

**ASSESSMENT REPORT**

**ROCK AND SOIL GEOCHEMISTRY PROGRAM**

**SR PROPERTY**

NTS Map Sheets 082E060

5490000N - 420000E

Trail Creek Mining Division

Work performed 2005

Owner:  
Tom Kennedy  
404-22<sup>nd</sup> Ave N.  
Cranbrook BC V1A 5B9

Report by:  
Craig Kennedy  
Prospector  
2290 DeWolfe Avenue  
Kimberley BC V1A 1P5

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

27,045

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## **SR Property**

### **Rock And Soil Geochemistry Report**

Craig Kennedy

November 2005

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## **1.00 INTRODUCTION**

### **1.10 Location and Access**

The SR property is located in the Trail Creek Mining District of Southeastern British Columbia. The Deer Park secondary highway and Deer Creek logging road provide good two-wheel drive access to and through the property. The property is heavily gullied and thickly vegetated but totally accessible by foot.

### **1.20 History**

There is no recent history of exploration work or evidence of past claim staking.

### **1.30 Property**

The property is 35 contiguous units owned by Tom Kennedy of 404-22<sup>nd</sup> Ave N. Cranbrook BC V1C 5B9.

## **2.00 ROCK AND SOIL GEOCHEMISTRY**

### **2.10 Scope of Program**

On the SR Property epithermal vein systems occupy areas of argillic alteration within a zone of intense north-south diking. The dikes range from lamproids through porphyritic syenites and are believed to be Eocene in age. These dikes cut older granite bodies interpreted to be Cretaceous or Jurassic. Granites that were tested are non-magnetic where as dikes in most instances are very magnetic.

The 2005 rock and soil geochemistry program was a follow-up to work done in 2004. It was hoped the program would help in developing an effective method for evaluating areas in epithermal structural belts. Soil sample recce lines were located within areas where previous work had discovered vein and breccia systems with anomalous gold. Rock sampling was intensified within previously recognized alteration zones. Chip samples were taken across vein systems, which had returned anomalous gold values during the 2004 program. Veins and adjoining breccias were exposed by grub-hoe and shovel and swept clean by brooms prior to sampling.

### 2.20 Results

Initial results for the 2005 soil recce program indicted detection limits for gold and pathfinder elements are too low to be used as a reliable tool for exploration on the SR Property.

Rock geochemistry chip samples of hand trenched vein systems show the erratic nature of veins encountered to date. An example is sample SR05-45, a 75 cm chip sample returned a value of 894.8 PPb Au; sample SR05-44, 1 meter south, over the same width returned a value of 45 PPb.; sample SR05-46 a composite sample over 75 cm, 1 meter to the north of 45 returned a value of 80.6 PPb Au.

## 3.00 CONCLUSION

Epithermal vein systems that have been hand trenched and chip sampled should be mapped in detail. A VLF-EM survey should be done in areas of argillic alteration to determine whether epithermal system can be traced undercover by this method. If geophysics proves positive targets should be trenched, mapped and sampled in detail.

