

1756

THIS IS REPORT NO. EM-68-1015-D
FOR MIDNIGHT CONSOLIDATED MINES LTD.,
IN THE AREA OF McLEESE LAKE, B.C.,
MARCH 11th TO MARCH 27th, 1968.

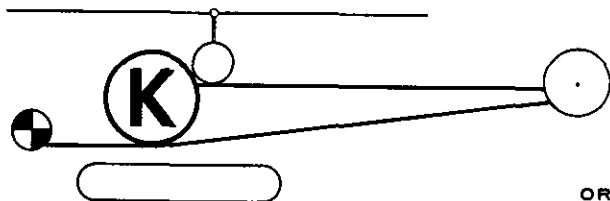
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EM Profile	EM-68-1015-D-2

KLYCEPTOR INTERNATIONAL AIR SURVEYS LTD.,
250 NORTH GROSVENOR AVENUE,
BURNABY 2, B.C.,
TEL: 298-9619.



KLYCEPTOR
INTERNATIONAL AIR SURVEYS LTD.

ORIGINATORS OF GEOELECTROMAGNETIC SURVEYS BY AIR
CUSTOM GEOPHYSICAL INTERPRETATIONS

March 28th, 1968.

KLYCEPTOR SUPPLEMENTARY GEOPHYSICAL REPORT NO. EM-68-1015-D
FOR THE MIDNIGHT CONSOLIDATED MINES LIMITED IN THE AREA OF
MCLEESE LAKE, B.C., DATED MARCH 11th TO MARCH 27th, 1968.

INSTRUMENTATION:

All work and presentation has been done according to the specifications in report EM-68-1015.

This survey constitutes an extension of the previous survey EM-68-1015 of January 16th to February 5th, 1968. The extension survey included 8.1 line miles of which 4.4 miles had 50 foot station spacing and 3.7 miles had 100 foot station spacing. The zones of geophysical activity outlined in the previous survey have been both extended and gridded in more detail. The northern sections are shown on our drawing No. EM-68-1015-D-2 and the southern portion of the survey is shown on drawing No. EM-68-1015-D-1.

RESULTS: (Southern Extension)

The extension of the lines between 20+00 West and 34+00 West to the south and between 24+00 North and 10+00 North, showed the southern boundary of the anomalous area indicated

by F1. This boundary follows very closely to L1 linear anomaly which in the previous survey was classified as CL1. The area south of F1 shows readings insufficiently strong for reliable interpretation.

The extension to the east from 15+00 West to 0+00 has disclosed a fracture zone south of the linear anomaly CL4. The cross fracturing of CL2 and CL3 have formed an area showing conductivity along the fracture strikes, with the best indications at the crossovers.

To the west and north of L4 an area of conductivity seems to exist along the strike of CL1 that appears to terminate to the south on the cross strike of CL5.

CONCLUSIONS:

The centre portion of the plan between CL5 and L2 shows very little conductivity with the exception of the CL4 strike. The anomaly A4 generally covers the most interesting crossovers in a general fracture zone.

RESULTS: (Northern Detail)

Plan No. EM-68-1015-D-2 indicates the increased detail lines surveyed over the zone Z1 and north of the zone Z3, of the previous survey.

The westerly Z1 zone had considerable detail work done with closely spaced lines, at 50 foot station readings. The claims BJ 37 - 40 cover this anomalous section. The heavy fracture patterns within the A1 area show a concentration of cross fracturing and patterns of linear conductivity. The structural linear formation L2 apparently is paralleled on each side by conductive interfacial strikes, as indicated by CL2. The south westerly conductive fracture, in alignment with L3, is the southerly limit of the main area of concentration in the A1 areal anomaly.

To the south a smaller fracture zone A3 appears to show better than average anomalies and also centers on the prominent L2 linear formations strike.

The area between 50+00 North and 70+00 North between 20+00 West and 32+00 West on the BJ 56 and BJ 58 claims shows a complex fracture pattern.

