMS

CERTIFICATE OF ASSAY

TO Kelso Explorations Ltd.
411 - 470 Granville Street
Vancouver 1, B.C.

Sept. 14, 1970.
Lab. No. 1547.

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	COPPER	LEAD	ZINC					TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent		
A Sphalerite	trace	---	0.1	0.01	0.05	0.05					
B Pyrite	0.06	\$2.10	11.6	0.74	1.36	1.32					
C Banded	trace	---	3.9	0.87	0.32	16.09					
D No Mark	0.01	0.35	8.0	0.04	1.84	0.37					

NOTE:

Rejects retained one month.
Pulps retained three months
unless otherwise arranged.

Gold calculated at \$ 35.00 per ounce

C. F. Bussess
Registered Assayer, Province of British Columbia

DONALD W. TULLY, B.Sc., P.ENG.

Consulting Geologist

CERTIFICATE

I, DONALD WILLIAM TULLY, of the Municipality of West Vancouver, Province of British Columbia, do hereby certify as follows:

1. I am a Consulting Geologist with an office at Suite 102, 2222 Bellevue Avenue, West Vancouver, British Columbia.
2. I am a registered Professional Engineer in the Provinces of British Columbia and Ontario.
3. I am a graduate of McGill University, 1943, with the degree of Bachelor of Science, Honours Geology.
4. I have practiced my profession for twenty-eight years.
5. I have no direct, indirect or contingent interest in the shares of DIANA EXPLORATIONS LTD. (N.P.L.) or the claims of DIANA EXPLORATIONS LTD. (N.P.L.) nor do I intend to receive any interest.
6. This report dated March 26, 1974, is based on a personal examination in the field on November 19, 1970, and a study of the work performed on the property.

DATED at West Vancouver, British Columbia, this 26th day of March, 1974.

Donald W. Tully

Donald W. Tully, P.Eng.
Consulting Geologist

A P P E N D I X

MINERAL EXPLORERS



REPORT ON
MAGNETOMETER SURVEY
ON THE
AMANDA-AMIE AND PACO
MINERAL CLAIM GROUPS
SIWASH CREEK AREA
SIMILKAMEEN MINING DIVISION
PRINCETON
BRITISH COLUMBIA

For
DIANA EXPLORATION LTD. [NPL]

By
STRATO GEOLOGICAL LTD.
19-448 Seymour Street
Vancouver, B. C.

March 28, 1974

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MAGNETOMETER INSTRUCTION MANUAL	

* * *

SUMMARY & CONCLUSIONS

A magnetometer survey was carried out by Strato Geological Ltd. over the Amanda and Paco Claim Groups. A soil sampled grid established in 1971 by Strato was found to be generally intact and was used for the magnetometer survey.

The magnetic trends which were established are generally moderate and do not appear to closely correlate with known mineralization on the property. The magnetic trends are possibly a reflection of the underlying geological trends.

INTRODUCTION

At the request of Diana Explorations Ltd. [NPL], Strato Geological Ltd. conducted a magnetometer survey over the Amanda and Paco Claim groups registered in the name of the company, in the Similkameen Mining Division. The object of this survey was to correlate geochemical anomalies from a survey conducted in 1971, with possible magnetic zones. This property is a lead-zinc-copper-silver prospect.

PROPERTY

The Amanda and Paco claim groups are located approximately 25 miles north of Princeton, on Siwash Creek. Access from Princeton is along the Princeton-Summerland road to Osprey Lake, from which point a logging road follows Siwash Creek to both properties. The logging road was accessible by snowmobile at the time of the survey.

The Amanda-Amie Group consists of the following mineral claims:

Amanda	1 - 20	9458A - 9177A
	21 - 22	12414G - 12415G
	23 - 24	12434G - 12435G
Amie	1 - 2	28202K - 28203K

The Paco Group is comprised of the following claims:

Paco	1 - 20	28182K - 28201K
------	--------	-----------------

The topographical relief of the property is not very great. However the Siwash Creek Valley, which encompasses a portion of the claim groups, forms steep contours on either side.

WORK PROGRAM

The duration of the magnetometer survey was from March 13 to March 20, 1974 including mobilization. Personnel on the program included Uno Lois [B.Sc.], Manager of Strato Geological Ltd.; Donald Tully, Geologist, Professional Engineer; Philip Zinchuk, Technician; Gordon Edzerza [Geological Assistant].

The work consisted of conducting a magnetometer survey over previously established grids on the Paco and Amanda-Amie claim groups. Two instruments were used for this survey, both Coni-Mags. Instrument #0131 was used on the Amanda-Amie Group and #0134 on the Paco Group. The Coni-Mag measures the vertical component of the earth's magnetic field to an accuracy of ± 15 gammas.

