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CONSULTING MINING ENGINEER

PRELIMINARY REPORT  
ON THE

060460

PHIL 1-8 and HANK 1-8 MINERAL CLAIMS  
MINTO AREA  
WHITEHORSE MINING DISTRICT  
YUKON TERRITORY

N.L. 62°-37'

W.L. 136°-55'

**115-I-10**

FOR

MINEX DEVELOPMENT LTD.  
(N.P.L.)  
210-470 GRANVILLE STREET  
VANCOUVER, BRITISH COLUMBIA

BY

A. F. ROBERTS, P.ENG.

FEBRUARY 1, 1974

VANCOUVER, B.C.

**PROSPECTUS  
REPORT**

Received May 28/74

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MAPS

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REFERENCES

5) G.S.C. MEMOIR 189, CARMACKS DISTRICT, YUKON, H.S. BOSTOCK, 1936	
GEOLOGY MAP 340A 1:253,440	
TOPOGRAPHIC MAP 115-I-10, MINTO 1:250,000	
AEROMAGNETIC MAP 3314G (DARK CREEK))	
3332G (MINTO) )	1:63,360
CLAIM MAP 115-I-1 ½" = 1 mile	

SUMMARY

The PHIL - HANK Group of sixteen claims is a base metal prospect.

The lithological units within the group consist of gabbro, diorite and volcanic flows with some tuffs, agglomerate and breccia. Sulphides have been reported within the diorite.

Structurally, a strong fault zone, probably associated with the Tintina Trench structure, is south and west of the group.

The claims cover a magnetic high anomaly.

This property is considered a good location bet in a good geological environment for base metal deposits.

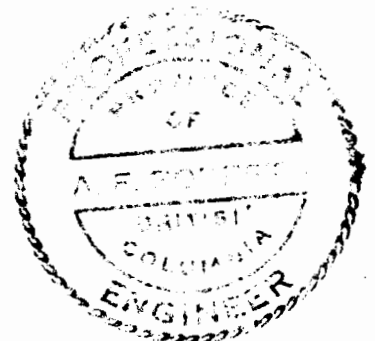
Therefore, it is recommended that a \$17,000.00 program be spent on the property for geological mapping, and a geochemical - magnetometer survey.

