

COMINCO LTD.

EXPLORATION
NTS:92H/10,15

WESTERN DISTRICT
August 2, 1981

ASSESSMENT REPORT
ON A SOIL GEOCHEMICAL SURVEY
OVER PART OF THE RUM PROPERTY

(Rum Mineral Claims 3-6, 8-9, 48 Units)

MISSEZULA LAKE AREA, SIMILKAMEEN M.D., B.C.

(work performed between June 17 and July 8, 1981)

LATITUDE: 49°44'49"N

LONGITUDE: 120°32'56"W

REPORT BY:

D.T. MEHNER

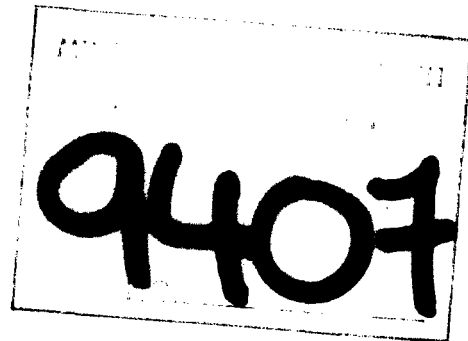


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SUMMARY

The Rum property is comprised of 55 units covering an alkaline porphyry copper prospect in the Aspen Grove copper belt of south central B.C. A soil geochemical survey was conducted over part of the property with 288 samples being collected and analyzed for Cu, Pb and Zn. Results of the survey indicate the occurrence of a number of small and weak, scattered Cu-Pb-Zn soil anomalies that are largely coincident with each other and with a major north-south fault. Since the anomalies are small and of rather low copper values it is recommended that no further work be conducted over the property.

INTRODUCTION

The Rum property is an alkaline porphyry copper prospect located in the Aspen Grove copper belt of south central B.C. Work on the property consisted of resurrection of an old grid by reflagging the lines and establishing stations at 50 meter intervals and of conducting a soil geochemical survey over part of the property.

The work was carried out intermittently from June 17 to July 8, 1981 by Doug Pauls, Dan Pauls, Brian Cousens and David Mehner.

LOCATION AND ACCESS

The Rum mineral claims are located about 32 km north of Princeton B.C. and 21 km south-southeast of Aspen Grove, B.C. Access to the property is obtained by heading east along 7 km of gravel road that leads from Highway 5 to a B.C. Telephone Co. microwave station (Plate 1). Access is also obtained by taking the gravel road that goes from Highway 5 to the north end of Missezula Lake (Dillard Main logging road) for 5.5 km and then turning right towards Ketchikan Lake.

TOPOGRAPHY AND VEGETATION

The Rum property is situated on the eastern slope and crest of a northerly trending ridge that parallels Summers Creek. Elevations vary from 1219 meters (4000 ft) to 1585 meters (5200 ft).

Vegetation is dense with alder, poplar and coniferous trees on the ridge and upper slope and thick underbrush along the slope at lower elevations. Small swamps occur along the ridge top.

PROPERTY AND OWNERSHIP

The Rum property is located in the Similkameen Mining Division and is owned 100% by Cominco Ltd. It comprises the following claims:

<u>CLAIM</u>	<u>RECORD #</u>	<u>UNITS</u>	<u>DATE RECORDED</u>	<u>DATE DUE</u>
Rum 3	703	20	Aug. 23/79	Aug.23/82
Rum 4	704	20	Aug. 23/79	Aug.23/82
Rum 5	860	1	Nov. 20/79	Nov.20/82
Rum 6	861	1	Nov. 20/79	Nov.20/81
Rum 7	862	1	Nov. 20/79	Nov.20/81
Rum 7	994	6	Apr. 23/80	Apr.23/83
Rum 8	1218	4	Nov. 3/80	Nov. 3/81
Rum 9	1236	2	Nov. 10/80	Nov.10/81

NOTE: The property was originally staked by Cominco Ltd. as the Rum 1 mineral claim (20 units) on March 20, 1979. It was abandoned in August 1979 and restaked in part as the Rum 3 mineral claim.

PREVIOUS WORK

In 1962 the property was staked as the 40 unit, K.R. claim group by Plateau Metals Ltd. Bulldozer trenching, a ground magnetics survey and an unknown amount of diamond drilling were carried out on the property. Then in 1966 Adera Mining Ltd. optioned the ground and conducted a soil geochemical and ground magnetics survey followed by diamond drilling before they terminated their option. In 1970 Amax staked the Rum claims and carried out geological mapping, a soil geochemical, ground magnetics and induced polarization survey program. They also percussion drilled 9 holes totalling 1879 ft. before dropping the ground. Kalco Valley Mines Ltd. then optioned the property in 1972 and did some mapping and trench sampling before terminating the option. Ruskin Developments Ltd. acquired the property in 1974 and carried out geological mapping and a copper soil geochemical survey(Sookochoff,1974). They have subsequently let claims lapse as they come due. Cominco Ltd. staked the Rum claims in 1979 and have since conducted soil and rock geochemical, ground magnetometer and geological mapping surveys over the property.