An instruction sheet is appended to this report.

Readings were obtained from conversion of digital readout according to the factors as shown per attached schedules.

These results were corrected for diurnal variation such that the plotted readings represent corrected values.

COST BREAKDOWN

The following expenditures were incurred in the process of carrying out the survey:

Labour	\$1,580.00
Room and Board	203.55
Field Supplies	105.17
Transportation	280.75
Mobilization	327.56
Instrument	150.00
Miscellaneous	166.00
	<u>\$2,813.03</u>

SIGNED:

U. Leis
 Uno Leis, Manager

CERTIFICATE

I, Uno Leis, DO HEREBY CERTIFY THAT:

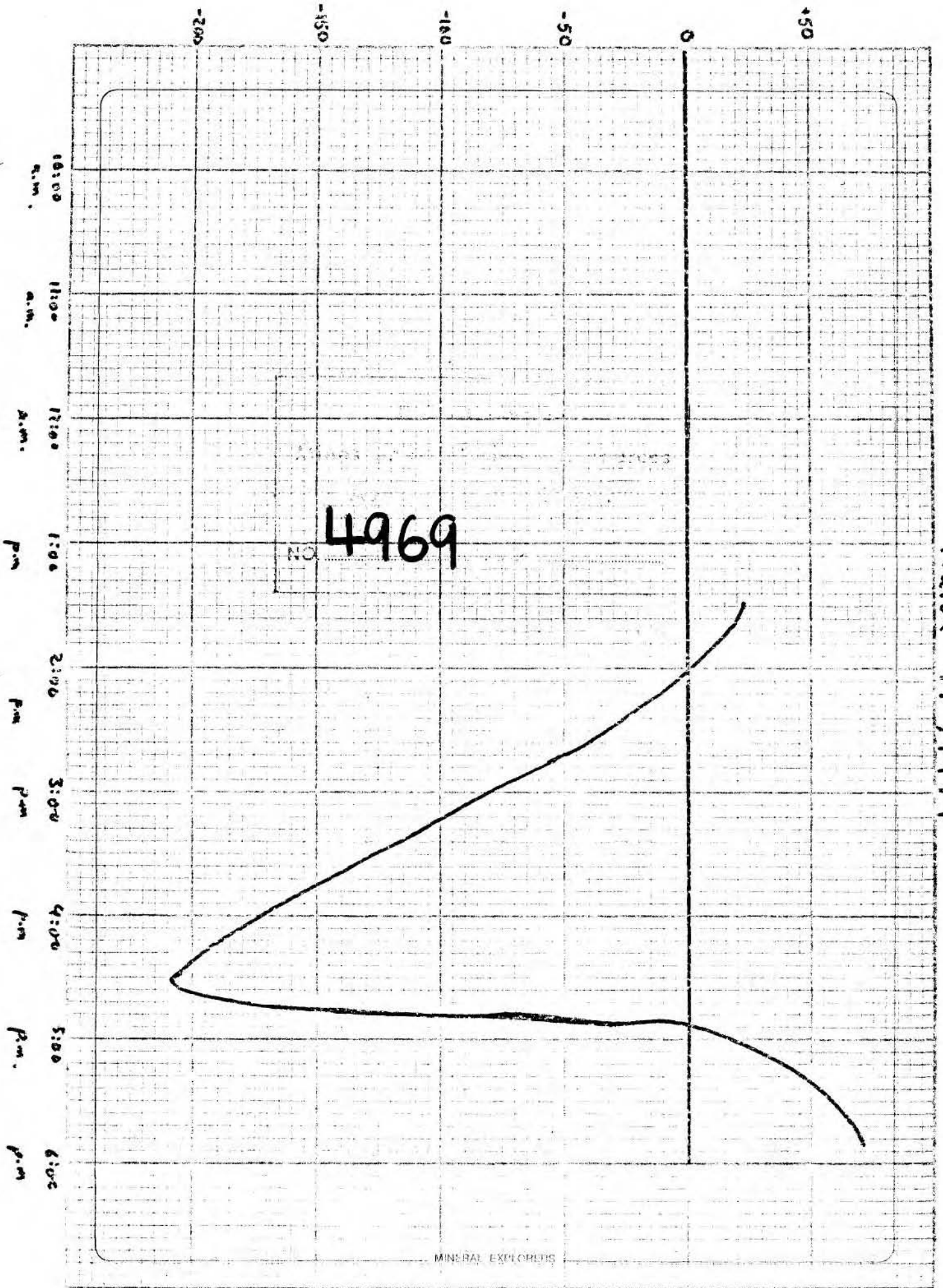
- [1] I am Manager of Strato Geological Ltd., with offices at #19-448 Seymour Street, Vancouver 2, B. C.
- [2] I am a graduate of Carleton University, 1969, with the Degree of Bachelor of Science.
- [3] I am not a registered engineer in the Province of British Columbia or of any province.
- [4] I have been engaged in geological exploration for five years throughout British Columbia, parts of Yukon Territory, parts of Saskatchewan, and parts of the U.S.A.
- [5] I have no direct, indirect or contingent interest in the properties covered in this report, nor do I intend to receive any interest.
- [6] This report is based on examination of the data obtained as a result of this survey and personal field observations.