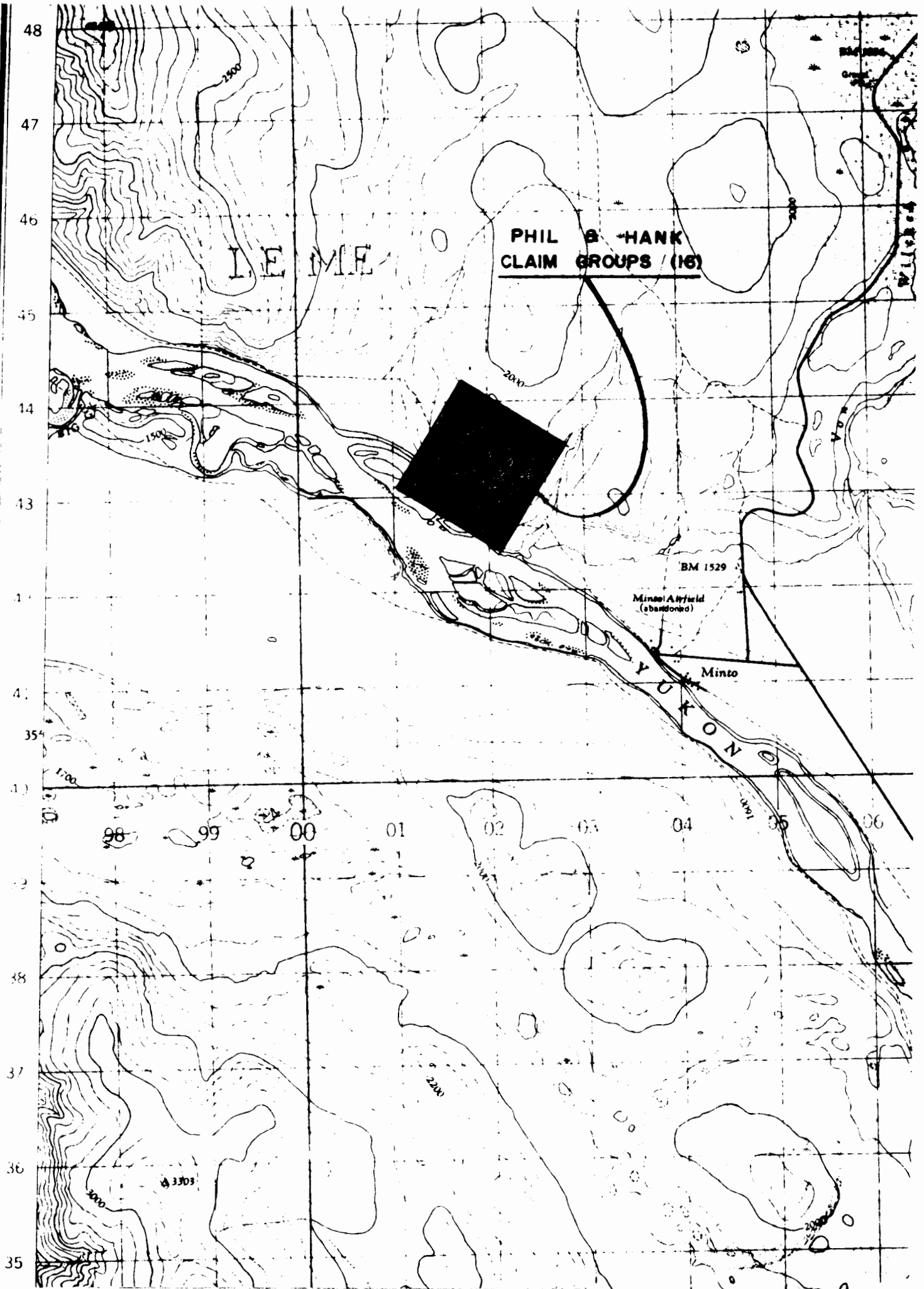
Respectfully submitted,



A. F. Roberts, P.Eng.

February 1, 1974





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36

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LEME

**PHIL & HANK  
CLAIM GROUPS (16)**

BM 1529

Mines A/W field  
(abandoned)