GRID PREPARATION

Prior to conducting the soil geochemical survey on the property, old grid lines were resurrected by remeasuring and reflagging the lines. The baseline used was the same as the one used by Amax. It was relabeled "00". Stations were established along picket lines at 50 meter intervals with metal tags attached to trees giving the grid co-ordinates. Red and blue flagging was used to readily identify the station locations.

GEOCHEMISTRY

A soil geochemical survey was conducted over selected portions of the Rum property (Plates 2 to 4) in an attempt to verify anomalies produced by old surveys(Amax, 1971; Ruskin Development,1976) and to evaluate areas not covered by previous workers.

A total of 288 soil samples were collected at 50 meter intervals. All samples were analyzed for Cu, Pb and Zn by Cominco's laboratory in Vancouver. Results are listed in Appendix "B". Sample locations along with contoured maps for individual elements(Cu,Pb,Zn) are shown on Plates 2 to 4. Samples were collected from the "B" soil horizon whenever it was present, however for the most part soils were very poorly developed and consisted largely of brown wooded earths or rocky clays. The samples were air dried then sieved through 80 mesh screens. Cu, Pb and Zn analysis were made using a hot nitric acid(20% NH_4NO_3) digestion followed by atomic absorption. Coefficients of variation are 10-15%.

Results of the soil geochem survey show a number of small, weak scattered Cu-Pb-Zn anomalies that are coincident with one another, occur in a narrow zone and are elongated in a north-south direction. Geological mapping indicates the anomalies occur along a major north-south trending fault that separates diorite and monzonite intrusives and coarse volcanic fragmentals to the west from predominantly fine grained tuffs and sediments to the east. The copper and lead soil anomalies are largely overlying the intrusive and coarse fragmental rocks adjacent to the fault while the zinc soil anomaly occurs over the sediments to the east as well.

CONCLUSIONS

Work on the property to date has confirmed the presence of a number of small, scattered copper soil anomalies that appear related to a north-south trending fault.

RECOMMENDATIONS

In consideration of the relatively small size and low copper values obtained for the soil anomalies on the property is is recommended that no further work be done on the claims.

REFERENCES

- Christoffersen, J.E., DePaoli, G.M. and Hodgson, C.J., 1971. 1971 Geological, Geochemical and Geophysical Report, Ketchan Creek Property(Rum Mineral Claims); B.C. Dept. of Mines and Petroleum Resources Assessment Report number 3365.
- Mark, D.G., 1976. Geochemical Report on a Soil Sample Survey, Rum Claim Group, Missezula Lake Area, Similkameen M.D., B.C.; B.C. Dept. of Mines and Petroleum Resources Assessment Report number 6036.
- Mehner, D.T., 1980. Assessment Report on a Ground Magnetic and a Soil Geochemical Survey Over Part of the Rum Property(Rum Mineral Claims 3-7,49 units), Missezula Lake Area, Similkameen M.D., B.C.
- Sookochoff, L. 1974. Geological Report on the Rum Claims of Ruskin Development Ltd.(N.P.L.), Similkameen M.D., B.C., T.R. Tough and Associates Ltd. February 25, 1974.

Reported by *D. T. Mehner*
D.T. Mehner
Geologist I

Endorsed by *F. L. Wynne*
F.L. Wynne
Senior Geologist

Approved for
Release by *G. Harden*
for G. Harden, Manager
Exploration, Western
District

DISTRIBUTION:
Minister of Mines(2)
West. Dist. File(1)
Vernon File(1)

DTM/slw

APPENDIX "A"

STATEMENT OF EXPENDITURES

FOR WORK ON THE RUM MINERAL CLAIMS

SALARIES

D. Mehner	Field 3 days(July 1,6,8) @ \$164/day	\$	492.00
	Office 3 days(Aug.10,11,13) @ \$140/day		420.00
B. Cousens	Field 3 days(June 29,July 6,8) @ \$120/day		360.00
Doug Pauls	Field 2 days(June 17,18) @ \$85/day		170.00
Dan Pauls	Field 4 days(June 17,18,29 July 1) @ \$85/day		340.00

GEOCHEMISTRY

Cu, Pb, Zn geochem analysis	288 soil samples @ \$3.55/ea		1,022.40
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TRANSPORTATION

Truck rental plus gas for 6 days @ \$40/day			240.00
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MISCELLANEOUS

Sample shipping, sample bags, flagging, phone etc.			100.00
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DOMICILE

12 man days @ \$28/man day			<u>336.00</u>
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TOTAL			\$ 3,480.40
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APPENDIX "B"

