

# 5120

## 104I/IW

SUMAC MINES LIMITED

DIAMOND DRILLING ON THE KUTCHO GROUP  
(SMRB CLAIMS 1 - 16)

APRIL - MAY 1974

Department of	
Mines and Petroleum Resources	
ANNUAL REPORT	
NO.	5120
MAP	.....

*T. Poljan*  
1.4.111.74

## Introduction

This report contains the logs and costs of some diamond drilling on the Kutcho Group in 1974.

The drilling, BQ Wireline, was done under contract by Arctic Diamond Drilling Ltd. of Whitehorse.

The costs which are tabulated later are for the entire drill program. Because of limitations on the amount of assessment work which may be applied in advance only four holes are reported on.

The core is stored on the property at the camp site.

Direct Project Costs, Kutcho 1974

(a) (b)	T.C.Scott	March 27 - May 29	= \$ 3,703.84
	A. Stone	April 1 - May 27	= 1,965.50
	K.Hashimoto	May 14 - May 24	= <u>986.18</u>
			6,655.52
(d)	Drill mobilisation by cat train from Dease Lake		9,457.00
(e) i	Fixed wing support		2,244.70
ii	Helicopter support		28,721.50
(h)	Report preparation		200.00
(i)	Diamond drilling contract cost		49,192.68
			<u>\$ 96,471.40</u>

