

Report of Some Reconnaissance Geochemical Sampling

at

Many Bear Creek, Telkwa Pass Area, British Columbia

NTS 93L/12

Lat. $54^{\circ} 33'N.$, Long. $127^{\circ} 48'W.$

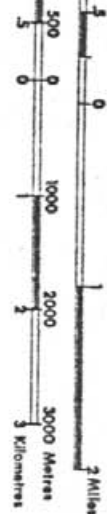
Willard D. Tompson

October 16, 1991

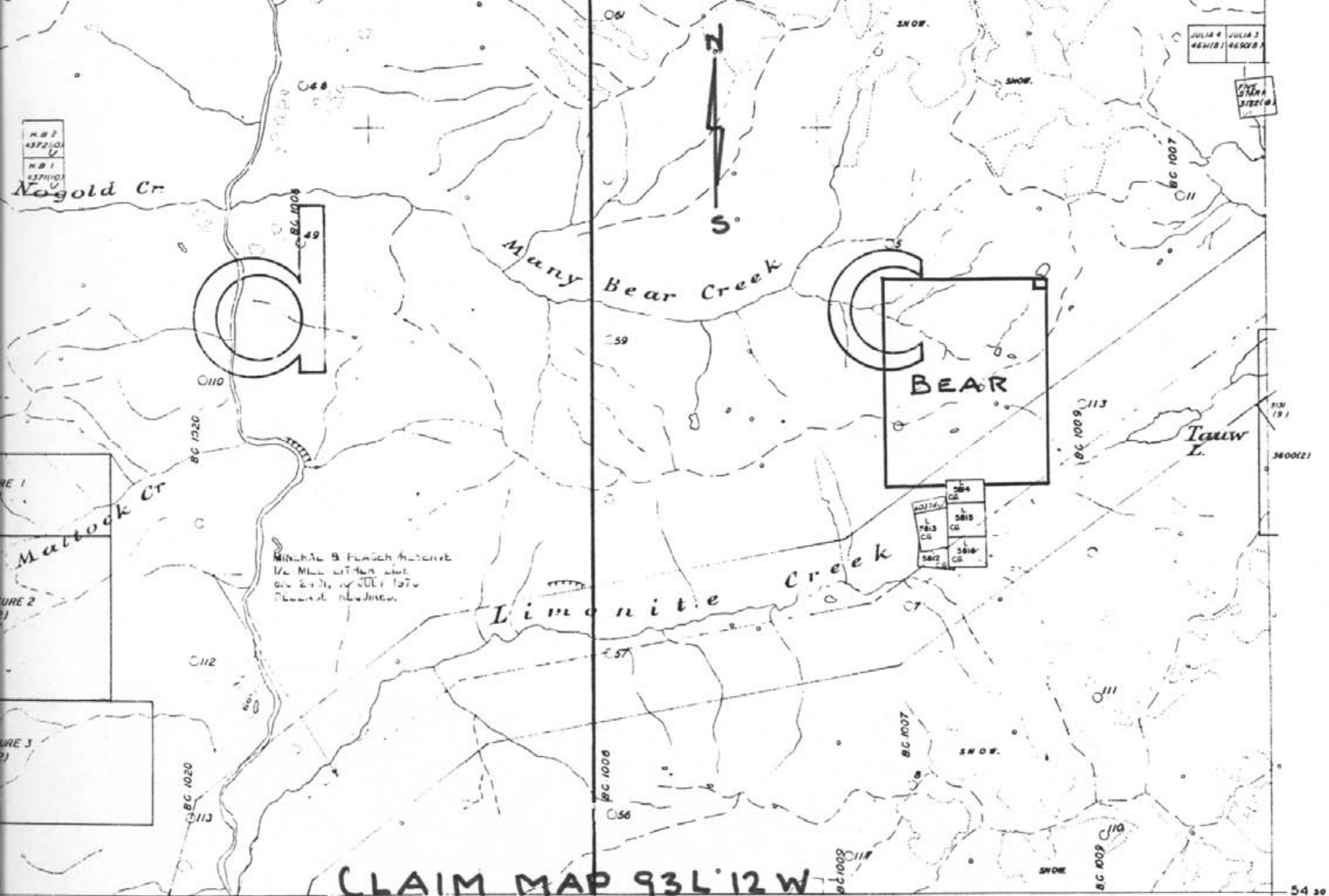
GEOLOGICAL BRANCH
MINERAL INDUSTRY REPORT