RUM PROPERTY

SOIL GEOCHEMICAL SURVEY RESULTS

RUM

JOB V81 - 0450S

REPORTING DATE 22 JUL 1981

SAMPLE NUMBER	TYPE	MAP	E/W	N/S	Cu PPM	Pb PPM	Zn PPM
SB1 12085	S	-1	+250	-25	77	11	89
SB1 12086	S	-1	+300	-25	41	10	125
SB1 12087	S	-1	+365	-25	19	<4	57
SB1 12088	S	-1	+400	-25	19	8	53
SB1 12089	S	-1	-50	-30	116	10	160
SB1 12090	S	-1	-100	-30	100	11	127
SB1 12091	S	-1	-150	-30	47	8	218
SB1 12092	S	-1	-200	-30	34	<4	49
SB1 12093	S	-1	-250	-30	111	4	40
SB1 12094	S	-1	-300	-30	34	5	54
SB1 12095	S	-1	-350	-30	57	<4	45
SB1 12096	S	-1	-400	-30	24	<4	49
SB1 12097	S	-1	-450	-30	27	6	70
SB1 12098	S	-1	-500	-30	50	13	87
SB1 12099	S	-1	+0	-30	40	16	185
SB1 12100	S	-1	+50	-30	92	30	275
SB1 12101	S	-1	+100	-30	113	21	249
SB1 12102	S	-1	+150	-30	83	13	181
SB1 12103	S	-1	+200	-30	24	6	132
SB1 12104	S	-1	+250	-30	20	4	54
SB1 12105	S	-1	+300	-30	29	4	70
SB1 12106	S	-1	+350	-30	15	5	72
SB1 12107	S	-1	+400	-30	16	4	67
SB1 12108	S	-1	-50	-35	69	10	107
SB1 12109	S	-1	-100	-35	41	7	132
SB1 12110	S	-1	-150	-35	60	9	110
SB1 12111	S	-1	-200	-35	61	8	162
SB1 12112	S	-1	-250	-35	44	7	36
SB1 12113	S	-1	-300	-35	39	4	34
SB1 12114	S	-1	-350	-35	30	<4	55
SB1 12115	S	-1	-400	-35	36	<4	52
SB1 12116	S	-1	-450	-35	51	<4	38
SB1 12117	S	-1	-500	-35	55	<4	45
SB1 12118	S	-1	+0	-35	52	7	94
SB1 12119	S	-1	+50	-35	47	6	99
SB1 12120	S	-1	+100	-35	82	8	167
SB1 12121	S	-1	+150	-35	48	5	77
SB1 12122	S	-1	+200	-35	25	<4	66
SB1 12123	S	-1	+250	-35	34	<4	105
SB1 12124	S	-1	+300	-35	35	5	67

RUM

JOB V81 - 04508

REPORTING DATE 22 JUL 1981

SAMPLE NUMBER	TYPE	NAP	E/W	N/S	Cu PPM	Pb PPM	Zn PPM
S81 12125	S	-1	+350	-35	25	<4	49
S81 12126	S	-1	+400	-35	28	4	71
S81 12127	S	-1	-50	-50	177	8	112
S81 12128	S	-1	-150	-50	25	12	435
S81 12129	S	-1	-200	-50	55	66	470
S81 12130	S	-1	-250	-50	52	26	241
S81 12131	S	-1	-300	-50	30	22	158
S81 12132	S	-1	-350	-50	52	19	127
S81 12133	S	-1	-400	-50	26	8	96
S81 12134	S	-1	+0	-50	121	7	130
S81 12135	S	-1	+50	-50	167	11	130
S81 12136	S	-1	+100	-50	57	7	131
S81 12137	S	-1	+150	-50	39	6	122
S81 12138	S	-1	+200	-50	39	5	125
S81 12139	S	-1	+250	-50	37	4	95
S81 12140	S	-1	+300	-50	21	4	133
S81 12141	S	-1	+350	-50	26	4	83
S81 12142	S	-1	+400	-50	41	6	86
S81 12143	S	-1	+450	-50	18	<4	54
S81 12144	S	-1	+500	-50	19	<4	51
S81 12145	S	-1	-50	-75	52	4	75
S81 12146	S	-1	-100	-75	81	<4	89
S81 12147	S	-1	-150	-75	50	8	129
S81 12148	S	-1	-200	-75	35	6	104
S81 12149	S	-1	-250	-75	28	10	123
S81 12150	S	-1	-300	-75	20	<4	61
S81 12151	S	-1	-350	-75	36	17	113
S81 12152	S	-1	-400	-75	42	10	57
S81 12153	S	-1	+0	-65	110	8	106
S81 12154	S	-1	+50	-65	80	6	84
S81 12155	S	-1	+100	-65	122	4	85
S81 12156	S	-1	+150	-65	42	15	296
S81 12157	S	-1	+200	-65	43	5	161
S81 12158	S	-1	+250	-65	28	9	96
S81 12159	S	-1	+300	-65	54	50	216
S81 12160	S	-1	+350	-65	57	7	124
S81 12161	S	-1	+400	-65	29	4	94
S81 12162	S	-1	+450	-65	19	<4	135
S81 12163	S	-1	-50	-85	74	<4	64
S81 12164	S	-1	-100	-85	112	13	113

RUM

JOB V81 - 04505

REPORTING DATE 22 JUL 1981

SAMPLE NUMBER	TYPE	MAP	E/W	N/S	Cu PPM	Pb PPM	Zn PPM
S81 12165	S	-1	-150	-85	43	7	61
S81 12166	S	-1	-200	-85	33	<4	52
S81 12167	S	-1	-250	-85	27	<4	32
S81 12168	S	-1	-300	-85	101	<4	44
S81 12169	S	-1	-350	-85	36	4	61
S81 12170	S	-1	-400	-85	39	4	62
S81 12171	S	-1	+0	-85	50	6	91
S81 12172	S	-1	-150	-90	39	5	50
S81 12173	S	-1	-300	-90	34	4	52
S81 12174	S	-1	-365	-90	32	<4	35
S81 12175	S	-1	-400	-90	30	4	42