DATED at Vancouver, British Columbia, this 28th day of March, 1974.

SIGNED:

Uno Leis
Uno Leis, B.Sc.

March 17, 1974

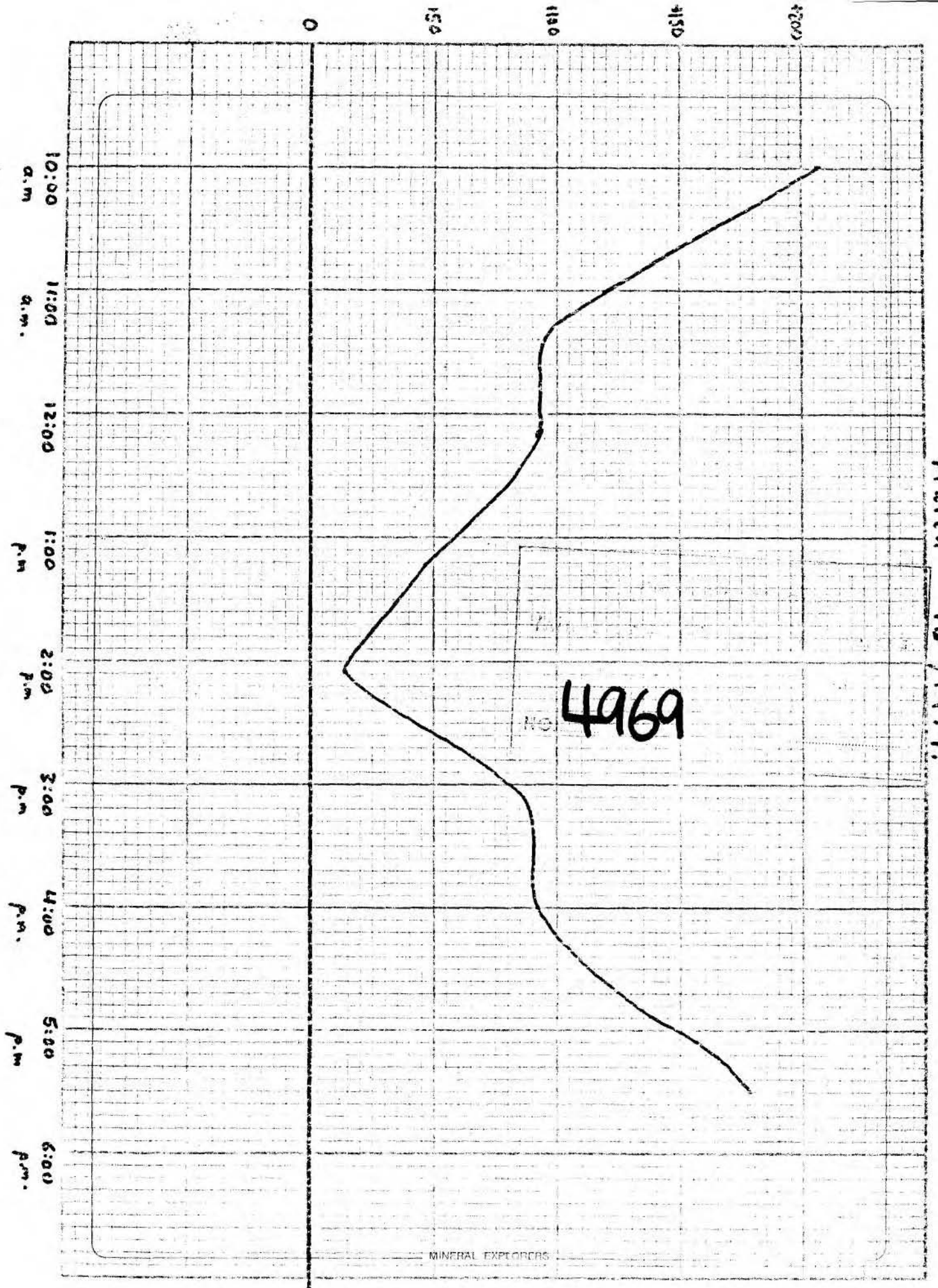


NO. 4969

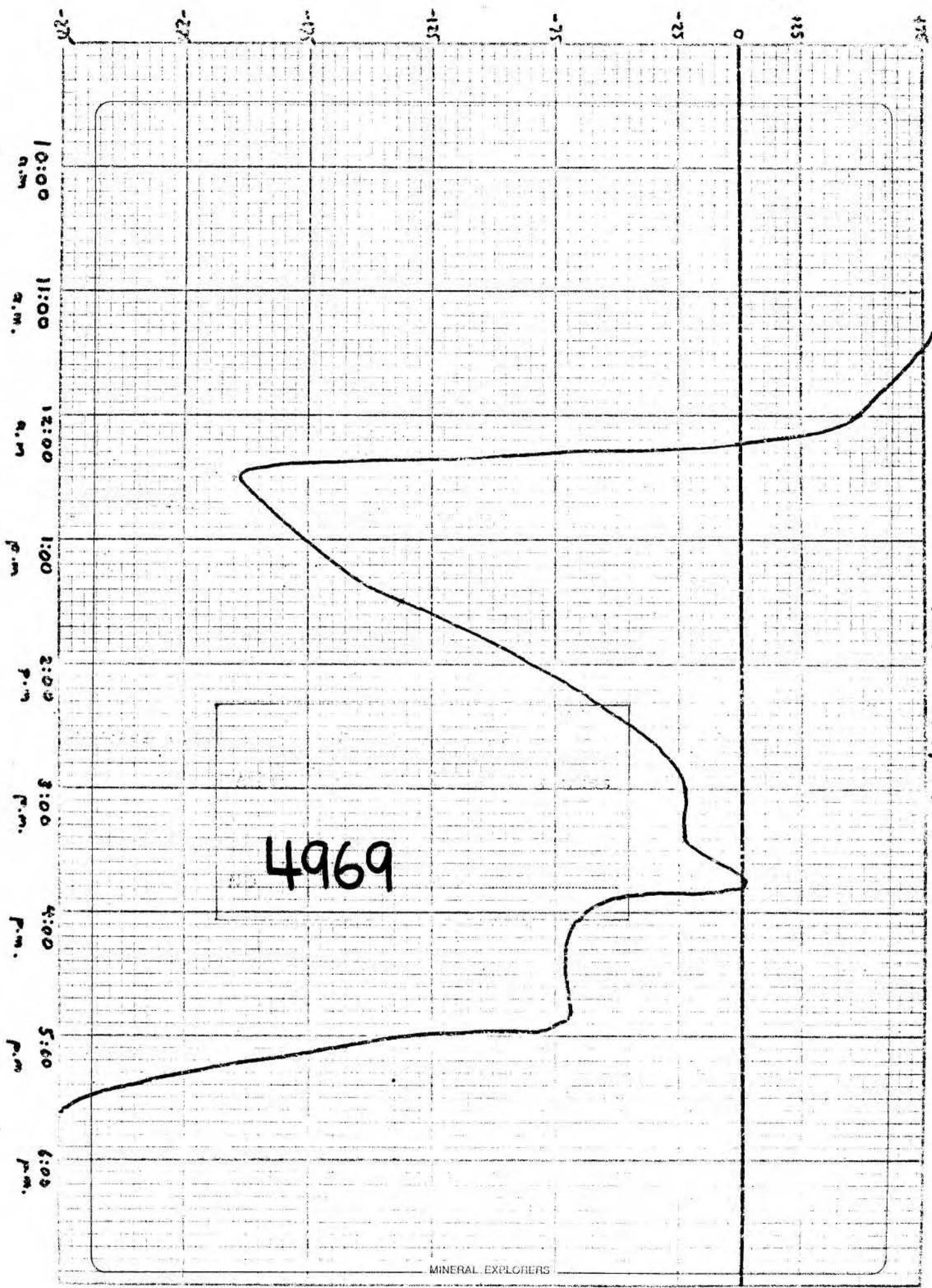
MINERAL EXPLORERS

GAMMA 3

March 18, 1974.



March 19, 1974.



