

6391

GEOCHEMICAL REPORT  
ON THE  
MAY GROUPS 1, 2 and 3

104-G-7W

OWNED AND OPERATED BY  
UTAH MINES LTD.

By

G.A. CLOUTHIER  
UTAH MINES LTD.  
SEPTEMBER, 1977

MINERAL RESOURCES BRANCH ASSESSMENT REPORT  NO. _____
--

Work Performed between June 1st and July 31st, 1977

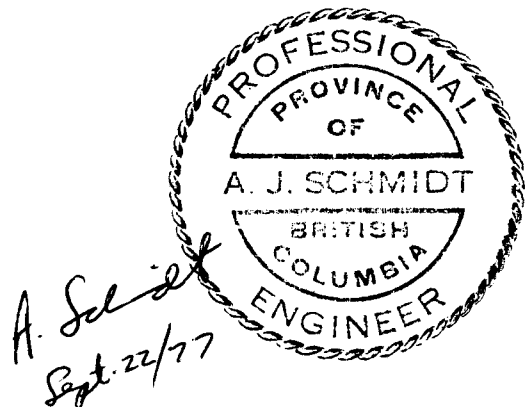


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LIST OF ILLUSTRATIONS

FIGURE

1	LOCATION	After Page 1
2	CLAIM MAP	After Page 1

PLATE

1	INDEX MAP	In Pocket
2	GEOCHEMISTRY SOILS COPPER SHEET 1	"
3	" " " " 2	"
4	" " " " 3	"
5	" " " " 4	"
6	" " " " 5	"
7	" " " " 6	"
8	" " " " 7	"
9	" " " " 8	"
10	" " MOLYBDENUM 1	"
11	" " " " 2	"
12	" " " " 3	"
13	" " " " 4	"
14	" " " " 5	"
15	" " " " 6	"

LIST OF ILLUSTRATIONS - Continued

PLATE

16	GEOCHEMISTRY SOILS	MOLYBDENUM SHEET	7	In Pocket		
17	"	"	"	8	"	
18	"	"	SILVER	"	1	"
19	"	"	"	"	2	"
20	"	"	"	"	3	"
21	"	"	"	"	4	"
22	"	"	"	"	5	"
23	"	"	"	"	6	"
24	"	"	"	"	7	"
25	"	"	"	"	8	"

## INTRODUCTION

The May Group, consisting of six (6) claims, each of twenty (20) units, was staked for Utah Mines Ltd. on May 25, 1976. A claim map and location map follow this page. A limited program of geologic mapping and geochemistry was conducted during the 1976 field season to confirm the work done by previous workers and to expand the coverage of earlier surveys. Many existing grid lines had to be improved to provide better control for the mapping and soil sampling. In September an Orthophoto Mosaic at a scale of 1:2500 was prepared for the property by Pacific Surveys Ltd. and this was used for preparing base maps for this report and will provide a good quality large scale map for all future work.

## LOCATION

The May Group is located in northwestern British Columbia, 975 kilometers north-northwest of Vancouver and 68 kilometers south of Telegraph Creek on the Stikine River. Locally the claims are staked along the eastern flank of Mess Creek Valley sixteen (16) kilometers south of Mess Lake. The NTS Grid reference is 104-G-7 and the coordinates are 57°17'N and 131°53'E.

## ACCESS

At the present time access to the property is by helicopter. Small float planes have landed on Loon Lake at the base camp but payloads are very restricted so that it could probably only be used in cases of emergency. The closest airstrip is at Schaft Creek ten (10) kilometers to the north. It is a good gravel strip 2,750 meters long capable of handling fairly

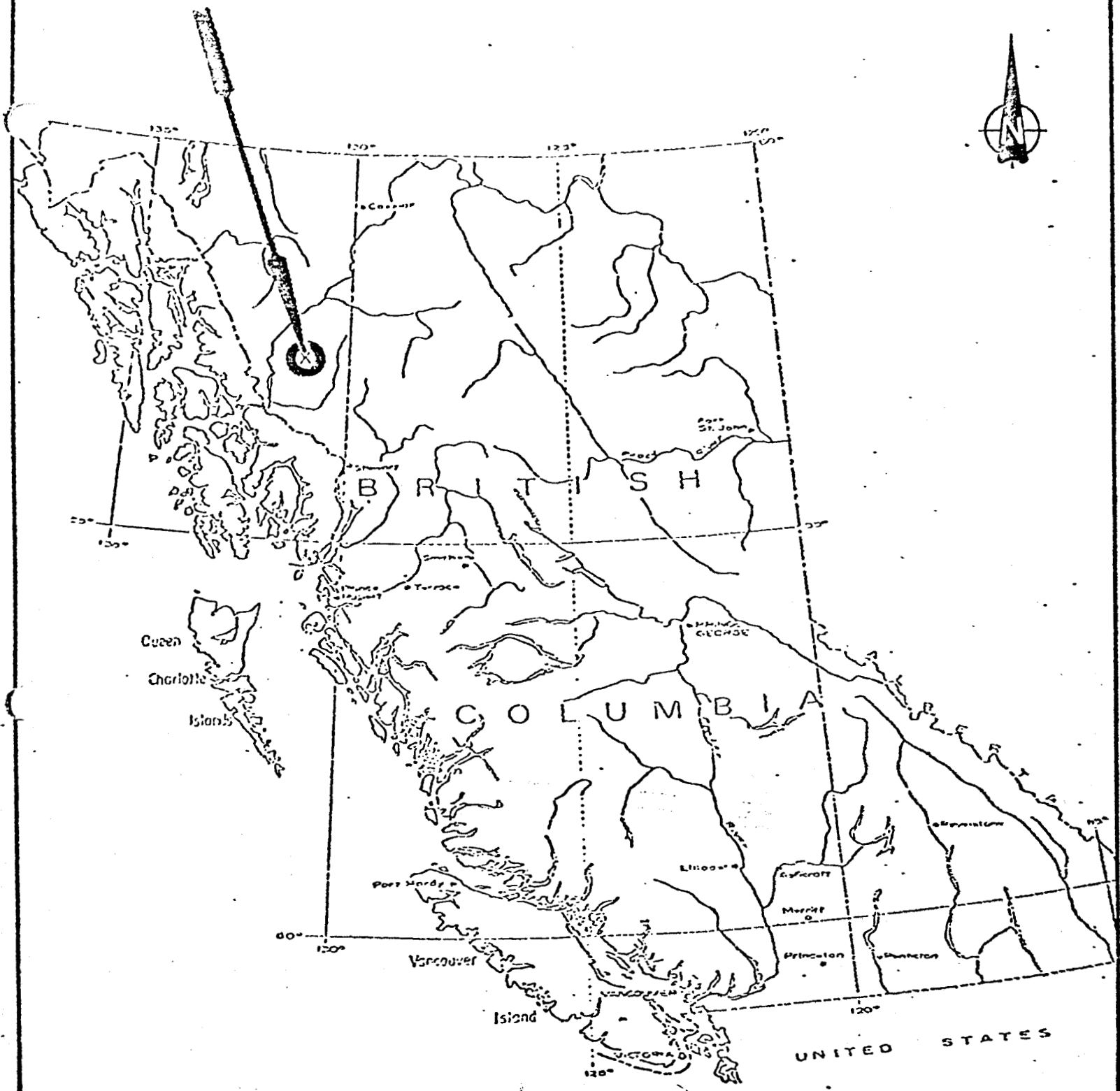
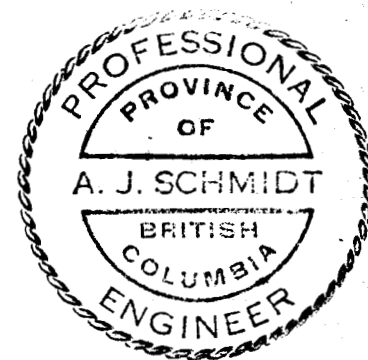


Figure 1  
 LOCATIC<sup>TM</sup> MAP MAY GROUP



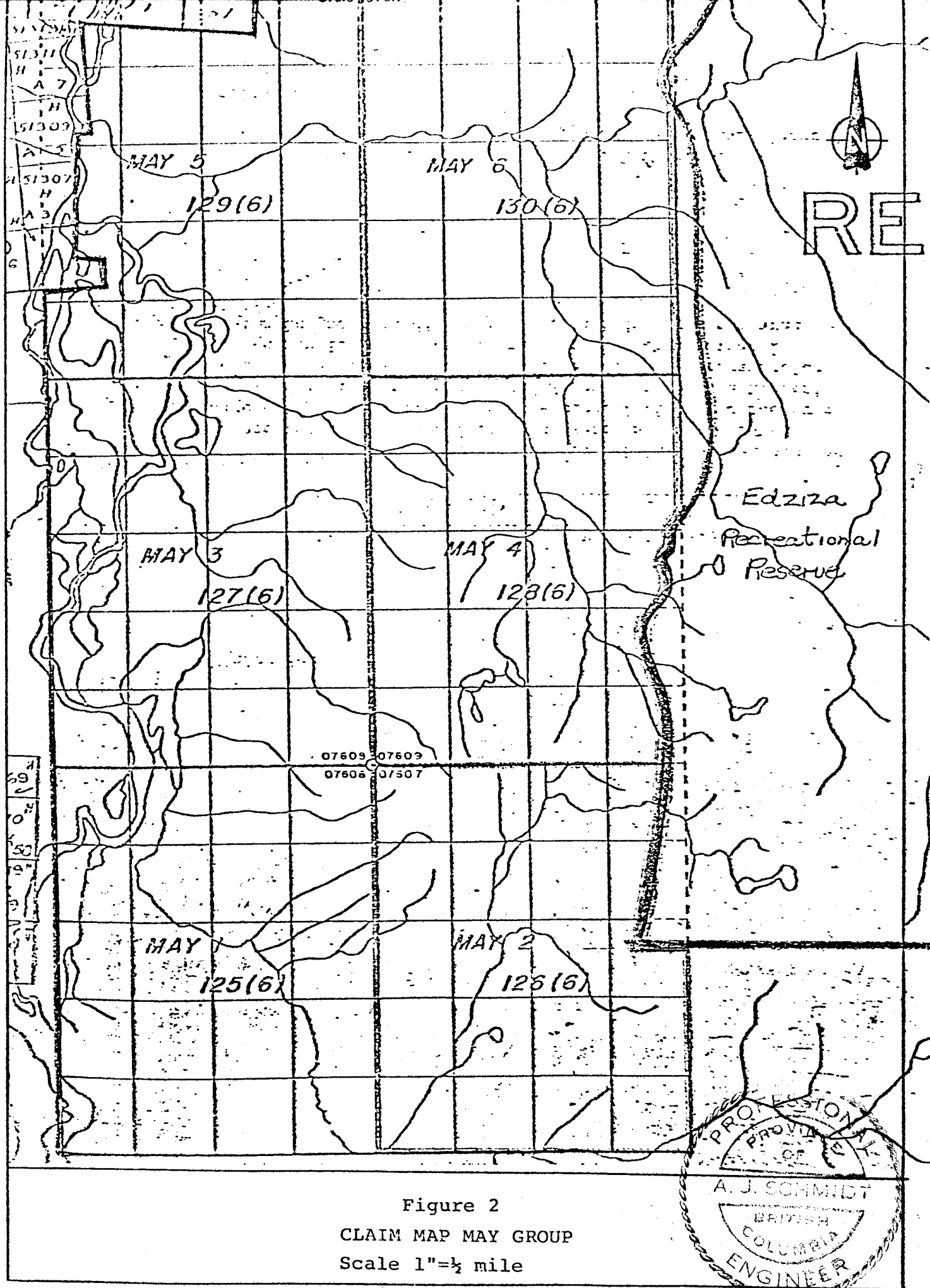


Figure 2  
 CLAIM MAP MAY GROUP  
 Scale 1" = 1/2 mile

ACCESS - Continued

large cargo planes. The nearest road access is along the Stewart-Cassiar Highway 56 kilometers south of Iskut, which is 38 kilometers due east of the property. The proposed road to Schaft Creek, should production be realized there, would pass within a few kilometers of the property. The B.C. Rail extension from Fort St. James to Dease Lake is currently under construction and should be completed late in 1978. Using the proposed Raspberry Pass route to Schaft Creek and existing roads the distance to the railway would be 145 kilometers.

PHYSIOGRAPHY AND CLIMATE

The May Group is bounded by two (2) major physiographic features; the Spectrum Range Plateau on the east, and the Coast Range Mountains on the west. The property falls steeply from elevations of greater than 1500 meters along its eastern boundary to 730 meters in Mess Creek Valley. The southern half of the claim group is characterized by deeply dissected cliffs and talus slopes which grade into hummocky alpine terrain to the east. The entire western edge of the property is covered by the flat swampy flood plane of Mess Creek. The north part of the property is thickly forested from the Mess Creek Valley east to the 1,050 meter elevation. Above 1,050 meters, all along the eastern part of the property, scrub timber and alpine meadows predominate.

In June, July and August, the mean temperature is 13°C. Winter temperatures do not usually drop below -29°C. Total precipitation averages about 50 centimeters per year of which



## PHYSIOGRAPHY AND CLIMATE - Continued

about half falls as snow. These figures are approximate and based on records kept at Schaft Creek over several years.

### SURVEYING

A total of 16 kilometers of Transit Surveying was done to establish baseline control for line cutting and to tie in the legal corner posts and previous drill holes. This work was done by Kelly Sinclair and Bruce Underhill (BCLS) of Underhill and Underhill Professional Engineers - Dominion and B.C. Land Surveyors. Utah Mines Ltd. provided a power saw man and chain man for this work. The field work was done from June 1st to June 30th, 1977. Data from this work is plotted on plates 2 through 9. All survey lines were cut out to a width of one meter and permanent hubs established on the ground.

### LINE CUTTING

A total of 81.6 kilometers of lines were cut out and 8.9 kilometers of tie-lines were put in during the period from June 10th to July 31st, 1977. The work was done by D.K. Bragg with one assistant. Lines were put in at 120 meter intervals and pickets were established every 60 meters. Starting points were tied to topographic features on the orthophoto base maps. Lines were cut out with axes and well flagged and blazed. The index map, plate 1 and plates 2 through 9 show the locations of these lines.

## GEOCHEMISTRY

A total of 1056 soil samples were collected during the period from July 1st to July 31st, 1977. This work was done by D.K. Bragg and R. Graham under the supervision of the writer. Approximately 1056 samples were collected at picket stations on the line cutting grid. They were obtained from the "B" horizon where possible using a shovel and were stored in Kraft paper bags. The "B" horizon was generally encountered between 10 and 50 centimeters below the surface. Samples were shipped to Chemex Labs and the -80 mesh fraction was analyzed by routine atomic absorption methods for copper, molybdenum and silver.

Statistical evaluation of the results for these samples and those gathered in previous work on the property give the threshold and anomalous levels for copper and molybdenum. Silver was determined by inspection.

	<u>Threshold</u>	<u>Anomalous</u>
Copper	90 ppm	160 ppm
Molybdenum	5 ppm	10 ppm
Silver	.8 ppm	1 ppm

## COMMENTS

Copper and molybdenum values show a strong positive correlation which reflects the observations made from surface exposures. Changes from background to highly anomalous are generally very abrupt along lines. Copper-molybdenum anomalies

COMMENTS - Continued

trend north-south parallel to syenitic dike swarms which have intruded Triassic volcanic country rocks. Data is incomplete but a spotty silver anomaly appears to be developing in the area east of Loon Lake.

WORK SUMMARY

A twenty man base camp was established at Loon Lake during the last week in May. Personell and equipment were mobilized out of Vancouver on May 19th and the equipment was flown in from Iskut to Schaft Creek by DC-3 aircraft, a distance of 100 kilometers. From Schaft Creek the equipment was moved by helicopter to the base camp on Loon Lake a distance of 10 kilometers. The camp was supplied out of Terrace by bi-weekly sched flights to Schaft Creek and from there by helicopter to the camp. Because of the size of the property and the terrain a helicopter was required to put out and pick up crews for most of the work. This was provided by a contract 47G3-B1 from Vancouver Island Helicopter Company. Surveying, line cutting and soil geochemistry work covered in this report was done as part of the total program on the May Group between June 1st and July 31st, 1977. The table below summarizes this work.

Surveying	16 kilometers
Line Cutting	81.6 kilometers
Soil Sampling	63.4 kilometers (1056 samples)

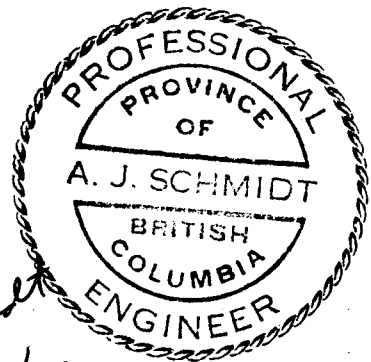
CONCLUSIONS

Large though somewhat spotty anomalies in copper and molybdenum occur east of Loon Lake and present a target which appears to warrant further work. Smaller anomalies are scattered over the work area but are probably of lesser interest.

*G.A. Clouthier*

G.A. Clouthier  
Geologist

GAC:edb



*A. Schmidt*  
*Sept. 22/77*

APPENDIX I  
STATEMENT OF COSTS

STATEMENT OF COSTS

SURVEYING

Underhill & Underhill Invoices	\$ 5,837.40	
	930.00	
Wages		
John Gonzalez (Faller)		
30 days @ \$42.15/day	1,269.00	
Brett Lovell (Chain man)		
30 days @ \$30.76/day	923.00	
Paul Garosino (Chain man)		
4 days @ \$28.75/day	115.00	
Camp Costs 102 days @ \$22.00/day	2,244.00	
Helicopter 30 hours @ \$180.00/hour	<u>5,400.00</u>	
TOTAL	\$16,718.40	\$16,718.40

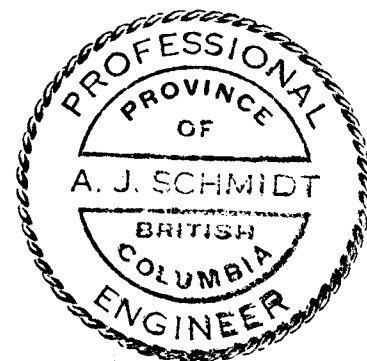
LINE CUTTING

D.K. Bragg Invoices	6,084.00	
Camp Costs 84 days @ \$22.00/day	1,848.00	
Helicopter 30 hours @ \$180.00/hour	<u>5,400.00</u>	
TOTAL	\$13,332.00	\$13,332.00

SOIL GEOCHEMISTRY

1056 samples @ \$5.00/sample	5,280.00	
\$1.75 Bragg Invoice		
\$2.60 Analysis		
\$.65 Handling, Drying & Air Freight		
\$5.00 Total		
Camp Costs 20 days @ \$22.00/day	440.00	
Helicopter 10 hours @ \$180.00/hour	<u>1,800.00</u>	
TOTAL	\$ 7,520.00	\$ 7,520.00
<u>SUPERVISION &amp; REPORT PREPARATION</u>	<u>\$ 1,800.00</u>	<u>\$ 1,800.00</u>

GRAND TOTAL                      \$39,370.40                      \$39,370.40





# Underhill & Underhill

Professional Engineers - Dominion & B.C. Land Surveyors

Utah Mines Ltd.,  
1600 - 1050 West Pender Street,  
VANCOUVER, B.C.

