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ACTION:	JUL 26 1995 <i>Amended</i>	
FILE NO:		

REPORT  
ON  
PROSPECTING and GEOCHEMICAL SURVEY  
ON THE  
KUTCHO MINERAL CLAIMS,  
CRY LAKE REGION, BRITISH COLUMBIA  
LIARD MINING DIVISION

NTS 104 I/7 E  
Latitude: 58° 17' N ✓  
Longitude: 128° 32 ½' W ✓

By  
Ronald H.D. Philp, P. Eng.

FILMED

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**23,822**

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## INTRODUCTION

The Kutcho property consists of 2 claims totalling 36 units located approximately 85 km east-southeast of Dease Lake in the Liard Mining Division of B.C. Co-ordinates at the centre of the property are approximately 58° 17' N latitude, 128° 32 ½' W longitude.

Earlier reports of anomalous gold values in rock and soil samples in two separate areas led to the staking of the Kutcho claims to cover these and surrounding areas.

A program of soil and rock sampling and prospecting was conducted during July of 1994.

## LOCATION AND ACCESS

The property is located approximately 85km east-southeast of Dease Lake on Map Sheet 104 I/7. Co-ordinates near the center of the group are 58° 17' N. latitude, 128° 32½' W. longitude.

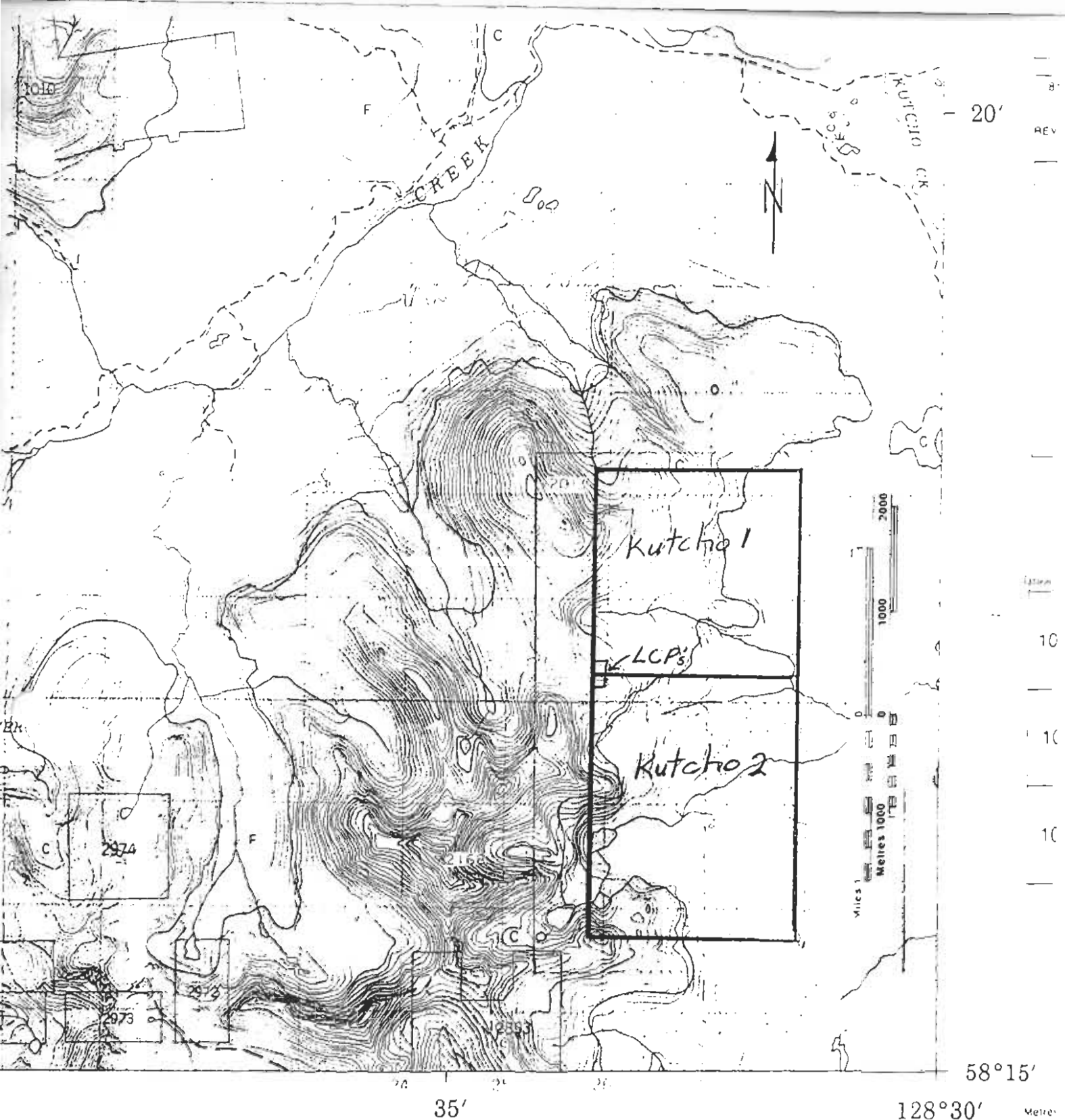
Dease Lake lies on the Stewart-Cassiar Highway. A tractor road runs from Dease Lake to Boulder City on the Turnagain River and various tractor roads extend south from here, although their condition is not known. A road following Kutcho Creek passes 2 km from the eastern boundary of the claims. The old Kutcho Creek airstrip (condition not known) lies 4 km southeast of the claims.

Access during the recent work was by helicopter from Dease Lake, a distance of 85 km.

