

R E P O R T

Geophysical Survey (Magnetometer)

Claims Pooly No. 1 to No. 6 incl.

Claim Sheet 105-D-2, Carcross, Y.T.

September 2 - 9, 1962.

L. K. Lytle, P.Eng.

I N D E X

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In attached folder:

Plan of Claims, showing Magnetometer  
survey completed.  
Scale 1 inch = 200 feet.

Pooly No. 1 to No. 6 incl. Mineral ClaimsWindy Arm Area, Y. T.Claim Sheet 105-D-2, Carcross, Y.T.CLAIM GROUP:

The group consists of six contiguous claims, Pooly No. 1 to No. 5 incl., No. 77823 to 77827 incl., and Pooly No. 6. These are located in the Windy Arm Area South of Carcross, and about one mile southeast of Montana Mountain.

REASON FOR SURVEY:

The claim group is entirely covered by overburden except for a small area of outcrop in the northwest portion of claim Pooly No. 1 at the crest of the steep bank above Montana Creek. It was decided to run a magnetometer survey over the claims as an aid to interpreting the structure under the large area of overburden.

MAGNETOMETER SURVEY:

A grid was laid out with the base line along the east boundaries of claim Pooly No. 1 to No. 4. Lines were turned off at right angles and extended 1500 ft., westerly to the western claim boundaries. The lines were chained with pickets being set at 100 ft., intervals along the 3.5 miles of line.

The survey was run using an Askania vertical torsion magnetometer. Readings were taken at 100 ft., intervals with hourly checks for diurnal change. The values of the readings shown on the plan are the values of the actual readings taken after corrections for diurnal and daily variation.

The topography in the southern portion of claims Pooly No. 4 and No. 1, was too rugged for magnetometer set-ups. The survey was not completed over the remainder of claims Pooly No. 1, 5 and 6 due to two heavy blizzards which blocked the access road. The completion of the survey on these claims has of necessity been left until next season.

RESULT OF SURVEY:

The survey results are plotted on the enclosed plan. The magnetic contours have been plotted at fifty gamma intervals.

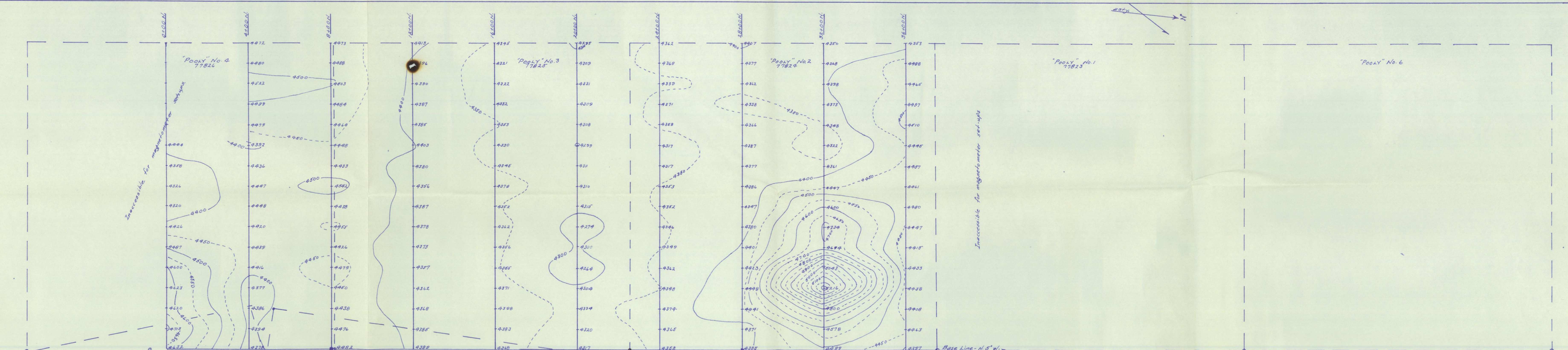
A small magnetic anomaly occurs in the northeast portion

of claim Pooly No. 2 and one is indicated to occur in the central east portion of claim Pooly No. 4. It is not presently evident whether these are due to rock types or to mineralization. Further interpretation of the survey results is not presently possible. The program is to complete the survey next season and to do geological mapping of the area. When this additional work is completed it is expected that it will be possible to further interpret the structure under the covered area.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "L. K. Lytle".

