

RECONNAISSANCE YUKON

During 1977, Urangesellschaft held two claim blocks in the Yukon Territory, namely the Teta claims and the Beta claims.

Reconnaissance work was done in various areas of the Yukon which resulted in the acquisition of claims in the Quiet Lake area at the end of the year.

Details are appended.

TETA CLAIM GROUP, Yukon Territory - N.T.S. 116-B-7

1. Description of Property

The Teta group of 23 claims is situated 35 miles northeast of Dawson City in the Yukon Territory, at latitude $64^{\circ}24'$ and longitude $138^{\circ}43'$ (refer to Figures 1 and 2).

2. Work Done in 1977

Semi-detailed and detailed grid scintillometer surveys were conducted over the claim group. The property was geologically mapped. Magnetic and V.L.F. electromagnetic surveys were conducted over an anomalously radioactive zone. Overburden and outcrop samples were collected for geochemical analysis. Some spectrometer work was conducted.

3. Results of Work Done

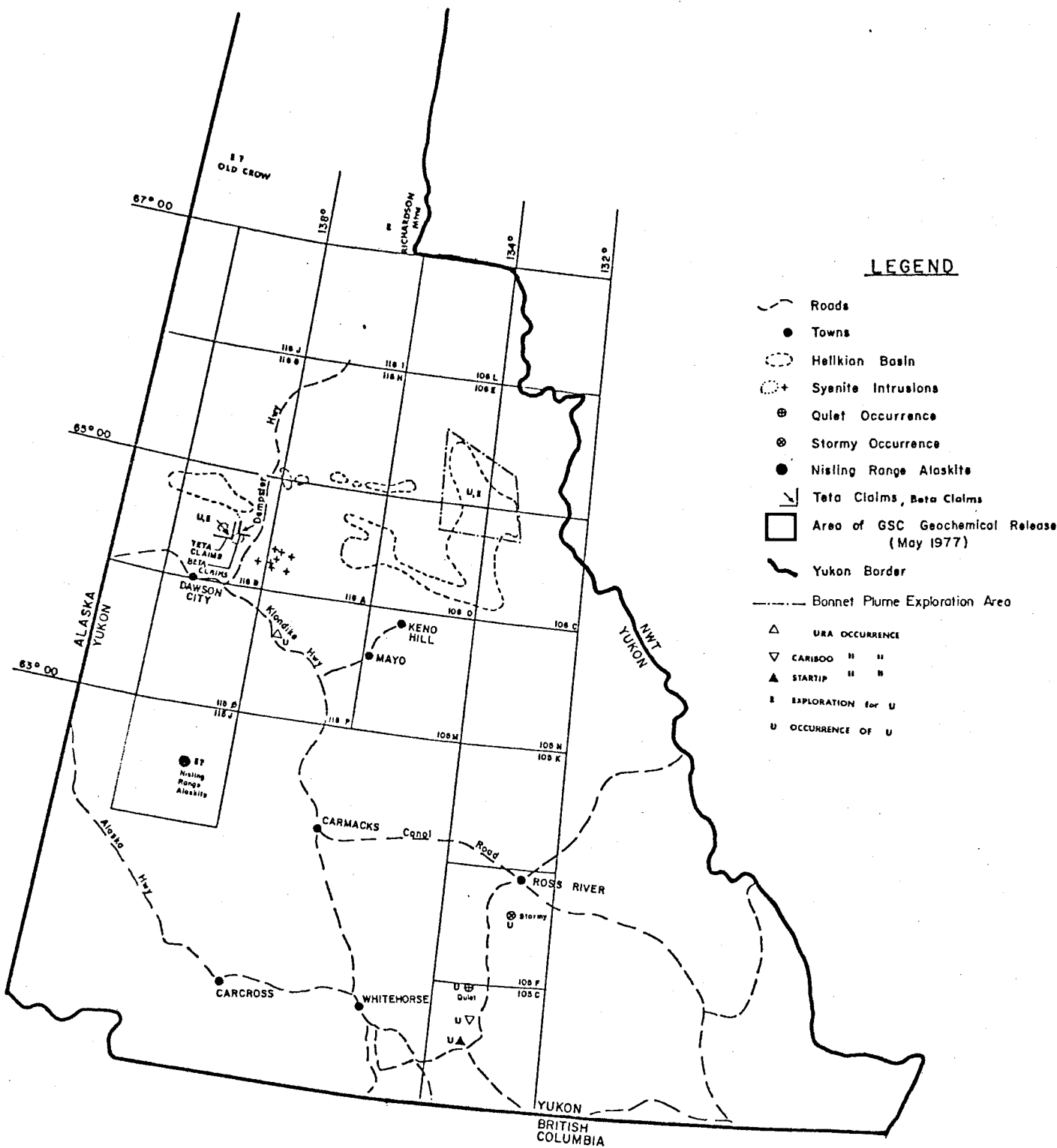
Within a zone of scree measuring, approximately $800' \times 300'$, 60 boulders were located with radioactivity exceeding twice background. Eight samples from this scree zone were found to contain from 4.0 to 120.0 lbs of U/ton. Uranium to thorium ratios averaged 30 to 1. Above the scree zone at the height of land, one radioactive outcrop measuring $30' \times 40'$ was located from which a select sample of highest gamma emission was collected which contained 1.26 lbs U/ton.

