3002

GEOLOGICAL, GEOCHEMICAL & GEOPHYSICAL REPORT

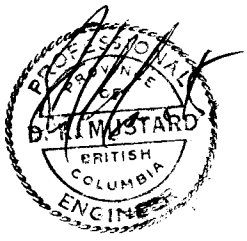
ISKUT SILVER MINES LTD.

LIARD MINING DIVISION

CERRO MINING COMPANY OF CANADA LTD.

Lat. 56° 40' Long. 131° 15'

N.T.S. 104 - B - 11



D.K. Mustard

and

M.D. Kierans

Vancouver Office

April 1971

CONTENTS

ILLUSTRATIONS

INTRODUCTION

During the period of May 12 - May 20/1970, a crew consisting of Mssrs. M.D. Kierans, P. Eng. Consulting Geologist; J. Currie, Field Supervisor; P. Midgley, Field Assistant and D. Nicoll, Field Assistant carried out exploration on the Iskut Silver Property on the Iskut River. The party was accompanied by R. Wesemann, Director of Iskut Silver Mines and was under the general supervision of D.K. Mustard, P. Eng.

Reconnaissance, geology, geochemistry and ground magnetic survey was carried out. During the period of August 30 to September 1/1970, additional geochemical sampling was carried out by P. Midgley and D. Nicoll.

Location and Access

The property is located on the north bank of the Iskut River approx. 26 miles upstream from its junction with the Stikine River (57° 131° N.E.) Topography is rugged with altitudes ranging from 300 feet to approx. 2000 feet. Coniferous forest with thick undergrowth is present.

Access may be gained by air from Stewart, some 75 miles to the southwest, or from numerous bush airstrips to the northeast (i.e. Dease Lake, Burrage Creek, etc.) During bad weather conditions, access is usually possible from Wrangell, Alaska, about 65 miles down the Iskut and Stikine Rivers. Except during low water periods when small fixed-wing aircraft can be landed on exposed gravel bars, helicopter transportation is essential. There are several helicopter landing spots along the river bank, but none at higher altitudes on the property.

Several tent frames are located at the west end of the property, and a small creek provides clean water. An old trail has been recleared between this campsite is located at the junction of the trail, creek, and Iskut River.

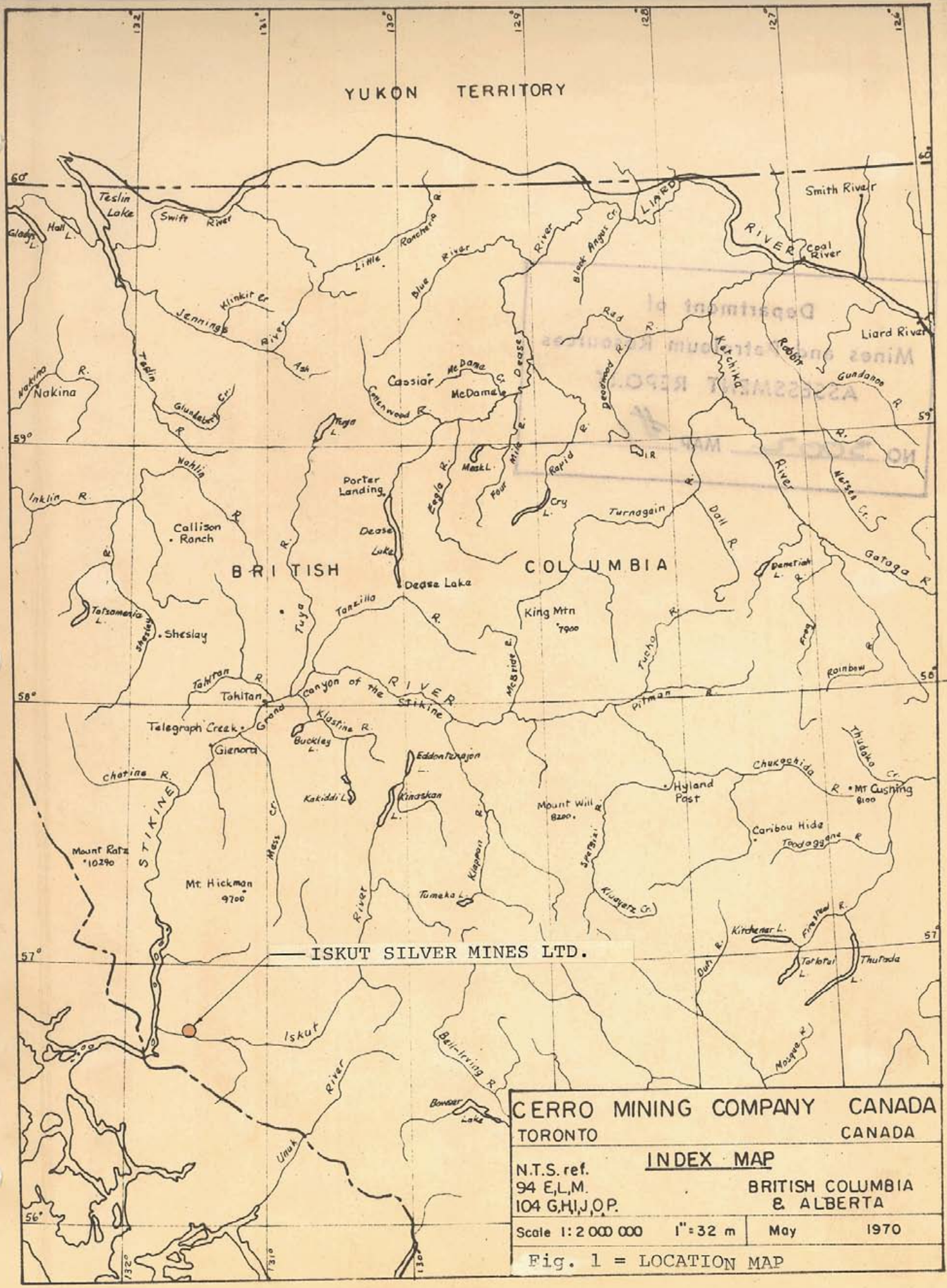
Communications

A portable single sideband transceiver was rented from Okanagan Helicopter Ltd., and good daily communications was possible between the property and Terrace on the helicopters company's assigned frequency.

Property

The property consists of 68 claims of the Grace and Ray groups as listed in Appendix II. Claim locations are illustrated in Figure 5A.

continued . . . 3



CERRO MINING COMPANY CANADA
TORONTO CANADA

INDEX MAP

N.T.S. ref.
94 E,L,M.
104 G,H,I,J,O,P.

BRITISH COLUMBIA & ALBERTA

Scale 1:2 000 000 1" = 32 m | May 1970

Fig. 1 = LOCATION MAP

Regional Geology

The property lies on the east flank of the Coast Range Crystalline Complex.

The lower Iskut River represents an E.W. transverse fault or lineament which cuts the northwest trending flank of the Coast Range Complex.

The oldest formations in the region are Paleozoic sediments and volcanic rocks which are capped in places by Permia limestones. The Paleozic rocks are generally overlain by Treassic, a younger volcanic rock. The Paleozoic and Mezozoic rocks are cut by a variety of intrusive rocks generally diorite to quartz monzonite in composition but including the stocks of undersaturated rocks in the general area of the property.

Hoodoo Mountain and lavas lying to the east are evidence of volcanic activity which has continued during the Cenozoic until recent times.

