

TRENCHING PROGRAM
ON THE
KID 1-8 and MGM 1-44 CLAIMS
Watson Lake Mining District
Yukon Territory

NTS: 95 C 5
Latitude: 60° 23' N
Longitude: 125° 47' W

by
091854

R.A. Quartermain

Consolidated Silver Standard Mines Limited
1100 - 1199 West Hastings Street
Vancouver, B.C.
V6E 3V4

091854

July, 1986



091854

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 3500.00 .

Michael Cosec

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

SUMMARY

A 10-day sampling, trenching and re-evaluation program was undertaken on the Kid 1-8 and MGM 1-44 claims between July 7 and 17, 1986. Four trenches totalling 40 m in length were excavated in areas of high radioactivity, or where float and/or outcrop with anomalous Rare Earth Elements (REE) had been located. The results of this work indicates that additional exploration of the property is warranted with emphasis towards areas of anomalous REE.

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APPENDIX

Appendix I Analytical Results (to follow on receipt)

DRAWINGS

Drawing C30018601	Location Map	1:3,200,000	after pg.1
Drawing C30018602	Claim Map	1:50,000	after pg.2
Drawing C30018603	Area of Trenching	1:5,000	in pocket
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Drawing C30018607	Trench 86-12	1:100	after pg.3
Drawing C30018608	Trench 86-13	1:100	after pg.3

INTRODUCTION

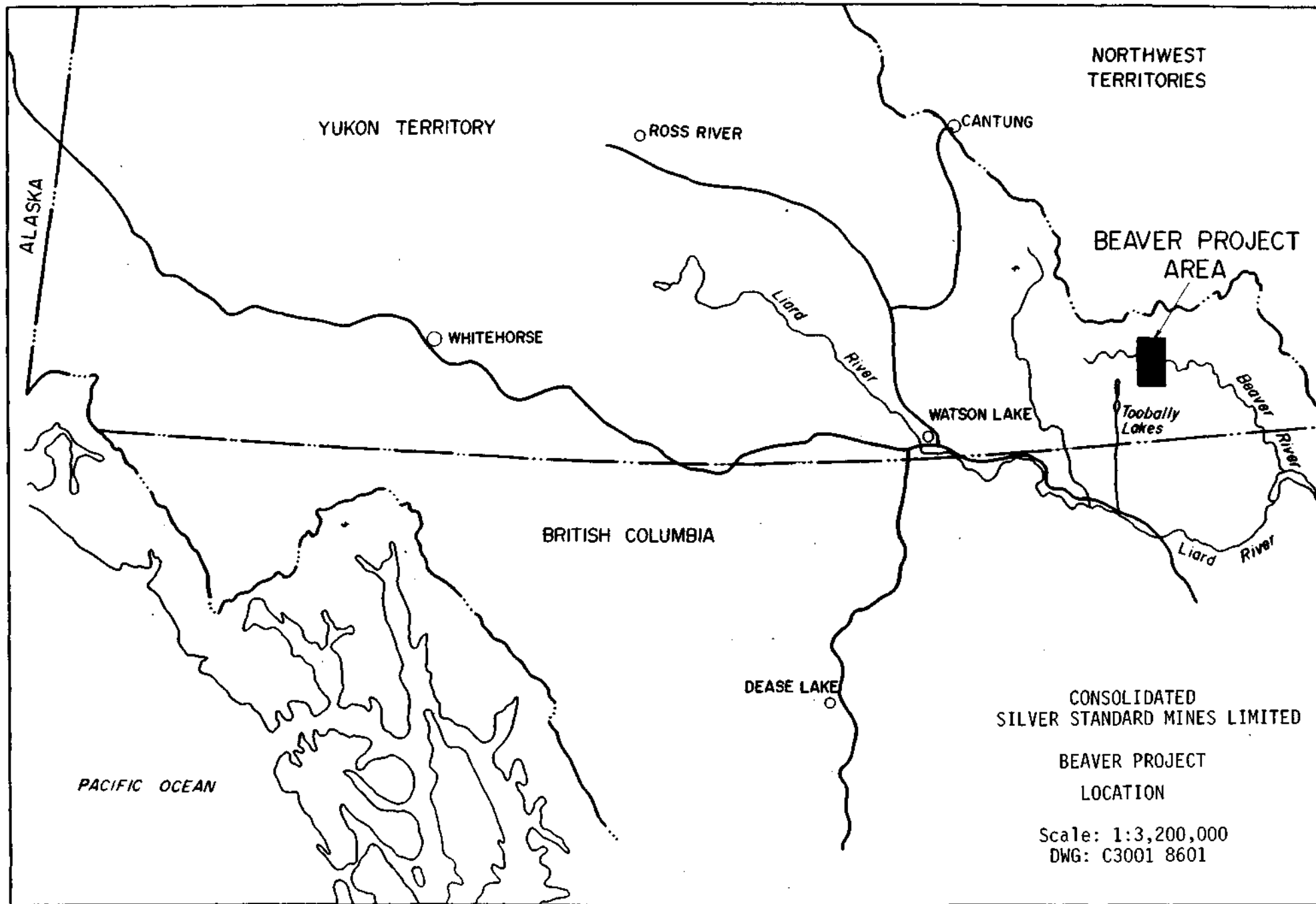
A three-man ten-day exploration program was undertaken on the Beaver property between July 7 and July 17th, 1986. Included as part of this program was a limited amount of trenching on the Kid and certain adjoining claims. It is this 40 meter trenching program that is the subject of this report.

The 1986 program on the Beaver property was largely a re-evaluation combined with orientation exploration surveys. The analytical results of work carried out on the property between 1976 and 1980 indicated that rare earth elements (REE) occur in association with radioactive elements and concentrations of greater than 1% REE were noted. No active exploration was undertaken strictly for rare earths. The potential for economic concentrations of rare earths may exist, however, the property will require a substantial and well-managed program to determine if this is the case.

LOCATION AND ACCESS

The property is located approximately 200 km east of Watson Lake, Yukon Territory in the Beaver River watershed. The Beaver Claim Group covers a 5 km north-south trending barren height of land at an elevation of 1400 meters, 10 km southwest of the headwaters of the Beaver River.

Accessibility is restricted to aircraft. Fixed-wing float aircraft can fly to Toobally Lakes and from there, equipment can be ferried via helicopter to the property, a distance of 20 km east. In the winter it would be possible to land on the flat height of land covered by claims MGM 43 and 41. The property is approximately a 1 hour helicopter ride east of Watson Lake.



CLAIMS

The Beaver property consists of 52 located claims.

Kid 1-8 YA505-YA512 recorded 11 August 76

MGM 1-44 YA90921-YA90964 recorded 20 April 86

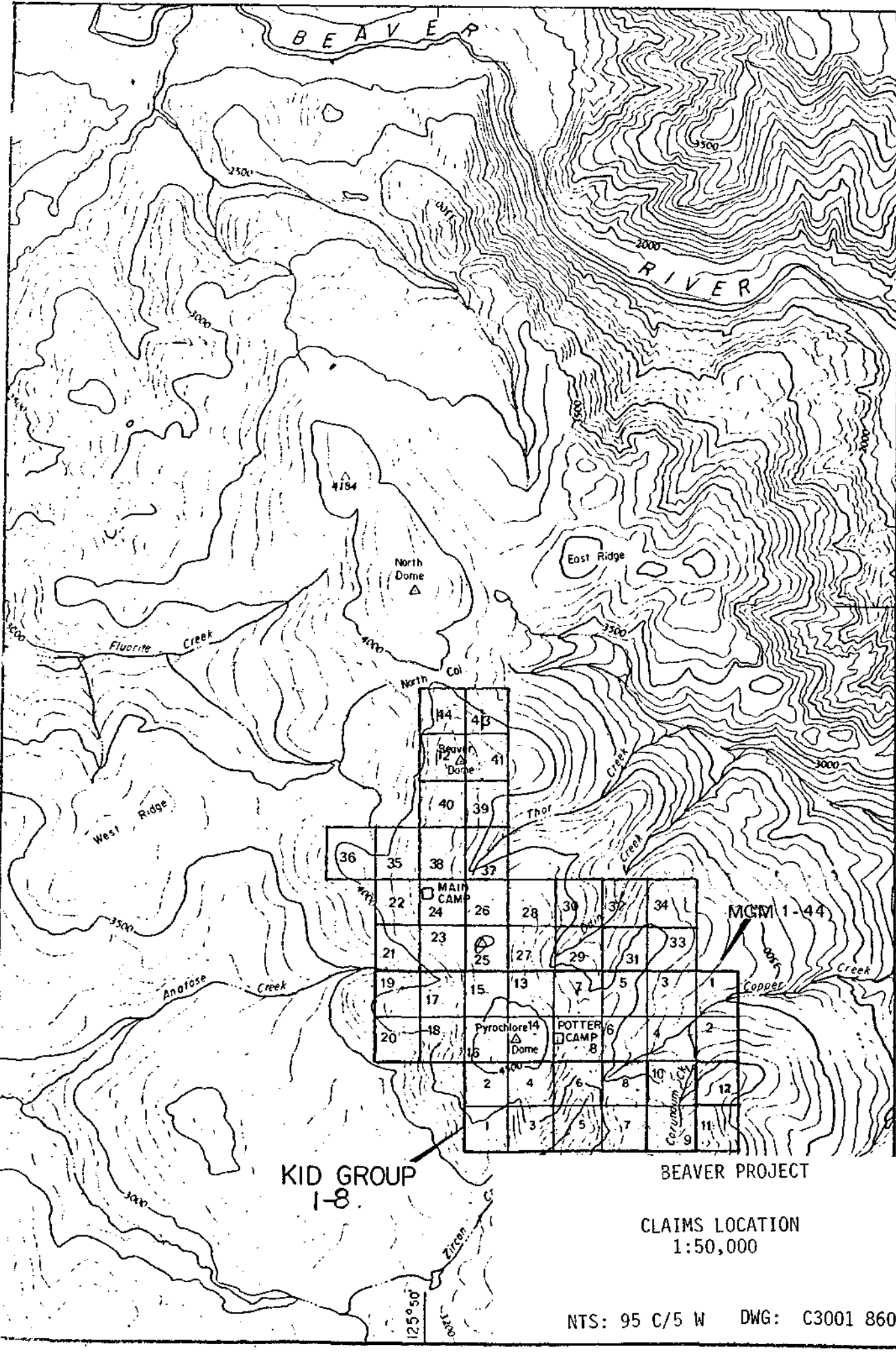
PREVIOUS WORK

The Beaver property was located in 1976 following an airborne radioactive survey carried out by Silver Standard Mines Limited personnel. Highly radioactive structures cutting the Beaver syenitic stock were sampled and trenched. In 1980 a major program of sampling of radioactive zones was carried out by D.G. Leighton and Associates on behalf of a number of parties. It was the 1980 program which clarified the geological picture of the area and established the association of anomalous rare earth elements with radioactive zones.