Figure 1: Regional location map



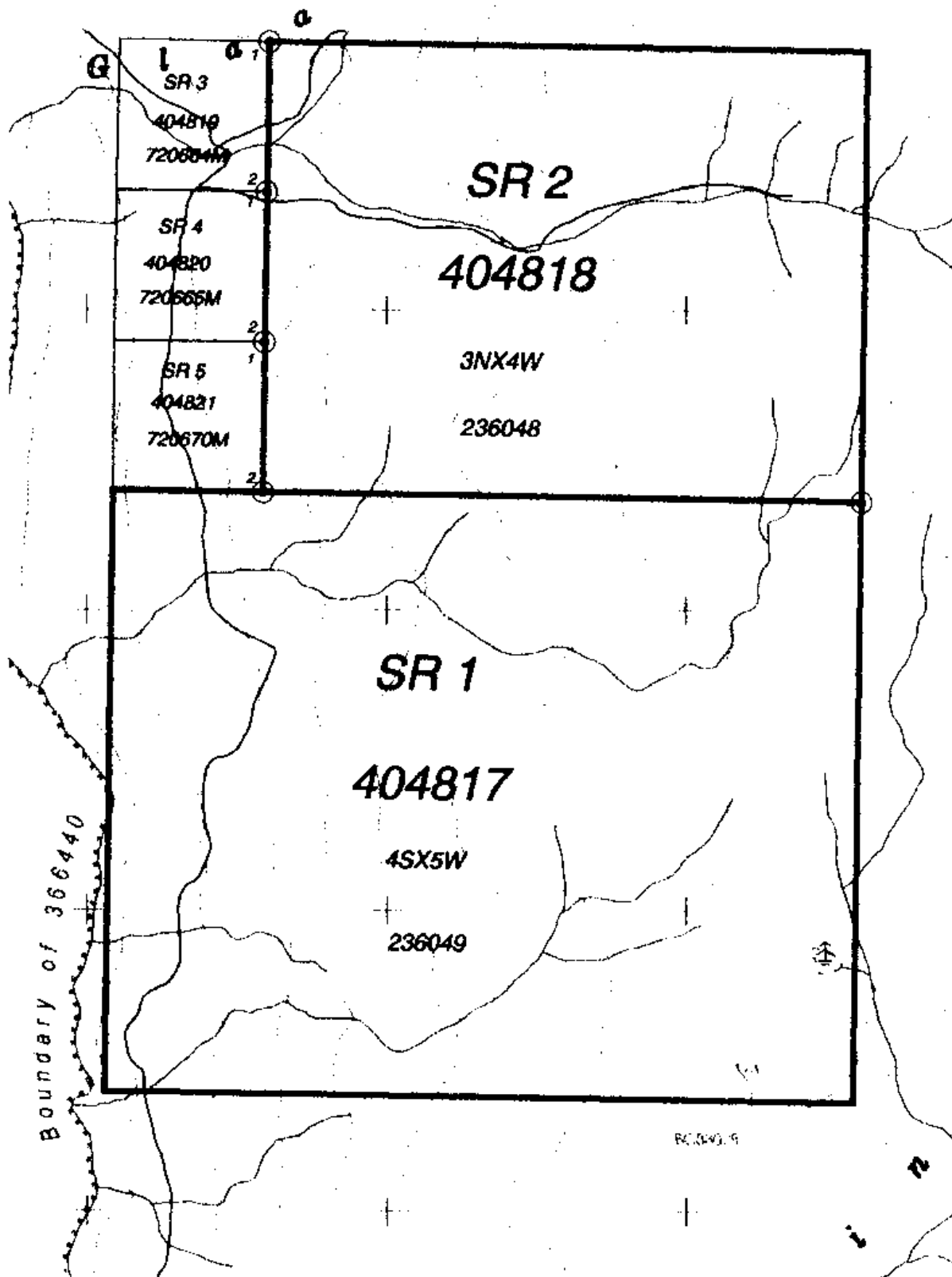
SR Property  
Location

Figure 2: Claim Location Map



Map # 082E060

Scale 1:20,000



#### 4.00 Statement of Costs

Rock And Soil Geochemistry Program  
SR Property  
Work Performed 2005

Prospecting Contractors: Craig Kennedy, Kimberley BC  
Tom Kennedy, Cranbrook BC

Craig Kennedy	4 days @ \$400.00/day –	\$1600.00
	(includes camp and 4x4 vehicle)	
Tom Kennedy	4 days @ \$300.00/day –	1200.00
Report	2 days @ \$325.00/day -	650.00
	(includes typing, drafting, and supplies)	
Rock Samples	66 @ \$18.00/sample -	1188.00
Soil Samples	85 @ \$18.00/sample	<u>1530.00</u>
	<i>Total Cost-</i>	<u>\$6168.00</u>

#### 5.00 Authors Qualifications

As author of this report I, Craig Kennedy, certify that:

- 1) I am an independent consulting prospector residing at 2290 DeWolfe Avenue, Kimberley BC.
- 2) I have been actively prospecting in the East and West Kootenays district of BC for the past 28 years and have made my living prospecting for the past 16 years.
- 3) Individuals, juniors, and Major mining companies have employed me.
- 4) I have created and optioned numerous grass roots mineral exploration properties.