* Geological Mapping and Ground Magnetometer Survey

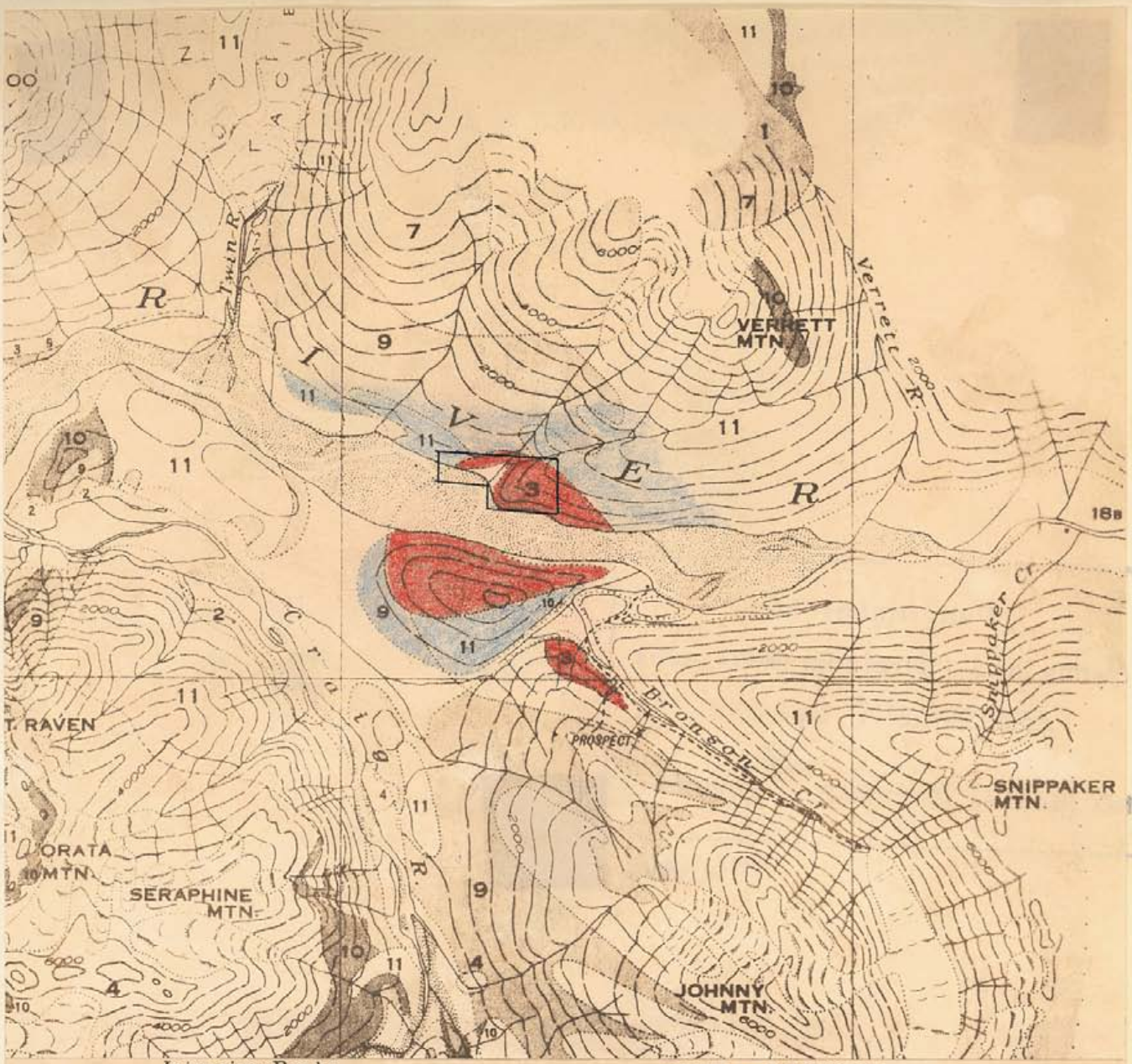
As the soil sampling traverses and the geological traverses showed (see Figure 6) there proved to be many more outcrops than originally indicated from information supplied by the owners. Overburden depth is also no excessive i.e. less than 30 feet over much of the property. The topography also proved to be controlled much more by underlying geological structures than by glacial action.

There is widespread pyrite mineralization carrying small amounts of copper (0.12%) which could account for many of the drainage and soil anomalies. The rocks found were mainly sedimentary types, i.e. argillite, shale, volcanic sediments and quartzites. A contact of fine grained syenite porphyry was mapped in the eastern end of the property. This rock contained fine grained pyrite, about 0.5% pyrite content. No copper minerals were seen in the syenite. However, it is considered an important rock type. In general most outcrop were massive and devoid of structural attitudes (e.g. bedding.) A few steep dipping attitudes were found but gave no useful structural pattern. It is possible a syncline with axis near the center of the claims may exist as postulated by R. Wesemann (President of Iskut Silver Mines Limited.)

We found a previously unknown outcrop of volcanic sediments near the western edge of the property in a stream bank. This showed weak copper strain. A grab sample which represented the best material I could find ran 0.16% Cu. The copper stain is found over a length of about 30'. To the north of the copper outcrop there are unmineralize shaley sediments.

We searched for the reported skarn type copper-magnetite mineralization at the west end of the property. It was not found. However, there is little possibility of a zone of extensive mineralization here.

continued . . . 4



Intrusive Rocks

TRIASSIC TO CRETACEOUS

7 — Biotite-andesine granodiorite and some quartz monzonite

4 — Hornblende-andesine granodiorite, rare quartz diorite, diorite and quartz monzonite

3 — Orthoclase porphyry, pulaskite, nordmarkite, nepheline syenite, syenite and, locally, pyroxenite

2 — Diorite

1 — Not subdivided quartz monzonite, granodiorite, quartz diorite, diorite

Geological boundary

RECENT AND PLEISTOCENE

Clay, silt, sand, gravel, boulders

18 — 18A, HOODOO VOLCANICS: trachyte, ash, pisolitic mud, tuff, breccia, agglomerate, and consolidated drift and alluvium. 18B, olivine basalt.

TRIASSIC

11 — Andesite, keratophyre, basalt, tuff, breccia, agglomerate, conglomerate and greywacke; minor amounts of argillite, quartzite, shale and limestone; many small stocks, necks, sills and dykes of rock types mainly allied to the effusives

PERMIAN

10 — Mainly white limestone; minor amounts of chert, quartzite, argillite, slate and schist

PRE-PERMIAN

9 — Quartzite, schist, slate, argillite, limestone; schistose tuff; highly altered extrusives, and/or, intrusives; 9A, highly crystalline schist, gneiss

Fig. 2 REGIONAL GEOLOGY

"The rocks are well exposed in the stream beds and they were barren black massive argillites. Because of the very rugged topography and limited time available, it was not possible to run a magnetometer traverse across the reported magnetometer anomaly. We did run a line across the western extension of the magnetometer high and it is concluded (see fig. 6 and 7) that the Wesemann magnetometer traverse work was well done as we did locate a positive anomaly.

In general it seems clear that the most interesting possibilities for the property are to the north and east in the volcanic (andesite composition, sediments and andesite). The G.S.C. Memoir 246 map shows a change from predominantly sedimentary rocks to volcanic rocks in the above directions.

The porphyritic syenite intrusive stock (which is a rock that elsewhere in the general area i.e. Galore Creek, is related to copper mineralization) also lies at the east end of the property. Its northern limits are not known. Obviously more prospecting and mapping should be done in the open ground to the N.E. of Iskut's claims.