Attention : Mr. G. Clouthier

1646 West 7th Avenue  
Vancouver, British Columbia  
V6J 1S5

Telephone (604) 732-3384  
Telex 04-53339

Our File: J-7751 DTS  
Your File:

071 382

30th June, 1977  
INVOICE No. 190

re: BASELINE SURVEYS : MESS CREEK-STIKINE PROJECT

PERIOD: June, 1977

TO: Professional Services:

D.T. Simmons, B.C.L.S. & J.W. Sharpe, B.C.L.S.  
Consultations and project co-ordination  
4 hrs. @ \$35.00

140 00

Wages:

Kelly Sinclair, Party Chief  
265.5 hrs. @ \$20.00

5,310 00

Transportation:

295 40

Disbursements:

Taxi, miscellaneous board

12 00

Electronic Distance Measuring Equipment  
2 days @ \$40.00

80 00

\$5,837.40

UTAH MINES LTD. --- EXPLORATION DEPT.					
DISTRIBUTION					
Location	Major	Minor	Act.	Exp.	Amount
00		A1750	0510		5837.40
00		0	0	0	
00		0	0	0	
00		0	0	0	
00		0	0	0	
Date Received		Invoice Amount		5837.40	
Ext. & Prices		Discount			
Approved by		Amount Payable			
		Check No.			

TERMS: NET 30 DAYS 1 1/2% per month interest charged on overdue accounts.



# Underhill & Underhill

Professional Engineers - Dominion & B.C. Land Surveyors

Utah Mines Ltd.,  
1600 - 1050 West Pender Street,  
VANCOUVER, B.C.

Attention : Mr. Gerry Clouthier

1646 West 7th Avenue  
Vancouver, British Columbia  
V6J 1S5

Telephone (604) 732-3384  
Telex 04-53339

Our File: J-7751 JWS  
Your File:

19th July, 1977  
INVOICE No. 201

re: BASELINE SURVEYS : MESS CREEK AREA : STIKINE PROJECT

PERIOD: 1st to 19th July, 1977

TO: Consultations and supervision of computation and assembly of the x, y and z co-ordinates for all traverse and control stations along the baselines.

Professional Services:

J.W. Sharpe, B.C.L.S. 2.0 hrs. @ \$35.00 70 00

Wages:

K. Sinclair 42.5 hrs. @ 20.00 850 00

Disbursements:

Taxi 10 00

\$930 00

UTAH MINES LTD. - EXPLORATION DEPT.					
DISTRIBUTION					
Location	Major	Minor	Act.	Exp.	Amount
00		A 175 0	051 0		930.00
00		0	0	0	
00		0	0	0	
00		0			
00		0			
Date Received			Invoice Amount		930.00
Ext. & Prices			Discount		JUL 20 1977
Approved by			Amount Payable		
			Check		UTAH MINES LTD. EXPLORATION DEPT.

TERMS: NET 30 DAYS 1 1/2% per month interest charged on overdue accounts.



New Vendor

D.K. Bragg  
3567 West 27<sup>th</sup> Ave.  
Vancouver BC  
V6S-1P9  
June 20 1977

In account with:

UTAH MINES LTD.  
Suite 1600 W Pender St.  
Vancouver BC V6E 3S7

To cutting 20 miles of grid line  
at \$120 / mile \$2400.00

OK/AGS  
MAY Group

Ga Cloutier

Please process as soon as possible

MAC

RECEIVED

JUN 27 1977

UTAH MINES LTD.  
EXPLORATION DEPT.

684

INTERIM INVOICE

D.K. Bragg  
3527 West 27<sup>th</sup> Ave  
Vancouver B.C.  
V6S 1P9

July 13, 1977

In Account With.

UTAH MINES LTD.

Suite 1600 W. Pender St.

Vancouver B.C. V6E 3S7

To cutting 38 miles of grid line  
at \$120.00/mile 4560.00

To cutting 5 miles of tie line  
at \$80.00/mile 400.00

To collecting 180 Soil samples  
at \$1.75/sample 315.00

Total 5275.00

Less previous interim Invoice 2400.00

Balance

2875.00

DK SA Cloutier

NEW VENDOR

RECEIVED

Interim Invoice

AUG 5 1977

UTAH MINES LTD.  
EXPLORATION DEPT.

D.K. Breyer  
3527 West 27<sup>th</sup> Ave.  
Vancouver BC  
V6S 1P9

July 31, 1977

In Account with:

UTAH Mines Ltd.

Suite 1600 W. Pender St.,  
Vancouver B.C.

To cutting 50.7 miles of Road Line  
at \$120.00/mile \$ 6084.00

To cutting 5.5 miles of Tie Line  
at \$80.00/mile \$ 440.00

To collecting 1056 soil samples  
at \$1.75/sample \$ 1848.00

Total \$ 8372.00

Less previous interim invoices  
Dated June 20 & July 13. \$ 5275.00

Balance owing \$ 3097.00

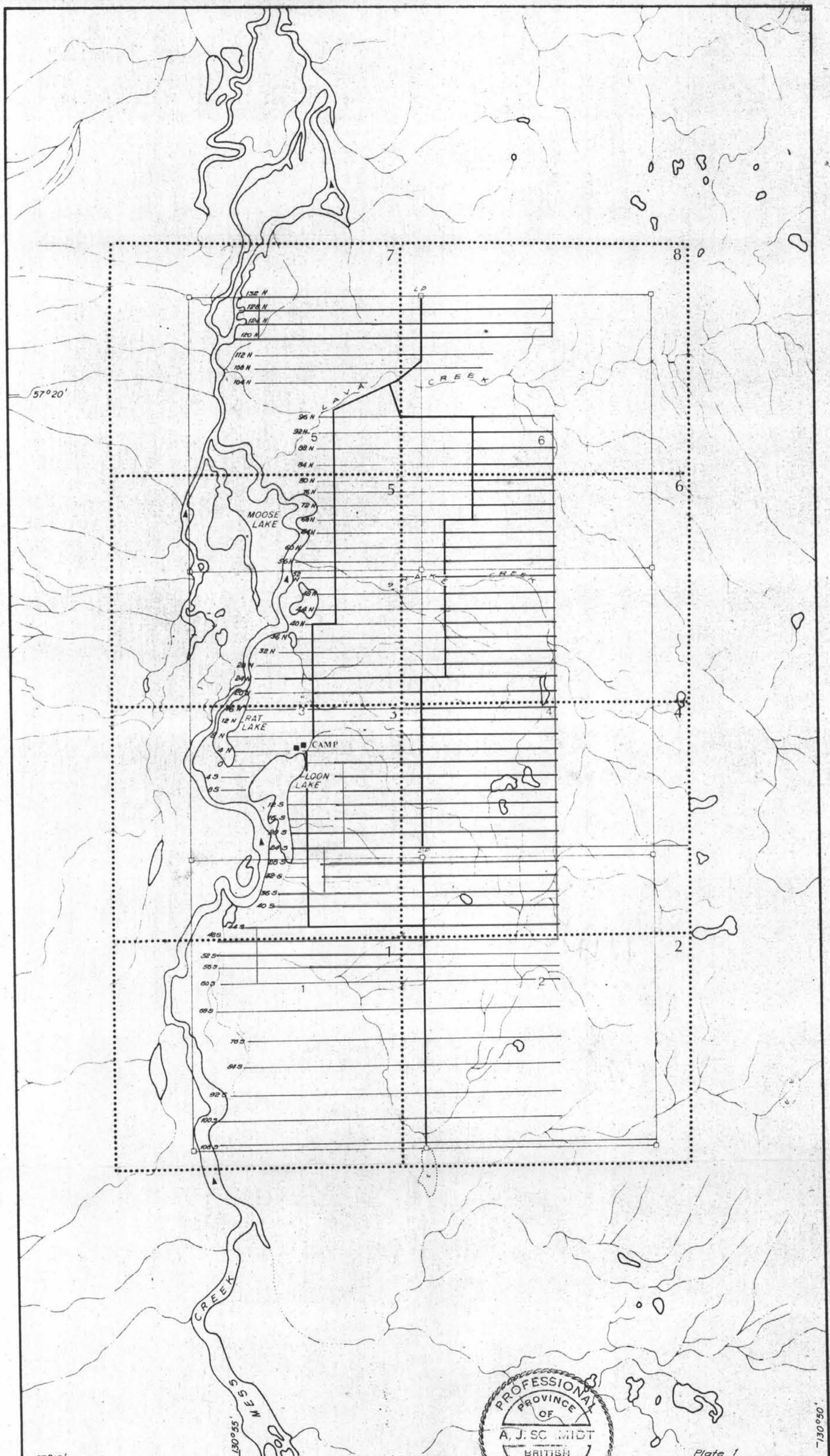
D.K. Breyer

APPENDIX II  
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

G.A. Clouthier, Geologist for Utah Mines Ltd., Vancouver, British Columbia.





Completed BSc (Honors Geology) at the University of British Columbia 1970; employed since graduation by Utah Mines Ltd. under supervision of M.J. Young. The main emphasis of work has been base metal exploration principally with porphyry copper deposits and volcanogenic deposits. Field work has involved regional evaluation and property development work in British Columbia, Alaska, Yukon Territories and the western U.S.A. Supervision responsibilities have included management of camps and exploration crews on both ground and air supported programs involving most phases and types of exploration.



*A. J. Schmidt  
Sept. 22/77*



**LEGEND:**

-  CLAIMS showing legal post and claim number
-  MAP SHEETS (with number)
-  COMPASS LINES (line cutting + soil sampling)
-  SURVEY LINE

6391

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
No. **6391**

**UTAH MINES LTD.**  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**INDEX MAP**

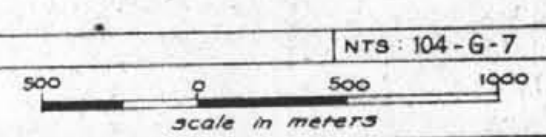
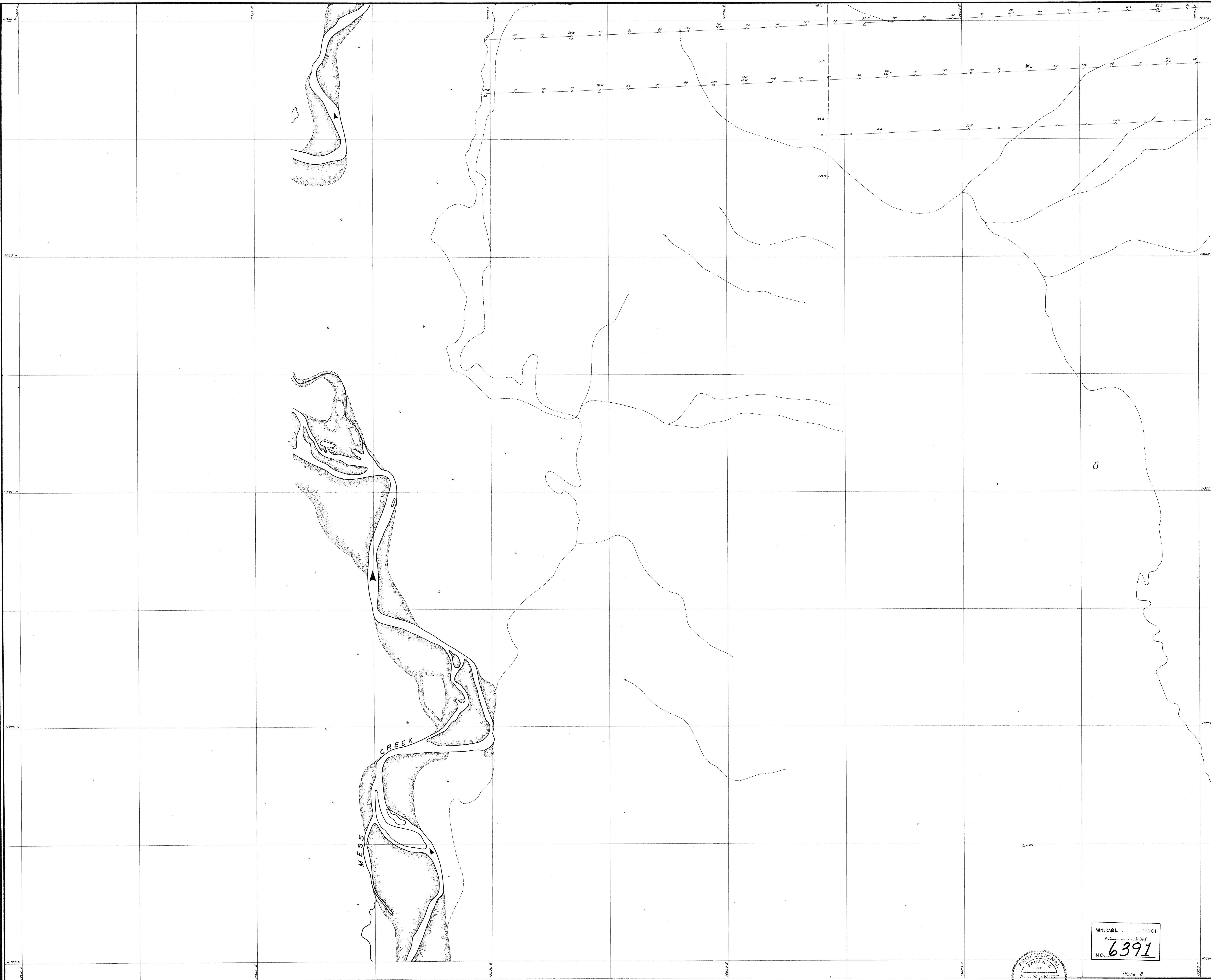


Plate 1



- SYMBOLS**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
- DDH-MC-5 DIAMOND DRILL HOLE with total depth Azimuth and inclination

- LEGEND :**
- BACKGROUND < 90 ppm
  - POSSIBLY ANOMALOUS ≥ 30 < 100 ppm
  - PROBABLY ANOMALOUS ≥ 150 ppm

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5	6
3	4
	2

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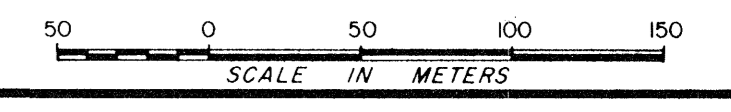


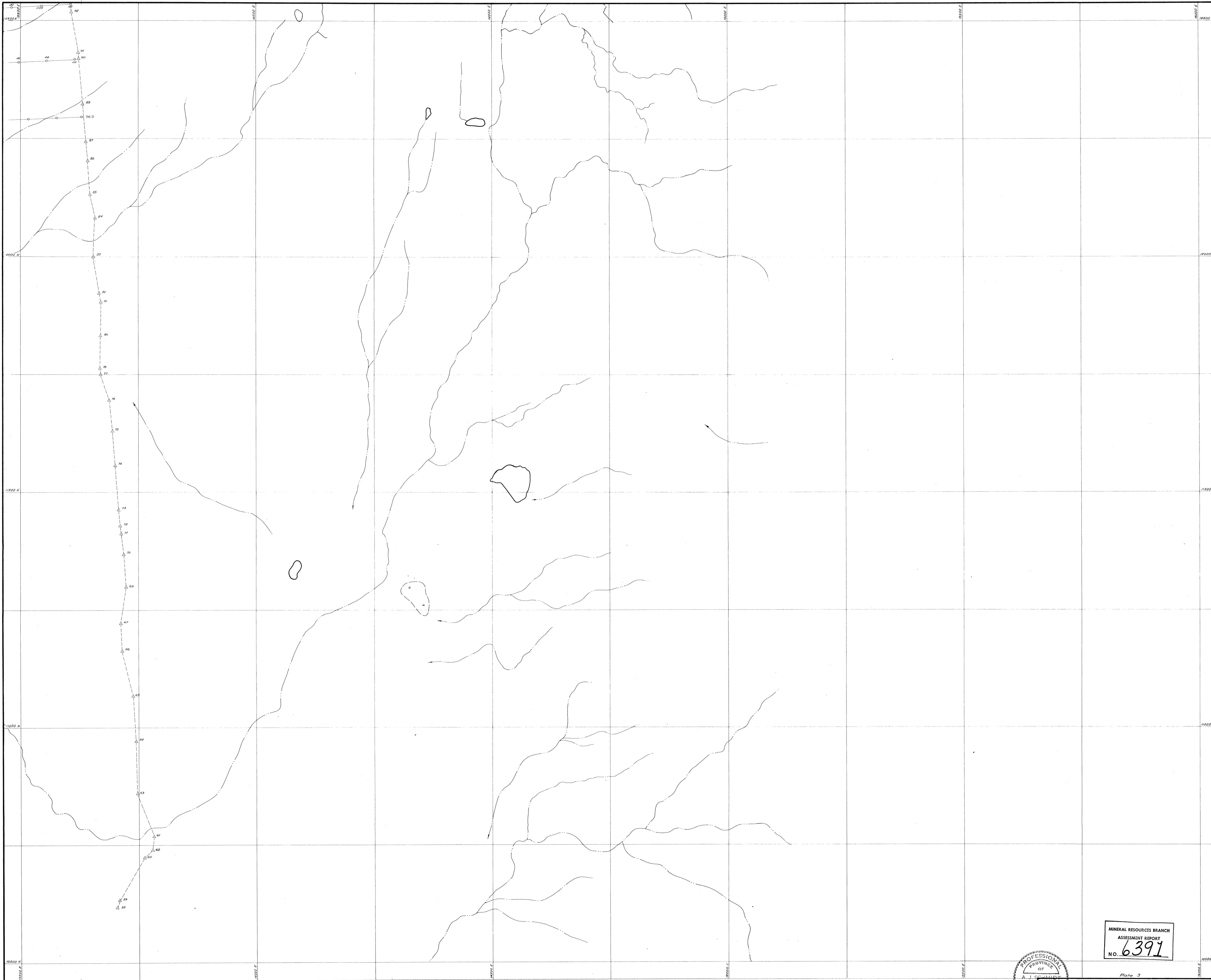
MINERAL SURVEY NO. 6391

UTAH MINES LTD. EXPLORATION DEPARTMENT VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**COPPER**

Work by: *C. Danvers* Date: *Sept 2/77* NTS Ref. 104-G-7  
 Drawn by: *C. Danvers* Revised: \_\_\_\_\_





- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPOINT
  - CUT LINES WITH LINE AND STATION DESIGNATED

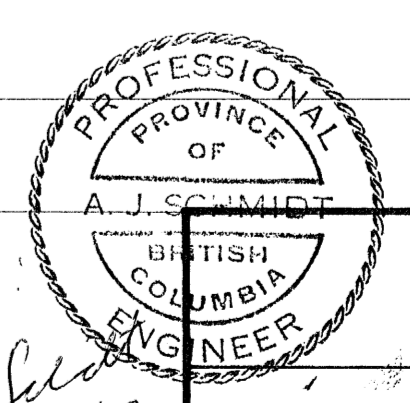
- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
- DDH-MC-5 DIAMOND DRILL HOLE with total depth, azimuth and inclination

- LEGEND :**
- BACKGROUND < 300 ppm
  - POSSIBLY ANOMALOUS > 300 < 1500 ppm
  - PROBABLY ANOMALOUS > 1500 ppm

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1	2

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MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 6391