The anomalous radioactivity is associated with a grey, prophyritic aphanite forming a marginal phase of the Tombstone syenite stock. Approximately 30 radioactive boulders of this lithology were also

found scattered across glacial moraine which covers an extensive portion of the claim group.

4. Work Planned for 1978

No further work is planned for 1978.



LEGEND

- Roads
- Towns
- Hellkian Basin
- Syenite Intrusions
- Quiet Occurrence
- Stormy Occurrence
- Nisling Range Alaskite
- Teta Claims, Beta Claims
- Area of GSC Geochemical Release (May 1977)
- Yukon Border
- Bonnet Plume Exploration Area
- URA OCCURRENCE
- CARIBOO " "
- STARTIP " "
- EXPLORATION for U
- OCCURRENCE OF U

Figure 1

URANGESELLSCHAFT CANADA LIMITED
 PROJECT: K14, I.7 YUKON

LOGISTICS MAP
 YUKON TERRITORY
 LOCATION OF U OCCURRENCES & EXPLORATION

DWG. NO. _____ SCALE: 1" = 50 MI. DRAWN BY D.J.
 H.T.S. DATE: 1/1/77 CHECKED BY J.B.



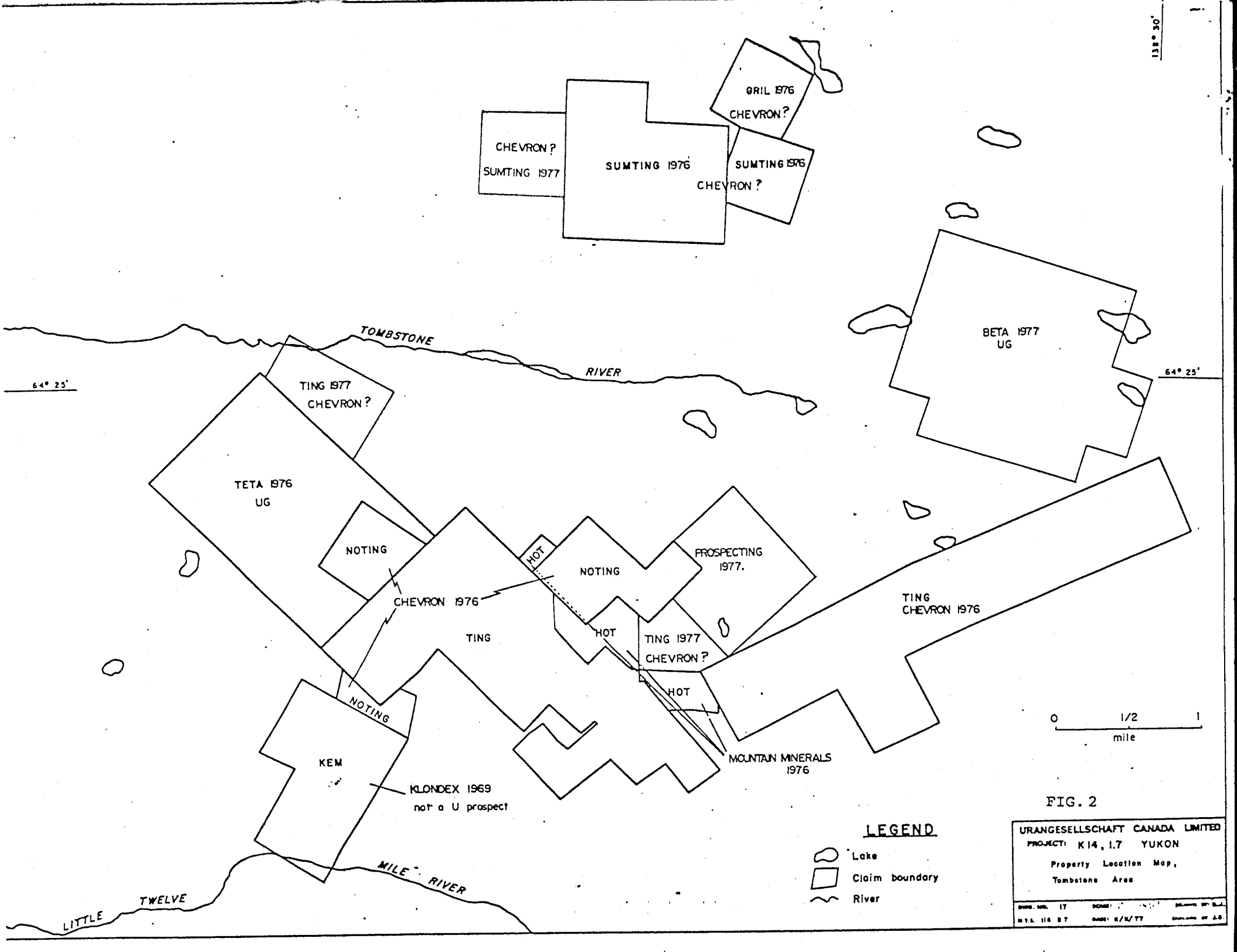


FIG. 2

URANGESELLSCHAFT CANADA LIMITED
 PROJECT: K14, I.7 YUKON
 Property Location Map,
 Tombstone Area

Sheet No. 17 Scale: 1" = 1/2 mile Drawn by: J.S.
 Date: 6/1/77 Checked by: A.S.

BETA CLAIM GROUP, Yukon Territory - N.T.S. 116-B-7

1. Description of Property

The Beta group of 26 claims is situated about 35 miles northeast of Dawson City in the Yukon Territory, at latitude $64^{\circ}25'$ and longitude $138^{\circ}31'$ (refer to Figures 3 and 4).