No potentially economic concentrations of any elements were found as a result of the 1980 program. However, the focus of that program was for radioactive elements and the rare earth potential received only a cursory evaluation. Orientation surveys which might enable a cost-effective evaluation of the rare earth potential of the property were undertaken in conjunction with trenching of certain radioactive areas in the current program.

GEOLOGY

Regionally the geology is dominated by Paleozoic shales and carbonates with lesser quartzites, conglomerates and grits. The property is dominated by a variably compositioned Cretaceous (?) nepheline syenite. The syenite consists of a number of different colour and texture variations with assumed gradational contacts though only a few can be inferred. It would appear there may be a compositional zoning to the stock as opposed to it being a complex multi-phased intrusion. The syenite is enriched in



KID GROUP
1-8

BEAVER PROJECT

CLAIMS LOCATION
1:50,000

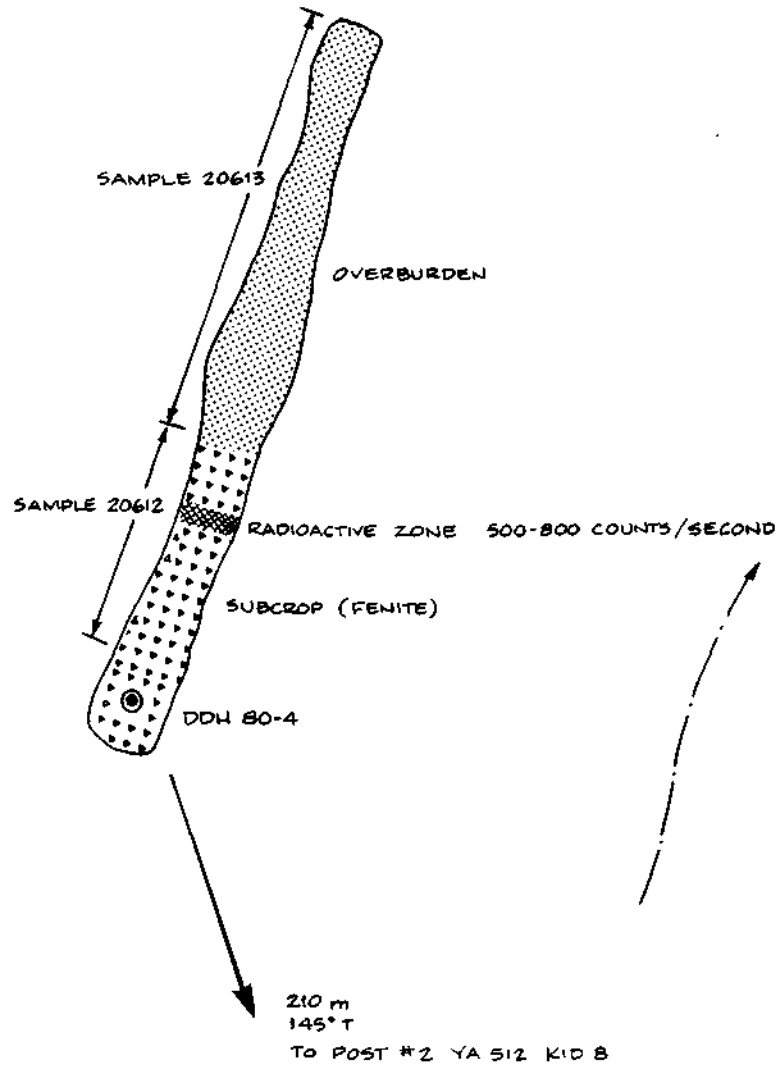
radioactive elements and rare earths. It has at least four distinct phases: fine to medium-grained red syenite, coarse megacrystic pink syenite, mauve medium to coarse-grained syenite, and medium-grained white syenite. The red and pink phases consist of 55% pink, potash feldspar, 25% light green sausseritized nephelise, 10% plagioclase with 5% accessory minerals. The mauve syenite contains less pink potash feldspar and nepheline while the white syenite contains less than 10% mafic minerals and a variety of felsic minerals including about 70% feldspar. Peripheral to the stock are thin-bedded, fault-blocked Proterozoic quartzites and siltstones occurring in about equal amounts on the Kid claims, within lesser dolomite on the northeast corner of Pyrochlore Dome. In places the sediments have been metasomatized to radioactive fenite which have anomalous concentrations of many elements. The fenites have a structurally controlled component and are quite variable in composition. The fenites display a gneissic banding and likely originated when the residual volatile-rich fraction of the syenite stock diffused through the sediments along structurally prepared zones.

TRENCHING

Four trenches totalling 40 m were excavated on the Beaver property during the recent program. Two in bed-rock while the other two uncovered subcrop and angular float. The trenches have been numbered in sequence with those previously excavated. The overburden-covered trenches were excavated using hand tools assisted by dynamite.

Trench 86-09

Located south of Copper Creek near the 1980 #4 drill hole, the trench is 18 m in length, 1 to 1.5 m wide and 0.5 to 1.0 m deep. The trench did not encounter bedrock but very angular subcrop is exposed at the southern end. Radioactive counts as high as 1500 counts per second were obtained from the trench.