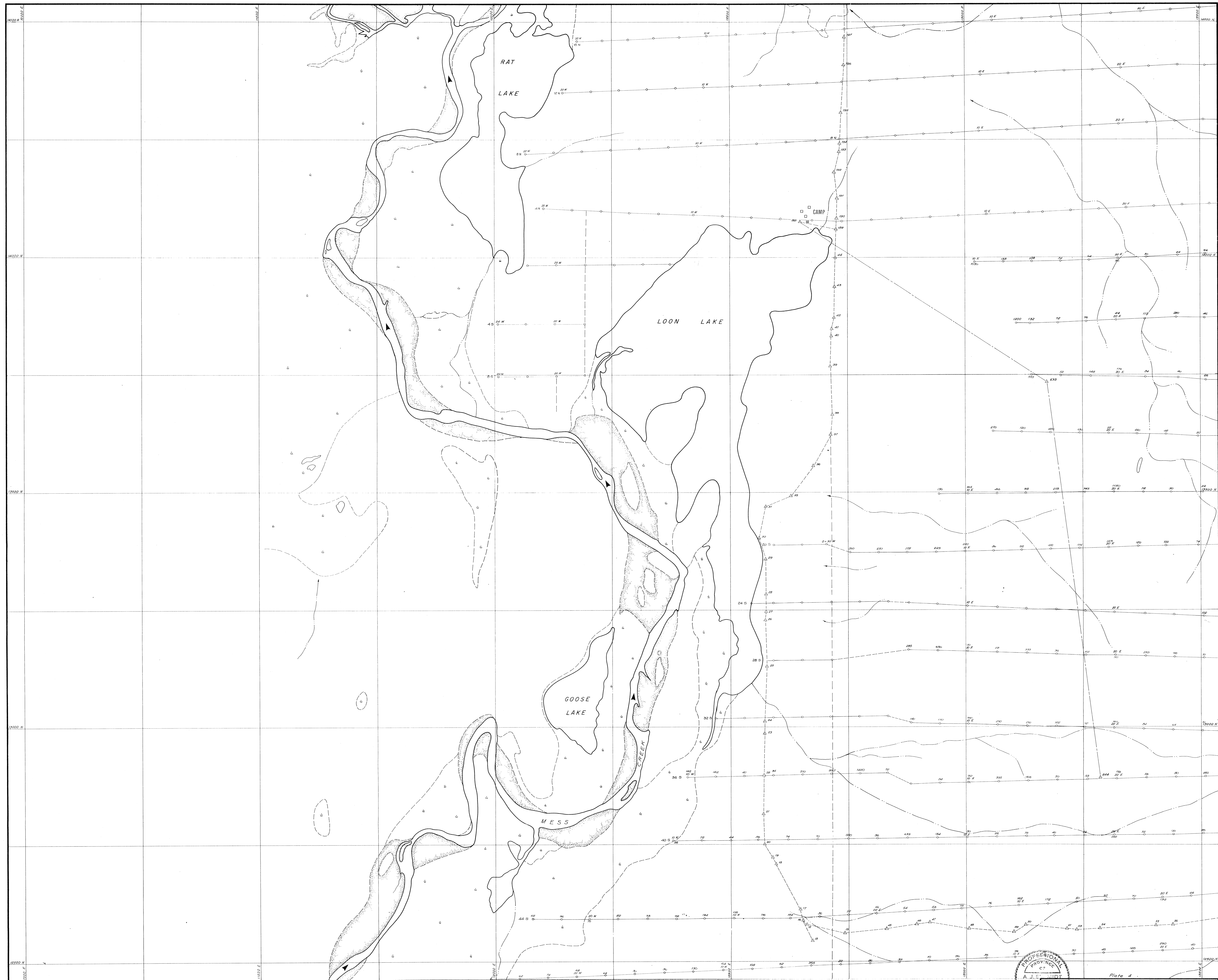
UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY  
SOIL GEOCHEMISTRY  
COPPER**

Work by: \_\_\_\_\_ Date: \_\_\_\_\_ NTS Ref: 104-G-7  
Drawn by: C. Deneva Revised: \_\_\_\_\_

Scale: 1:50,000  
SCALE IN METERS





- SYMBOLS:**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
- DIAMOND DRILL HOLE with total depth Azimuth and Inclination

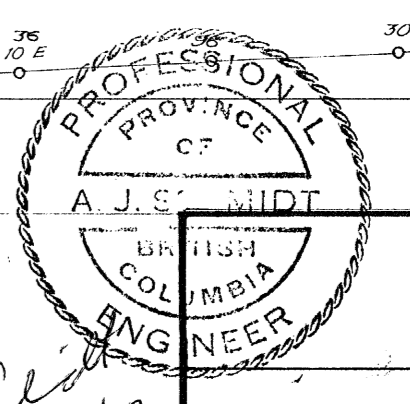
- LEGEND:**
- BACKGROUND
  - POSSIBLY ANOMALOUS
  - PROBABLY ANOMALOUS

< 30 ppm  
 ≥ 30 < 100 ppm  
 ≥ 100 ppm

INDEX

7	8
5	6
3	4
1	2

6391



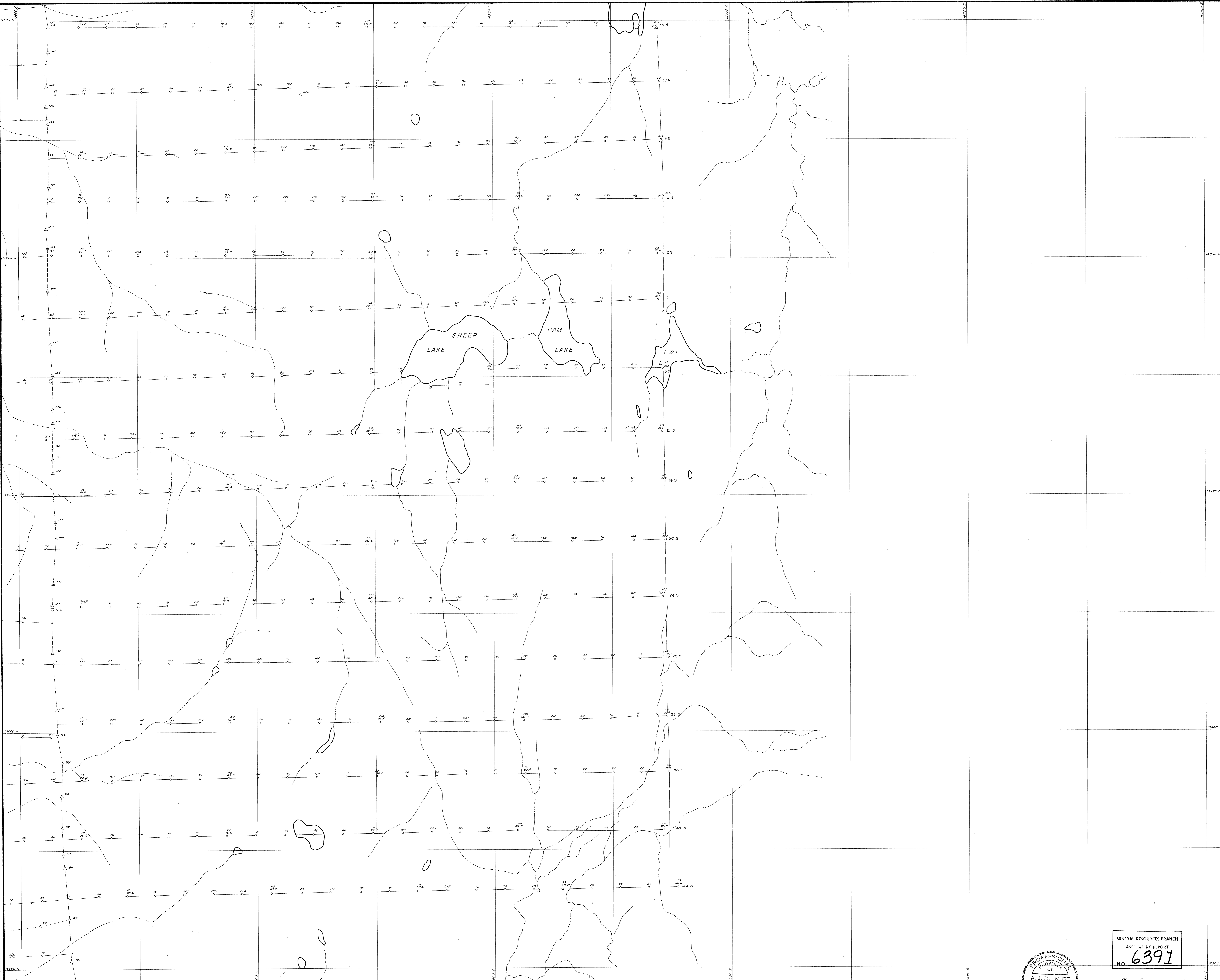
UTAH MINES LTD.  
 EXPLORATION DEPARTMENT  
 VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**COPPER**

MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
 No. 6391

Work by: C. Dinmore  
 Date: \_\_\_\_\_  
 Drawn by: C. Dinmore  
 Revised: \_\_\_\_\_  
 NTS Ref: 104-G-7

SCALE IN METERS  
 0 50 100 150



**SYMBOLS :**

- CREEKS WIDTHS DEFINED
- CREEKS WIDTHS UNDERINED, INTERMITTENT
- SWAMPS
- GRAVEL BARS
- LAKES
- BASE CAMP
- HELIPORT
- CUT LINES WITH LINE AND STATION DESIGNATED
- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with description)
- DIAMOND DRILL HOLE with depth Azimuth and inclination

**LEGEND :**

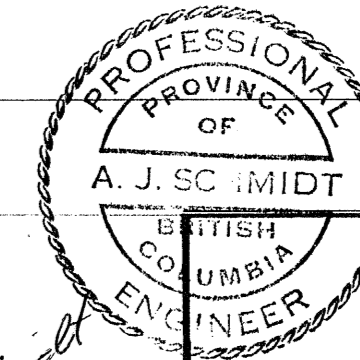
- BACKGROUND < 50 ppm
- POSSIBLY ANOMALOUS > 50 < 100 ppm
- PROBABLY ANOMALOUS > 100 ppm

**INDEX**

7	8
5	6
3	1
1	2

6391

*A. J. Schmidt  
Sept 24/77*

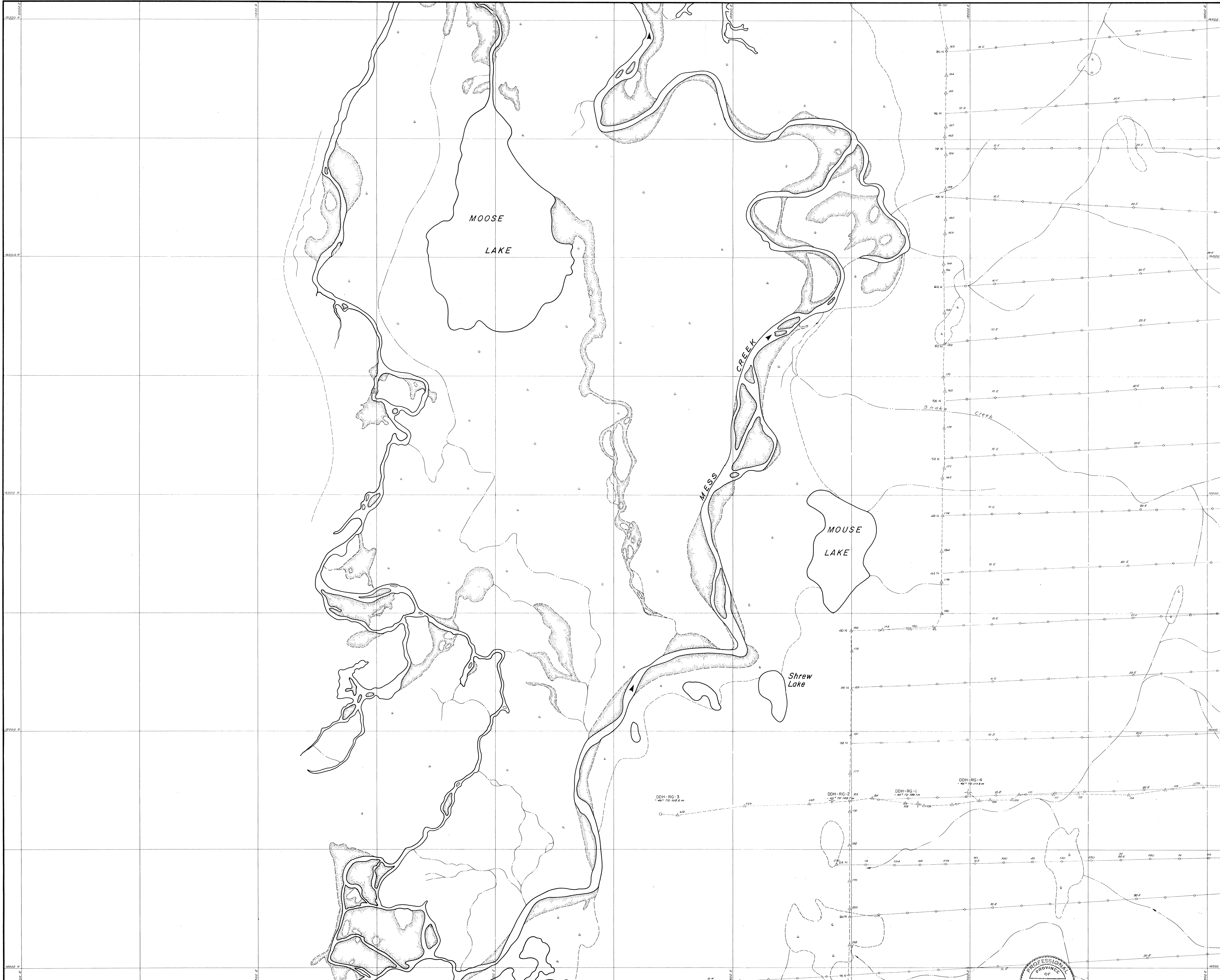


MINERAL RESOURCES BRANCH  
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No. **6391**

Plate 5  
**UTAH MINES LTD.**  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY  
SOIL GEOCHEMISTRY  
COPPER**

Work by: *C. Thompson* Date: \_\_\_\_\_ NTS Ref: 104-G-7  
Drawn by: \_\_\_\_\_ Revised: \_\_\_\_\_  
SCALE IN METERS  
0 50 100 150



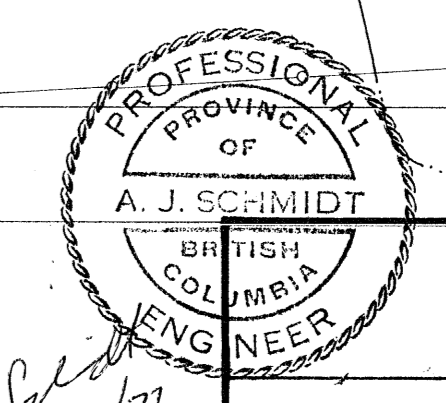
- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED
- LEGEND :**
- BACKGROUND
  - POSSIBLY ANOMALOUS
  - PROBABLY ANOMALOUS
- BASE LINE**
- CLAIM BOUNDARY**  
(Surveyed and Unserved with good description)
- DDH-MC-5** DIAMOND DRILL HOLE with  
Core depth, Azimuth and inclination
- Sample Location and value in ppm.**

- < 90 ppm
- ≥ 90 < 150 ppm
- ≥ 150 ppm

**INDEX**

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5	6
3	4
1	2

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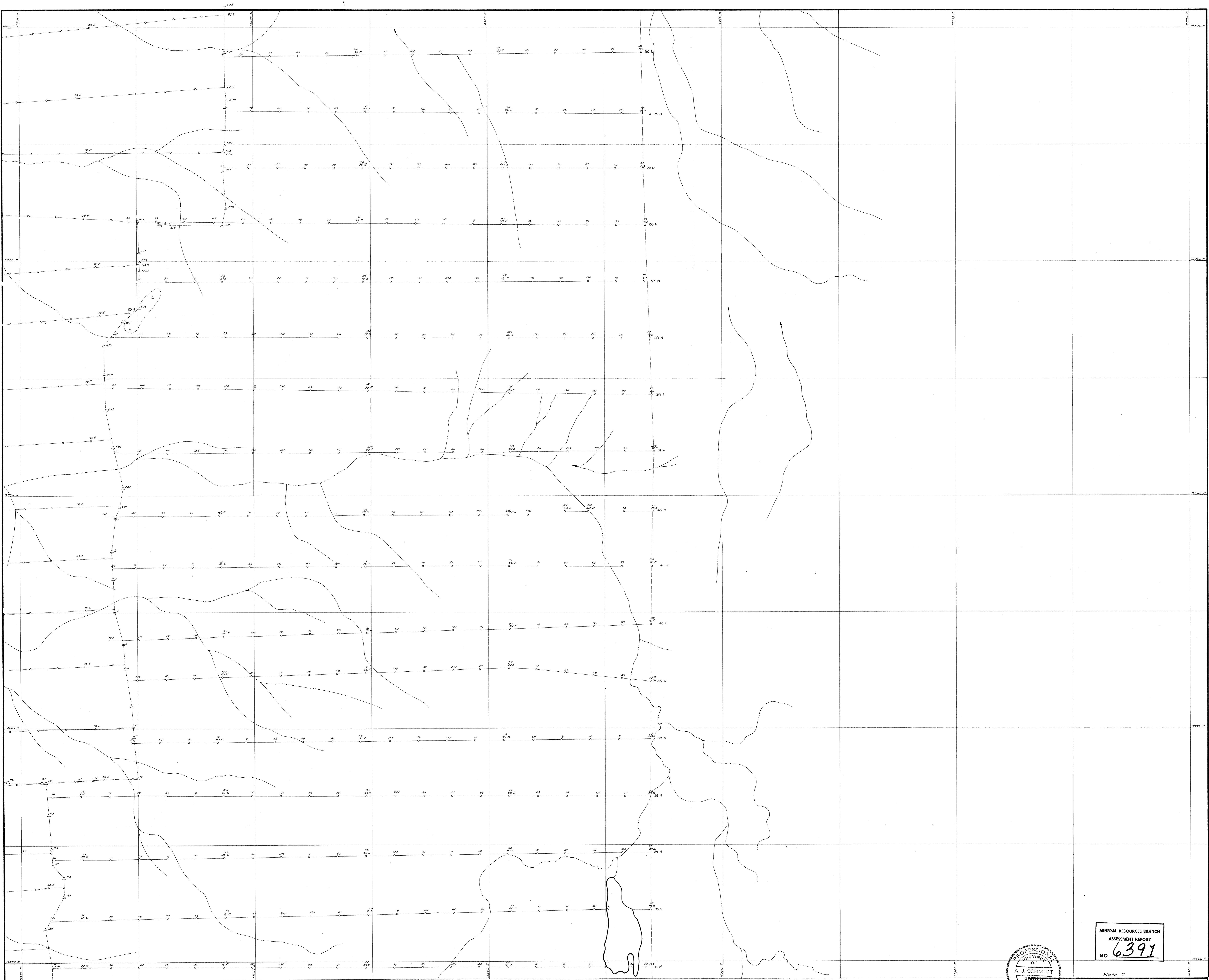
UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY  
SOIL GEOCHEMISTRY  
COPPER**

