

4808

4808

REPORT ON

93L/11E

EXPLORATION PROGRAM

ON THE

HUBERT CLAIM GROUP

OMINECA MINING DIVISION
SMITHERS, BRITISH COLUMBIA

FOR

MAHARAJA MINERALS LTD. (NPL)

BY

STRATO

GEOLOGICAL

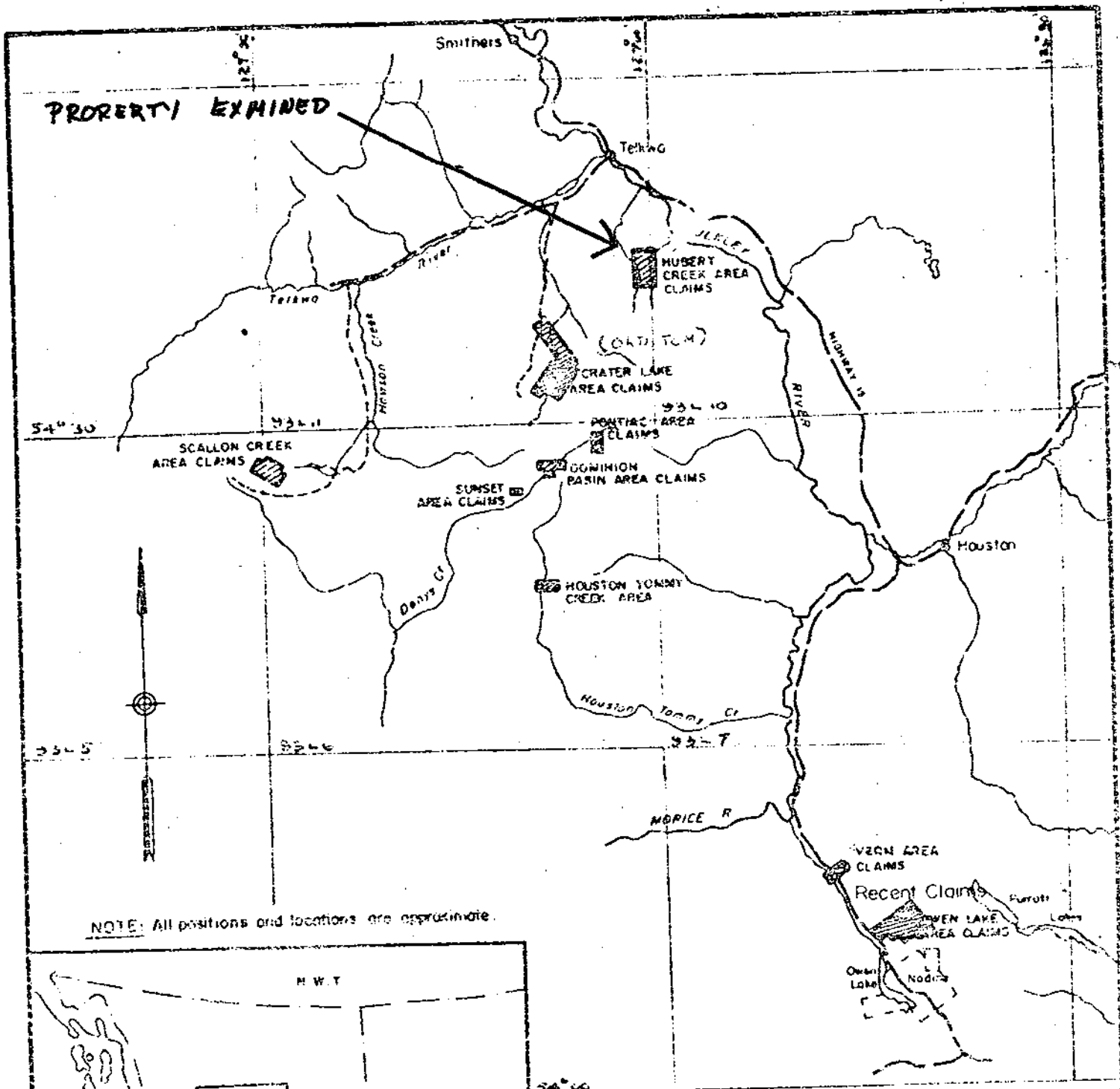
LTD.

Department of
Mines and Petroleum Resources

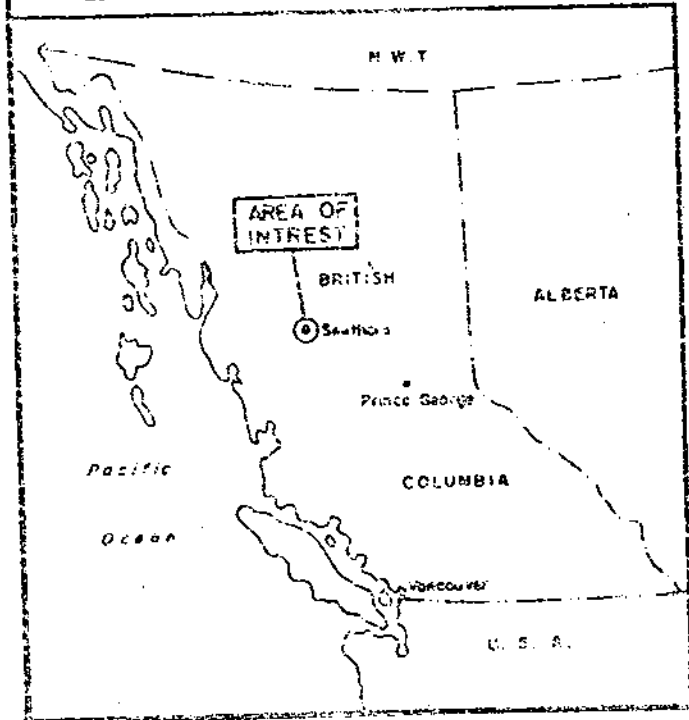
ASSESSMENT REPORT

NO. 4808 MAP _____

MINERAL EXPLORERS



NOTE: All positions and locations are approximate.



MAHARAJA MINERALS LTD. N.F.L.
 OMINECA MINING DIVISION
MINERAL CLAIM LOCATION MAP

0 1 2 3 4 5 6 7 8 9 10
 SCALE IN MILES

Mines and Geological Resources
 ASSESSMENT REPORT
4808 #5
 NO. MAP

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MAPS

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SUMMARY AND CONCLUSIONS

The Hubert Claim Group is located approximately sixteen miles southeast of Smithers, British Columbia. The claims are registered in the name of Maharaja Minerals Ltd. [NPL] and consist of Hubert 1 - 4 [87783 - 87786], Jim 1 - 8 [106163 - 70], Tex 1 - 10 [106171 - 106180] and Bev 1 - 10 [106181 - 190].

Strato Geological Ltd. carried out a preliminary magnetometer survey, soil sampling survey, and stream sediment survey over a portion of this claim group, with concentration on the Hubert 1 - 4 claims.

The magnetometric survey delineated various areas which would require further work to gain information as to extent and trends of anomalies. The southwestern portion of the grid revealed a prime target for follow-up work. Mineralized outcrop was sampled by Mr. Rudy Biss, Geologist for Maharaja Minerals Ltd. [NPL], close to an area reflecting anomalous low magnetics, during the course of this survey, with a composite assay of .714 Cu and 1 oz Ag.

The geochemistry reveals various patterns which may be significant in the interpretation of mineralization on the property. Two significant areas of copper highs are almost coincident with magnetic lows. Isolated copper anomalies on the southern portion of the grid may be a reflection of mineralization in geological structures outlined by the magnetometer survey.

Results of sampling of mineralized outcrop of the Hubert Group indicate assays of copper ranging from .105%

to 1.785% Copper, 0.07 oz to 2.50 oz Silver. The sampling was carried out by Mr. John McAndrew and Mr. Allen Rutherford during the 1973 exploration season. Assay sheets are appended.

INTRODUCTION

At the request of Mr. James Rutherford, President of Maharaja Minerals Ltd. [NPL], with offices at 1102-207 West Hastings Street, Vancouver, B.C., Strato Geological Ltd. carried out a survey consisting of soil sampling, silt sampling, and magnetometric examination of the Hubert Claim Group, located southeast of Smithers, British Columbia, in the Omineca M.D.

This property is a copper-silver prospect.

PROPERTY

The Hubert Claim group consists of 32 contiguous claims as listed below:

Hubert 1 - 4	87783 - 86
Jim 1 - 8	106163 - 70
Tex 1 - 10	106171 - 80
Bev 1 - 10	106181 - 90

The property is situated approximately sixteen miles southeast of Smithers, British Columbia, in the Omineca Mining Division. Access is along a back road from Telkwa which is presently quite difficult to negotiate in places. More extensive exploration on this property would

make feasible the improvement of some of these rough sections of road.

This route enters the bounds of the Hubert claim group.

WORK PROGRAM

The personnel employed by Strato Geological Ltd. on this program consisted of Mr. H. Leis [supervisor and technician], Mr. Charles Small [linecutter and sampler] and Mr. Kent McCormick [linecutter and sampler]. The duration of the field program was from October 9, 1973 to October 16, 1973.

Three main lines were established roughly parallel to Hubert Creek. These lines were blazed and ribboned with stations at 100 foot intervals.

