017092

MACKIR MINING LTD.
#309, 330 9th Ave. S.W.
Calgary, Alta. T2P 1K7

GEOPHYSICAL REPORT

MING 1-16 MINERAL CLAIMS
Y76699 - 714
NTS 105K-6

LATITUDE 62°25' N. LONGITUDE 133°04' W.

WHITEHORSE MINING DISTRICT

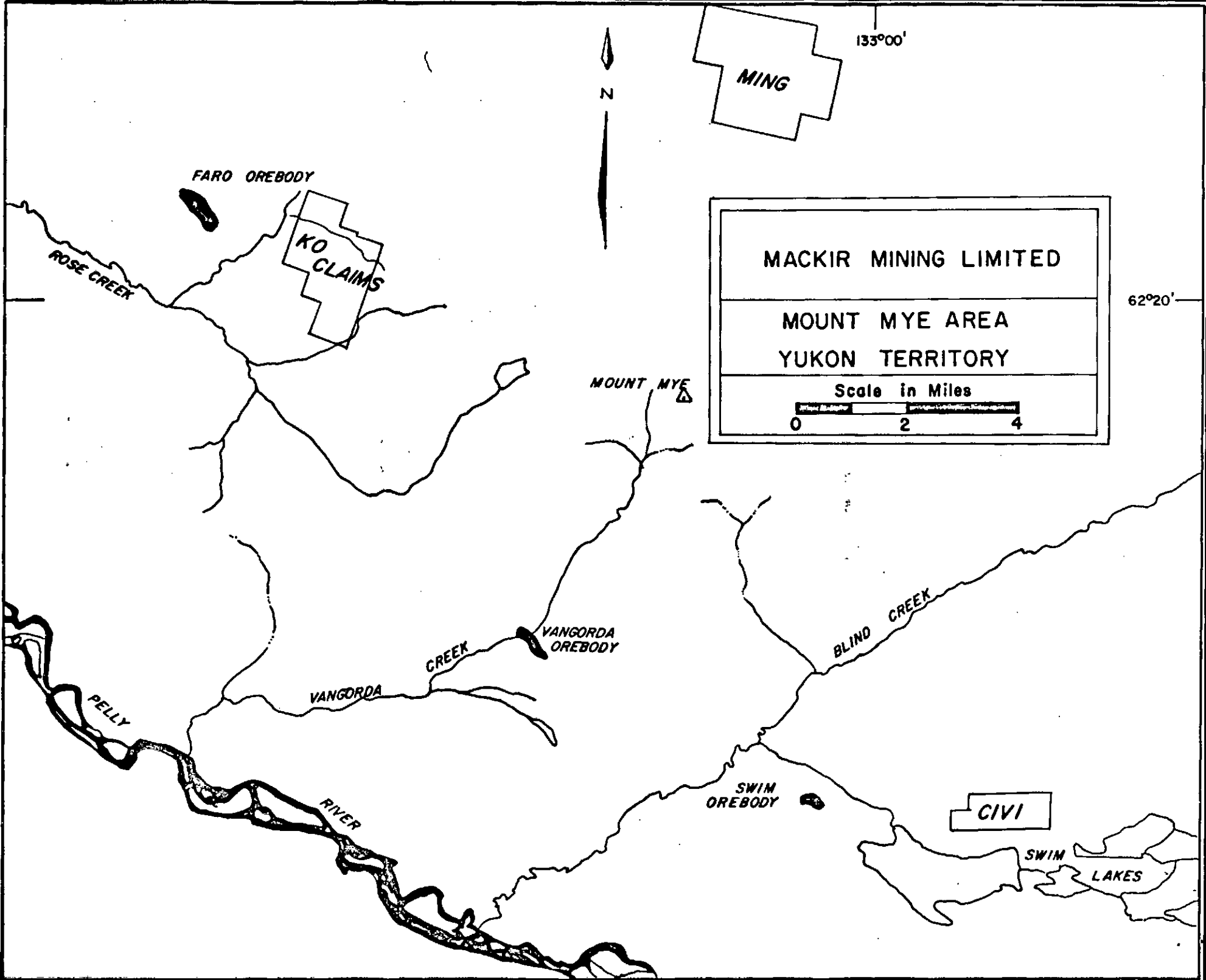
YUKON TERRITORY

FOR WORK PERFORMED DURING THE PERIOD JULY 21- JULY 30, 1977

BY

R.B. GALESKI

AUGUST, 1977


MACKIR MINING LIMITED
MOUNT MYE AREA
YUKON TERRITORY
Scale in Miles
0
2
4
N
133°00'
62°20'
MING
FARO OREBODY
KO CLAIMS
ROSE CREEK
MOUNT MYE
VANGORDA OREBODY
VANGORDA CREEK
BLIND CREEK
PELLY
RIVER
SWIM OREBODY
CIVI
SWIM LAKES

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CLAIM MAP WITH LINE LOCATION

BOUGUER GRAVITY MAP

RESIDUAL GRAVITY MAP

STATION ELEVATION MAP

GRAVITY INTERPRETATION

MING MINERAL CLAIMS

FOR

MACKIR MINING LTD.