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 6391

Work by	Date	NTS Ref
Drawn by C. Davern	Revised	104-G-7

SCALE IN METERS



- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPOINT
  - CUT LINES WITH LINE AND STATION DESIGNATED
  - BASE LINE
  - CLAIM BOUNDARY (Surveyed and Unsurveyed with Post Description)
  - DIAMOND DRILL HOLE WITH Total Depth, Azimuth and Inclination

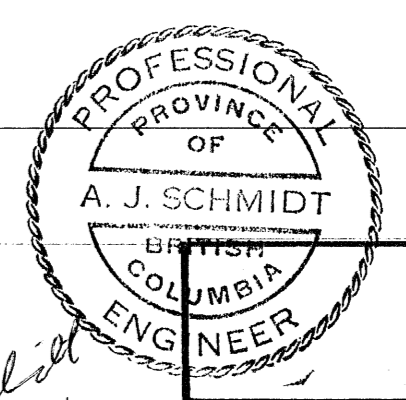
- LEGEND :**
- BACKGROUND < 90 ppm
  - POSSIBLY ANOMALOUS > 90 < 160 ppm
  - PROBABLY ANOMALOUS > 160 ppm

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*A. Schmidt  
Sept 2/77*

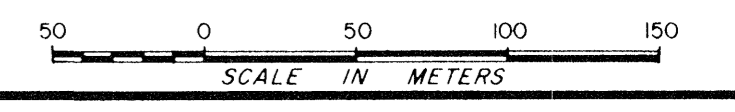


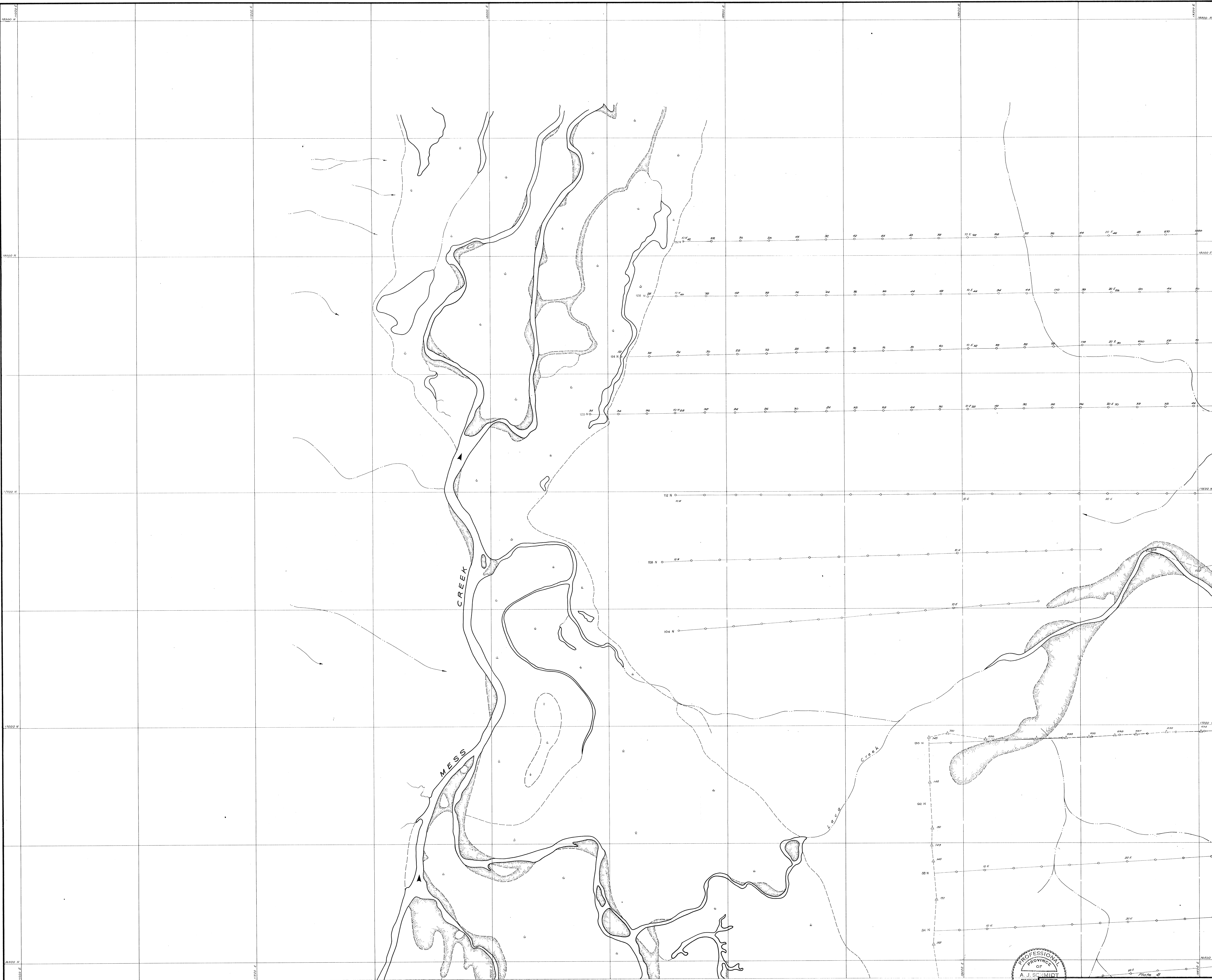
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. **6391**

UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

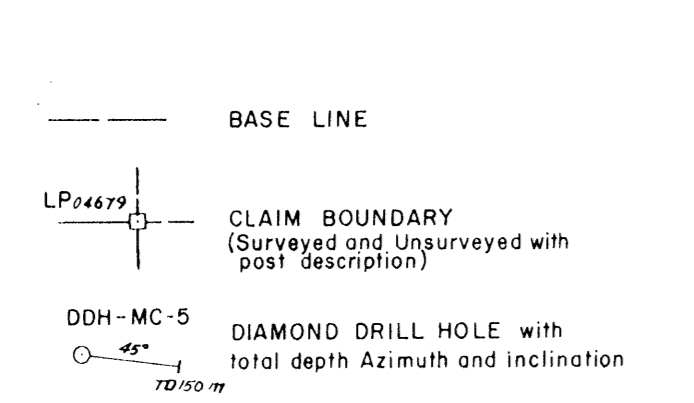
**MAY PROPERTY  
SOIL GEOCHEMISTRY  
COPPER**

Work by: C. Danvers Date: NTS Ref. 104-G-7  
Drawn by: C. Danvers Revised:





- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED



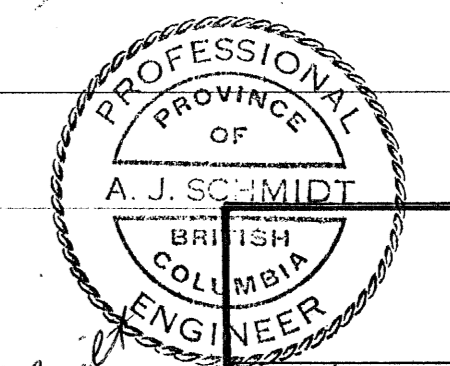
- BACKGROUND < 30 ppm
- POSSIBLY ANOMALOUS > 30 < 100 ppm
- PROBABLY ANOMALOUS > 100 ppm

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MINERAL RESOURCES BRANCH  
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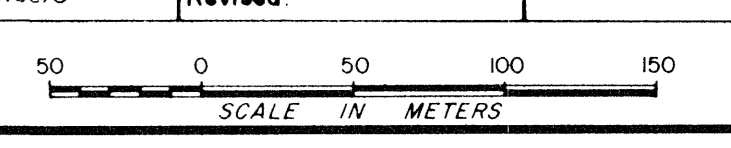


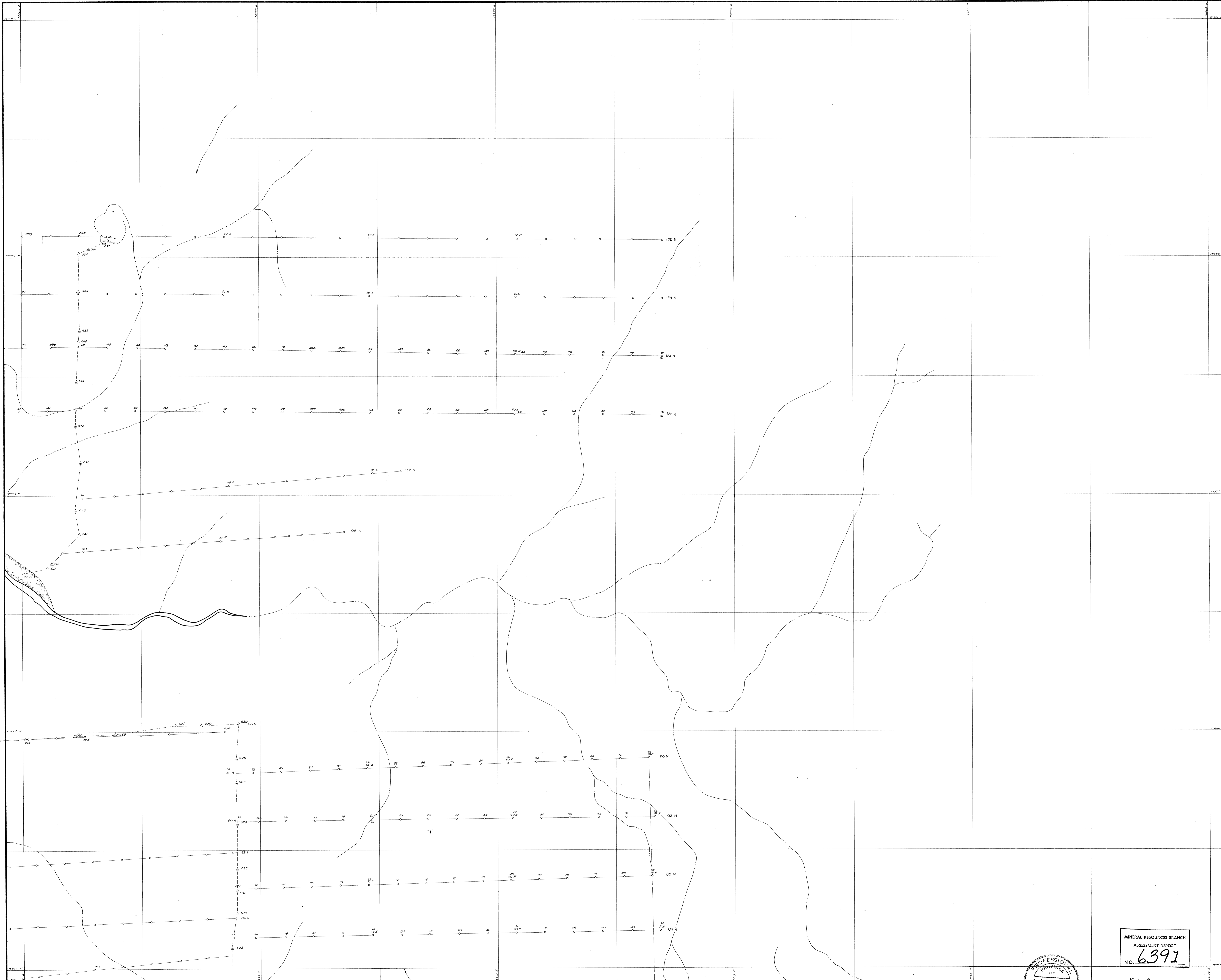
*A. Schmidt*  
Sept 27/77

UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**COPPER**

Work by: C. O'Brien Date: \_\_\_\_\_ NTS Ref: 104-G-7  
Drawn by: \_\_\_\_\_ Revised: \_\_\_\_\_





- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

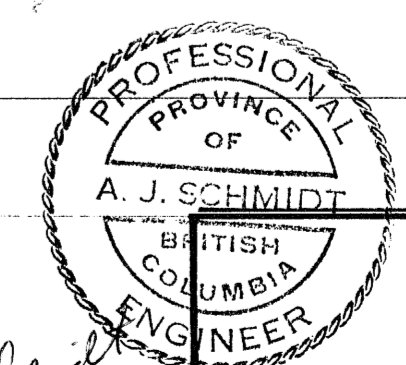
- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with part description)
- DDH-MC-S DIAMOND DRILL HOLE with total depth, azimuth and inclination

- LEGEND :**
- BACKGROUND < 30 ppm
  - POSSIBLY ANOMALOUS > 30 < 100 ppm
  - PROBABLY ANOMALOUS > 100 ppm

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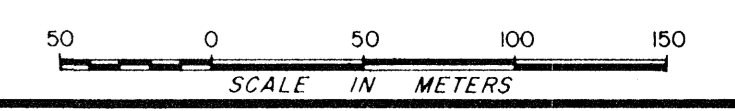


MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
No. 6391

UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

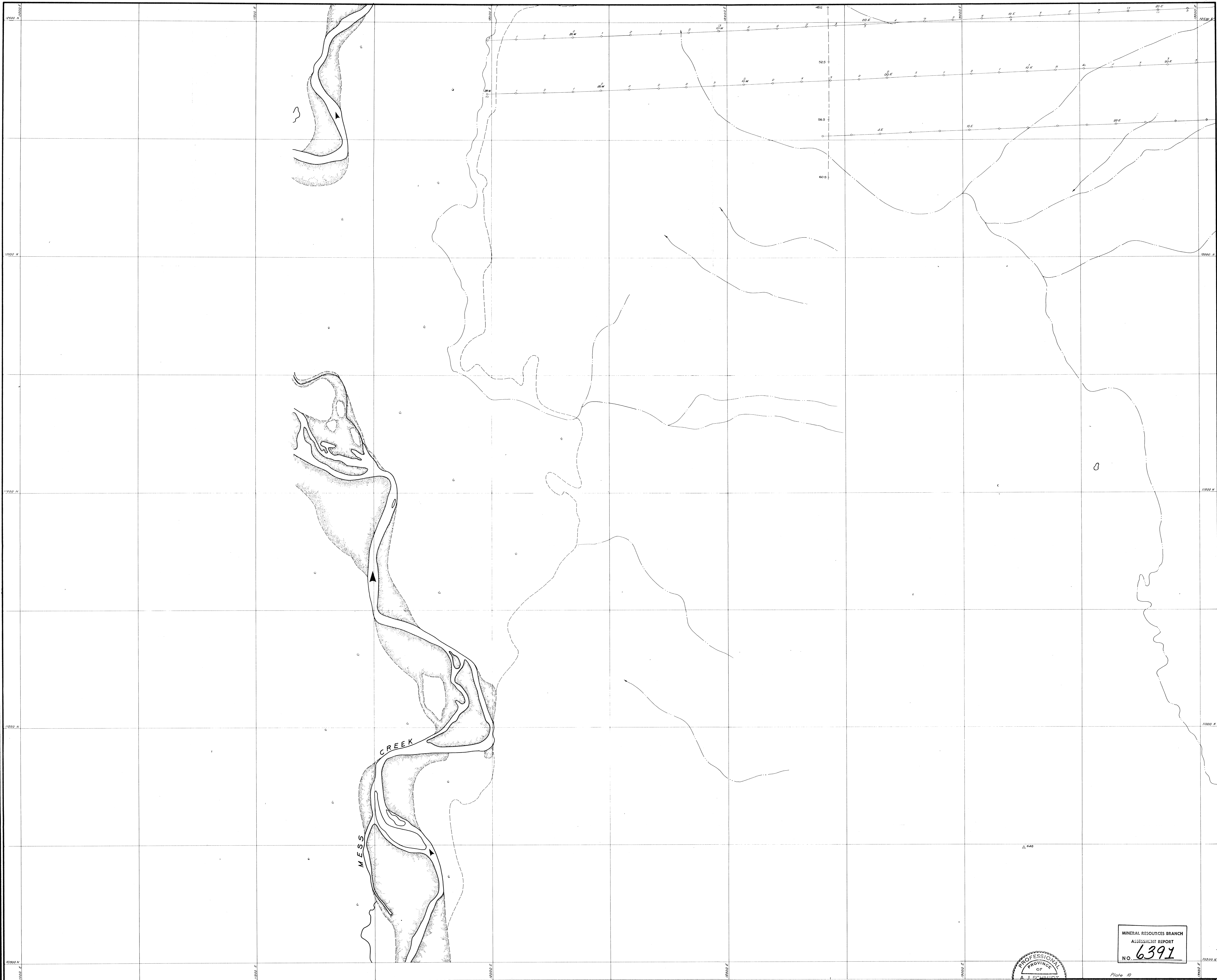
**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**COPPER**

Work by: C. Donner Date: NTS Ref: 104-G-7  
Drawn by: Revised:



*As of Sept. 27/77*

Plate 9



- SYMBOLS**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with point description)
- DDH-MC-S DIAMOND DRILL HOLE with total depth, Azimuth and inclination

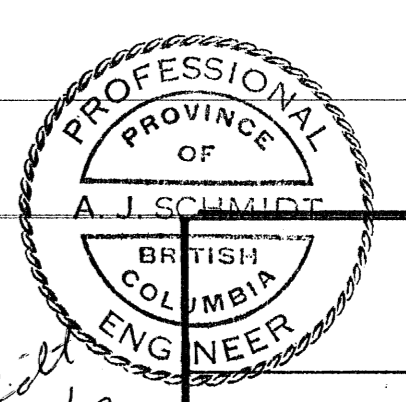
- LEGEND :**
- BACKGROUND
  - POSSIBLY ANOMALOUS
  - PROBABLY ANOMALOUS

< 10 ppm  
 ≥ 10 < 15 ppm  
 ≥ 15 ppm

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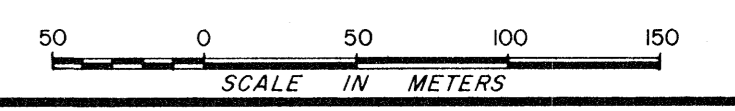