I looked briefly at three high grade showings on the property, accompanied by Wesemann. I did not spend more time on them than that. They are well described by W.G. Jeffrey of B.C. Department of Mines (See Appendix A). They are of no economic interest to Cerro as they are narrow (less than 2') and of only intermediate grade and certainly of limited extent.

*-excerpts from report by M.D. Kierans
P. Eng.

Geochemical Sampling

The property was visited twice during the 1970 field season. In May a total of 176 soil, silt and rock chip samples were collected. Fifty one more samples were taken during the second visit to the property late in August.

Standard sampling procedure was used during both visits. Sample were placed in 3½ inch by 6½ inch wet strength kraft paper bags and were shipped by air to Vancouver Geochemical Laboratories Ltd. for analysis. Soil samples were generally representative of an iron enriched B horizon and were obtained with a grub-hoe at depths in the order of 6 to 12 inches. Silt samples were taken from both wet and dry drainage channels using a large serving spoon. Rock chip samples of representative outcrops included small chips of relatively unweathered rock removed at random over a few feet of the exposures.

The samples were analyzed for Cu, Zn, pH and some for Mo. Techtron Model AA4 and AA5 Atomic Absorption Spectrophotometers were used for detection after acid extraction using $HClO_4$ and MNO_3 and dilution with demineralized water. Sample preparations were filed and rejects were discarded. Sample analytical results are shown in Appendix III.

continued . . . 5

NOTE: MAGNETOMETER GEOTRONICS FLUXGATE TYPE PROFILES UNCORRECTED TO BASE READINGS

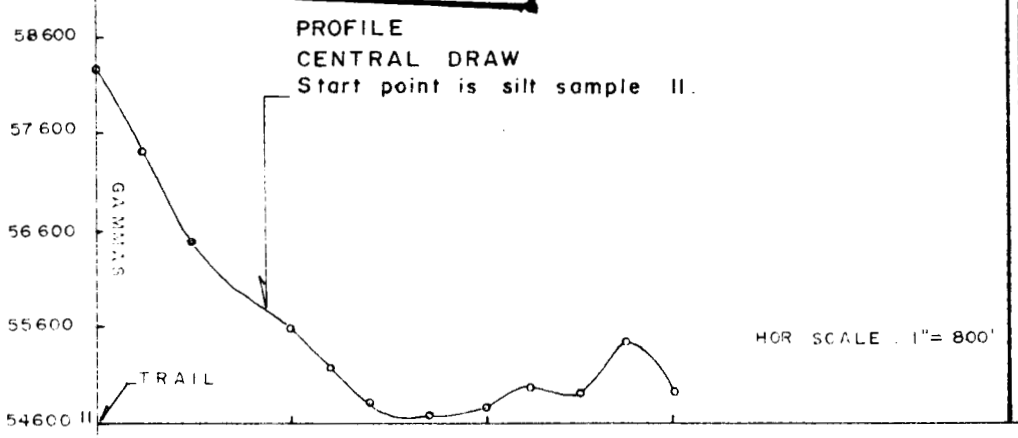
MAGNETOMETER PROFILES

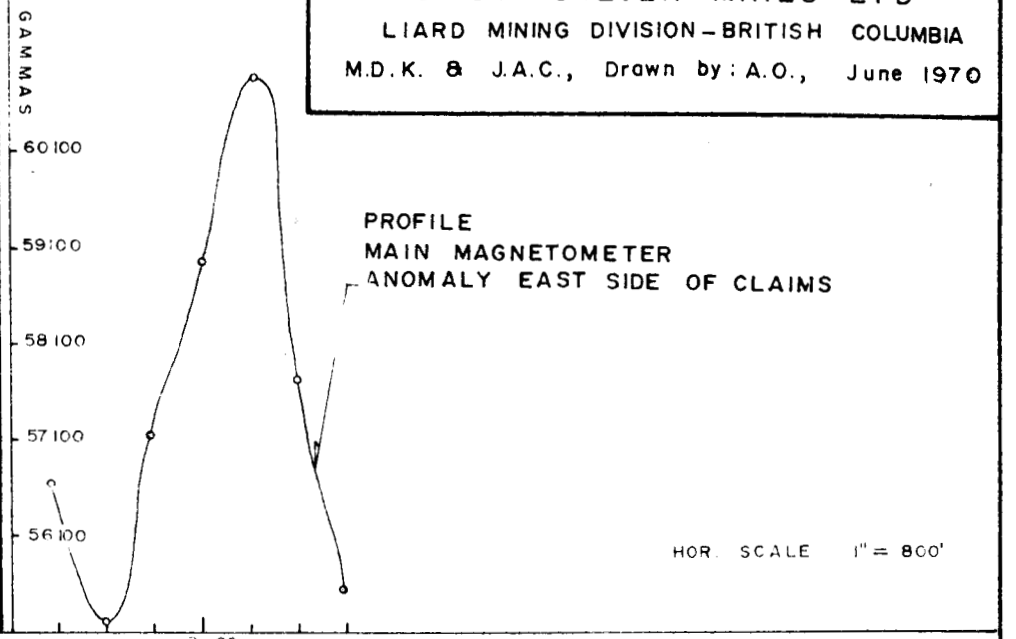
ISKUT RIVER CLAIMS

ISKUT SILVER MINES LTD

LIARD MINING DIVISION - BRITISH COLUMBIA

M.D.K. & J.A.C., Drawn by: A.O., June 1970





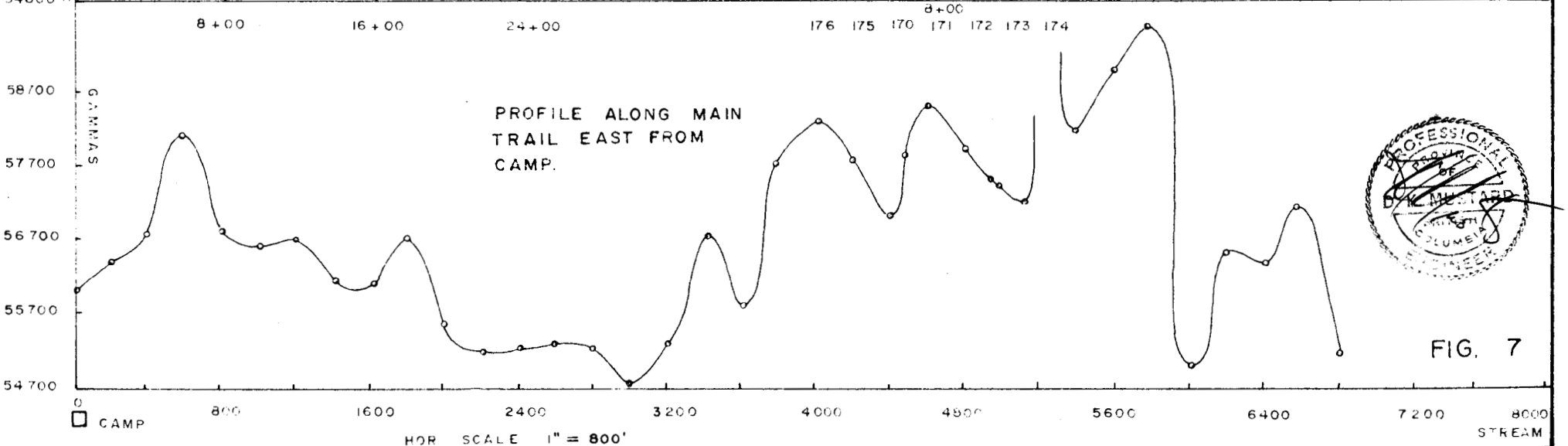


FIG. 7

Sample locations and analytical results were plotted on two maps. A Geochemical Map (figure 5) plotted at 200 feet to the inch and later reduced to 400 feet to the inch shows the Mag sampling as well as sampling by Iskut Silver Mines Ltd. in 1965 and 1966. The August sample sites and analytical results along with all but five of the Mag samples were plotted on a second map at 750 feet to the inch. (figure 5A)

Background values and orders of anomalies were established after plotting geochemical values versus cumulated frequency histograms on semi-log paper. This study as summarized in Appendix IV, yield the following breakdown:

Background	0-60	0-250	0-7
Third Order Anomaly	61-150	-	-
Second Order Anomaly	151-300	251-600	8-14
First Order Anomaly	more than 300	more than 600	more than 14

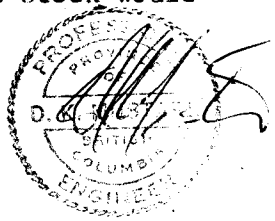
* The following conclusions were drawn by M.D. Kierans, Consulting Geologist, subsequent to the May visit to the property.

