

To

Date

November 19, 1975

From

Subject Evex Claims - Preliminary Evaluation

013607

Twenty-six Evex claims, located southeast of Bruce Lake, Y.T. in map area 105 F 16, were staked in late 1975 by M. Early, Prospector. The property was presented to Cyprus Anvil on November 18, 1975 for option consideration.

Sufficient published and private company data was available to make a preliminary evaluation leading to the conclusion that the potential for lead-zinc deposits in the stake area is small.

Outcrop is not known to be present on the claims themselves but Tertiary volcanics and preCambrian schists have been mapped several miles to the east. The volcanics give a strong positive magnetic response, as shown on the government magnetic map (1403G). This magnetic anomaly can be traced on to the Evex claims and the magnetic peak is covered by the claims, indicating that the area is underlain by highly magnetic - probably basic - igneous rocks.

Previous work in this area by Newmont Mining Company shows the presence of copper (maximum value 0.28%) and nickel (all assays below 0.1%).

Follow-up is not recommended on the Evex claims at the present time.

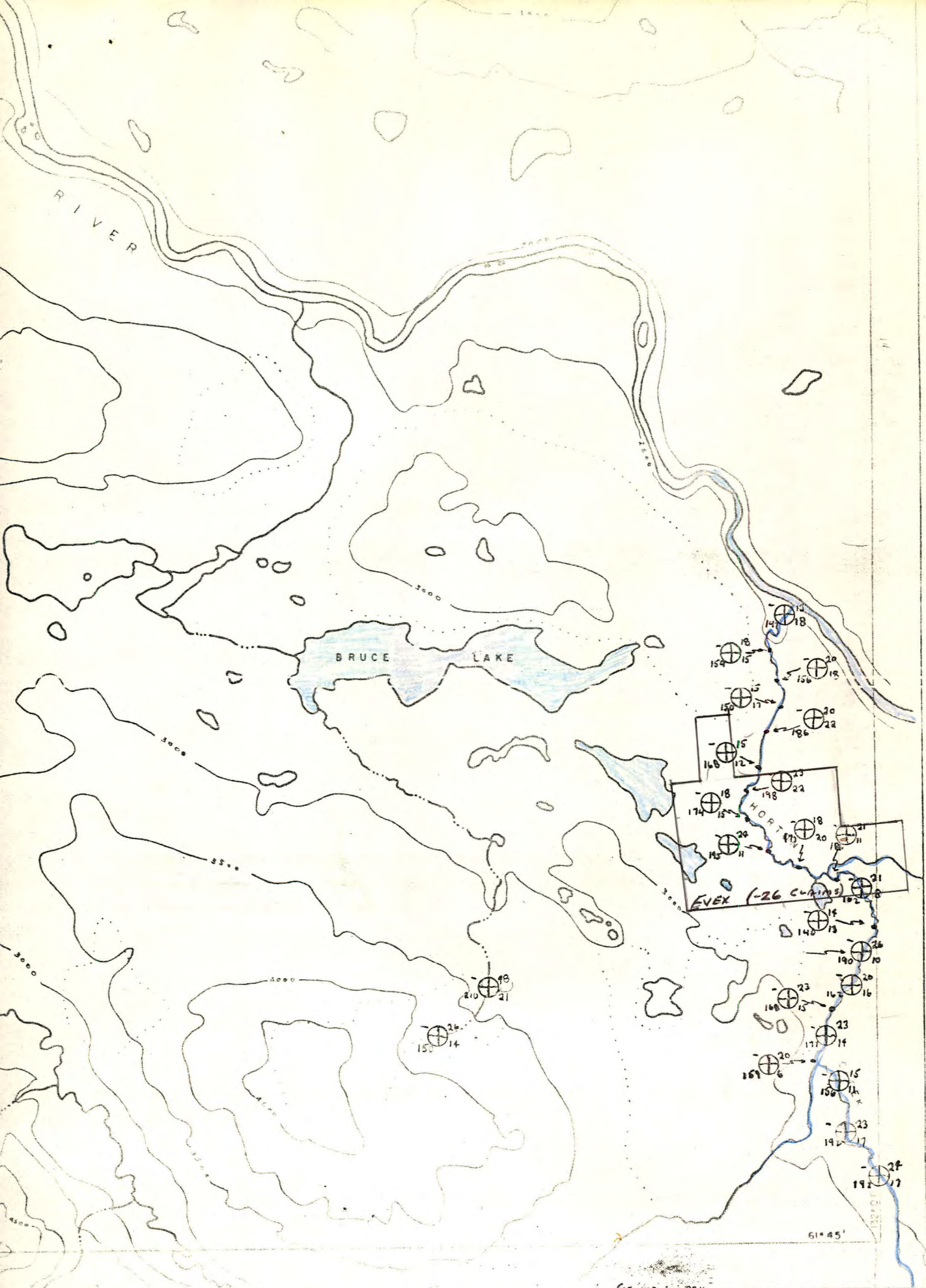
U. JANSONS

UJ/cb



EVEK CLAIMS
 BRUCE LAKE AREA Y.T.
 NTS - 105-F-16

CREEK
 132.00
 (1915)



