

LOG NO: 09-28	RD.
ACTION: <i>Date received back from amendment</i>	
FILE NO:	

LOG NO: 0515	RD.
ACTION:	
FILE NO:	

ASSESSMENT REPORT  
 PROSPECTING THE BUDDY #1 CLAIM GROUP  
 FORT STEELE MINING DIVISION  
 BRITISH COLUMBIA

NTS: 82G/5W 82F/8E  
 LAT: 49° 25'  
 LONG: 116° 00'

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

19,975

by: G.P. LEASK, B.A.Sc.  
 MAY 5, 1990

owners: K.J. QUINN  
 G.M. STERNIG  
 T.E. KENNELLY

## TABLE OF CONTENTS

	<u>Page</u>
1.0 Location, Access & Physiography	1 /
2.0 Claim & Ownership	1 /
3.0 History	1 /
4.0 Property Geology	4 /
5.0 Prospecting	4 /
6.0 Conclusions	4 /
7.0 Statement of Expenditures	5 /
8.0 References	5 /
9.0 Statement of Qualifications	6 /

## LIST OF FIGURES

Figure 1	Location Map	2 /
Figure 2	Claim Map	3 /
Figure 3	Traverse Map	In Pocket /

### 1.0 Location, Access and Physiography

The Buddy #1 claim group is located 20 kilometers southwest of Cranbrook, British Columbia. Sixteen units comprise the claim block straddling Noke Creek.

Access to the claim area is by Highway 3-94 south from Cranbrook, west on the Moyie River Forest Road and then north on the Weaver Creek logging road.

Gentle topography typify most of the claim group. Along the west boundary of the claim group, the topography is much more rugged with steep rocky ridges.

Prospecting on the property was carried out between August 4th and August 17th 1989 by Gordon P. Leask and Kevin Quinn.

The claim location is shown on Figure 1.

### 2.0 Claims and Ownership

The sixteen units comprising the Buddy #1 claim are located within the Fort Steele Mining Division and are shown in Figure 2.

