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REPORT ON DIAMOND DRILLING ON HEIDI AND JOHN M.C. S IN THE SIMILKAMEEN MINING DIVISION MAP NO.: 92H/6W LONGTITUDE: 121° OI'W LATITUDE: 49° 27'N OWNER: HULDRA SILVER INC. OPERATOR: HULDRA SILVER INC. CONSULTANT: LIVGARD CONSULTANTS 'TD.



LIVGARD CONSULTANTS LTD. E. LIVGARD B.Sc., P.Eng. VANCOUVER, B.C. JANUARY 6TH/82

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INDEX

	PAGE .
INTRODUCTION	1.
SUMMARY	1.
PROPERTY	1. & 3.
LOCATION & ACCESS	3.
TOPOGRAPHY	3.
HISTORY	3.
DRILLING	4.
CLOSING	5.

# MAPS & APPENDIX

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CLAIM & LOCATION MAP	2.
ASSAY SHEET	6.
COST DECLARATION	7.
CROSS SECTIONS OF D.D. HOLES # 1, 2A, 3	8 10.
DRILL LOGS, HOLES # 1, 2, 2A, 3 (7 PAGES)	11 17.
CERTIFICATE	18.

CLAIM, ANOMALY AND DRILL LOCATION MAP IN THE POCKET.

## INTRODUCTION

This report describes the diamond drilling carried out on the Properties owned by Huldra Silver Inc. at Treasure Mtn. in the period October 1st to November 1st 1981 on behalf of Huldra Silver Inc. the report was requested by Magnus Bratlien, President of the company.

The drill contractor was D.J. Drilling Ltd., Vancouver, B.C. This report may be used for filing assessment work with the B.C. Gold Commissioner.

### SUMMARY

518 metres of diamond drilling was carried out by D.J. Drilling Ltd. on behalf of Huldra Silver Inc. on the company's Heidi and John M.C. s at Treasure Mtn. in the Similkameen M.D. during October 1981. The drill program was designed to examine various VLF EM anomalies discovered earlier.

The drill program was successful in that it may have explained the EM anomalies. It discovered a mineralized vein in the first drill hole which should be further examined.

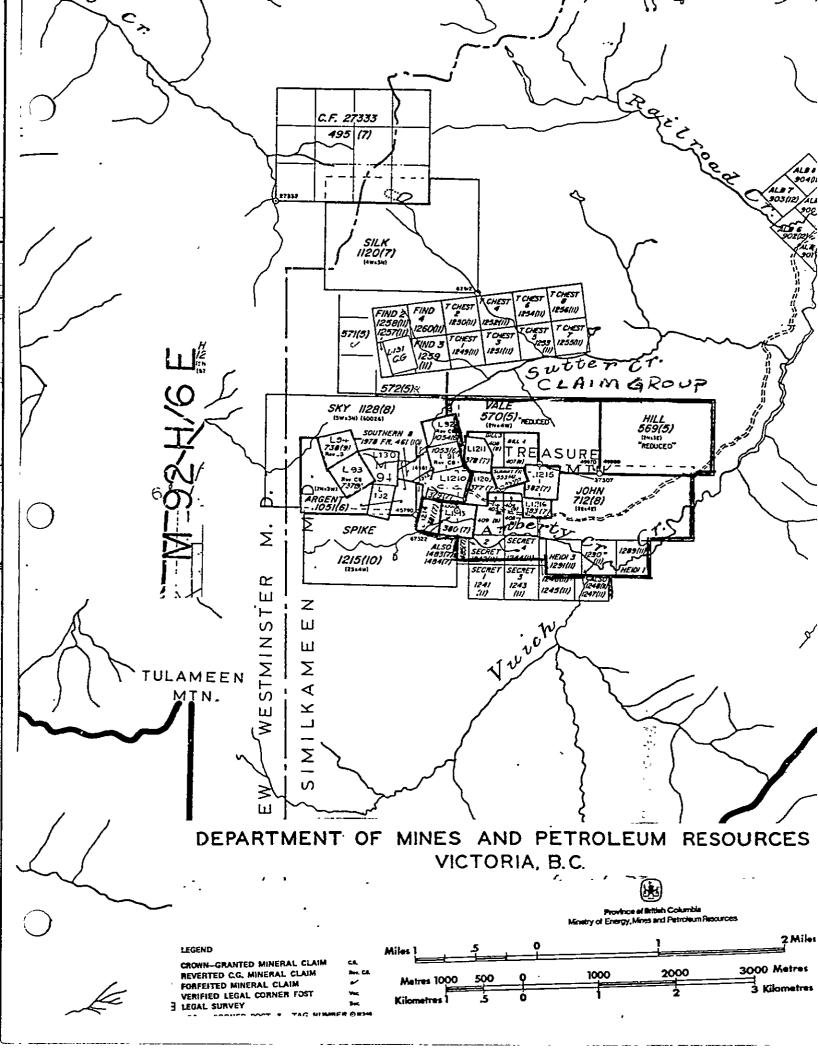
#### PROPERTY

The property consists of the following reverted Crown-grants and staked claims:

REVERTED CROWN-GRANTS	RECORD N	<u>0.</u>
WHY NOT FR.	377	1209
WHY NOT FR. #3	378	1211
Eureka Fr.	379	1212
Tamarac	380	1213
Tamarac #2	381	1214
Lake View	382	1215
WHY NOT #2	383	1216

continued ...