L. K. Lytle. P.Eng.



"Joe Petty" L. 30

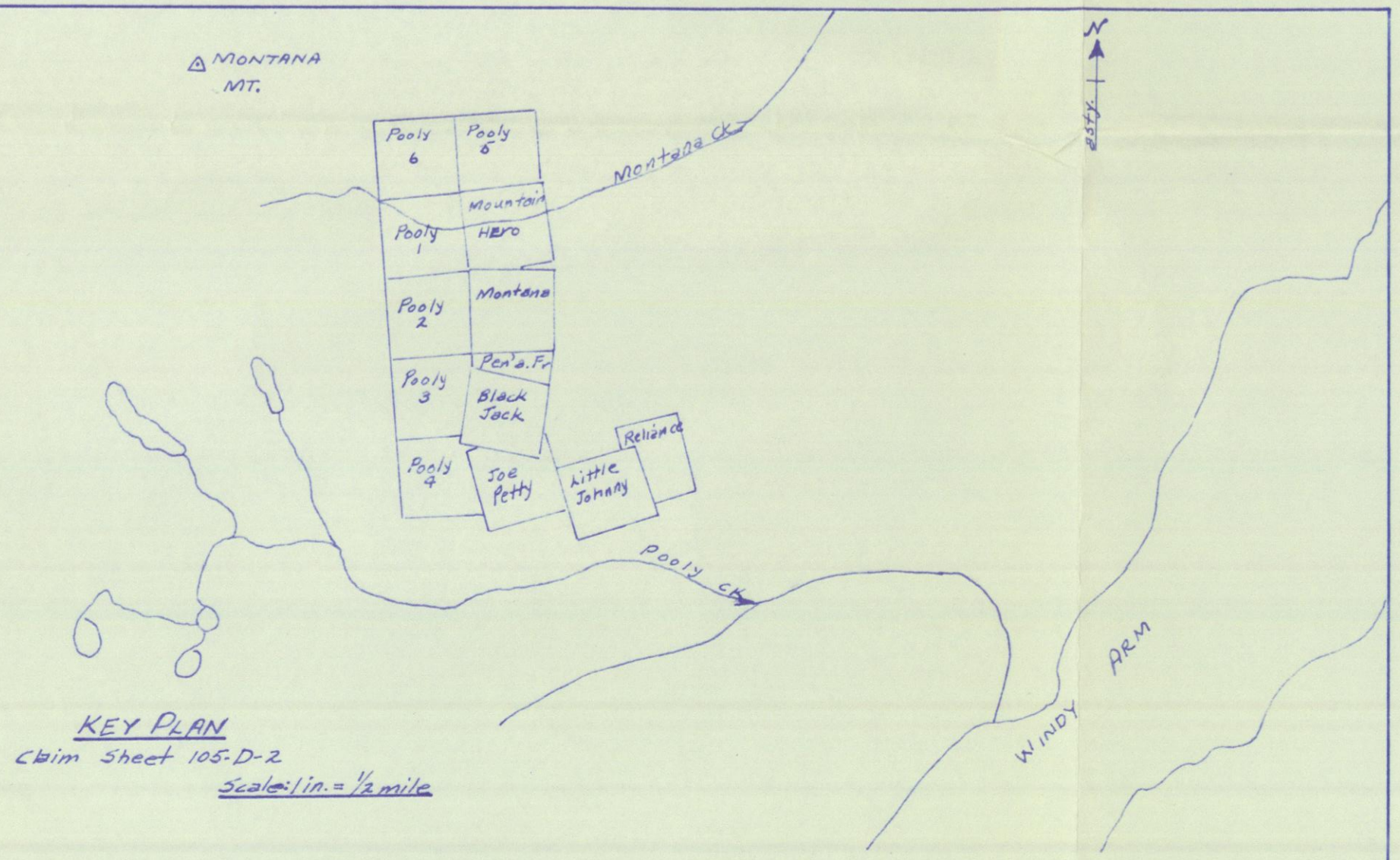
"Black Jack" L. 33

"Penwatha" FR. 76322

"Montana" L. 34