The A2 anomaly follows the strike of L1 and L3 combined with the cross fracturing of CL4, CL5 and CL6.

CONCLUSIONS:

The A2 anomaly as shown on drawing No. EM-68-1015-D-2 is comprised of cross fracturing wherein the fracture zones show conductivity with the strongest anomaly appearing on crossover points. The A1 and A2 have similar characteristics both being on the L3 strike, with prominent cross fracturing.

The A1 anomaly appears to be situated over more dense fracturing, plus the prominent structural formation L2.

The ragged anomalies in A1 indicate very little coverage to exist and it would be expected not to exceed 50 feet in most of the area.

To summarize, the areal anomalies are evaluated in accordance with the number value signified. Massive conductive areas are not apparent, however, interfacial conduction in faulting or fracture zones are prominent.

These immediate areas should respond to a geochemical survey.

KLYCEPTOR INTERNATIONAL AIR SURVEYS LTD.


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

DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA.
To Wit:

In the Matter of

Assessment Work on JP & BJ Claims
McLeese Lake area, Cariboo Mining
Division.

I, John H. Lefoley

of #806-840 Broughton St., Vancouver 5, B. C.

in the Province of British Columbia, do solemnly declare that With respect to an electro-magnetic survey on the following mineral claims:

JP-6-17-18

BJ-33 to 66

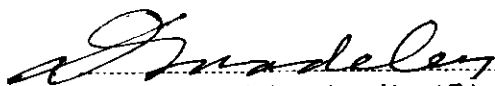
BJ-17-19-21

I have caused to be spent a total of \$3,597.15 as indicated in the accompanying geophysical report, signed by D. L. Hings, geophysicist of Klyceptor International Air Surveys Ltd.

The above claims are held by right of location by Midnight Consolidated Mines Ltd. (N.P.L.) and Mt. Hyland Mines Ltd. (N.P.L.).

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the TOWN
of QUESNEL, in the
Province of British Columbia, this 8
day of FEB, 1968, A.D.



A Commissioner for taking Affidavits for British Columbia or
A Notary Public in and for the Province of British Columbia.

In the Matter of

Assessment Work on JP and BJ

Claims in the McLeese Lake Area.