## PHYSIOGRAPHY

The claims lie along the western side of the broad, northerly trending Kutcho Creek





**MAYFIELD ENGINEERING LTD**

*KUTCHO GROUP*

*Claim Map*

<p><b>SCALE</b> 1: 50,000</p>	<p><b>DATE</b> Feb/95 <b>NTS</b> Fig. 2</p>
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Valley. Slopes are generally moderate except along the southwestern and western boundaries which culminate in steep rocky peaks. Timberline lies at approximately 1500-1600 meters elevation. Elevations within the property vary from approximately 1400 meters in the east to 2100 meters along the western boundary. Drainage is east to Kutcho Creek.

Much of the claims area lies at or above timberline; patchy, thick balsam and willow are common at the lower elevations.

## HISTORY

Anomalous gold values from a regional stream sediment sampling program in 1984 led to staking of the area by Getty Canadian Metals Limited.

During 1985 geological and geochemical surveys were conducted over the Getty claims reporting significant gold values in both rock and soil samples. Anomalous silver, copper and arsenic values were also reported for several rock samples scattered throughout the property.

No record of follow-up work is reported in the assessment files.

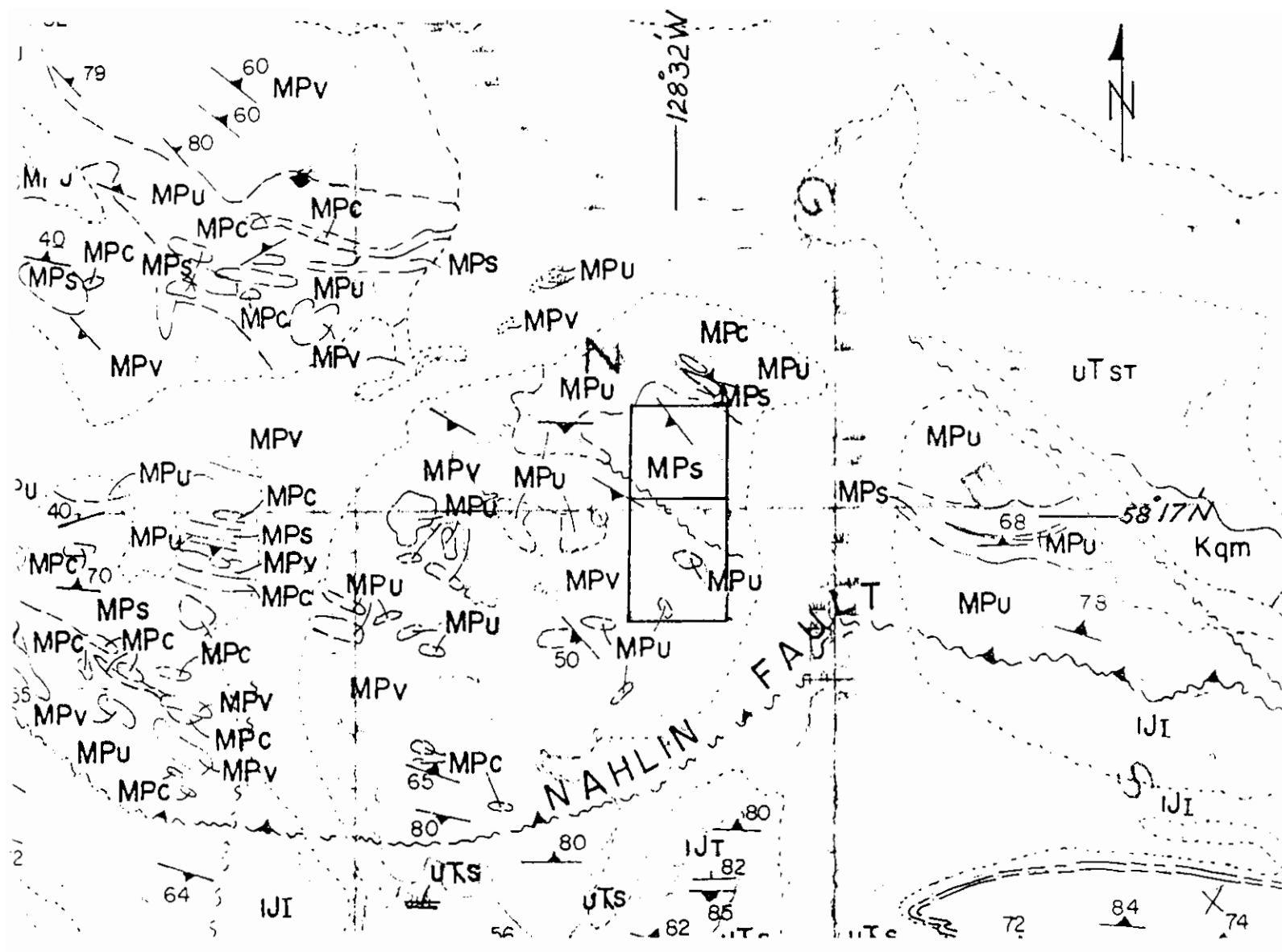
The Kutcho claims cover a portion of the ground held in 1985.

## GEOLOGY

### Regional

The claims are underlain by Mississippian to Permian rocks of the Cache Creek Group, which occupy a northwesterly trending belt bounded by the Nahlin Fault to the south and the Kutcho Fault to the north.

These consist of a series of metasedimentary, basic volcanic and serpentinized ultrabasic units.



MISSISSIPPIAN TO PERMIAN

**MP** CACHE CREEK GROUP: MPT, TESLIN FORMATION: limestone, Permian; MPS, chert, slate, argillite, minor basic volcanics; MPC, limestone; MPv, basic volcanics; MPg, coarse grained to pegmatitic gabbro; MPu, peridotite, dunite, pyroxenite, commonly cementitized

<b>MAYFIELD ENGINEERING LTD</b>	
KUTCHO GROUP REGIONAL GEOLOGY	
<i>From Gov't. Map Q.F. 610 Cry Lake, B.C.</i>	
SCALE 1:125,000	DATE Feb., 1995 NTS Fig 3

Placer gold has been recovered from a number of creeks tributary to the Turnagain River 25 km to the northwest within the same belt of Cache Creek Group rocks. The volcanogenic massive sulphide Kutcho Creek deposit occurs in upper Triassic Kutcho Formation rocks 12 km southeast of the Kutcho claims. Jade has been mined at a number of locations in the region, including a deposit immediately southeast of the property. The Letain Lake asbestos deposit lies approximately 10 km northwest of the Kutcho claims.