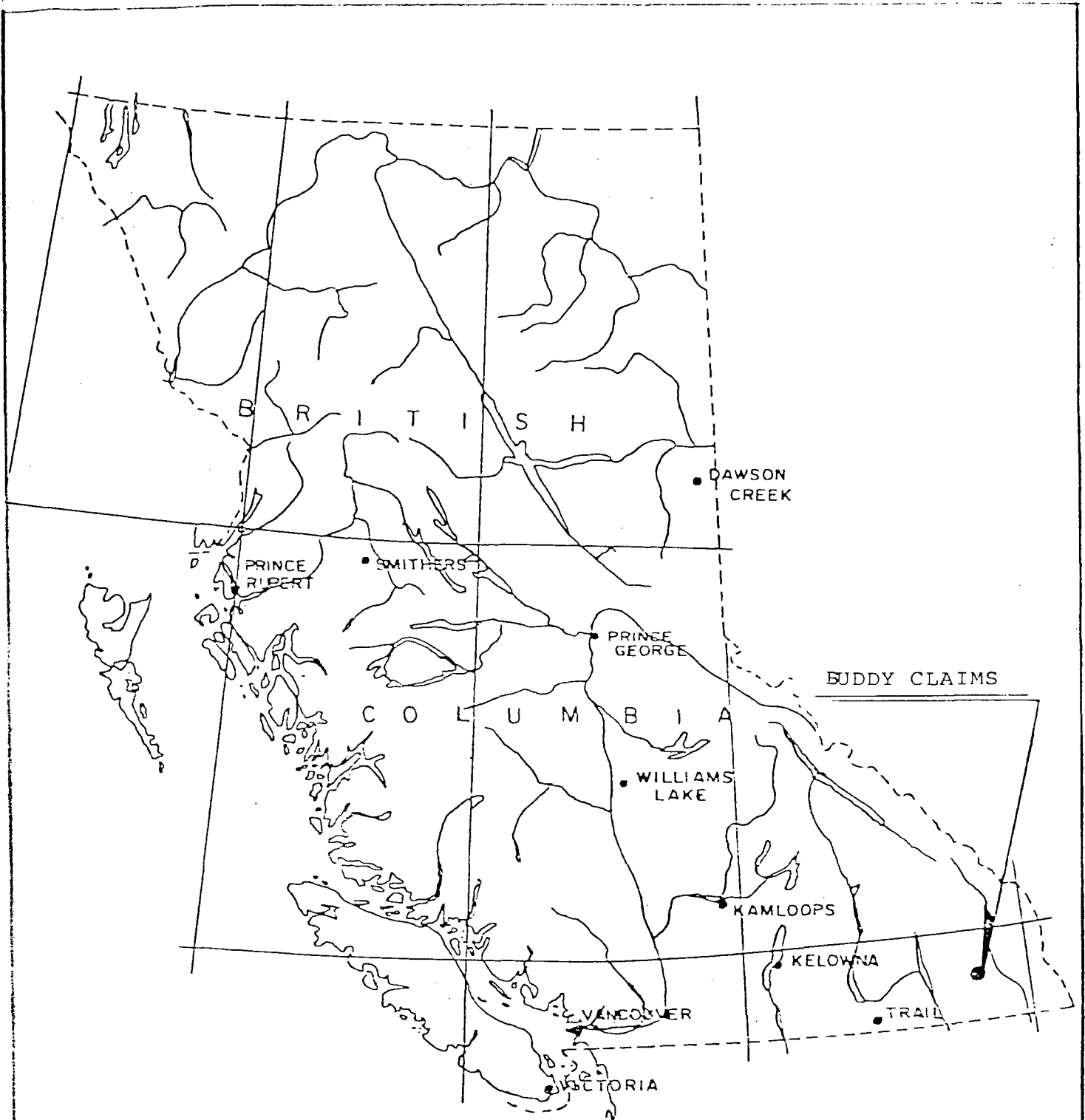
#### CLAIM DATA

<u>Name</u>	<u>Size</u>	<u>Record No.</u>	<u>Record Date</u>
Buddy #1	16 units	3072	18/03/88

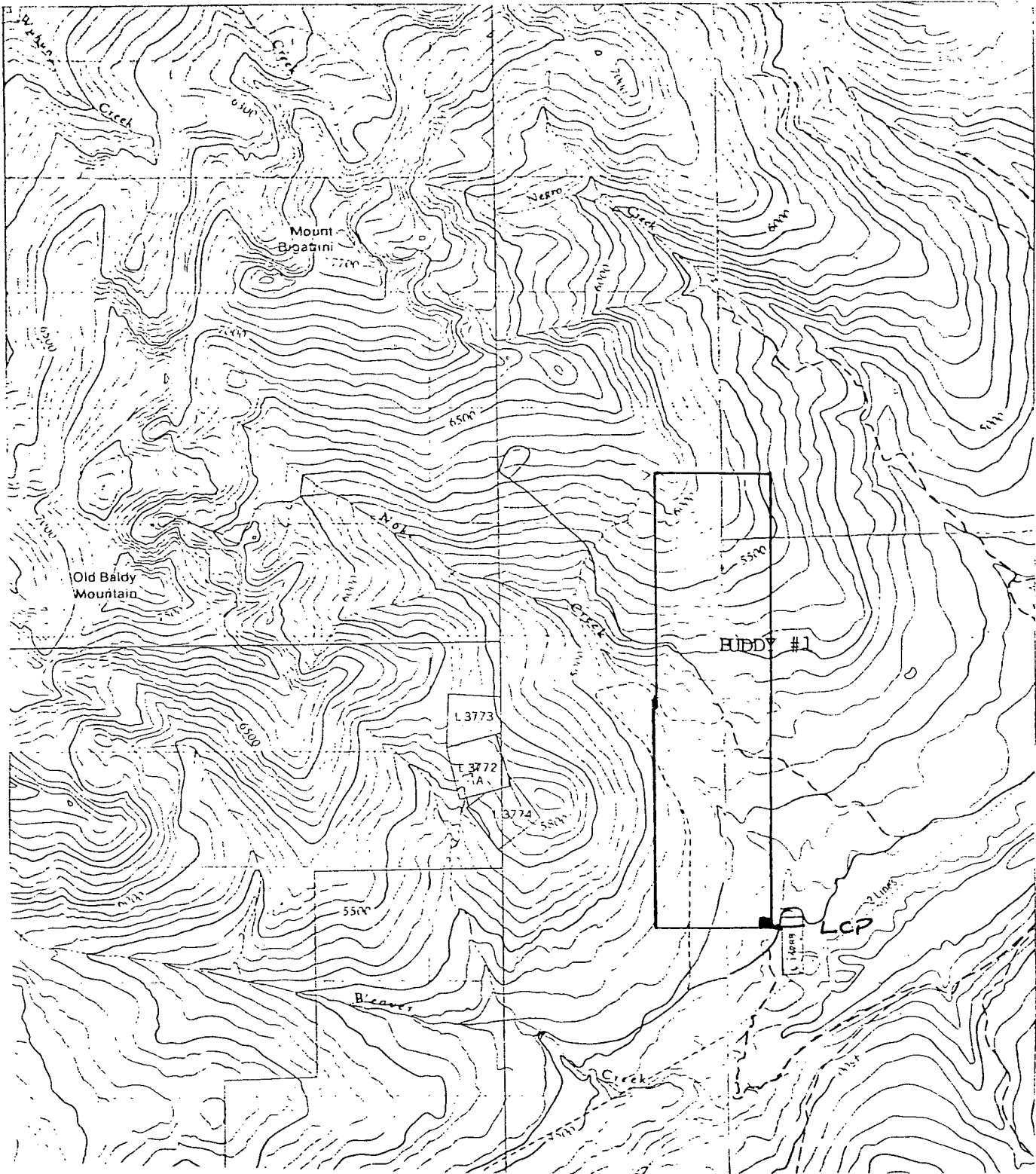
The Buddy #1 claims are owned jointly by Kevin Quinn, Tom Kennelly and Greg Sternig, all of Cranbrook, B.C.