"Mountain Hero" L. 35

"Pooly" No. 5 77827

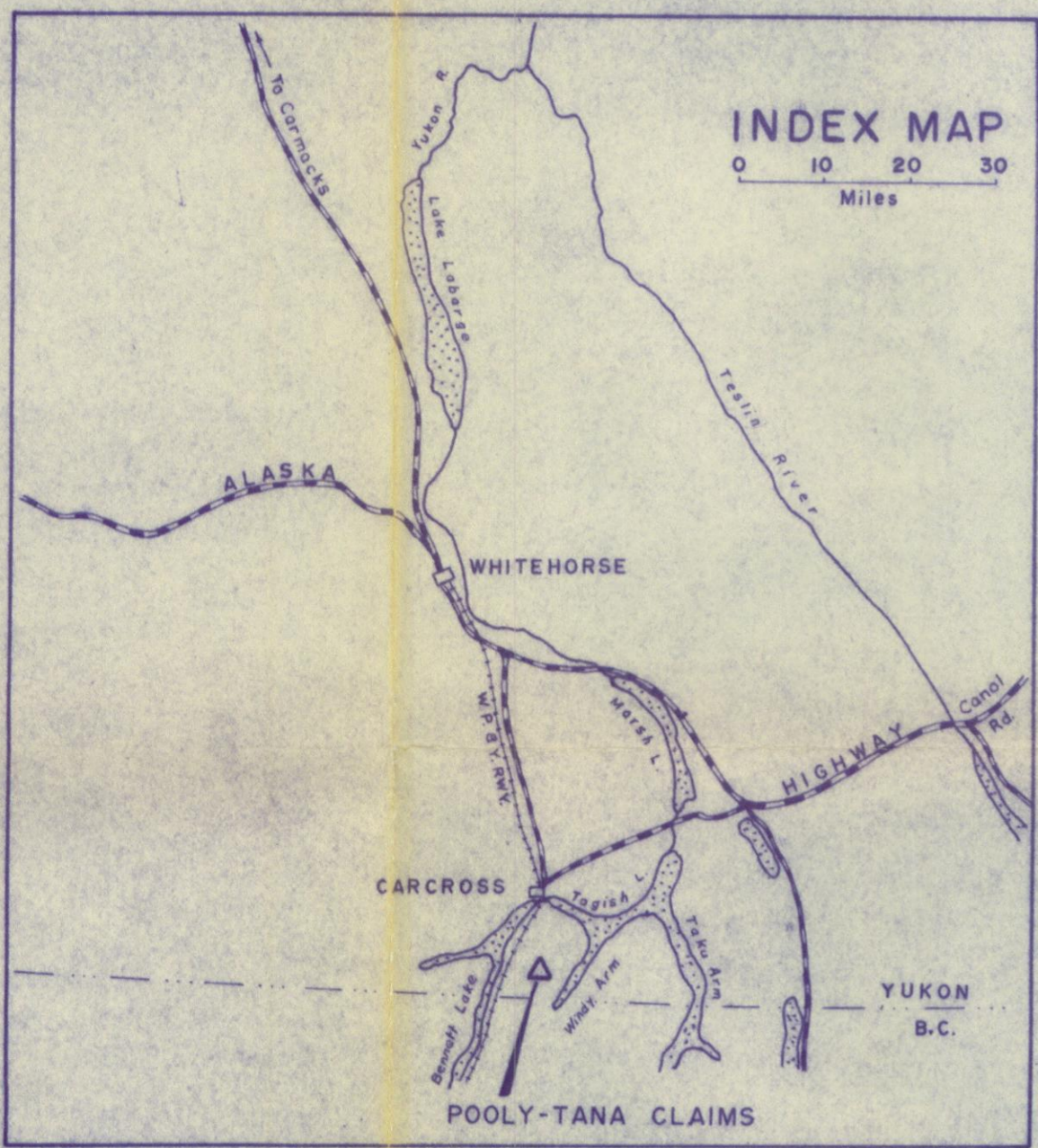
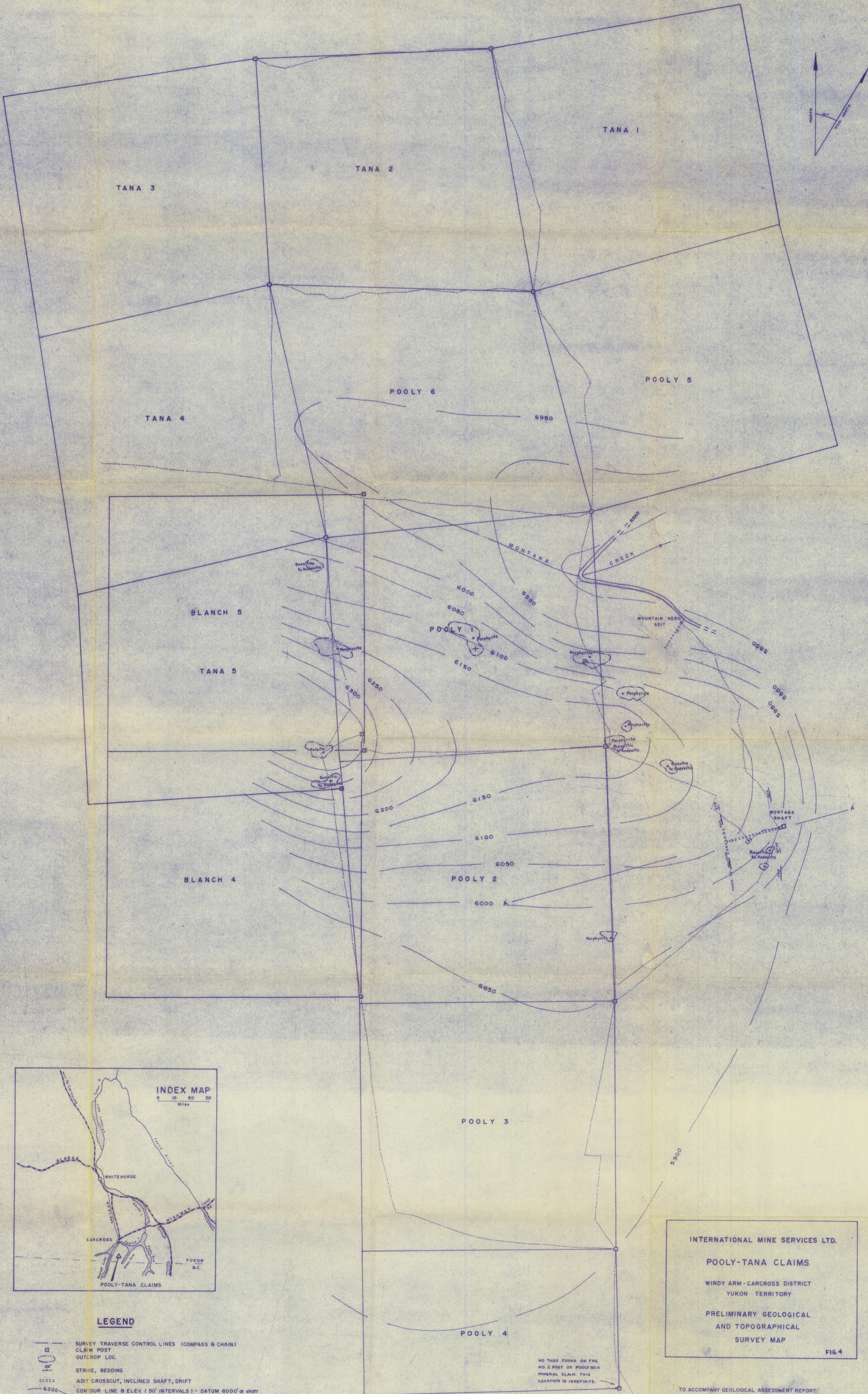