21,739

Willard D. Tompson, Consulting Geologist



UNLESS SPECIFIED OR ALIQUATED, THE MAP PORTION OF A LEGAL CONVEYANCE IS SAID TO BE SAID ON THE LOCATION'S SKETCH FOR FURTHER INFORMATION, APPLY TO THE OFFICE OF THE MINING DIVISION CONCERNED.
 DATE OF MICROFILM: *[Signature]*



H.B. 2
 1372101
 H.B. 1
 1371101

Nagold Cr

C

Mary Bear Creek

C
BEAR

Tauw L

Limonite Creek

Matlock Cr

MINERAL & PLACER RIGHTS
 IN THIS AREA ARE
 OWNED BY THE
 FEDERAL GOVERNMENT.

CLAIM MAP 93L 12W

OMINECA MINING DIVISION

TO SOUTH NE MAP 93L/5W.

127 45

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

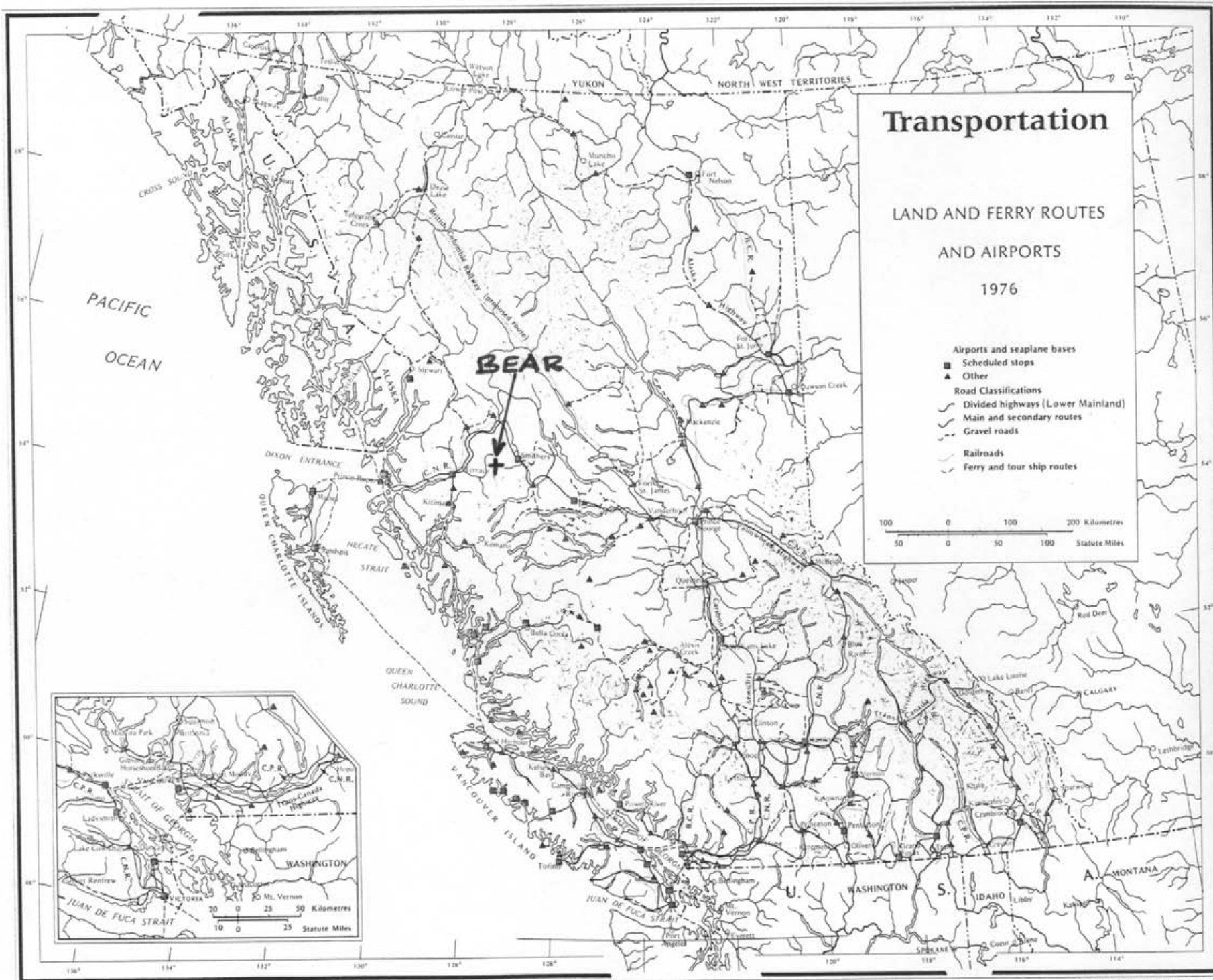
VICTORIA B.C.