Minto

YUKON RIVER

98

99

00

01

02

03

04

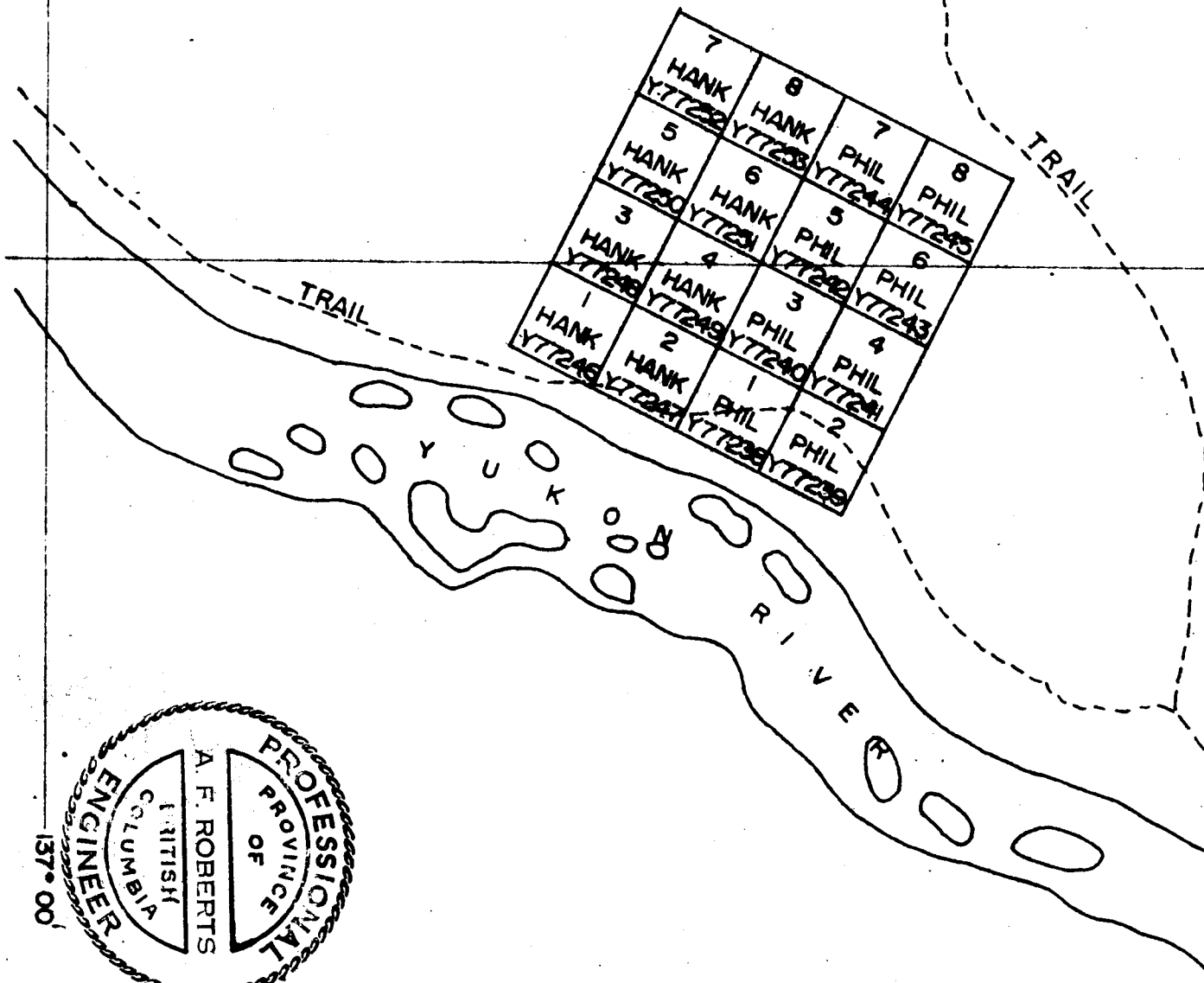
05

06

3303



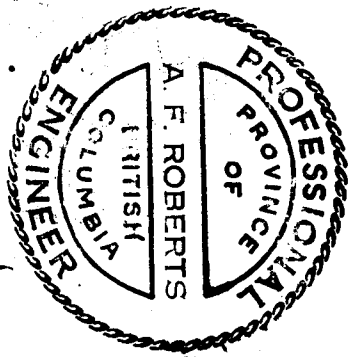
62° 37' 30"