Geochem. in ppm



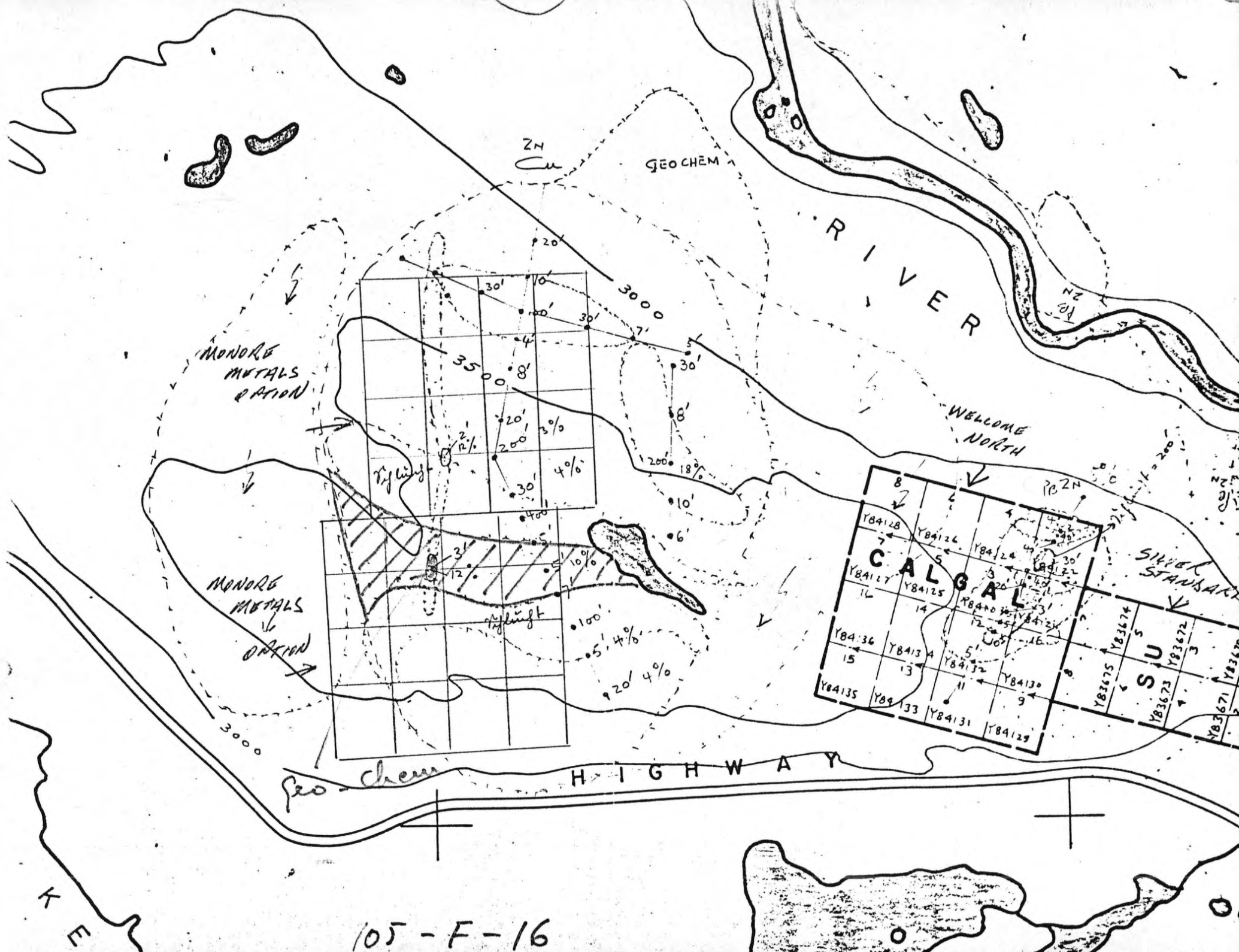
105-F/16

GEOCHEM

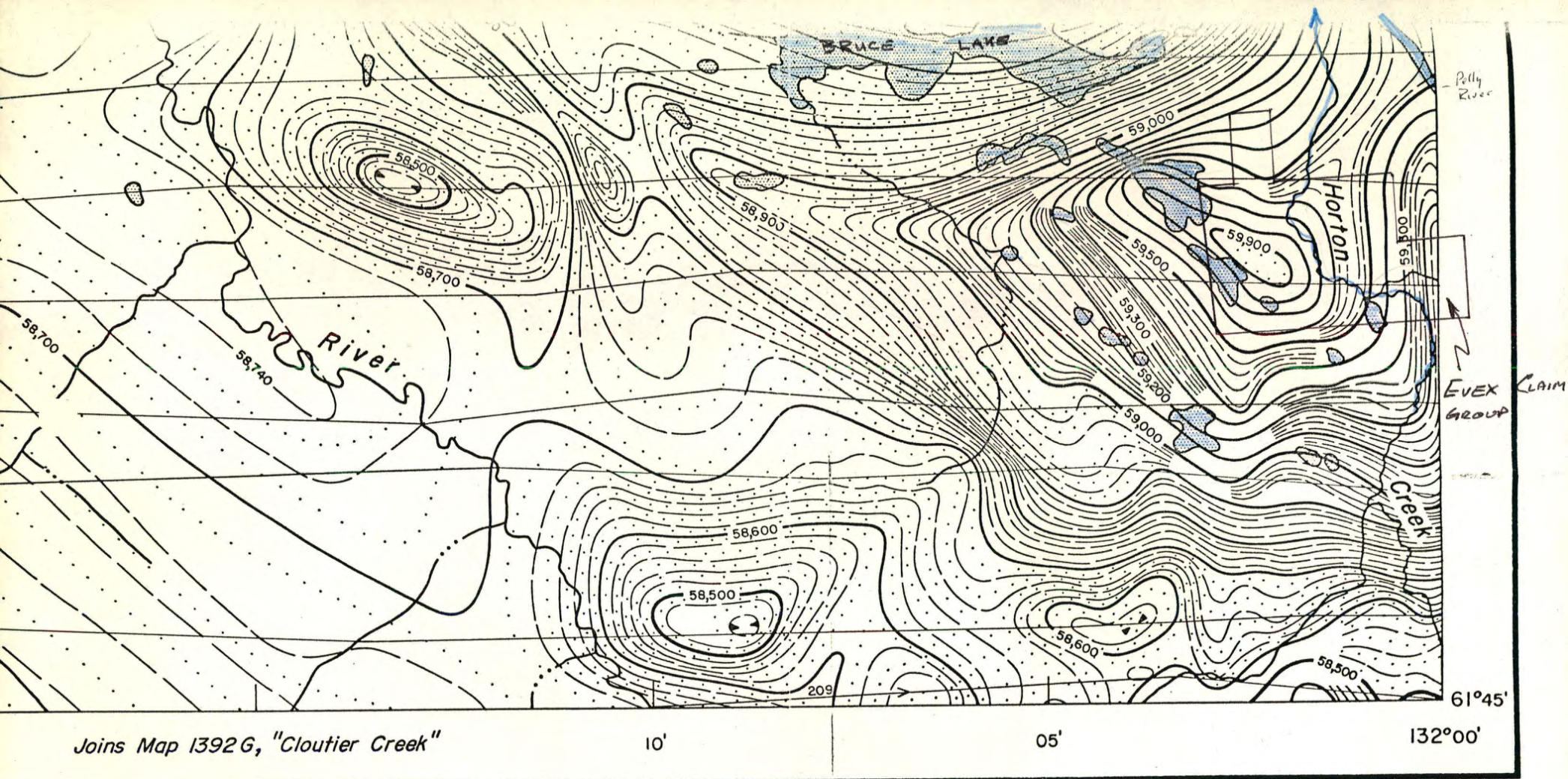
ATLAS EXPLORATION



Adams Map 8-1950, 1:50,000 Scale



105-F-16



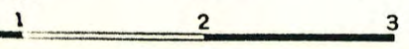
PUBLISHED, 1963

MAP 1403G

ROSS RIVER

YUKON TERRITORY

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



Airborne Magnetic Survey, June to September, 1961,
by Aero Surveys Ltd.

No correction has been made for regional variation.

The planimetry for this map was obtained from
topographical map sheets, published by the Department
of Mines and Technical Surveys.

The magnetic data on this map were com-
recorded along the flight lines shown. The anom-
magnetic contours are dependent on the variable
the underlying rocks, and may be due to condition
depths below the surface. High magnetic anom
the presence of basic rocks, such as diabase, gabb
have a relatively high iron content, but in special
or partly due, to concentrations of magnetic ore
the magnetic anomalies, various rock bodies or s