### Local Geology

Prospecting traverses were confined to the Kutcho 2 claim and the southwestern portion of the Kutcho 1.

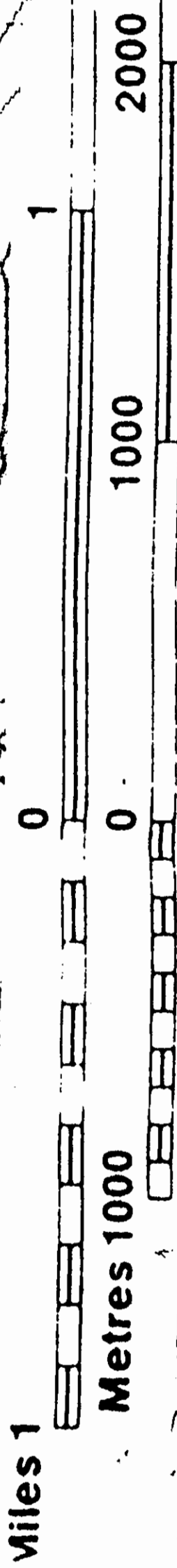
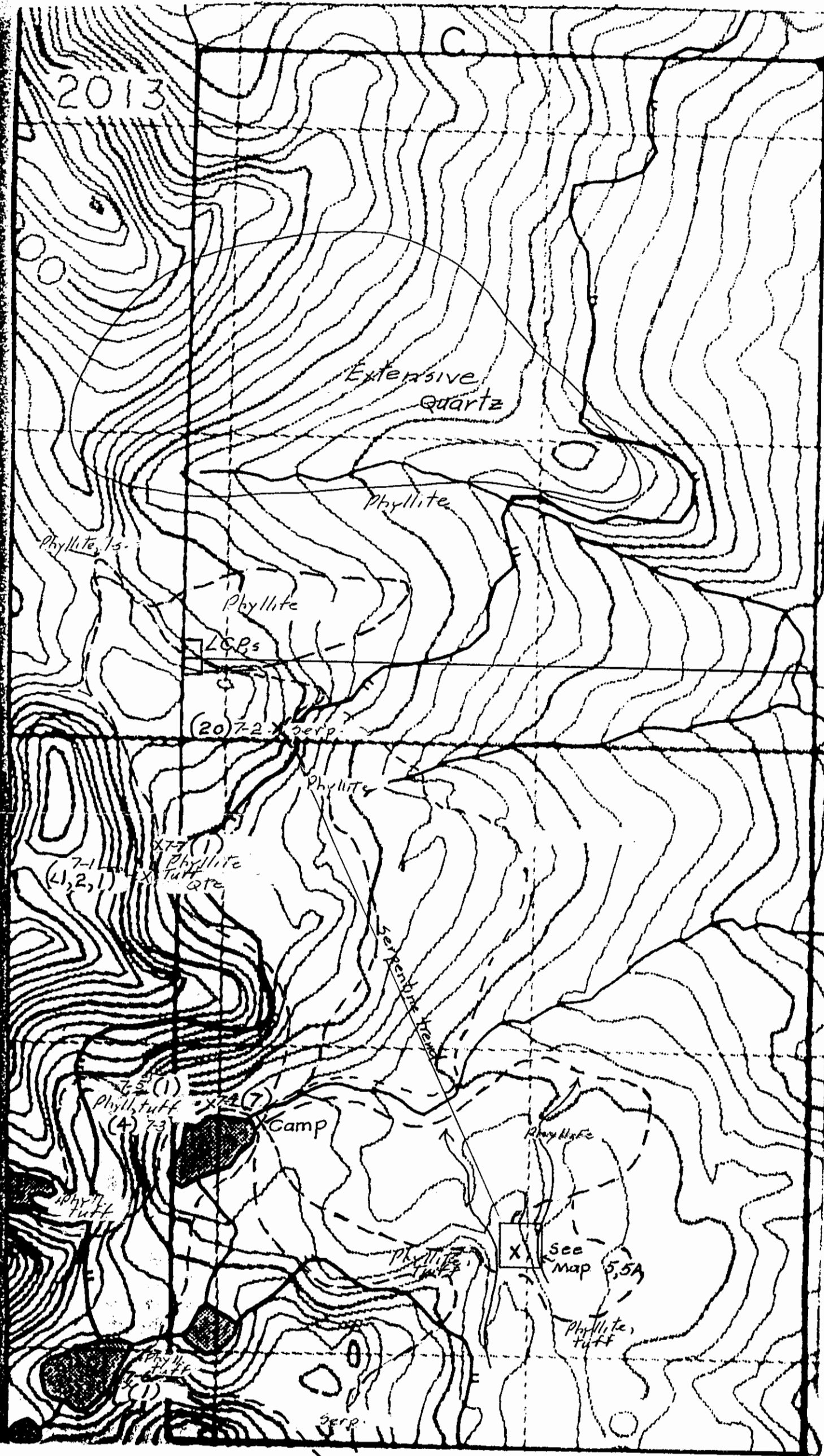
The predominant rock type throughout the area is grey fine grained, grey phyllite. Minor pyrite is common; quartz lenses and stringers are also common within the phyllites.

Lesser tuff and impure limestone bands are intercalated with the phyllites in the region, the former along the western boundary of the claims and in the south central portion, east of the gridded area. Minor pyrite is also common in the tuff. Chlorite and epidote are common alteration products.

