

EVALUATION REPORT  
HOT 1-6, 8 MINERAL CLAIMS  
NTS SHEET 116 B - 7  
64°23'30"N; 138°39'0"W.

S. Wise.

9-13 July, 1977.

7 Dec. 77  
ACCEPTED.  
SEE INSIDE COVER.  
P. S. W. R.  
FOR COMMISSIONER

EVALUATION REPORT  
FOR THE  
HOT MINERAL CLAIMS

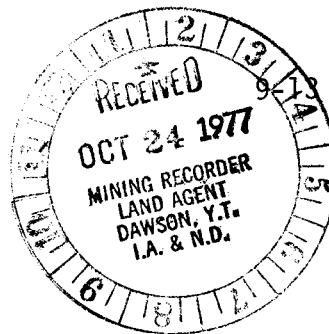
HOT 1 - 6            YA 5067 - 72  
HOT 8                YA 9457

NTS SHEET    116 B - 7

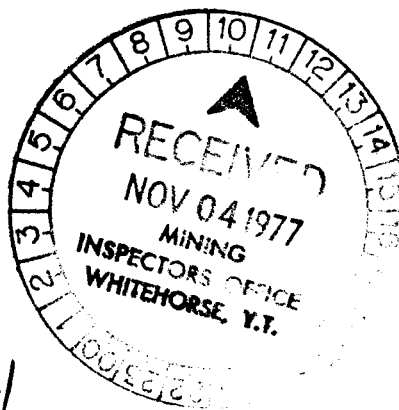
64°23'30"N; 138°39'0"W.

Tombstone Mountain Area, Dawson M.D., Y.T.

S. Wise.



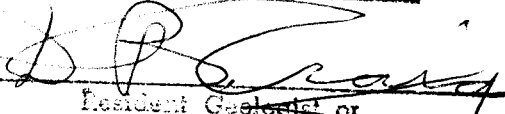
9-18 July, 1977.



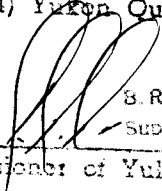
090221

This report has been examined by the Geological Evaluation Unit and is recommended to the Commission to be considered as representation work to the amount of

\$2100.00

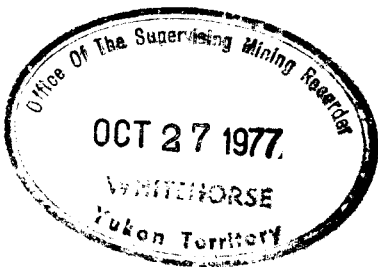
  
Resident Geologist or  
~~Resident Mining Engineer~~

Considered as representation work under  
Section 53 (4) Yukon Quartz Mining Act.