March 20, 1974



NO. 4969

CONIAGAS RESEARCH INC.
CALIBRATION CHART

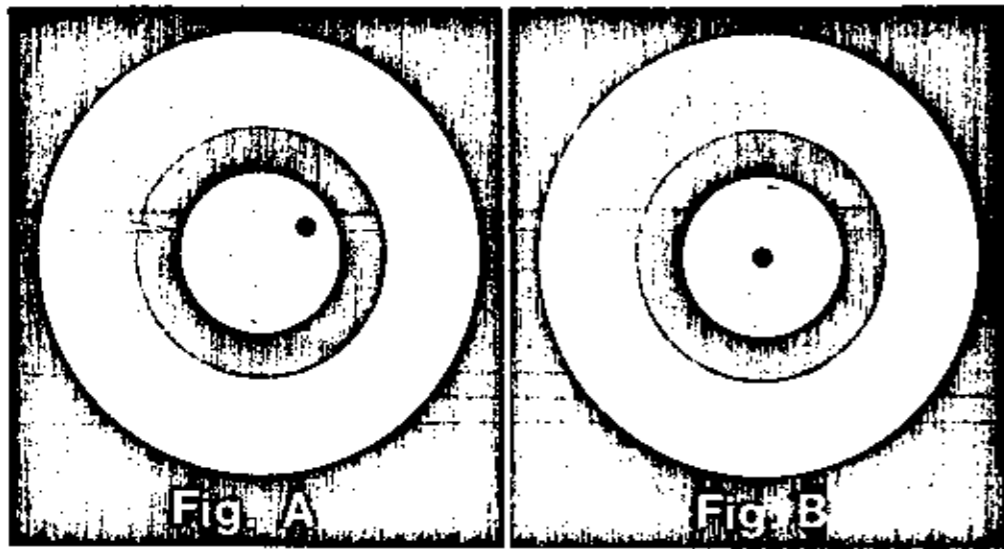
(CONI-MAG # 134)

DIGITAL READOUT	AVERAGE SCALE CONST. PER DIGIT IN GAMMAS	TOTAL GAMMA VALUE
0	-----	
	----- 11	
100	-----	1100
	----- 12	
200	-----	2300
	----- 13	
300	-----	3600
	----- 14	
400	-----	5000
	----- 15	
500	-----	6500
	----- 16.5	
600	-----	8150
	----- 18	
700	-----	9950
	----- 19	
800	-----	11850
	----- 20.5	
900	-----	13900
	----- 22	
1000	-----	16100
	----- 23	
1100	-----	18400
	----- 24	
1200	-----	20800
	----- 25	
1300	-----	23300
	----- 26	
1400	-----	25900
	----- 27	
1500	-----	28600
	----- 28	
1600	-----	31400
	----- 29	
1700	-----	34300
	----- 31	
1800	-----	37400
	----- 32	
1900	-----	40600
	----- 33.5	
2000	-----	43950
	----- 35	
2100	-----	47450
	----- 37	
2200	-----	51150
	----- 39	
2300	-----	55050
	----- 41.5	
2400	-----	59200
	----- 44	
2500	-----	63600
	----- 46.5	
2600	-----	68250
	----- 49	
2700	-----	73150

CONIAGAS RESEARCH INC.
CALIBRATION CHART

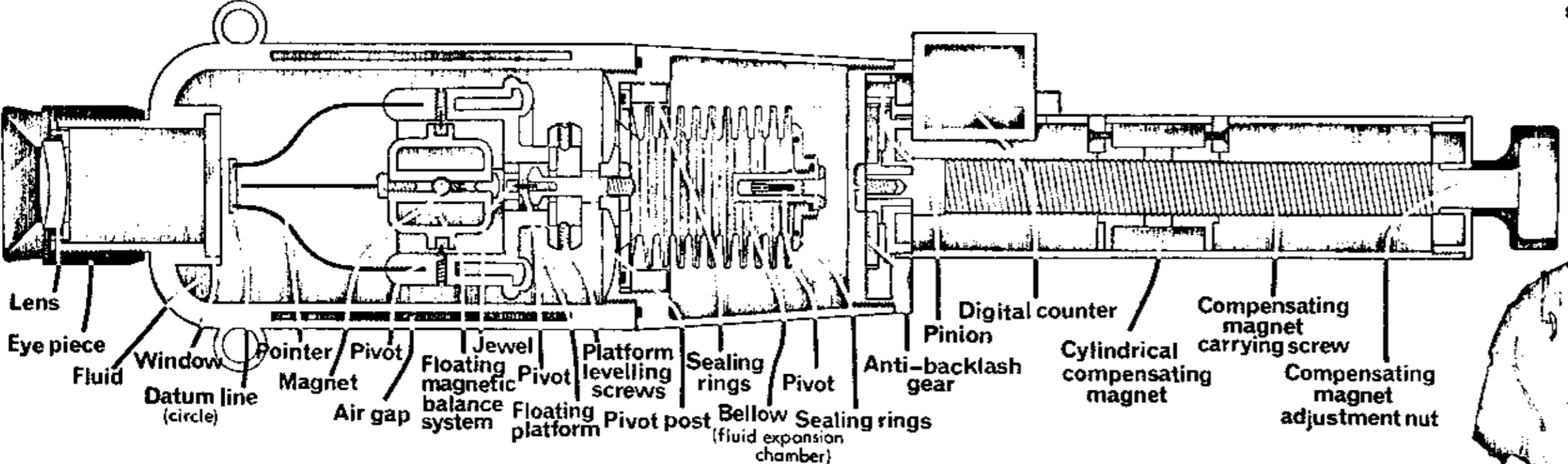
(CONI-MAG # 131)