Highly serpentized ultrabasic rocks are widespread in the area. These are extensive in the SW corner of Kutcho 2 and to the immediate southwest of the claim where extensive trenching has been carried out for jade. A series of ultrabasic bodies trend 330° from the gold bearing zone in the south central portion of Kutcho 2.

The ultrabasics, which weather red brown, dark green to apple green, are strongly serpentized and commonly sheared. Those in the southcentral area are commonly sheared,





MAYFIELD ENGINEERING LTD

KUTCHO GP

Base Map, Geology  
with Traverses

SCALE-meters | DATE Feb. 1995

LEGEND

Traverses ———

Sample Gold(ppb) X7-2 (7)



talcose and hematite stained; minor pyrite and quartz blebs and stringers are common in the shears.

### Mineralization

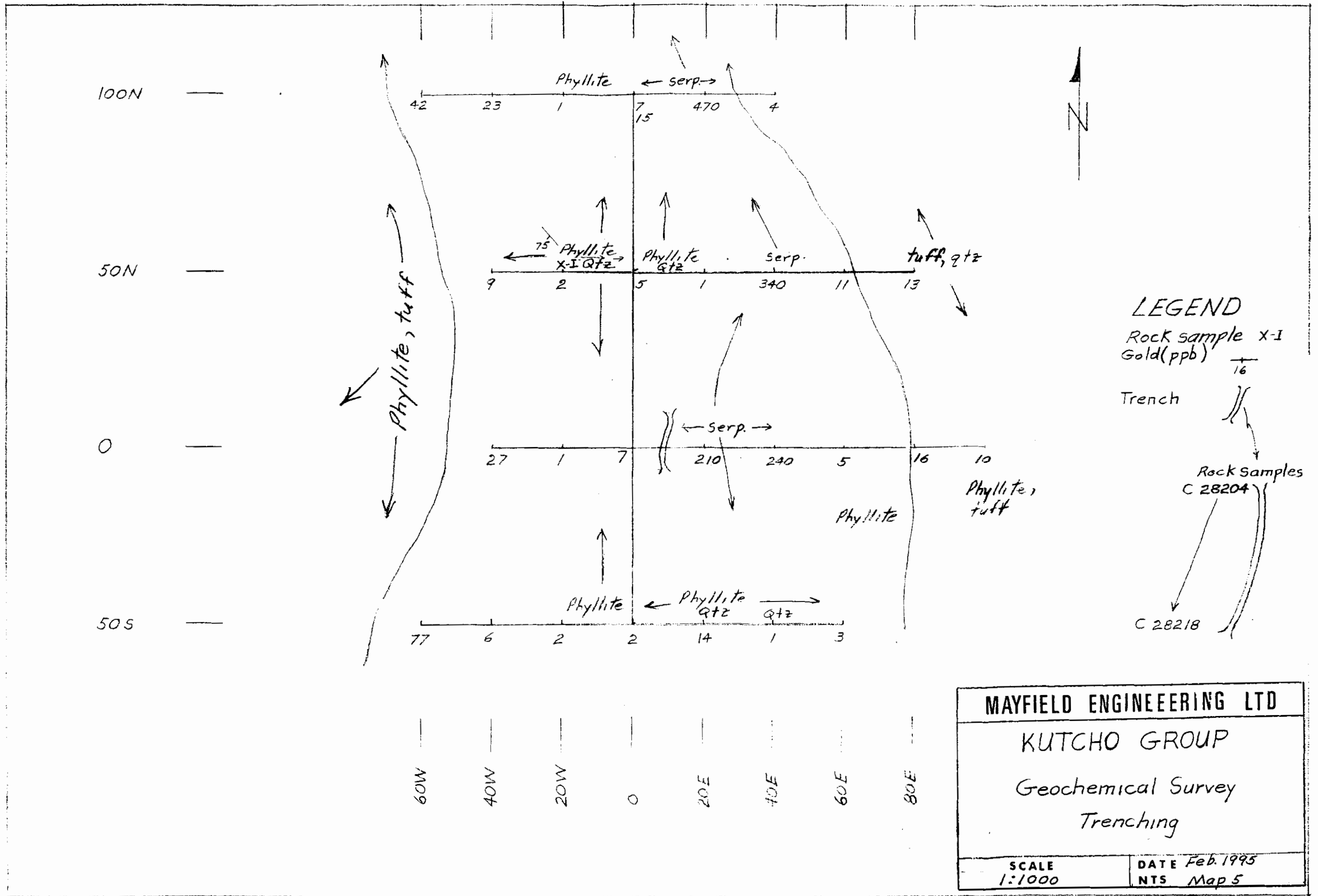
Fox reports a total of 30 quartz veins, varying from 20 cm to 8 meters in width, occurring in what would be the central portion of the Kutcho 1 claim. These were not investigated but extensive white quartz float is apparent. No significant gold values were reported from here but soil sampling returned 3 adjacent anomalous gold values at the southeast corner of a small, gridded area, plus scattered anomalous copper values to the north.

Several quartz stringers and veins, up to 1 meter in width, occur within the areas traversed although none of those sampled returned anomalous gold values. Outside of the main shear in serpentine described below, the only other rock sample slightly anomalous for gold was No. E 28227 at Pt. 7-2, taken across 2-1 metres of a rusty talcose shear in serpentine, which returned 20 ppb. gold.

Anomalous copper values occurred in two samples of tuff, one containing malachite staining on the north side of "Camp" Lake and the other with approximately 10% pyrite to the northwest of the lake.