2. Work Done in 1977

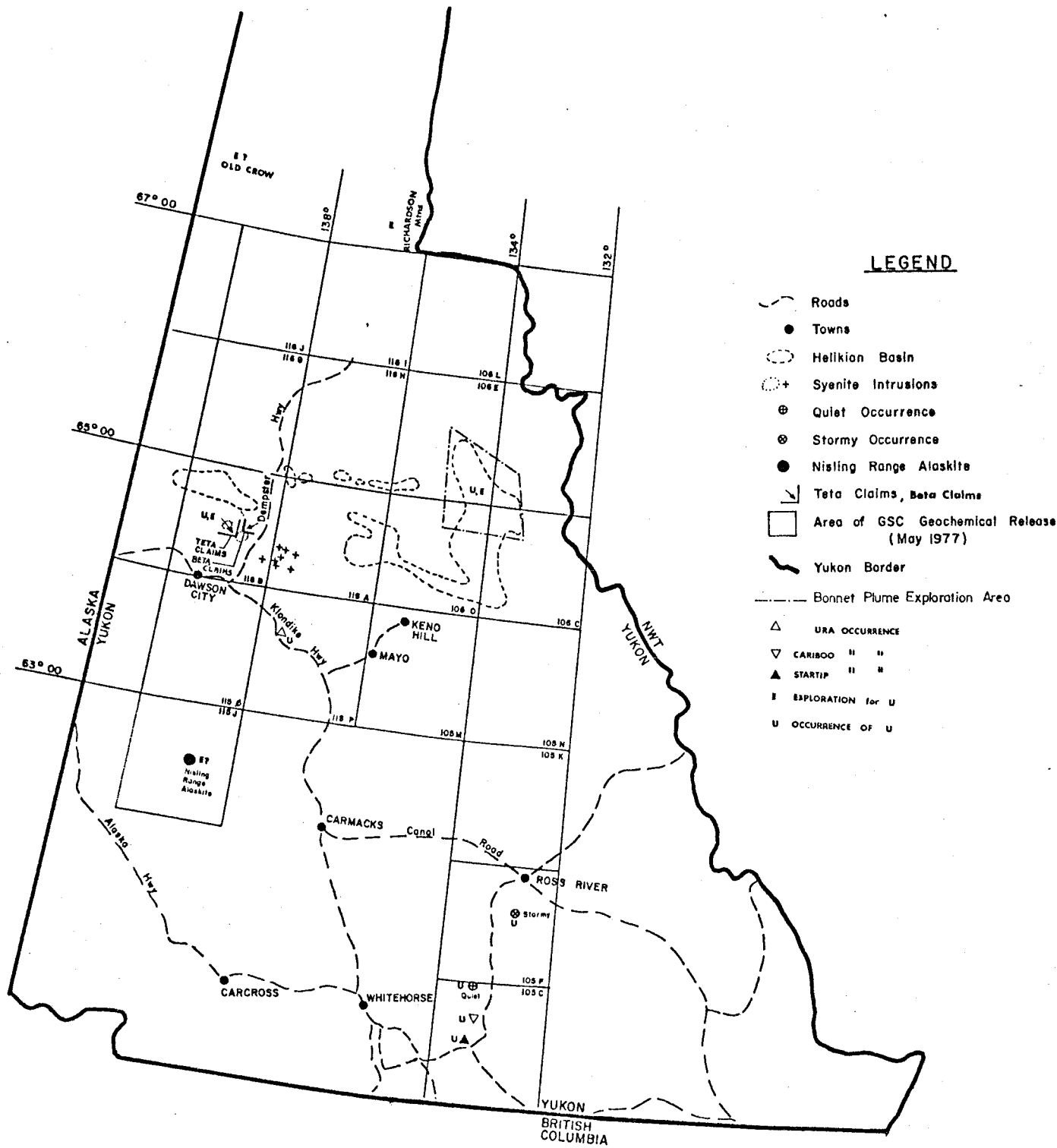
The property was geologically mapped. Grid scintillometer surveys were conducted. Detailed mapping and radiometric surveys were conducted over accessible portions of a radioactive dyke.

3. Results of Work Done

Radioactive mineralization is associated with alkali granite dykes within the syenite host. Thorium analyses of 1.7 and 2.0 lbs/ton were obtained from one dyke. Uranium analyses were less than 0.30 lbs/ton. The dykes are seldom greater than 10 feet wide and have been traced over distances of 750 feet.

4. Work Planned for 1978

No work is planned for 1978.



LEGEND

- Roads
- Towns
- Hellkian Basin
- Syenite Intrusions
- Quiet Occurrence
- Stormy Occurrence
- Nisting Range Alaskite
- Teta Claims, Beta Claims
- Area of GSC Geochemical Release (May 1977)
- Yukon Border
- Bonnet Plume Exploration Area
- URA OCCURRENCE
- CARIBOO " "
- STARTIP " "
- EXPLORATION for U
- OCCURRENCE OF U

Figure 3

URANGESELLSCHAFT CANADA LIMITED
 PROJECT: K14, L7 YUKON

LOGISTICS MAP
 YUKON TERRITORY
 LOCATION OF U OCCURRENCES & EXPLORATION

DWG. NO. _____ SCALE: 1" = 50 mi DRAWN BY: D.J.
 N.T.S. DATE: 1/1/77 CHECKED BY: J.B.



