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104P/6W

New Rich

GEOLOGICAL & GEOCHEMICAL REPORT
ON
NEW RICH Nos. 1 + 2 MINERAL CLAIMS
SITUATED 4 miles NE OF JUNCTION OF
HOT CREEK AND MLDAMES CREEK IN
LIARD M.D., B.C. (59°20'N; 129°29'W)
HOLDER OF CLAIMS: G.C.F. DALZIEL
WORK PERIOD - JUNE 21-28, 1973

BY: M. BRADFORD B.Sc. GEOL.

4481

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REPORT OF
GEOLOGICAL AND GEOCHEMICAL SOIL SURVEYS
ON
NEW RICH MINERAL CLAIMS NOS. 1 AND 2
RECORD NOS. 8022~~4~~ and 8023~~4~~

BY
M. BRADFORD BSc. (Geol)

PROPERTY SITUATED 4 MILES NE OF JUNCTION OF HOT CREEK
AND McDAMES CREEK IN LIARD M.D. BRITISH COLUMBIA

59° 20' North; 129° 29' west

WORK PERIOD JUNE 21 to JUNE 28 1973

Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. 4481 MAP	
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On back cover - Geological and Geochemical Map

#1 Geology map
#2 Geochemical map

2.

HISTORY - The New Rich Nos. 1 and 2 are located on Haskins Mountain in the Liard M.D. $59^{\circ} 20' N$, $129^{\circ} 29' W$. They are bounded on the east by C.G. L330 and L303 and on the west by C.G. L299, L300 and L301. They are all held by GCF Dalziel of Watson Lake, Y.T. The property has been Staked for a number of years, and most of the adjoining area is staked also. The mineralization on the crown granted claims consists of pyrrhotite and sphalerite with minor amounts of galena, pyrite and chalcopryite. Mineralization appears to be restricted to the quartzites at the contact with the overlying limestone and is a product of contact metamorphism due to a granite porphyry which outcrops to the northwest. The area has been reported in GSC Memoir 319, McDame Map Area page 16.

PURPOSE OF SURVEY- As the area covered by the New Rich nos. 1 and 2 claims is largely overburden and talus it was decided to do a geochemical total heavy metal soil survey to see if the mineralized zone evident to the east and west could be traced. The claim area was chained off using 100 foot intervals along lines 300 feet apart. Geological mapping was done using the same grid lines for reference.

GEOLOGICAL MAPPING - The rock types observed were limestone, often with broken bands of shale, underlain by quartzites. The general trend is 120° but dip varies from 15° to 70°. There appears to be a northwesterly trending fault in the northeast corner of the map area. The limestone is barren of mineralization thru-out. The quartzites are often rusty in appearance due to minor amounts of disseminated pyrite. Sphalerite and galena were not observed in place but minor trace amounts of chalcopyrite were observed disseminated in the quartzites.

GEOCHEMICAL SURVEY.- Samples were collected at 100' intervals along lines 300' apart. A total of 180 samples, including two stream samples were collected. Most samples were from the 'B' horizon and were predominantly silty sand. A coarser sand was taken in places where a fine sample could not be obtained. These samples were dried and the fines were tested for readily soluble heavy metals by the standard Bloom test.

Background was 1 to 2 over the area with a weak trend of 3 and 4's in a northwesterly direction. As Zn is very reactive to this test one would expect a stronger trend if there was any near surface mineralization. No such trend was noted.

CONCLUSIONS- The geological and geochemical soil surveys over the map area indicate no Pb-Zn- mineralization near or on surface. Occasional float with Pb-Zn mineralization similar to the surrounding mineralization on the crown-grant claims was found but not in place. There is a possibility that the mineralized zone did not extend as far into the quartzites as in the adjoining area but this could only be positively ascertained by drilling.

CERTIFICATE

I, Myles T. Bradford do hereby certify:

- that I am a geologist, residing at Dease Lake, B.C.
- That I am a graduate of UBC with a BSc. in geology (1964)
- that I was employed for 8 years as a geologist for the Patino Mining Corp. and its subsidiary, Lytton Minerals Ltd. and have conducted and supervised several surveys of this type in Northern B.C.
- that as I have intentions to become a Professional Engineer registered in B.C. , and having access to the materials necessary to carry out a survey of this nature, consider myself qualified to do this survey.

Myles Bradford BSc.