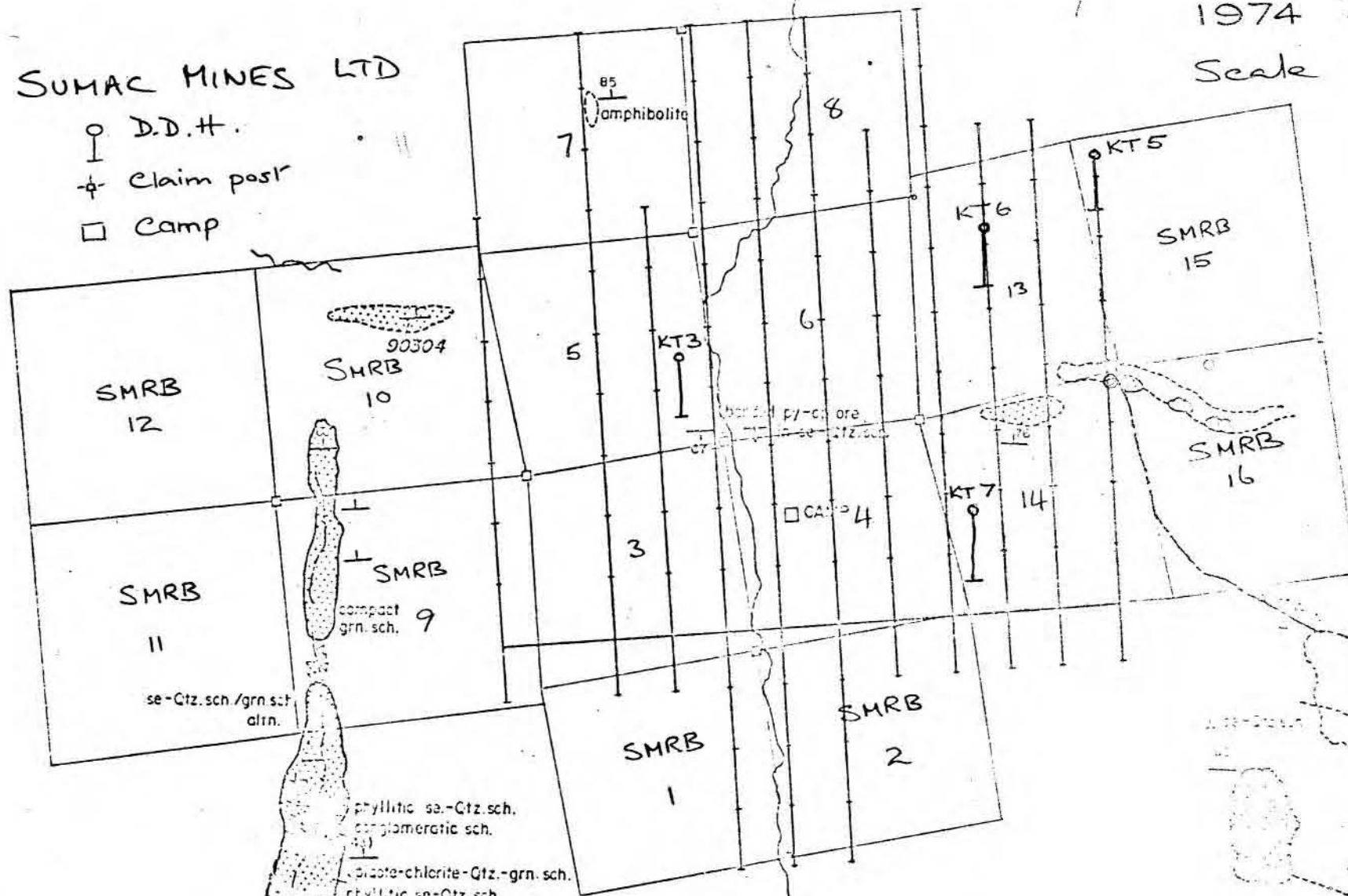
*Fraser*

KUTCHO

1974 DRILLING  
Scale 1" = 1000'

SUMAC MINES LTD

- D.D.H.
- ⊥ Claim post
- Camp



5120  
M2



# DIAMOND DRILL RECORD

PROPERTY Kutcho

HOLE No. KT 5

DIP TEST		
Footage	Angle	
	Reading	Corrected
0		-45
250		-40
492		-40

Hole No. KT 5 Sheet No. \_\_\_\_\_  
 Section \_\_\_\_\_  
 Date Begun 16.IV.74  
 Date Finished 22.IV.74

Lat. 2780N  
 Dep. 2480E  
 Bearing 180°  
 Elev. Collar 4770'

Total Depth 492'  
 Logged By K. Hashimoto  
 Claim SMRB 13  
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 16	CASING					
16 - 32	GREEN SCHIST (2 - 3% pyrrhotite)					
32 - 42	PELITIC BLACK SCHIST					
42 - 57	DARK GREEN BIOTITE SCHIST					
57 - 74	GREEN SCHIST					
74 - 216	DARK GREEN SCHIST (contains large albite porphyroblasts)					
216 - 221	SERICITE SCHIST					
221 - 245	PELITIC BLACK SCHIST					
245 - 300	PALE GREEN SCHIST (fine-grained, compact)					
300 - 342	EPIDOTE CHLORITE SCHIST					
342 - 347	DARK GREEN SCHIST					
347 - 373	SERICITE CHLORITE SCHIST					
373 - 384	QUARTZ SERICITE SCHIST (380' - banded pyrite)					
384 - 492	DARK GREEN SCHIST					
492	END OF HOLE					

# DIAMOND DRILL RECORD

PROPERTY Kutcho

HOLE No. KT 7

DIP TEST		
Footage	Angle	
	Reading	Corrected
0		-50
250		-40
500		-40

Hole No. KT 7 Sheet No. \_\_\_\_\_  
 Section \_\_\_\_\_  
 Date Begun 3.V.74  
 Date Finished 8.V.74

Lat. 2205N  
 Dep. 2420E  
 Bearing 180°  
 Elev. Collar 4900'

Total Depth 500'  
 Logged By K. Hashimoto  
 Claim SMRB 14  
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 28	CASING					
28 -162	SERICITE QUARTZ SCHIST (contains up to 15% pyrite)					
162 -186	PALE GREEN PHYLLITIC SCHIST (contains up to 15% pyrite)					
186 -189	SERICITE QUARTZ SCHIST (20% pyrite)					
189 -233	PALE GREEN SCHIST (up to 6% pyrite)					
233 -268	SERICITE QUARTZ SCHIST (up to 15% pyrite)					
268 -410	PALE GREEN SERICITE QUARTZ SCHIST					
410 -500	WHITE SERICITE QUARTZ SCHIST					
500	END OF HOLE					