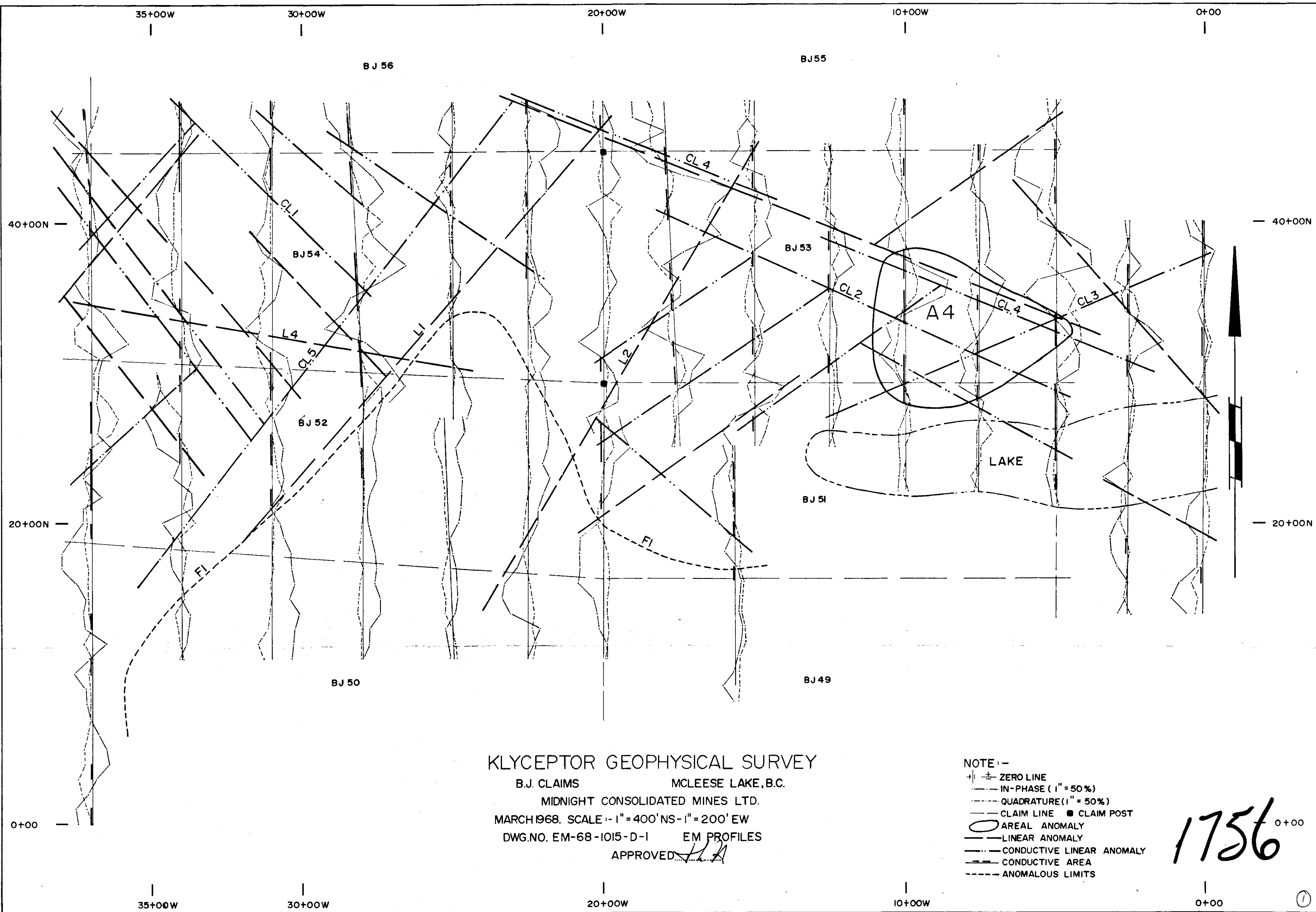
Cariboo Mining District

Midnight Consolidated Mines Ltd.

Mt. Hyland Mines Ltd. (N.P.L.)
(N.P.L.) and

Statutory Declaration

(CANADA EVIDENCE ACT)



KLYCEPTOR GEOPHYSICAL SURVEY

B.J. CLAIMS

MCLEESE LAKE, B.C.

MIDNIGHT CONSOLIDATED MINES LTD.