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BEAVER PROJECT

TRENCH 9

091854

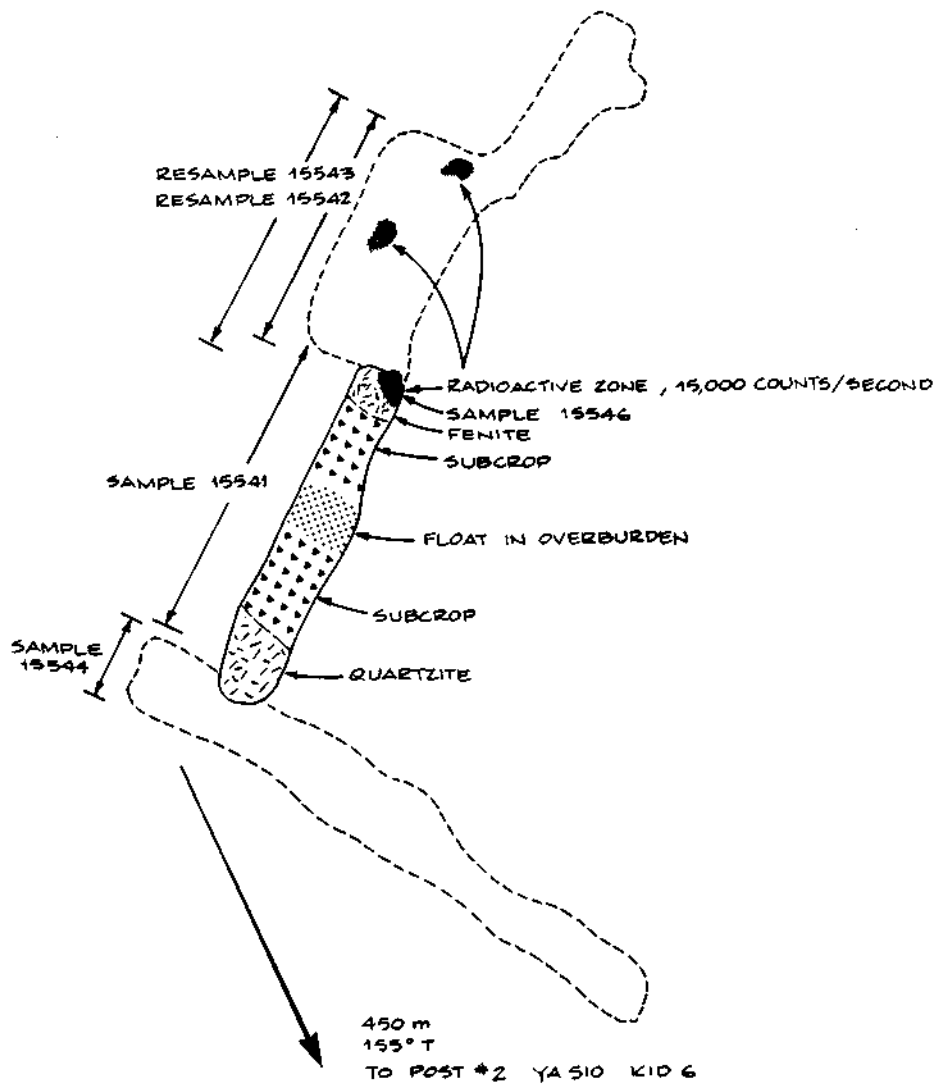
SCALE - 1:200


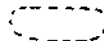
Drawn: WR

Date: July 1986

NTS: 95 C/5

C3001 8604



-  1986 TRENCH
-  1980 TRENCH

CONSOLIDATED SILVER STANDARD MINES LIMITED

BEAVER PROJECT

TRENCH 10

091854

SCALE - 1:200

Drawn: WR

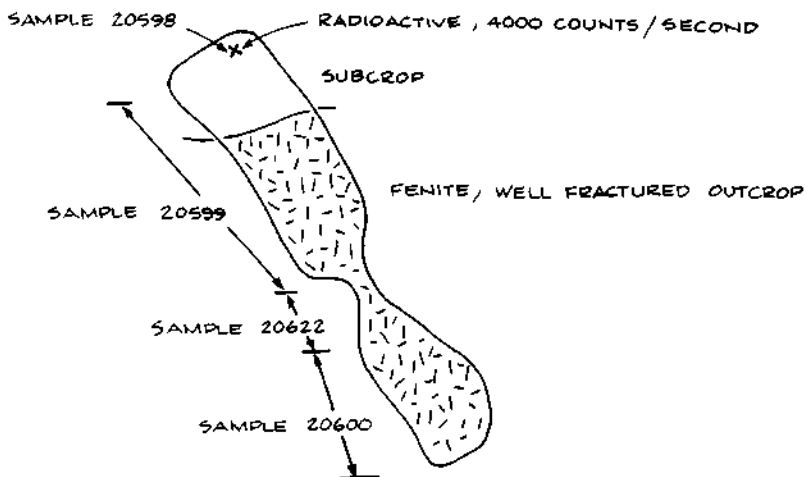
Date: July 1986

NTS: 95 C/5

C3001 8605



65 m @
045° T
TO POST #1 YA 90926 MGM 6



LINE 9 E

CONSOLIDATED SILVER STANDARD MINES LIMITED

BEAVER PROJECT

TRENCH 11

091854

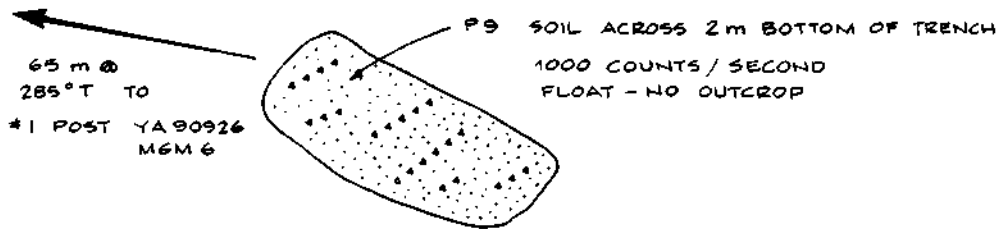
SCALE - 1: 100

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Date: July 1986

NTS: 95 C/5

C3001 8606



CONSOLIDATED SILVER STANDARD MINES LIMITED

BEAVER PROJECT

TRENCH 12

091854

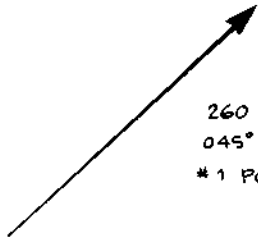
SCALE - 1:100

Drawn: WR

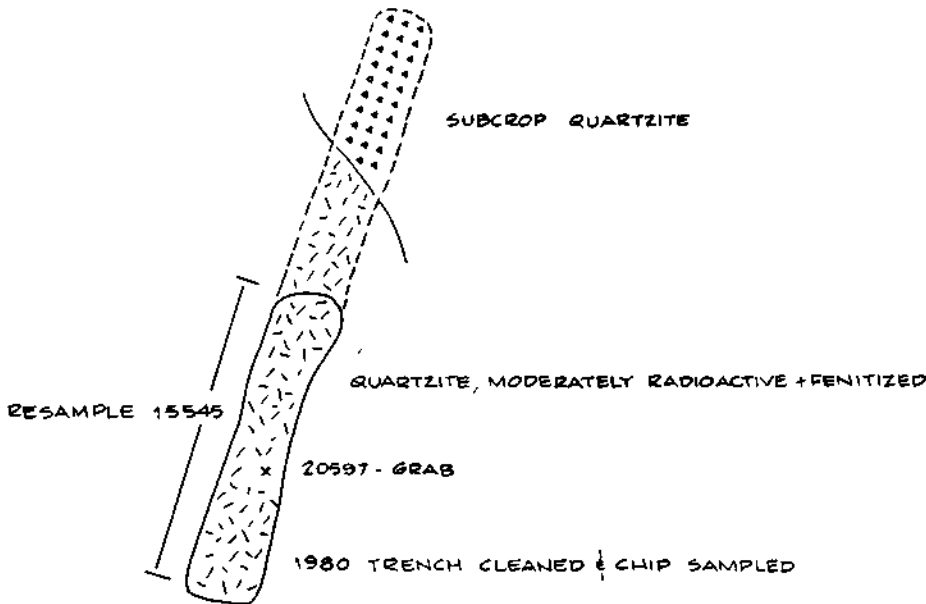
Date: July 1986

NTS: 95 C/5

C3001 8607



260 m @
045° T TO
*1 POST YA 90926 MGM 6



CONSOLIDATED SILVER STANDARD MINES LIMITED			
BEAVER PROJECT			
TRENCH 13			
091854			
SCALE - 1:100			
Drawn: WR	Date: July 1986	NTS: 95 C/5	C3001 8608

Trench 86-10

The Thor Pit is the area of the original 1976 discovery and exposed very high grade thorium mineralization. Four northwest trending trenches spaced approximately 10 m apart were excavated across the radioactive zone. In 1986, two readings greater than 15,000 counts per second were encountered between the Thor trench and the first to the south. A new 9 m trench was blasted between the two existing trenches over the anomalous readings. Trench 86-10 encountered moderately fenitized quartzite in outcrop and subcrop with minor siltstone float. Radioactivity varies from 500 to 15,000 counts per second. The old trenches were rehabilitated where required and chip sampled for rare earth elements.

Trench 86-11

A radioactive (4000 counts per second) outcrop northeast of the campsite was trenched. Less than 0.3 m² of outcrop was exposed prior to trenching. The trench exposed 70% outcrop, 20% subcrop and 10% float. Geologically, the trench contains slightly fenitized quartzo-feldspathic sediments and altered red syenite. The trench is in an area where samples containing greater than 1% rare earths were taken in the 1980 program.

Trench 86-12

A radioactive area (1000 counts per second) northeast of Trench 86-11 was discovered in 1986. Due to the apparent sympathetic relationship between radioactivity and rare-earths and the apparent enrichment of rare-earths in samples taken from Copper-Adin Ridge, the anomaly was trenched. Although the trench was excavated to a 1 meter depth it did not encounter any bedrock or subcrop. The float in the trench was largely syenite but not highly radioactive. Radioactive values were enhanced at the base of the trench so the source is still buried.

Trench 86-13

Excavated in 1980, this trench was rehabilitated and resampled for its rare earth content. Radioactive readings of 5000 counts per second in quartzite were encountered in the trench.

CONCLUSION

The 1986 trenching program in conjunction with exploration carried out on the MGM claims added to the existing mineral data base of the property and supports the view that the property warrants additional work.

On the Kid claims and, more specifically, at the Thor Pit additional trenching is warranted and a limited amount of shallow drilling should be undertaken. Neither this program nor the previous programs have been definitive in determining the extent of the high grade Thor pit mineralization. Its poddy nature makes it difficult to trace but the high value of the ore indicates that limited tonnage could be economic.

COST STATEMENT

Wages and Benefits \$ 482.00

R. Quartermain 1 day @ \$225.00/day = \$225.00
A. Potter 2 days @ \$128.50/day = \$257.00

Food and Accommodations \$ 199.50

Food \$650 @ 15% = \$ 97.50
Accommodations July 18th = \$102.00

Transportation \$ 1570.64

Men & Equipment to camp, 2.6 hours
at \$546.40 (apportioned) = \$1420.64
Equipment via floats to camp 15% x \$800 = \$ 120.00
Men & Equipment transportation
to Watson Lake (apportioned) = \$ 30.00

Equipment \$ 125.00

Dynamite \$125.00

Sample Analysis \$ 780.00

13 samples at \$60.00 sample = \$780.00
(analysis 14 REE)

Report Preparation \$ 395.00

R. Quartermain 1 day report writing
in Watson Lake @ \$225.00/day = \$225.00
Drafting for maps and prints \$150.00
Typing \$ 20.00

\$ 3552.14
=====

I, ROBERT A. QUARTERMAIN, certify that the Cost Statement on page 6 of this report is an accurate reflection of apportioned amounts of invoices received and estimated costs directly attributable to the trenching program carried out on the Kid and MGM Claims during July, 1986.

DATED this 1 day of August, 1986.

A handwritten signature in cursive script, appearing to read "R. Quartermain", is written over a horizontal line.

Robert A. Quartermain

STATEMENT OF AUTHOR'S QUALIFICATIONS

I, Robert Allan Quartermain, of 2303 - 1600-D Beach Avenue, Vancouver, British Columbia, do hereby certify that:

I am a graduate of the University of New Brunswick (BSc, 1977).

I am a graduate of Queen's University (MSc, 1981).

I am a member of the Geological Association of Canada.

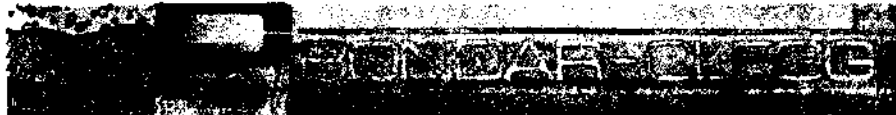
I have been practising my profession as a field geologist since 1977, employed by Canadian and American mining companies involved in the exploration for and development of mineral deposits.


R.A. Quartermain

APPENDIX I

ANALYTICAL RESULTS

Bondar-Clay & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 Canada V7P 2R5
 Phone: (604) 985-0581
 Telex: 04-352667



Geochemical
 Lab Report

REPORT: 126-3011 (COMPLETE)

REFERENCE INFO:

CLIENT: CONSOLIDATED SILVER STANDARD
 PROJECT: C3001

SUBMITTED BY: UNKNOWN
 DATE PRINTED: 18-SEP-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ce Cerium	116	5 PPM		IND. NEUTRON ACTIV.
2	Dy Dysprosium	116	1 PPM		IND. NEUTRON ACTIV.
3	Er Erbium	116	100 PPM		IND. NEUTRON ACTIV.
4	Eu Europium	116	1 PPM		IND. NEUTRON ACTIV.
5	Gd Gadolinium	116	200 PPM		IND. NEUTRON ACTIV.
6	Hf Holmium	116	1 PPM		IND. NEUTRON ACTIV.
7	La Lanthanum	116	0.5 PPM		IND. NEUTRON ACTIV.
8	Lu Lutetium	116	0.1 PPM		IND. NEUTRON ACTIV.
9	Nd Neodymium	116	10 PPM		IND. NEUTRON ACTIV.
10	Pr Praseodymium	116	50 PPM		IND. NEUTRON ACTIV.
11	Sc Scandium	116	0.05 PPM		IND. NEUTRON ACTIV.
12	Sm Samarium	116	0.1 PPM		IND. NEUTRON ACTIV.
13	Tb Terbium	116	1 PPM		IND. NEUTRON ACTIV.
14	Th Thorium	116	0.5 PPM		IND. NEUTRON ACTIV.
15	Tm Thulium	116	0.5 PPM		IND. NEUTRON ACTIV.
16	Yb Ytterbium	116	0.5 PPM		IND. NEUTRON ACTIV.
17	U Uranium	116	1 PPM		IND. NEUTRON ACTIV.
18	Y Yttrium	116	5 PPM		X-RAY Fluorescence
19	Li Lithium	116	1 PPM	MULT ACID TOT DIG	D.C. Plasma
20	Sr Strontium	116	5 PPM	MULT ACID TOT DIG	D.C. Plasma
21	Be Beryllium	116	1 PPM	MULT ACID TOT DIG	D.C. Plasma
22	Nb Niobium	116	1 PPM	MULT ACID TOT DIG	D.C. Plasma
23	Rb Rubidium	116	8 PPM	MULT ACID TOT DIG	D.C. Plasma
24	Ta Tantalum	116	8 PPM	MULT ACID TOT DIG	D.C. Plasma



Bender-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 983-0681
Telex: 04-352667



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SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	110	2 -150	116	CRUSH, PULVERIZE -150	116
D DRILL CORE	6				

NOTES: = indicates SEE OBS REMARKS

REMARKS: = INTERFERENCE NOTED.