"(1) There is no significant large area of copper soil highs.
(2) Zinc results are all low except for a few highs near the west side of the area mapped.
(3) There are 5 areas shown on the geochemical map as areas A,B,C,D, & E, which should be closely prospected and soil sampled in detail for for narrow high grade type deposits similar to the lead-zinc veins which have already been found on the property. It should be noted that the lead-zinc showings did have some copper content. This work should be done by Iskut Silver Mines Limited.

The soil and drainage anomalies located by Iskut and Cerro can also be related to widespread very low grade copper content in pyritic sediments dispersed in soil of high acidity. This type of rock was observed in very widely scattered outcrops. A very good crossection of the rocks of the property is exposed along the North Bank of the Iskut River. Here a section at least 1000' long shows consistent pyritic content. The outcrop with the highest observed pyrite content (i.e. 10%) ran 0.02% Cu."

* excerpt from report by M.D. Kierans P. Eng.

During the period Aug 30 - September 1, fifty one geochemical samples (soil, silt and rock chip) were collected on two traverses of the Joanne Claims (see Fig. 5A) These were collected and analysed and treated as described previously. Generally the order of value for Molybdenum was higher in this area which is adjacent to and at the fringes of the stock. Considering the distribution of zinc, copper and molybdenum, at mineral zoning centred on the east of the property, adjacent to the stock would probably be justified.



APPENDIX I

List of Personnel

Mustard, D.K., P. Eng., Division Geologist
1430 9th Street, West Vancouver

Kierans, M.D., P. Eng., Consulting Geologist
Denman Place, Vancouver

Currie, Jack, Field Supervisor
30th Avenue, Vernon

Midgley, P.T., Field Assistant
109 - 2425 York, Vancouver

Nicoll, D.G., Field Assistant
109 - 2425 York, Vancouver

Time and Cost Distribution

May 1970

M.D. Kierans		
9 days @ $150 - field		$ 1,350.00
2 days @ $150 - report preparation		300.00
J. Currie		
9 days @ $40		360.00
P.T. Midgley		
9 days @ $20		180.00
D.G. Nicoll		
9 days @ $20		180.00
		$ 2,370.00
Field Camp Maintenance		
4 men x 9 days x $12/day		432.00
Equipment Rental		
Magnetometer		210.00
Geochemical and Assay Analysis		427.20
Drafting and Reproduction		150.00
Transportation		
Okanagan Helicopters		3,900.30
	Total	$7,489.50

Time and Cost Distribution

August 1970

D.G. Nicoll	
5 days @ $20	$100.00
P.T. Midgley	
5 days @ $20	$100.00
	$200.00
Field Camp Maintenance	
2 men x 5 days x $12/day	$120.00
Geochemical Analysis	125.25
Drafting and Reproduction	158.30
Transportation	
Frontier Helicopters	1,800.00
	$2,403.55

APPENDIX II

APPENDIX II

Iskut Silver Mines Ltd. Claims

RAY GROUP	RECORD NO.
#1	15899
#2	15900
#3	15901
#4	15902
#5	15903
#6	15904

GRACE GROUP	
#1	43064
#2	43065
#3	43066
#4	43067
#5	43068
#6	43069
#7	43070
#8	43071
#9	43072
#10	43073
#11	43074
#12	43075
#13	43076
#14	43077
#15	43078
#16	43079
#17	43080
#18	43081
#19	43082
#20	43083
#21	43084
#22	43085
#23	43086
#24	43087
#25	48701
#27	48702
#29	48703
#30	48704
#31	48705
#32	48706
#33	48707
#34	48708
#37	48709
#38	48710
#39	48711
#40	48712
#41	48713
#42	48714

GRACE GROUP	RECORD NO.
#43	43088
#44	43089
#45	43090
#46	43091
#47	43092
#48	43093
#49	43094
#50	43095
#51	48715
#52	48716
#53	48717
#54	48718
#55	48719
#56	48720
#57	48721
#58	48722
#59	48723
#60	48724
#61	48725
#62	48726
#63	48727
#64	48728

JOANN GROUP	
#1	19567
#3	19569

**Free Miner's Certificate No. 89504

APPENDIX III

Geochemical Analysis Results

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

COMPANY Cerro Mining Co. of Canada REPORT No. 70-30-001 PAGE 1 OF 5

MARKING	Mo	Cu	Zn	pH
020, 0001 L	2	75	73	6.25
020, 0002	3	68	64	6.95
020, 006	14	75	120	6.40
11	23	375	245	6.65
13	5	830	156	6.05
27	17	580	790	6.25
55	14	1600	150	6.00
80	9	580	230	6.85
92	12	500	225	6.85
123	26	440	610	6.30
25	13	460	245	6.60
27	8	150	370	6.75
30	13	470	305	6.80
39	3	40	740	6.95
74	4	160	88	6.85
020, 176 L	3	72	60	6.00
020, 0016 T	13	114	50	
25	nd	39	20	
43	1	830	45	
020, 0051 T	1	195	34	

MARKING	Mo	Cu	Zn	pH
020, 058 T	1	58	32	
64	43	750	105	
65	55	133	18	
95	3	165	54	
105	350	780	145	
08	18	108	1080	
12	4	80	1800	
31	2	68	103	
48	2	65	2640	
020, 154 T	1	35	100	
020, 0003 S		72	95	4.95
04		40	43	5.05
5		1080	26	4.90
7		43	31	5.20
8		18	26	4.85
9		20	32	5.15
10		47	108	6.50
12		1020	130	6.10
020, 014 S		18	48	5.05

REMARKS

All values are reported in parts per million unless specified otherwise. All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

COMPANY Cerro Mining Co. of Canada REPORT No. 70-30-001 PAGE 2 OF 5

MARKING	Mo	Cu	Zn	pH
020, 015 S		22	63	5.40
17		36	28	4.85
18		195	84	4.25
19		37	58	4.90
20		13	42	5.10
21		20	26	5.20
22		55	110	5.80
23		26	155	5.30
24		17	220	5.65
26		20	50	4.35
28		30	58	4.85
29		34	29	5.25
30		55	218	5.10
31		24	155	5.05
32		42	180	5.75
33		43	200	5.25
34		29	111	5.30
35		31	320	5.40
36		17	45	5.45
020, 037 S		15	45	5.15

MARKING	Mo	Cu	Zn	pH
020, 038 S		5	15	4.95
39		25	65	5.20
40		34	210	5.85
41		363	103	5.40
42		275	73	5.35
44		470	58	5.25
45		200	80	5.35
46		26	35	5.10
47		720	55	5.10
48		102	210	5.25
49		37	93	5.00
50		23	68	5.40
52		23	180	5.35
53		305	155	5.35
54		190	110	5.50
56		63	78	5.20
57		97	60	5.40
59		60	50	5.20
020, 060 S		5530	85	6.10