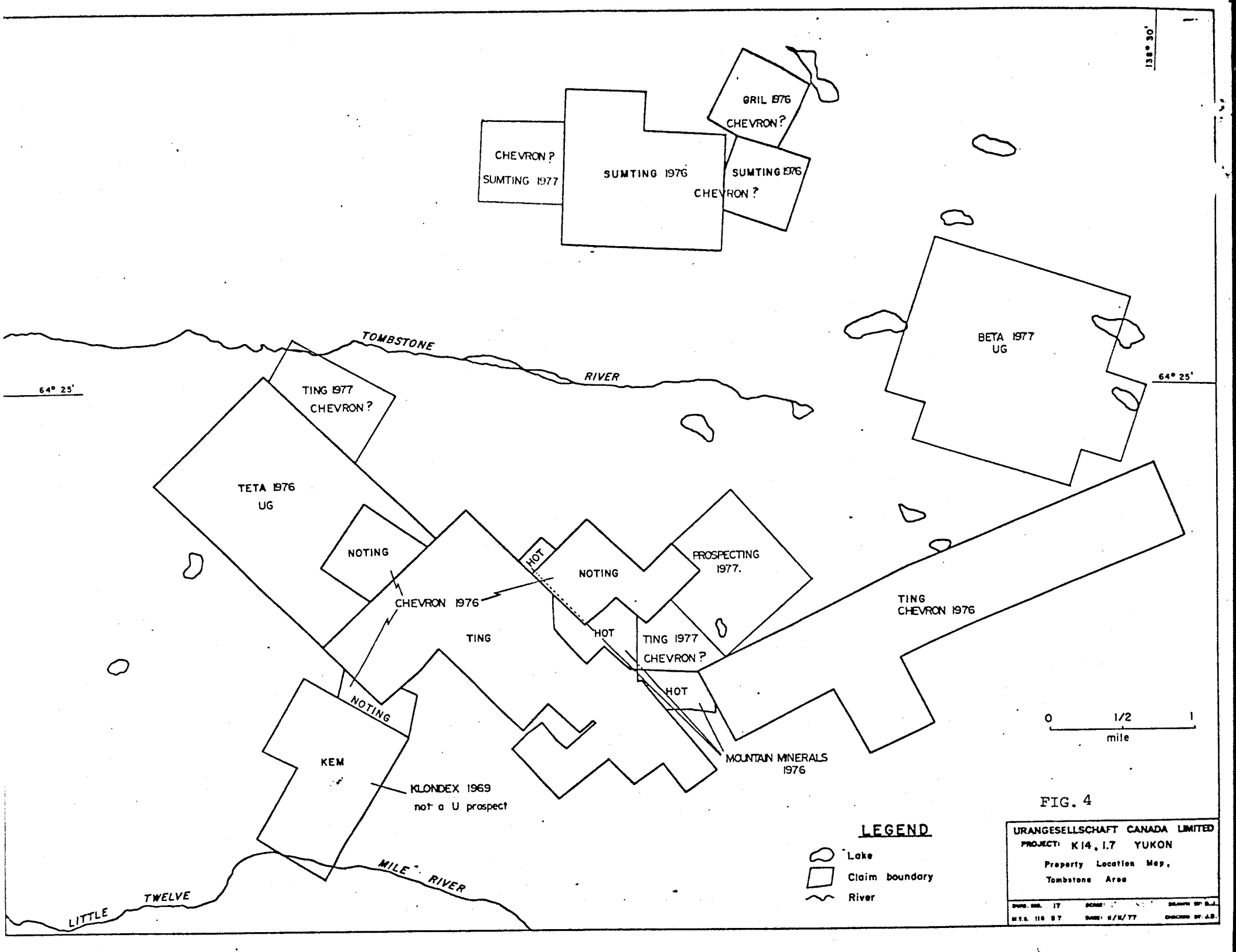


FIG. 4

URANGESELLSCHAFT CANADA LIMITED
 PROJECT: K14, I.7 YUKON
 Property Location Map,
 Tombstone Area

DATE: 8/12/77
 DRAWN BY: J.L.
 CHECKED BY: A.B.

JUG CLAIM GROUP, Yukon Territory - N.T.S. 105 C-14

1. Description of Property

The Jug group of 46 claims is situated 70 miles east of Whitehorse in the Yukon Territory, at latitude 60°57' and longitude 133°08' (refer to Figures 5 and 6).