DIGITAL READOUT	AVERAGE SCALE CONST. PER DIGIT IN GAMMAS	TOTAL GAMMA VALUE
0		
100	19	1900
200	20	3900
300	20	5900
400	20.5	7950
500	20.5	10000
600	21	12100
700	21.5	14250
800	21.5	16400
900	22	18600
1000	22	20800
1100	22.5	23050
1200	23.5	25400
1300	24.5	27850
1400	25.5	29400
1500	26.5	32050
1600	28	34850
1700	30	37850
1800	32	37850
1900	35	41050
2000	38	44550
2100	41	48350
2200	44	52450
2300	46.5	56850
2400	48	61500
2500	50	66300
2600	53	71300
2700	57	76000
		82300



ORIENTATION AND LEVELLING
 Operator positioned approximately facing west, holding the instrument with one hand so that the digital counter is facing east, tips of fingers of the other hand on the adjusting nut. Lower or raise the instrument until the circumference of the floating white circle is encompassed by the outer boundary of the lens of the eyepiece as shown in Figure A. This levels the instrument.

READING THE *CONI-MAG
 Once the instrument is level, rotate the compensating nut until the centre of the black dot moves onto the centre white line as shown in Figure B. Tilt the instrument and read the digital counter. Each *CONI-MAG has its individual calibration chart showing the scale constant and the total gamma value every 100 divisions. See sample calibration chart, upper right hand corner.



The *CONI-MAG is a first order hand-held magnetometer, presenting a unique concept in a precision engineered geological, geophysical and prospecting instrument, combining in its rugged but leatherweight design, accurate and rapid direct digital readings (in scale divisions) over a range to 50,000 gammas, with total reliability and absolute simplicity of operation.

The *CONI-MAG is compact and very low weight — measuring only 12½ inches (33 cm) in length and with a maximum diameter of 2¼ inches (5.7 cm); weight is but 26 ounces (738 grams) and no batteries or tripod required. This instrument was designed specifically for hand-held operation, particularly useful in carrying out quick reconnaissance work as well as detailed surveying.

Its lightweight construction contrasts with its ruggedness, withstanding even extreme shock under field conditions without impairing its reliable function. Because it is completely mechanical, operators require only negligible training to produce consistently accurate readings. The *CONI-MAG measures the vertical component of the earth's magnetic field to an accuracy of ±15 gammas. Reading time is a rapid 20-30 seconds. Operational temperature range is from -40°F to 120°F (-40°C to 49°C) and the instrument is temperature compensated to eliminate drift effects.

*CONI-MAG's unique hydro-float measuring magnet system which is immersed in liquid, makes it self-levelling and self-orientating. The moving mechanism is enclosed in a neutral buoyant chamber to make it essen-

tially weightless. This remarkable engineering design makes the *CONI-MAG extremely shock resistant and eliminated the need for a locking mechanism.

A permanent cylindrical compensating magnet, mounted on a micrometer carrying screw, is used to balance the system in the null position. Readout is digital in scale divisions. Each *CONI-MAG has its individual calibration chart showing the scale constant and total gamma value for every 100 divisions.

The charts alongside show comparative profile tests with the Fluxgate Magnetometer Model MF-1, demonstrating the close coincidence of readings between these two instruments under varying overburden conditions. The *CONI-MAG provides comparable

precise performance, with greater simplicity and speed of operation, light weight and compact size, at approximately half the cost of a fluxgate magnetometer.