REMARKS

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

COMPANY Cerro Mining Co. of Canada REPORT No. 70-30-001 PAGE 3 OF 5

MARKING	Mo	Cu	Zn	pH
020, 061 S		2700	275	6.10
62		1130	82	4.95
63		415	42	5.70
66		120	10	4.95
67		810	40	5.60
68		355	38	5.65
69		465	150	5.70
70		180	73	5.45
71		260	83	5.35
72		73	33	5.40
73		175	58	5.35
74		148	44	5.25
75		180	60	5.35
76		310	104	5.60
77		600	205	5.65
78		68	125	5.55
79		30	150	5.80
81		67	93	5.60
82		21	35	5.40
020, 083 S		68	150	5.60

MARKING	Mo	Cu	Zn	pH
020, 084 S		310	150	5.50
85		50	110	5.85
86		53	75	5.40
87		11	18	5.45
88		15	35	5.25
89		20	44	5.15
90		19	44	5.15
91		27	45	5.15
93		122	100	5.55
94		455	120	5.55
96		14	82	5.35
97		52	110	5.30
98		275	112	5.10
99		13	67	5.40
100		28	55	5.40
01		300	57	5.30
2		30	68	5.25
3		46	50	5.40
020, 104 S		65	50	5.45

REMARKS

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

COMPANY Cerro Mining Co. of Canada REPORT No. 70-30-001 PAGE 4 OF 5

MARKING	Mo	Cu	Zn	pH
020, 106 S		23	65	5.75
7		37	1520	5.45
9		52	900	5.70
10		55	470	7.65
11		87	760	6.60
13		60	490	5.50
14		372	168	5.90
15		47	105	5.90
16		27	150	5.70
17		22	85	6.20
18		33	55	6.30
19		32	150	5.55
20		85	122	5.65
21		163	155	5.45
22		172	157	5.55
24		180	425	6.05
26		30	135	6.65
28		37	134	5.35
29		175	166	5.50
020, 132 S		360	136	5.25

MARKING	Mo	Cu	Zn	pH
020, 133 S		337	124	5.45
34		74	114	5.35
35		15	180	5.70
36		26	153	5.60
37		150	4200	5.50
38		10	90	5.70
40		17	165	5.80
41		47	150	5.75
42		23	180	5.60
43		27	630	5.35
44		27	82	5.60
45		31	114	5.20
46		30	164	5.60
47		233	1500	5.75
49		15	30	4.80
50		7	10	5.05
51		28	64	5.75
52		30	180	5.80
020, 153 S		27	175	5.80

REMARKS

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Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

COMPANY Cerro Mining Co. of Canada REPORT No. 70-30-001 PAGE 5 OF 5

MARKING	Mo	Cu	Zn	pH
020,0155 S		10	33	5.10
56		5	20	4.95
57		75	105	5.70
58		75	150	5.70
59		30	100	5.40
60		27	130	5.40
61		25	133	5.50
020,0162 S		50	90	5.45
020, 163 S		30	1120	6.30
020,0164 S		19	192	5.10
65		123	1340	6.00
66		147	1740	6.30
67		102	1500	6.40
68		153	3600	6.50
020,0169 S		196	5500	6.40
020, 170 S		92	72	6.00
71		168	114	5.90
72		150	103	6.05
73		140	95	5.85
020, 175 S		154	106	6.10

MARKING				

REMARKS

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Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

70-30-015

COMPANY Cerro Mining Co. Of Canada REPORT No. PAGE 1 OF 2

MARKING	Mo	Cu	pH	
40-020 - S - 180	1	38	7.7	
81	2	46	7.8	
82	2	38	7.9	
84	27	95	5.4	
86	60	37	5.7	
87	6	13	4.5	
89	3	76	5.6	
90	4	97	6.2	
91	1	54	5.7	
92	4	89	5.5	
93	6	94	5.3	
94	4	111	6.6	
95	nd	46	7.2	
96	4	120	7.2	
97	20	79	5.4	
98	29	132	5.6	
99	52	17	5.4	
200	12	3480	6.4	
1	470	212	4.9	
40-020 - S - 204	61	387	5.3	

MARKING	Mo	Cu	pH	
40-020 - S - 206	10	13	4.7	
08	43	200	6.7	
11	36	183	5.1	
12	12	18	5.6	
14	12	17	5.3	
15	37	56	6.7	
17	3	9	4.5	
18	102	46	6.1	
19	7	5	4.3	
20	27	16	5.0	
21	45	21	5.6	
23	26	22	5.2	
25	9	149	6.1	
26	4	118	6.3	
27	5	161	6.6	
28	5	202	6.5	
29	5	142	5.3	
40-020 - S - 230	5	203	5.9	
40-020 - L - 188	5	102	6.5	

REMARKS

All values are reported in parts per million unless specified otherwise. All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

70-30-015

COMPANY Cerro Mining Co. Of Canada REPORT No. PAGE 2 OF 2

MARKING	Mo	Cu	pH	Remarks
40-020 - L - 202	5	120	6.9	Silt
3	2	46	6.9	
7	14	242	7.3	
209	9	108	7.7	
- L - 224	9	172	7.7	Silt
- T - 183	10	27		Rock
185	21	21		
205	21	37		
10	84	5900		
13	4	55		
216	8	41		
40-020 - T - 222	2	7		Rock