RUM

JOB V81 - 0510S

REPORTING DATE 22 JUL 1981

SAMPLE NUMBER	TYPE	MAP	E/W	N/S	Cu PPM	Pb PPM	Zn PPM
S81 14742	S	-1	- 00	+675	66	5	63
S81 14743	S	-1	-100	+675	31	4	32
S81 14744	S	-1	-150	+675	30	6	43
S81 14745	S	-1	-200	+675	40	5	75
S81 14746	S	-1	-250	+675	27	4	65
S81 14747	S	-1	-300	+675	14	4	43
S81 14748	S	-1	-350	+675	16	4	40
S81 14749	S	-1	-400	+675	38	<4	61
S81 14750	S	-1	-450	+675	21	5	41
S81 14751	S	-1	-500	+675	34	5	49
S81 14752	S	-1	-550	+675	53	4	51
S81 14753	S	-1	-600	+675	54	5	49
S81 14754	S	-1	-650	+675	41	5	42
S81 14755	S	-1	-700	+675	20	<4	29
S81 14756	S	-1	-750	+675	31	4	44
S81 14757	S	-1	-800	+675	29	4	37
S81 14758	S	-1	-850	+675	18	<4	37
S81 14759	S	-1	+0	+525	40	5	68
S81 14760	S	-1	-50	+525	37	5	60
S81 14761	S	-1	-100	+525	39	<4	9
S81 14762	S	-1	-150	+525	25	5	43
S81 14763	S	-1	-200	+525	22	5	73
S81 14764	S	-1	-250	+525	20	4	37
S81 14765	S	-1	-300	+525	20	<4	49
S81 14766	S	-1	-350	+525	34	4	46
S81 14767	S	-1	-400	+525	40	7	142
S81 14768	S	-1	-450	+525	20	4	43
S81 14769	S	-1	-500	+525	18	<4	41
S81 14770	S	-1	-550	+525	45	<4	40
S81 14771	S	-1	-600	+525	21	<4	38
S81 14772	S	-1	-650	+525	33	4	40
S81 14773	S	-1	-700	+525	19	5	42
S81 14774	S	-1	-750	+525	16	<4	41
S81 14775	S	-1	-800	+525	15	4	40
S81 14776	S	-1	+200	-25	75	13	113
S81 14777	S	-1	+150	-25	35	8	79
S81 14778	S	-1	+100	-25	32	10	263
S81 14779	S	-1	+50	-25	67	9	141
S81 14780	S	-1	+0	-25	38	29	358
S81 14781	S	-1	-60	-25	38	7	155

RUM

JOB

V81

- 05458

REPORTING DATE 23 JUL 1981

SAMPLE NUMBER	TYPE	MAP	E/W	N/S	Cu PPM	Pb PPM	Zn PPM
881 16370	S	-1	-310	-80	43	4	50
881 16371	S	-1	-350	-80	55	6	61
881 16372	S	-1	-400	-80	76	8	68
881 16373	S	-1	-450	-80	64	10	82
881 16374	S	-1	-500	-80	43	6	48
881 16375	S	-1	-250	-75	49	8	70
881 16376	S	-1	-300	-75	39	7	61
881 16377	S	-1	-350	-75	55	7	59
881 16378	S	-1	-400	-75	60	7	67
881 16379	S	-1	-450	-75	55	7	75
881 16380	S	-1	-500	-75	39	7	71
881 16381	S	-1	-550	-75	43	6	67
881 16382	S	-1	-600	-75	25	<4	45
881 16383	S	-1	-250	-70	36	6	87
881 16384	S	-1	-300	-70	36	<4	63
881 16385	S	-1	-350	-70	41	5	59
881 16386	S	-1	-400	-70	93	6	77
881 16387	S	-1	-450	-70	39	7	52
881 16388	S	-1	-500	-70	43	5	76
881 16389	S	-1	+350	-40	69	5	121
881 16390	S	-1	+400	-40	134	5	85
881 16391	S	-1	+450	-40	30	<4	104
881 16392	S	-1	+500	-40	21	5	66
881 16393	S	-1	+550	-40	16	<4	92
881 16394	S	-1	+600	-40	17	<4	55
881 16395	S	-1	+650	-40	14	<4	73
881 16396	S	-1	+700	-40	16	<4	65
881 16397	S	-1	+750	-40	15	<4	50
881 16398	S	-1	+850	-40	18	<4	59
881 16399	S	-1	+900	-40	15	<4	45
881 16400	S	-1	+450	-35	20	<4	81
881 16401	S	-1	+500	-35	8	<4	45
881 16402	S	-1	+550	-35	17	<4	49
881 16403	S	-1	+600	-35	14	<4	70
881 16404	S	-1	+650	-35	15	4	55
881 16405	S	-1	+700	-35	16	<4	42
881 16406	S	-1	+750	-35	21	4	66
881 16407	S	-1	+800	-35	16	<4	66
881 16408	S	-1	+850	-35	21	<4	60
881 16409	S	-1	+900	-35	17	<4	80