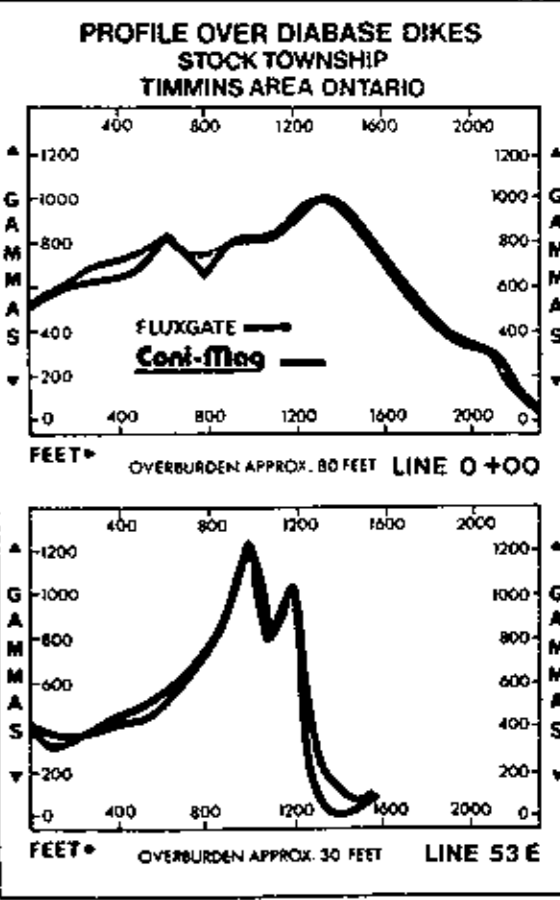
A rental/purchase arrangement is also available at the rate of \$150 per month, applying 25% of the rental charges (to a maximum of \$1,000 in rental charges) against the purchase price.

*CONI-MAG is a registered trade mark. This fine precision instrument is engineered by CONIAGAS RESEARCH INC., a division of The Coniagas Mines, Limited, Toronto, Canada.



CALIBRATION CHART (NORTHERN HEMISPHERE)

DIGITAL READOUT	AVERAGE SCALE CONST. PER DIGIT IN GAMMAS	TOTAL GAMMA VALUE
100	10.5	1050
200	10.5	2100
300	10.5	3150
400	10.5	4200
500	11.0	5500
600	11.5	6900
700	12.0	8400
800	12.5	10000
900	13.0	11700
1000	13.5	13500
1100	14.0	15400
1200	14.5	17400
1300	15.0	19500
1400	15.5	21700
1500	16.0	24000
1600	16.5	26400
1700	17.0	28900
1800	17.5	31500
1900	18.0	34200
2000	18.5	37000
2100	19.0	39900
2200	19.5	42900
2300	20.0	46000
2400	20.5	49200
2500	21.0	52500
2600	21.5	55900
2700	22.0	59400
2800	22.5	63000





NOTE: READINGS TAKEN AT 100-FOOT INTERVALS ALONG CONTROL LINES BUT ONLY EVERY SECOND READING PLOTTED ON GRID 'O'.

- SYMBOLS**
- ROADS & TRAILS
 - TRENCHING
 - GRAB ROCK SAMPLE LOCATION
 - APPROXIMATE CLAIM BOUNDARIES
 - FLAGGED CONTROL LINE AND LOCATION OF MAGNETOMETER READINGS (Gauss)
 - CENTRE OF AIRPHOTO USE AIRPHOTOS BC 5207 - 141 to 144.
 - ISOMAGNETIC DEPRESSION CONTOUR (CONTOUR INTERVAL 200 Gauss)