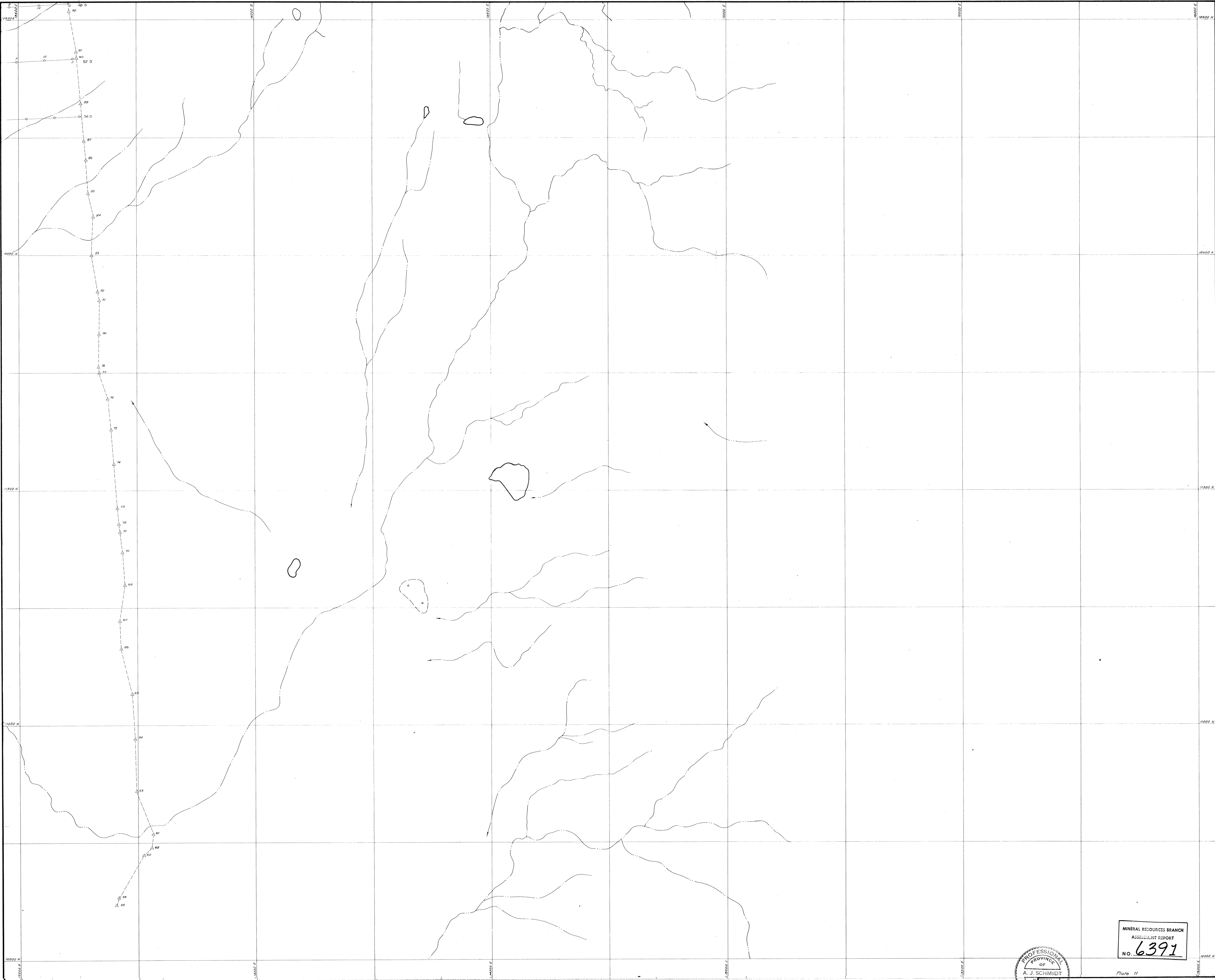
MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
 NO. 6391

UTAH MINES LTD.  
 EXPLORATION DEPARTMENT  
 VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
 SOIL GEOCHEMISTRY  
 MOLYBDENUM

Work by: C. Danvers Date: NTS Ref: 104-G-7  
 Drawn by: C. Danvers Revised:





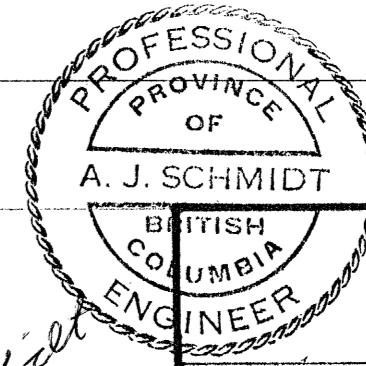
- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED
- LEGEND :**
- BACKGROUND < 10 ppm
  - POSSIBLY ANOMALOUS ≥ 10 < 15 ppm
  - PROBABLY ANOMALOUS ≥ 15 ppm
- BASE LINE**
- CLAIM BOUNDARY**  
(Surveyed and Unsurveyed with post description)
- DDH-MC-5**  
DIAMOND DRILL HOLE with total depth, Azimuth and inclination

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*A. J. Schmidt*  
Sept. 27/77



MINERAL RESOURCES BRANCH  
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Plate 11

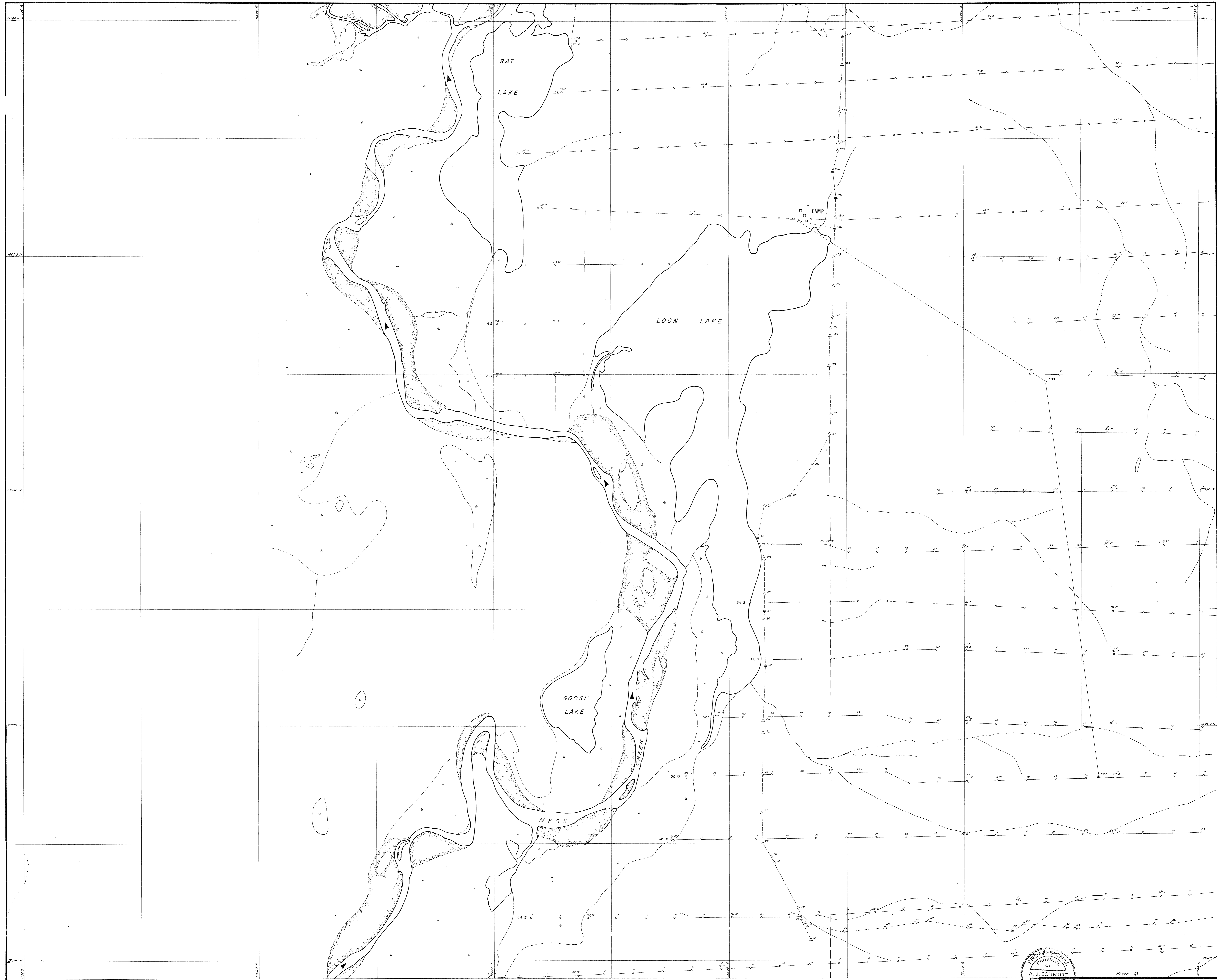
**UTAH MINES LTD.**  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**MOLYBDENUM**

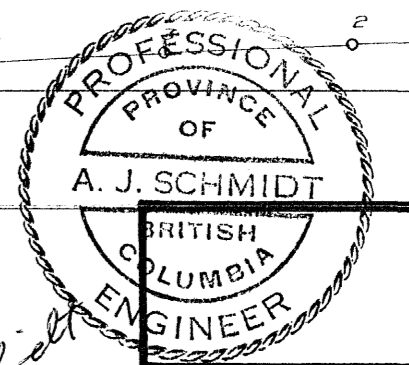
Work by: C. Omerle Date: \_\_\_\_\_  
Drawn by: C. Omerle Revised: \_\_\_\_\_ NTS Ref: 104-G-7

0 50 100 150  
SCALE IN METERS





- SYMBOLS:**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED
- LEGEND:**
- BASE LINE
  - CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
  - DIAMOND DRILL HOLE with total depth Azimuth and Inclination
  - BACKGROUND
  - POSSIBLY ANOMALOUS
  - PROBABLY ANOMALOUS
- INDEX**
- |   |   |
|---|---|
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| 5 | 6 |
| 3 | 4 |
| 1 | 2 |
- MOBILITY**
- $< 10 \text{ ppm}$
  - $\geq 10 < 15 \text{ ppm}$
  - $\geq 15 \text{ ppm}$



**6391**

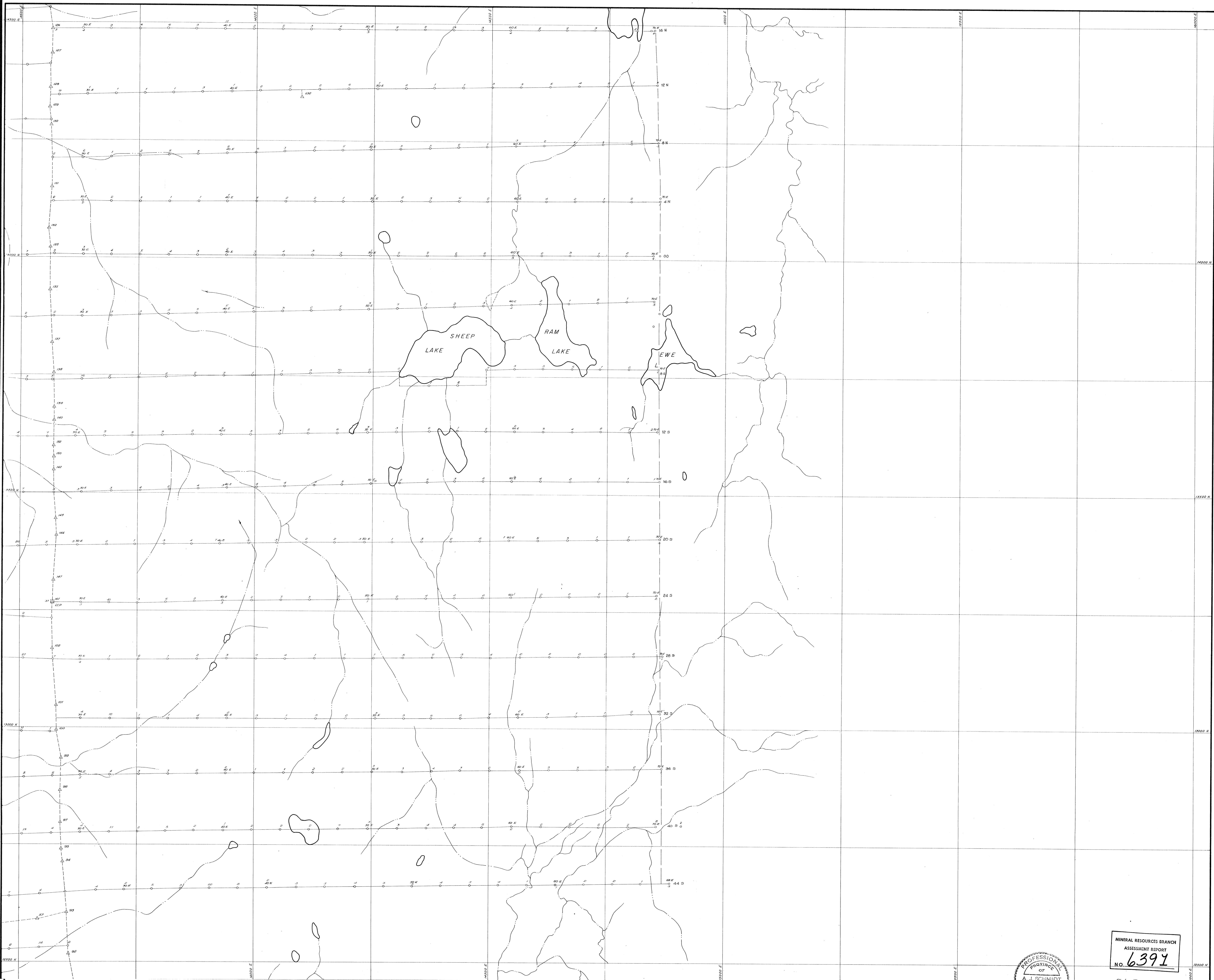
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 6391

UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**MOLYBDENUM**

Work by: C. Danvers Date: NTS Ref: 104-G-7  
Drawn by: C. Danvers Revised:

SCALE IN METERS

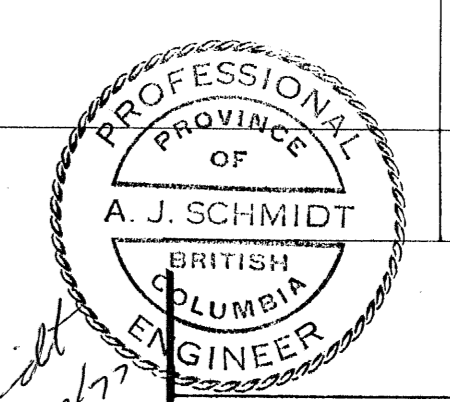


- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDERLINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED
- LEGEND :**
- BACKGROUND < 10 ppm
  - POSSIBLY ANOMALOUS ≥ 10 < 15 ppm
  - PROBABLY ANOMALOUS ≥ 15 ppm
- BASE LINE**
- CLAIM BOUNDARY**  
(Surveyed and Unsurveyed with post description)
- DDH-MC-5**  
DIAMOND DRILL HOLE with total depth, Azimuth and inclination

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*A. Schmidt  
Sept 27/77*

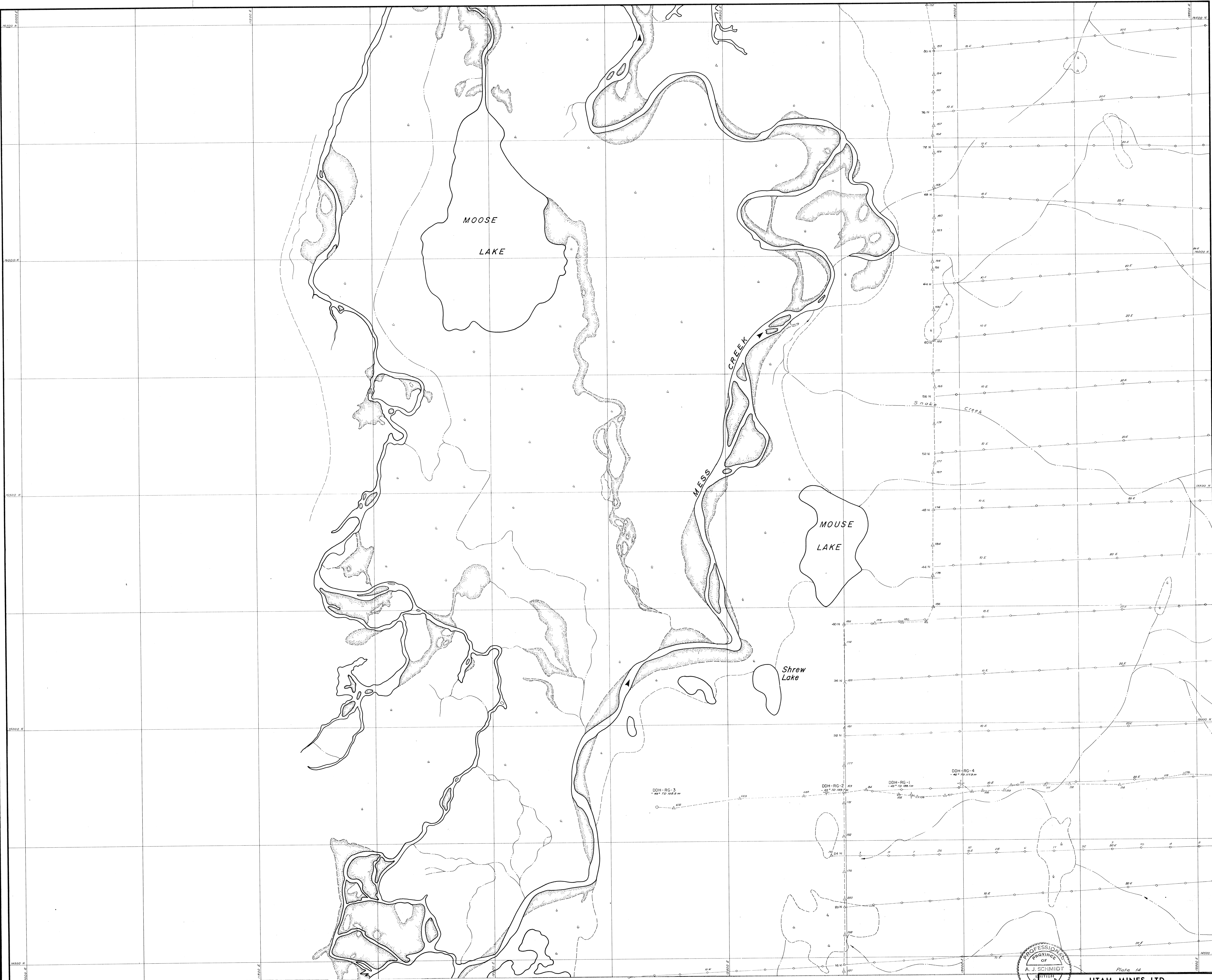
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
No. 6391

UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**MOLYBDENUM**

Work by: \_\_\_\_\_ Date: \_\_\_\_\_  
Drawn by: C. Danovane Revised: \_\_\_\_\_ NTS Ref. 104-G-7

SCALE IN METERS



- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPOINT
  - CUT LINES WITH LINE AND STATION DESIGNATED
- LEGEND :**
- BACKGROUND < 10 ppm
  - POSSIBLY ANOMALOUS ≥ 10 < 15 ppm
  - PROBABLY ANOMALOUS ≥ 15 ppm
- BASE LINE**
- CLAIM BOUNDARY**  
(Surveyed and Unserved with post description)
- DDH-MC-5**  
DIAMOND DRILL HOLE with total depth Azimuth and inclination
- SAMPLE LOCATION and value in ppm.**

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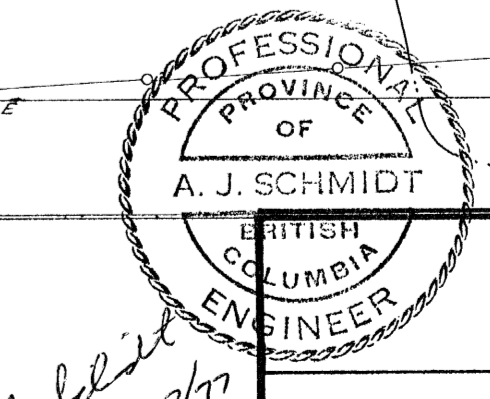