# DIAMOND DRILL RECORD

PROPERTY Kutcho

HOLE No. KT 6

DIP TEST		
Footage	Angle	
	Reading	Corrected
0		-50
300		-43
612		-35

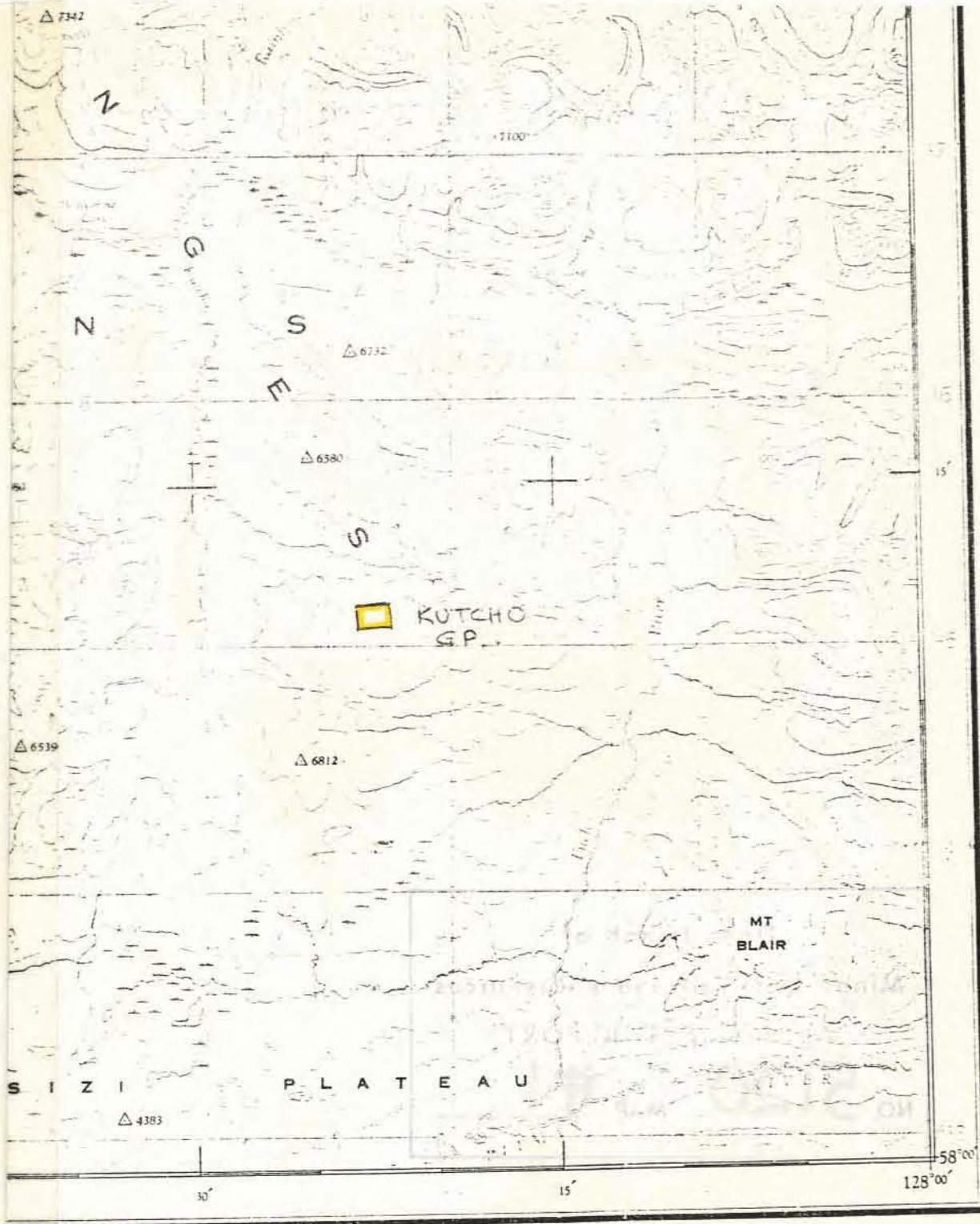
Hole No. KT 6 Sheet No. \_\_\_\_\_  
 Section \_\_\_\_\_  
 Date Begun 23.IV.74  
 Date Finished 1. V.74

Lat. 2880N  
 Dep. 2720E  
 Bearing 180°  
 Elev. Collar 4770'

Total Depth 612'  
 Logged By K. Hashimoto  
 Claim SMRB 15  
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 16	CASING					
16 - 34	DARK GREEN SCHIST					
34 - 50	MASSIVE GREEN SCHIST					
50 - 57	DARK GREEN SCHIST					
57 - 82	MASSIVE GREEN SCHIST					
82 - 86	SPOTTED GREEN SCHIST (contains plagioclase porphyroblasts)					
86 - 114	MASSIVE GREEN SCHIST					
114 - 121	SPOTTED GREEN SCHIST					
121 - 247	COMPACT GREEN SCHIST					
247 - 277	COMPACT PALE GREEN SCHIST (minor albite and epidote)					
277 - 316	SPOTTED GREEN SCHIST					
316 - 450	DARK GREEN ("amphibolitic") SCHIST					
450 - 509	DARK GREEN SCHIST					
509 - 526	SPOTTED GREEN SCHIST					
526 - 558	GREEN BIOTITE SCHIST					
558 - 565	LOST CORE					
565 - 612	DARK GREEN ("amphibolitic") SCHIST					
612'	END OF HOLE					





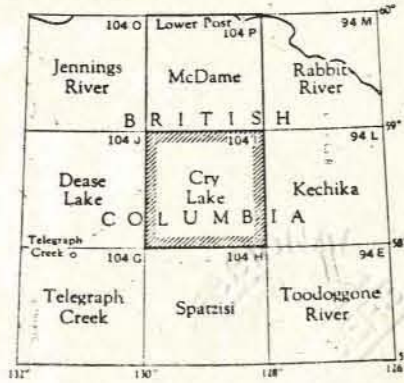
VR	WP
VQ	WQ
50	

TEN THOUSAND  
UNIVERSAL TRANSVERSE  
ZONE 9

Contour interval 500 Feet.  
All Elevations in Feet above Mean Sea Level.

REFERENCE

Triangulation Station	△	Spot Elevation, in feet	257
Contours, Elevation	—	Wooded Areas	.....
" Depression	—	Swamp or Marsh	.....
" Approximate	—		
Stream, Intermittent	—	Ferry	○
Dum	—	Navigation Light	⊙
Falls	—	Elevation in Feet 250	⊙
Aerodrome, on Land	—	on Water	⊙
Main Electric Power Line	—		



NOTE: On the above index the sheets published are shown tinted green

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