REPORT COPIES TO: MR. B QUARTERMAIN
MR. D LAYTON

INVOICE TO: MR. B QUARTERMAIN

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PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Ce PPM	Dy PPM	Er PPM	Eu PPM	Gd PPM	Ho PPM	La PPM	Lu PPM	Nd PPM	Pr PPM	Sc PPM	Sr PPM
R2 15541		67	4	<100	<1	<200	<1	46.1	0.4	23	<50	1.99	3.7
R2 15542		195	9	<100	2	<200	2	141.0	1.0	55	<50	0.70	8.5
R2 15543		3470=	132=	<230=	37=	<850=	22=	>2000.0=	14.7=	1070=	<160=	3.10=	190.0=
R2 15544		277	16	<100	5	<200	3	140.0	1.3	77	<50	0.63	17.1
R2 15545		157	15	<100	3	<220	3	96.3	4.1	34	<61	2.54	8.9
R2 15546		2320=	300	<380	54	<1600	30	900.0	59.3	1460	210	6.07	130.0
R2 15547		3100=	750	<290	140	<1900	85	>2000.0	100.0	1100	<800	5.20	610.0
R2 15548		161	7	<100	2	<230	1	99.1	0.7	53	<71	0.21	7.2
R2 15549		320=	28	<100	6	<250	5	120.0	2.0	197	<50	0.60	21.0
R2 20551		660	16	<100	4	<340	3	592.0	1.4	144	110	1.91	22.4
R2 20552		819	22	<110	5	<370	4	667.0	1.8	186	<92	2.81	28.8
R2 20553		212	5	<110	1	<300	<1	185.0	0.5	36	<73	2.30	8.2
R2 20554		203	7	<100	2	<240	2	175.0	0.5	45	<71	0.89	5.8
R2 20555		257	10	<100	2	<300	3	194.0	1.0	43	<77	0.70	6.1
R2 20556		2130	87	<120	28	<540	11	1480.0	4.0	530	<130	6.95	109.0
R2 20557		174	4	<100	1	<200	<1	120.0	0.3	35	<57	0.46	5.5
R2 20558		669	15	<110	5	<370	3	541.0	1.4	129	<95	1.19	20.5
R2 20559		639	5	<100	2	<310	2	608.0	1.7	111	<78	5.27	11.2
R2 20560		878	8	<100	3	<340	2	846.0	2.1	153	<85	5.02	16.2
R2 20561		134	5	<100	1	<240	<1	127.0	0.3	18	<69	1.03	3.5
R2 20562		743	14	<100	3	<320	3	468.0	1.5	110	<85	1.37	13.9
R2 20563		99	3	<110	<1	<240	<1	73.6	0.3	18	<73	0.89	2.0
R2 20564		156	3	<100	<1	<250	<1	125.0	0.5	26	<75	1.32	3.5
R2 20565		220	2	<100	1	<370	2	184.0	0.3	38	<78	1.01	3.5
R2 20566		371	18	<110	3	<310	3	294.0	1.9	78	<86	1.81	13.9
R2 20567		343	12	<120	2	<300	2	246.0	1.2	59	<86	1.35	11.6
R2 20568		262	10	<110	3	<310	1	209.0	1.1	50	<89	1.13	9.1
R2 20569		12500=	248	<140	106	<3600	20	>2000.0	7.9	3240	<820	8.30	460.0
R2 20570		358	10	<110	4	<290	2	241.0	1.0	89	<80	0.29	16.1
R2 20571		161	9	<100	2	<210	1	91.8	0.6	60	<58	15.60	10.7
R2 20572		459	8	<100	3	<500	3	306.0	0.6	92	<100	0.52	13.0
R2 20573		225	8	<100	2	<220	1	137.0	0.7	49	<62	0.58	7.6
R2 20574		819	25	<100	6	<400	4	597.0	2.3	170	<110	0.53	27.1
R2 20575		508	17	<110	5	<590	4	308.0	1.9	128	<110	0.24	20.8
R2 20576		135	6	<100	2	<200	1	89.5	0.5	36	<54	0.34	7.4
R2 77		403	19	<100	5	<240	4	207.0	1.9	81	<63	0.33	17.8
R2 20578		424	11	<100	3	<330	1	302.0	1.1	81	<93	11.50	11.8
R2 20579		103	4	<100	<1	<200	<1	78.2	0.5	20	<50	0.70	3.7
R2 20580		68	2	<100	<1	<240	<1	37.2	0.2	10	<76	0.39	2.3
R2 20581		8300=	685	300	165	<3000	100	>2000.0	<20.0	4400	420	2.00	715.0

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PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Tb PPM	Th PPM	Tm PPM	Yb PPM	U PPM	Y PPM	Li PPM	Sr PPM	Be PPM	Nb PPM	Rb PPM	Ta PPM
R2 15541		<1	28.3	<0.5	3.6	2	8	3	7	12	13	9	9
R2 15542		1	105.0	1.5	8.8	3	57	4	6	35	51	8	<8
R2 15543		18=	>2000.0=	<60.0=	100.0=	<9=	1100	155	55	725	185	20	30
R2 15544		2	119.0	1.7	11.9	2	105	6	7	32	11	<8	<8
R2 15545		2	457.0	2.9	29.5	10	60=	24	70	32	274	13	18
R2 15546		26	>2000.0	<360.0	340.0	17=	1900=	221	90	3014	81	50	48
R2 15547		70	>2000.0	<260.0	600.0	190=	3700=	235	49	1561	275	<8	128
R2 15548		1	275.0	1.6	5.9	6	62	16	428	15	125	105	15
R2 15549		3	>2000.0	16.3	25.3	10=	190=	50	198	31	176	116	9
R2 20551		2	156.0	1.5	13.9	10	100=	42	36	29	331	147	20
R2 20552		3	742.0	4.0	20.0	17	160=	61	32	25	568	137	29
R2 20553		<1	71.3	<0.8	3.9	10	40=	137	25	15	303	150	27
R2 20554		<1	156.0	1.3	5.0	27	50	57	108	6	486	80	58
R2 20555		1	57.3	1.1	8.5	31	55=	75	63	8	698	107	53
R2 20556		12	277.0	6.1	36.5	<4	518	15	53	15	144	53	24
R2 20557		<1	38.3	<0.6	2.7	6	29	72	225	18	235	122	<8
R2 20558		2	189.0	1.5	11.4	22	110=	39	47	18	549	111	44
R2 20559		<1	99.1	1.0	12.0	8	62	73	50	16	281	127	21
R2 20560		1	163.0	1.5	15.8	10	86	69	46	18	410	97	<8
R2 20561		<1	56.3	0.7	3.7	4	36	71	24	9	125	131	<8
R2 20562		1	95.9	1.6	12.8	9	90=	70	22	32	240	97	<8
R2 20563		<1	18.5	<0.6	1.8	14	12	57	101	8	221	71	22
R2 20564		<1	34.3	<0.8	3.7	18=	25	51	93	7	310	77	28
R2 20565		<1	20.7	<0.9	2.5	48	8	36	99	8	463	65	57
R2 20566		2	37.9	1.7	16.9	16	100=	69	86	8	478	54	43
R2 20567		1	25.2	1.4	10.3	<2	75	94	47	14	170	72	26
R2 20568		1	23.8	0.8	9.8	4	65	92	40	11	155	76	<8
R2 20569		29	>2000.0	<94.0	80.0	<18	1100	82	138	5	219	<8	36
R2 20570		2	75.3	1.2	9.3	14	82	657	1459	8	200	118	13
R2 20571		<1	97.2	1.3	5.3	5	36	16	223	5	43	99	<8
R2 20572		1	45.5	1.1	5.6	39	53	46	28	3	355	16	11
R2 20573		<1	41.6	1.1	5.1	10	48	118	251	11	261	109	13
R2 20574		2	63.5	2.0	18.5	11	160=	48	855	10	288	131	25
R2 20575		3	93.9	1.3	15.0	41	130=	20	786	21	561	110	46
R2 20576		<1	21.7	0.7	4.4	3	43	95	428	6	90	113	29
R2 20577		2	42.7	1.0	16.0	7	135	134	493	6	144	117	34
R2 20578		1	77.3	1.2	7.9	<2	53	18	42	40	61	48	18
R2 20579		<1	49.8	<0.6	4.3	4	28	82	10	9	105	94	18
R2 20580		<1	14.0	<0.5	1.6	2	<5	30	22	5	87	92	25
R2 20581		95	>2000.0	<400.0	340.0	420=	4000=	271	21	7	42	<8	124