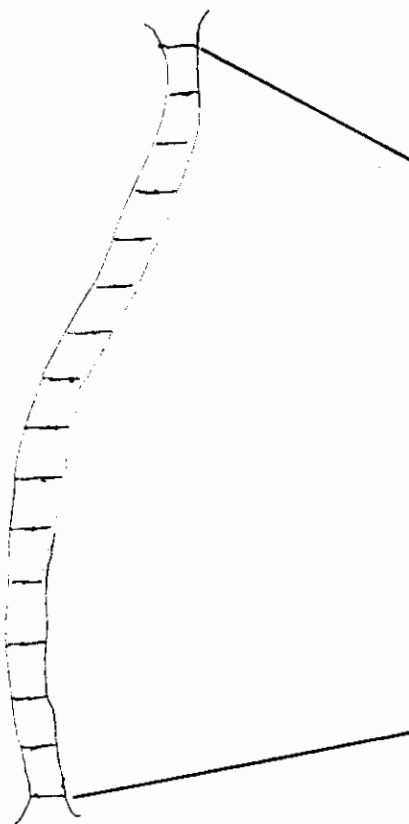
The main gold mineralization encountered occurs in a sheared, highly talcose serpentine in the south central portion of Kutcho 2. The Getty work reported a 4 meter section, within a 7 meter zone, returned gold values ranging from 1, 800 to 19,000 ppb gold (0.5m samples).

A total of 15 - 1 meter long continuous rock chip samples were taken from here following cleaning and extension of the trench. These returned values ranging from 5 to 1470

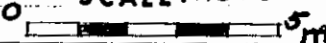


**MAYFIELD ENGINEERING LTD**  
**KUTCHO GROUP**  
 Geochemical Survey  
 Trenching

SCALE 1:1000      DATE Feb. 1995  
 NTS Map 5



Sample No.	Width (m)	Assay Au (ppb)
C28204	1	58
C28205	1	410
C28206	1	1470
C28207	1	480
C28208	1	1390
C28209	1	300
C28210	1	10
C28211	1	5
C28212	1	9
C28213	1	6
C28214	1	20
C28215	1	1360
C28216	1	1420
C28217	1	360
C28218	1	37

<b>MAYFIELD ENGINEERING LTD</b>	
<b>KUTCHO GROUP TRENCH (See Fig. 5)</b>	
SCALE: 1:1500 	DATE Feb, 1995 NTS Map 5A

ppb gold with 2 anomalous zones of 5 meters and 3 meters separated by 5 meters of 20 ppb or less. The northern zone averaged 810 ppb gold across 5 meters and corresponds to the zone mentioned earlier while the southern zone averaged 1, 047 ppb gold across 3 meters.

A series of serpentine bodies extend from here to beyond Pt 7-2, 1500 meters to the northwest.

A total of 26 rock samples were taken and analyzed for 30 element ICP and gold during the prospecting.

## GEOCHEMICAL SURVEY

### General

A small area was gridded around the aforementioned area where significant gold values occur in sheared serpentine on Kutcho 2.

Samples were taken at 20 meter intervals, on flagged lines spaced 50 meters apart off a north-south trending baseline.

Samples were taken with a mattock from the "B" horizon where possible, generally at 4-12 inches depth. These were placed in kraft bags, numbered and the stations marked with flagging.

Samples were sent to Acme Analytical Labs of Vancouver where they were dried, sieved and analyzed for 30 element ICP and gold. A total of 30 soil samples were analyzed.

### Results

The survey showed elevated gold values associated with the ultrabasic body, both immediately below the trench and for 100 meters to the north. Higher values of 340 ppb and 470 ppb gold occur to the north on lines 50N and 100N than in the vicinity of the trench where

significant gold values were obtained in rock samples.

As mentioned earlier a series of ultrabasic bodies extend for 1500 meters in a 330° direction to Pt 7-2 where a 2.1 meter sample returned 20 ppb gold.

Anomalous gold values also occur at the western end of 3 of the 4 lines sampled. These are all at the top of a break down to a small creek. No outcrop occurs in the area of the samples. Soil colour is quite distinct - grey to light brown - from the rest of the area sampled, indicating that serpentine (dark brown to red brown soil) is not underlying the area.

#### CONCLUSIONS AND RECOMMENDATIONS


Significant gold values, both in rock and soil samples, are associated with serpentinized ultrabasic rocks in the south-central portion of Kutcho 2. These ultrabasics extend for 1,500 meters to the northwest and likely further, and to the southeast.

The small soil sample grid should be extended in all directions with attention paid to the ultrabasic trend but also for other possible modes of gold mineralization indicated by the anomalous values along the western edge of the sampled area.

Soil sampling for gold should also be conducted in the central portion of Kutcho 1 where earlier testing returned anomalous gold values and where extensive quartz veining is present.

Detailed geological mapping should also be carried out in both areas.

Respectfully submitted,



R.H.D. Philp, P. Eng.

**STATEMENT OF COSTS****Personnel**

R. Philp - geologist	5 days property @ \$400	-	\$2,000.00
	3 days travel @ \$400	-	\$1,200.00
	2 days report @ \$400	-	\$800.00
Z. Philp - prospector	5 days property @ \$150	-	\$750.00
	3 days travel @ \$150	-	\$450.00
C. Philp - helper sampler	5 days property @ \$75	-	\$375.00
	3 days travel @ \$75.00	-	<u>\$225.00</u>
			\$5,800.00


**Disbursements:**

Pacific Western Helicopters			1,389.92
Meals & Accommodation			595.22
Groceries			358.52
Supplies			166.59
Photocopies, prints			24.46
Gas			128.61
Shipping			10.01
Truck Rental ½ (3700km @ 0.30)			555.00
Camp equipment rental			200.00
Acme Analytical Labs			772.48
			<u>840.18</u>
			\$5,040.09
		<b>TOTAL</b>	<b><u>\$10,840.09</u></b>

**CERTIFICATE OF QUALIFICATIONS**

I, Ronald H.D. Philp do hereby certify that:

- 1.0 I am a principal of Mayfield Engineering Ltd. located at Box 42010, 2200 Oak Bay Ave., Victoria, B.C., V8R 1G3
  
- 2.0 I am a graduate of the University of British Columbia, (B.A. Sc. 1961).
  
