

PROKLYCEPTOR GEOPHYSICAL REPORT
NO. 69-1080
LIZ and TAG Claims Group
116° W. - 49° N.
FOR ASPEN GROVE MINES LTD. (NPL)
APPROX. 2 MILES NW OF WYNNDEL, B.C.
SEPT. 11 TO SEPT. 30, 1969.

BY D.L. HINGS, P.Eng.
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This is report No. 69-1080
For Aspen Grove Mines Ltd., (NPL)
2 Miles NW of Wynndel, B.C.,
September 30th, 1969.

2022

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PLANS

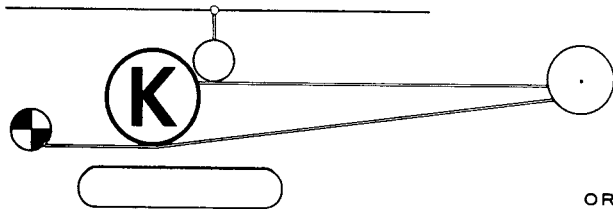
Magnetic Profiles

No. 69-1080-M

KLYCEPTOR INTERNATIONAL AIR SURVEYS LIMITED,
250 NORTH GROSVENOR AVENUE,
BURNABY 2, B.C.

Tel: 298-9619

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 2022 MAP



KLYCEPTOR
INTERNATIONAL AIR SURVEYS LTD.

ORIGINATORS OF GEOELECTROMAGNETIC SURVEYS BY AIR
CUSTOM GEOPHYSICAL INTERPRETATIONS

September 30th, 1969.

KLYCEPTOR GEOPHYSICAL REPORT NO. 69-1080 OF A MAGNETOMETER SURVEY OVER THE LIZ AND TAG CLAIMS GROUP, CONDUCTED FOR ASPEN GROVE MINES LIMITED, NPL., APPROXIMATELY 2 MILES NORTHWEST OF WYNNDEL, B.C. SEPTEMBER 11TH TO SEPTEMBER 30TH, 1969.

Purpose:

The purpose of the vertical field magnetometer survey was to determine the existence of anomalies that might be geologically significant in an area directly south of the area reported in the geophysical survey No. EM-68-1080 executed a year prior to this survey.

Location:

The survey was conducted over the LIZ and TAG claims approximately 2 miles northwest of Wynndel, B.C. 116° West and 49° North. The survey commenced on September 11th, 1969, and completed on September 30th, 1969. The survey was conducted under the supervision of R. Reece with instrument operator Wayne D. Mather.

Instrumentation:

The geophysical instrument utilized was a vertical force self-leveling fluxgate magnetometer manufactured by Sabre Electronics, Model M-100.

Geological Reference:

The geological reference has been from the Geological Survey of Canada, Memoir 228 by H.M.A. Rice of the Nelson Map Area, British Columbia. The specific area includes Wilds Creek on the east side of the Kootenay Valley just north of Duck Creek. Reference to the formations may be found on pages 9 and 10.

Presentation:

The presentation is in profile form utilizing the grid lines as the zero base reference with the scale being equal to one inch to 500 gammas, plus or minus zero or 55,500 gammas.

The principle grid lines are shown from coordinates 0 through to 25 on the plan M-69-1080. The station spacing varies from 25 to 100 feet with the closer spacing over the more anomalous features. In general the interpretation has been confined to linear anomalies that appear to be valid and are of insufficient strength to indicate any areas having minerals of high magnetic susceptibility. Correlation with the previous survey to the north is made, with the north grid lines of this survey being similar to the south grid lines of the previous survey, and the anomalies L1 and A1 being common to both. The 1968 survey was done with an EM instrument and the 1969 survey with a magnetometer.

Results:

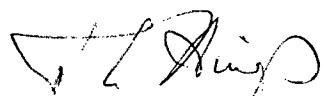
The L1 anomaly appears to be a continuation of the linear anomaly L1 of the previous survey indicating the fault strike and the A1 area striking south from L1, brackets the profiles showing the low magnetic intensities. The A1 Anomaly of the previous EM survey showed conductivity within this area.