Watson Lake Y.T.
June 29, 1973

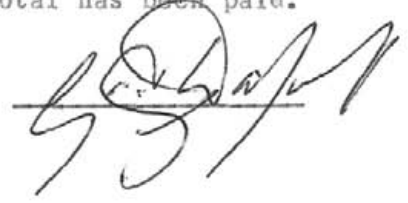
PERSONELL EMPLOYED

Name	Address	Period	Type of work	Rate
M. Bradford	Dease Lake, B.C.	June 21-28	Geology and geochem	\$50/day
S. Macalister	Watson Lake Y.T.	June 21-27	Geochem	\$25/day

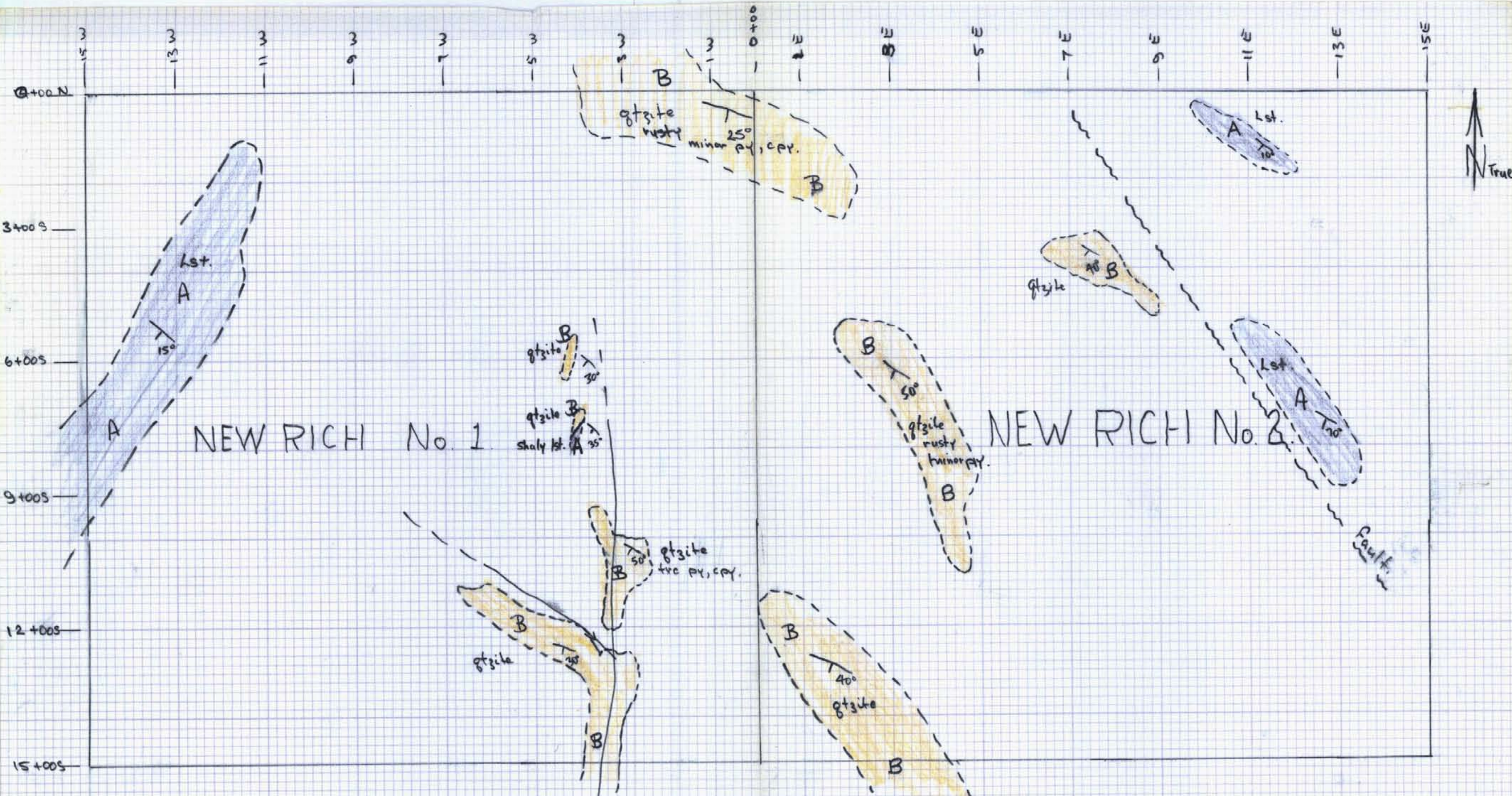
EXPENSES APPLICABLE TO GEOLOGICAL AND GEOCHEMICAL SURVEY

1. Wages	\$500
2. Truck Rental	\$150
	<u>\$650</u>

I certify the above total has been paid.



A handwritten signature in black ink, appearing to be 'G. S. [unclear]', is written over a horizontal line.