- 3.0 I am a registered Professional Engineer of the Province of British Columbia.
  
- 4.0 I have practiced my profession since 1961 while in the employ of various companies and as a self-employed consulting geologist.
  
- 5.0 This report is based on my personal field work on the Kutcho property and on extensive research of this region.
  
- 6.0 This report is prepared for British Columbia Ministry of Energy, Mines and Petroleum Resources assessment purposes only.

  
\_\_\_\_\_  
Ronald H.D. Philp, P. Eng.

February 26, 1995



## GEOCHEMICAL ANALYSIS CERTIFICATE

Mayfield Engineering Ltd. File # 94-2510 Page 1

P.O. Box 42010, 2200 Oak, Victoria BC V8R 1G3 Submitted by: Ron Philp

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 28201 Choa	4	8	<2	4	<.1	8	<.1	63	.39	4	<.5	<.2	<.2	2	<.2	3	<.2	3	<.01	.003	<.2	9	.02	27	<.01	3	.11	<.01	.09	3	15
C 28202 "	4	7	<.2	3	<.1	13	<.1	75	.48	2	<.5	<.2	<.2	5	<.2	3	<.2	3	.05	<.001	<.2	13	.01	11	<.01	2	.06	<.01	<.01	5	6
C 28203 "	7	39	7	42	<.1	68	10	579	1.32	21	<.5	<.2	<.2	36	.3	3	2	16	1.67	.038	6	15	.05	32	<.01	4	.18	.02	.10	1	5
C 28204 Kutcho	<.1	12	<.2	12	.1	1427	85	1169	3.02	122	<.5	<.2	<.2	4	<.2	<.2	<.2	39	.02	.004	<.2	2089	3.37	17	<.01	5	.79	<.01	<.01	<.1	58
C 28205 "	<.1	14	3	14	.3	1158	72	1161	2.96	81	<.5	<.2	<.2	3	<.2	<.2	2	36	.02	.005	<.2	1772	3.50	7	<.01	4	.87	<.01	<.01	<.1	410
C 28206	1	23	<.2	16	.5	917	63	643	2.79	112	<.5	<.2	<.2	1	<.2	<.2	<.2	39	.03	.006	<.2	1511	3.54	8	.02	4	1.11	<.01	.01	1	1470
C 28207	1	16	<.2	14	.5	578	45	351	2.25	123	<.5	<.2	<.2	2	<.2	<.2	<.2	27	.04	.006	<.2	1380	3.35	9	.03	5	.86	<.01	.01	1	480
C 28208	<.1	32	<.2	6	.7	225	19	167	2.01	88	<.5	<.2	<.2	<.1	<.2	<.2	2	22	<.01	.002	<.2	1374	1.80	6	<.01	2	.54	<.01	<.01	1	1390
C 28209	<.1	25	<.2	17	.3	2346	105	1009	4.27	216	<.5	<.2	<.2	3	<.2	<.2	<.2	39	.01	.003	<.2	1931	8.63	6	<.01	18	.65	<.01	<.01	<.1	300
C 28210	<.1	15	<.2	16	.1	2727	107	1113	4.47	266	<.5	<.2	<.2	7	<.2	<.2	<.2	31	.06	.002	<.2	1663	10.44	4	<.01	22	.50	<.01	<.01	<.1	10
C 28211	<.1	11	<.2	15	.1	2540	103	773	4.18	275	<.5	<.2	<.2	10	<.2	<.2	3	28	.11	.001	<.2	1694	11.30	3	<.01	20	.48	<.01	<.01	<.1	5
C 28212	<.1	15	<.2	18	.1	3124	117	940	4.87	350	<.5	<.2	<.2	6	<.2	<.2	<.2	30	.05	.002	<.2	1640	12.91	2	<.01	22	.55	<.01	<.01	<.1	9
C 28213	<.1	13	3	14	.1	2050	86	850	3.61	221	<.5	<.2	<.2	6	<.2	<.2	<.2	18	.05	.001	<.2	1262	8.52	2	<.01	17	.33	<.01	<.01	<.1	6
C 28214	<.1	19	<.2	22	.1	2406	97	373	3.57	153	<.5	<.2	<.2	4	<.2	<.2	<.2	32	.02	.001	<.2	1676	10.99	<.2	.01	19	.72	<.01	<.01	<.1	20
C 28215	<.1	27	<.2	32	.3	2216	89	607	4.03	109	<.5	<.2	<.2	209	<.2	<.2	<.2	77	1.48	.004	<.2	1375	15.13	3	.01	11	3.28	<.01	<.01	<.1	1360
C 28216	2	10	<.2	37	.4	1518	61	202	3.91	46	<.5	<.2	3	3	<.2	<.2	2	87	.03	.004	2	1039	15.86	3	.01	5	7.20	<.01	<.01	3	1420
C 28217	<.1	33	2	28	.1	2989	106	880	4.14	222	<.5	<.2	<.2	127	.2	<.2	<.2	42	1.09	.001	<.2	2023	13.28	3	<.01	16	1.15	<.01	<.01	<.1	360
C 28218	<.1	17	<.2	20	.1	2663	93	635	3.57	315	<.5	<.2	<.2	34	.2	<.2	<.2	28	.27	.001	<.2	1472	11.53	7	<.01	15	.70	<.01	<.01	1	37
RE C 28218	<.1	18	<.2	21	<.1	2596	92	629	3.61	314	<.5	<.2	<.2	33	.3	<.2	<.2	28	.26	.001	<.2	1484	11.34	7	<.01	15	.70	<.01	<.01	<.1	39
C 28219	5	11	3	11	<.1	32	2	88	.75	5	<.5	<.2	<.2	1	<.2	<.2	<.2	5	.02	.007	<.2	33	.23	23	.01	2	.21	.01	.06	<.1	4
C 28220	1	648	<.2	84	<.1	182	27	1001	2.94	<.2	<.5	<.2	<.2	6	.5	<.2	<.2	37	.44	.008	<.2	389	3.17	4	.12	<.2	2.72	<.01	<.01	1	4
C 28221	3	18	<.2	9	<.1	30	4	241	1.07	<.2	<.5	<.2	<.2	6	<.2	2	<.2	21	.25	.004	<.2	33	.51	10	.04	<.2	.51	.01	<.01	4	7
C 28222	2	193	<.2	40	<.1	44	10	571	3.65	<.2	<.5	<.2	<.2	13	.3	<.2	<.2	52	.57	.012	<.2	116	2.26	11	.17	<.2	2.31	.01	.01	<.1	1
C 28223	3	19	<.2	7	<.1	17	2	127	.64	<.2	<.5	<.2	<.2	1	<.2	2	2	7	.04	.001	<.2	18	.15	2	<.01	2	.16	<.01	<.01	3	1
C 28224	3	6	<.2	3	<.1	14	1	90	.51	<.2	<.5	<.2	<.2	57	<.2	2	4	5	1.02	.002	<.2	13	.19	7	<.01	<.2	.15	.01	<.01	3	<.1
C 28225	4	26	8	44	.2	42	5	397	1.11	<.2	<.5	<.2	<.2	16	<.2	2	2	10	.27	.011	6	25	.36	25	.05	<.2	.38	.02	.01	1	2
C 28226	1	20	<.2	36	.1	40	7	431	2.75	<.2	<.5	<.2	<.2	20	.2	<.2	<.2	49	.61	.021	<.2	65	1.87	4	.30	<.2	1.65	.03	.01	1	1
C 28227	<.1	1	<.2	16	<.1	391	40	637	1.59	23	<.5	<.2	<.2	131	.3	<.2	<.2	21	1.32	.003	<.2	1541	3.53	15	<.01	<.2	.80	<.01	<.01	<.1	20
C 28228	2	131	<.2	30	<.1	38	19	415	2.54	<.2	<.5	<.2	<.2	11	.2	<.2	<.2	40	.73	.022	<.2	32	1.78	2	.20	<.2	1.62	.02	<.01	1	1
549452 H Choa	2	10	2	21	<.1	9	3	616	1.02	<.2	<.5	<.2	<.2	10	<.2	<.2	<.2	10	.46	.011	2	9	.37	30	.03	2	.49	.01	.08	2	1
549453 H Choa	5	29	2	6	<.1	19	2	422	.56	<.2	<.5	<.2	<.2	2	<.2	<.2	<.2	2	.10	.001	<.2	19	.04	31	<.01	2	.05	<.01	.01	4	4
STANDARD C/AU-R	19	58	38	122	6.8	75	30	1039	3.96	41	21	7	36	48	16.8	15	24	62	.50	.091	40	54	.90	184	.08	33	1.88	.06	.14	12	520

