BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1997/1998
REPORT #:	PAP 97-26
NAME:	DOUGLAS ADOLPH

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- **Refer to Program Requirements/Regulations, section 15, 16 and 17.**
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (*see* section 16) required with this TECHNICAL REPORT.

Name _____ Reference Number _____

LOCATION/COMMODITIES

Project Area (as listed in Part A) _____ MINFILE No. if applicable _____

Location of Project Area NTS _____ Lat _____ Long _____

Description of Location and Access _____

Main Commodities Searched For _____

Known Mineral Occurrences in Project Area _____

PLEASE SEE ATTACHED REPORT

WORK PERFORMED

1. Conventional Prospecting (area) _____
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) _____
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) _____
6,. Drilling (no,. holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS

Commodities _____ Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies _____

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act.*

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Adolph, Douglas K. File # 97-3449

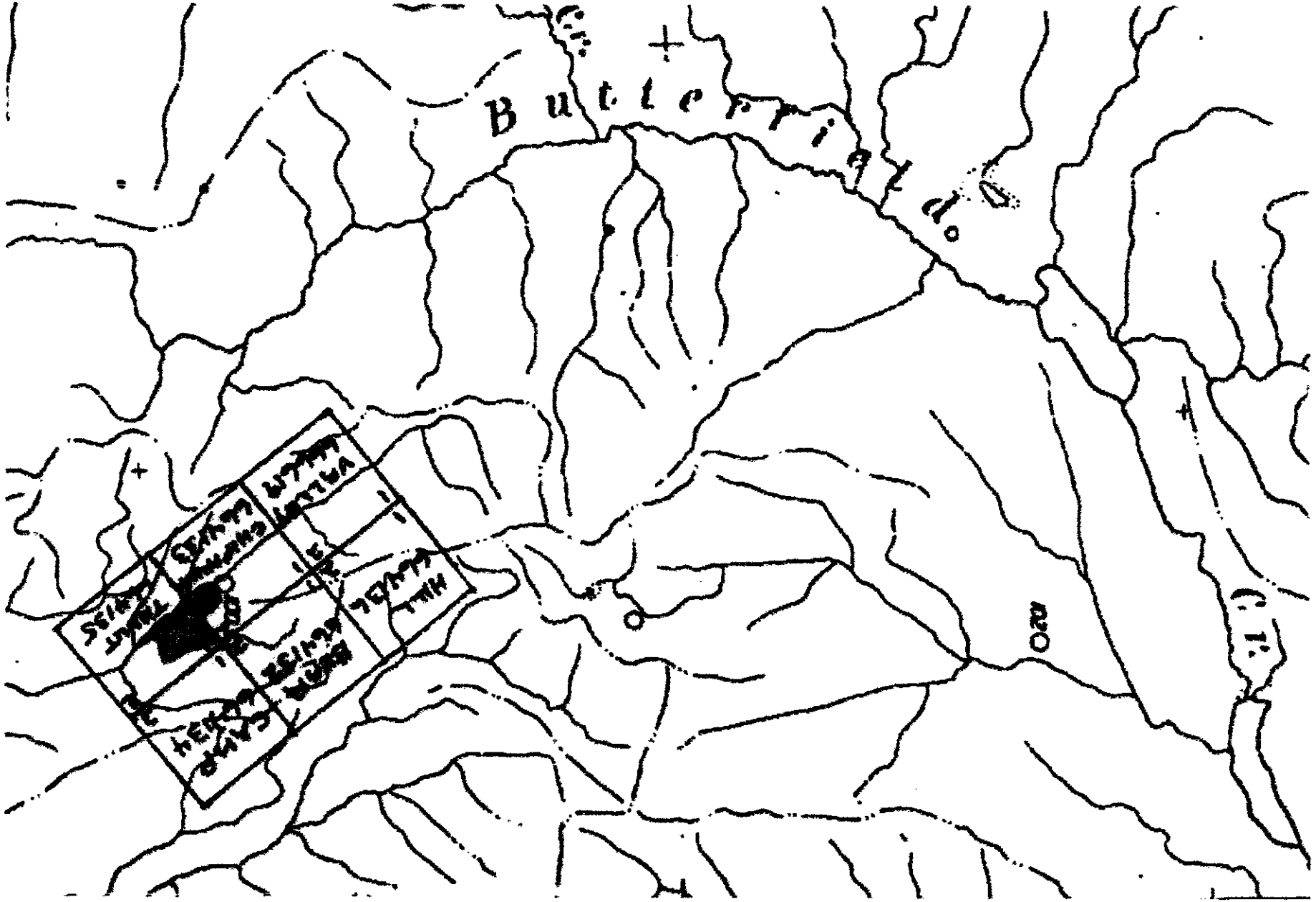
R.R. 2 Site 27 Comp 38, Prince George BC V2N 2H9 Submitted by: Douglas K. Adolph