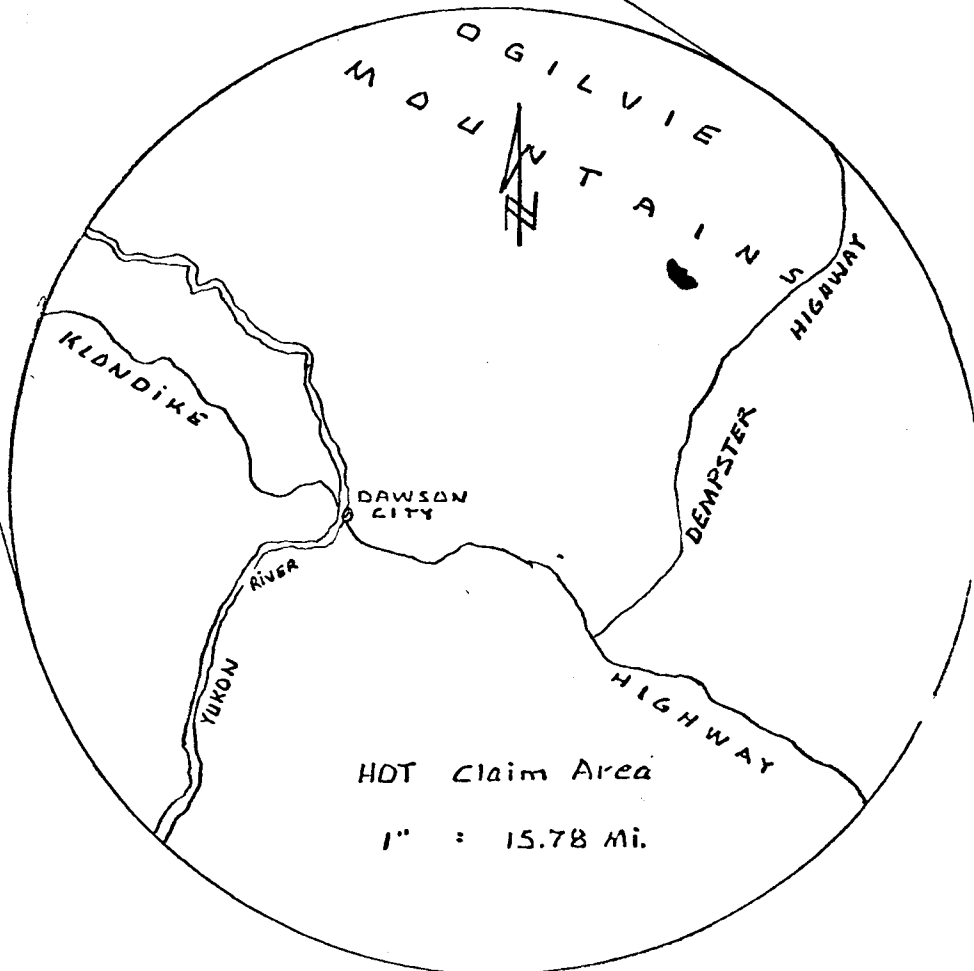
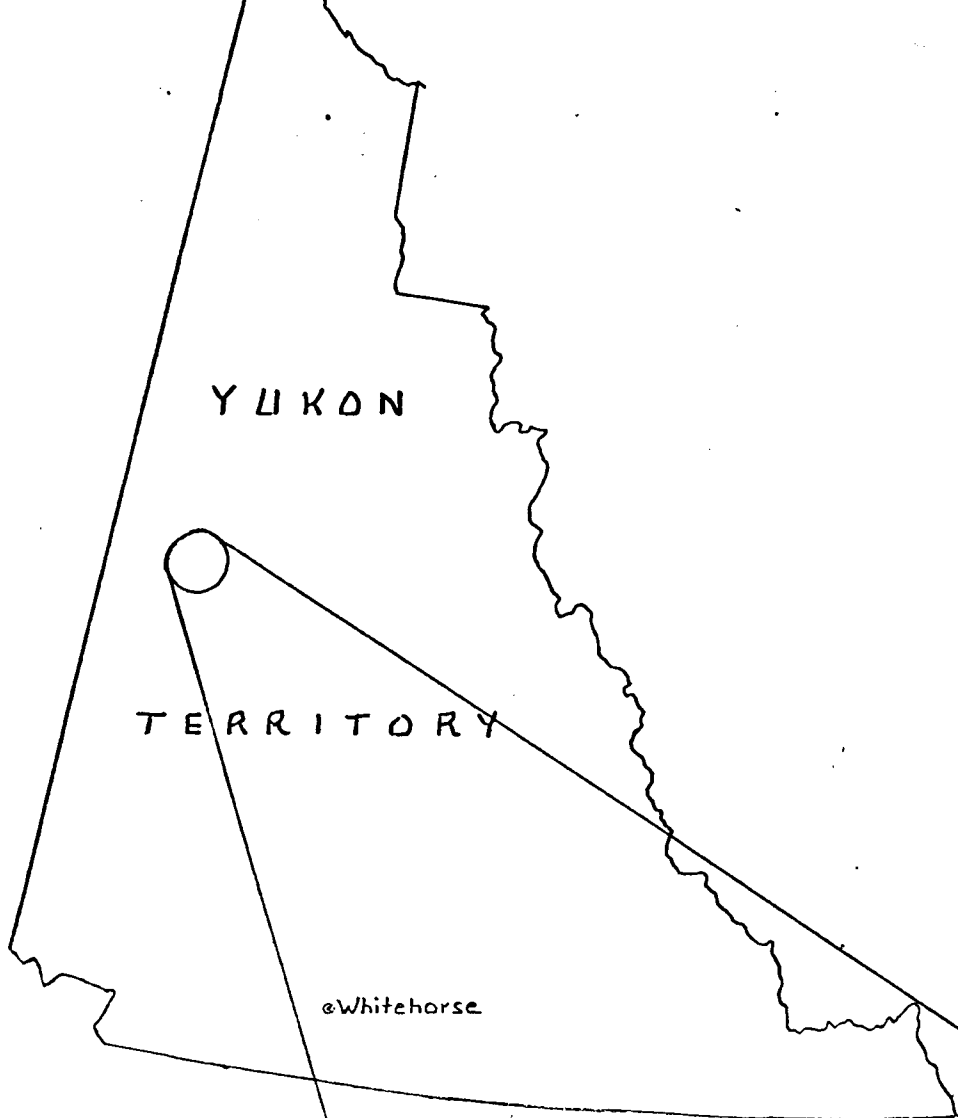
S. R. BAXTER  
Supervising Mining Recorder