Soil samples were taken from each station at 100 foot intervals from the "B" horizon. These samples were placed into Kraft paper bags which were identified with the proper location along the lines, and shipped to Min-En Laboratories in North Vancouver, where they were analyzed for copper and silver.

The procedure for the analysis is as follows:

- [1] Dried and sieved to -80 mesh
- [2] 1 gram sample weighed out
- [3] Add 2 ml. concentrated HNO_3
- [4] Allow to stand $\frac{1}{2}$ hour

- [5] Add 5 ml. HClO_4
- [6] Digest 4 - 5 hours or until completion
- [7] Cool and bring volume up to 25 ml.
- [8] Direct readout from Atomic Absorption

The magnetometer survey was conducted with a Geonics G-110 portable instrument. This instrument is self levelling with a readability of 10 gammas, and a total range of 100,000 gammas. Readings were corrected for diurnal fluctuation, and a base value of 55,000 gammas was subtracted from all readings.

Readings were taken along the grid stations at 100 foot intervals with a north orientation of the instrument. The readings are directly in gammas.

RESULTS

The results of the work program are encouraging and indicate that further work is certainly warranted to ascertain the full potential of this group.

The geochemical survey indicated a strong silver anomaly at HL-37 of 7.4 ppm against a background of approximately 1.5 ppm. Two anomalous regions were established for copper, in the vicinity of HL-37 and also in the area around HL-22 where values of 415 ppm and 166 ppm copper were obtained respectively, against a background of approximately 25 ppm. A moderately anomalous zone was delineated at both these sites on a northwesterly bearing across the grid lines. Moderately anomalous values for copper at stations KH-51 and KH-61 are located close to magnetic highs.

The results from the silt sampling survey indicate an abrupt increase in copper values along Hubert Creek from HS-83 downstream to HS-73. The values to the south of HS-83 are low [23 ppm and 24 ppm] whereas the values jump to a background of approximately 80 - 100 ppm downstream. It is probable that the known showing at the vicinity of HS-82 is contaminating the samples taken further downstream since in general the values trend lower further downstream. The silver high in silt samples appears to be localized at HS-82 with a value of 2.4 ppm.

The magnetometer survey indicated anomalous lows in the area of HL-33, HL-34 and KH-33; and in the area of HL-26 and HL-27. These anomalies appear to be related to the high copper geochemistry values at HL-37 and HL-22 respectively. Along the southwestern end of line KH, there appears to be a series of magnetic highs in the area of KH-46, KH-43, and KH-59. Moderate geochemical copper values appear to be related to these areas.

RECOMMENDATIONS

To date the exploration carried out on the Hubert Claim Group has been done primarily on the Hubert 1 - 14 claims located in the central core of the property. The geochemistry and magnetometer survey have clearly established relevance in establishing the location of mineralization on this property, since one known showing [in the vicinity of HL-39] has been clearly defined by high copper and silver values and a magnetic depression. Another target has been established to the northwest, at HL-22, which was previously not recognized.

At this point it would appear that the property should be thoroughly examined so that magnetic and geochemical anomalies can be delineated in greater detail. The targets which have been established in this preliminary survey should be trenched and diamond drilled to establish the values of mineralization along strike and to depth.

COSTS

Costs for this survey are broken down below:

Labour	1110.00
Geochemical Assay	217.80
Field Equipment	135.19
Transportation	476.20
Drafting	141.00
Equipment Rental	150.00
Room and Board	317.28
Engineering	300.00
Assimilation of Data	100.00
Miscellaneous	443.23
Total	<u>\$3,390.70</u>

Declared before me at the *City*
of *Vancouver*, in the
Province of British Columbia *28th*
day of *Vancouver*, *1973*

James C. Bechtel

Jan Paul Sub-mining Recorder

A Commissioner of the Province of British Columbia
A Notary Public in and for the Province of British Columbia

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 four and one-half 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 interests 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.

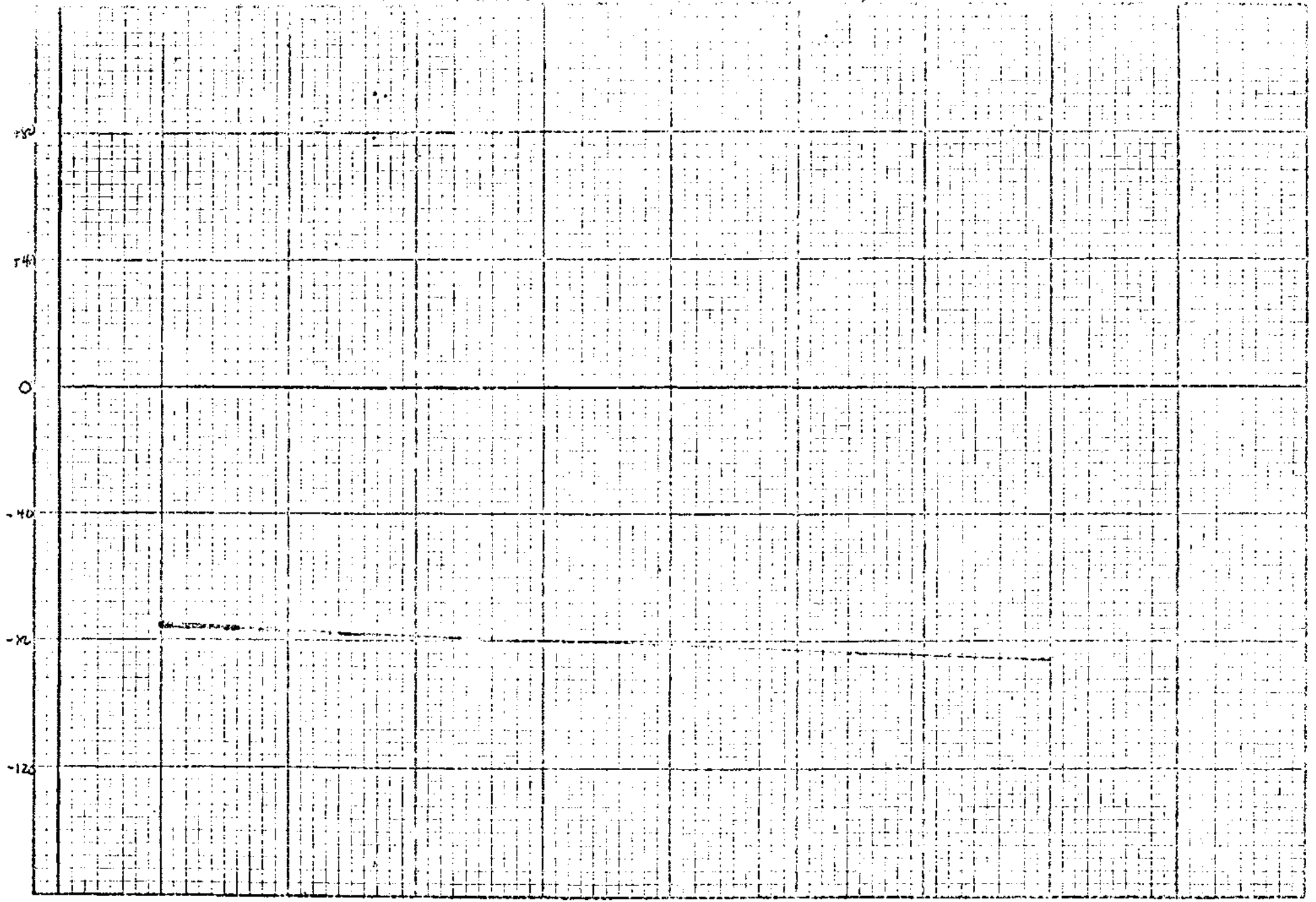
DATED at Vancouver, British Columbia, this fifth day of December, 1973.

SIGNED: _____

Uno Leis

Uno Leis, B.Sc.