NEW RICH No. 1

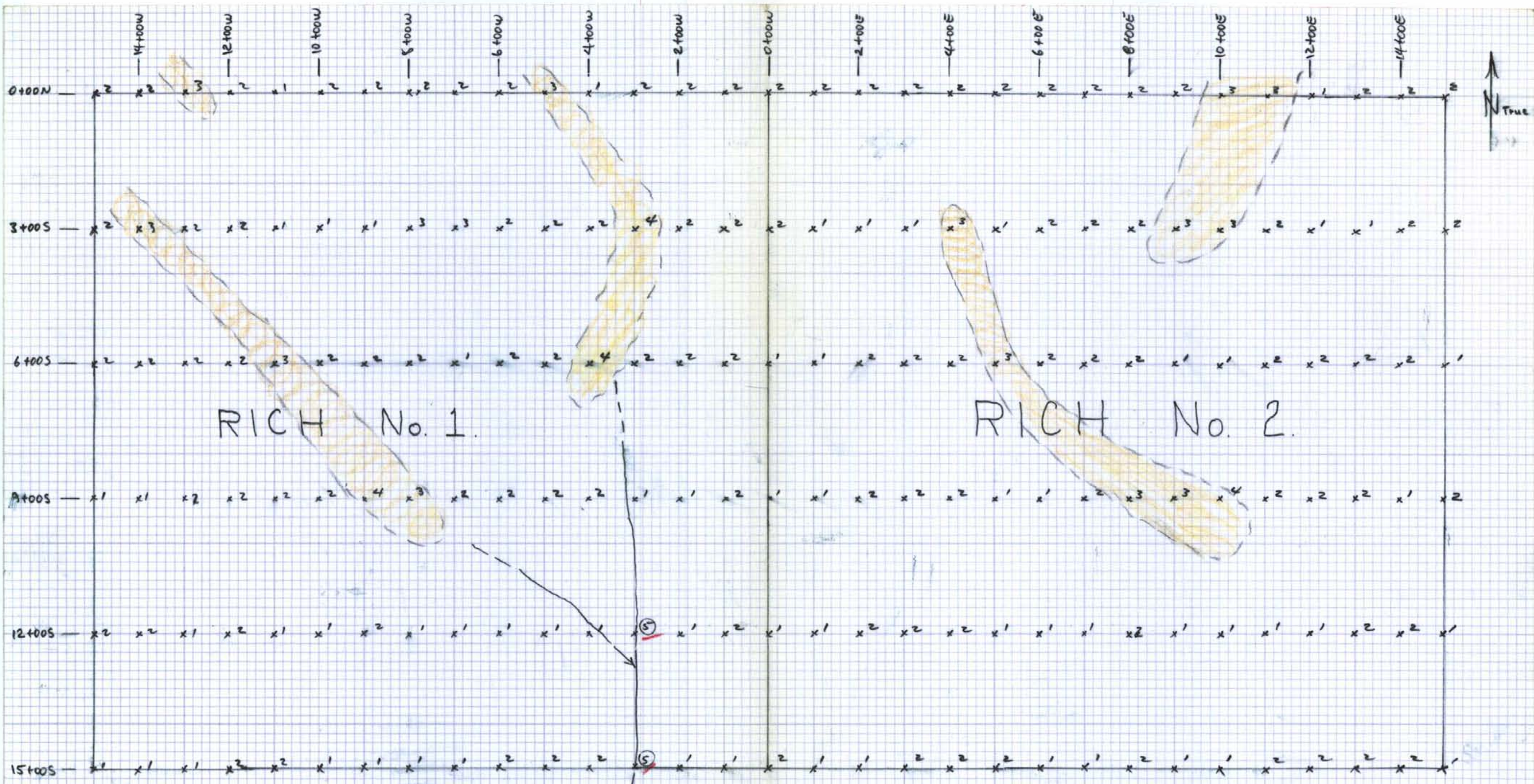
NEW RICH No. 2

LEGEND

- A LIMESTONE
- B QUARTZITE
- | Claim Boundary

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **4481** MAP #1

GEOLOGY MAP
OF
NEW RICH No. 1 & 2.
SCALE 1" = 200'
JUNE 1973
4481-M1



RICH No. 1.

RICH No. 2.

- LEGEND**
- x3 - THM IN MLS 0.001% DIETHZONE SL'N (BLOOD TEST)
 - - Less than 2 mls.
 - - 3 + 4 mls.
 - - 5 mls and over
 - ④ - stream sample
 - Claim Boundary

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4481 MAP #2

GEOCHEMICAL SOIL SURVEY
NEW RICH No. 1 + 2 CLAIMS
SCALE 1" = 200' JUNE 1973

4481-M2