

CHINOOK CONSTRUCTION & ENGINEERING LTD.  
ASSESSMENT REPORT ON THE JO CLAIM  
GREENWOOD MINING DISTRICT, B.C.  
1ST SEPTEMBER TO 10TH SEPTEMBER, 1977

A.M. de Quadros  
Project Geologist  
November 30, 1977

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## INTRODUCTION

The Jo Claim belongs to Chinook Construction & Engineering Ltd. It was staked on 5th November 1976 and bears the tag number 26416; it was recorded on 9th November 1976, with record number 122-5 and claim number 574. The Claim consists of 20 units.

The Claim is located 3 kms north of Grand Forks (Fig. 1); access is by two dirt roads stretching north from Highway 3 near Grand Forks. Access is thus excellent; much of the property is an open woodland and opens out into grassland in the south. Outcrop is generally poor, except on some of the steeper slopes and scarps.

A brief geological and prospecting visit indicated no radioactive rocks; rocks that were observed were a well-banded and foliated metasedimentary sequence now consisting of biotite schists and marbles with a wide range of mineralogy. A great quantity of intrusive pegmatoid material is present, often up to 20% of the rocks.

A very preliminary geochemical programme was instituted on the Jo Claim; this was not completed. The following is a report on the work done on the Jo Claim.