for Commissioner of Yukon Territory



## T A B L E   O F   C O N T E N T S

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LOCATION MAP

Showing Approximate Location of the HDT Mineral Claims

S. Wise

May 1977



57 30' 58 15' 59 139°00' 60 45' 61  
Whitehorse 325 m

Contour interval 500 Feet  
Elevations in Feet above Mean Sea Level  
North American Datum 1927.

Copies may be obtained from the Map Distribution Office, Department of Mines and Technical Surveys, Ottawa.

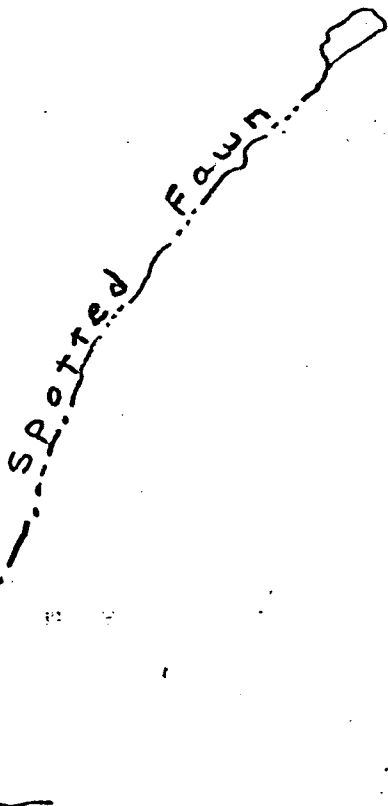
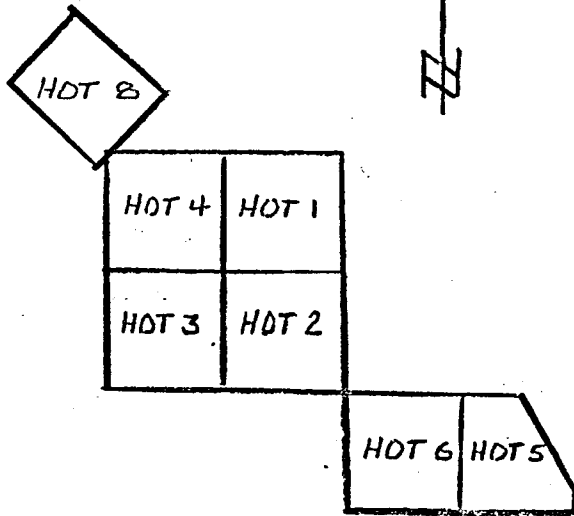
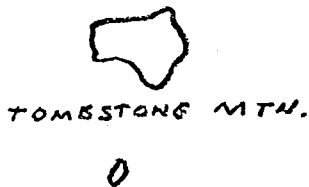
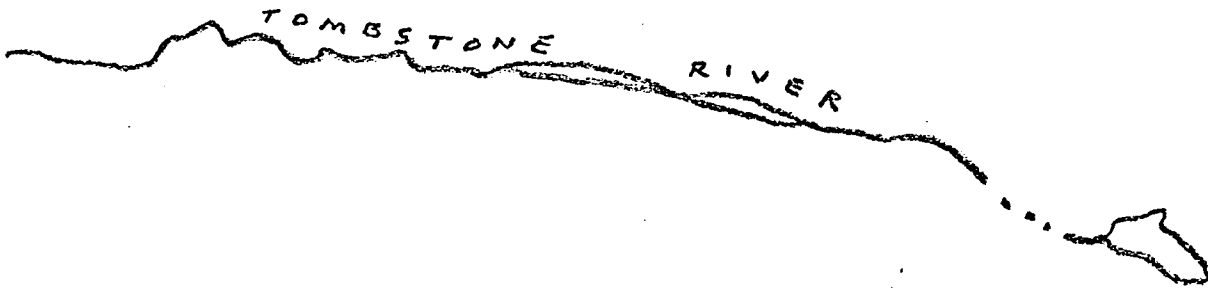
# DAWSON