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Hg %	Au** oz/t
1	<.001	.003	<.01	.02	.01	.002	.004	.07	10.59	<.01	<.01	<.01	<.001	<.001	<.01	<.001	<.001
2	<.001	.003	<.01	.01	<.01	.002	.001	.05	3.47	<.01	<.01	<.01	<.001	<.001	<.01	<.001	<.001
3	<.001	.089	<.01	<.01	.08	<.001	.001	.02	34.29	<.01	<.01	<.01	<.001	<.001	<.01	.001	.001
4	<.001	.002	<.01	<.01	.02	.001	<.001	.04	1.92	<.01	<.01	<.01	<.001	<.001	<.01	<.001	<.001
5	<.001	.001	<.01	.01	<.01	<.001	.001	.06	1.55	<.01	<.01	<.01	<.001	<.001	<.01	<.001	<.001
RE 5	<.001	.001	<.01	.01	.01	<.001	.001	.06	1.55	<.01	<.01	<.01	<.001	<.001	<.01	<.001	<.001

1 GM SAMPLE LEACHED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.
AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.
- SAMPLE TYPE: ROCK
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 9 1997 **DATE REPORT MAILED:** July 14/97 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA


Butterfield

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Adolph, Douglas K. File # 97-4136

R.R. 2 Site 27 Comp 38, Prince George BC V2N 2H9 Submitted by: Douglas K. Adolph

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Hg %	Au** oz/t
PATRICKS BLUE SAMPLE #1	.002	.264	.61	.01	.20	.001	.001	.17	4.49	.01	.01	<.01	<.001	.003	<.01	<.01	.035
PATRICKS 00/00 SAMPLE #2	<.001	.694	.01	.01	<.01	.001	.001	.33	5.09	<.01	<.01	<.01	<.001	<.001	<.01	<.01	.015
M-1 SAMPLE #3	<.001	.002	.01	.01	<.01	<.001	.001	.07	1.68	<.01	<.01	<.01	<.001	<.001	<.01	<.01	<.001
M-1 SAMPLE #4	.001	.001	.02	<.01	.11	<.001	.008	<.01	7.88	<.01	<.01	<.01	<.001	<.001	<.01	<.01	.011
M-1 SAMPLE #5	<.001	<.001	<.01	.01	.04	.003	.003	.03	4.39	<.01	<.01	<.01	<.001	<.001	<.01	<.01	.002
RE M-1 SAMPLE #5	<.001	<.001	<.01	.01	<.01	.003	.002	.03	4.36	<.01	<.01	<.01	<.001	<.001	<.01	<.01	.002
M-2 SAMPLE #6	<.001	.001	<.01	.01	<.01	.001	.002	.12	11.90	<.01	<.01	<.01	<.001	<.001	<.01	<.01	<.001
M-2 SAMPLE #7	<.001	<.001	<.01	.01	.03	.002	<.001	.15	20.51	<.01	.01	<.01	<.001	<.001	<.01	<.01	.005
STANDARD R-1/AU-1	.089	.846	1.30	2.30	2.99	.026	.027	.08	6.71	.95	.02	.01	.049	.167	.03	<.01	.094

1 GM SAMPLE LEACHED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.
AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.
- SAMPLE TYPE: ROCK
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 6 1997 **DATE REPORT MAILED:** Aug 15/97 **SIGNED BY.....** D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