SCALE 1:50,000

- | | | |
|--------------------|----------------------------|---------------------|
| Boundary | Bridge | Tunnel |
| Boundary | Power Transmission Line | Pipeline |
| Stream - perennial | Stream - intermittent, dry | Canal, canal, flume |
| Dike | Dike | Rapid, Falls |

This map is prepared only as a guide to the location of mineral claims and Placer Mining Leases as shown on the locator's sketches. For current or more detailed information, verification should be made to the Mining Division concerned.

MRC



Report of Some Reconnaissance Geochemical Sampling at
Many Bear Creek, Telkwa Pass Area, British Columbia

INTRODUCTION

The Bear prospect lies at the height of land between Limonite Creek and Many Bear Creek, both prominent drainages which flow westerly toward Zymoetz River.

In a report filed October 22, 1990 with the Minister of Energy, Mines and Petroleum Resources, this writer described the current status of information on the prospect area.

During the year 1991, large scale topographic maps, scale 1:5000 and 1:2500 were prepared by McElhanney Geosurveys Ltd. as was an orthophoto at scale, 1:5000. These maps were prepared in anticipation of advancing exploration on the property, as proposed in the report noted above. A copy of each of those maps is in the pocket of this report. However, financial constraints imposed by the 1990-1991 recession rendered that work impossible.

RECONNAISSANCE GEOCHEMICAL SAMPLES

Geochemical rock, silt and water samples were collected during an examination of the property on August 27, 1991. Locations of the sample sites are shown on the Chemical Analysis Certificate on the following pages.

The prospect area is underlain by felsic volcanic rocks of the Middle Jurassic Telkwa Formation. A large sulfide deposit which lies at the divide between Limonite Creek and Many Bear Creek and which is not exposed at the surface is believed to be the source for several large exotic limonite deposits which form an arcuate pattern around the mountain.

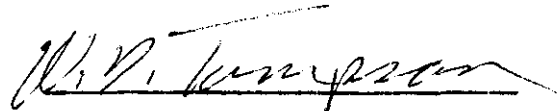
Geochemical responses are very spotty due to the acidic solutions which are being discharged at the surface as a result of the oxidation of the sulfide body. The pH of the water ranges from 2.2 to 4.9.

Mackenzie, J.D., 1915; Telkwa Valley and vicinity, British Columbia: Geol. Survey Canada, S.R. 1915, p. 67-69.

RECOMMENDATIONS

The exploration program as proposed in the report noted above should be performed during the summer of 1992.

Respectfully submitted

A handwritten signature in cursive script, appearing to read "W. D. Tompson", written over a horizontal line.

Willard D. Tompson
Consulting Geologist

Geochemical Analysis Certificate

1S-0589-RG1

Company: **CYPRUS CANADA**
Project: **GENERATIVE**
Attn: **ALVIN JACKSON**

Date: **SEP-06-91**

Copy 1, CYPRUS CANADA, VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 3 ROCK samples submitted AUG-27-91 by ALVIN JACKSON.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM	PB PPM	ZN PPM
061501	6	1.7	321	453	144
061502	2	.2	127	29	12
061503	18	.4	209	31	11

LOCATIONS OF SAMPLES

061501. Sample from bedrock. Altered dacite with pyrite and epidote in veins. Rock exposed along banks of small creek. Elevation, 1220m. UTM 6046020N-576950E.
061502. Bedrock sample. In situ gossan near top of hill between Limonite Creek and Many Bear Creek. Host rock is felsic volcanic rock which is argillized. Elevation, 1430m. UTM 6045450N-577000E.
061503. Same geology as previous sample. Elevation, 1435m. UTM 6045435N-576925E.