RUM

JOB VBI - 05455

REPORTING DATE 23 JUL 1981

SAMPLE NUMBER	TYPE	MAP	E/W	N/S	Cu PPM	Pb PPM	Zn PPM
381 16410	S	-1	+450	-30	15	5	55
381 16411	S	-1	+500	-30	12	<4	56
381 16412	S	-1	+550	-30	16	4	66
381 16413	S	-1	+600	-30	15	4	45
381 16414	S	-1	+650	-30	21	5	36
381 16415	S	-1	+700	-30	14	<4	37
381 16416	S	-1	+750	-30	18	<4	72
381 16417	S	-1	+800	-30	15	<4	45
381 16418	S	-1	+850	-30	20	<4	93
381 16419	S	-1	+900	-30	14	<4	65
381 16420	S	-1	+450	-25	30	6	63
381 16421	S	-1	+500	-25	16	<4	64
381 16422	S	-1	+550	-25	16	<4	48
381 16423	S	-1	+600	-25	14	<4	46
381 16424	S	-1	+650	-25	13	<4	60
381 16425	S	-1	+700	-25	15	<4	37
381 16426	S	-1	+800	-25	22	<4	65
381 16427	S	-1	+850	-25	23	<4	61
381 16428	S	-1	+900	-25	25	<4	65
381 16429	S	-1	+550	-20	19	<4	38
381 16430	S	-1	+600	-20	16	<4	42
381 16431	S	-1	+650	-20	11	<4	23
381 16432	S	-1	+700	-20	14	<4	25
381 16433	S	-1	+750	-20	46	<4	53
381 16434	S	-1	+800	-20	12	<4	49
381 16435	S	-1	+850	-20	27	<4	121
381 16436	S	-1	+900	-20	20	<4	65
381 16437	S	-1	+450	-15	18	<4	57
381 16438	S	-1	+500	-15	11	<4	45
381 16439	S	-1	+550	-15	12	<4	49
381 16440	S	-1	+600	-15	19	<4	40
381 16441	S	-1	+650	-15	19	<4	38
381 16442	S	-1	+700	-15	12	4	47
381 16443	S	-1	+750	-15	15	<4	50
381 16444	S	-1	+800	-15	16	<4	49
381 16445	S	-1	+850	-15	17	<4	50
381 16446	S	-1	+900	-15	20	<4	43
381 16447	S	-1	+0	-10	25	<4	70
381 16448	S	-1	+50	-10	23	<4	70
381 16449	S	-1	+100	-10	26	<4	39

RUM JOB VEL - 0545S

REPORTING DATE 23 JUL 1981

SAMPLE NUMBER	TYPE	MAP	E/W	N/S	Cu PPM	Pb PPM	Zn PPM
S81 16450	S	-1	+150	-10	43	<4	53
S81 16451	S	-1	+200	-10	31	<4	53
S81 16452	S	-1	+250	-10	29	<4	51
S81 16453	S	-1	+300	-10	55	<4	54
S81 16454	S	-1	+350	-10	22	<4	52
S81 16455	S	-1	+400	-10	14	<4	50
S81 16456	S	-1	+450	-10	10	<4	54
S81 16457	S	-1	+550	-10	15	<4	55
S81 16458	S	-1	+600	-10	15	<4	53
S81 16459	S	-1	+650	-10	17	<4	59
S81 16460	S	-1	+700	-10	12	<4	56
S81 16461	S	-1	+750	-10	29	<4	51
S81 16462	S	-1	+800	-10	18	<4	58
S81 16463	S	-1	+850	-10	21	<4	73
S81 16464	S	-1	+900	-10	32	<4	51
S81 16465	S	-1	+0	-5	34	<4	60
S81 16466	S	-1	+50	-5	45	4	67
S81 16467	S	-1	+100	-5	37	<4	69
S81 16468	S	-1	+150	-5	42	<4	52
S81 16469	S	-1	+200	-5	31	<4	66
S81 16470	S	-1	+250	-5	36	<4	62
S81 16471	S	-1	+360	-5	15	<4	48
S81 16472	S	-1	+400	-5	18	<4	52
S81 16473	S	-1	+450	-5	18	<4	57
S81 16474	S	-1	+500	-5	18	<4	53
S81 16475	S	-1	+550	-5	15	<4	28
S81 16476	S	-1	+600	-5	11	<4	42
S81 16477	S	-1	+0	+470	20	<4	74
S81 16478	S	-1	+50	+470	32	<4	67
S81 16479	S	-1	+100	+470	75	<4	48
S81 16480	S	-1	+200	+470	31	<4	29
S81 16481	S	-1	+250	+470	45	<4	51
S81 16482	S	-1	+300	+470	43	<4	49
S81 16483	S	-1	+350	+470	97	<4	87
S81 16484	S	-1	+400	+525	35	4	50
S81 16485	S	-1	+450	+525	156	<4	52
S81 16486	S	-1	+50	+675	56	<4	79
S81 16487	S	-1	+100	+675	55	<4	74
S81 16488	S	-1	+150	+675	24	<4	38
S81 16489	S	-1	+200	+675	33	<4	43