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R2 20582		2	449.0	2.5	7.2	4	130	15	13	2	120	91	19
R2 20583		27	>2000.0	<140.0	87.0	<10=	1200	44	309	75	25	10	29
R2 20584		2	95.4	1.4	12.2	7	130	119	193	9	147	96	39
R2 20585		<1	457.0	3.0	9.0	6	79	19	52	5	94	112	26
R2 20586		<1	39.0	<0.5	1.5	12	22	68	350	10	106	97	<8
R2 20587		1	125.0	1.1	5.5	6	70	98	621	14	136	111	38
R2 20588		1	52.1	1.1	5.3	7	58	129	724	5	187	73	<8
R2 20589		<1	182.0	1.1	3.4	9	42	64	59	6	219	188	17
R2 20590		1	38.4	<0.9	4.8	14	73	65	135	10	370	162	35
R2 20591		45	>2000.0	37.9	114.0	<15=	1300	46	109	34	81	28	16
R2 20592		7	672.0	11.0	62.6	8	250=	<1	14	4	429	148	14
R2 20593		2	45.4	0.8	7.9	13	71	128	86	7	177	98	<8
R2 20594		3	204.0	2.8	11.9	17	115	138	279	10	262	68	14
R2 20595		6	285.0	5.0	34.1	25	270=	208	138	13	1202	185	42
R2 20596		<1	78.5	<0.8	4.5	11	59	<1	10	8	182	131	<8
R2 20597		2	82.8	<2.4	10.7	718	65=	183	20	9	1383	48	94
R2 20598		2	511.0	4.1	14.2	18	135	52	65	28	199	60	19
R2 20599		7	>2000.0	21.5	45.9	6=	340	271	239	54	225	57	24
R2 20600		4	1220.0	9.5	23.8	10	210	197	133	131	243	83	<8
R2 20601		<1	15.3	<0.6	3.9	5	30	34	17	4	33	67	<8
R2 20602		<1	14.8	0.7	4.3	6	33	34	21	4	40	53	12
R2 20603		1	17.0	<0.7	4.7	6	41	38	24	4	60	58	<8
R2 20604		<1	7.8	<0.6	2.4	5	<5	34	<5	3	22	11	13
R2 20605		2	22.7	1.0	5.4	4	52	23	<5	5	21	64	11
R2 20606		1	12.1	0.7	4.2	11	26	51	81	7	37	87	<8
R2 20607		3	80.0	2.6	11.3	27	160	39	18	7	420	110	31
R2 20608		5	79.0	3.1	16.7	25	160=	64	48	11	537	116	39
R2 20609		1	13.5	0.7	3.4	3	37	33	8	3	19	62	17
R2 20610		1	82.6	1.1	4.3	21	70	231	142	14	556	132	39
R2 20611		2	85.7	1.9	7.4	9	60=	252	126	23	448	160	28
R2 20612		3	477.0	3.8	8.6	12	110=	404	237	70	452	159	27
R2 20613		2	109.0	1.2	8.0	37	95=	195	84	12	810	106	51
R2 20614		4	494.0	5.4	30.6	25	280=	173	158	11	915	94	60
R2 20615		4	508.0	4.5	18.3	17	210=	293	178	50	646	140	28
R2 20616		<1	8.9	<0.6	2.8	2	23	18	65	4	26	33	26
R2 20617		<1	17.5	0.7	3.5	5	20	15	66	5	31	23	<8
R2 20618		1	6.6	0.7	3.3	1	13	66	55	3	21	18	13
R2 20619		3	209.0	2.5	17.7	29	160=	112	533	21	634	48	44
R2 20620		3	225.0	3.1	15.9	14	150=	236	759	30	499	83	40
R2 20621		1	138.0	1.6	6.8	81	52	19	137	17	163	82	19

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R2 20582		85	21	<100	4	<200	3	50.9	0.6	30	<50	0.20	7.5
R2 20583		2470=	256	<120	33	<1900	42	1680.0	8.7	1250	310	7.75	160.0
R2 20584		431	19	<100	5	<240	3	287.0	1.4	113	<59	0.41	18.8
R2 20585		332	10	<100	3	<240	2	249.0	1.0	74	<58	0.23	9.8
R2 20586		151	4	<100	1	<280	<1	116.0	<0.1	37	<84	<0.05	4.3
R2 20587		314	11	<100	3	<260	2	216.0	0.6	82	<67	0.20	12.5
R2 20588		397	11	<100	3	<250	1	247.0	0.7	88	<67	0.43	12.3
R2 20589		462	6	<100	2	<280	<1	336.0	0.2	111	<74	1.54	10.5
R2 20590		244	8	<100	3	<380	2	170.0	0.5	56	<61	0.31	8.7
R2 20591		15300=	247	<150	136	<4000	21	>2000.0	14.2	6030	<1000	10.50	750.0
R2 20592		4680	50	<100	28	<860	5	>2000.0	9.4	1100	<190	6.82	105.0
R2 20593		361	10	<100	3	<240	2	247.0	0.9	99	<52	6.43	13.2
R2 20594		1060	20	<100	9	<400	3	598.0	1.3	346	<98	1.10	44.2
R2 20595		2980	49	<130	14	<790	8	>2000.0	4.0	632	<190	4.31	73.2
R2 20596		313	4	<100	1	<300	<1	264.0	0.5	52	<69	1.27	5.1
R2 20597		516	7	<100	2	<790	4	290.0	1.6	125	<91	0.99	9.3
R2 20598		731	21	<100	3	<450	3	568.0	1.7	167	<93	1.10	19.8
R2 20599		1320=	58	<110	11	<530	8	795.0	5.0	484	<110	3.30	44.4
R2 20600		814	34	<100	7	<400	6	499.0	2.8	262	<93	7.48	29.3
R2 20601		90	7	<100	1	<200	1	50.9	0.5	37	<50	17.40	6.6
R2 20602		104	8	<100	1	<200	1	52.7	0.7	39	<50	22.20	7.2
R2 20603		164	8	<100	2	<240	<1	95.6	0.8	61	<50	19.40	10.5
R2 20604		10	6	<100	<1	<240	<1	5.6	0.3	<10	<50	14.60	2.4
R2 20605		123	10	<100	2	<230	2	74.9	0.7	52	<50	24.60	10.2
R2 20606		91	9	<100	2	<310	2	54.8	0.5	35	<50	23.60	7.0
R2 20607		729	26	<100	6	<370	4	406.0	1.5	200	<82	2.22	24.1
R2 20608		981	36	<100	7	<480	6	673.0	1.9	255	<99	3.39	33.8
R2 20609		95	8	<100	2	<210	<1	50.7	0.5	45	<50	22.40	7.0
R2 20610		483	8	<100	3	<380	2	356.0	0.5	113	<90	0.72	11.8
R2 20611		593	13	<100	3	<430	2	509.0	0.9	121	<98	0.79	11.9
R2 20612		1140	15	<100	6	<570	3	841.0	0.7	262	120	14.70	28.1
R2 20613		574	11	<100	3	<490	5	454.0	0.9	111	<98	8.00	12.9
R2 20614		2660	30	<100	8	<900	6	1960.0	3.4	519	<200	6.90	50.5
R2 20615		1330	25	<110	6	<660	5	1050.0	2.1	272	<150	7.97	32.4
R2 20616		51	4	<100	2	<270	<1	24.9	0.5	21	<55	25.00	6.6
R2 20617		88	8	<100	2	<260	1	48.8	0.4	38	<50	21.20	7.9
R2 20618		45	6	<100	2	<250	<1	21.3	0.5	24	<50	24.50	5.5
R2 20619		1030	19	<100	5	<930	5	835.0	2.2	209	<150	8.29	24.3
R2 20620		1290	21	<110	6	<680	4	926.0	1.9	287	<150	16.30	32.1
R2 20621		433	9	<100	2	<450	2	266.0	0.9	118	<110	1.75	13.1

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R2 20622		1120	104	<100	16	<790	16	685.0	5.1	748	<120	4.91	65.8
R2 20623		3680	64	<120	17	<760	9	>2000.0	6.5	669	<190	4.28	83.1
R2 20624		572	5	<120	2	<340	1	541.0	0.4	100	<94	10.20	9.5
R2 20625		687	12	<110	2	<390	2	734.0	1.7	100	<91	12.80	10.2
R2 20626		730	17	<110	4	<280	3	594.0	2.6	149	<67	1.06	21.8
R2 20627		1150	36	<100	4	<420	6	994.0	4.7	210	<110	1.06	26.3
R2 20628		156	5	<100	1	<250	<1	186.0	<0.3	39	<69	27.90	4.7
R2 20629		389	33	<100	5	<220	6	242.0	4.4	79	<57	0.46	15.8
R2 20630		230	6	<100	2	<200	<1	139.0	0.4	47	<56	0.41	6.2
R2 20631		196	23	<100	4	<200	4	112.0	2.0	66	<50	1.00	11.5
R2 20632		378	9	<100	<1	<290	2	204.0	1.3	70	<86	0.91	9.6
R2 20633		337	7	<100	2	<260	<1	217.0	0.5	88	<76	1.11	10.6
R2 20634		149	60	<100	3	<200	16	69.5	11.4	49	<50	4.81	6.9
R2 20635		504=	911	1600	32	<1000	185	120.0	289.0	<500	<130	80.10	10.1
R2 20636		276	5	<100	2	<260	1	210.0	0.8	63	<77	0.91	6.9
R2 20637		425	37	<100	4	<260	9	250.0	8.3	102	<68	2.53	15.8
R2 20638		56	5	<100	<1	<210	<1	43.3	0.4	11	<64	0.66	1.8
R2 20639		349	13	<100	3	<240	2	216.0	1.2	88	<67	0.40	13.9
R2 20640		218	6	<100	2	<200	1	152.0	0.5	45	<50	0.72	8.3
R2 20641		73	4	<100	<1	<200	<1	48.3	0.6	15	<50	1.43	2.9
R2 20642		105	6	<100	<1	<230	<1	90.0	0.3	19	<66	0.86	2.7
R2 20643		227	6	<100	2	<220	<1	150.0	0.4	65	<62	0.71	8.8
R2 20644		277	10	<100	3	<270	1	196.0	0.9	57	<72	13.10	11.4
R2 20645		186	5	<100	1	<220	<1	104.0	0.4	40	<66	0.52	5.5
R2 20646		552	90	<100	10	<340	15	259.0	6.7	198	<77	7.38	40.8
R2 20647		415	8	<100	1	<300	1	364.0	1.1	64	<81	1.20	6.9
R2 20648		567	8	<100	2	<330	2	481.0	1.6	113	<85	5.50	12.5
R2 20649		294	13	<100	3	<280	2	215.0	0.6	69	<80	0.38	10.7
R2 20650		395	16	<120	4	<350	2	267.0	0.7	113	<100	0.29	20.1
R2 NO NUMBER		669	9	<100	3	<420	2	414.0	0.9	129	<100	0.50	13.2
D2 15535		612	16	<100	3	<340	2	419.0	1.1	98	<84	2.61	13.2
D2 15536		23	2	<100	<1	<200	<1	17.5	0.4	<10	<50	0.51	1.5
D2 15537		438	20	<100	3	<340	3	311.0	1.7	115	<91	3.49	23.0
D2 15538		245	8	<100	2	<230	<1	169.0	0.6	62	<58	11.80	9.8
D2 15539		196	10	<100	2	<210	<1	121.0	0.5	54	<54	9.86	8.5
D2 40		124	3	<100	<1	<250	1	86.3	0.2	33	<69	1.83	3.4