2. Work Done in 1977

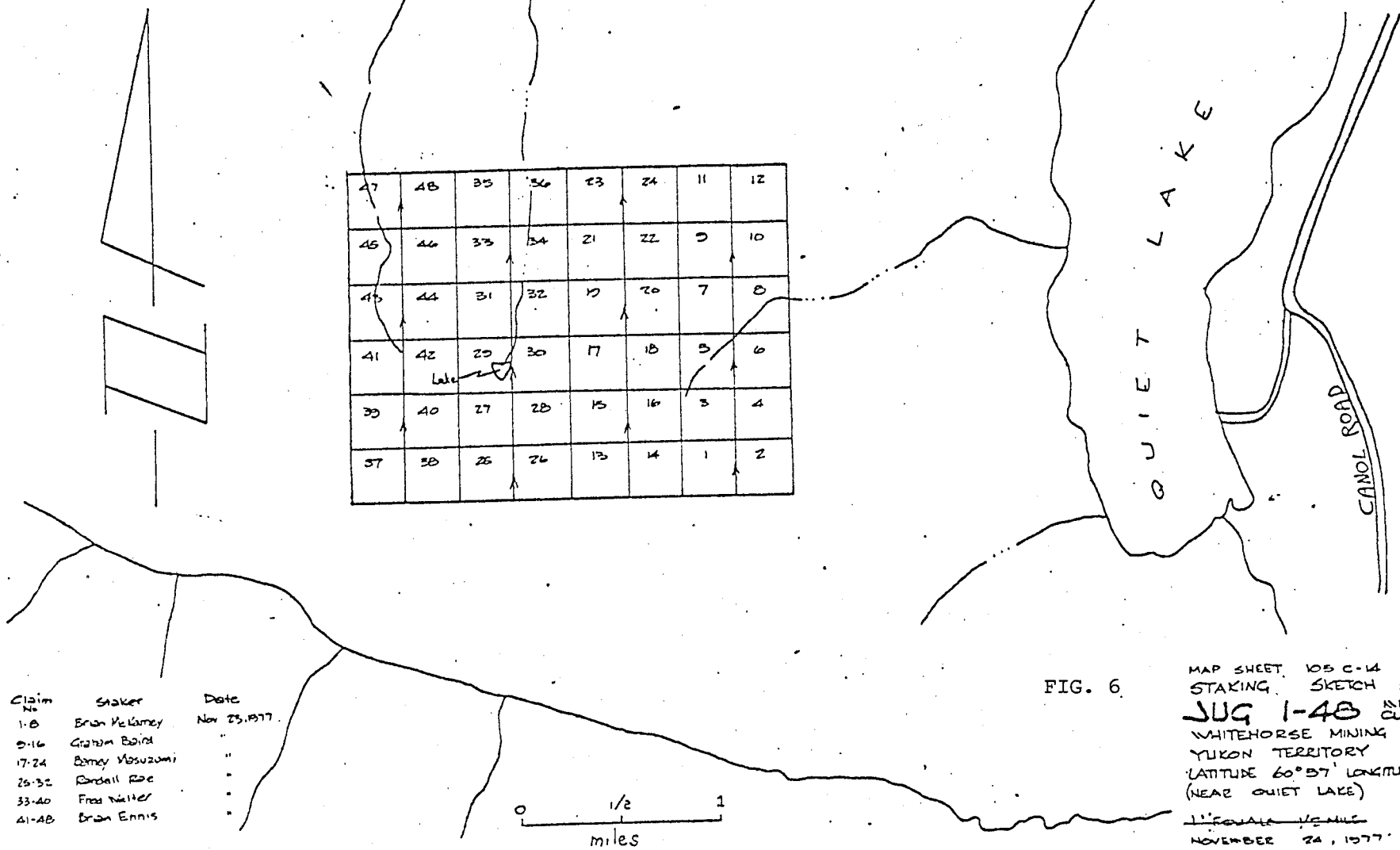
Reconnaissance work was conducted on September 2, 1977. Ten samples of radioactive granitoid rock were collected and forwarded to Bondar-Clegg in Ottawa for geochemical analysis.

3. Results of Work Done

The granitoid rock samples were found to contain between 0.12 and 29.2 lbs U/ton (average 4.6 lbs U/ton). The average U:Th ratio was 20:1.

4. Work Planned for 1978

Grid scintillometer surveys, spectrometer surveys and rock sampling are planned for 1978.



Claim No	Staker	Date
1-8	Brian McLamey	Nov 25, 1977
9-16	Graham Baird	"
17-24	Benny Masuzumi	"
25-32	Randall Rose	"
33-40	Fred Nether	"
41-48	Brian Ennis	"

FIG. 6

MAP SHEET 105 C-4
 STAKING SKETCH SHOWING
JUG 1-48 MINERAL CLAIMS
 WHITEHORSE MINING DISTRICT
 YUKON TERRITORY
 LATITUDE 60°57' LONGITUDE 133°08'
 (NEAR QUIET LAKE)
 1" EQUALS 1/2 MILE
 NOVEMBER 24, 1977

HELFORD, IMPERIAL AND VEITTE LIMITED
 EX-2418 WHITEHORSE, YUKON TERRITORY