MARCH 1968. SCALE :- 1" = 400' NS - 1" = 200' EW

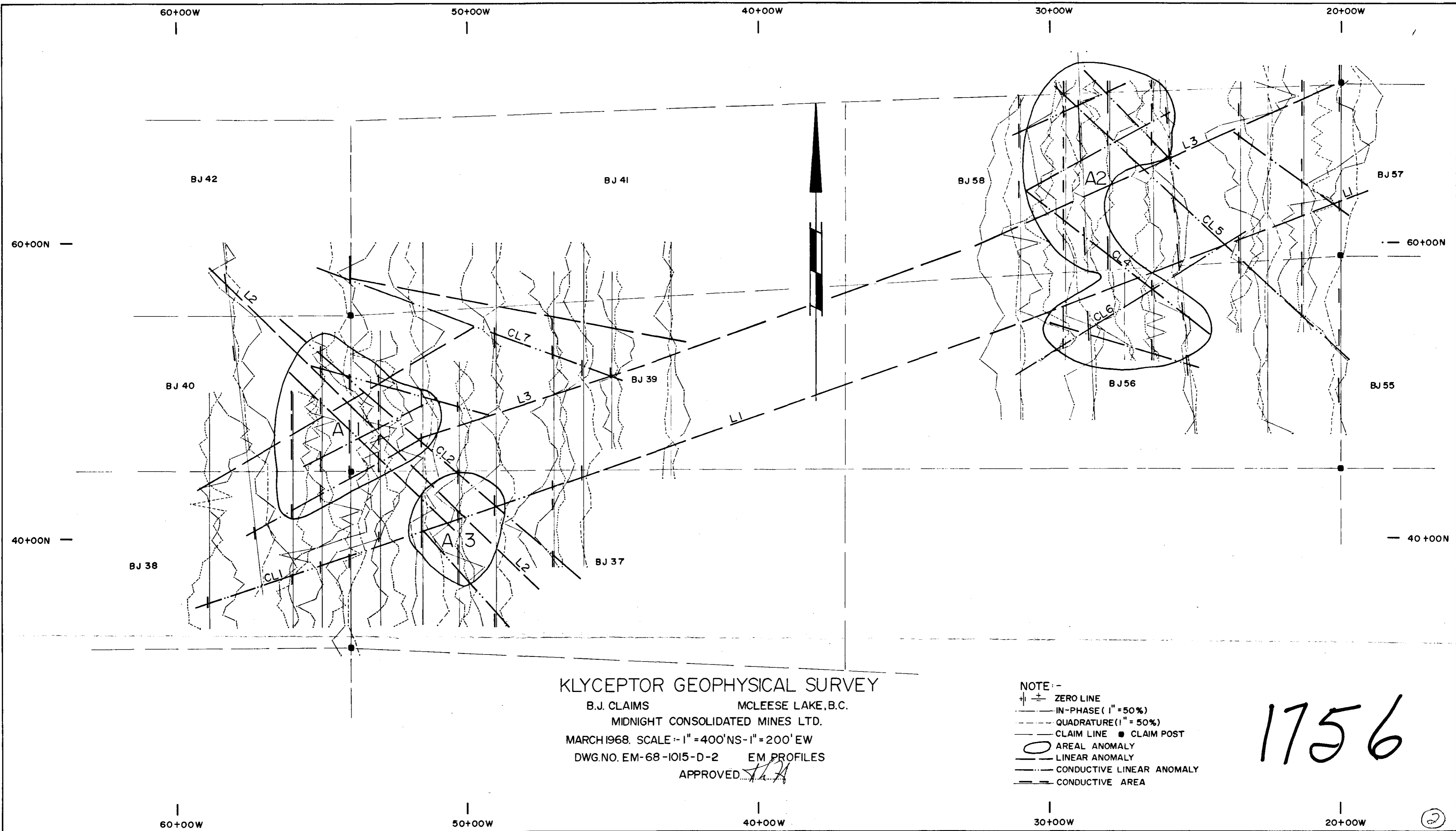
DWG. NO. EM-68-1015-D-1 EM PROFILES

APPROVED *[Signature]*

NOTE :-

- +|- ZERO LINE
- - - IN-PHASE (1" = 50%)
- · · · · QUADRATURE (1" = 50%)
- CLAIM LINE ● CLAIM POST
- AREAL ANOMALY
- LINEAR ANOMALY
- - - CONDUCTIVE LINEAR ANOMALY
- ▨ CONDUCTIVE AREA
- - - - - ANOMALOUS LIMITS

1756



KLYCEPTOR GEOPHYSICAL SURVEY

B.J. CLAIMS MCLEESE LAKE, B.C.
MIDNIGHT CONSOLIDATED MINES LTD.

MARCH 1968. SCALE: 1" = 400' NS - 1" = 200' EW

DWG. NO. EM-68-1015-D-2 EM PROFILES

APPROVED: *[Signature]*

- NOTE:-
- ± ZERO LINE
 - IN-PHASE (1" = 50%)
 - - - QUADRATURE (1" = 50%)
 - CLAIM LINE ● CLAIM POST
 - AREAL ANOMALY
 - LINEAR ANOMALY
 - - - CONDUCTIVE LINEAR ANOMALY
 - CONDUCTIVE AREA

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