Geological Sampling Map of Area funded by Prospectors Assistance Program 1997

Intervals East-West= **100** meters

Intervals North-South= **25**meters

Dip Range: 165-185 degrees

Strike Range: 105-125 degrees

9w 8w 7w 6w 5w 4w 3w 2w 1w 0 1e 2e 3e 4e 5e 6e 7e

22n 21n 20n 19n 18n 17n 16n 15n 14n 13n 12n 11n 10n 9n 8n 7n 6n 5n 4n 3n 2n 1n 0 1s 2s 3s 4s 5s 6s 7s 8s 9s 10s 11s 12s 13s 14s 15s 16s 17s 18s 19s 20s 21s 22s 23s 24s 25s

MAGHIGH

ASSAY Q VEINS

STEEP SLOPE

OVERBURDEN VALLEY

NARROW QUARTZ VEINS

PITS

QUARTZ & BANDING

PATRICKS BLUE SAMPLES ASSAY

MINERALISED GREENSTONE

ASSAY QUARTZ 1FT WIDE 20FT LONG

PITS

QUARTZ PIT

ASSAY FERRICRETE

ASSAY QM

100' WIDE

SAMPLES OTHER THAN M-1 AND M-2 GREENSTONE OR GREENSTONE VARIATIONS

BLUE LINES REPRESENT RIDBONED GRID

ASSAYS

M2

M1

300 MTS

RANDOM SAMPLING ON SIDE-HILL SHOW NO MINERALIZED ROCKS ALL GREENSTONE

ACCESS ROAD 700 METRES

3 MILES TRAVERSED MOUNTAIN SHOWING MAGNETIC HIGH (SEE ATTACHED MAGNETIC SURVEY MAP)

SAMPLES WERE GENERALLY GREENSTONE WITH LITTLE MINERALIZATION. SOME SAMPLES SHOW TO BE MAGNETIC.

Index--

g-Greenstone (intermediate fine veined andesite tuff)
s-Sandstone, (course grained sandstone)
q- Quartz (intrusion)
qm- Quartz Monsanite, (Potassium Feldspar Megcristic)
l-Limonite in Quartz rock
m-Mudstone shale
sg- Sulfides in greenstone
su- Sulphides in Quartz
cl-greenstone-chlorite (altered thermally-metamorphic pyrite, course grained (euhedral)
bg-bleached and solidified greenstone
tg- thermally altered greenstone
f- ferricrete
a- Amphibolite
d-diabase
abt-altered, bleached tuff

97-26 pg 8

General Report on Prospecting Activities 1997

Introduction

The purpose of this years program was to conduct a sampling survey of the area within the Bear, Chipmunk, Camp, Trout, Hill, Valley claims, and extend the working area to a magnetic area falling immediately outside the claims to the north-west. It was also of interest to investigate another area of high aerial magnetic activity three miles to the south-west of the claim area. Several days were spent trenching and digging pits by both the voluntary crew members and the employees.

It was essential that a grid be ribboned in, in the areas of interest and that stations be put in place, (see Geological Sampling map attached) and that samples be taken throughout the area of the grid.

Sampling Activity and Predominant Rock Types

Several hundred samples were taken with about 10 percent packed out for identification and for the purposes of mapping out the area geologically. It was clear the outcrop contained 90 percent Greenstone (intermediate fine veined Andesite Tuff), with wide intrusions (up to 40 feet wide and a kilometer in length) of Quartz Monsanite (Potassium Feldspar Megcristic) and a large deposit (up to 100 ft wide and one kilometer in length) of Sulphides in Greenstone).

Several area of Sulfides in Quartz were located as well as Limonite in Quartz, some samples produced limited amounts of sphalerite, calchopyrite, azurite, and malachite. The following is a geological index of identified samples;

Index--
g-Greenstone (intermediate fine veined andesite tuff)
s-Sandstone, (course grained sandstone)
q- Quartz (intrusion)
qm- Quartz Monsanite, (Potassium Feldspar Megcristic)
l-Limonite in Quartz rock
m-Mudstone shale
sg- Sulfides in greenstone
su- Sulfides in Quartz
cl-greenstone-chlorite (altered thermally-metamorphic pyrite
bg-bleached and solidified greenstone
tg- thermally altered greenstone
f- ferricrete
a- Amphibolite
d-diabase
abt-altered, bleached tuff

Identification of Samples

Since no one involved in the project were qualified geologists (the qualified prospector focused on locating familiar forms of mineralized samples) the samples **(approx. 150) were examined and classified by Bob Laine, Regional Biologist, Prince George.** They were then placed on attached Excel grid to indicate overall geology of the area.