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R2 20622		11	>2000.0	74.0	72.2	25=	780=	98	45	714	202	42	37
R2 20623		10	384.0	7.5	51.5	23	520=	154	131	17	1010	139	74
R2 20624		<1	486.0	1.9	5.2	7	70=	111	58	44	359	122	<8
R2 20625		2	756.0	3.8	13.4	11	140=	196	203	189	818	110	13
R2 20626		2	55.3	2.4	18.9	11	120=	7	361	3	378	64	24
R2 20627		4	625.0	5.4	36.8	30	260=	16	46	298	835	30	79
R2 20628		<1	565.0	2.3	3.1	<2	42	426	436	100	326	160	<8
R2 20629		3	268.0	4.8	34.1	18	230=	2	36	3	453	60	39
R2 20630		<1	33.6	<0.6	3.2	<2	31	149	415	7	75	67	27
R2 20631		3	296.0	3.7	15.8	3	195	71	109	20	130	117	14
R2 20632		1	138.0	1.4	8.9	31	74	<1	33	8	208	32	33
R2 20633		<1	58.0	<0.7	3.9	15	39	20	88	6	116	30	18
R2 20634		4	732.0	12.3	88.5	30	1100	60	117	15	170	124	9
R2 20635		55	>2000.0	240.0	>2000.0	610=	10000	20	25	37	1234	20	<8
R2 20636		<1	117.0	0.8	6.2	8	57	14	64	11	140	81	20
R2 20637		3	477.0	8.5	60.8	20	410=	98	626	9	113	61	30
R2 20638		<1	22.1	<0.7	2.2	7	8	49	164	9	204	81	30
R2 20639		2	46.2	1.1	7.8	12	77	128	182	10	265	96	19
R2 20640		<1	51.4	<0.7	3.6	15	32	107	142	12	274	78	26
R2 20641		<1	35.7	0.8	3.9	7	39	137	59	13	161	84	21
R2 20642		<1	26.5	0.7	1.9	19	18	70	92	11	226	75	43
R2 20643		<1	20.7	<0.6	2.8	4	18	41	186	7	88	67	14
R2 20644		1	51.6	0.9	4.8	8	57	37	133	13	134	59	35
R2 20645		<1	26.8	<0.6	3.0	4	24	4	169	5	81	50	<8
R2 20646		9	1650.0	15.7	62.8	34	550=	78	37	30	683	80	42
R2 20647		<1	95.3	<0.9	6.8	11	72	12	23	8	229	62	19
R2 20648		<1	380.0	2.7	12.0	9	79	109	64	27	274	75	37
R2 20649		<1	40.7	<0.8	5.0	13	45	82	631	8	268	30	45
R2 20650		2	44.5	1.3	6.6	7	70	53	440	13	170	72	21
R2 NO NUMBER		1	55.3	<1.9	5.3	36	66	57	50	9	1226	45	105
D2 15535		<1	93.2	<1.2	7.8	13	65=	169	279	19	511	85	31
D2 15536		<1	13.4	<0.5	2.3	<1	6	6	<5	4	11	<8	<8
D2 15537		3	82.2	1.6	11.9	12	115	39	133	22	214	51	30
D2 15538		1	27.7	0.7	3.6	<2	36	26	73	9	16	50	12
D2 15539		<1	32.7	0.9	3.8	3	43	29	64	8	33	57	10
D2 15540		<1	31.2	<0.8	1.2	26	12	72	82	8	270	74	46

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R2 15541	TRIS	67	4	<100	<1	<200	<1	46.1	0.4	23	<50	1.99	3.7
R2 15542	TRIS	195	9	<100	2	<200	2	141.0	1.0	55	<50	0.70	8.5
R2 15543	TRIS	3470=	132=	<230=	37=	<850=	22=	>2000.0=	14.7=	1070=	<160=	3.10=	190.0=
R2 15544	TRIS	277	16	<100	5	<200	3	140.0	1.3	77	<50	0.63	17.1
R2 15545		157	15	<100	3	<220	3	96.3	4.1	34	<61	2.54	8.9
R2 15546	TRIS	2320=	300	<380	54	<1600	30	900.0	59.3	1460	210	6.07	130.0
R2 15547		3100=	750	<290	140	<1900	85	>2000.0	100.0	1100	<800	5.20	610.0
R2 15548		161	7	<100	2	<230	1	99.1	0.7	53	<71	0.21	7.2
R2 15549		320=	28	<100	6	<250	5	120.0	2.0	197	<50	0.60	21.0
R2 20551		660	16	<100	4	<340	3	592.0	1.4	144	110	1.91	22.4
R2 20552		819	22	<110	5	<370	4	667.0	1.8	186	<92	2.82	28.8
R2 20553		212	5	<110	1	<300	<1	185.0	0.5	36	<73	2.26	6.6
R2 20554		203	7	<100	2	<240	2	175.0	0.5	45	<71	0.89	9.6
R2 20555		257	10	<100	2	<300	3	194.0	1.0	43	<77	0.70	6.1
R2 20556		2130	87	<120	28	<540	11	1480.0	4.0	530	<130	6.95	109.0
R2 20557		174	4	<100	1	<200	<1	120.0	0.3	35	<57	0.46	5.5
R2 20558		669	15	<110	5	<370	3	541.0	1.4	129	<95	1.19	20.5
R2 20559		639	5	<100	2	<310	2	608.0	1.7	111	<78	5.27	11.2
R2 20560		878	8	<100	3	<340	2	846.0	2.1	153	<85	5.02	16.2
R2 20561		134	5	<100	1	<240	<1	127.0	0.3	18	<69	1.03	3.5
R2 20562		743	14	<100	3	<320	3	468.0	1.5	110	<85	1.37	13.9
R2 20563		99	3	<110	<1	<240	<1	73.6	0.3	18	<73	0.89	2.0
R2 20564		156	3	<100	<1	<250	<1	125.0	0.5	26	<75	1.32	3.5
R2 20565		220	2	<100	1	<370	2	184.0	0.3	38	<78	1.01	3.5
R2 20566		371	18	<110	3	<310	3	294.0	1.9	78	<86	1.81	13.9
R2 20567		343	12	<120	2	<300	2	246.0	1.2	59	<86	1.35	11.6
R2 20568		262	10	<110	3	<310	1	209.0	1.1	50	<89	1.13	9.1
R2 20569		12500=	248	<140	106	<3600	20	>2000.0	7.9	3240	<820	8.30	460.0
R2 20570		358	10	<110	4	<290	2	241.0	1.0	89	<80	0.29	16.1
R2 20571		161	9	<100	2	<210	1	91.8	0.6	60	<58	15.60	10.7
R2 20572		459	8	<100	3	<500	3	306.0	0.6	92	<100	0.52	13.0
R2 20573		225	8	<100	2	<220	1	137.0	0.7	49	<62	0.58	7.6
R2 20574		819	25	<100	6	<400	4	597.0	2.3	170	<110	0.53	27.1
R2 20575		508	17	<110	5	<590	4	308.0	1.9	128	<110	0.24	20.8
R2 20576		135	6	<100	2	<200	1	89.5	0.5	36	<54	0.34	7.4
R2 20577		403	19	<100	5	<240	4	207.0	1.9	81	<63	0.33	17.8
R2 20578		424	11	<100	3	<330	1	302.0	1.1	81	<93	11.50	11.8
R2 20579		103	4	<100	<1	<200	<1	78.2	0.5	20	<50	0.70	3.7
R2 20580		68	2	<100	<1	<240	<1	37.2	0.2	10	<76	0.39	2.3
R2 20581		8300=	685	300	165	<3000	100	>2000.0	<20.0	4400	420	2.00	715.0

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SAMPLE NUMBER	ELEMENT UNITS	Tb PPM	Th PPM	Tm PPM	Yb PPM	U PPM	Y PPM	Li PPM	Sr PPM	Be PPM	Nb PPM	Rb PPM	Ta PPM
R2 15541		<1	28.3	<0.5	3.6	2	8	3	7	12	13	9	9
R2 15542		1	105.0	1.5	8.8	3	57	4	6	35	51	8	<8
R2 15543		18=	>2000.0=	<60.0=	100.0=	<9=	1100	155	55	725	185	20	30
R2 15544		2	119.0	1.7	11.9	2	105	6	7	32	11	<8	<8
R2 15545		2	457.0	2.9	29.5	10	60=	24	70	32	274	13	18
R2 15546		26	>2000.0	<360.0	340.0	17=	1900=	221	90	3014	81	50	48
R2 15547		70	>2000.0	<260.0	600.0	190=	3700=	235	49	1561	275	<8	128
R2 15548		1	275.0	1.6	5.9	6	62	16	428	15	125	105	15
R2 15549		3	>2000.0	16.3	25.3	10=	190=	50	198	31	176	116	9
R2 20551		2	156.0	1.5	13.9	10	100=	42	36	29	331	147	20
R2 20552		3	742.0	4.0	20.0	17	160=	61	32	25	568	137	29
R2 20553		<1	71.3	<0.8	3.9	10	40=	137	25	15	303	158	27
R2 20554		<1	156.0	1.3	5.0	27	50	57	108	6	486	88	58
R2 20555		1	57.3	1.1	8.5	31	55=	75	63	8	698	107	53
R2 20556		12	277.0	6.1	36.5	<4	518	15	53	15	144	53	24
R2 20557		<1	38.3	<0.6	2.7	6	29	72	225	18	235	122	<8
R2 20558		2	189.0	1.5	11.4	22	110=	39	47	18	549	111	44
R2 20559		<1	99.1	1.0	12.0	8	62	73	50	16	281	127	21
R2 20560		1	163.0	1.5	15.8	10	86	69	46	18	410	97	<8
R2 20561		<1	56.3	0.7	3.7	4	36	71	24	9	125	131	<8
R2 20562		1	95.9	1.6	12.8	9	90=	70	22	32	240	97	<8
R2 20563		<1	18.5	<0.6	1.8	14	12	57	101	8	221	71	22
R2 20564		<1	34.3	<0.8	3.7	18=	25	51	93	7	310	77	28
R2 20565		<1	20.7	<0.9	2.5	48	8	36	99	8	463	65	57
R2 20566		2	37.9	1.7	16.9	16	100=	69	86	8	478	54	43
R2 20567		1	25.2	1.4	10.3	<2	75	94	47	14	170	72	26
R2 20568		1	23.8	0.8	9.8	4	65	92	40	11	155	76	<8
R2 20569		29	>2000.0	<94.0	80.0	<18	1100	82	138	5	219	<8	36
R2 20570		2	75.3	1.2	9.3	14	82	657	1459	8	200	118	13
R2 20571		<1	97.2	1.3	5.3	5	36	16	223	5	43	99	<8
R2 20572		1	45.5	1.1	5.6	39	53	46	28	3	355	16	11
R2 20573		<1	41.6	1.1	5.1	10	48	118	251	11	261	109	13
R2 20574		2	63.5	2.0	18.5	11	160=	48	855	10	288	131	25
R2 20575		3	93.9	1.3	15.0	41	130=	20	786	21	561	110	46
R2 20576		<1	21.7	0.7	4.4	3	43	95	428	6	90	113	29
R2 20577		2	42.7	1.0	16.0	7	135	134	493	6	144	117	34
R2 20578		1	77.3	1.2	7.9	<2	53	18	42	40	61	48	18
R2 20579		<1	49.8	<0.6	4.3	4	28	82	10	9	105	94	18
R2 20580		<1	14.0	<0.5	1.6	2	<5	30	22	5	87	92	25
R2 20581		95	>2000.0	<400.0	340.0	420=	4000=	271	21	7	42	<8	124