Certified by _____



Geochemical Analysis Certificate

1S-0589-SG1

Company: **CYPRUS CANADA**
Project: **GENERATIVE**
Attn: **ALVIN JACKSON**

Date: **SEP-07-91**
Copy 1. **CYPRUS CANADA, VANCOUVER, B.C.**

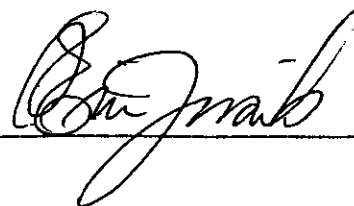
We hereby certify the following Geochemical Analysis of 1 SILT samples submitted AUG-27-91 by ALVIN JACKSON.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM	MO PPM	PB PPM	ZN PPM
WT 35	1	.6	44	6	14	45

LOCATION OF SAMPLE

WT 35. Silt from stream. Elev. 1220m, UTM 6046020N-576950E.
This is a small creek which flows northward to Many Bear Creek.

Certified by _____



SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • METALLURGISTS

Geochemical Analysis Certificate

1S-0589-WG1

Company: CYPRUS CANADA
Project: GENERATIVE
Attn: A. JACKSON

Date: SEP-18-91
Copy 1. CYPRUS CANADA, VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 3 WATER samples submitted AUG-27-91 by A. JACKSON.

Sample Number	CU mg/l	MO mg/l	PB mg/l	ZN mg/l
WT 1	<.01	.01	<.03	<.01
WT 2	<.01	.01	<.03	<.01
WT 3	.02	.01	<.03	<.01

LOCATIONS OF SAMPLES

- WT 1. Headwaters of small drainage which flows southward to Limonite Creek. Elevation at sample site, 1305 m. UTM at sample site, 6045715 N- 577670E.
- WT 2. Headwaters of seep from hill above headwaters of Limonite Creek. Elevation at 1300m. UTM at sample site, 6045850N- 577720E.
- WT 3. Small drainage flowing northward to Many Bear Creek. Elevation at sample site, 1220m. UTM, 6046020N-576950E.