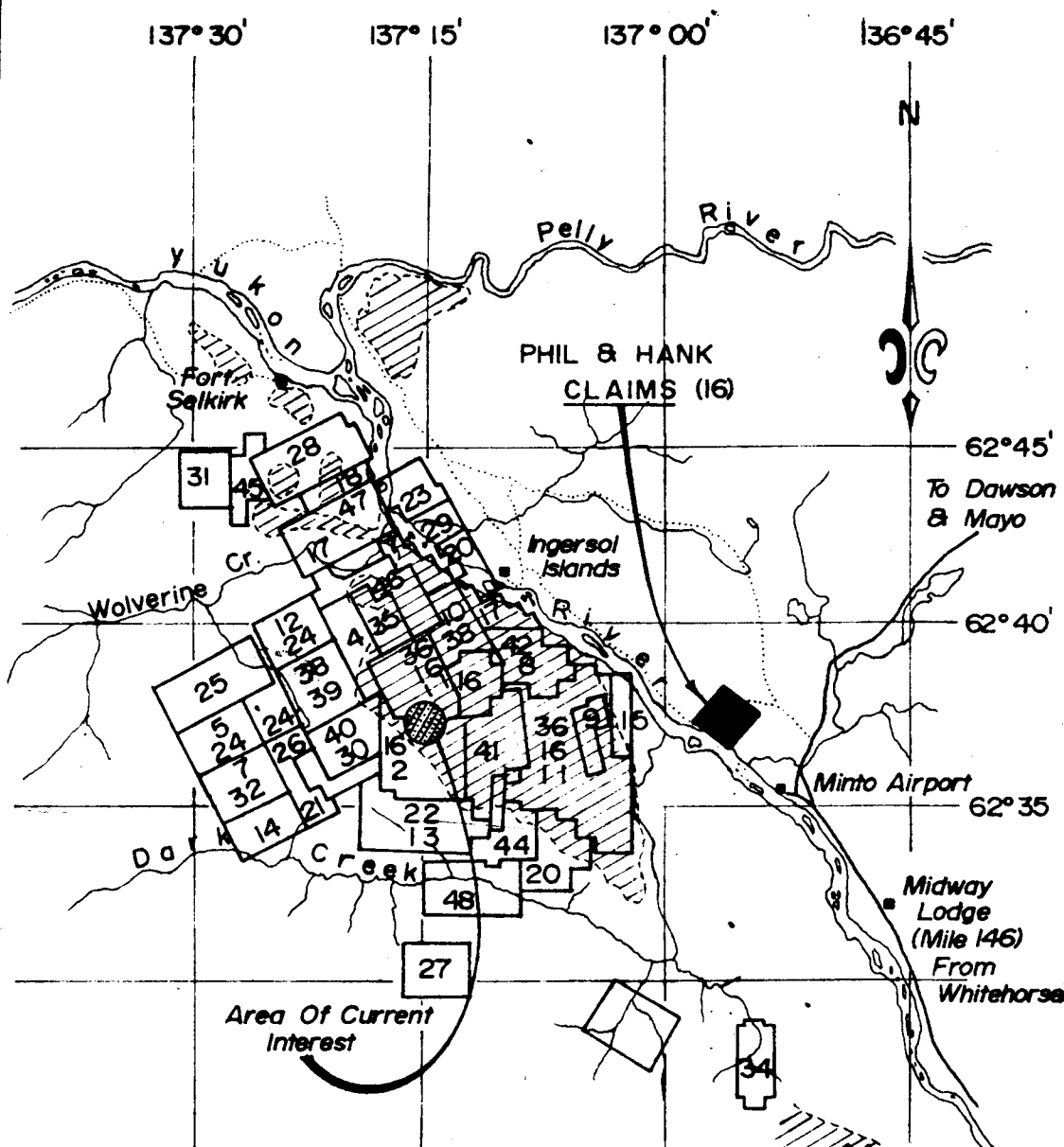
CLAIM PLAN  
PHIL AND HANK CLAIMS  
YUKON CLAIM SHEET  
115-I-10

Scale: 1 inch = 1/2 mile  
Drafted by: 2HANDS+.  
January 1974.

One mile to  
MINTO AIRPORT



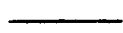
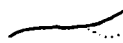




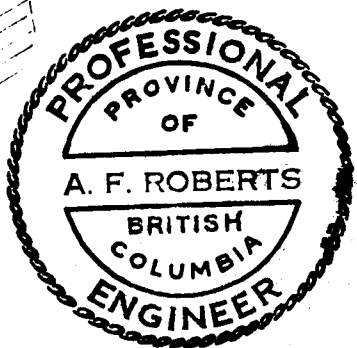
137° 00'



- 1 Apri Group
- 2 American Smelting
- 3 Bay Group
- 4 Black Giant Mines Ltd.
- 5 Blue Group
- 6 Ben Group
- 7 Brendon Res.
- 8 Bow River
- 9 Coin Group
- 10 Consol. Str'd
- 11 Canadian Superior
- 12 Colt Group
- 13 Dark Group
- 14 Feb Group
- 15 Fed Group
- 16 Falcon Bridge Nickel
- 17 Fromme Gp. (Wo, M, Cu.)
- 18 Fox Group
- 19 Hank Group
- 20 Jim Groups (2)
- 21 Jan Group
- 22 Klondike Expl.
- 23 Mac Group
- 24 Mintonia Devel.
- 25 Mollye Group
- 26 Mar Group
- 27 Norwich Res.
- 28 O Group
- 29 Poi Group
- 30 Pinnacle Mines
- 31 Pin Group
- 32 Red Group
- 33 Silver Standard
- 34 Tim Group
- 35 Tay River
- 36 United Keno Hill
- 37 Vargas & Colt Res.
- 38 Wain Group
- 39 Wainoco Oils & Min.
- 40 Yukon Gold
- 41 Dawson Range Syn.
- 42 Northair Mines
- 43 Phil Group
- 44 Ir Group
- 45 Win Group
- 46 NRD Group
- 47 Wo Group
- 48 Dynasty Expl.

**Legend**

-  Copper Mineralization
-  Granite-Granodiorite Syenite Complex
-  Claim Boundary Line
-  Main Road, Trail
-  River
-  Settlement



**MINTO CLAIMS MAP**  
**YUKON TERRITORY**  
 Scale: 1 inch = 5 Miles (Approx)

Drawn from information believed to be reliable but not guaranteed.  
 Geology G.S.C. Carmacks 340-A. Drafted by 2 HANDS +.