Hubert - Diamond Fluctuation - Day 5 - Oct. 16, 1973



9:00

10:00

11:00

12:00

1:00

2:00

3:00

4:00

5:00

20

40

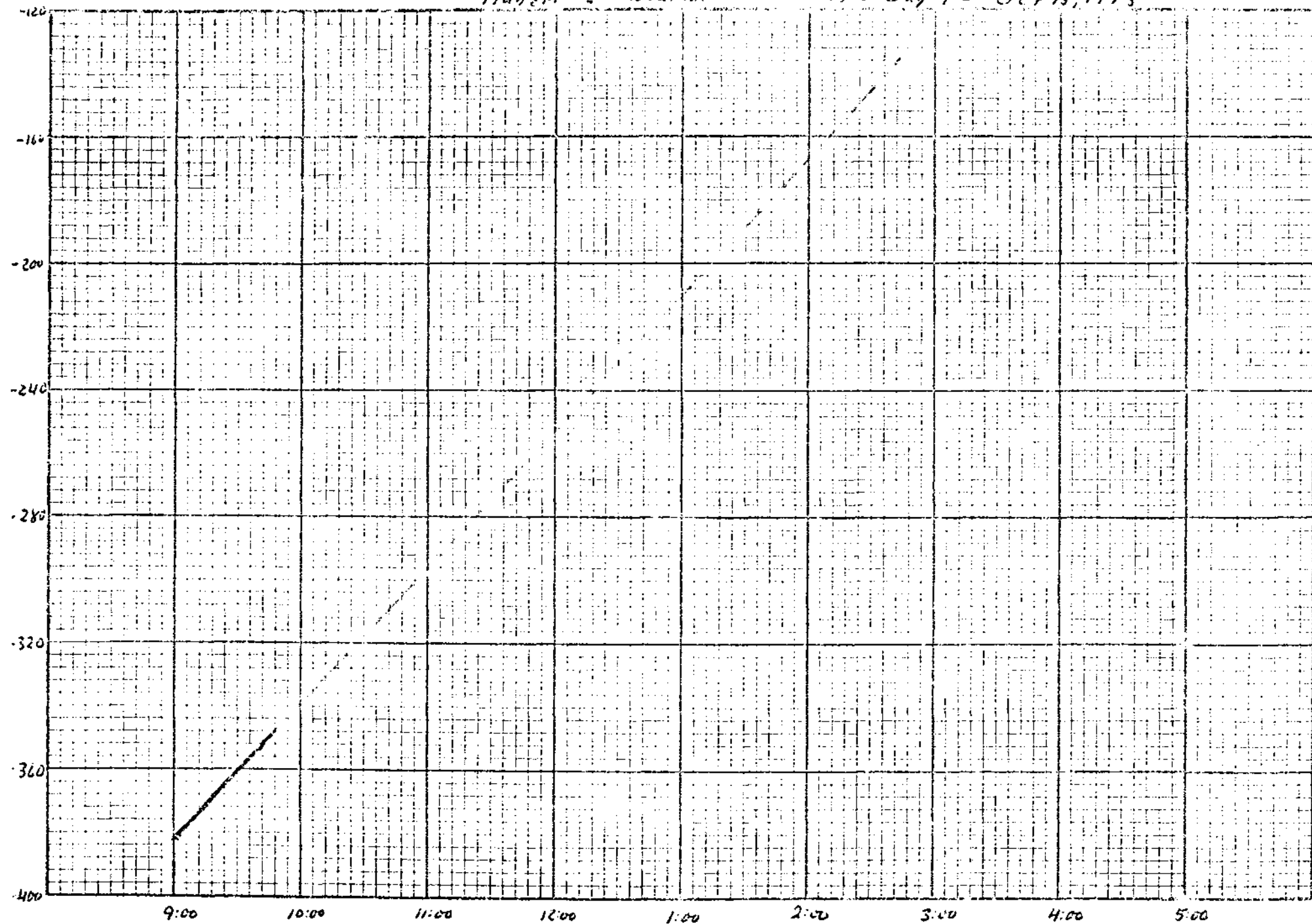
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-40

-80

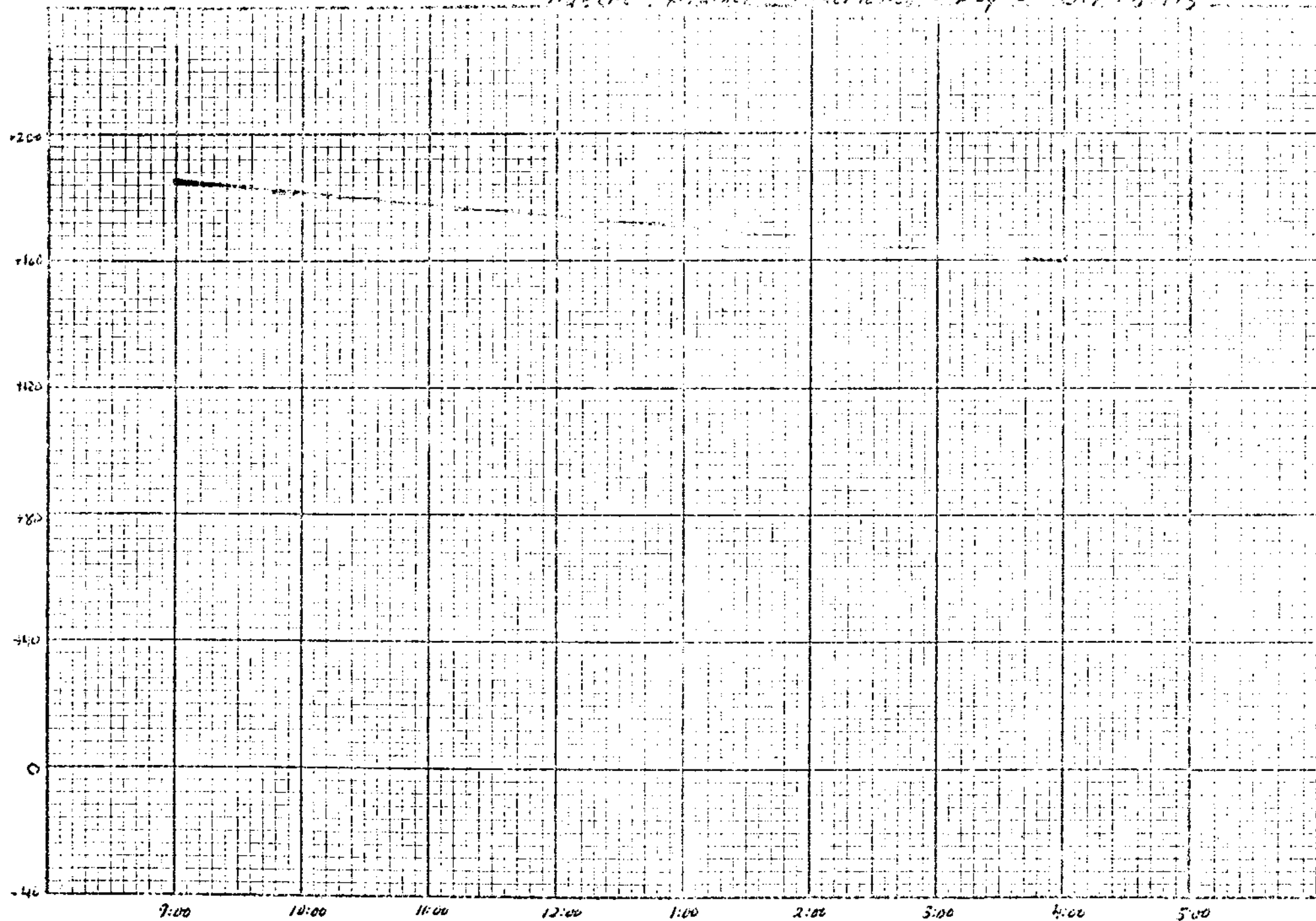
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Hubert - Diurnal Fluctuation - Day 4 - Oct 15, 1973