ELIM JOB VBL - 05455

REPORTING DATE 23 JUL 1981

SAMPLE NUMBER	TYPE	MAP	E/W	N/S	Cu PPM	Pb PPM	Zn PPM
SB1 16490	S	-1	+250	+675	93	<4	44
SB1 16491	S	-1	+300	+675	57	<4	45
SB1 16492	S	-1	+350	+675	27	<4	45
SB1 16493	S	-1	+400	+675	15	<4	49
SB1 16494	S	-1	+450	+675	18	<4	63

ANALYTICAL METHODS

Cu Pb Zn 20% HNO3 DIGESTION / AA

APPENDIX "C"

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

STATEMENT OF QUALIFICATIONS

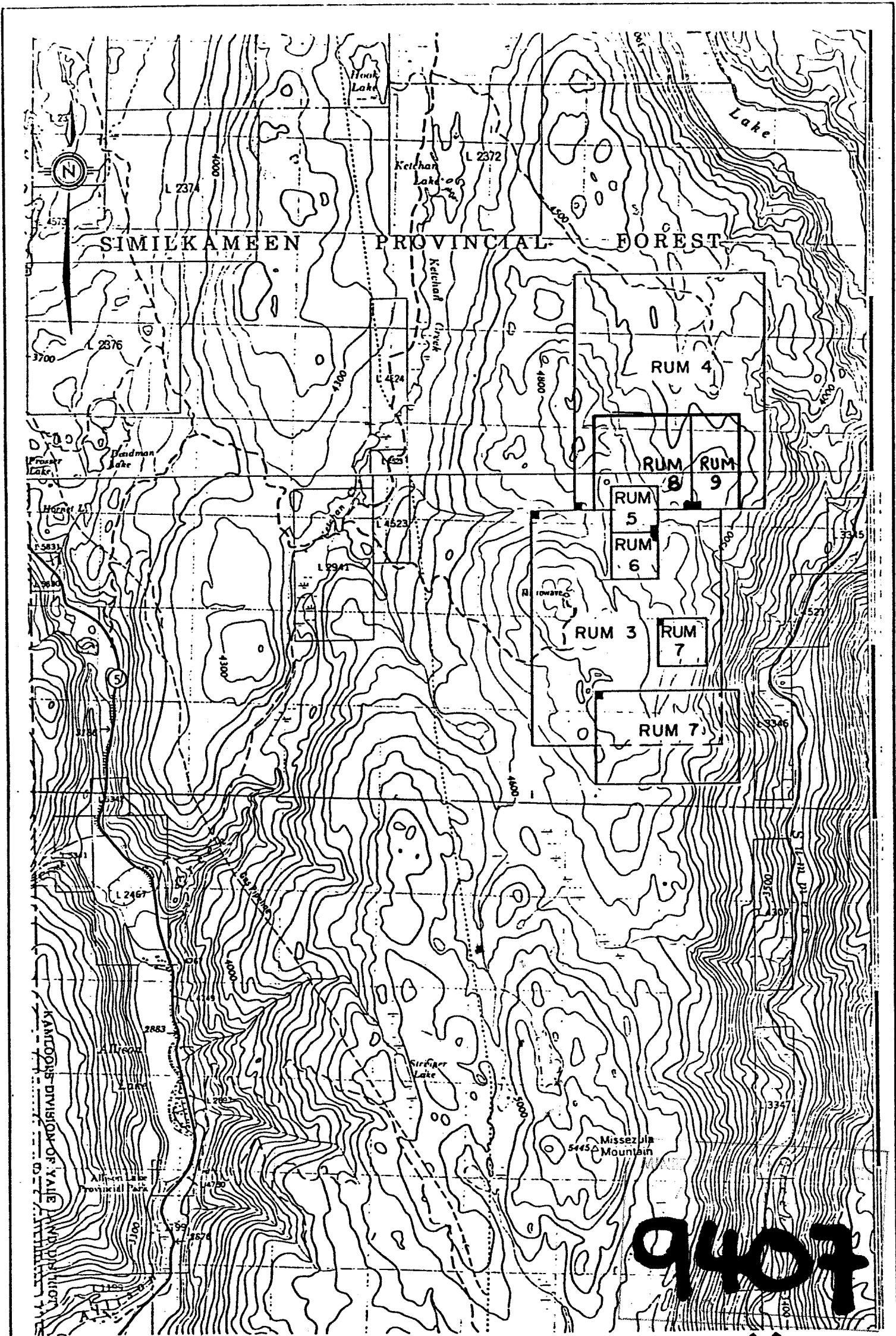
I, DAVID T. MEHNER OF THE CITY OF VERNON, BRITISH COLUMBIA, HEREBY CERTIFY:

1. THAT I AM A GEOLOGIST residing at 1715 - 41st Avenue, Vernon, British Columbia, with a business address at 4405 - 28th Street, Vernon, British Columbia.
2. THAT I GRADUATED with a B.Sc. Hon. Degree in Geology from the University of Manitoba, in 1976.
3. THAT I HAVE PRACTISED Geology with Cominco Ltd. from October 1979 to present and as such have a personal knowledge of the facts which I herinafter deposit.

DATED THIS 13th DAY OF AUGUST, 1981 AT VERNON, BRITISH COLUMBIA.