Sampling Results

In reference to attached assay certificates, small concentrations of cu. pb. zn. ag. ni. co. and au. were found in small fissures with little or no length and width. The dip and strike of overall geology remained at between 165-185 degrees Dip and 105-125 degrees Strike. The most notable occurrence is the massive deposit of iron pyrite in greenstone running a distance of about a kilometer and ranging from 40 to 100 ft wide. More work was planned to examine this deposit in more detail but was set aside this year for lack of funds.

Funding

Some difficulty was experienced near the end of the project. Although several additional sets of samples were gathered for assay, the depletion of available funds made it necessary to halt the project. We were unable to fulfill the requirements that 10% of the grant be used for assay purposes. Upon allocation of the first half of the grant to the program, a bank loan in the amount of $5000.00 was obtained and budgeted for the remainder of the program. Vehicle breakdown was costly and frequent, the result of poor logging road conditions and long term wet weather.

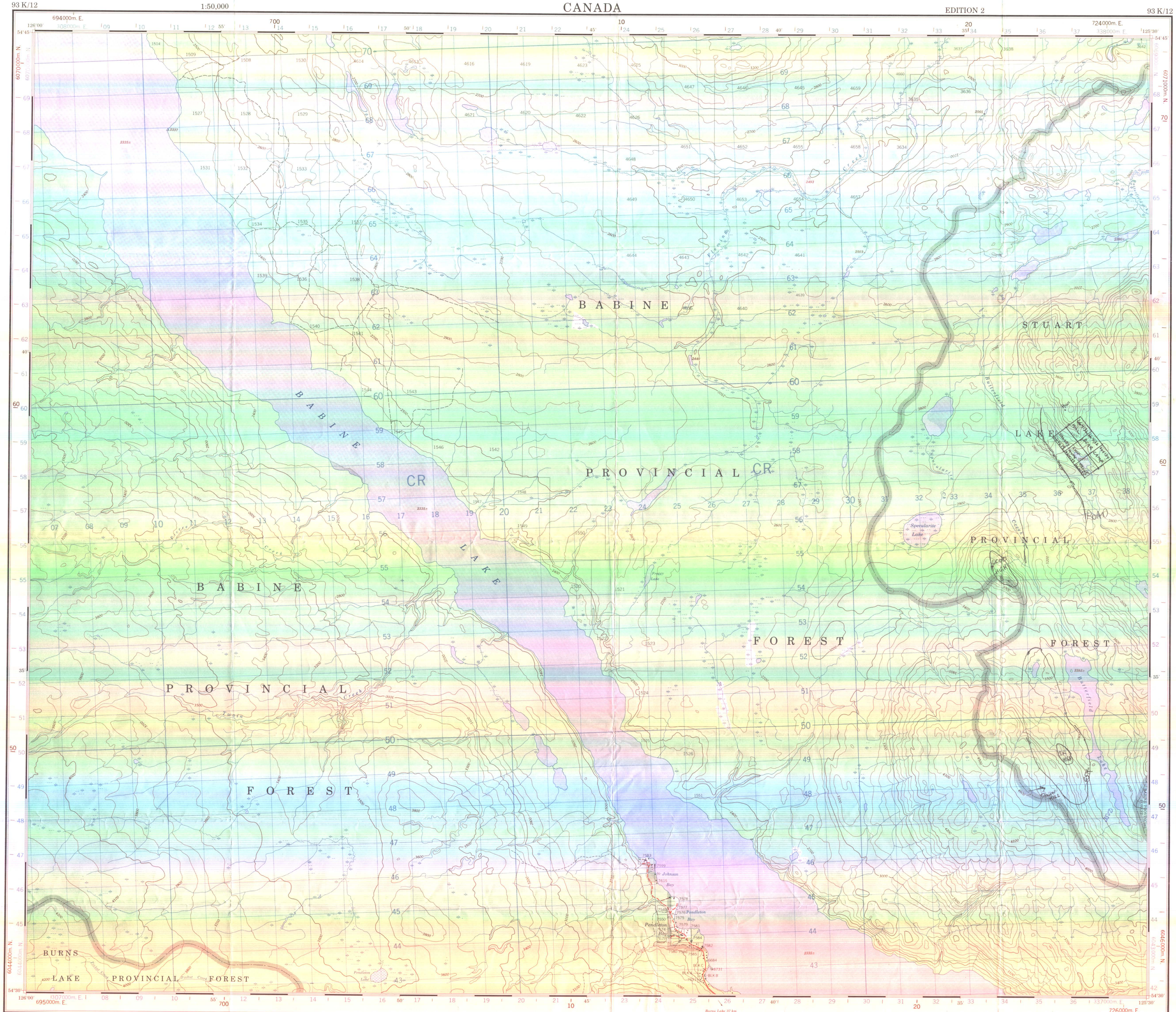
Problematic Aspects of Survey

Weather

The terrain of the area presented problems concerning production and at times safety. Inclement weather during most of the program also raised the level of difficulty, although long days and evenings were the rule rather than the exception.

Conclusion

It may be too early in the development of the property to hazard any guesses about the future of it. According to a geologist the area is interesting, the structure is a known one that could produce a body of interest. Sampling assays indicate the presence of several metals, however nothing beyond very small showings produced the minerals. It is my understanding that the principal stakeholder of the property will continue trenching next year in hopes of uncovering a body of minerals of value.



PENDLETON BAY

COAST LAND DISTRICT RANGE 5

BRITISH COLUMBIA

Scale 1:50,000 Échelle

Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Updated from aerial photographs taken in 1974. Culture check 1976. Information current as of 1976.

Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

Roads:	Routes:
loose or stabilized surface, all weather	gravier, aggloméré, toute saison (2 lanes or more / 2 voies ou plus; less than 2 lanes / moins de 2 voies)
loose surface, dry weather	de gravier, temps sec
unclassified streets	rues hors classe
cart track	de terre
trail, cut line or portage	sentier, percée ou portage

FOR COMPLETE REFERENCE SEE REVERSE SIDE — POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

CONVERSION SCALE FOR ELEVATIONS — ÉCHELLE DE CONVERSION DES ÉLÉVATIONS

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Élévations en pieds au-dessus du niveau moyen de la mer
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de photographies aériennes prises en 1974. Vérification des ouvrages en 1976. Renseignements à jour en 1976.