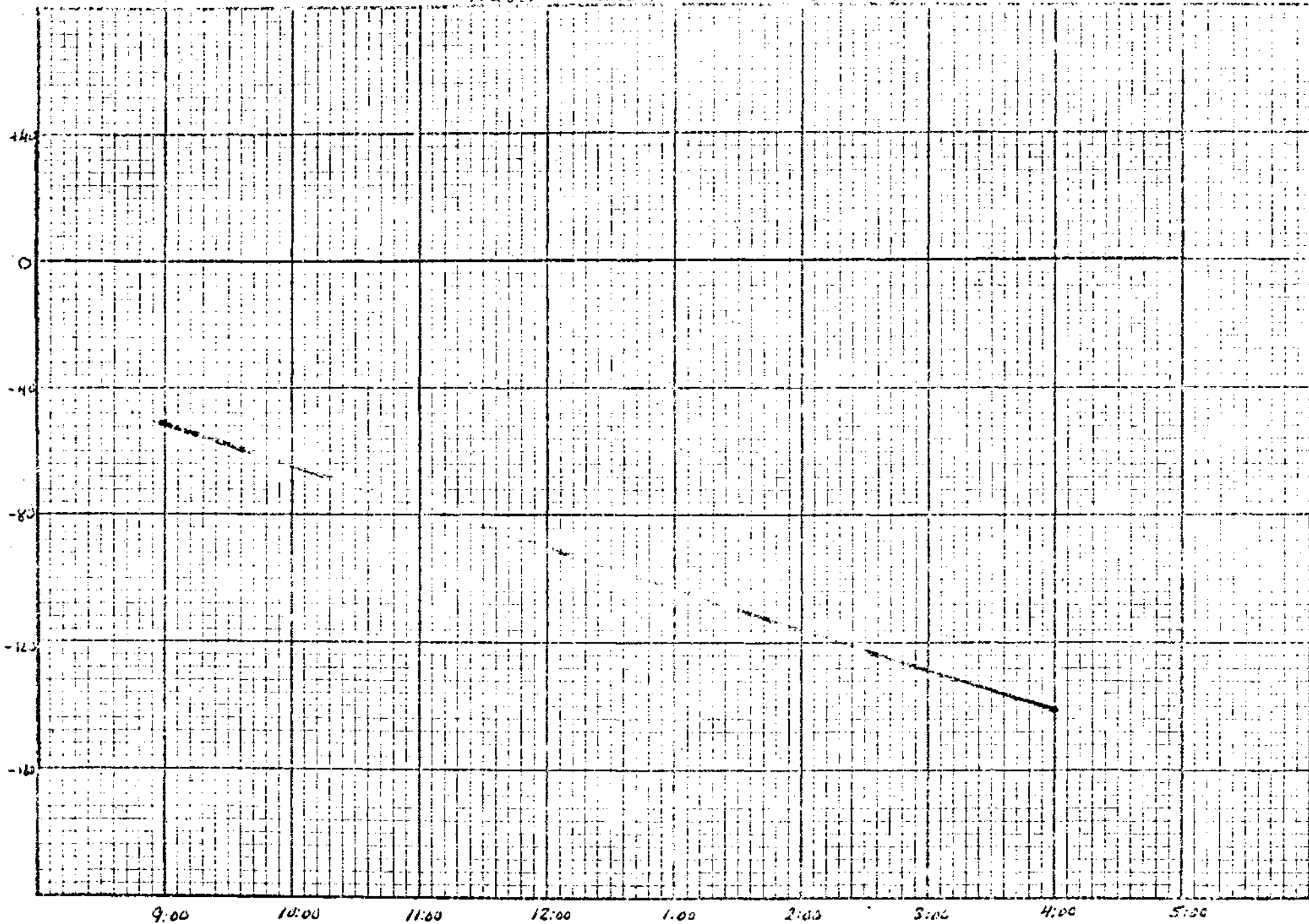
Gummis

Hubert - Channel Fluctuation - Day 3 - Oct. 14, 1973

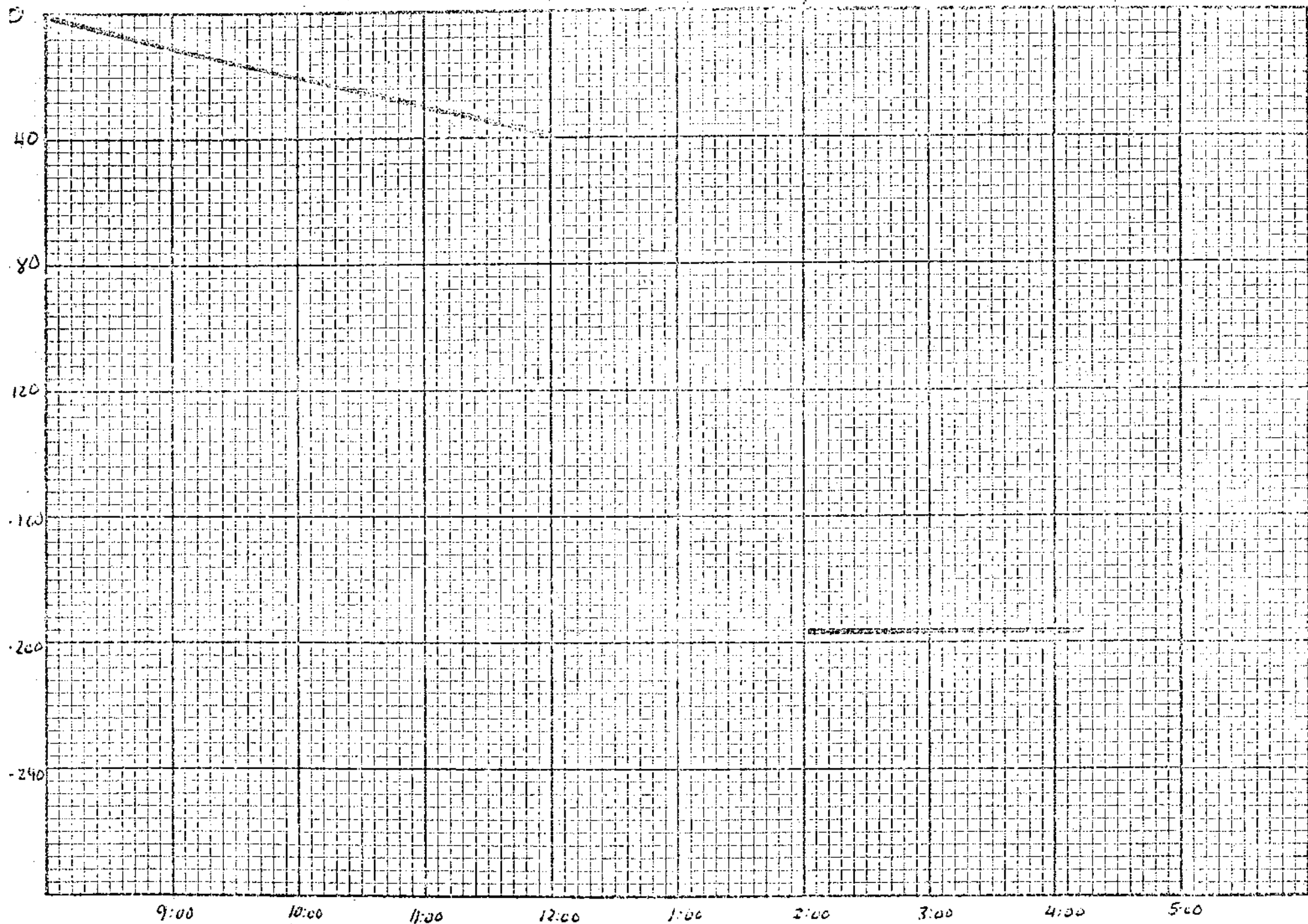


Summit

Hubert - Diurnal Fluctuation - Day 2 - Oct 13, 1973

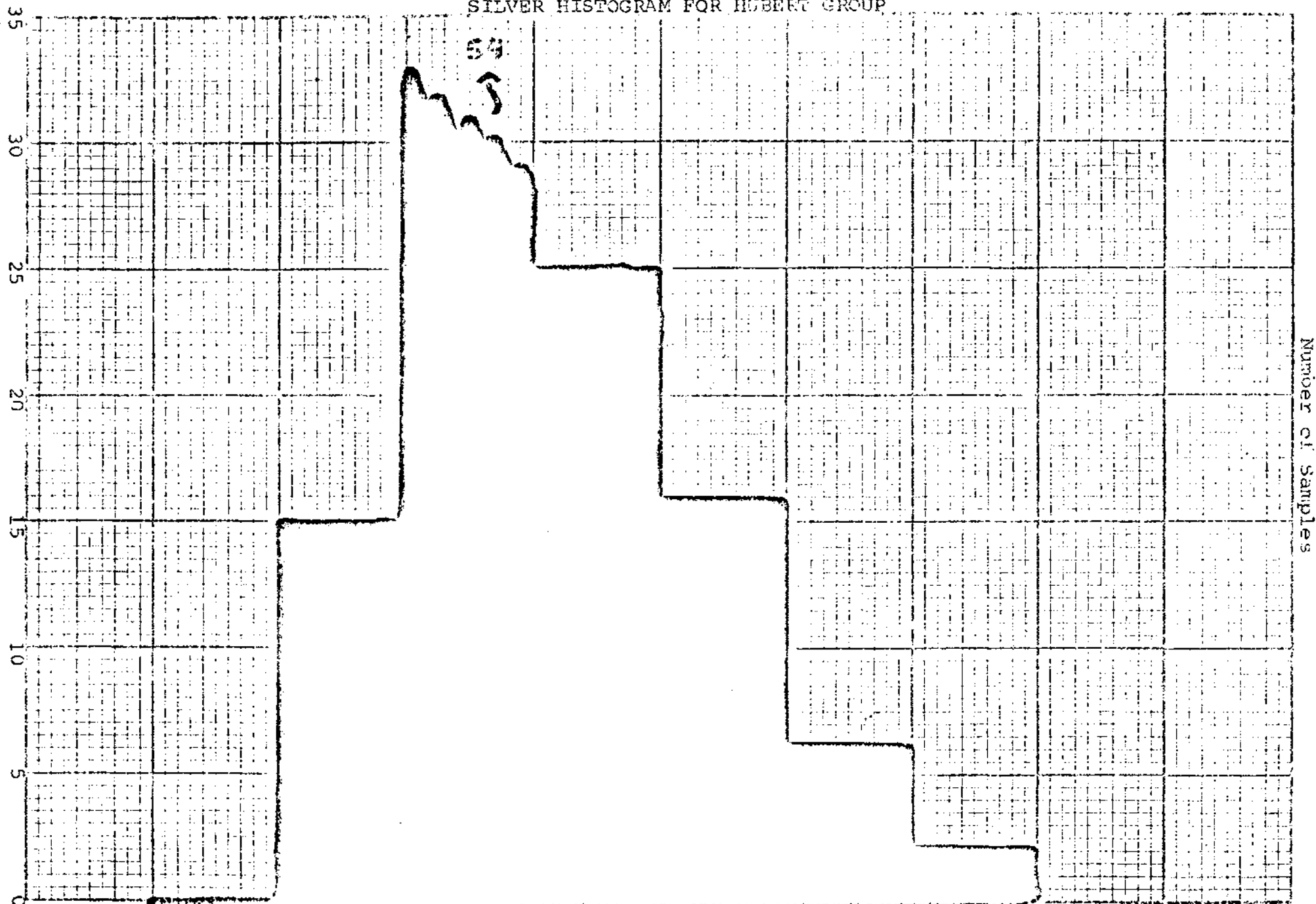


Hubert - Diurnal Fluctuation - Day 1 - Oct. 12/73



Cumms

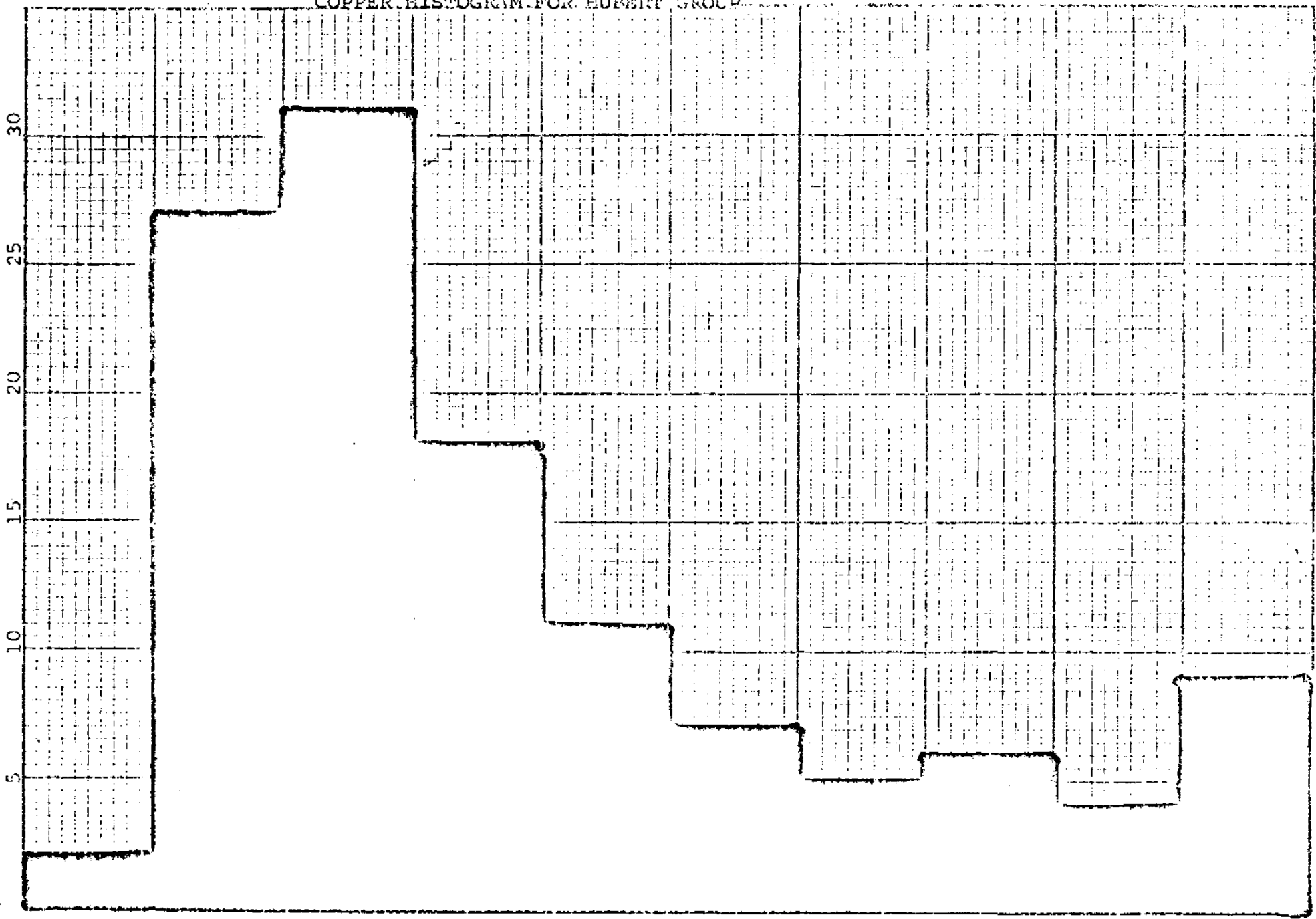
SILVER HISTOGRAM FOR HUBERT GROUP



0-0.5 ppm 0.6-1.0ppm 1.1-1.5 1.6-2.0 2.1-2.5 2.6-3.0 3.0 +

Number of Samples

COPPER HISTOGRAM FOR HUBERT GROUP



Number of Samples

0-10ppm 11-20ppm. 21-30ppm. 32-40ppm. 41-50ppm. 51-60ppm. 61-70ppm 71-80ppm. 81-90ppm 90+

1973

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
HK 21		37					15					.				
22		20					12					.				
23		60					27					.				
24		20					12					.				
25		67					25					.				
26		48					19					.				
27		102					30					.				
28		32					20					.				
29		24					18					.				
30		23					10					.				
31		24					10					.				
32		29					14					.				
33		75					13					.				
34		37					11					.				
35		21					13					.				
36		19					13					.				
37		31					15					.				
38		12					12					.				
39		17					11					.				
40		12					08					.				
41		32					17					.				
42		15					16					.				
43		10					11					.				
44		12					11					.				
45		14					10					.				
46		17					09					.				
47		46					24					.				
48		15					15					.				
49		19					14					.				
HK 50		19					11					.				

Signature

COMP

Maharaja Mineral

GEOCHEMICAL ANALYSIS DATA SHEET

File No. 650

PROJECT No.:

MIN - FN Laboratories Ltd.

DATE: Nov 27

1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