SIGNED: _____

David Mehner
D.T. MEHNER



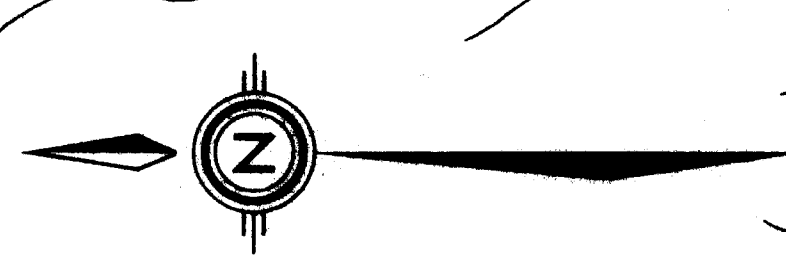
TULAMEEN & ASPEN GROVE MAP SHEETS  92 H/10, 15

Drawn by:		Traced by: RAR	
Revised by	Date	Revised by	Date
BTM	Aug 10/81		

D. Mahner

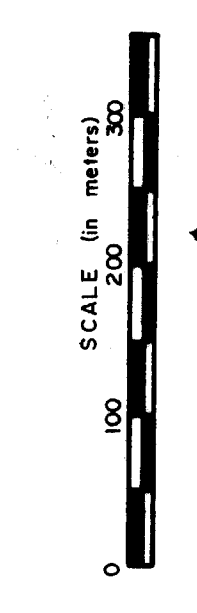
RUM PROPERTY Claim Location Map

Scale: 1:50,000 Date: April 10, 1980 Plate: 1



LEGEND

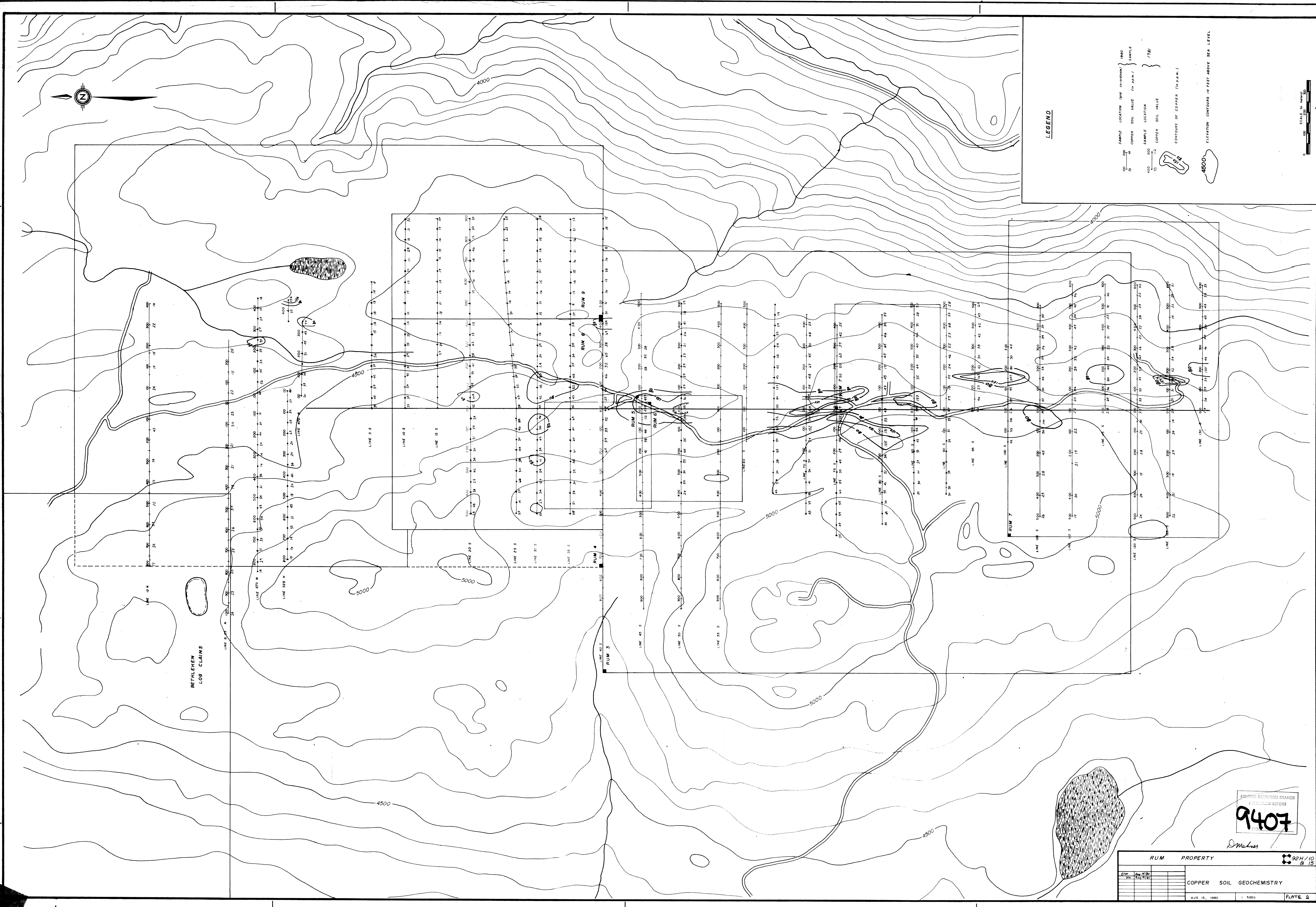
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- 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000
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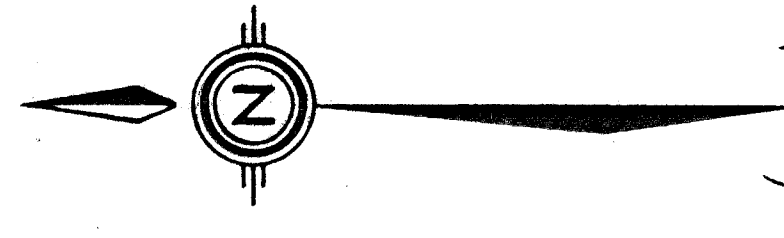