## YUKON TERRITORY

Scale 1:250,000  
1 Inch to 4 Miles - Approximately

### REFERENCE

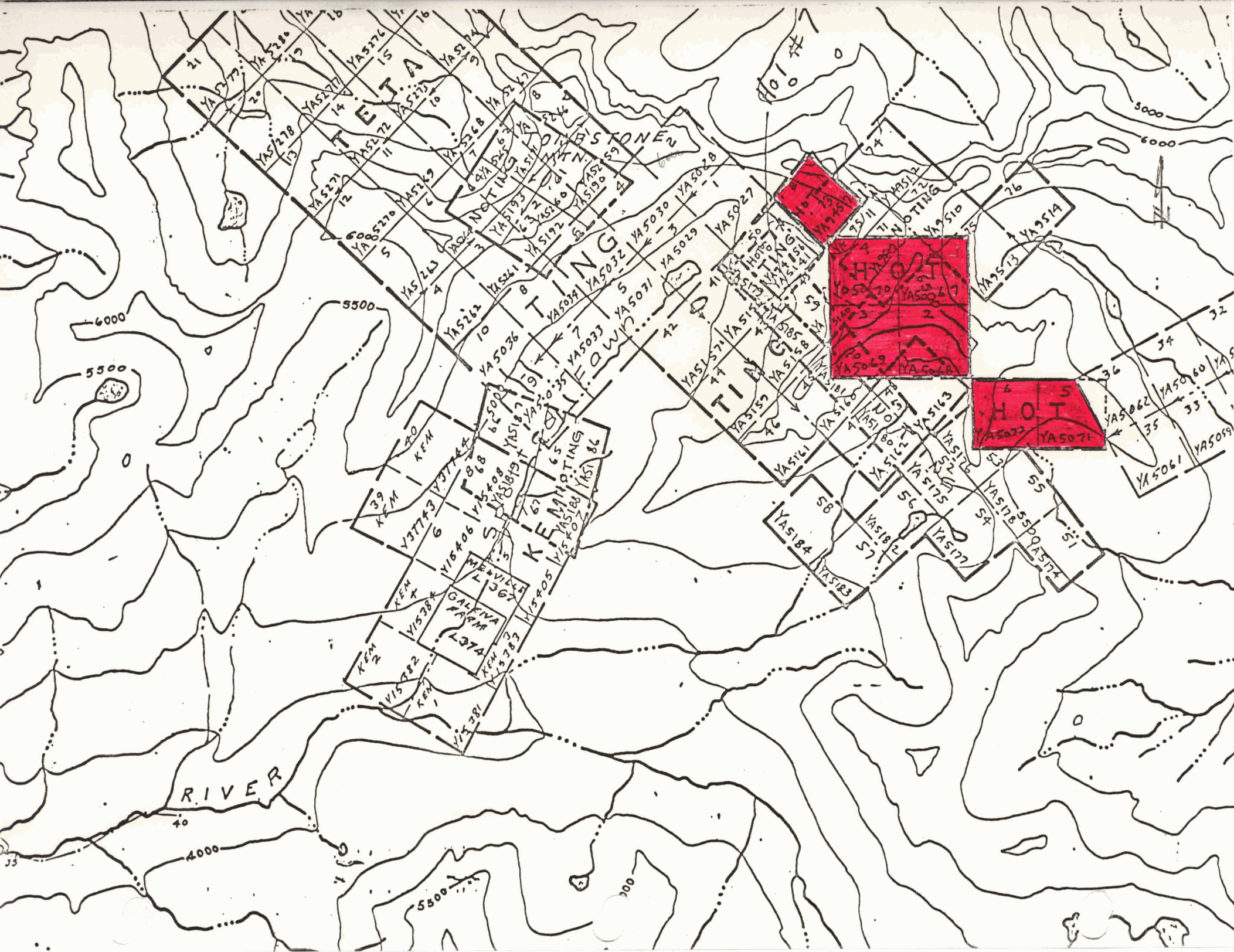
- |                             |   |                         |   |                            |   |
|-----------------------------|---|-------------------------|---|----------------------------|---|
| Town .....                  | □ | School .....            | ⌘ | Burial monument .....      | ⌘ |
| Village or settlement ..... | ○ | Church .....            | ⌘ | Astronomical station ..... | ⌘ |
| Post office .....           | P | Building or cabin ..... | • | Historical site .....      | • |
| Stream .....                | — |                         |   |                            |   |