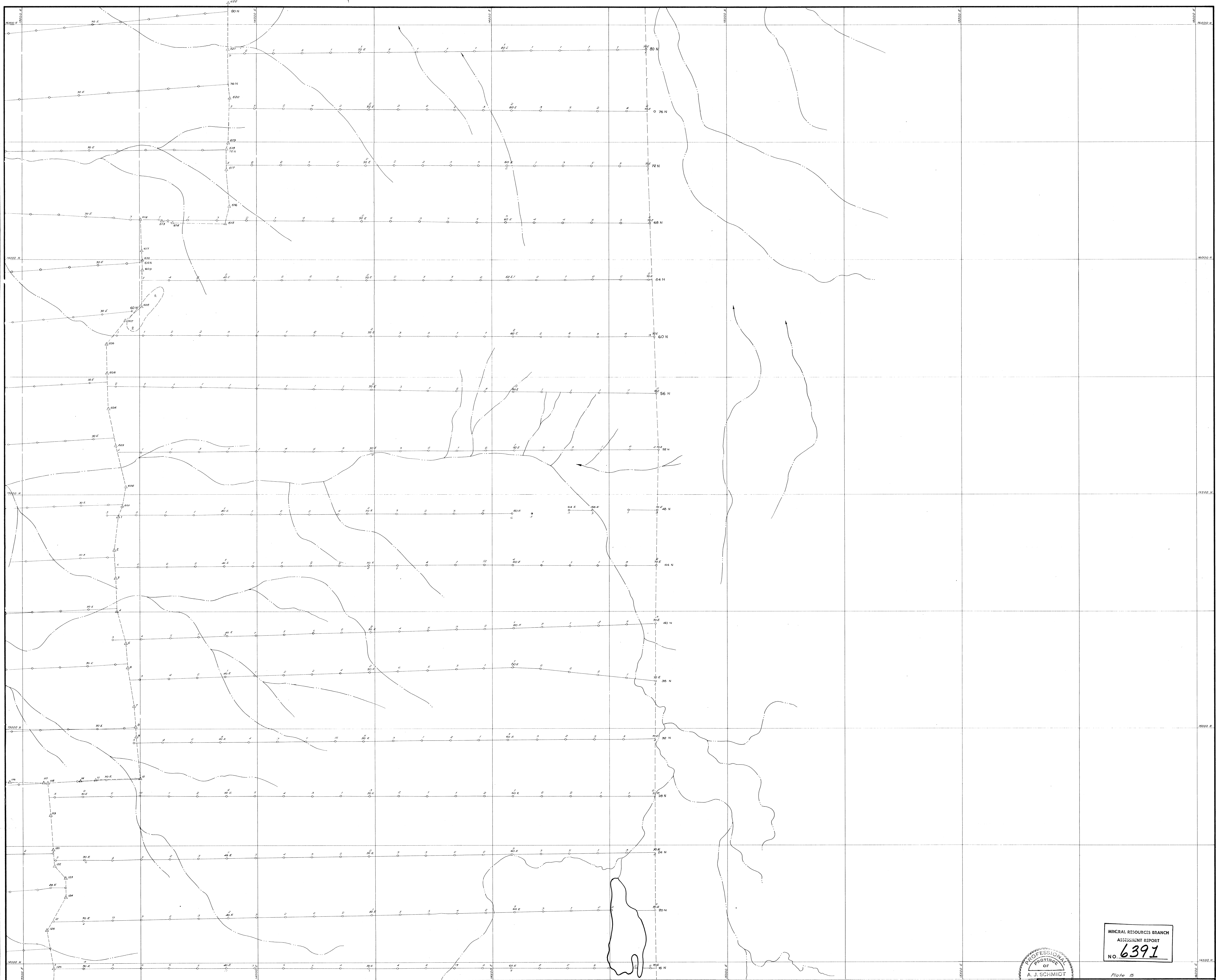
Plate 14

**UTAH MINES LTD.**  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**MOLYBDENUM**

Work by: C. Dornow Date: NTS Ref. 104-G-7  
Drawn by: C. Dornow Revised:

0 50 100 150  
SCALE IN METERS



- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

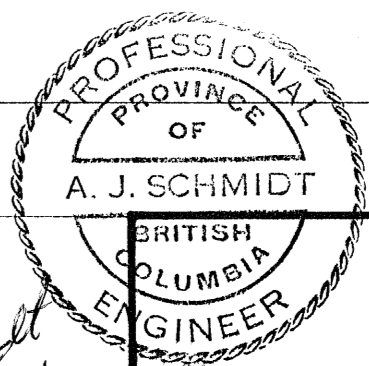
- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
- DDH - MC-5 DIAMOND DRILL HOLE with total depth Azimuth and inclination

- LEGEND :**
- BACKGROUND < 10 ppm
  - POSSIBLY ANOMALOUS ≥ 10 < 15 ppm
  - PROBABLY ANOMALOUS ≥ 15 ppm

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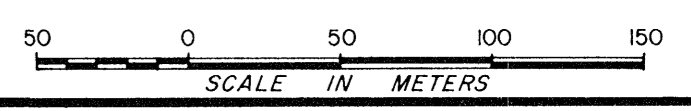


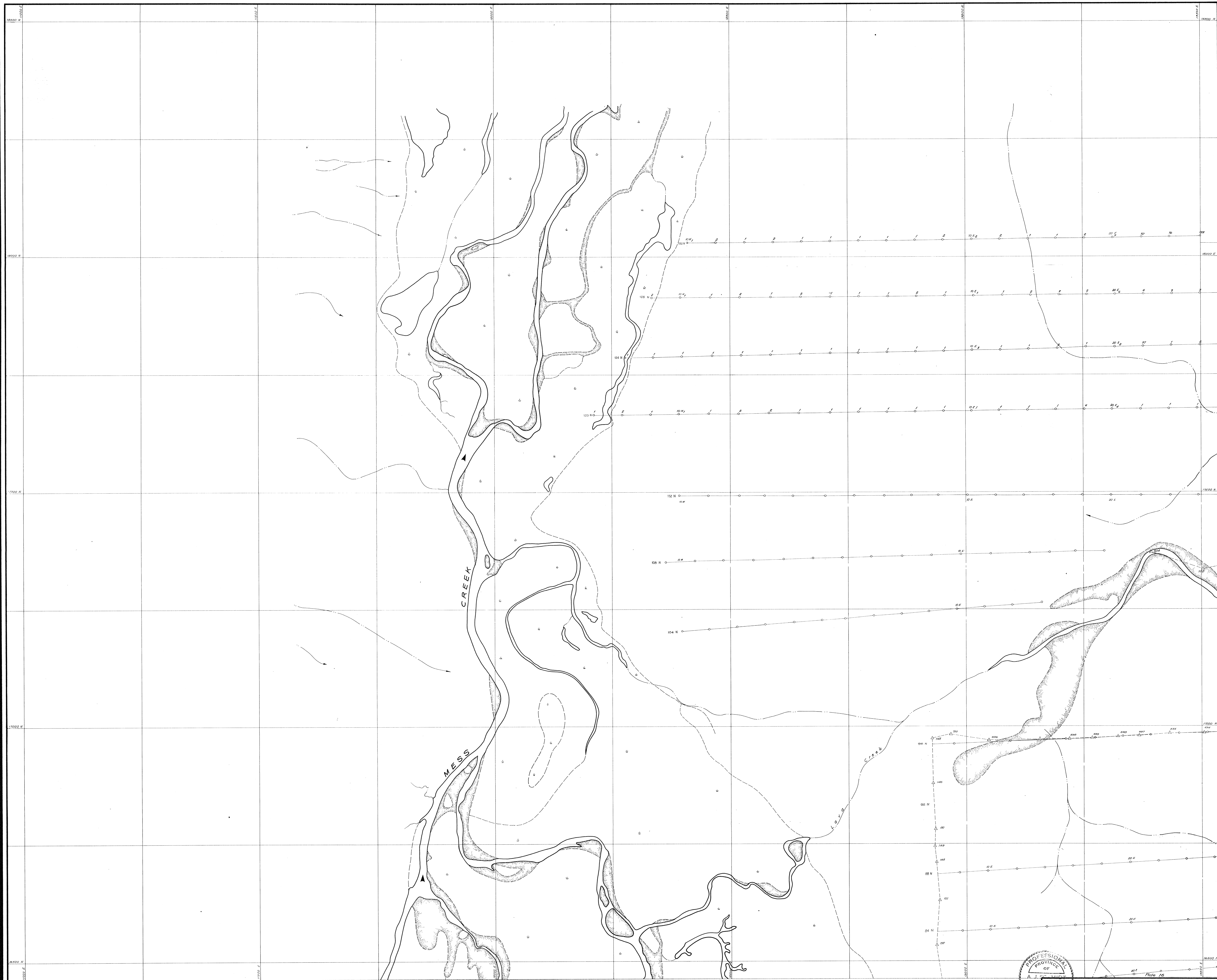
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. **6391**

UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY  
SOIL GEOCHEMISTRY  
MOLYBDENUM**

Work by: \_\_\_\_\_ Date: \_\_\_\_\_ NTS Ref. 104-G-7  
Drawn by: C. Danberg Revised: \_\_\_\_\_





**SYMBOLS :**

- CREEKS WIDTHS DEFINED
- CREEKS WIDTHS UNDEFINED, INTERMITTENT
- SWAMPS
- GRAVEL BARS
- LAKES
- BASE CAMP
- HELIPORT
- CUT LINES WITH LINE AND STATION DESIGNATED

**LEGEND :**

- BACKGROUND
- POSSIBLY ANOMALOUS
- PROBABLY ANOMALOUS

**BASE LINE**

**CLAIM BOUNDARY**  
(Surveyed and Unsurveyed with past description)

**DDM-MC-5**  
DIAMOND DRILL HOLE with total depth, Azimuth and Inclination

< 10 ppm

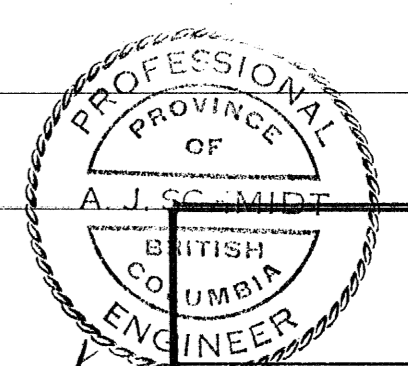
$\geq 10 < 15$  ppm

$\geq 15$  ppm

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**UTAH MINES LTD.**  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**MOLYBDENUM**

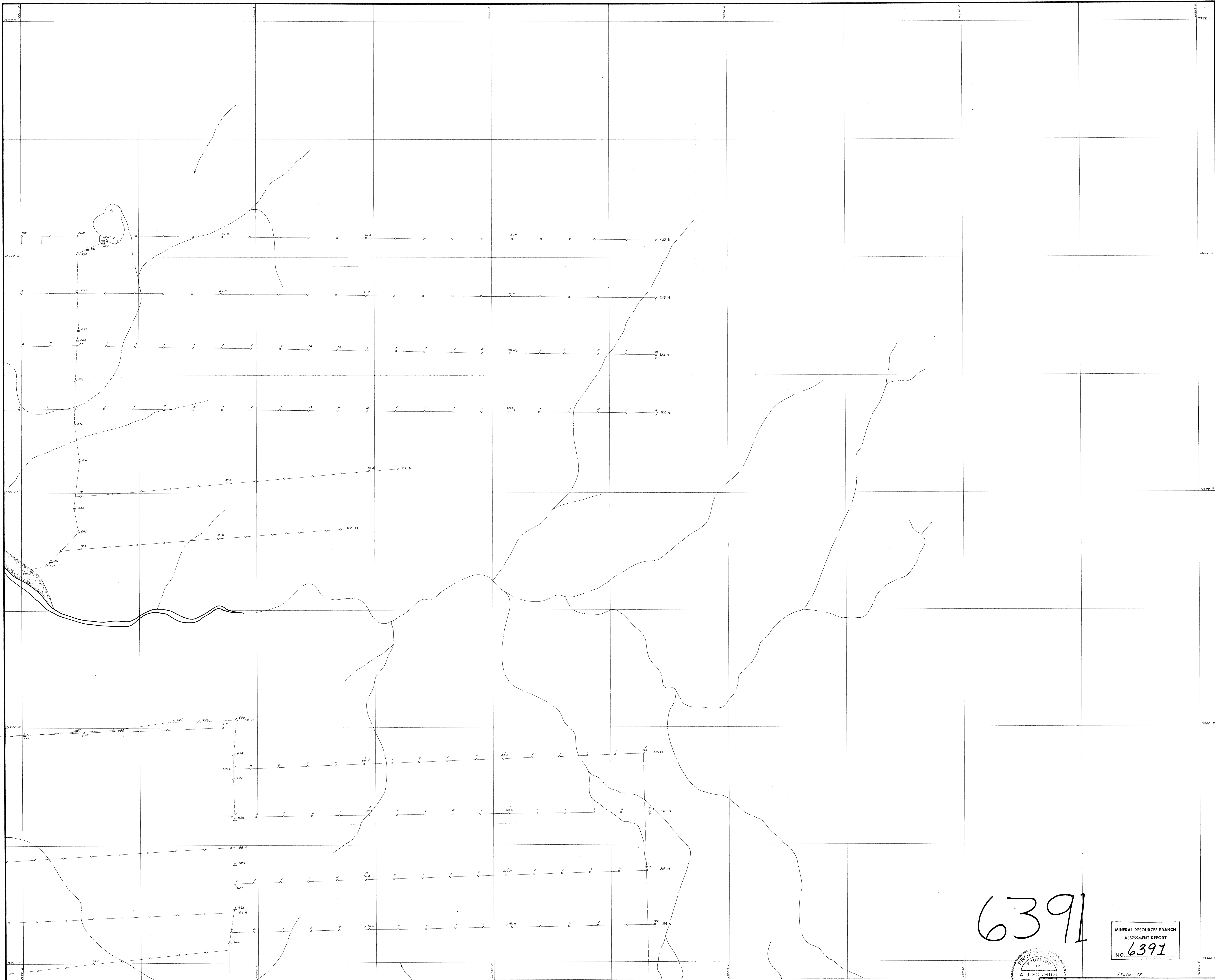
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

Work by: C. Dumont  
Date: [blank]  
Revised: [blank]

NTS Ref: 104-G-7

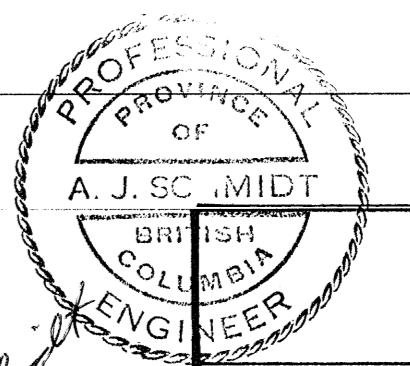
NO. 6391

SCALE IN METERS



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MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 6391



*A. J. Schmidt*  
2007/2/27

- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED
- LEGEND :**
- BACKGROUND < 10 ppm
  - POSSIBLY ANOMALOUS  $\geq 10 < 15$  ppm
  - PROBABLY ANOMALOUS  $\geq 15$  ppm
- DIAMOND DRILL HOLE WITH 1000 DEPTH AZIMUTH AND INCLINATION**
- SDH-MC-5  
 1000  
 70.00
- CLAIM BOUNDARY**  
(Surveyed and Unsurveyed with post description)
- LP
- BASE LINE**
- 

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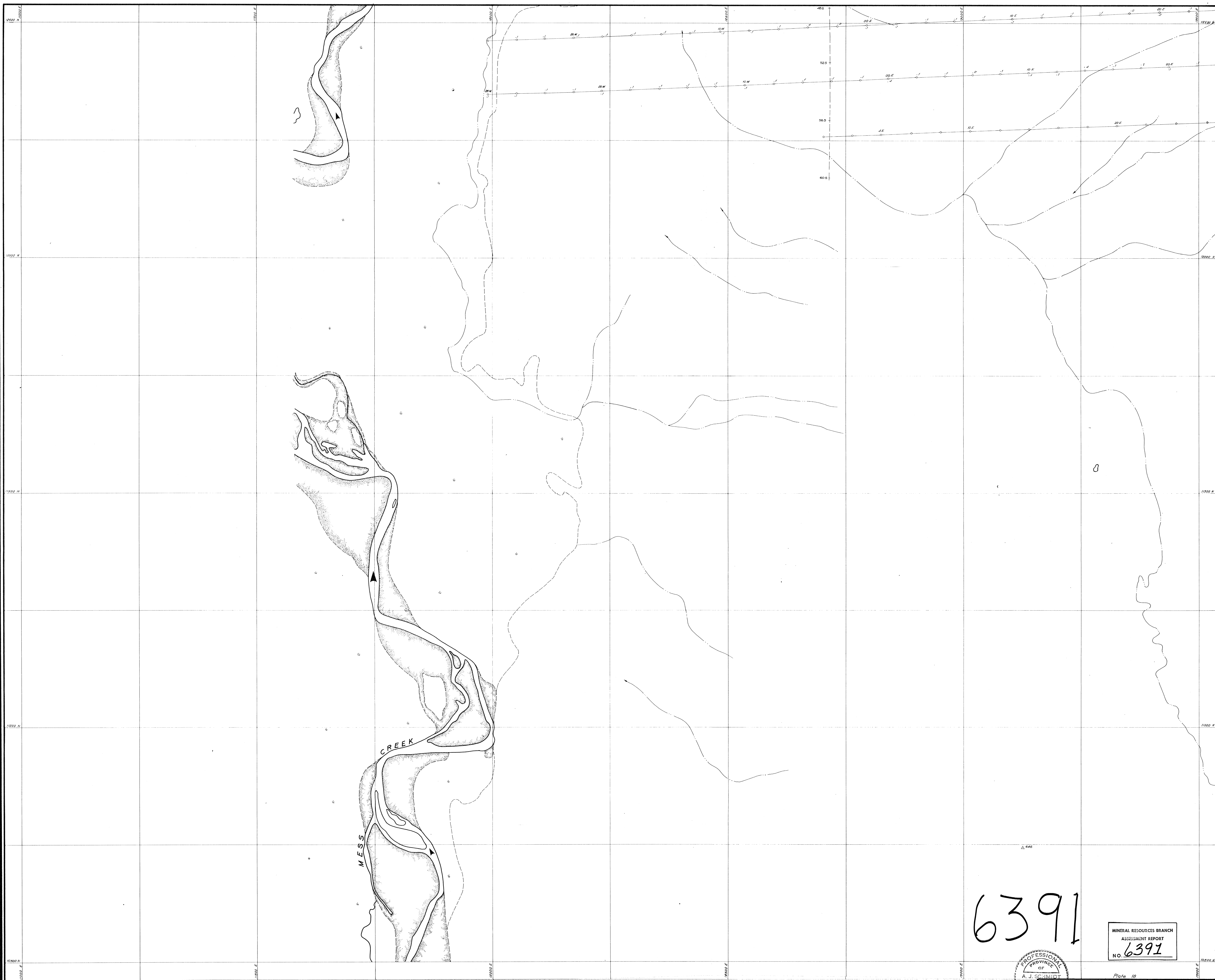
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UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**MOLYBDENUM**

Work by: C. Deneve Date: NTS Ref. 104-G-7  
 Drawn by: C. Deneve Revised:

50 0 50 100 150  
SCALE IN METERS



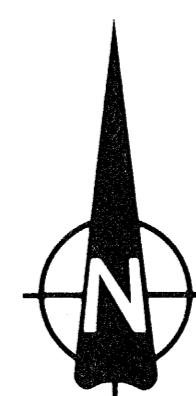
- SYMBOLS**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
- DDH-MC-5 DIAMOND DRILL HOLE with total depth, Azimuth and inclination