2042	2	42					1.8									
43	3	46					1.7									
44	4	62					2.3									
45	3	26					1.9									
46	3	24					1.2									
47	3	31					1.2									
48	3	44					1.4									
49	2	27					1.0									
50	3	20		Vern			1.0									
51	3	116		Hubert			2.9									
52	1	13		Hubert			1.6									

CHECKED BY: *Hubert K. ...*

CERTIFICATION OF JOHN M. McANDREW

#212, 14840 - 105 Avenue, Surrey, B.C. Phone: 588-8072

- [1] Registered as a Professional Engineer by the Association of Professional Engineers of B.C.
- [2] A fellow of the Geological Association of Canada.
- [3] B.Sc. in Geology from the University of Alberta, Edmonton, Alberta; post graduate courses in surveying, McGill University, Montreal, Quebec.
- [4] Prior to consulting the author spent seventeen years in exploration, property evaluation, mine geology, and production with the following companies:

Anaconda American Brass Limited - Copper, Molybdenum
Silver Titan Mines - Silver, Lead, Zinc
Columbia Iron Mining Co. - Coal
Newmont Exploration Ltd. - Nickel, Copper
Iron Ore Company of Canada Ltd. - Direct Shipping
Iron Ore

N. W. Byrne Company - Gold
Quebec Cartier Mining Comp. Ltd. - Concentrating
Iron Ore
Eldorado Mining & Refining Co. - Uranium
International Nickel Co. - Nickel, Copper

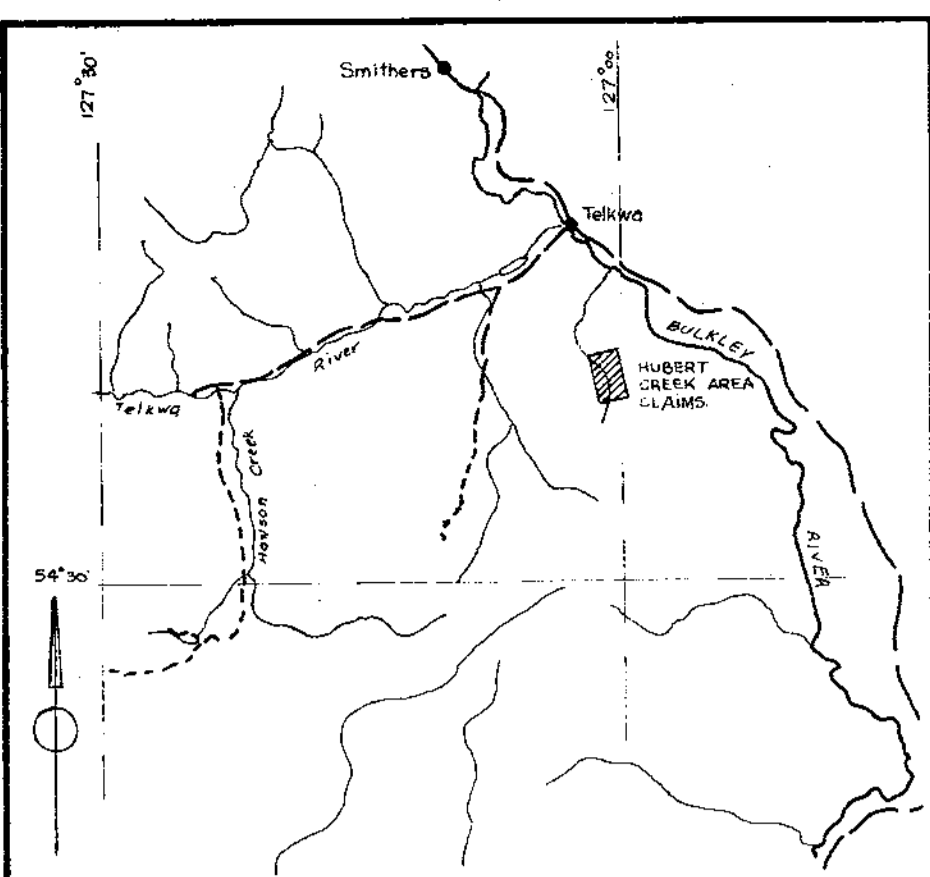
- [5] I have no direct or indirect interest in the properties covered by this report.
- [6] I have read this report and personally endorse the facts and concepts contained in the text.

DATED at Vancouver, British Columbia, this fifth day of December, 1973.