MARKING				

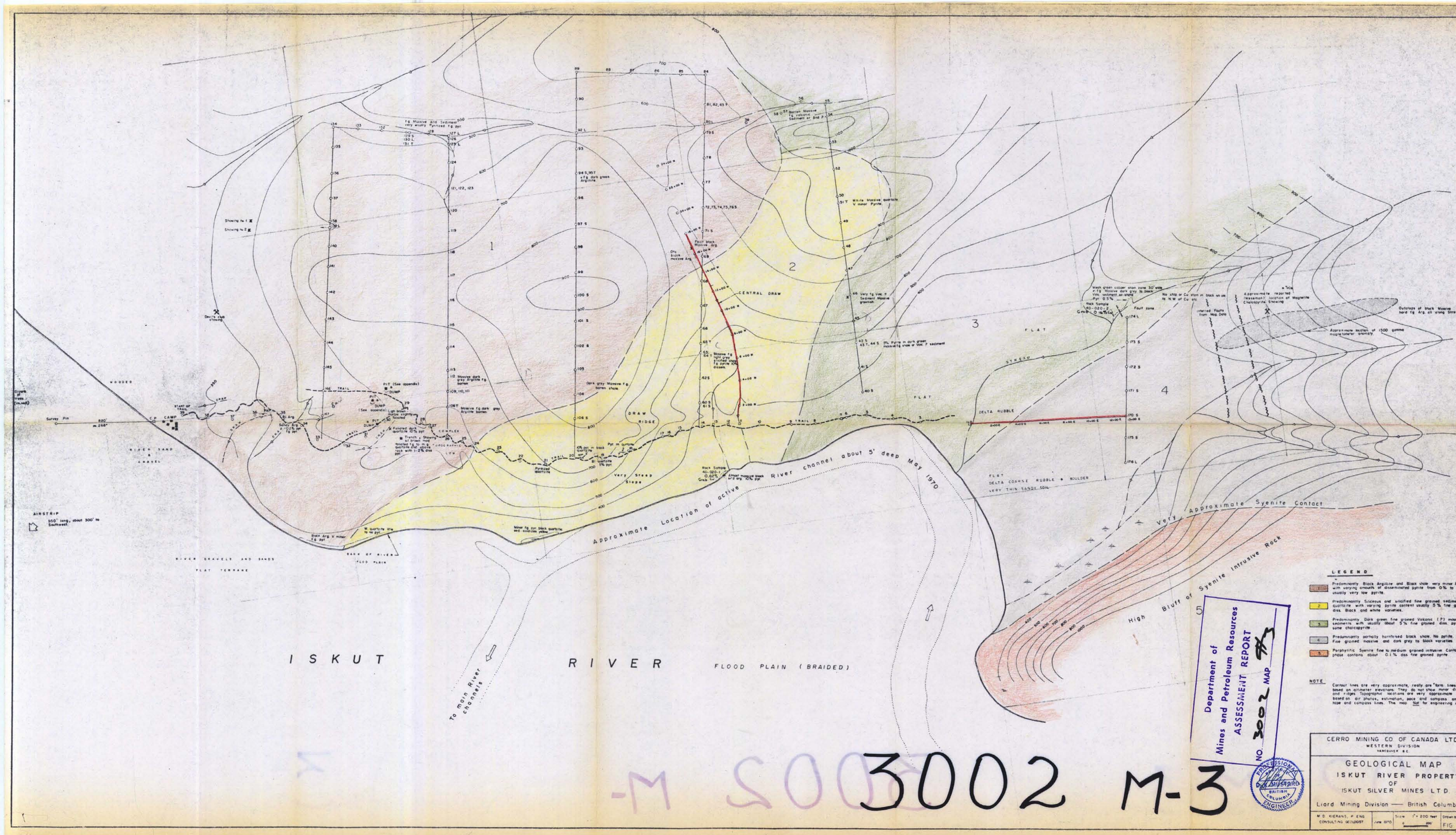
REMARKS

APPENDIX IV

Geochemical Frequency Distribution

No. of Samples Copper	RAnge in p.p.m.	No. of Samples Zinc
19	0-20	3
36	21-40	11
15	41-60	21
7	61-80	13
4	81-100	13
2	101-120	16
3	121-140	7
4	141-160	10
6	161-180	8
3	181-200	1
1	201-250	5
3	251-300	1
4	301-350	1
3	351-400	-
2	401-450	1
-	451-500	1
2	501-750	1
1	751-1000	1
4	more than 1000	5

No. of Samples Molybdenum	Range in p.p.m.
6	1-2
11	3-4
9	5-6
2	7-8
5	9-10
4	11-12
5	13-14
-	15-16
1	17-18
1	19-20
-	21-22
1	23-24
2	25-26
2	27-28
1	29-30
2	31-40
2	41-50
2	51-60
3	more than 60



LEGEND

1. Predominantly Black Argillite and Black shale very minor limestone with varying amounts of disseminated pyrite from 0% to 5% usually very low pyrite.
2. Predominantly Siliceous and silicified fine grained sediments. Quartzite with varying pyrite content usually 5 % fine grained diss. Black and white varieties.
3. Predominantly Dark green fine grained Volcanic (?) massive sediments with usually about 5 % fine grained diss. pyr some chalcopyrite
4. Predominantly partially hornfelsed black shale. No pyrite. Fine grained massive and dark grey to black varieties
5. Porphyritic Syenite fine to medium grained intrusive Contact phase contains about 0.1 % diss fine grained pyrite

NOTE

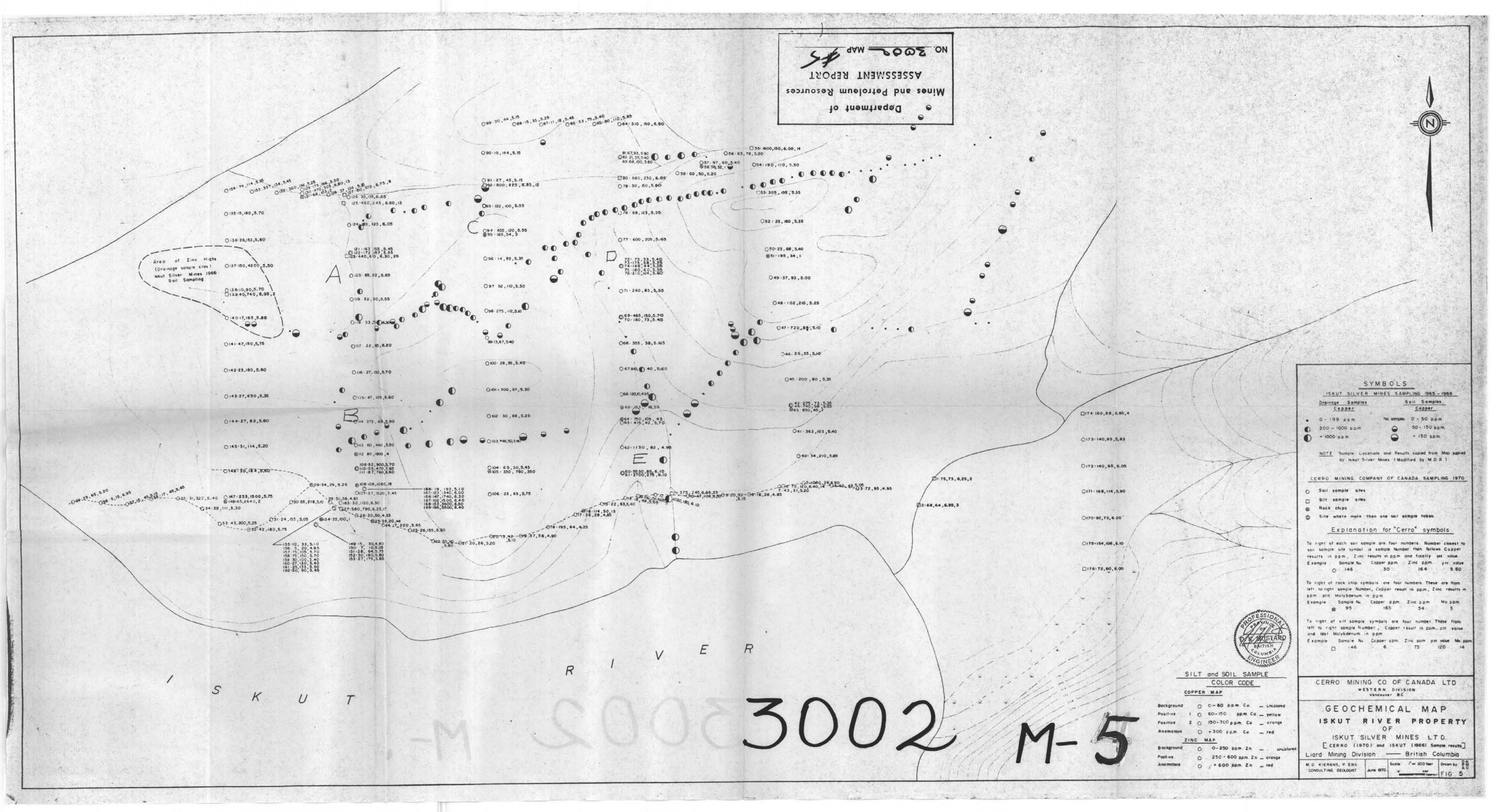
Contour lines are very approximate, really are "form lines" based on airmeter elevations. They do not show minor draws and ridges. Topographic locations are very approximate based on air photos, estimation, pace and compass and hope and compass lines. The map Not for engineering use