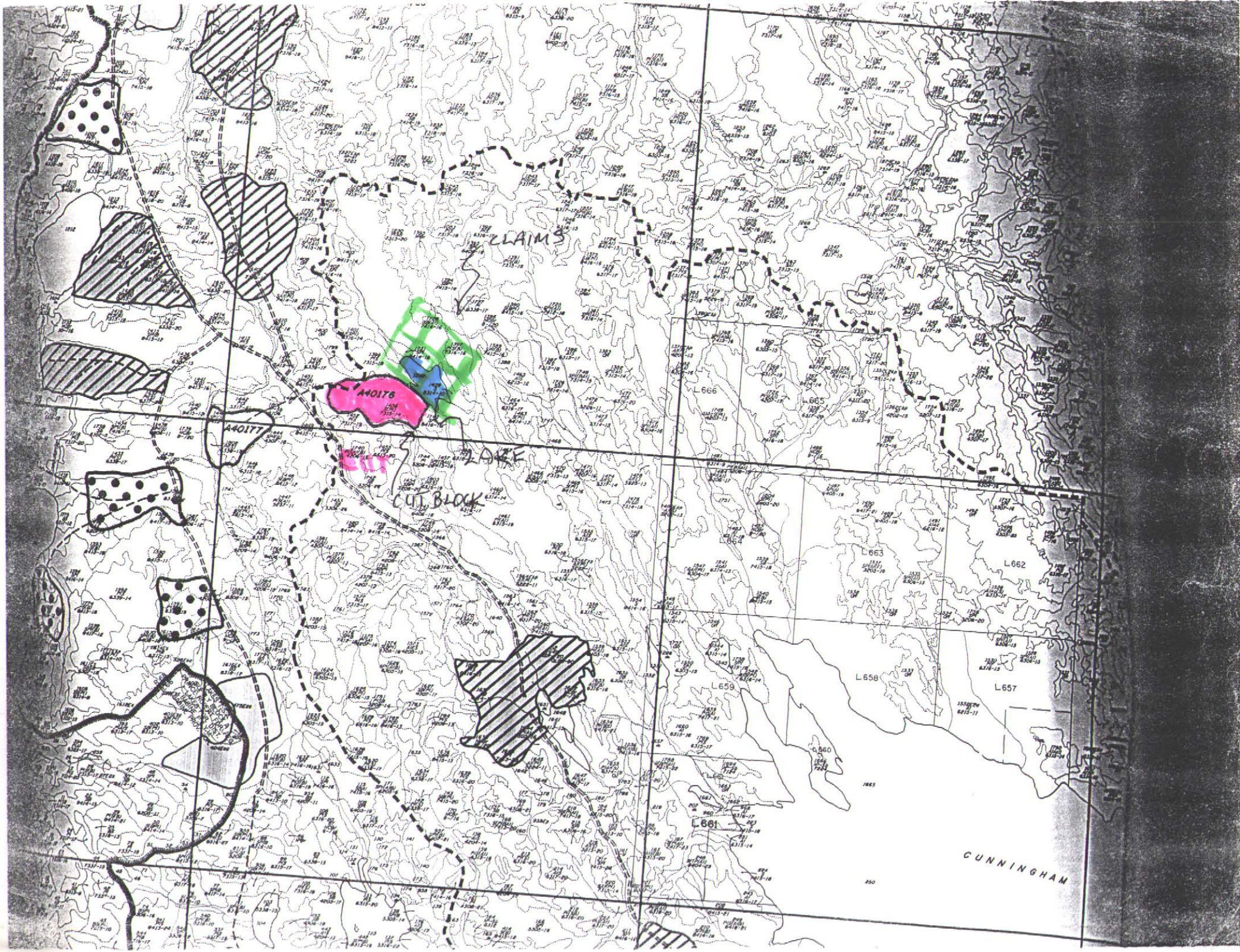
Ces cartes sont en vente au Bureau des Cartes du Canada, ministère de l'Énergie, des Mines et des Ressources, Ottawa, ou chez le vendeur le plus près.