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R2 20582		85	21	<100	4	<200	3	50.9	0.6	30	<50	0.20	7.5
R2 20583	— 2470=	256	<120	33	<1900	42	1680.0	8.7	1250	310	7.75	160.0	
R2 20584		431	19	<100	5	<240	3	287.0	1.4	113	<59	0.41	18.8
R2 20585		332	10	<100	3	<240	2	249.0	1.0	74	<58	0.23	9.8
R2 20586		151	4	<100	1	<280	<1	116.0	<0.1	37	<84	<0.05	4.3
R2 20587		314	11	<100	3	<260	2	216.0	0.6	82	<67	0.20	12.5
R2 20588		397	11	<100	3	<250	1	247.0	0.7	88	<67	0.43	12.3
R2 20589		462	6	<100	2	<280	<1	336.0	0.2	111	<74	1.54	10.5
R2 20590		244	8	<100	3	<380	2	170.0	0.5	56	<61	0.31	8.7
R2 20591	> 15300=	247	<150	136	<4000	21	>2000.0	14.2	6030	<1000	10.50	750.0	
R2 20592	— 4680	50	<100	28	<860	5	>2000.0	9.4	1100	<190	0.82	109.0	
R2 20593		361	10	<100	3	<240	2	247.0	0.9	99	<52	0.41	13.2
R2 20594		1060	20	<100	9	<400	3	598.0	1.3	346	<98	1.10	44.2
R2 20595	— 2980	49	<130	14	<790	8	>2000.0	4.0	632	<190	4.21	72.2	
R2 20596		313	4	<100	1	<300	<1	264.0	0.5	52	<69	1.27	5.1
R2 20597	TR 13 516	516	7	<100	2	<790	4	290.0	1.6	125	<91	0.99	9.3
R2 20598		731	21	<100	3	<450	3	568.0	1.7	167	<93	1.10	19.8
R2 20599	— 1320=	58	<110	11	<530	8	795.0	5.0	484	<110	3.30	44.4	
R2 20600		814	34	<100	7	<400	6	499.0	2.8	262	<93	7.48	29.3
R2 20601		90	7	<100	1	<200	1	50.9	0.5	37	<50	17.40	6.6
R2 20602		104	8	<100	1	<200	1	52.7	0.7	39	<50	22.20	7.2
R2 20603		164	8	<100	2	<240	<1	95.6	0.8	61	<50	19.40	10.5
R2 20604		10	6	<100	<1	<240	<1	5.6	0.3	<10	<50	14.60	2.4
R2 20605		123	10	<100	2	<230	2	74.9	0.7	52	<50	24.60	10.2
R2 20606		91	9	<100	2	<310	2	54.8	0.5	35	<50	23.60	7.0
R2 20607		729	26	<100	6	<370	4	406.0	1.5	200	<82	2.22	24.1
R2 20608		981	36	<100	7	<480	6	673.0	1.9	255	<99	3.39	33.8
R2 20609		95	8	<100	2	<210	<1	50.7	0.5	45	<50	22.40	7.0
R2 20610		483	8	<100	3	<380	2	356.0	0.5	113	<90	0.72	11.8
R2 20611		593	13	<100	3	<430	2	509.0	0.9	121	<98	0.79	11.9
R2 20612		1140	15	<100	6	<570	3	841.0	0.7	262	120	14.70	28.1
R2 20613		574	11	<100	3	<490	5	454.0	0.9	111	<98	8.00	12.9
R2 20614		2660	30	<100	8	<900	6	1960.0	3.4	519	<200	6.90	50.5
R2 20615		1330	25	<110	6	<660	5	1050.0	2.1	272	<150	7.97	32.4
R2 20616		51	4	<100	2	<270	<1	24.9	0.5	21	<55	25.00	6.6
R2 20617		88	8	<100	2	<260	1	48.8	0.4	38	<50	21.20	7.9
R2 20618		45	6	<100	2	<250	<1	21.3	0.5	24	<50	24.50	5.5
R2 20619		1030	19	<100	5	<930	5	835.0	2.2	209	<150	8.29	24.3
R2 20620		1290	21	<110	6	<680	4	926.0	1.9	287	<150	16.30	32.1
R2 20621		433	9	<100	2	<450	2	266.0	0.9	118	<110	1.75	13.1

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20582		2	449.0	2.5	7.2	4	130	15	13	2	120	91	19
20583		27	>2000.0	<140.0	87.0	<10=	1200	44	309	75	25	10	29
20584		2	95.4	1.4	12.2	7	130	119	193	9	147	96	39
20585		<1	457.0	3.0	9.0	6	79	19	52	5	94	112	26
20586		<1	39.0	<0.5	1.5	12	22	68	350	10	106	97	<8
20587		1	125.0	1.1	5.5	6	70	98	621	14	136	111	38
20588		1	52.1	1.1	5.3	7	58	129	724	5	187	73	<8
20589		<1	182.0	1.1	3.4	9	42	64	59	6	219	188	17
20590		1	38.4	<0.9	4.8	14	73	65	135	10	370	162	35
20591		45	>2000.0	37.9	114.0	<15=	1300	46	109	34	81	28	16
20592		7	672.0	11.0	62.6	8	250=	<1	14	4	429	148	14
20593		2	45.4	0.8	7.9	13	71	128	86	7	177	68	<8
20594		3	204.0	2.8	11.9	17	115	138	279	10	262	68	12
20595		6	285.0	5.0	34.1	25	270=	208	138	13	1202	185	42
20596		<1	78.5	<0.8	4.5	11	59	<1	10	8	182	131	<8
20597		2	82.8	<2.4	10.7	718	65=	183	20	9	1383	48	94
20598		2	511.0	4.1	14.2	18	135	52	65	28	199	60	19
20599		7	>2000.0	21.5	45.9	6=	340	271	239	54	225	57	24
20600		4	1220.0	9.5	23.8	10	210	197	133	131	243	83	<8
20601		<1	15.3	<0.6	3.9	5	30	34	17	4	33	67	<8
20602		<1	14.8	0.7	4.3	6	33	34	21	4	40	53	12
20603		1	17.0	<0.7	4.7	6	41	38	24	4	60	58	<8
20604		<1	7.8	<0.6	2.4	5	<5	34	<5	3	22	11	13
20605		2	22.7	1.0	5.4	4	52	23	<5	5	21	64	11
20606		1	12.1	0.7	4.2	11	26	51	81	7	37	87	<8
20607		3	80.0	2.6	11.3	27	160	39	18	7	420	110	31
20608		5	79.0	3.1	16.7	25	160=	64	48	11	537	116	39
20609		1	13.5	0.7	3.4	3	37	33	8	3	19	62	17
20610		1	82.6	1.1	4.3	21	70	231	142	14	556	132	39
20611		2	85.7	1.9	7.4	9	60=	252	126	23	448	160	28
20612		3	477.0	3.8	8.6	12	110=	404	237	70	452	159	27
20613		2	109.0	1.2	8.0	37	95=	195	84	12	810	106	51
20614		4	494.0	5.4	30.6	25	280=	173	158	11	915	94	60
20615		4	508.0	4.5	18.3	17	210=	293	178	50	646	140	28
20616		<1	8.9	<0.6	2.8	2	23	18	63	4	26	33	26
20617		<1	17.5	0.7	3.5	5	20	15	66	5	31	23	<8
20618		1	6.6	0.7	3.3	1	13	66	53	3	21	18	13
20619		3	209.0	2.5	17.7	29	160=	112	533	21	634	48	44
20620		3	225.0	3.1	15.9	14	150=	236	759	30	499	83	40
20621		1	138.0	1.6	6.8	81	52	19	137	17	163	82	19