Certified by 
MIN-EN LABORATORIES

CERTIFICATE

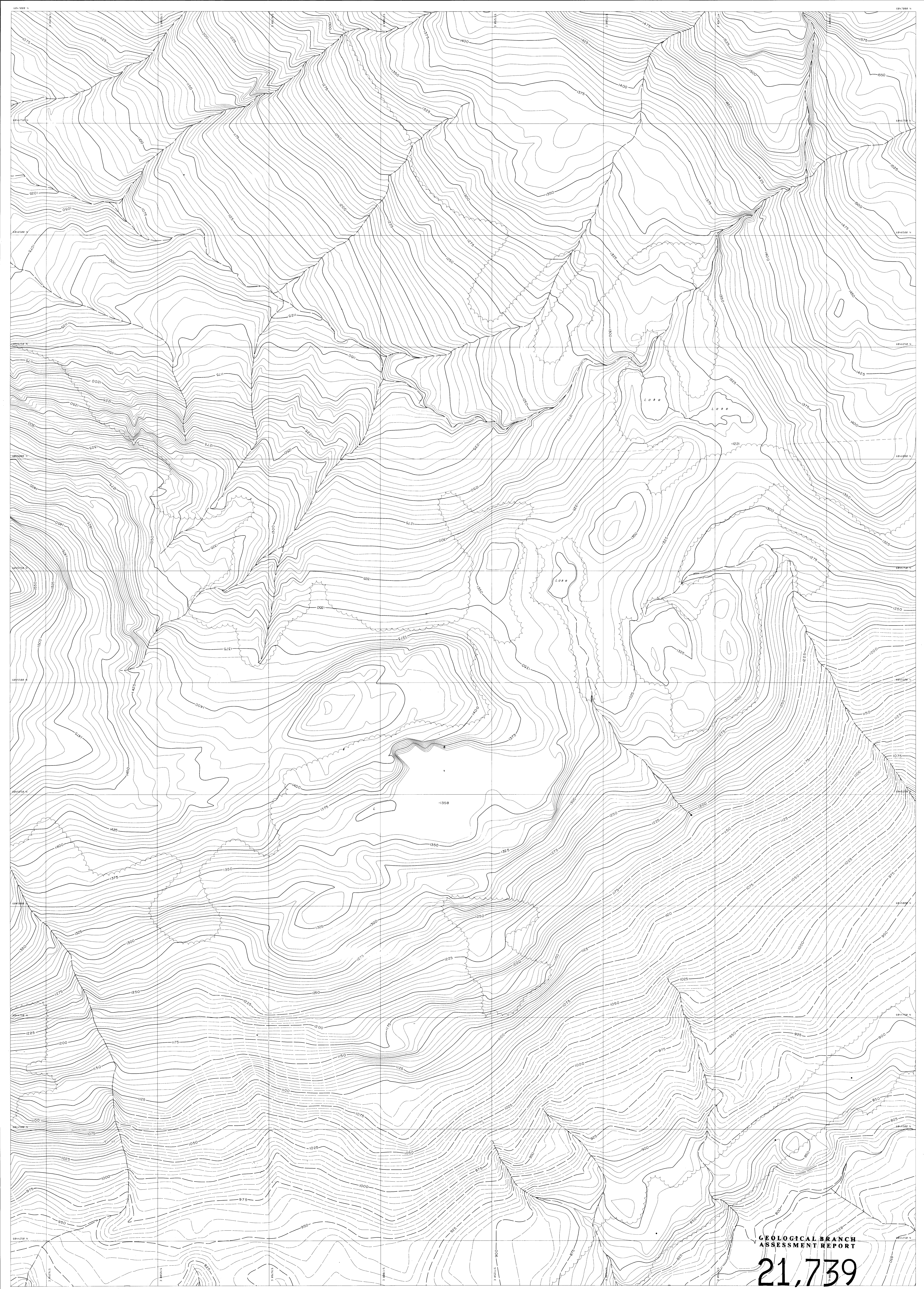
I, Willard D. Tompson, of Smithers, British Columbia, do hereby certify:

1. THAT I am a consulting geologist residing at Van Gaalen Road, Smithers, British Columbia;
2. THAT I hold a Master of Science degree (Geology) from Montana State University;
3. THAT I am a Fellow of the Geological Association of Canada;
4. THAT I have practiced my profession for more than 30 years.
5. THAT I am owner of the Bear Claim, record number 11317 which is described herein.

Dated at Smithers, British Columbia this 16th day of October, 1991.


Willard D. Tompson

Consulting Geologist



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,739



Compiled by
McELHANEY GEOSURVEYS LTD.
780 Beatty St., Vancouver, B.C., Canada
from aerial photography at approximate scale of 1:20,000
flight: July 1981