4969
M7

Minot and ...
NO 4969 #4
Donald W. Lilly

DIANA EXPLORATION LTD

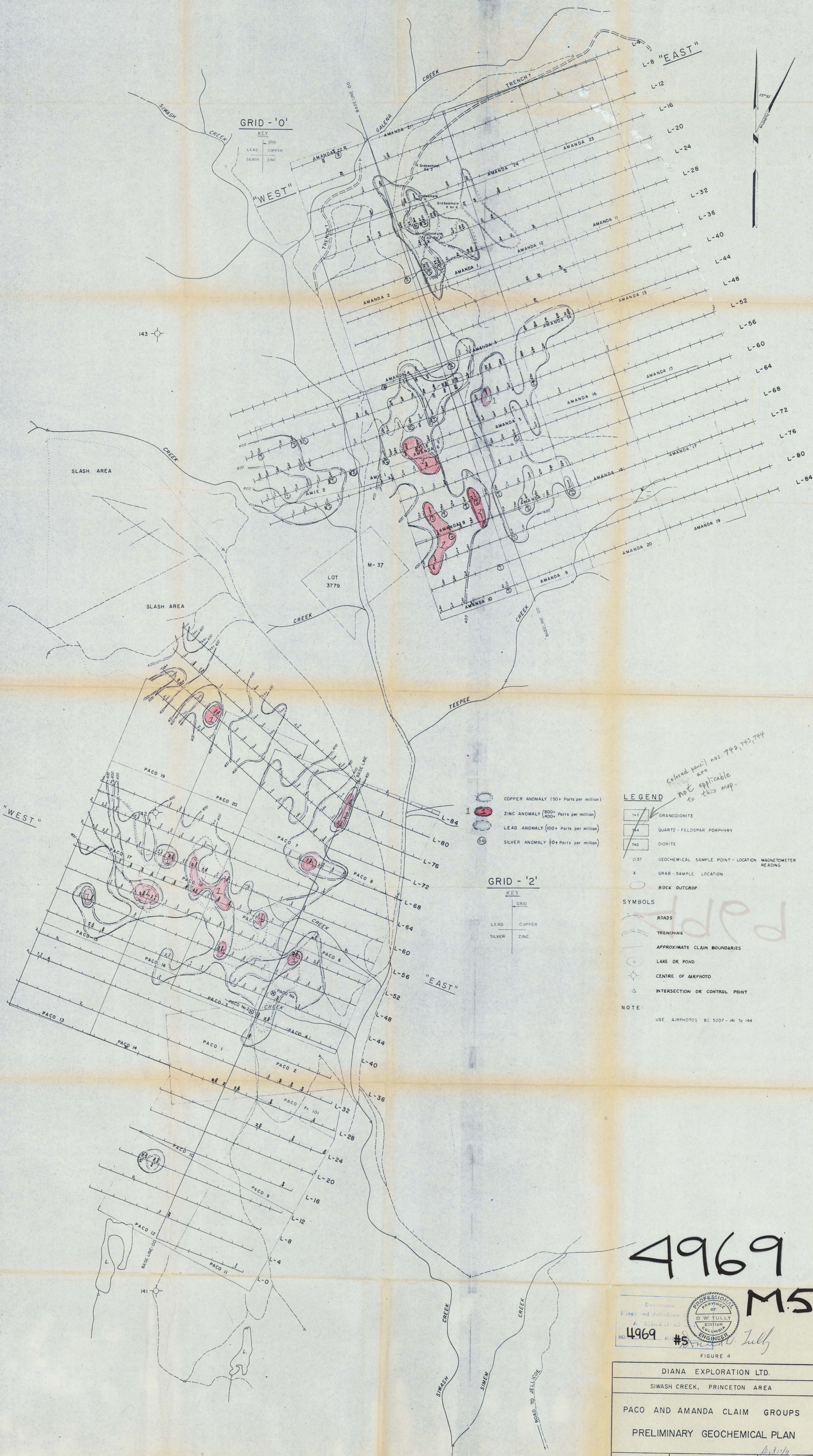
PRELIMINARY MAGNETOMETER PLAN
OF READINGS AND ISOMAGNETIC CONTOURS

INSTRUMENTS USED: COM-MAG NO 0018 AND 0014

PACO AND AMANDA CLAIM GROUPS
SWASH CREEK PRINCETON AREA
To accompany Report dated March 26, 1974.

Scale in feet: 0 500 1000 1500
MARCH 26, 1974

STRATO GEOLOGICAL LTD
19-448 SEYMOUR STREET
VANCOUVER, B.C.



GRID - '0'

KEY

LEAD COPPER
SILVER ZINC

1

COPPER ANOMALY (50+ Parts per million)
ZINC ANOMALY (800+ Parts per million)
LEAD ANOMALY (100+ Parts per million)
SILVER ANOMALY (10+ Parts per million)

GRID - '2'

KEY

LEAD COPPER
SILVER ZINC

colored parcel nos 742, 743, 744 are not applicable to this map.

LEGEND

743 GRANDIORITE
744 QUARTZ - FELDSPAR PORPHYRY
742 DIORITE

○37 GEOCHEMICAL SAMPLE POINT - LOCATION MAGNETOMETER READING
X GRAB - SAMPLE LOCATION
○ ROCK OUTCROP

SYMBOLS

ROADS
TRENCHING
APPROXIMATE CLAIM BOUNDARIES
LAKE OR POND
CENTRE OF AIRPHOTO
INTERSECTION OR CONTROL POINT

NOTE

USE AIRPHOTOS BC 5207 - 141 TO 144

4969 M5

Division of Mines and Petroleum
A. S. GIBSON
No. 4969 M #5

PROFESSIONAL ENGINEER
D. W. TULLY
COLUMBIA

July

FIGURE 4

DIANA EXPLORATION LTD.
SIWASH CREEK, PRINCETON AREA

PACO AND AMANDA CLAIM GROUPS
PRELIMINARY GEOCHEMICAL PLAN

SCALE: 1" = 500' (Approx) DONALD W. TULLY, P. Eng. DECEMBER, 1970