

MAR 19680018: NORTHEASTERN ALBERTA

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19680015

ECONOMIC MINERALS
FILE REPORT No.
U-AF-022(2)
U-AF-023(1)

SUMMARY REPORT OF 1968 EXPLORATION
ACTIVITY ON QUARTZ MINERAL PERMITS
NUMBERS 49 AND 50

Re: Giant Explorations Limited (N.P.L.)

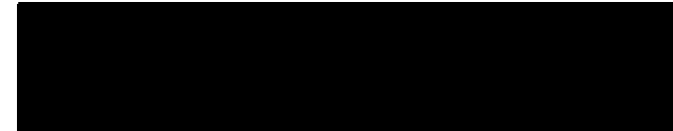
Quartz Mineral Permits Nos. 49 and 50 were granted by The Department of Mines and Minerals of the Province of Alberta on February 23, 1968. The area of these permits is 20,000 acres each and they are located in the northeastern part of the province.

An exploration crew was moved into the area in August following completion of other projects at De Vries Lake and at Nonacho Lake in the North West Territories. An aerial reconnaissance was flown over the Permit No. 49 area using a GIS-2 spectrometer and nine somewhat anomalous areas were noted. A ground camp was then established and the permit area was thoroughly checked out. Close ground coverage failed to find any confirmation of the anomalous conditions and it must be concluded that they were caused in large part by variations in the height of the aircraft above the surface of the ground. Mr. Eric R. Smith's report of September 6, 1968 deals very fully with each occurrence.

An aerial reconnaissance was then flown over the Permit 50 area and a few anomalies of similar intensity to those noted in the Permit 49 flights were detected. These anomalous areas are shown on map 2100-5-07-2.

At this stage of the examination it was becoming apparent that a much more comprehensive ground program would be required to thoroughly prove or disprove the existence of commercial quantities of uranium on the property. Many of the fault fractures were covered by overburden, either wholly or in part, which would effectively blanket any radiation emanating from uranium in these fractures. Accordingly it was decided to terminate phase I of the exploration at this point.

The examination to date has shown that if mineralization does occur in these areas, it is fairly well hidden.