### 3.0 History

No previous recorded exploration was found to exist on the Buddy #1 claims. Regional geologic mapping was conducted on the property by Trygue Hoy, 1980.



BUDDY CLAIM GROUP	
LOCATION MAP	
	FIGURE: 1



BUDDY CLAIM MAP	
NIS 82G/5W 82F/8E	Date: Apr 4/90
Scale 1:50,000	Figure 2

#### 4.0 Property Geology

The property is underlain by rocks of the Middle Aldridge Formation of the Purcell Supergroup. Local geologic attitudes within the property are 20-30° Az strike with 30-35° westerly dip. Lithologies are dominated by classic turbidite sequences and are thought to be approximately 3000' above the Lower-Middle Aldridge contact.

#### 5.0 Prospecting

A total of 6 man days were spent prospecting the main drainage of Noke Creek and the northern slope of the Noke Creek drainage. Logging roads and cuts were prospected, and as well, they provided excellent access to the entire property.

The main Noke Creek drainage was underlain with Middle Aldridge sediments as well as abundant Creston formation quartzite float material. A boulder of hematite rich green Creston quartzite was found in the drainage although no source for this float was located.

The prospecting objective was to determine if a North Star hill style mineral occurrence existed on the property. Prospecting to date has not identified such an occurrence though it must be taken into consideration that large areas of the property are overburden covered.

#### 7.0 Conclusions

No mineral occurrences were discovered on the property. The property has interesting geologic potential for stratiform base metals as well as gold veins associated with the Palmer Bar Fault. It should be further explored.

### 8.0 Statement of Expenditures

G. Leask	2.0 days travel @ \$250/day	\$	500
	3.0 days prospecting @ \$400/day		1,200
	0.5 days report preparation		200
K. Quinn	3.0 days prospecting (assist.) @ \$100/day		300
Truck rental	2000 km @ \$0.30/km		600
Fuel			300
Food	5 days @ \$20/day		100
Accommodation	5 days @ \$40/day		200
Typing			80
			<hr/>
	Total	\$	3,480

### 8.0 References

Hoy, T. and Diakow, L., 1980, Geology of the Moyie Lake MAP area, Preliminary Map No. 49, Ministry of Energy mines and Petroleum Resources, Province of British Columbia.

**9.0 Statement of Qualifications**

I, Gordon P. Leask, do hereby certify that,

1. I am a geologist with residence at 192 West 23rd Ave, Vancouver, B.C. V5Y 2G9.
2. I am a graduate of the University of British Columbia with a Bachelor of Applied Science degree in Geological Engineering (1985).
3. I have been involved in mining exploration since 1979.