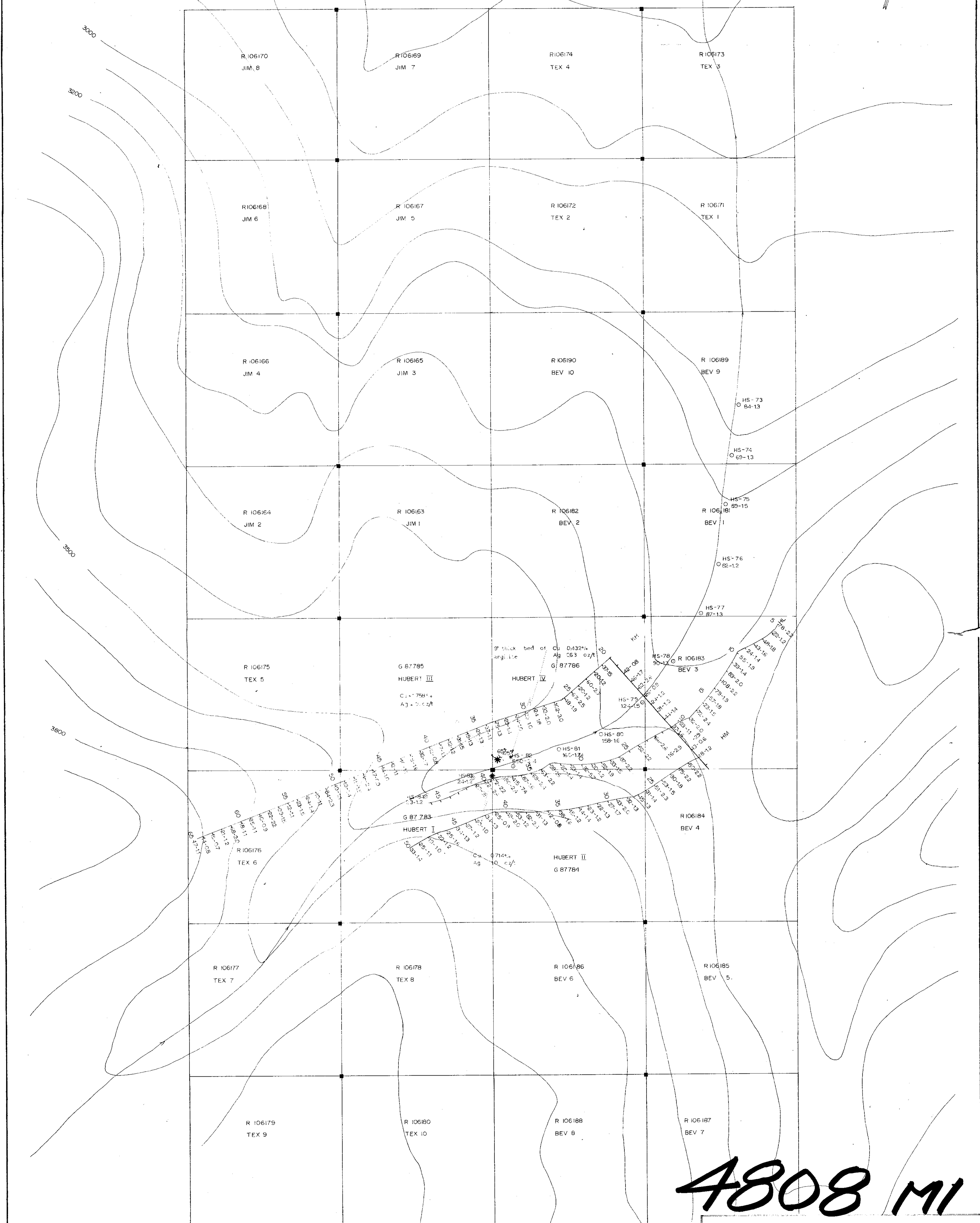
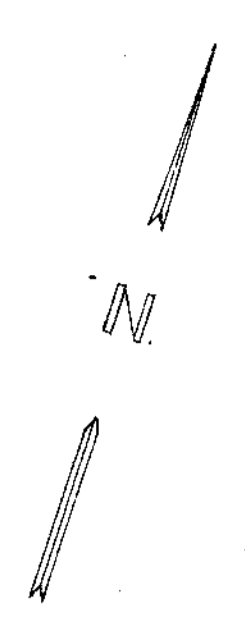
SIGNED:


John M. McAndrew, P.Eng.