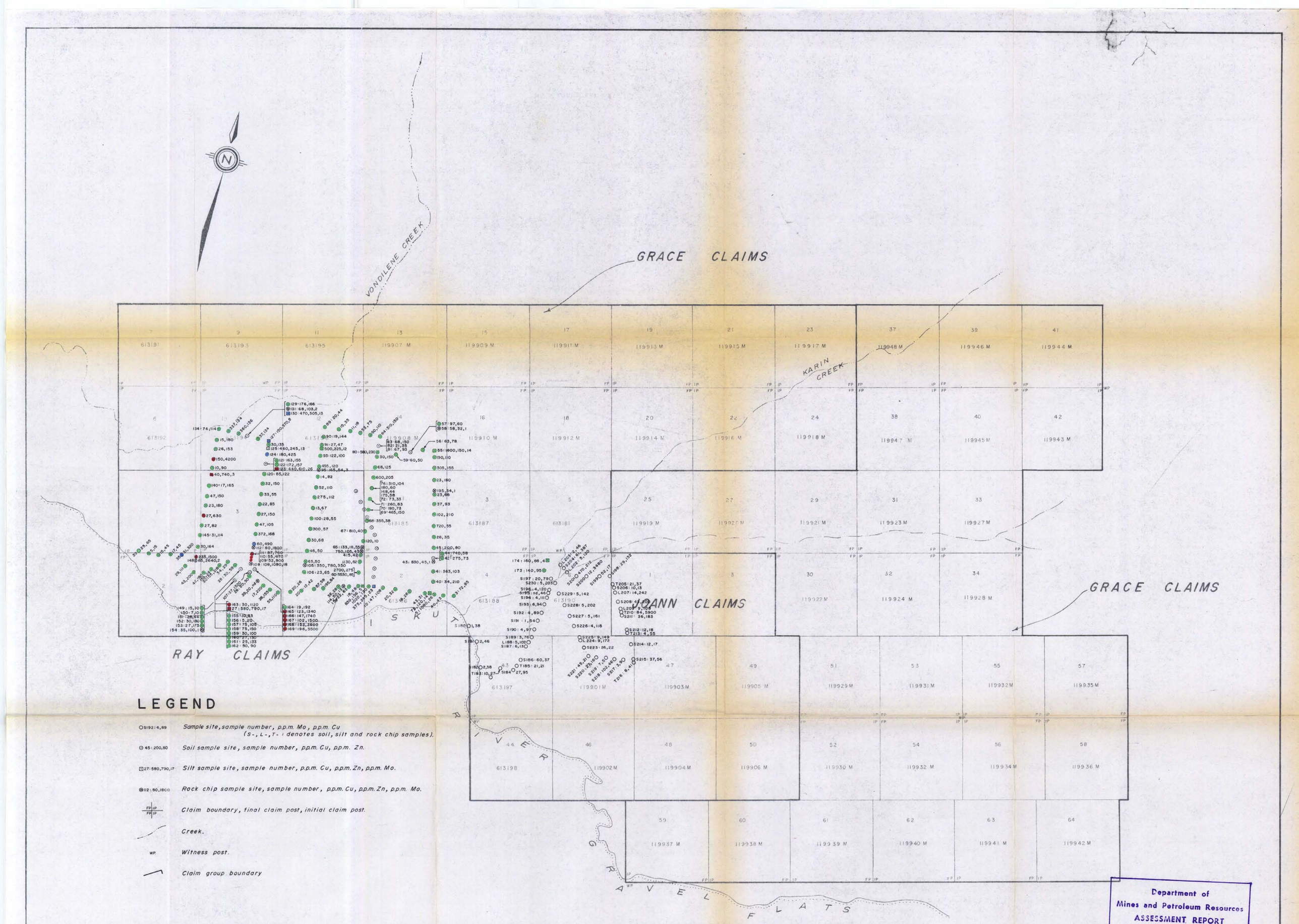
CERRO MINING CO OF CANADA LTD
WESTERN DIVISION
VANCOUVER B.C.

GEOLOGICAL MAP
ISKUT RIVER PROPERTY
OF
ISKUT SILVER MINES LTD

Liard Mining Division —— British Columbia

M. D. KIERANS, P. ENG. CONSULTING GEOLOGIST | June 1970 | Scale 1" = 200 feet | Drawn by A.D. | FIG. 6


Area of Zinc Highs
(Drainage sample sites)
Iskut Silver Mines 1966
Soil Sampling
A
B
C
D
E
ISKUT RIVER
SYMBOLS
ISKUT SILVER MINES SAMPLING 1965 - 1966
Drainage Samples Copper
Soil Samples Copper
0 - 199 ppm
200 - 1000 ppm
+ 1000 ppm
No samples
0 - 50 ppm
50 - 150 ppm
+ 150 ppm
NOTE Sample Locations and Results copied from Map supplied by Iskut Silver Mines (Modified by M.D.K.)
CERRO MINING COMPANY OF CANADA SAMPLING 1970
Soil sample sites
Silt sample sites
Rock chips
Site where more than one soil sample taken
Explanation for "Cerro" symbols
To right of each soil sample are four numbers. Number closest to soil sample site symbol is sample Number then follows Copper results in ppm., Zinc results in ppm and finally pH value
Example Sample No. Copper ppm. Zinc ppm. pH value
146 30 164 5.60
To right of rock chip symbols are four numbers. These are from left to right sample Number, Copper result in ppm., Zinc results in ppm and Molybdenum in ppm
Example Sample No. Copper ppm. Zinc ppm. Mo ppm
95 165 54 3
To right of silt sample symbols are four number. These from left to right sample Number, Copper result in ppm., pH value and last Molybdenum in ppm
Example Sample No. Copper ppm. Zinc ppm pH value Mo ppm
146 6 75 120 14
SILT and SOIL SAMPLE COLOR CODE
COPPER MAP
Background 0 - 60 ppm Cu. — uncolored
Positive 1 60 - 150 ppm Cu. — yellow
Positive 2 150 - 300 ppm Cu. — orange
Anomalous +300 ppm Cu. — red
ZINC MAP
Background 0 - 250 ppm Zn. — uncolored
Positive 250 - 600 ppm Zn. — orange
Anomalous + 600 ppm Zn. — red
PROFESSIONAL ENGINEER
Province of BRITISH COLUMBIA
D.K. MUSTARD
CERRO MINING CO. OF CANADA LTD
WESTERN DIVISION
Vancouver B.C.
GEOCHEMICAL MAP
ISKUT RIVER PROPERTY
OF
ISKUT SILVER MINES LTD.
[CERRO (1970) and ISKUT (1966) Sample results]
Liard Mining Division — British Columbia
M.D. KIERANS, P. ENG.
CONSULTING GEOLOGIST
June 1970
Scale 1" = 200 feet
Drawn by
FIG. 5
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3002 MAP #5
3002
M-5



LEGEND

- ○S192:4,89 — Sample site, sample number, p.p.m. Mo, p.p.m. Cu (S-, L-, T- : denotes soil, silt and rock chip samples).
- ⊙45:200,80 — Soil sample site, sample number, p.p.m. Cu, p.p.m. Zn.
- ⊡27:580,790,17 — Silt sample site, sample number, p.p.m. Cu, p.p.m. Zn, p.p.m. Mo.
- ⊗112:80,1800 — Rock chip sample site, sample number, p.p.m. Cu, p.p.m. Zn, p.p.m. Mo.
- FP/IP / FP/IP — Claim boundary, final claim post, initial claim post.
- Creek.
- WP — Witness post.
- Claim group boundary

Range of Cu. in soils and silt.