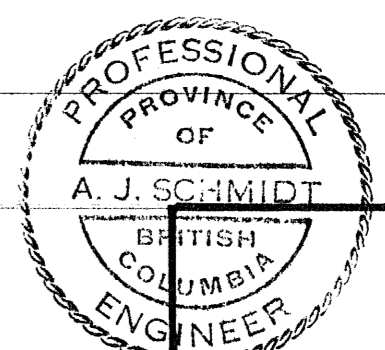
- LEGEND :**
- BACKGROUND
  - POSSIBLY ANOMALOUS
  - PROBABLY ANOMALOUS
- < .8 ppm  
 ≥ .8 < 10 ppm  
 ≥ 10 ppm

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*A. Schmidt*  
 Sept 27/72



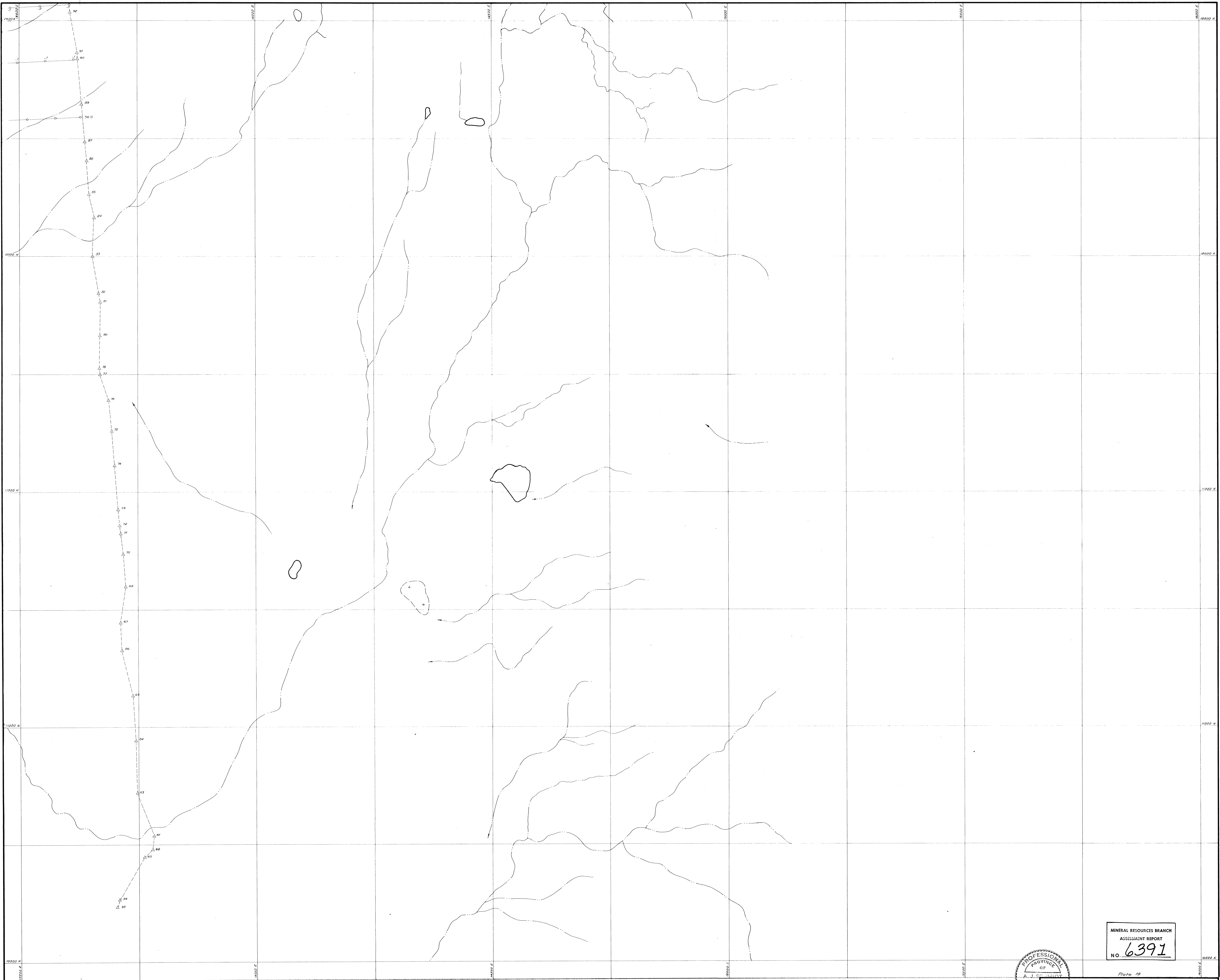
MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
 NO. 6391

UTAH MINES LTD.  
 EXPLORATION DEPARTMENT  
 VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**SILVER**

Work by: \_\_\_\_\_ Date: \_\_\_\_\_ NTS Ref: 104-G-7  
 Drawn by: C. Donohoe Revised: \_\_\_\_\_

0 50 100 150  
 SCALE IN METERS



- SYMBOLS**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

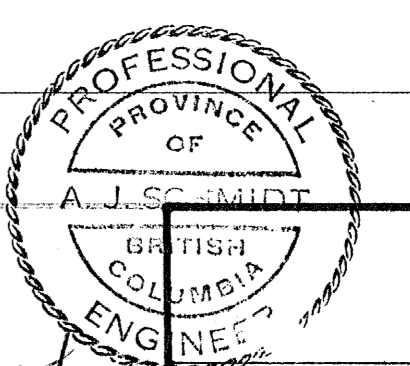
- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with past description)
- DDH-MC-5 DIAMOND DRILL HOLE with total depth, azimuth and inclination

- LEGEND :**
- BACKGROUND
  - POSSIBLY ANOMALOUS  $\geq .8 < 10 \text{ ppm}$
  - PROBABLY ANOMALOUS  $\geq 10 \text{ ppm}$

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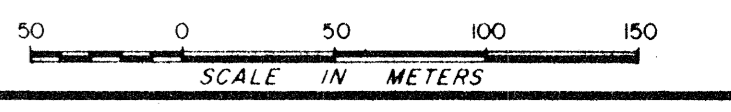


MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. **6391**

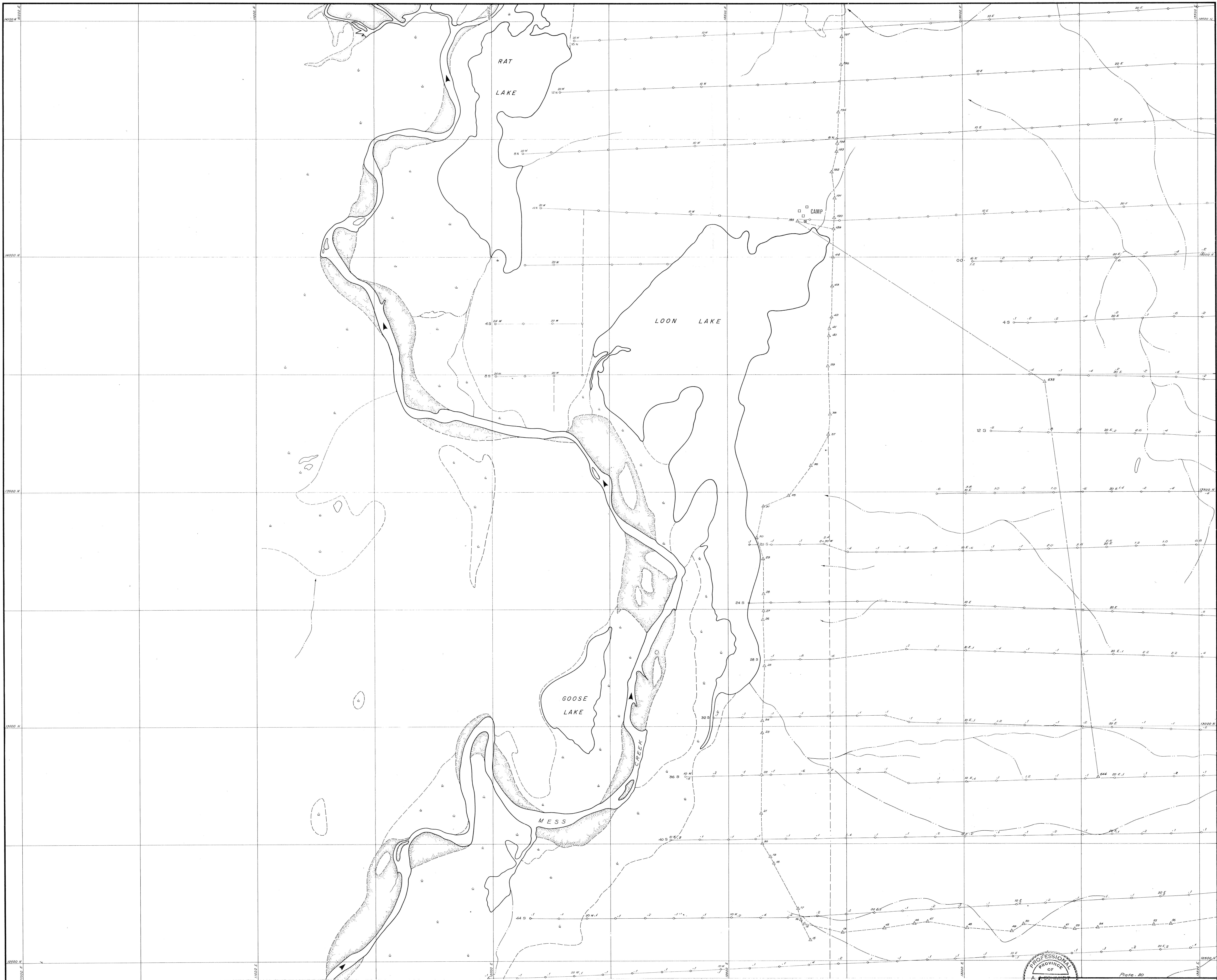
UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**SILVER**

Work by: \_\_\_\_\_ Date: \_\_\_\_\_ NTS Ref: 104-G-7  
Drawn by: C. Donovan Revised: \_\_\_\_\_







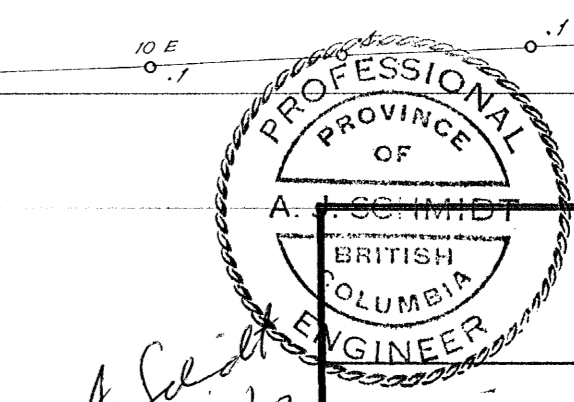
- SYMBOLS:**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDERIFIED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED
- LEGEND:**
- BACKGROUND
  - POSSIBLY ANOMALOUS
  - PROBABLY ANOMALOUS
- BASE LINE**
- CLAIM BOUNDARY**  
(Dashed line and line with arrows with post description)
- DDH-MC-S**  
DIAMOND DRILL HOLE with total depth Azimuth and Inclination

< .8 ppm  
 ≥ .8 < 1.0 ppm  
 ≥ 1.0 ppm

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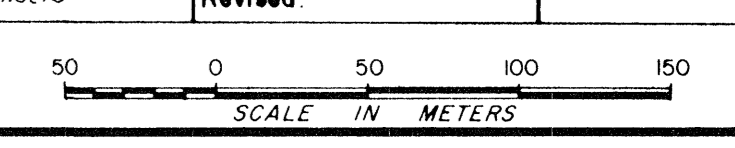
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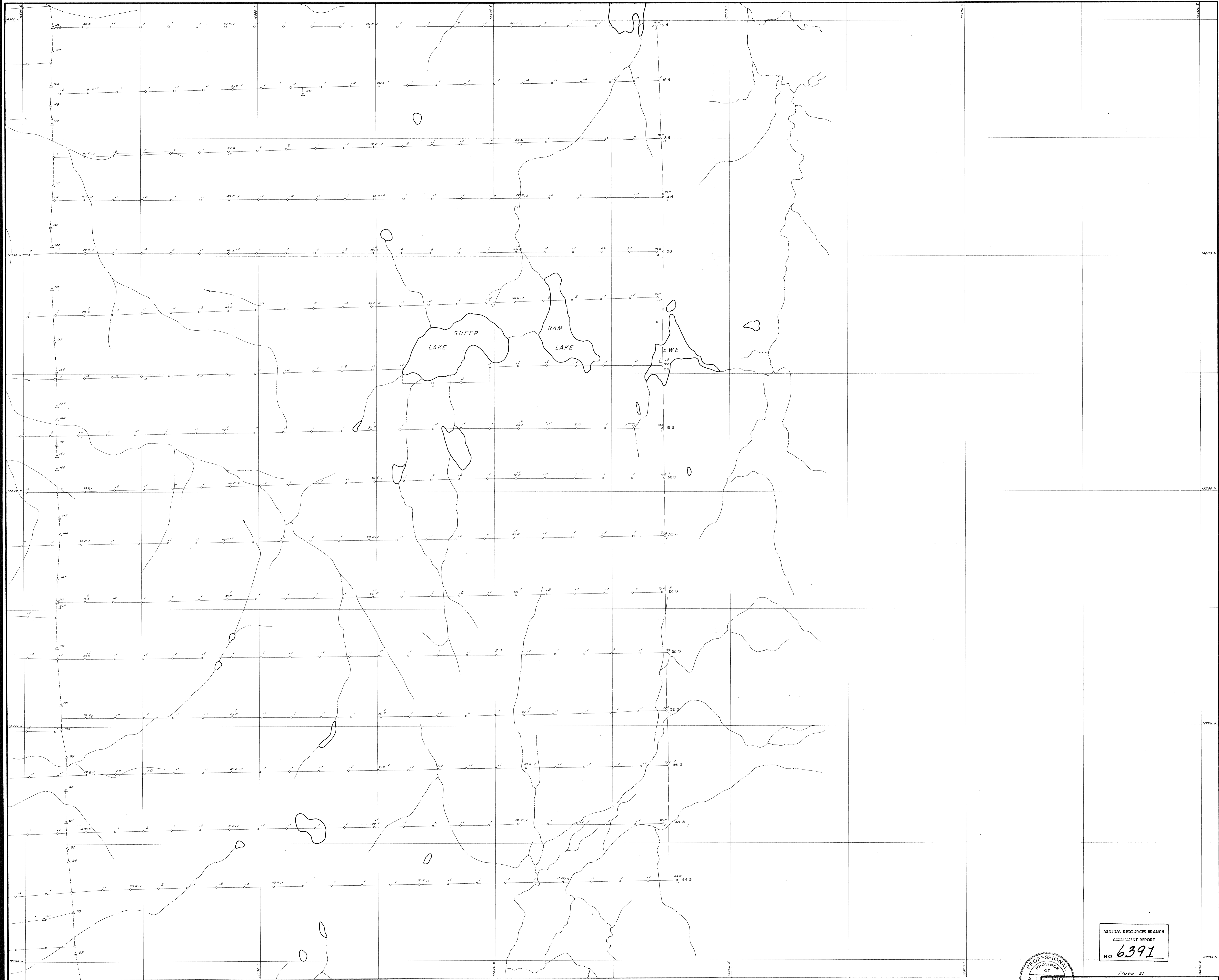


UTAH MINES LTD.  
 EXPLORATION DEPARTMENT  
 VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**SILVER**

MINERAL RESOURCES BRANCH  
 Work by: [Name] Date: [Date] NTS Ref: 104-G-7  
 Approved by: C. Zimone Revised: [Date]  
 No. 6391





**SYMBOLS :**

- CREEKS WIDTHS DEFINED
- CREEKS WIDTHS UNDEFINED, INTERMITTENT
- SWAMPS
- GRAVEL BARS
- LAKES
- BASE CAMP
- HELIPORT
- CUT LINES WITH LINE AND STATION DESIGNATED
- BASE LINE
- CLAIM BOUNDARY (Surveyed and unsurveyed with post description)
- DIAMOND DRILL HOLE with total depth, azimuth and inclination

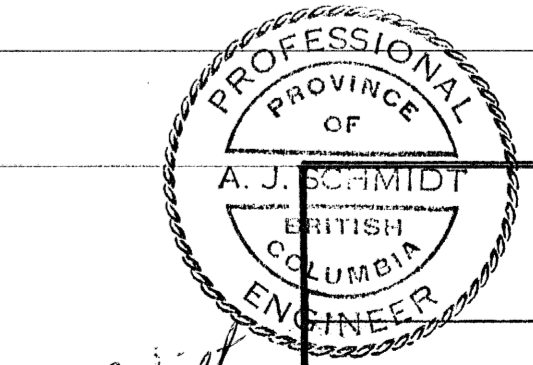
**LEGEND :**

- BACKGROUND < .8 ppm
- POSSIBLY ANOMALOUS ≥ .8 < 1.0 ppm
- PROBABLY ANOMALOUS ≥ 1.0 ppm

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**6391**



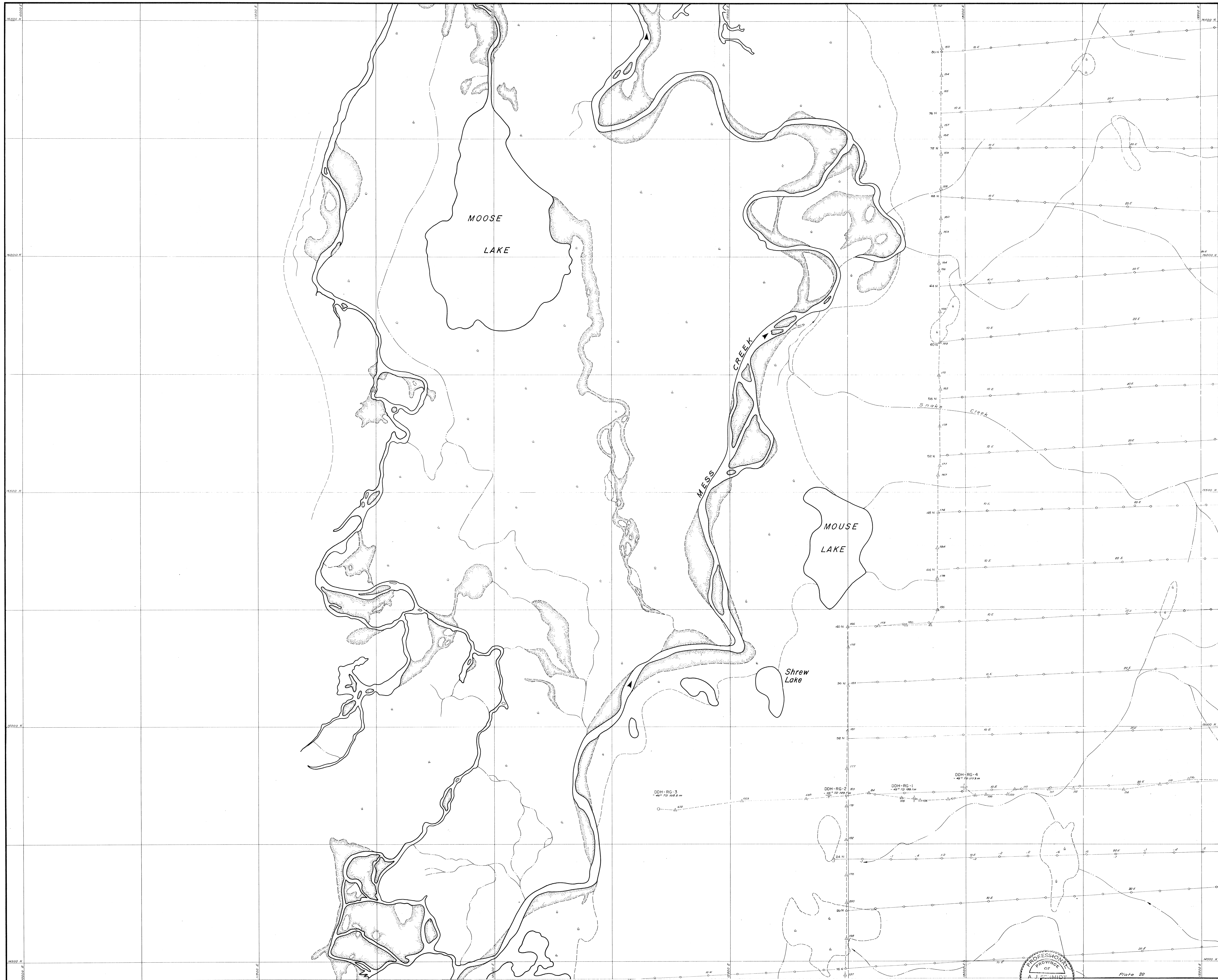
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. **6391**

UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY  
SOIL GEOCHEMISTRY  
SILVER**

Work by: *C. Clouston* Date: *1977* NTS Ref: 104-G-7  
Drawn by: *C. Clouston* Revised: *1977*

SCALE IN METERS  
0 50 100 150



**SYMBOLS :**

- CREEKS WIDTHS DEFINED
- CREEKS WIDTHS UNDEFINED, INTERMITTENT
- SWAMPS
- GRAVEL BARS
- LAKES
- BASE CAMP
- HELIPORT
- CUT LINES WITH LINE AND STATION DESIGNATED

**LEGEND :**

- BACKGROUND
- POSSIBLY ANOMALOUS
- PROBABLY ANOMALOUS

**BASE LINE**

**CLAIM BOUNDARY**  
(Surveyed and Unsurveyed with post description)

**DIAMOND DRILL HOLE** with  
total depth, Azimuth and inclination

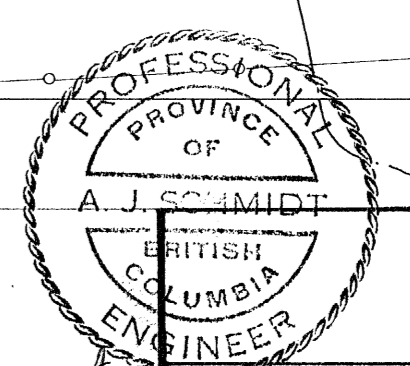
**SAMPLE LOCATION** and value in ppm.

< .8 ppm  
 ≥ .8 < 1.0 ppm  
 ≥ 1.0 ppm

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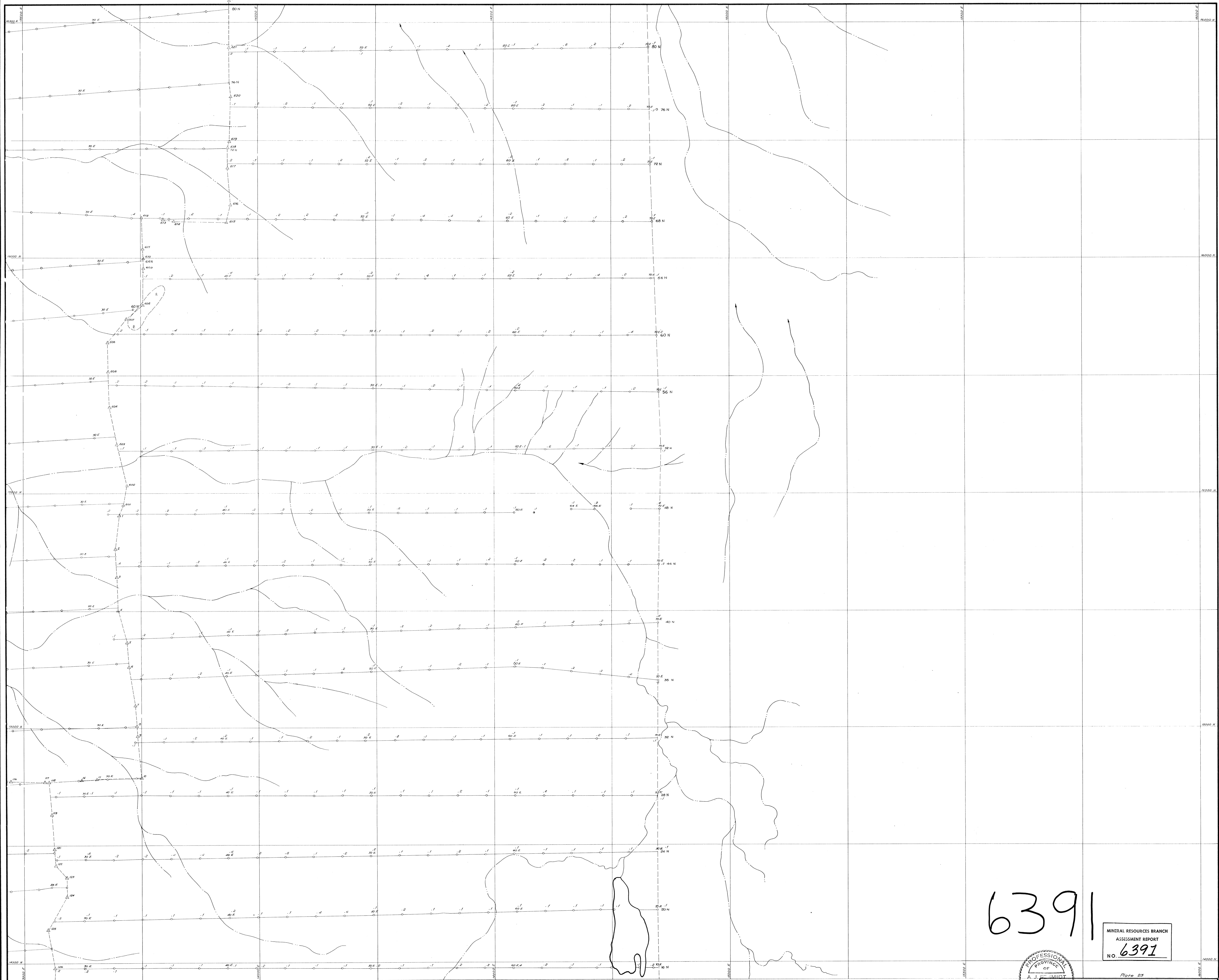


UTAH MINES LTD.  
 EXPLORATION DEPARTMENT  
 VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**SILVER**

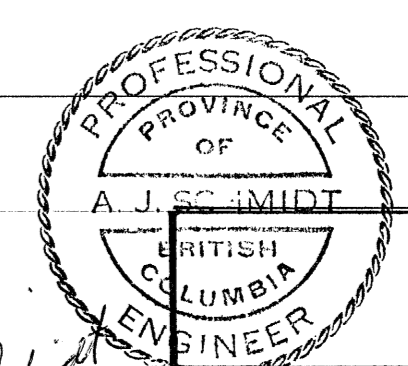
MINERAL RESOURCES BRANCH  
 A. J. SCHMIDT  
 C. D. DAVENPORT  
 Date: \_\_\_\_\_  
 Revised: \_\_\_\_\_  
 NTS Ref: 104-G-7

SCALE IN METERS



6391

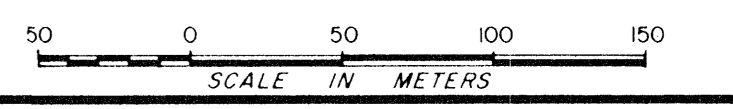
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 6391



UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY  
SOIL GEOCHEMISTRY  
SILVER**

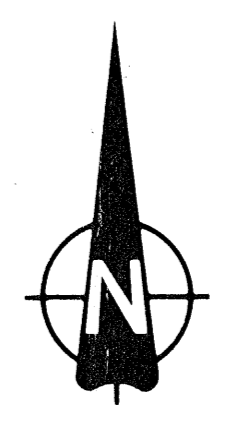
Work by: C. Dumivica Date: NTS Ref 104-G-7  
Drawn by: Revised

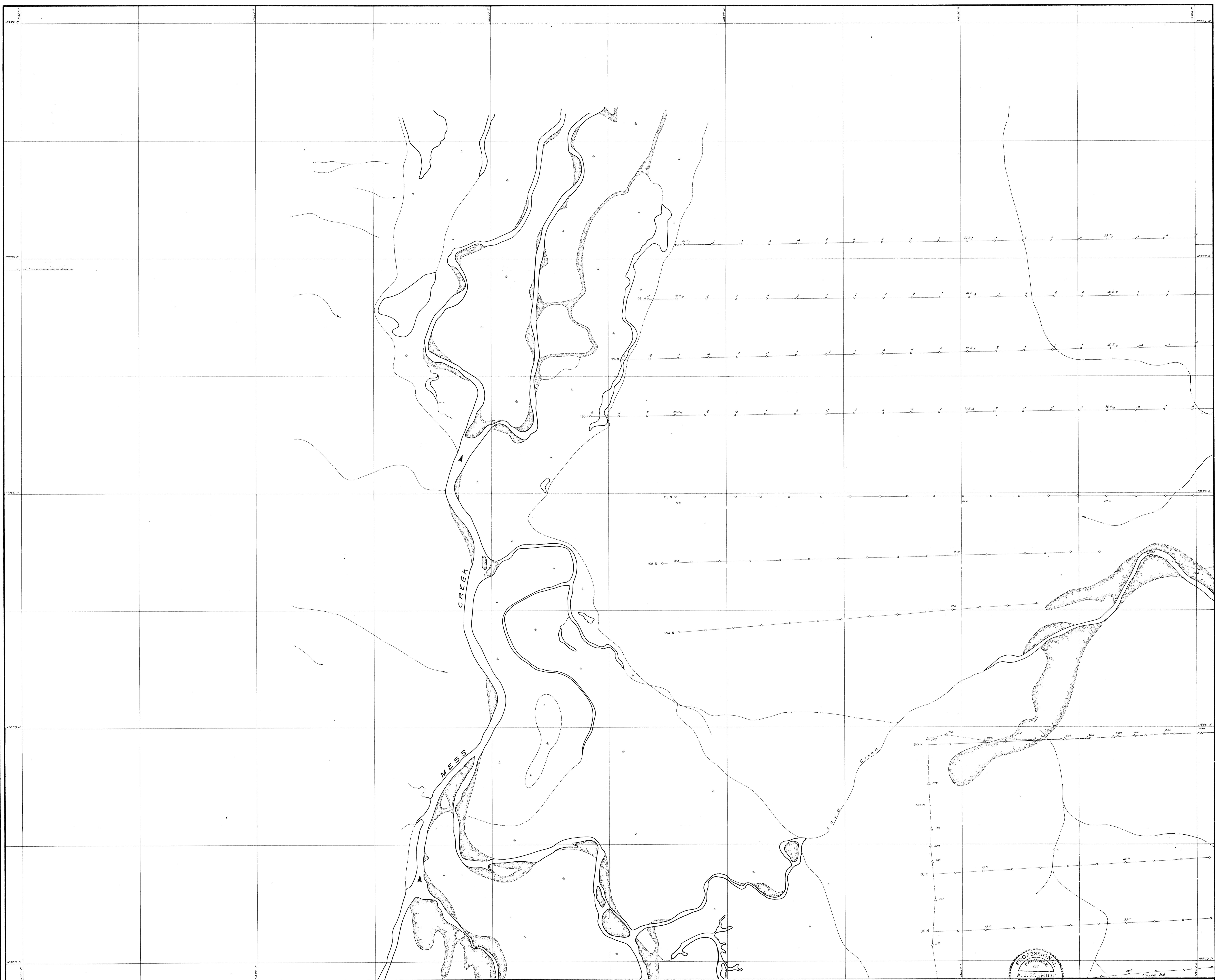


- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED
- LEGEND :**
- BASE LINE
  - CLAIM BOUNDARY (Surveyed and Unsurveyed with past description)
  - DDH-MC-5 DIAMOND DRILL HOLE with total depth Azimuth and inclination
  - BACKGROUND < .8 ppm
  - POSSIBLY ANOMALOUS ≥ .8 < 1.0 ppm
  - PROBABLY ANOMALOUS ≥ 1.0 ppm

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- SYMBOLS :**
- CREEKS WIDTHS DEFINED
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  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

— BASE LINE

— CLAIM BOUNDARY  
(Surveyed and Unsurveyed with  
Best Description)

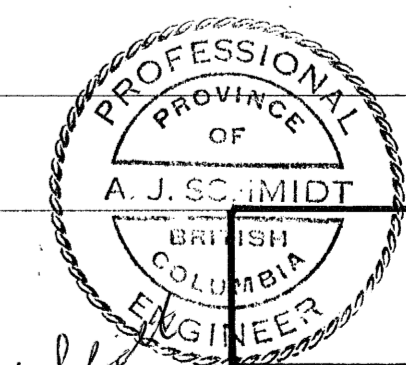
DDH-MC-S DIAMOND DRILL HOLE with  
1010 Depth, Azimuth and inclination

- LEGEND :**
- BACKGROUND < .8 ppm
  - POSSIBLY ANOMALOUS ≥ .8 < 10 ppm
  - PROBABLY ANOMALOUS ≥ 10 ppm

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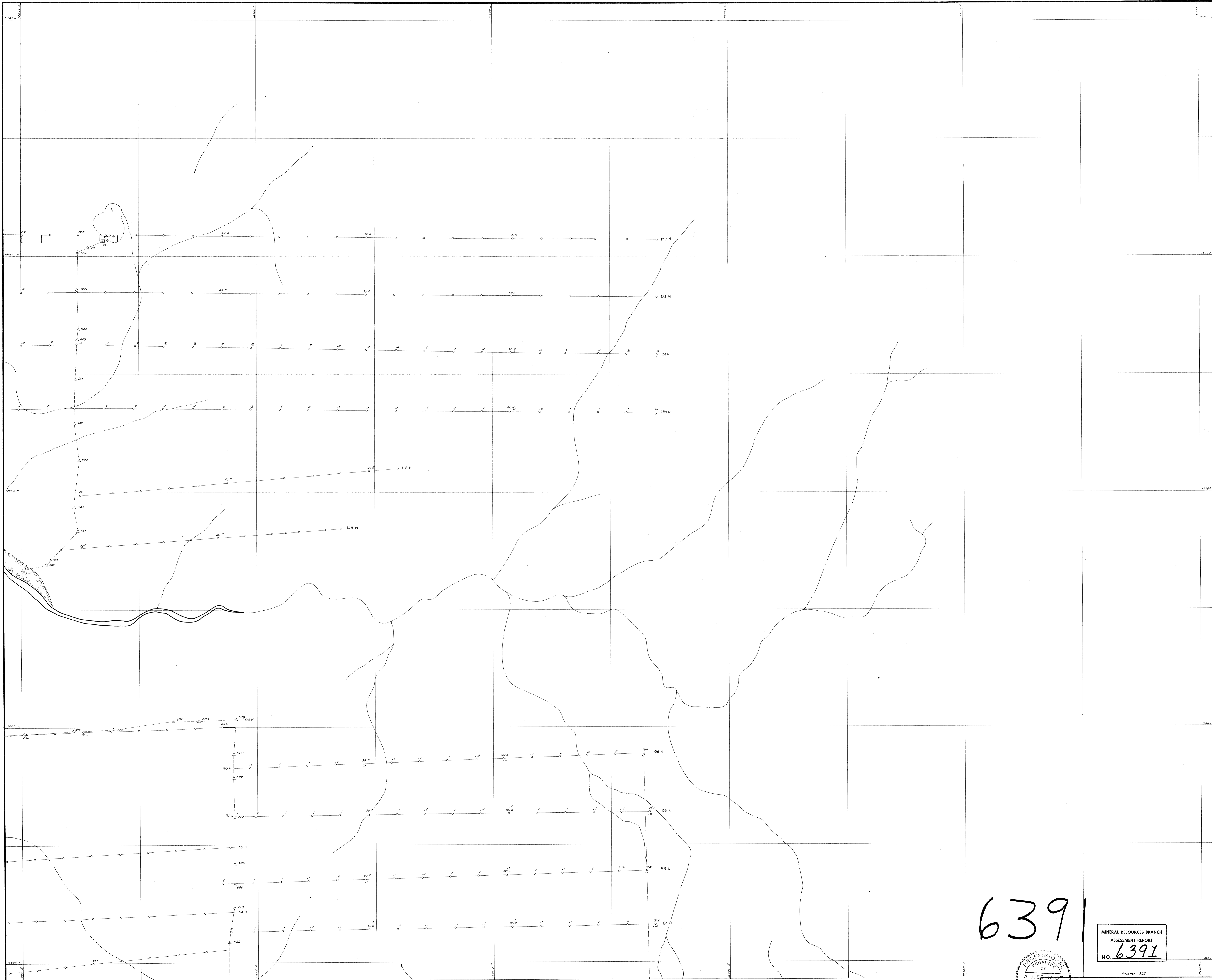


UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**SILVER**

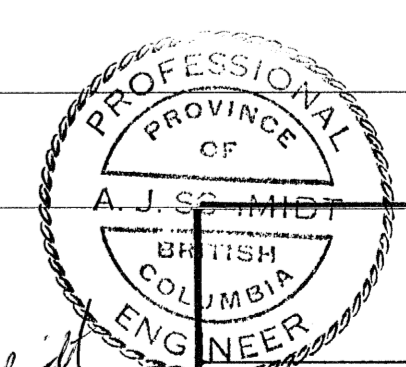
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DRAWN BY: C. Demore  
REVISED: [blank]  
SCALE IN METERS: 0 50 100 150

6391



6391

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
No. 6391



UTAH MINES LTD.  
EXPLORATION DEPARTMENT  
VANCOUVER BRITISH COLUMBIA

**MAY PROPERTY**  
**SOIL GEOCHEMISTRY**  
**SILVER**

Work by: C. Davison Date: NTS Ref. 104-G-7  
Drawn by: C. Davison Revised:

SCALE IN METERS

- SYMBOLS :**
- CREEKS WIDTHS DEFINED
  - CREEKS WIDTHS UNDEFINED, INTERMITTENT
  - SWAMPS
  - GRAVEL BARS
  - LAKES
  - BASE CAMP
  - HELIPORT
  - CUT LINES WITH LINE AND STATION DESIGNATED

- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
- DIAMOND DRILL HOLE with total depth, Azimuth and inclination

- LEGEND :**
- BACKGROUND < .8 ppm
  - POSSIBLY ANOMALOUS > .8 < 1.0 ppm
  - PROBABLY ANOMALOUS > 1.0 ppm

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