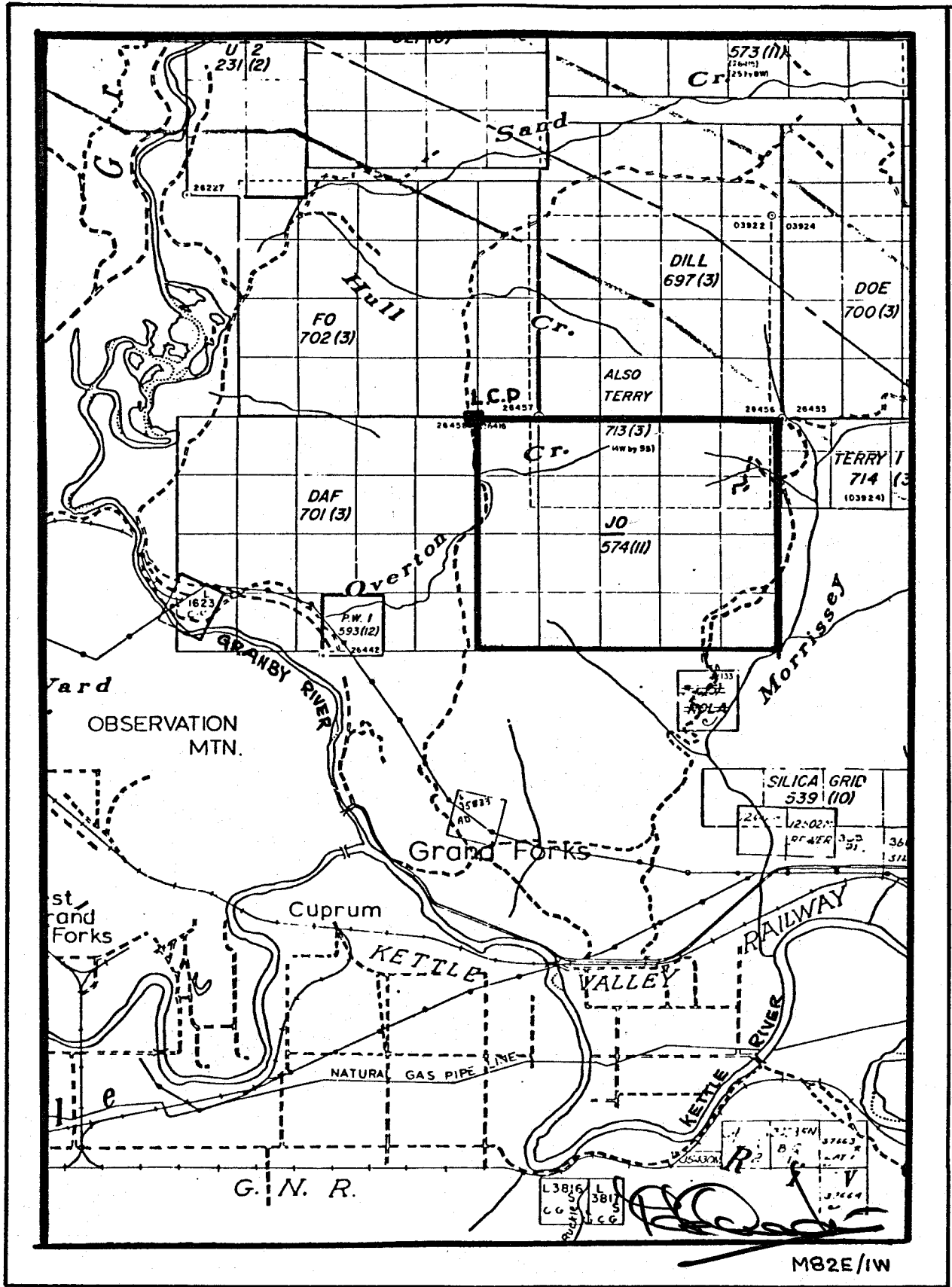


FIG.1: LOCATION MAP - JO CLAIM

M82E/iw

WORK DONE

An East-West base line, with the point of origin at the legal corner post was chained and flagged; North-South cross-lines were turned off every 200 metres, and soil samples were taken every 50 metres. A total of eight cross-lines, with 290 soil samples were completed.

The soil samples were shipped to Chemex Labs Ltd. in North Vancouver for Uranium determination. The analyses were carried out as follows:

0.5 gms of -80 mesh sample was ashed and digested twice with 4M HNO<sub>3</sub>. The residue was then dissolved in 25 ml 4M HNO<sub>3</sub> and shaken. After settling, 0.2 ml of the solution was placed on a platinum dish and evaporated to dryness. A pellet of uranium-fluorescent flux was added to the residue and fused at 650°C. The resultant pellet was placed in a Tanner III fluorometer and its fluorescence compared with a standard pellet to an accuracy of 0.5 ppm uranium.

The results were generally low, most samples assaying >0.5 ppm. Taking the samples assaying >0.5 ppm to average 0.25 ppm, the following results were obtained:

mean ( $\bar{x}$ )	0.4 ppm
standard deviation (s)	$\pm$ 0.6 ppm
threshold ( $\bar{x} + s$ )	1.0 ppm
low anomaly ( $\bar{x} + 2s$ )	1.6 ppm
high anomaly ( $\bar{x} + 3s$ )	2.2 ppm

4.

These values are not very significant and not enough data points were obtained for contouring; these are presented on Fig. 2. Further work is planned during next season to complete the geochemistry and to visit the areas where the higher values have been obtained.




A.M. de Quadros  
Project Geologist

STATEMENT OF COSTS

Period September 1 - September 10, 1977

a) Wages		
A.M. de Quadros, Project Geologist	2 days @ \$90.00	180.00
2 Assistants	10 man days @ \$60.00	<u>600.00</u>
		780.00
b) Room and Board (Motel)		
12 man-days @ \$32.00		384.00
c) Transportation		
1 4x4 Truck @ \$500.00/month		150.00
d) Geochemical Assays		
290 @ \$2.25		661.20
e) Expendables (flagging, thread, etc.)		100.00
f) Report Preparation		200.00
		<hr/>
	Total Cost	<u>\$2,275.20</u>

  
A.M. de Quadros  
Project Geologist

STATEMENT OF QUALIFICATIONS

I, Antonio M. de Quadros, certify that:

a) I hold the following degrees in Geology:

B.Sc. Hons.	University of London	1964
M.S.	U.C.L.A.	1968
Ph.D.	University of Nairobi	1972

b) I have worked on geological projects since 1959, including:

- i 1964-1965: Geologist, Geological Survey of Tanzania
- ii 1968-1972: Lecturer in Geology, University of Nairobi, Kenya
- iii 1973 : Geologist, Agilis Exploration Services, Vancouver, B.C.
- iv 1974 : Geologist, Union Carbide Exploration, Vancouver, B.C.
- v 1974-1975: Geologist, Dolmage Campbell & Associates, Diamond Drilling of Hat Creek Coal Deposit
- vi 1975-1976: Geologist, Kerr Addison Mines, Feasibility & Exploration, Grum Joint Venture
- vii 1976-1977: Geologist, Dolmage Campbell & Associates, Interpretation, Hat Creek Coal Deposit

c) I am a pupil member of the Association of Professional Engineers of British Columbia.