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS &gt; 1%, AG &gt; 30 PPM &amp; AU &gt; 1000 PPB

- SAMPLE TYPE: P1 ROCK P2 TO P4 SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 10 1994

DATE REPORT MAILED: Aug 16/94

SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	%	ppm	ppb
KUTCHO S. 100N+60W	2	30	4	58	.2	63	9	405	4.17	13	<5	<2	<2	7	<.2	<2	<2	61	.17	.050	5	106	1.11	42	.19	2	1.57	<.01	.04	1	42	
KUTCHO S. 100N+40W	2	14	10	39	.3	22	4	202	3.32	3	<5	<2	<2	5	.2	<2	<2	77	.07	.043	11	83	.47	46	.31	2	1.61	.01	.05	1	23	
KUTCHO S. 100N+20W	23	32	17	68	.3	13	4	220	3.05	3	<5	<2	<2	26	<.2	<2	<2	63	.04	.075	12	34	.28	144	.13	2	1.16	.01	.21	<1	1	
KUTCHO S. 100N+0	1	14	3	95	.2	829	105	2384	6.74	421	<5	<2	<2	8	.8	<2	<2	95	.09	.106	6	1275	2.64	92	.08	2	.80	.01	.03	<1	7	
RE KUTCHO S. 100N+0	1	13	5	93	.2	845	108	2421	6.74	420	<5	<2	<2	8	.6	<2	<2	95	.09	.106	5	1298	2.69	90	.08	2	.78	.01	.03	<1	15	
KUTCHO S. 100N+20E	<1	27	2	66	.3	1652	168	2113	6.22	288	<5	<2	<2	12	1.0	<2	<2	50	.08	.040	4	1443	6.47	55	.02	10	1.05	<.01	.02	<1	470	
KUTCHO S. 100N+40E	3	67	5	78	1.2	613	33	1269	4.69	62	<5	<2	<2	76	.6	<2	<2	45	.68	.208	35	774	2.09	199	.03	4	2.67	.01	.08	<1	4	
KUTCHO S. 50N+20W	10	26	10	57	.5	22	4	334	11.75	5	<5	<2	3	3	.2	<2	<2	163	.02	.086	13	71	.20	32	.62	<2	1.29	.01	.03	<1	2	
KUTCHO S. 50N+0	5	14	15	37	.2	19	3	109	1.63	5	<5	<2	<2	8	<.2	<2	5	38	.10	.067	10	29	.17	70	.08	2	.87	.01	.09	1	5	
KUTCHO S. 50N+20E	2	8	8	48	.2	108	8	266	6.20	23	<5	<2	<2	6	<.2	<2	<2	66	.11	.055	13	371	.37	52	.37	<2	2.37	.02	.03	1	1	
KUTCHO S. 50N+40E	2	23	3	49	1.5	35	6	241	5.59	<2	<5	<2	3	4	<.2	<2	<2	53	.12	.074	10	69	.57	53	.23	<2	5.55	.01	.03	<1	9	
KUTCHO S. 50N+40E A	<1	37	2	12	.4	3726	159	2315	4.41	423	<5	<2	<2	40	<.2	<2	<2	27	.19	.005	2	1126	5.67	82	.01	16	.53	<.01	<.01	<1	340	
KUTCHO S. 50N+60E	2	248	6	68	1.4	283	28	2633	2.86	181	<5	<2	<2	245	.9	<2	<2	35	2.41	.154	46	204	.96	125	.04	7	2.66	.01	.06	<1	11	
KUTCHO S. 50N+80E	2	53	6	58	.1	101	15	612	3.75	15	<5	<2	<2	14	<.2	<2	<2	52	.32	.054	10	109	1.52	55	.19	2	2.04	<.01	.06	<1	13	
KUTCHO S. 0+40W	1	45	3	62	.2	796	45	765	4.01	13	<5	<2	<2	20	<.2	<2	<2	60	.35	.049	10	391	4.51	164	.18	10	1.63	.01	.09	<1	27	
KUTCHO S. 0+20W	2	72	<2	124	.1	70	26	657	7.16	29	<5	<2	<2	3	.2	<2	<2	245	.33	.077	7	63	3.10	29	.54	<2	4.23	<.01	.09	<1	1	
KUTCHO S. 0+00	<1	15	2	22	.3	3171	132	953	6.14	624	<5	<2	<2	10	<.2	<2	<2	33	.11	.023	6	1333	7.05	27	.06	15	.83	.01	.01	<1	7	
KUTCHO S. 0+20E	<1	26	3	24	.3	3939	182	1044	5.88	392	<5	<2	<2	6	<.2	<2	<2	45	.04	.014	3	1860	9.51	21	.03	16	1.02	<.01	<.01	<1	210	