Dec 5, 1973



LOCATION MAP

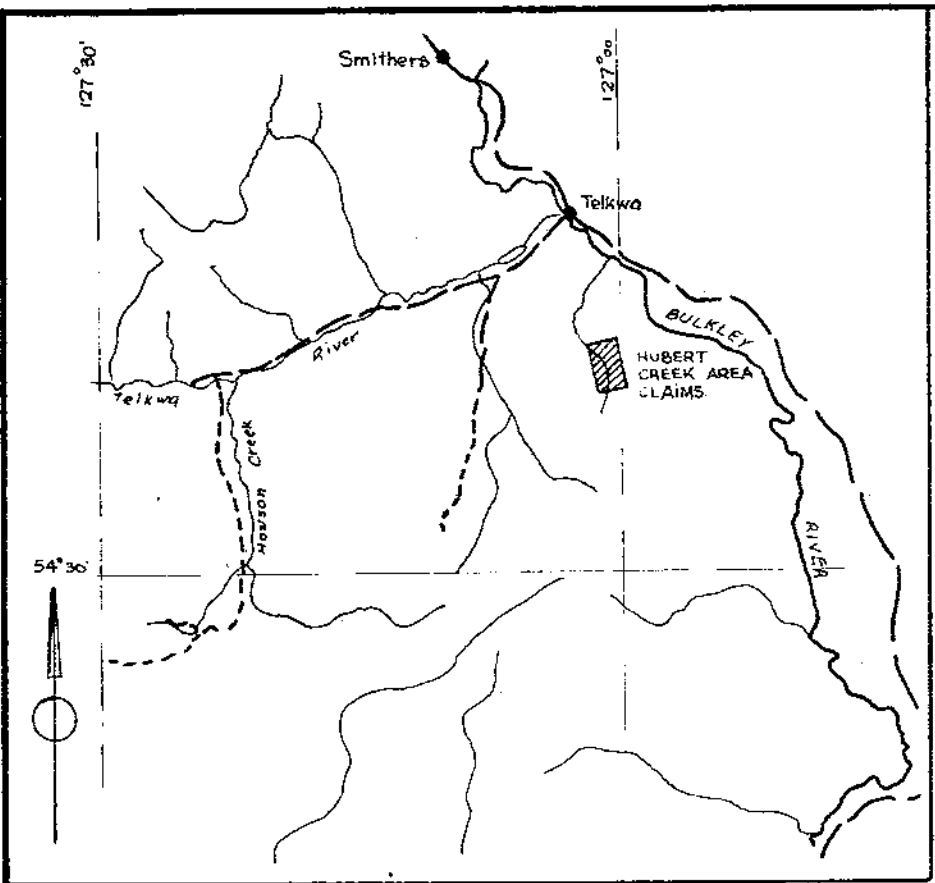


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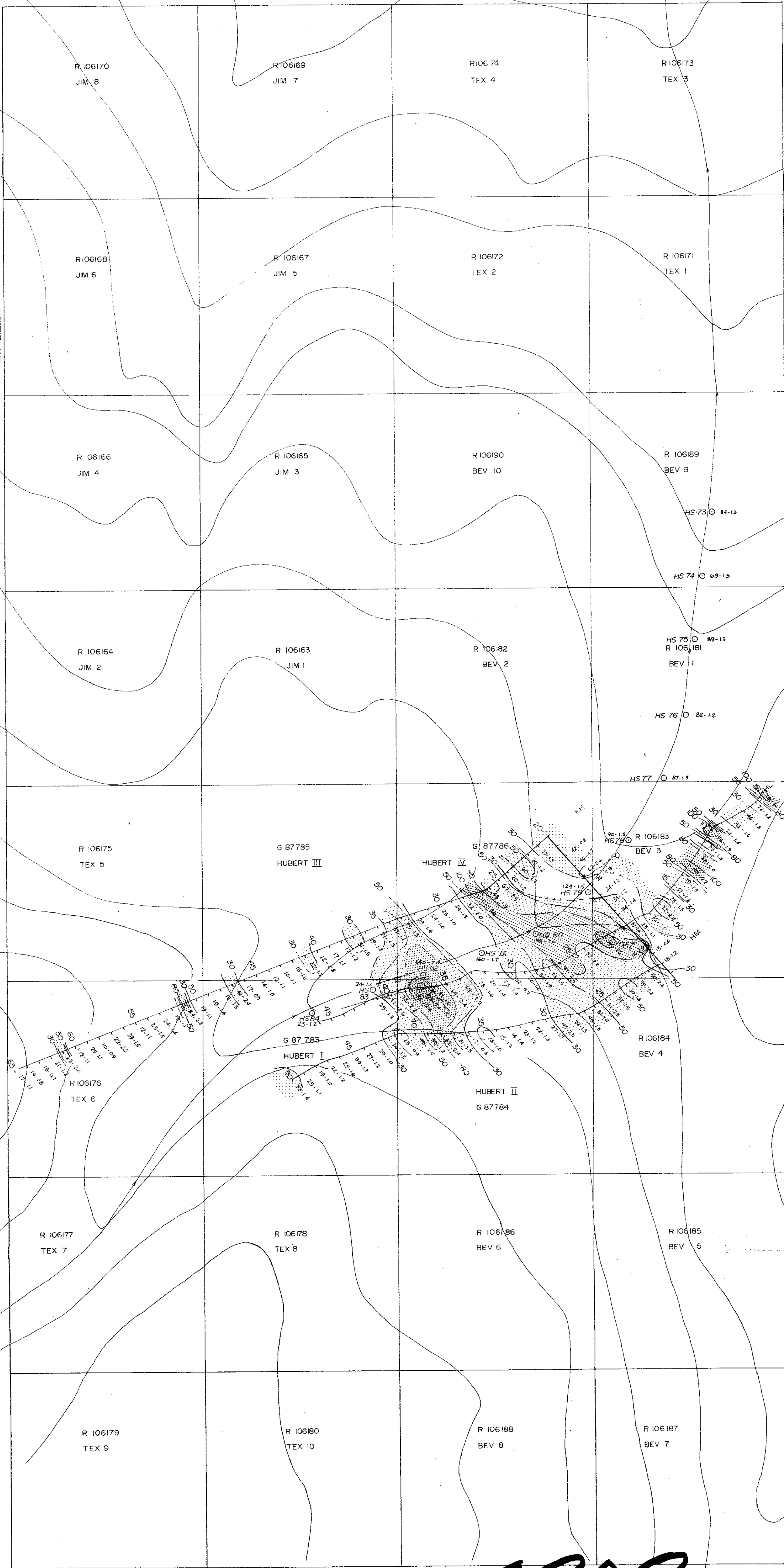
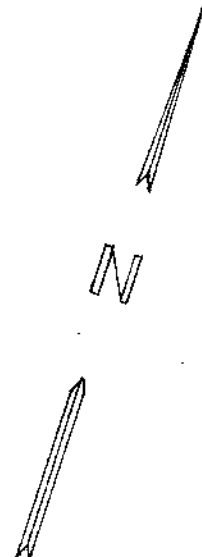
- Legend
- Creek
 - Claim post, claim line
 - Elevation contour
 - Grid station
 - HS 76 O Silt sample
 - 47-22 Cu-Ag (ppm)
 - * Mineralized outcrop

MAHARAJA MINERALS LTD (NPL)
 1102-207 W. HASTINGS ST. VANCOUVER B.C.
 OMINECA MINING DIVISION

HUBERT CREEK SAMPLING GEOLOGICAL MAP
 Department of Mines and Petroleum Resources
 ASSESSMENT REPORT
 SCALE: 1"=400'
 NO. 4808 MAP #1
 NOVEMBER 1973
 To accompany a geological report dated _____ by J. McAndrew P.Eng



LOCATION MAP



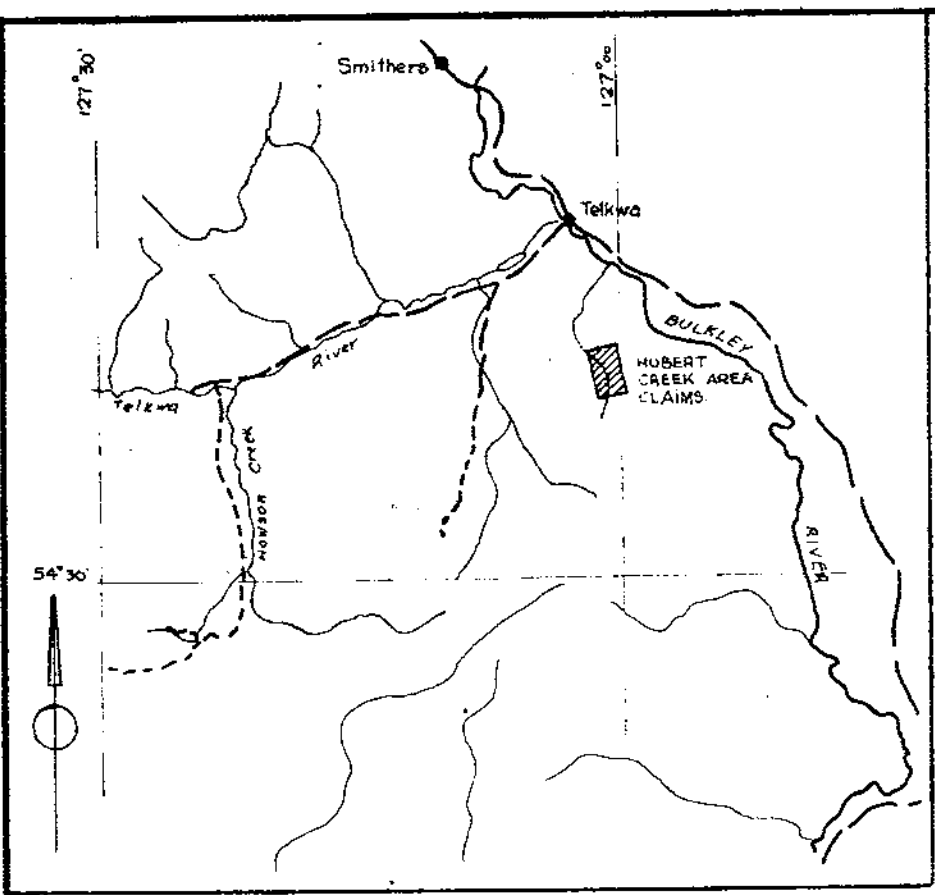
Department of
 Mines and Geoscience Resources
 Assessment Report
 NO. 4808 N.P. #2

**4808
 M2**

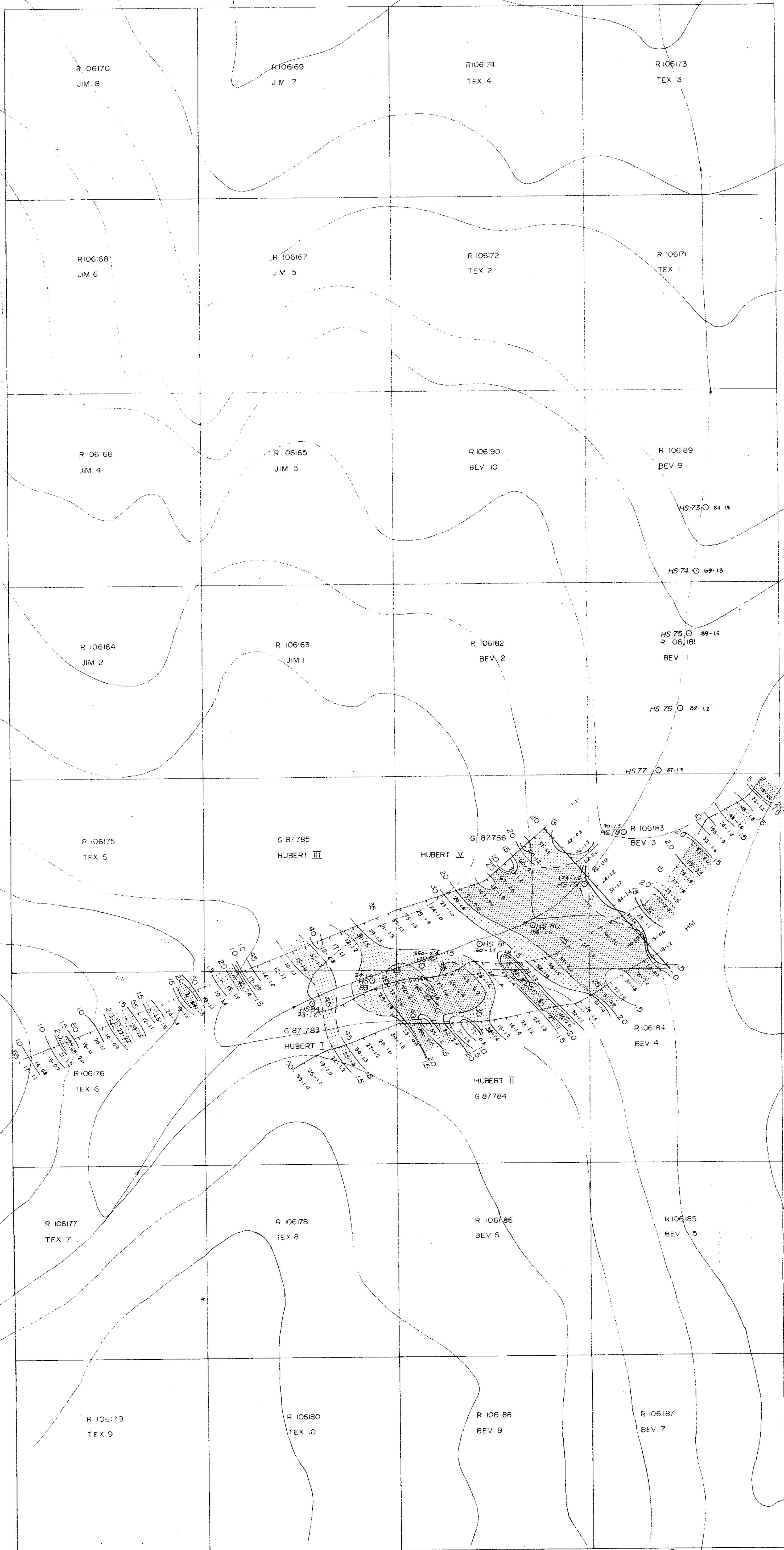
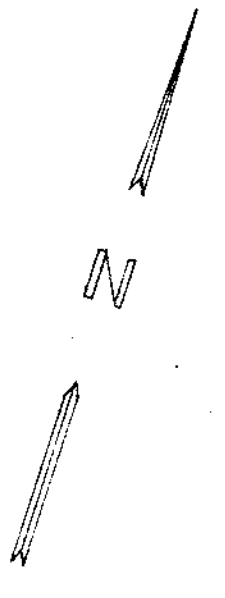
Legend

- Creek
- Claim post, claim line
- Elevation contour
- Grid station-Cu-Ag, in p.p.m.
- Silt sample
- Contour interval-Copper p.p.m.

