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RESULTS OF
A SCINTILLOMETER SURVEY
ON
PANCER CLAIMS
ONEMAN LAKE AREA
KENORA MINING DIVISION
ONTARIO

1.

INTRODUCTION

The following report covers a scintillometer survey on group of claims located in the Oneman Lake area in the Kenora Mining Division of Ontario.

A trip was made to the property during the latter part of July to examine radioactive showings on these claims. It was decided after this examination to carry out a scintillometer survey over an area of eight claims. North-south picket lines were out at 400 foot intervals and radioactive readings were taken at 100 foot intervals.

The results of this work has been plotted on the accompanying map which is on a scale of one inch equals 200 feet.

PROPERTY & LOCATION

The eight claims covered by the survey are numbered K-18991 to K-18997 and K-18999.

The claim group is located on the south shore of Oneman Lake and is about 24 miles north of the town of Minaki, Ontario.

GENERAL GEOLOGY

The claim group is underlain by Kewatin sedimentary gneisses and schists intruded by red and gray granite and granodiorite. Most of the eight claims covered by the survey are underlain by granite. The granite is cut by

numerous east-westerly trending pegmatite dikes, some of which are radioactive. Abundant dark mica occurs in some of the dikes and the radioactivity appears to be associated with the mica, as the highest counts were obtained where the mica occurs.

SHOWINGS

The main showing which is shown as # 1 on the map is about 400 feet long and varies from 60 to 150 feet wide. It narrows down to the west and pinches out, to the east it strikes into swamp.

Showing # 2 is parallel and about 400 feet to the north of showing # 1. It is 30 feet wide and about 200 feet long.

Showing # 3 is also parallel to # 1 and 1200 feet to the south-east. It is 12 feet long and 6 feet wide.

SCINTILLOMETER SURVEY

A model EA 135-S scintillator was used in taking the radioactive readings. The normal background value in this case is 30 to 35.

The survey showed up two other radioactive zones, besides the three original showings. One occurs on line 0 + 00 from 750 S to 800 S and on line 2 + 75 W from 650 S to 730 S. The other occurs on line 20 + 00 W at 150 S, line 24 + 00 W from 150 S to 200 S and it shows up again on line 32 + 00 W from 420 S to 470 S.

CONCLUSIONS AND RECOMMENDATIONS

Five radioactive zones were located on the area surveyed. These zones occur in pegmatite dikes. Two character samples were taken and sent for assay these returned .18% U_3O_8 and .08% U_3O_8 .

Experience to date is that uranium occurrences in pegmatite are very erratic in nature making it difficult to establish a tonnage of satisfactory grade. However, the scintillometer readings are consistent especially over showing No. 1 where the width is up to 150 feet.

It is felt that further work is warranted to determine the average grade.

It is recommended that either a program of surface channel sampling or packsack diamond drilling be carried out on showing No. 1.

Before channel sampling is carried out it would be advisable to strip the showing and blast some trenches across it to obtain fresh surfaces for sampling.

A series of packsack diamond drill holes across the zone in 2 or 3 places would also give a good idea of the average grade.

Respectfully submitted,



Ivan Christopher, B.Sc. P.Eng.

Bathurst, N. B.
September 14, 1955.

Haileybury, Ont. Aug. 12, 1955.

BELL-WHITE ANALYTICAL LABORATORIED LTD.