KUTCHO S. 0+40E	<1	21	<2	21	.5	3485	174	1552	5.34	468	<5	<2	<2	9	<.2	<2	<2	43	.06	.011	2	1769	8.24	20	.01	13	.77	<.01	<.01	<1	240	
KUTCHO S. 0+60E	<1	16	<2	42	.3	1676	217	4113	9.28	515	<5	<2	<2	8	<.2	<2	<2	55	.07	.091	4	1537	3.94	112	.02	3	.89	<.01	.02	<1	5	
KUTCHO S. 0+80E	1	44	5	64	.2	380	29	744	4.35	42	<5	<2	<2	24	<.2	<2	<2	68	.38	.049	6	388	3.01	102	.16	6	1.92	.01	.06	<1	16	
KUTCHO S. 0+100E	1	42	6	68	.2	148	15	543	4.60	29	<5	<2	<2	11	<.2	<2	<2	77	.13	.037	8	150	1.31	119	.17	3	2.45	.01	.05	<1	10	
KUTCHO S. 50S+60W	1	60	5	81	.2	477	35	778	4.32	13	<5	<2	2	21	<.2	4	<2	60	.42	.071	12	297	3.16	110	.20	6	1.69	.01	.11	<1	77	
KUTCHO S. 50S+40W	2	20	11	64	.7	54	5	261	4.06	<2	<5	<2	<2	6	<.2	<2	<2	70	.06	.042	15	110	.58	65	.29	2	2.64	.01	.06	<1	6	
KUTCHO S. 50S+20W	4	12	6	105	.3	36	9	720	5.94	<2	<5	<2	4	5	<.2	<2	<2	51	.18	.061	27	32	.56	63	.34	<2	5.10	.04	.06	<1	2	
KUTCHO S. 50S+0	1	18	10	93	.4	50	8	6851	3.96	7	<5	<2	<2	35	1.8	<2	2	45	.31	.068	24	41	2.26	82	.10	2	3.09	<.01	.03	<1	2	
KUTCHO S. 50S+20E	<1	26	2	209	.5	286	52	2902	7.33	211	<5	<2	<2	51	.7	<2	<2	145	.86	.061	10	100	5.01	105	.25	<2	5.81	<.01	.24	<1	14	
KUTCHO S. 50S+40E	2	37	5	83	.3	83	11	495	5.35	15	<5	<2	2	11	<.2	<2	<2	63	.20	.059	15	97	1.44	60	.23	3	3.51	.01	.06	<1	1	
KUTCHO S. 50S+60E	1	20	6	109	.9	58	10	2535	4.86	7	<5	<2	<2	9	<.2	<2	<2	63	.21	.087	10	80	1.05	66	.16	<2	1.85	.01	.06	<1	3	
STANDARD C/AU-S	19	58	38	125	6.7	73	31	1052	3.96	43	14	7	36	48	17.5	14	17	60	.51	.092	40	55	.91	184	.08	33	1.88	.05	.14	10	53	

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

## Appendix 2

### Rock Sample Descriptions

<u>Location</u>	<u>Sample No.</u>	<u>Description</u>
Kutcho2 trench	28 204-28218	1 meter continuous chip samples in sheared serpentine starting at north end of trench.
50N, 20W	28 219	Grab - qtz stringers in phyllite.
7-3	28 220	Grab - tuff: Fe, stain, malachite.
7-4	28 221	Quartz float - Fe stain, mariposite
7-5	28 222	Tuff & phyllite pyrite, cp.
7-6	28 223	Quartz float fragments.
7-1	28 224	Quartz float.
7-1	28 225	Fe stained quartz float.
7-1	28226	Quartz with pyrite , hematite.
7-2	28227	2.1 meter chip sheared serpentine; talcose, hematitic.
7-7	28 228	Grab - tuff; qtz, epidote, pyrite, sericite.

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-GSC Map 29-1962-Geology, Cry Lake, B.C.; Scale: 1 inch = 4 miles

-Map O.F. 610 - Geology, Cry Lake, B.C.; Scale: 1:125,000

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