Background	○	0 - 60 p.p.m.
Third order anomaly	○	60 - 150 p.p.m.
Second order anomaly	○	150 - 300 p.p.m.
First order anomaly	○	> 300 p.p.m.

Range of Zn. in soils and silt

Background	●	0 - 250 p.p.m.
Second order anomaly	●	251 - 600 p.p.m.
First order anomaly	●	>600 p.p.m.

Range of Mo in soils and silt

Background	○	0 - 7 p.p.m.
Second order anomaly	○	8 - 14 p.p.m.
First order anomaly	○	15 p.p.m.

ISKUT SILVER MINES LTD.

GEOCHEMICAL MAP

GRACE, JOANN & RAY GROUPS

LAIRD M.D., BRITISH COLUMBIA

SCALE 1in = 750 ft. Fig. 5-A

750 0 750 1500 2250 3000

SEPTEMBER 1970

D.C. MACLEOD BRITISH COLUMBIA ENGINEER

GRACE CLAIMS

VONDILENE CREEK

KARIN CREEK

JOANN CLAIMS

GRACE CLAIMS

RAY CLAIMS

ISKUT RIVER

GRAVEL FLATS

LEGEND

○S192:4,89	Sample site, sample number, p.p.m. Mo, p.p.m. Cu (S-, L-, T- : denotes soil, silt and rock chip samples).
⊙ 45:200,80	Soil sample site, sample number, p.p.m. Cu, p.p.m. Zn.
⊡ 27:580,790,17	Silt sample site, sample number, p.p.m. Cu, p.p.m. Zn, p.p.m. Mo.
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FP IP / FP IP	Claim boundary, final claim post, initial claim post.
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Range of Mo in soils and silt

Background	○	0 - 7 p.p.m.
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ISKUT SILVER MINES LTD.

GEOCHEMICAL MAP

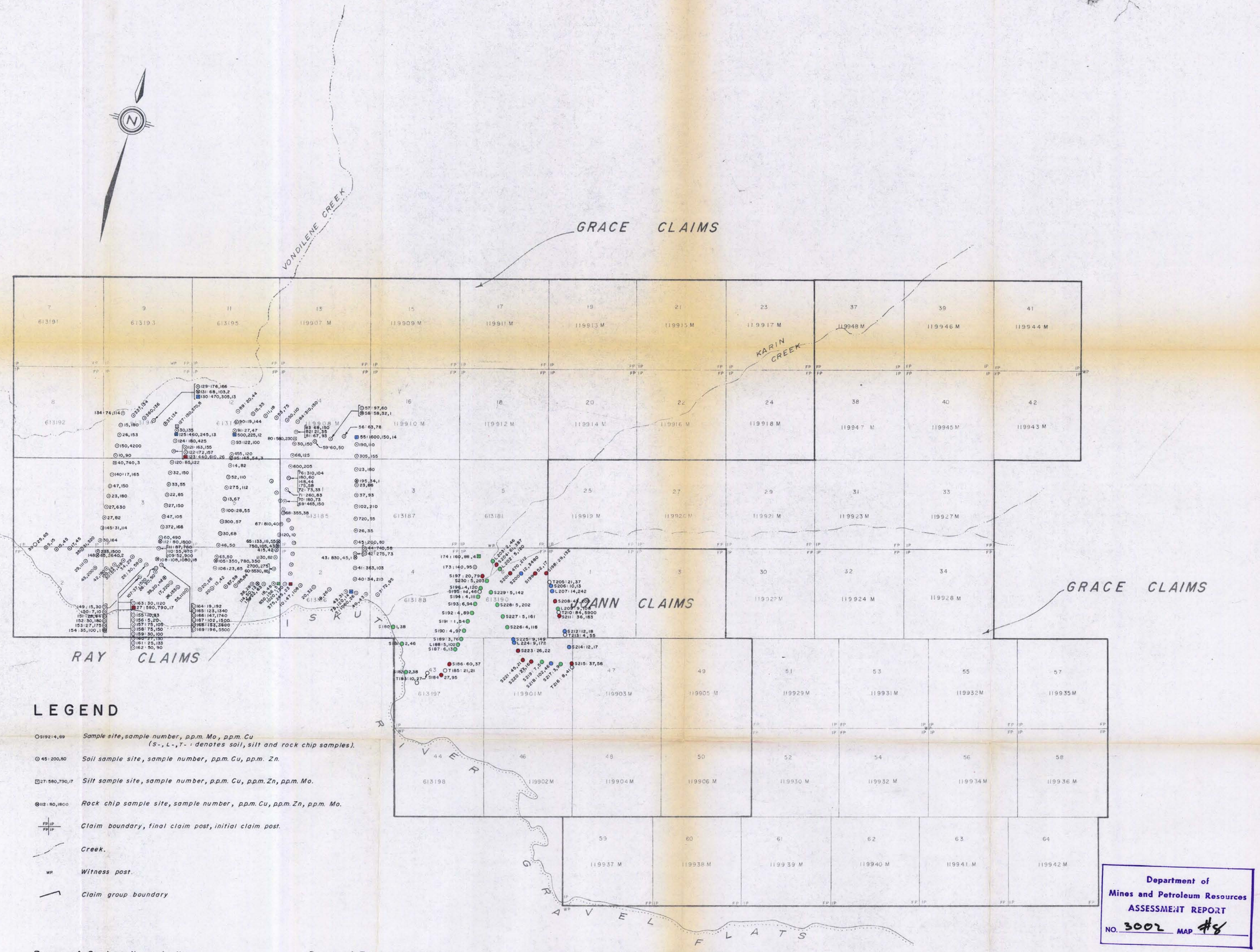
GRACE, JOANN & RAY GROUPS

LAIRD M.D., BRITISH COLUMBIA

SCALE 1in = 750 ft Fig. 5-A

750 0 750 1500 2250 3000

SEPTEMBER 1970



LEGEND

- S192:4,69 — *Sample site, sample number, p.p.m. Mo, p.p.m. Cu (S-, L-, T- : denotes soil, silt and rock chip samples).*
- 45:200,80 — *Soil sample site, sample number, p.p.m. Cu, p.p.m. Zn.*
- 27:580,790,17 — *Silt sample site, sample number, p.p.m. Cu, p.p.m. Zn, p.p.m. Mo.*
- 112:80,1800 — *Rock chip sample site, sample number, p.p.m. Cu, p.p.m. Zn, p.p.m. Mo.*
- FP IP / FP IP — *Claim boundary, final claim post, initial claim post.*
- *Creek.*
- WP — *Witness post.*
- *Claim group boundary*

Range of Cu. in soils and silt.

Background	○	0 - 60 p.p.m.
Third order anomaly	○	60 - 150 p.p.m.
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Range of Zn. in soils and silt

Background	○	0 - 250 p.p.m.
Second order anomaly	○	251 - 600 p.p.m.
First order anomaly	○	>600 p.p.m.

Range of Mo in soils and silt

Background	●	0 - 7 p.p.m.
Second order anomaly	●	8 - 14 p.p.m.
First order anomaly	●	> 15 p.p.m.

ISKUT SILVER MINES LTD.

GEOCHEMICAL MAP

GRACE, JOANN & RAY GROUPS

LAIRD M.D., BRITISH COLUMBIA

SCALE 1in = 750 ft Fig. 5-A

750 0 750 1500 2250 3000

SEPTEMBER 1970

D.K. MacDONALD — BRITISH COLUMBIA — ENGINEER

Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3002 MAP #8

3002 M-8