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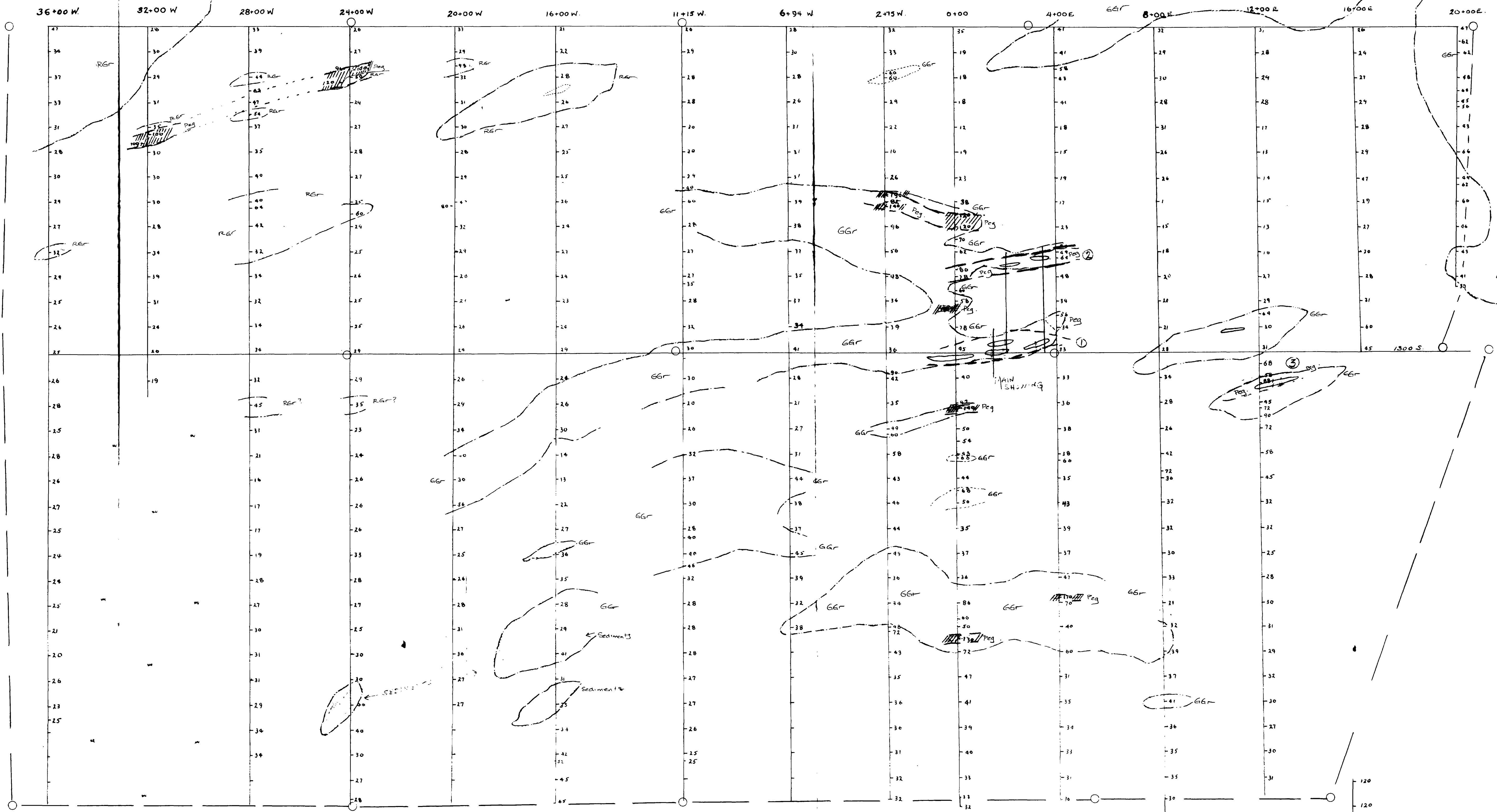
CERTIFICATE OF ANALYSIS

No. 8640

We have assayed 2 samples of Rock received August 6th,
and submitted by Mr. I. C. Christopher, Kenora, Ontario,
(Jos. Hodge) with the following results:

<u>Sample No.</u>	<u>Chemical U₃O₈%</u>
Notag "A"	.180
Notag "B"	.080

Signed 'Jno W. N. Bell'



LEGEND

PEGMATITE
 RED GRANITE
 GREY GRANITE

N1940			
N1941	N1942		
N1943	N1944		
N1945	N1946		
N1947	N1948	N1949	
N1950	N1951	N1952	N1953
N1954	N1955	N1956	N1957

CLAIM GROUP
1 INCH = 1/4 MILE

Radiation Survey
ONEMAN LAKE AREA
KENORA, ONT.
Scale
1" = 200'