Page 1.



PROPERTY CONTINUED

STAKED CLAIMS	RECORD NO.		
Heidi 1-3	1289-1291		
Heidi 4-6	1483-1485		
John	712 (8) 8 Units		
Hi]]	569 (5) 6 Units		
Vale	570 (5) 8 Units		
Bill 1-6	404-409		
Summit Fr.	583		

All reverted Crown-grants and claims are owned by Huldra Silver Inc.

## LOCATION AND ACCESS

The claims are in the Similkameen Mining Division, Map Sheet 92H/6 at the headwaters of Tulameen River about 20 miles southwest of the Town of Tulameen.

The claims can be reached by a dirt road from Tulameen. The road is not kept open in winter.

## TOPOGRAPHY

The claims lie at an elevation of about 4,000 feet on a part of the south slopes of Treasure Mountain, and on the river flat adjacent to it.

#### HISTORY

The Treasure Mountain mineralization was discovered before the turn of the century. Extensive underground work was carried out on the claim ground in the 1920's and 1950's.

A total of about 5,000 feet of drifts, crosscuts and raises were put in. A small mill was built in 1954-55, but it never operated.

The mineralization indicated by the underground work consists of about 100,000 tons grading approximately 5 oz. Ag, 4% Pb and 5% Zn per ton.

Page 3.

#### DRILLING

A total of 1,699 feet or 518 metres were drilled using BQ bits and core barrel giving core with a  $1\frac{1}{3}$  inch or 3.175 cm. diameter.

<u>Hole #</u>	Depth	<u>Overburden</u>	<u>Azim</u>	<u>Dip</u>
1 2 2A	172.5 m 55.5 m 176 m	37 m 55.5 m 55 m	1450 1800 1760	-60 <sup>0</sup> -60 <sup>0</sup> -55 <sup>0</sup>
3	114	9.75m	1800	-60 <sup>0</sup>

TOTAL 518 m

Drill Hole Objective and Results:

Hole #1 was drilled to check a curving horseshoe shaped "very low frequency" electro-magnetic anomaly (conductive zone).

The hole cut a vein at a depth of 146 m. It consisted of graphitic gauge and fragments of graphitic schist and quartz. Visible minerals were light brown sphalerite, galena and pyrite. A sample from the gauge assayed 1.21 oz./T Ag, 2.86 % Pb and .047% Zn.

A sample of the quartz-graphite schist with visible sphalerite assayed 0.3 oz./T Ag, .01% Pb and 3.46% Zn. This vein corresponds fairly closely to the location of the conductive zone outlined in the geophysical survey, although at greater depth, and is probably the cause of the E.M. anomaly. The anomaly should be drilled and checked closer to the surface.

The rock types encountered were shale (graphitic), conglomerate, arkose and small dykes of different kinds. The hole bottomed in a porphyrite dyke.

Hole #2 cut 182 feet of overburden and had to be abandoned.

Hole #2A was drilled from the same place and cut 180' of overburden. The hole was drilled to check a VLF EM anomaly which extended over 1,000 metres east-west. Most of the hole showed lightly altered arkose. A weak fault was intersected near the bottom and the arkose became slightly graphitic. This contact may be the cause of the anomaly.

Hole #3 was drilled to check an anomaly of high Ag, Pb, and Zn values in the soil and coincidentally a conductive zone indicated by a VLF EM survey.

The hole intersected mainly andesite with some graphitic shale in the last 50 feet. A fault at 290 foot depth shows gauge, quartz sericite and minor pyrite. This may be the reason for the conductive zone, but the highAg, Pb, Zn values in the soil were not explained by the drill results.

Page 4.