The A1 area terminates on the linear anomaly L2 which appears to be the southeastern boundary of a fracture zone indicated as Z1. The linear anomaly L5 apparently terminating at L3 is the northwestern boundary and is close to the most active area in the survey.

The long linear anomalies L6, L7 and L8 appear to be valid.

Conclusions:

The fracture zone existing to the southeast of L5 within the zone Z1 is identified by the relatively strong polar changes. Both the A1 and Z1 areas warrant near surface investigation or a geochemical analysis. There is insufficient detail survey and geophysical information to warrant a drilling expenditure or even the choice of a drilling location, prior to obtaining more geological information from these anomalies.


D.L. Hings, P.Eng.,
Geophysicist.

A STATEMENT OF COSTS FOR 69-1080 GEOPHYSICAL SURVEY COVERING THE TAG AND LIZ CLAIMS NORTHWEST OF WYNNDEL, B.C., BY KLYCEPTOR INTERNATIONAL AIR SURVEYS LIMITED, SEPTEMBER 11TH TO SEPTEMBER 30TH, 1969.

Survey Crew:

R.L. Reece	6 days @ \$ 40.00	\$ 240.00	
W. Mather	7 days @ \$ 25.00	175.00	
R.F. Scott	2 days @ \$ 25.00	<u>50.00</u>	
		\$ 465.00	

Plus 100 % Overhead		<u>465.00</u>	
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\$ 930.00

Transportation:

Airlines	2 @ \$68.00	\$ 136.00	
4 x 4 Jeep Rental	7 days @ \$12.00	84.00	
1,000 miles @ .12¢ per mile		<u>120.00</u>	

\$ 340.00

Living Costs:

Motel	7 days @ \$12.00	\$ 84.00	
Meals	15 man days @ \$5.00	<u>75.00</u>	

\$ 159.00

Equipment:

Magnetometer	1 week @ \$60.00	\$ 60.00	
Misc. Supplies		<u>30.00</u>	

\$ 90.00

Data Processing & Drafting:

D.A. Cramer	4 days @ \$35.00	\$ 140.00	
Plus 100 % Overhead		<u>140.00</u>	

\$ 280.00

Interpretation and Report:

D.L. Hings, P.Eng.	2 1/2 days @ \$60.00	\$ 150.00	\$ 150.00
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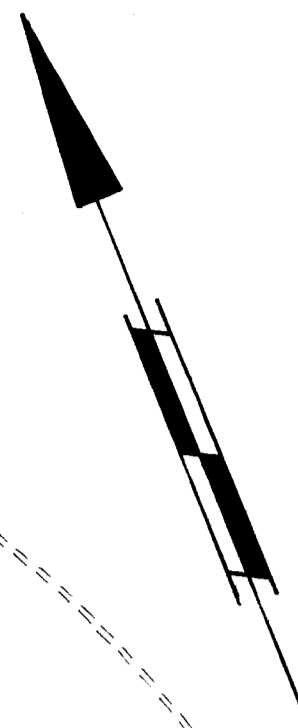
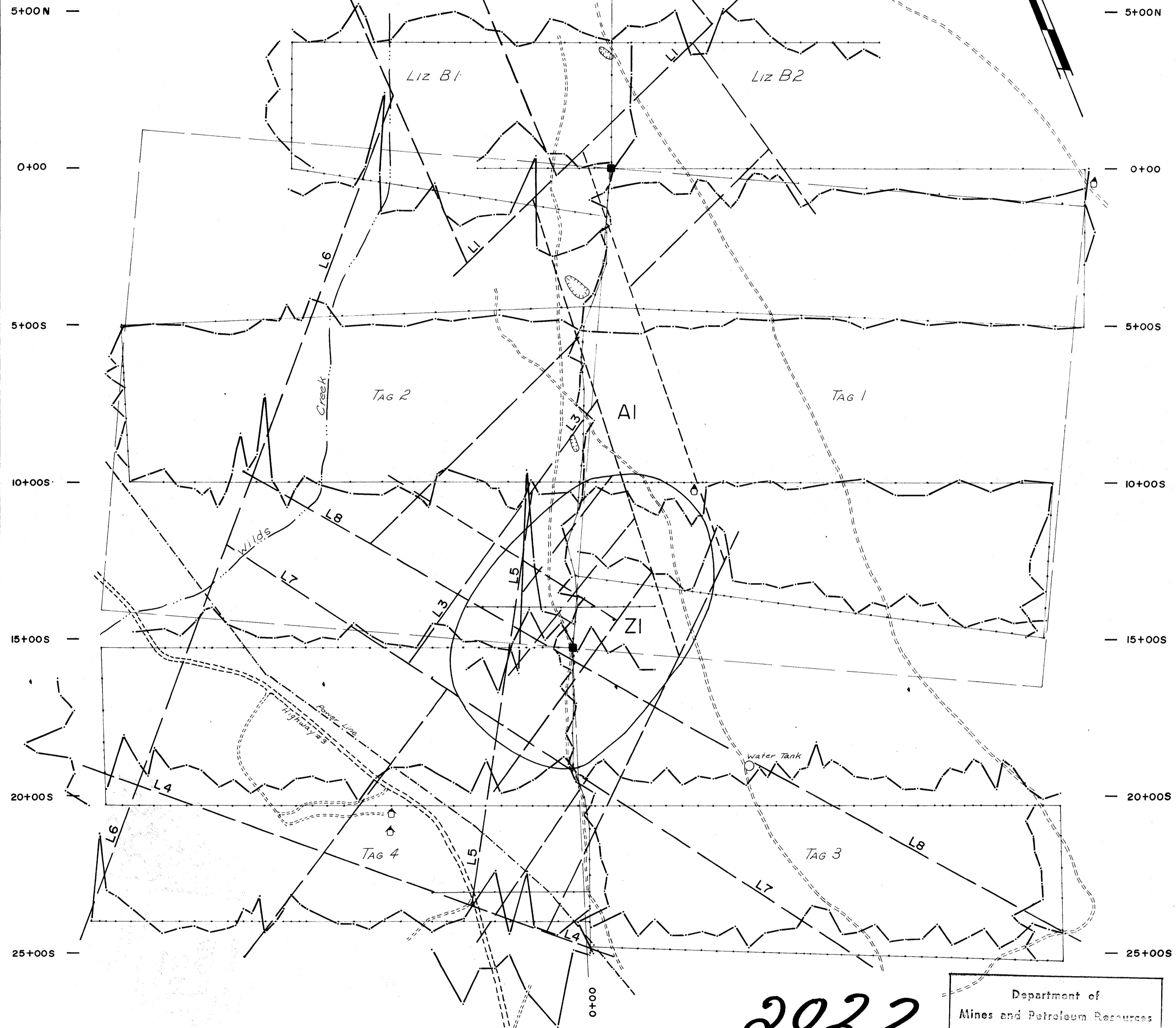
TOTAL			<u>\$ 1,949.00</u>
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Declared before me at the City
of Vancouver, in the
Province of British Columbia, this 3
day of October 1969, A.D.

[Handwritten signature]

Joan Sumner

A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia. **SUB-MINING RECORDER**



2022

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 2022 MAP #1

KLYCEPTOR GEOPHYSICAL SURVEY
TAG & LIZ CLAIMS WYNNDEL, B.C.
ASPEN GROVE MINES LTD.
SEPT. 1969 SCALE: 1" = 200' DWG. NO.: 69-1080-M
MAG. PROFILES
APPROVED: [Signature]

- NOTE:-
- SURVEY LINES & STATIONS
 - CLAIM LINE ■ CLAIM POST
 - TRENCH ○ BUILDING — ROAD
 - CREEK — POWER LINE
 - ZERO LINE = 55,500 GAMMAS (1" = 500')
 - FRACTURE ZONE
 - AREAL ANOMALY
 - LINEAR ANOMALY