as faults or folds, may be traced into, or across, a
crops. In many instances, however, no interpret
omalies may be possible without further geologic

105 F-16

Photographic enlargements of this map area may be obtained
from the Department of Geographical Library, Topographical

NEW 1975

Property Name: Common CHUNG Other

Location: Lat. 61°51' Long. 132°09' NTS 105F/16

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as SU c1 (Y83668) in Oct/74 by Hung-Ping Chung.

Description:

Claims occur in an area of scattered small outcrops of unit A schist surrounded by thick glacial drift.

Dated - 1975.

References:

Property Name: Common BRUCE LAKE Other
Location: Lat. 61°49' Long. 132°03' NTS 105F/16
Metals: Major Nickel Minor Copper
Type of Mineral Deposit: Magmatic
History and Previous Work:

Mineralized float was reportedly found in the area about 1954 or 1955. Following the release of G.S.C. aeromag maps, Newmont staked the Mag cl (86401) in April/63. Newmont conducted further airborne mag and EM surveys and prospected the adjacent area in 1963. Old pits and claim posts were found on Horton Creek, about 2000 ft north of the highway. The area was restaked in June/65 as Sas cl (89119) by Frobex Ltd. (British Metals Can L, Conwest and McIntyre Porcupine ML), which drilled 3 holes (827 ft) in May/66 and formed a new company to develop the claims, Bruce Lake ML. A further 4 holes (1429 ft) were drilled in May/68 in a joint venture with Augustus EL.

Description:

The nickeliferous float was reportedly a fine-grained black rock. Newmont discovered sulfides in two locations- on the north side of Float Lake, and on Horton Creek below the highway. This was greyish green pyroxenite with up to 25% pyrrhotite. The highest copper assay obtained was 0.28% and all nickel assays were below 0.1% Ni. The drilling was done on EM and mag anomalies on the north side of Float Lake and cut scattered sulfides in a serpentized peridotite sill.

References:

P64-36, pp42-43
 ER, Sept/63 by M.R. Keys for Newmont.