HOT Mineral Claims  
Location Map

Part of NTS Sheet 116B7

1" = 1/2 Mile S. Wise



RIVER

TETA

TING

TIA

KEM

HOT

HOT

HOT

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5500

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Evaluation Report for Assessment Work  
for the  
HOT Mineral Claims

Summary

On 11 July 1977 an examination for the purpose of evaluation was carried out on the HOT 1 - 6 and HOT 8 mineral claims. A brief examination of the rock types was made in conjunction with a scintillometer survey of the claims area.

Evaluation Report

The author arrived in Whitehorse, Y.T. on Saturday evening, 9 July 1977. A vehicle was rented, and on Sunday, 10 July the author drove to Dawson City. On Monday, 11 July a Trans West Hughes 500 helicopter was rented in Dawson City, and the author went onto the property to carry out the evaluation survey.

Using a Precision Scintillometer, which was rented for the purpose of carrying out this evaluation survey, readings were taken at each claim location. The instrument records millirontgens per hour and, using the calibration chip as a guide, readings which indicate approximately ( $\pm$ ) .1% radioactive material (which could convert to  $\pm 2$  lbs./T.  $U_3O_8$ ) were observed at HOT 1 - 4 and HOT 8. Similar readings were obtainable on HOT 5 - 6, however part of the ground covered by these two claims returned background readings. This, along with the fact that at the location of HOT 5 - 6 several

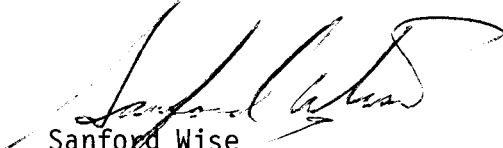
rock types were found, it is assumed that these claims are located across a geologic contact.

Rocks in the area of HOT 1 - 4, HOT 8 are coarse grained, tinguaitic textured syenites which apparently occur as part of a syenite plug within the Tombstone Range. The rocks are spotted to mottled black and white. At HOT 5 - 6, these rocks begin to appear some 400 - 500 feet north of the southern claim boundary. In the vicinity of the claim boundary various rock types were observed, including grey quartzite, granodiorite, and possibly siliceous limestone. Very little bedrock outcrop was located within this latter area, most of the rock consisting of colluvial deposition. Much of the area of HOT 5 - 6 is covered with muskeg. However, based on the angularity of the rocks (which indicates a minimum amount of transport), the location and physiography of the surrounding mountains, and the examination of those areas which are possibly bedrock, a geologic contact is assumed to occur in the general area of the southern boundary of the HOT 5 - 6 claims, probably trending in an easterly direction, and probably located within a few hundred feet northerly from the boundary. The rocks are presumed to be Cretaceous in age, with the syenite plug having intruded into the Keno Hill (Central) Quartzite Formation.