WHITEHORSE MINING DIVISION

INTRODUCTION:

The Ming 1-16 mineral claims are located in the Whitehorse Mining District, Yukon Territory (Sheet 105 K-6). They are located 22.5 Km northeast of Faro and 54.7 Km northwest of Ross River Y.T. The co-ordinates of the property are 62° 25' North Latitude and 133° 04' West Longitude. The property was located on behalf of Cream Silver Mines Ltd. (NPL). A geological mapping and reconnaissance soil program was conducted over the property in 1973.

A program consisting of claim tagging, chain and compass survey of claim posts and soil sampling was conducted over the claim group from July 30 to August 12, 1974. In 1976 the claims were optioned to Mackir Mining.

A report by J.R. Deighton, geologist, covering the 1973 and 1974 work was submitted in October 1974. In this report it was concluded that the Ming claims are underlain by the favourable Cambrian-Ordovician stratigraphy that host the ore bodies of the area, but that the geochemical soil sampling survey was negative.

A reconnaissance gravity line was run within the claim group by Airborne Geophysical Surveys, Ltd. for Mackir Mining, Ltd. on July 5-6, 1976. Purpose of the survey was to test the gravitational response of the rocks in the area with a view towards conducting a more comprehensive survey in 1977.

The 3-man gravity crew, working out of Faro, utilized helicopter support to get into the claim area and completed one line approximately 3500' long with station spacing of 100'. Data were reduced with an elevation correction factor of 0.06 (2.67 surface density) and a conventional latitude correction. Terrain corrections were not made. An elevation and Bouguer profile of the line and a map showing the line location are included in this report.

Further to the 1976 survey, an additional 10 line miles of gravity were obtained in the period of July 21- July 30, 1977. The logistics of this survey were similar to those in the 1976 survey.

INTERPRETATION

Elevations drop approximately 1000 feet from the northwest corner of the area to the southeast corner. Regional gravity gradient is 6 milligals in the same direction. Bouguer gravity reflects the regional in general. However, there is a well-defined nosing around 12S on line 8W. In the residual, this nosing appears as two closures of 0.35 milligals with peaks at 10S and 19S on line 8W.

It is recommended that terrain corrections be made in the vicinity of the residual closures and that further programme be deferred until the results of this work are completed.

R.B. Galeski

APPENDIX "A"

1.	Geophysics	Contract	Airborne Geophysical	$8,000.00

Airborne Geophysical Surveys Ltd.
Calgary — Alberta

#600, 330 - 9TH AVE. S.W.
CALGARY, ALBERTA T2P 1K7
PHONE 403 - 264-3434

July 30, 1977

Mackir Mining Ltd.
#309, 330 9th Ave. S.W.
Calgary, Alta.
T2P 1K7

GRAVITY SURVEY, MING CLAIMS

SURVEY CONDUCTED JULY 21 - JULY 30, 1977

Turnkey price, as agreed (including 3-man crew with equipment, mob and demob, transportation, subsistence, interpretation):

10 miles of gravity ..... $ 8,000.00

NAMES AND ADDRESSES OF PERSONS EMPLOYED ON THE SURVEY:

1.	Mr. M. McCombe	910 23 Ave. N.W.	Calgary, Alta.	- Meter operator
2.	Mr. N. deBoer	SS#1, Site 7-29	Calgary, Alta.	- Surveyor
3.	Mr. A. deBoer	SS#1, Site 7-29	Calgary, Alta.	- Rodman
4.	Mr. R. Voisine	Whitehorse Y.T.		- Linecutter

AFFIDAVIT

Supporting summary of costs Appendix "A"

of Geophysical Survey

MING 1-16 MINERAL CLAIMS

I, Robert B. Galeski, geophysicist and president of Mackir Mining, Ltd. do hereby swear that I supervised the exploration work detailed within the above captioned report.

I, Robert B. Galeski, also swear that to the best of my knowledge and belief the charges summarized within appendix "A" of the above-captioned report are both true and correct.

_____

Robert B. Galeski

_____

Date

Sworn before me in the City of Calgary in the Province of Alberta, this ____ day of August, 1977.

_____

A Notary Public in and for the Province of Alberta.