  
A.M. de Quadros  
Project Geologist



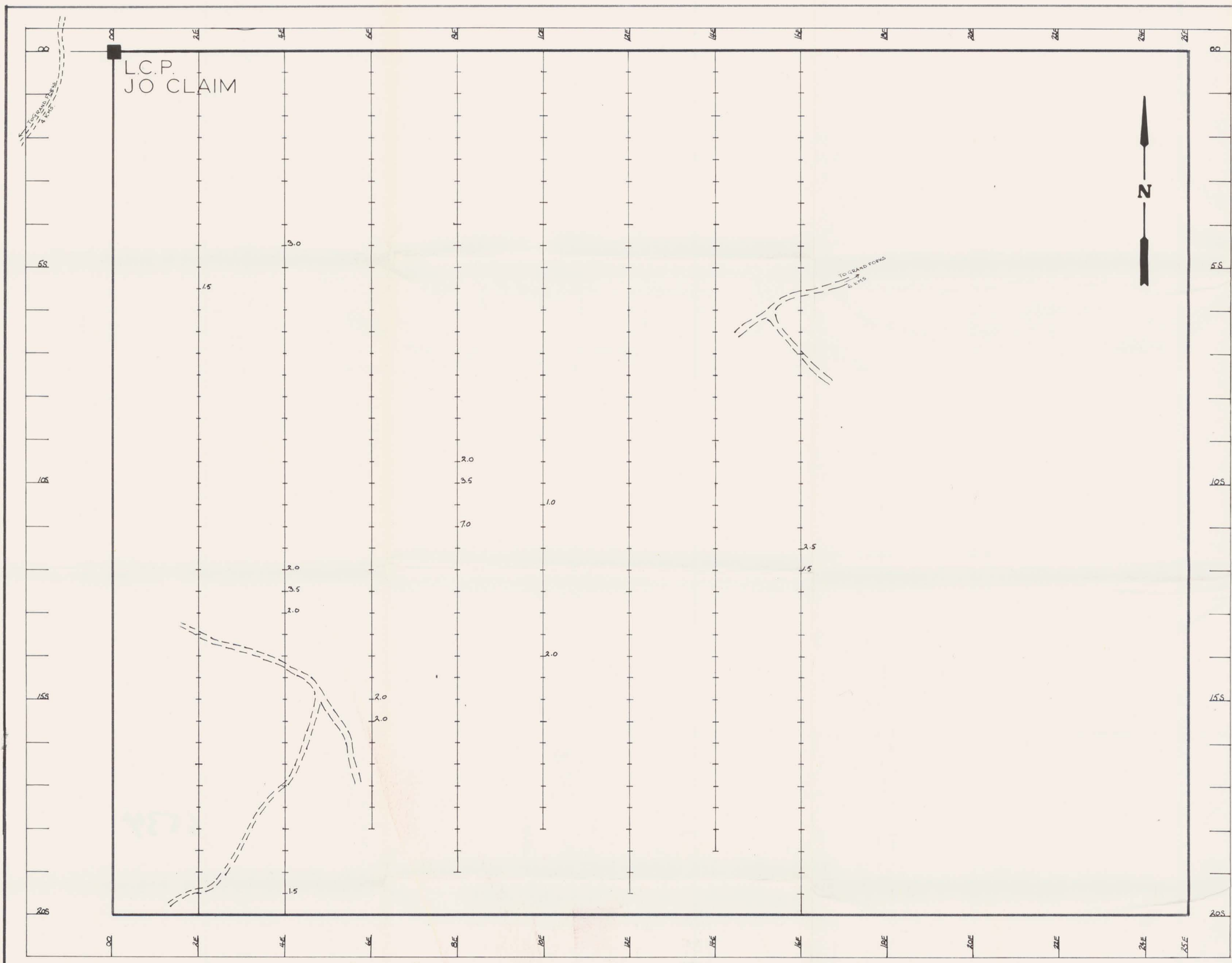
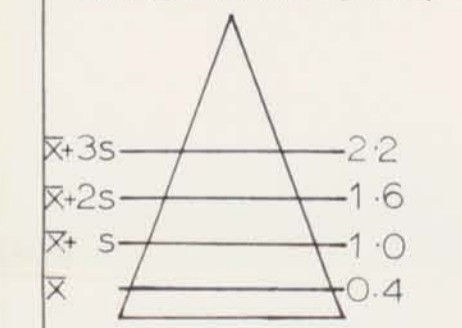


FIG. 2  
GEOCHEMISTRY-JO CLAIM

SCALE 1:5,000  
0 100 200 300 400 500 METRES

- claim boundary
- - - dirt road
- 2.5 -> soil sample (<0.5 not plotted)

URANIUM KEY (PPM)



(not enough data for contouring)

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 6534

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