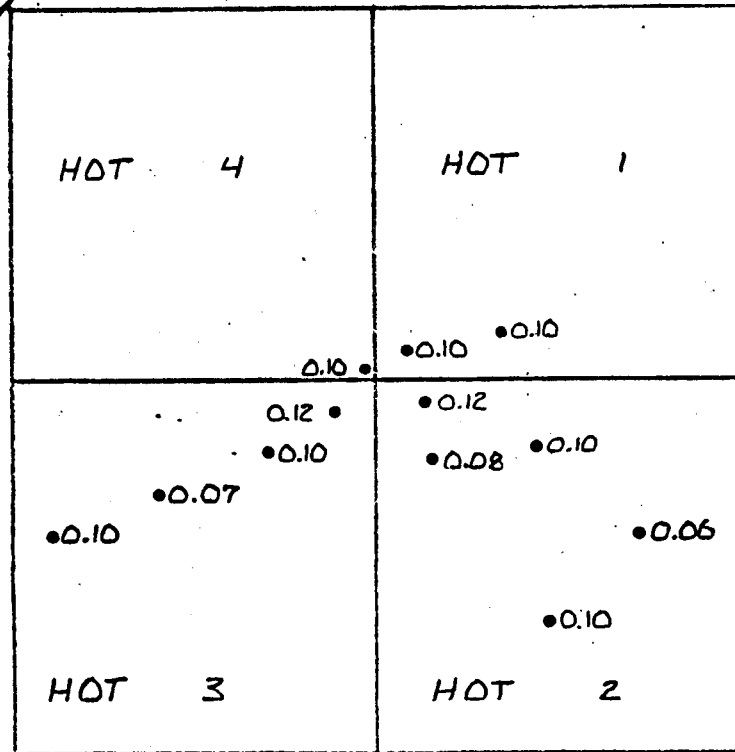
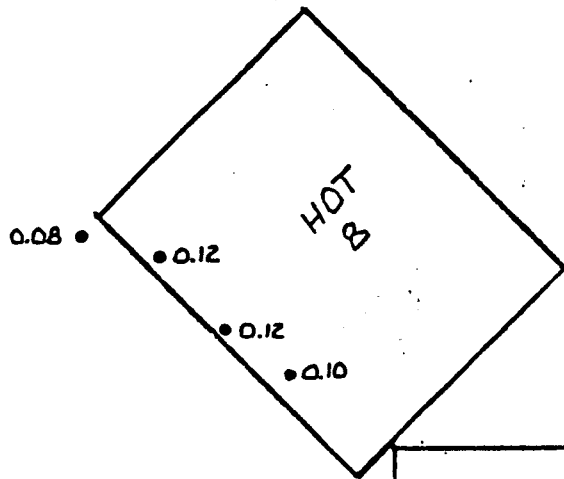
At some time prior to carrying out this evaluation survey, GSC Memoir 364 by L. H. Green, including its accompanying map 1284A was studied and information which had a bearing on the subject project was noted.

Conclusions and Recommendations

The seven claims included in this report cover an area of undetermined economic importance. They do, however, lie within a lithologic zone which displays a significant radioactivity reading, as compared with background readings in rocks surrounding the zone. Justification for a comprehensive exploration program which may possibly include detailed mapping, rock sampling, diamond drilling, and bulk sampling is indicated from this evaluation survey. Such a program should be carried out on a step by step basis, with each phase of the program based upon favourable results being received from the earlier stages of the exploration effort.



Sanford Wise  
13 Nevada Place  
Lethbridge, Alberta.



LOCATION MAP

Showing Locations and Readings of Scintillometer Survey on HOT claims

Radioactivity Level Shown as a Conversion to Percent Contained Radioactive Elements (Uranium, Potassium, or Thorium)

1"=800' 11 July, 1977 S. Wise