  
Gordon P. Leask



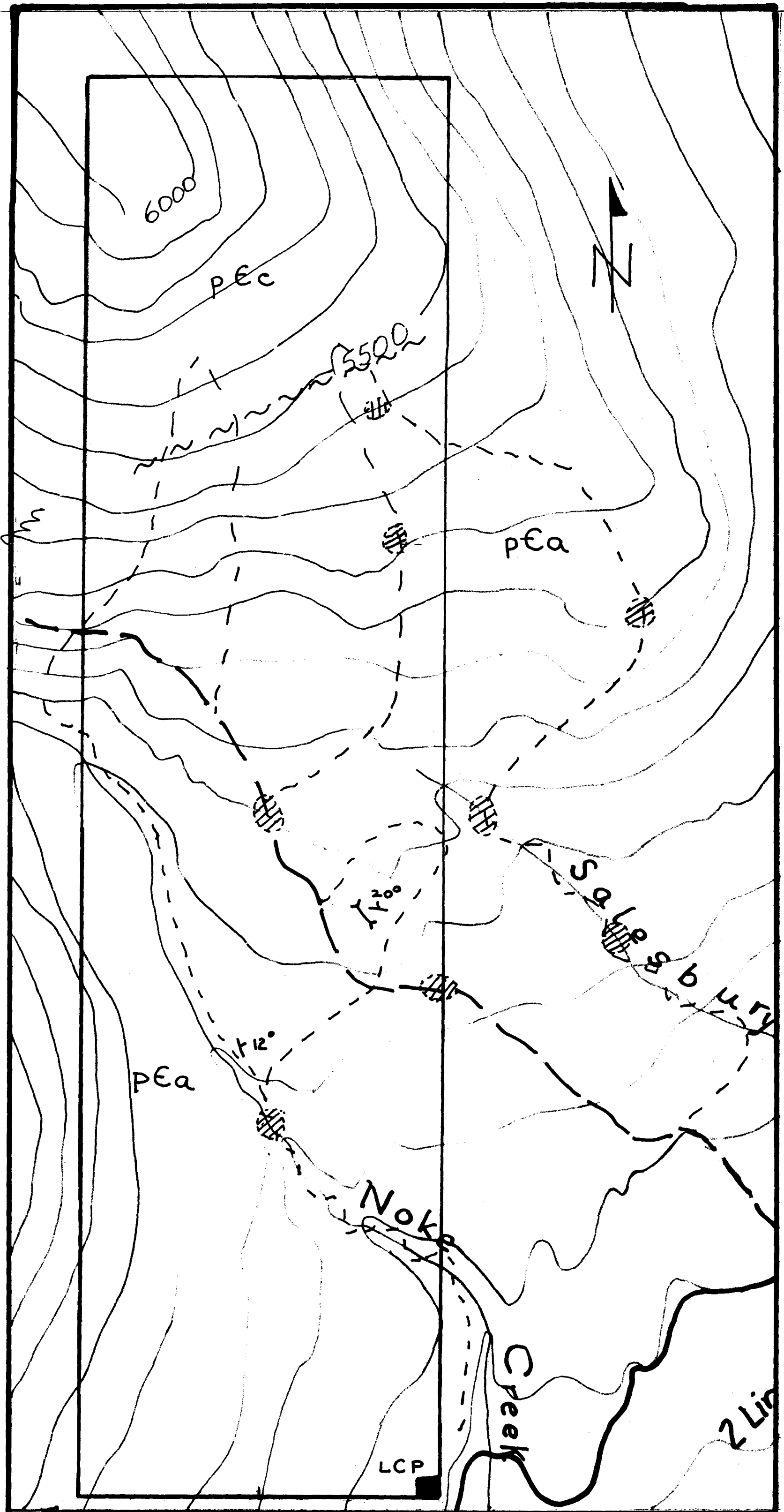


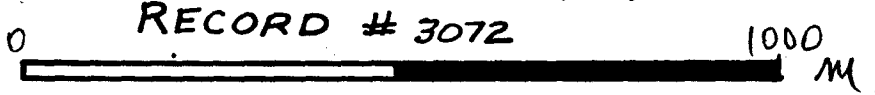
FIG 3 TRAVERSE MAP

NTS 82G5W / 82F8E

- TRAVERSE
- Fault
- OUTCROP
- Trench
- BEDDING
- ROAD
- pEa** Precambrian Aldridge
- pEc** Precambrian Creston

**BUDDY CLAIM**

RECORD # 3072



1:10,000 ± Kilometer

19975