MAHARAJA MINERALS LTD (N.P.L.)	
GEOCHEMICAL SURVEY (Copper)	
HUBERT CLAIM GROUP OMECA MINING DIVISION BRITISH COLUMBIA	
 Scale of feet	
 STRATO GEOLOGICAL LTD. 19-448 SEYMOUR STREET VANCOUVER, B.C.	



LOCATION MAP



Division of
Mineral Resources
NO. **4808** MAP #3

4808
M3

- Legend
- Creek
 - Claim post, claim line
 - Elevation contour
 - Grid station-Cu-Ag, in p.p.m.
 - HS76 O Silt sample
 - Contour interval-silver in p.p.m.

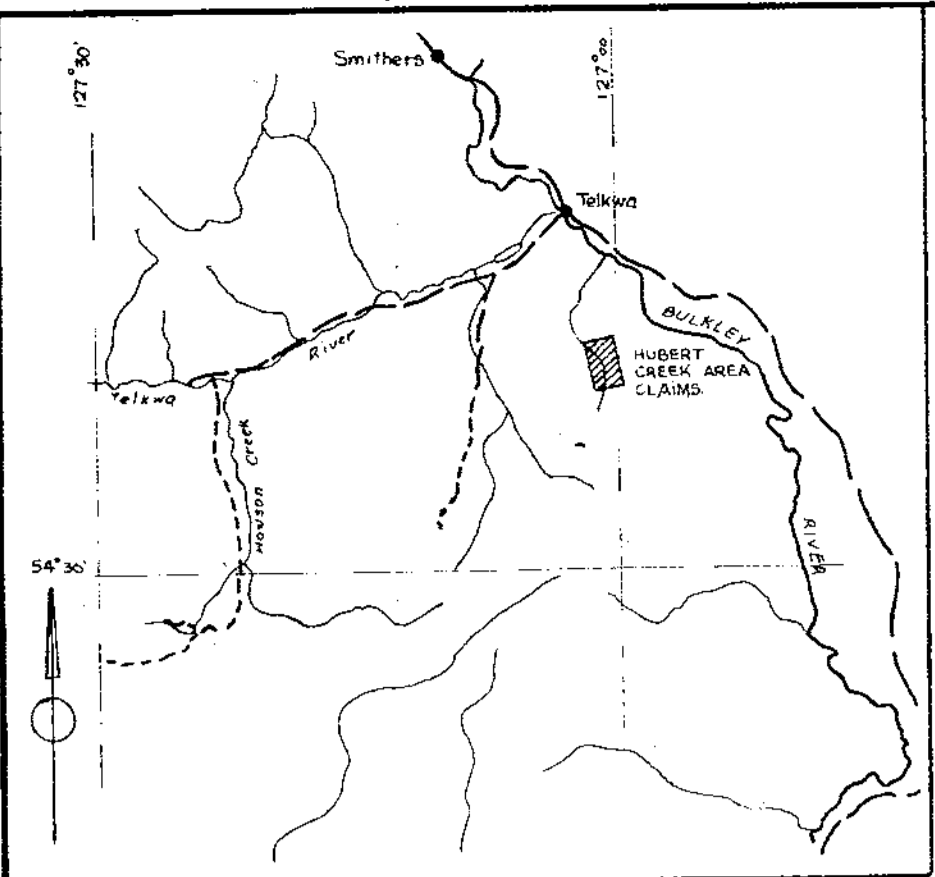
MAHARAJA MINERALS LTD (N.P.L.)

GEOCHEMICAL SURVEY (Silver)

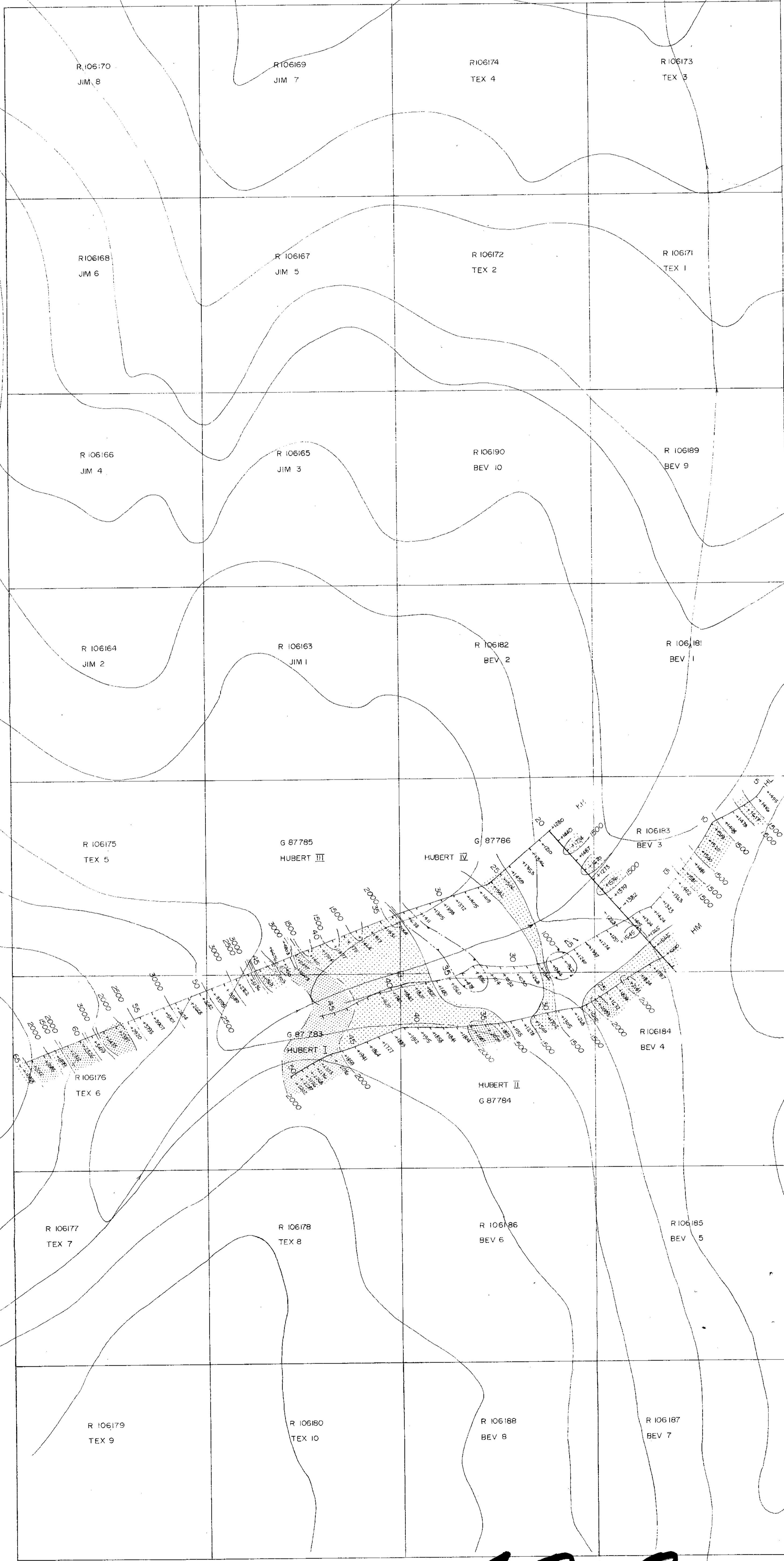
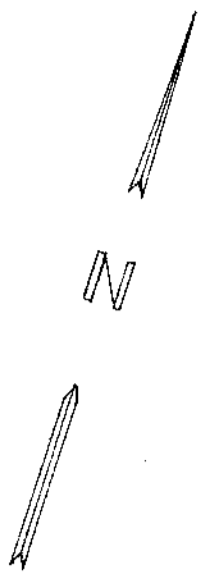
HUBERT CLAIM GROUP
OMINECA MINING DIVISION
BRITISH COLUMBIA

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

Scale of feet: 0 400 800



LOCATION MAP



NO. **4808** #4

4808
M14

- Legend
- Creek
 - Claim post, claim line
 - Elevation contour
 - Grid station - Reading in gammas

MAHARAJA MINERALS LTD. (N.P.L.)	
MAGNETOMETER SURVEY	
HUBERT CLAIM GROUP OMEGA MINING DIVISION BRITISH COLUMBIA	
Scale of feet 0 400 800	
STRATO GEOLOGICAL LTD. 19-448 SEYMOUR STREET VANCOUVER, B.C.	