**PLAN OF CLAIMS**  
**POOLY No. 1 to No. 6**  
 77823 - 27 incl. +  
 CLAIM SHEET 105-D-2, CARCROSS, Y.T.  
 SHOWING MAGNETOMETER SURVEY COMPLETED  
 TO SEPTEMBER 8, 1962.

Scale: 1 in. = 200 ft.

- LEGEND**
- Location of magnetometer reading and corrected value in gammas
  - Magnetometer base station
  - Magnetic contour at 100 ft interval
  - - - Magnetic contour at 50 ft interval
  - - - Claim line, approx.
  - Claim post
  - Picket line

September 24, 1962.  
 R.K. Smith, P.S.G.



- LEGEND**
- SURVEY TRAVERSE CONTROL LINES (COMPASS & CHAIN)
  - CLAIM POST
  - OUTCROP LOC.
  - STRIKE, BEDDING
  - ADIT CROSSCUT, INCLINED SHAFT, DRIFT
  - CONTOUR LINE @ ELEV. (50' INTERVALS) - DATUM 6000' at shaft
  - MONTANA SHAFT LOC.
  - MONTANA VEIN

NO TAGS FOUND ON THE NO. 2 POST OF POOLY NO. 4 MINERAL CLAIM. THIS LOCATION IS INDEFINITE.

INTERNATIONAL MINE SERVICES LTD.  
 POOLY-TANA CLAIMS  
 WINDY ARM - CARCROSS DISTRICT  
 YUKON TERRITORY  
 PRELIMINARY GEOLOGICAL  
 AND TOPOGRAPHICAL  
 SURVEY MAP  
 FIG. 4

TO ACCOMPANY GEOLOGICAL ASSESSMENT REPORT  
 POLLY CLAIM GROUP, by D. WAUGH, Geo., May 27/68

SCALE: 1" = 200'  
 July 1967 D. Waugh