E. R. GAYFER,
Chief Engineer

GIANT MASCOT MINES LIMITED

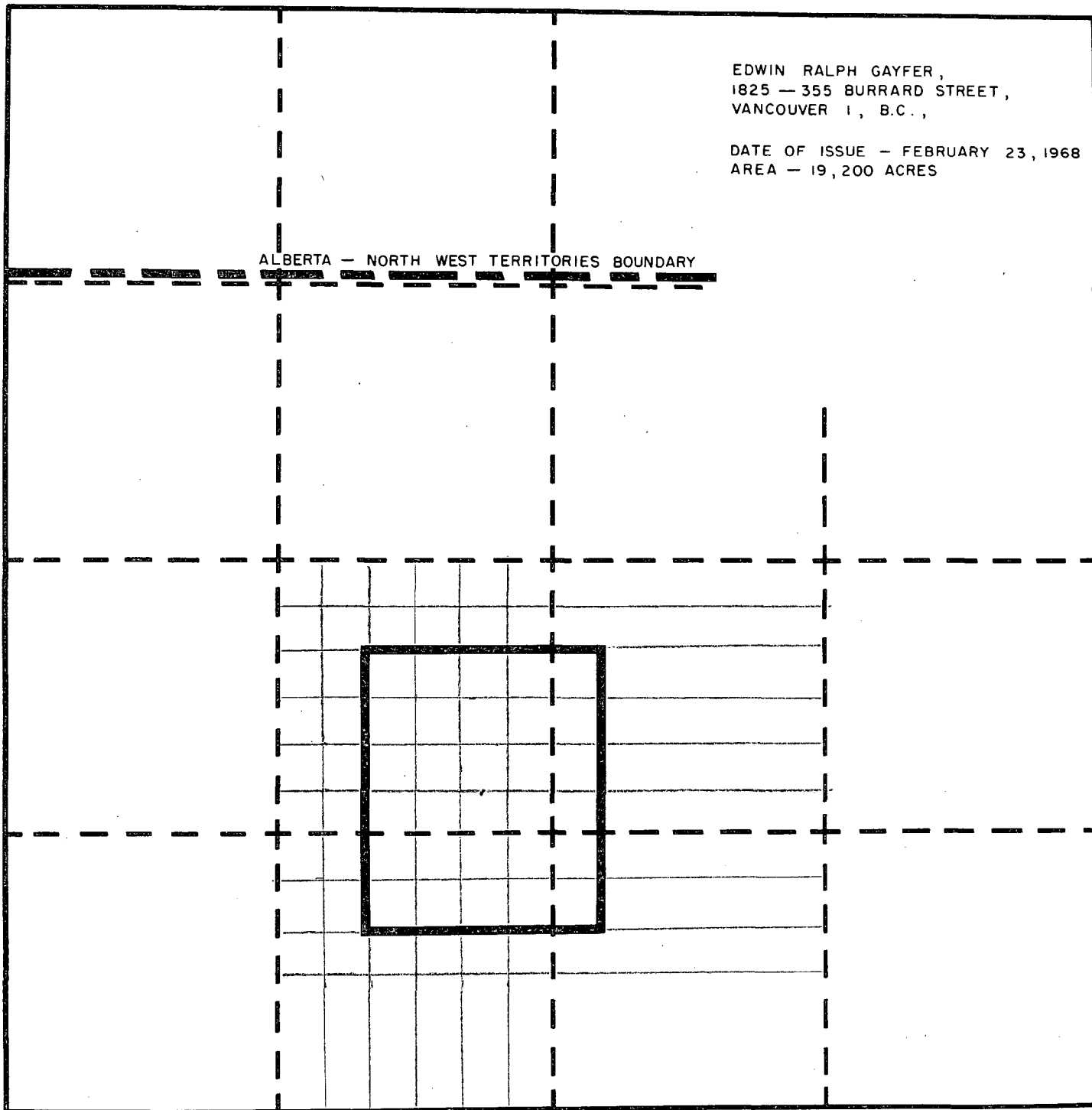
SECRET

QUARTZ MINERAL EXPLORATION PERMIT No. 50

EDWIN RALPH GAYFER,
1825 — 355 BURRARD STREET,
VANCOUVER 1, B.C.,

DATE OF ISSUE — FEBRUARY 23, 1968
AREA — 19,200 ACRES

ALBERTA — NORTH WEST TERRITORIES BOUNDARY



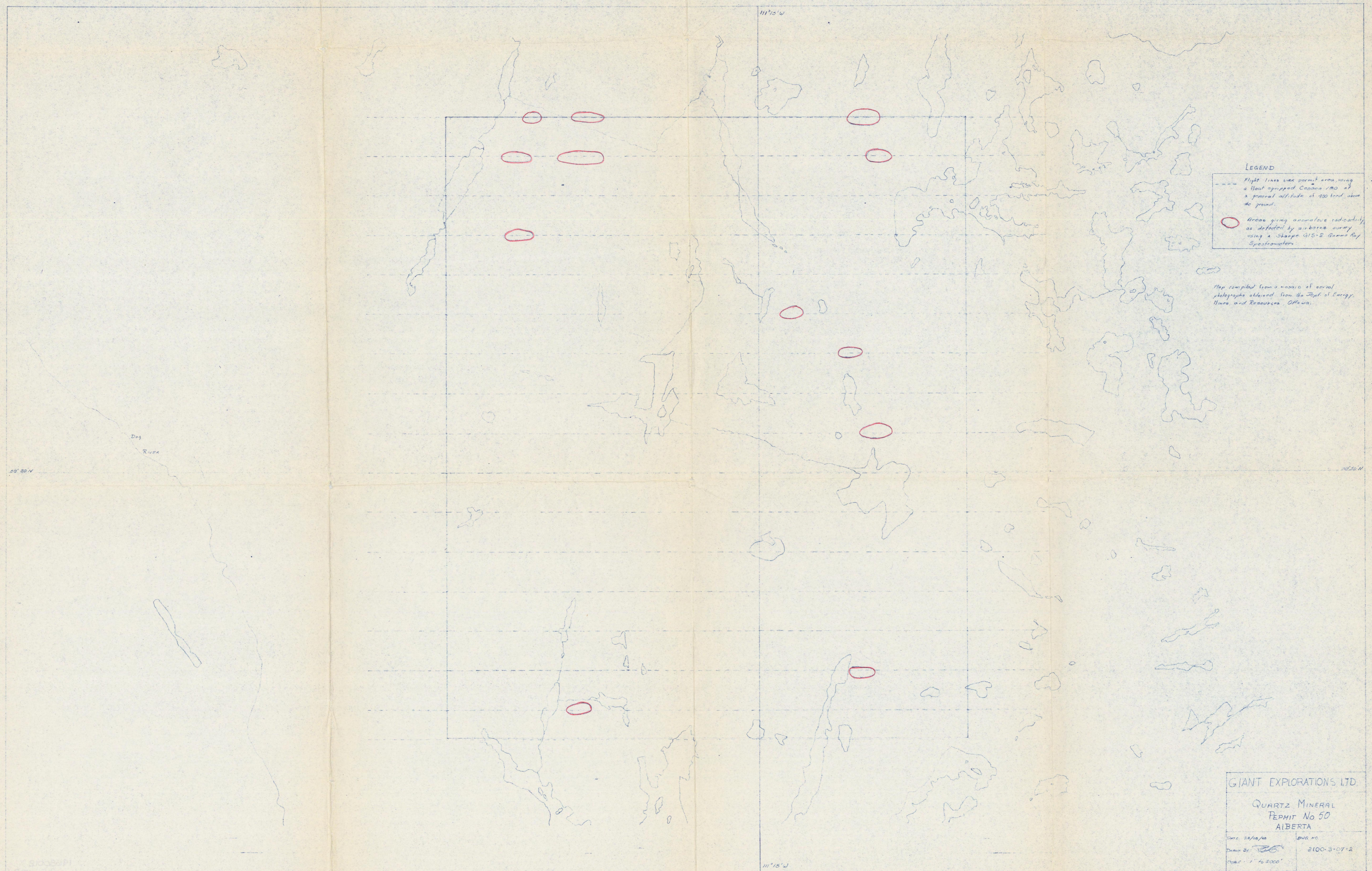
R. 8

R. 7

R. 6 W. 4 M.

TP. 125

TP. 124



LEGEND

- - - Flight lines over permit area using a float equipped Cessna 180 at a general altitude of 700 feet above the ground.
- Areas giving anomalous radiactivity as detected by airborne survey using a Skarpe GIS-2 Gamma Ray Spectrometer.

Map compiled from a mosaic of aerial photographs obtained from the Dept. of Energy, Mines and Resources, Ottawa.

GIANT EXPLORATIONS LTD	
QUARTZ MINERAL PERMIT No 50 ALBERTA	
Date: 08/08/80	Drawn by: [Signature]
Scale: 1" = 40,000'	2100-3-07-2

59° 50' N

117° 15' W

117° 15' W

117° 15' W

Dog River

51005PI