GEOLOGY MAP

Issued 1938  
REPRINTED, 1966

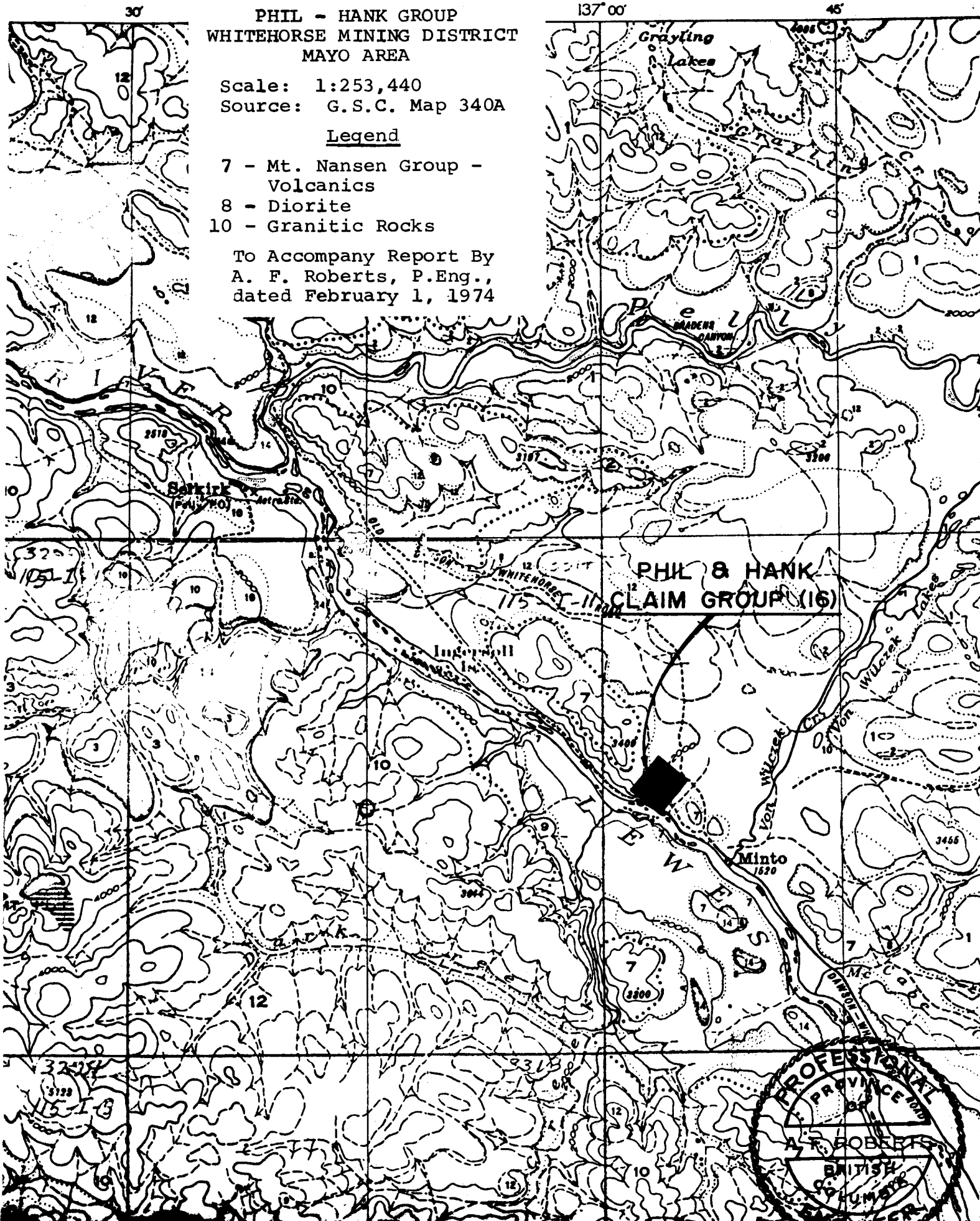
PHIL - HANK GROUP  
WHITEHORSE MINING DISTRICT  
MAYO AREA

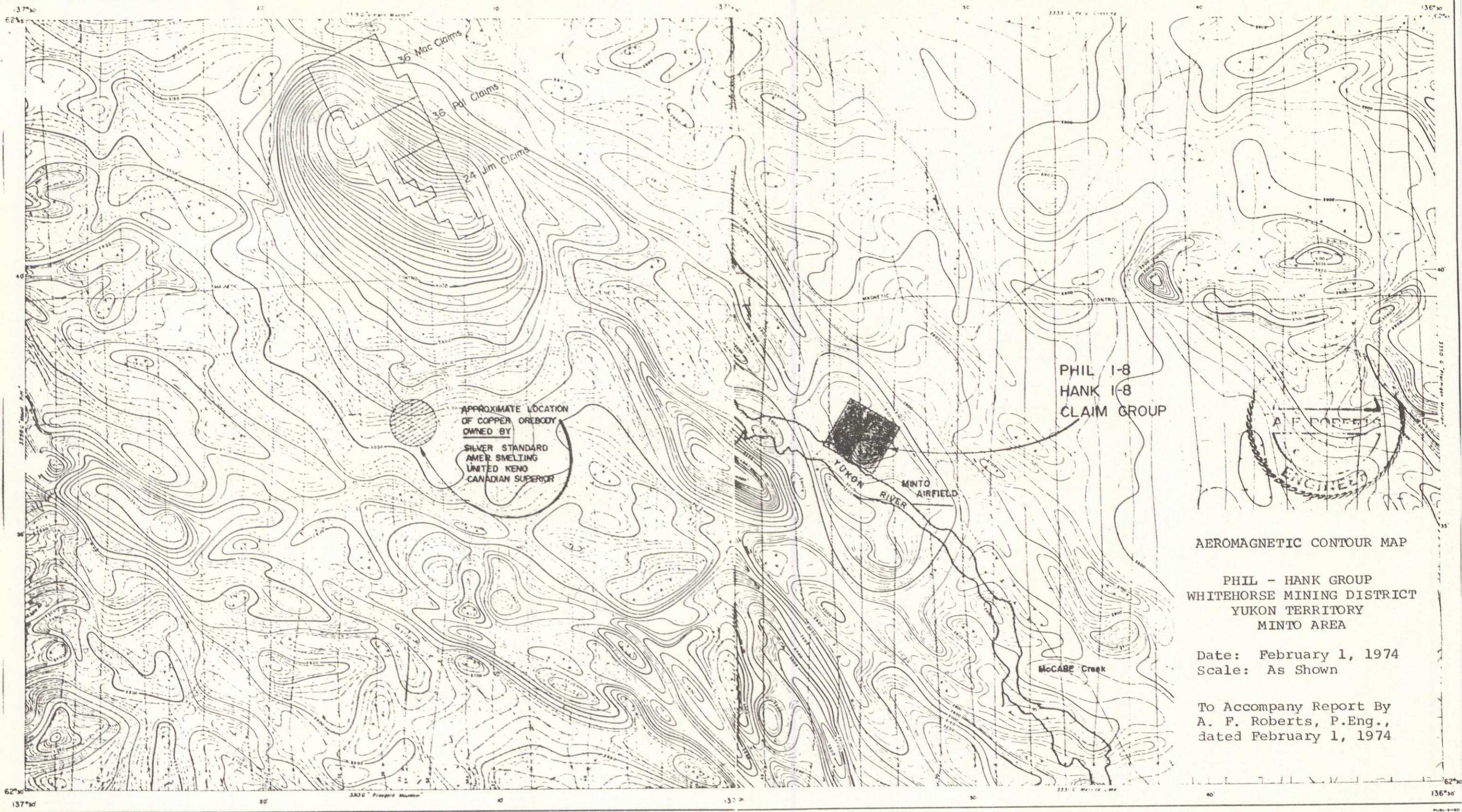
Scale: 1:253,440  
Source: G.S.C. Map 340A

Legend

- 7 - Mt. Nansen Group - Volcanics
- 8 - Diorite
- 10 - Granitic Rocks

To Accompany Report By  
A. F. Roberts, P.Eng.,  
dated February 1, 1974





**AEROMAGNETIC CONTOUR MAP**

**PHIL - HANK GROUP  
WHITEHORSE MINING DISTRICT  
YUKON TERRITORY  
MINTO AREA**

Date: February 1, 1974  
Scale: As Shown

To Accompany Report By  
**A. F. Roberts, P.Eng.,**  
dated February 1, 1974

MAP 3314G

**DARK CREEK**

**YUKON TERRITORY**

Scale One Inch to One Mile = 63,360 Miles

Airborne Magnetic Survey June 1964 to February 1966 by Canadian Aero Service Limited, Ottawa. No correction has been made for regional variation.

The geophysics for this map was obtained from topographic maps sheets published by the Department of Mines and Technical Surveys.

Air photographs covering this area may be obtained through the National Air Photographic Library, Topographic Survey, Ottawa, Ontario.

Copies of this map may be obtained from the Director, Geological Survey of Canada, Ottawa.

**ISOMAGNETIC LINES (Total Field)**

- 500 gammas
- 100 gammas
- 20 gammas
- 10 gammas
- Magnetic depression
- Flight lines
- Flight altitude normally 1000 feet above ground level where terrain permitted

MAP 3332G

**MINTO**

**YUKON TERRITORY**

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**GEOPHYSICS**

MIN

YUKON TR