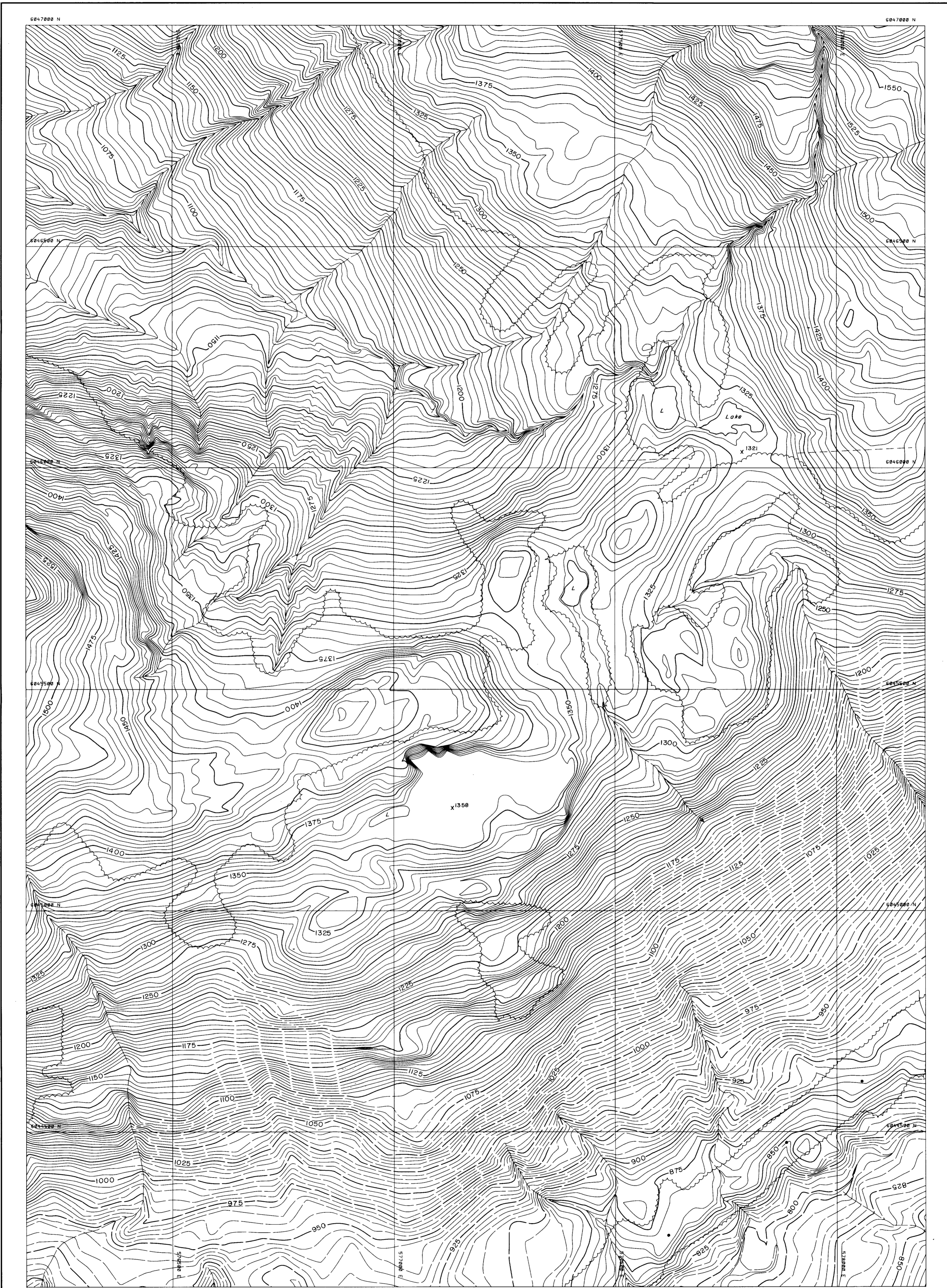
WILLARD D. TOMPSON
Consulting Geologist

MANY BEAR CREEK

Scale 1:25,000
Contour Interval 5 Metres

Date May 1991
Sheet No. 1 of 1

PRELIMINARY RECONNAISSANCE TYPE MAPPING
Scale and vector dimensions on level ground control results in good planimetric accuracy. Map accuracy



GEOLOGICAL BRANCH
ASSESSMENT REPORT



Compiled by
McELHANNEY GEOSURVEYS LTD.
780 Beatty St., Vancouver, B.C., Canada
from aerial photography at an approximate scale of 1:20 000
flown in July 1988