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R2 20622		1120	104	<100	16	<790	16	685.0	5.1	748	<120	4.91	65.8
R2 20623		3680	64	<120	17	<760	9	>2000.0	6.5	669	<190	4.28	83.1
R2 20624		572	5	<120	2	<340	1	541.0	0.4	100	<94	10.20	9.5
R2 20625		687	12	<110	2	<390	2	734.0	1.7	100	<91	12.80	10.2
R2 20626		730	17	<110	4	<280	3	584.0	2.6	149	<67	1.06	21.8
R2 20627		1150	36	<100	4	<420	6	994.0	4.7	210	<110	1.06	26.3
R2 20628		156	5	<100	1	<250	<1	186.0	<0.3	39	<69	27.90	4.7
R2 20629		389	33	<100	5	<220	6	242.0	4.4	79	<57	0.46	15.8
R2 20630		230	6	<100	2	<200	<1	139.0	0.4	47	<56	0.41	6.2
R2 20631		196	23	<100	4	<200	4	112.0	2.0	66	<50	1.00	11.5
R2 20632		378	9	<100	<1	<290	2	204.0	1.3	70	<86	0.95	9.6
R2 20633		337	7	<100	2	<260	<1	217.0	0.5	88	<76	1.16	11.5
R2 20634		149	60	<100	3	<200	16	69.5	11.4	49	<50	4.01	6.9
R2 20635		504	911	1600	32	<1000	185	120.0	289.0	<500	<130	84.10	23.1
R2 20636		276	5	<100	2	<260	1	210.0	0.8	63	<77	0.91	6.5
R2 20637		425	37	<100	4	<260	9	250.0	8.3	102	<68	2.53	15.8
R2 20638		56	5	<100	<1	<210	<1	43.3	0.4	11	<64	0.66	1.8
R2 20639		349	13	<100	3	<240	2	216.0	1.2	88	<67	0.40	13.9
R2 20640		218	6	<100	2	<200	1	152.0	0.5	45	<50	0.72	8.3
R2 20641		73	4	<100	<1	<200	<1	48.3	0.6	15	<50	1.43	2.9
R2 20642		105	6	<100	<1	<230	<1	90.0	0.3	19	<66	0.86	2.7
R2 20643		227	6	<100	2	<220	<1	150.0	0.4	65	<62	0.71	8.8
R2 20644		277	10	<100	3	<270	1	196.0	0.9	57	<72	13.10	11.4
R2 20645		186	5	<100	1	<220	<1	104.0	0.4	40	<66	0.52	5.5
R2 20646		552	90	<100	10	<340	15	259.0	6.7	198	<77	7.38	40.8
R2 20647		415	8	<100	1	<300	1	364.0	1.1	64	<81	1.20	6.9
R2 20648		567	8	<100	2	<330	2	481.0	1.6	113	<85	5.50	12.5
R2 20649		294	13	<100	3	<280	2	215.0	0.6	69	<80	0.38	10.7
R2 20650		395	16	<120	4	<350	2	267.0	0.7	113	<100	0.29	20.1
R2 NO NUMBER		669	9	<100	3	<420	2	414.0	0.9	129	<100	0.50	13.2
D2 15535		612	16	<100	3	<340	2	419.0	1.1	98	<84	2.61	13.2
D2 15536		23	2	<100	<1	<200	<1	17.5	0.4	<10	<50	0.51	1.5
D2 15537		438	20	<100	3	<340	3	311.0	1.7	115	<91	3.49	23.0
D2 15538		245	8	<100	2	<230	<1	169.0	0.6	62	<58	11.80	9.8
D2 15539		196	10	<100	2	<210	<1	121.0	0.5	54	<54	9.86	8.5
D2 15540		124	3	<100	<1	<250	1	86.3	0.2	33	<69	1.83	3.4

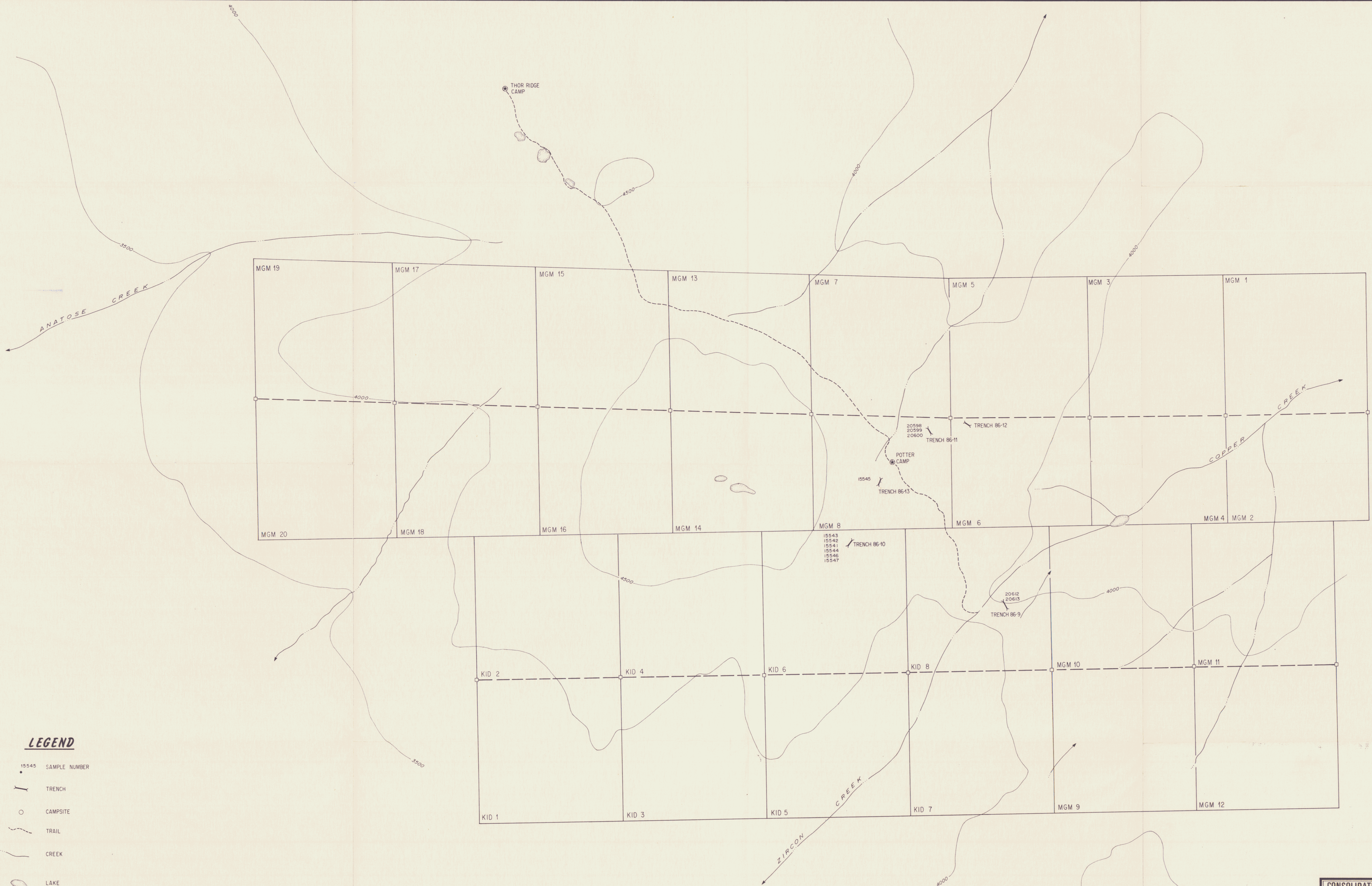


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SAMPLE NUMBER	ELEMENT UNITS	Tb PPM	Th PPM	Tm PPM	Yb PPM	U PPM	Y PPM	Li PPM	Sr PPM	Be PPM	Nb PPM	Rb PPM	Ta PPM
R2 20622		11	>2000.0	74.0	72.2	25=	780=	98	45	714	202	42	37
R2 20623		10	384.0	7.5	51.5	23	520=	154	131	17	1010	139	74
R2 20624		<1	486.0	1.9	5.2	7	70=	111	58	44	359	122	<8
R2 20625		2	756.0	3.8	13.4	11	140=	196	203	189	818	110	13
R2 20626		2	55.3	2.4	18.9	11	120=	7	361	3	378	64	24
R2 20627		4	625.0	5.4	36.8	30	260=	16	46	298	835	30	79
R2 20628		<1	565.0	2.3	3.1	<2	42	426	436	100	326	160	<8
R2 20629		3	268.0	4.8	34.1	18	230=	2	36	3	453	60	39
R2 20630		<1	33.6	<0.6	3.2	<2	31	149	415	7	75	67	27
R2 20631		3	296.0	3.7	15.8	3	195	71	109	20	130	117	14
R2 20632		1	138.0	1.4	8.9	31	74	<1	33	8	208	97	32
R2 20633		<1	58.0	<0.7	3.9	15	39	20	88	6	116	95	18
R2 20634		4	732.0	12.3	88.5	30	1100	60	117	15	170	124	9
R2 20635		55	>2000.0	240.0	>2000.0	610=	10000	20	25	37	1234	28	<8
R2 20636		<1	117.0	0.8	6.2	8	57	14	64	11	140	81	20
R2 20637		3	477.0	8.5	60.8	20	410=	98	626	9	113	61	30
R2 20638		<1	22.1	<0.7	2.2	7	8	49	164	9	204	81	30
R2 20639		2	46.2	1.1	7.8	12	77	128	182	10	265	96	19
R2 20640		<1	51.4	<0.7	3.6	15	32	107	142	12	274	78	26
R2 20641		<1	35.7	0.8	3.9	7	39	137	59	13	161	84	21
R2 20642		<1	26.5	0.7	1.9	19	18	70	92	11	226	75	43
R2 20643		<1	20.7	<0.6	2.8	4	18	41	186	7	88	67	14
R2 20644		1	51.6	0.9	4.8	8	57	37	133	13	134	59	35
R2 20645		<1	26.8	<0.6	3.0	4	24	4	169	5	81	50	<8
R2 20646		9	1650.0	15.7	62.8	34	550=	78	37	30	683	80	42
R2 20647		<1	95.3	<0.9	6.8	11	72	12	23	8	229	62	19
R2 20648		<1	380.0	2.7	12.0	9	79	109	64	27	274	75	37
R2 20649		<1	40.7	<0.8	5.0	13	45	82	631	8	268	30	45
R2 20650		2	44.5	1.3	6.6	7	70	53	440	13	170	72	21
R2 NO NUMBER		1	59.3	<1.9	5.3	36	66	57	50	9	1226	45	105
D2 15535		<1	93.2	<1.2	7.8	13	65=	169	279	19	511	85	31
D2 15536		<1	13.4	<0.5	2.3	<1	6	6	<5	4	11	<8	<8
D2 15537		3	82.2	1.6	11.9	12	115	39	133	22	214	51	30
D2 15538		1	27.7	0.7	3.6	<2	36	26	73	9	16	50	12
D2 15539		<1	32.7	0.9	3.8	3	43	29	64	8	33	57	10
D2 15540		<1	31.2	<0.8	1.2	26	12	72	82	8	270	74	46



LEGEND

- 15545 SAMPLE NUMBER
- TRENCH
- CAMPSITE
- TRAIL
- CREEK
- LAKE
- CLAIMPOST
- CLAIM LINE CUT
- CLAIM LINE INFERRED

B. Denton

CONSOLIDATED SILVER STANDARD MINES LIMITED	
KID - MGM CLAIMS	
BEAVER PROJECT	
WATSON LAKE MINING DISTRICT - YUKON	
TRENCH LOCATIONS	
091854	
m 0 100 200 300 400 500 m	
ft. 0 500 1000 1500 ft.	
1:5000	
Compiled: R. Quarterman Drawn: WR Date: July 1986 NTS: 95 C/5 Proj: C3001	