INDEX TO ADJOINING MAPS OF THE NATIONAL TOPOGRAPHIC SYSTEM

93 L/16	93 K/13	93 K/14
93 L/9	93 K/12	93 K/11
93 L/8	93 K/5	93 K/6

97-26 pg. 14

PENDLETON BAY
93 K/12
EDITION 2


CLAIMS
A40176
A40177
CUT BLOCK
L666
L665
L664
L663
L662
L659
L658
L657
L660
L661
CUNNINGHAM

PROVINCE
OF
BRITISH COLUMBIA

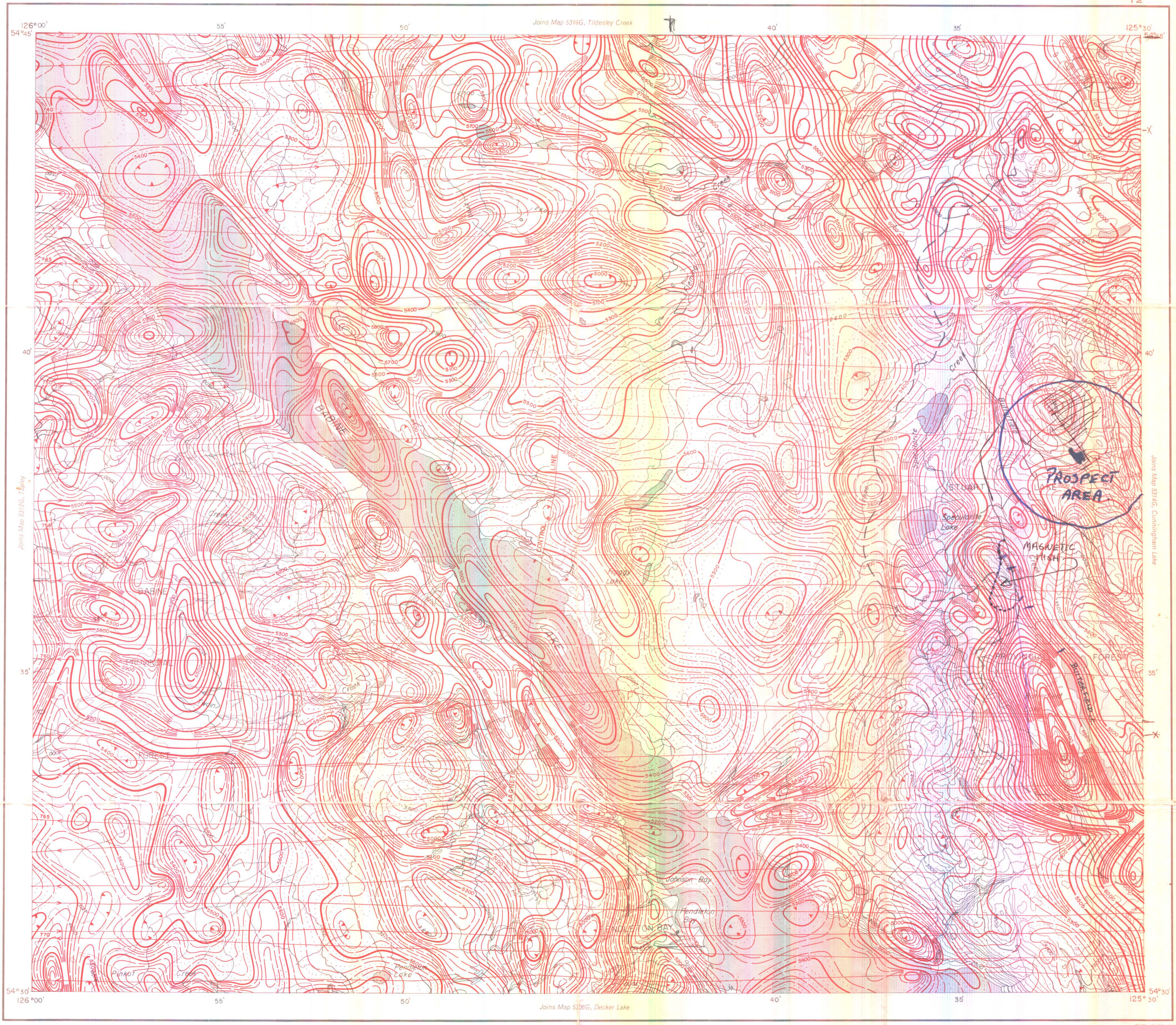
DEPARTMENT OF MINES AND PETROLEUM RESOURCES

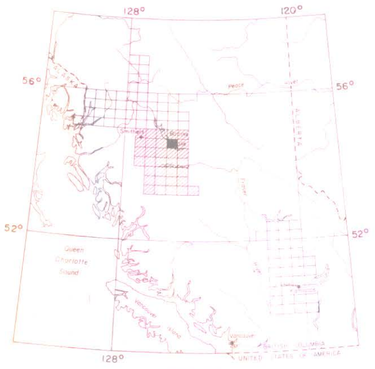
DEPARTMENT
OF
ENERGY MINES AND RESOURCES

GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 93 $\frac{K}{12}$





ISOMAGNETIC LINES (total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression

Flight lines
Flight altitude 1000 feet above ground level

MAP 5313G

SPECULARITE CREEK

BRITISH COLUMBIA

Scale: One Inch to One Mile = $\frac{1}{63,360}$

Miles

1 ½ 0 1 2 3

Airborne Magnetic Survey, September to November 1967 by Lockwood Survey Corporation Ltd.

The planimetry for this map was obtained from topographical map sheets published by the Department of Energy, Mines and Resources, Ottawa.

No correction has been made for regional variation.

The magnetic data on this map were compiled from information recorded along the flight-lines shown. The anomalies expressed by the magnetic contours are dependent on the variable magnetic intensities of the underlying rocks, and may be due to conditions near, or at unknown depths below the surface. High magnetic anomalies normally indicate the presence of basic rocks, such as diabase, gabbro, or serpentinite, which have a relatively high iron content, but in special instances may be due, or partly due, to concentrations of magnetic minerals. By means of the magnetic anomalies, various rock bodies or structural features, such as faults or folds, may be traced into, or across, areas of few or no outcrops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

PUBLISHED 1969

GEOPHYSICS PAPER 5313

SPECULARITE CREEK

BRITISH COLUMBIA

SHEET 93 $\frac{K}{12}$