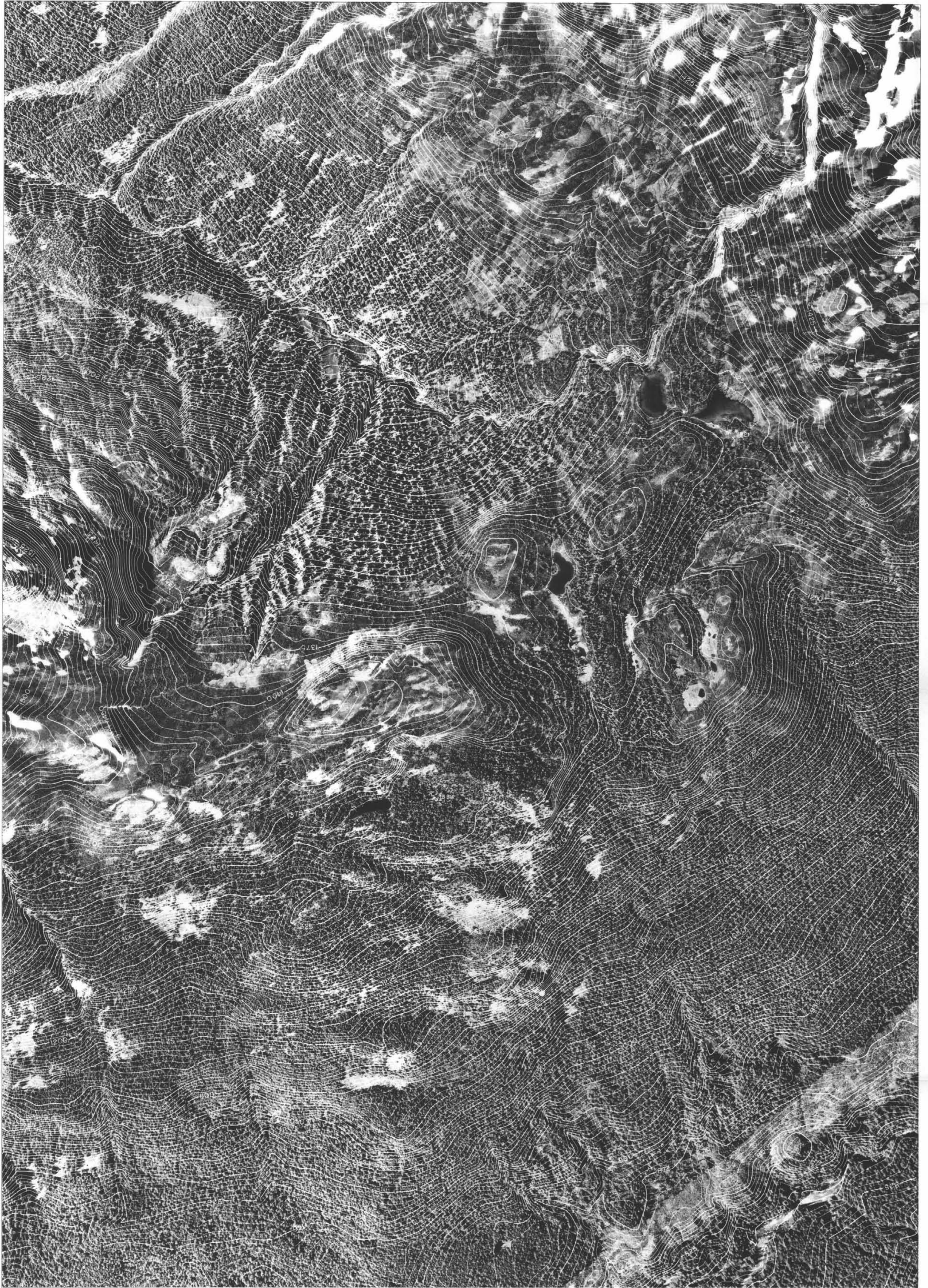
Scale 1:5 000
Date May 1991
Contour interval 5 Metres
Sheet No. 1 of 1

WILLARD D. TOMPSON
Consulting Geologist

MANY BEAR CREEK

PRELIMINARY RECONNAISSANCE TYPE MAPPING.
scale and elevation datum based on limited ground control resulting in good relative but uncertain absolute map accuracy

21,739



GEOLOGICAL BRANCH
ASSESSMENT REPORT



Compiled by
McELHANNEY GEOSURVEYS LTD.
780 Beatty St., Vancouver, B.C., Canada
from aerial photography at an approximate scale of 1:20000
flown in July 1988

Scale 1:5000
Contour Interval 5 Metres

Date May 1991
Sheet No. 1 of 1

WILLARD D. TOMPSON
Consulting Geologist

MANY BEAR CREEK

21,739