BETHLEHEM LOG CLAIMS

RUM PROPERTY		92H/10 8/15
COPPER SOIL GEOCHEMISTRY		
AUG. 15, 1980		1:5000
		PLATE 2

9407
D. Mahler



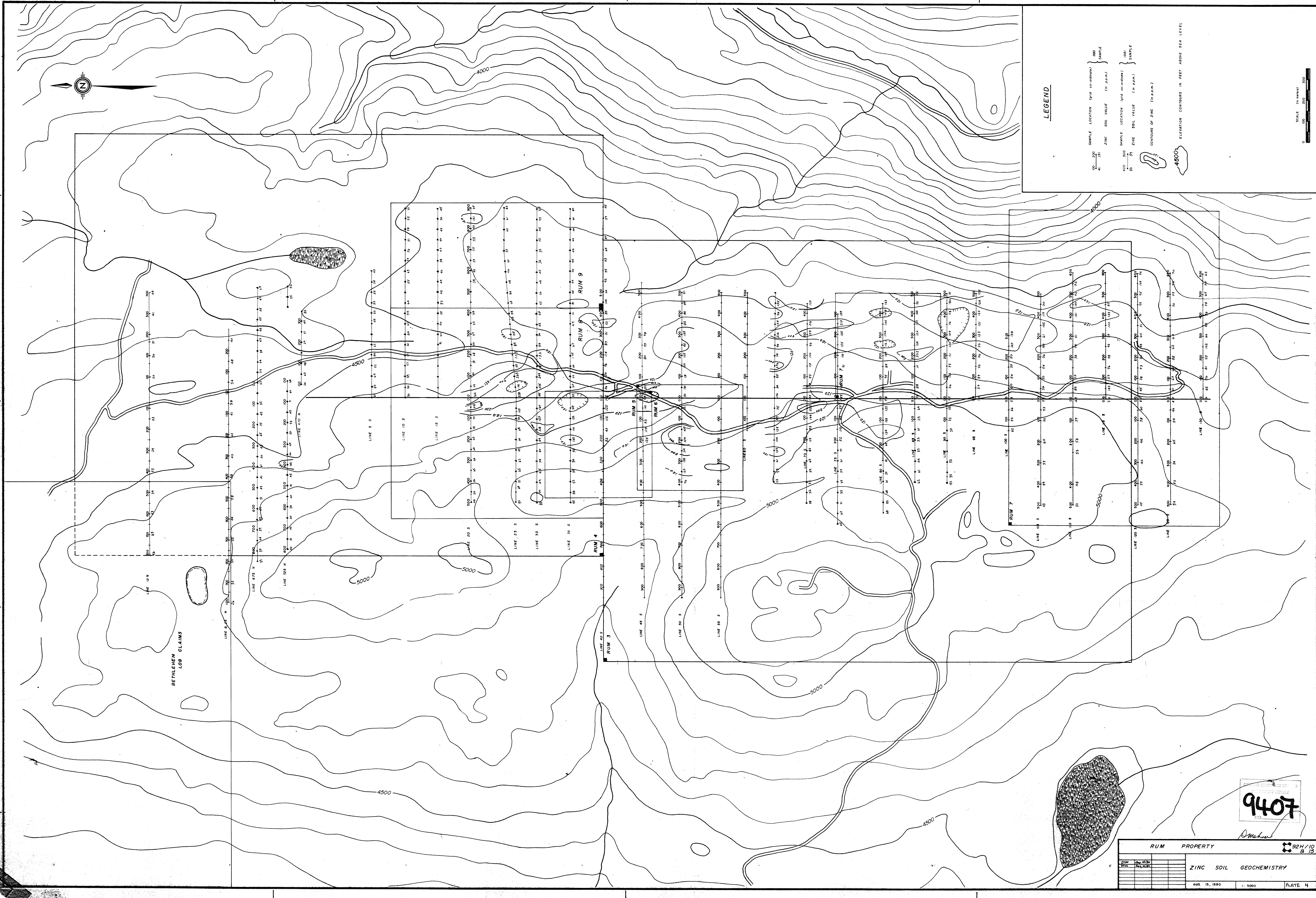


BETHLEHEM
LOG CLAIMS

LEGEND

- 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000
- 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000
- 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000

SCALE (in meters)
0 100 200 300



9407
NO.

RUM PROPERTY		92H/10 B 15
ZINC SOIL GEOCHEMISTRY		
DATE	NO. OF SAMPLES	SCALE
APR. 15, 1980	11	5000
		PLATE H