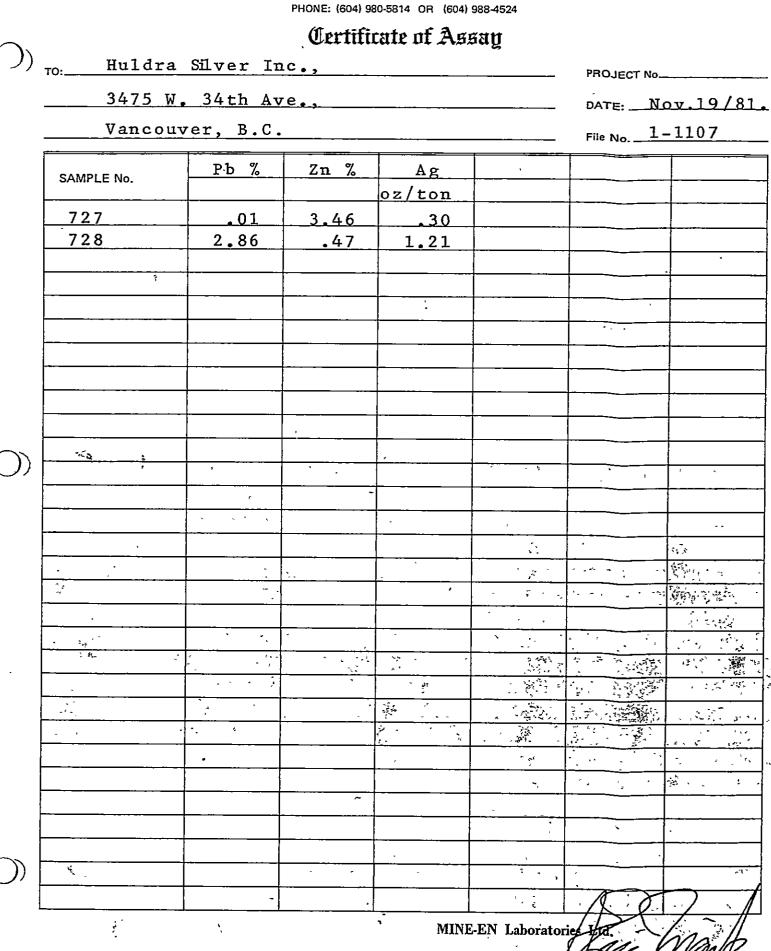
Respectfully submitted, tivgard Consultants Ltd. Egil Livgard B.Sc., P.Eng.

EL/wam

Page 5.

MIN-EN LABORATORIES LTD.

705 WEST 15TH STREET, NORTH VANCOUVER, B.C. V7M 1T2



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# HULDRA SILVER INC. COST DECLERATION

December 8, 1981

Diamond drilling on Heidi #5 Rec. No. 1484 and John #5 Rec. No. 712 Mineral claims in the Similkameen M.D. 1699 feet of BQ core (diameter 3.175 cm.)

Contract Drill Cost	\$ 55,097.51
M. Bratlein Supervision & Helper 30 days @ \$ 150.00/day	4,500.00
Vehicle 30 days @ \$ 25.00/day Gas	750.00 100.00
E. Livgard B.Sc., P. Eng. Core logging & Reports 4 days @ \$ 300.00/day	1,200.00
Camp Cost (Groceries & Supplies)	3,200.00
Cook Carl Maxwell 1 month	2,000.00
	\$ 66,847.51

66,847.51 / 1,699' or 39.35 / foot drilled On Heidi #5 drilled 374' x 39.35 = \$ 14,716.90

On John Mc 1,325' x 39.35 = \$ 52,130.61 E. Livgard P. Eng.

EL/wam

-REACE OVERBURPEN BED ROCK SHALE - - - CENGLOMERATE 5 FAULT . Dyke SE SCHIST .... HRKOSE HULDRA SILVER INC. D. D. HOLE # 1 SECTION SCALE 1:1000 10 20 30 40m 7.AN. 1982 E. LIVE AND.

Lowbuctor ()SURFACE OVER Buck DE. N BEDRECK oron ARKOSE - FALLT DYKE ---....... --- • HULORA SILVER INC D.D. HOLEHZA SECTION SCALE 1:1000 0 10 20 30 APm JAN. 1982 E.LIVGARD

N Soll ANDMAL IN Ag. Pb. 2-SURFACE BVERBURDENS Browner -ANDER ANDER FAMET FAMET ""I'III STIALE . . . . . . . . HULDRA SILVER INC. D.D.H.#3 SECTION SCALE 1: 1000 0 10 20 30 40m JAN 1982 E. LIVGARD

### CERTIFICATE

I, EGIL LIVGARD, of 717-837 West Hastings Street, Vancouver, B.C. DO HEREBY CERTIFY:

- 1. I am a Consulting Geological Engineer.
- 2. I am a graduate of the University of British Columbia, with a B.Sc., 1960 in Geological Sciences.
- 3. I am a member of the Association of Professional Engineers of the Province of British Columbia.
- 4. From 1960 to 1962 I was employed as a geologist with United Keno Hill Mines, Elso, Yukon Territories.
- 5. From 1962 to 1963 I was employed as a geologist with the Geologic Survey of Norway.
- 6. From 1963 to 1966 I was employed as a Mine Geologist and Engineer at the Portage Mine, Chibougamau, Quebec.
- 7. From 1966 to 1968 I was employed as Chief Geologist and Engineer at Utica Mines, Keremeos, British Columbia.
- 8. From 1968 to 1970 I was employed by S & N Mine Management, Consultants, Vancouver, B.C.
- 9. From 1970 to the present I have been self-employed as a consultant in Vancouver, B.C.
- 10. I have acquired a substantial interest in Huldra Silver Inc.

DATED AT VANCOUVER, BRITISH COLUMBIA THIS 6TH DAY OF JANUARY 1982.

Egil Livgard, B.Sc., P.Eng.

Page 8.

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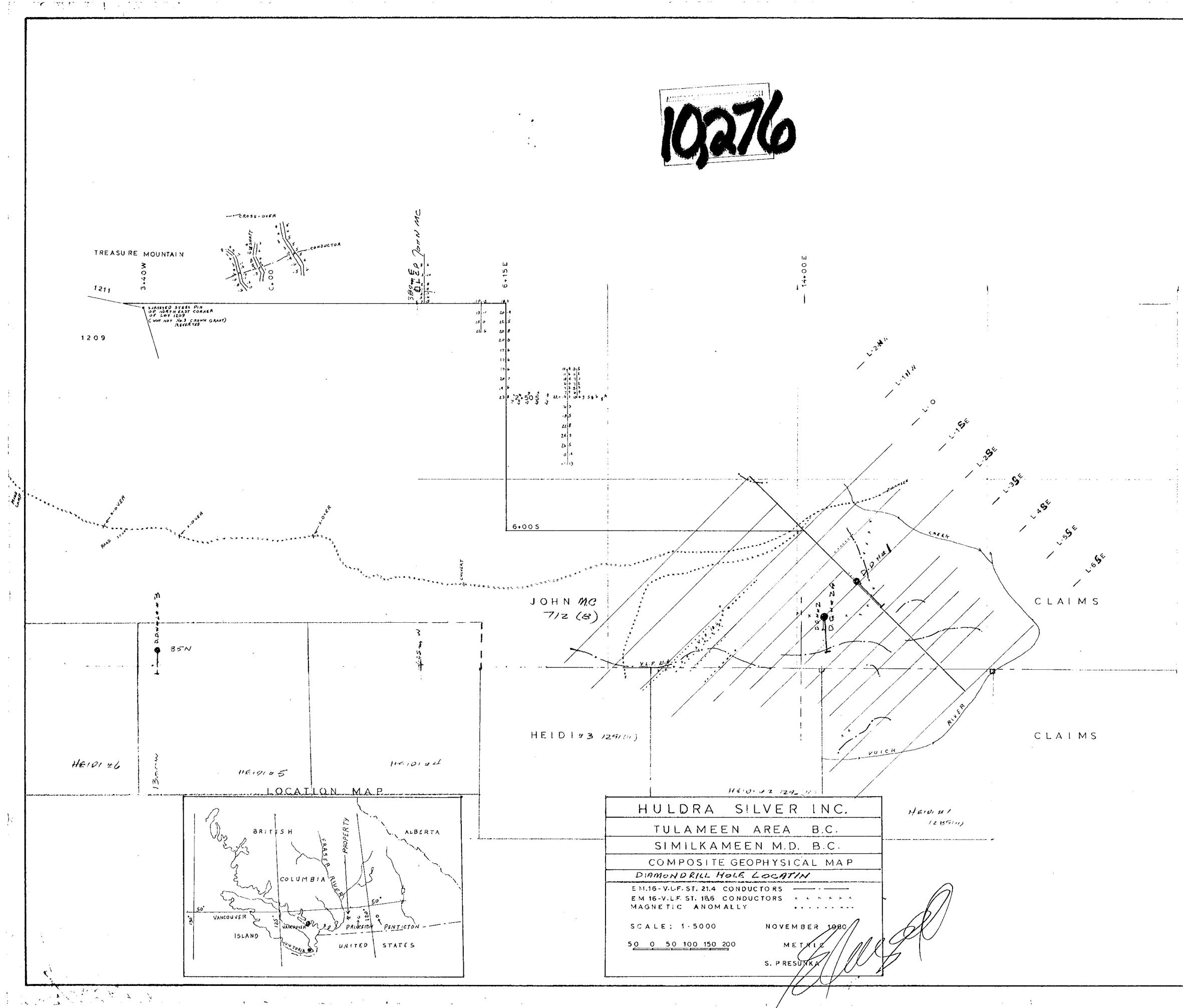
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