Craig Kennedy

*Craig Kennedy*  
Prospector

### Appendix 1. Description of Rock Samples

Sample No.	UTM Co-Ordinates	Description
SR05-1	0421104,5490676	Quartz vein with Lim/Py in carbonate altered granite - 0.5m wide zone strike of vein 90 degrees dip 70 degrees to S
SR05-2	0421102,5490660	Same vein as above on strike with more manganese alteration and Lim/Py
SR05-3	0421064,5490551	Pegmatitic rubble with green alteration some Lim/Py and carbonate with manganese, within a leesgang weathered zone
SR05-4	0421035,5490478	Narrow discontinuous quartz veins with Lim/Py in a brecciated carbonate altered intrusive - some hematite on fractures - within the footwall of a 10 degree trending dyke
SR05-5	0421035,5490478	Same zone as Above - more fractured with Lim/Py and carbonate
SR05-6	0421027,5490455	1 foot wide zone with narrow quartz veinlets within carbonate altered intrusive with hematite staining - 36 degree trend dip 60 degrees to SE
SR05-7	0421016,5490437	Epithermal quartz vein within an argillic/carbonate altered zone - some Lim/Py
SR05-8	0421016,5490437	Same as Above
SR05-9	0421016,5490437	Same as Above -limonitic epithermal quartz fractures with manganese in an argillic altered zone 1.5m wide - N/S trend
SR05-10	0421006,5490423	Fine-grained mafic dyke with narrow clear quartz calcite veinlets with some Lim/Py and chlorite in older granite - strike 308 degrees dip 80 degrees to NE
SR05-11	0420978,5490313	Pegmatitic veins with some poddy Lim/Py rich zones with green sericite and hematite staining
SR05-12	0420952,5490147	Pyrite rich skarn with magnetite and epidote
SR05-13	0419252,5491680	Epithermal quartz vein with Lim/Py cutting granite and syenite dykes with argillic alteration along margins - 36 degree strike dip 26 degrees to SE - sample is a 10 inch chip across vein
SR05-14	0419252,5491680	Same vein as Above - 1m on strike chip across 15 inch wide zone
SR05-15	0419252,5491680	Same vein as Above -1m on strike chip across 15 inch wide zone -more Py/Lim than previous
SR05-16	0419252,5491680	Same vein as Above -1m on strike chip across 15 inches



SR05-17	0419252,5491680	Same vein as Above -1m on strike chip across 12 inches
SR05-18	0419252,5491680	Same vein as Above -1m on strike chip across 12 inches
SR05-19	0419252,5491680	Same vein as Above -1m on strike chip across 12 inches
SR05-20	0419252,5491680	Same vein as Above -1m on strike chip across 17 inches
SR05-21	0419252,5491680	Same vein as Above -1m on strike chip across 15 inches
SR05-22	0419252,5491680	Same vein as Above -1m on strike chip across 15 inches
SR05-23	0419252,5491680	Same vein as Above -1m on strike chip across 12 inches
SR05-24	0419252,5491680	Same zone as Above – Altered/fractured intrusive with carbonate, manganese and some quartz veinlets
SR05-25	0419252,5491680	Same zone as Above -Narrow epithermal quartz vein with Py/Lim - strike 20 degrees dip 20 degrees to E
SR05-26	0419252,5491680	Same zone as Above - Manganese rich fractured hanging-wall material of vein
SR05-27	0420461,5491058	340 degree trending dip 45 degree to NE epithermal quartz vein sample is a 1 foot chip of epithermal quartz vein with fluorite and some Lim/Py – vein in granite
SR05-28	0420461,5491058	Same zone as Above - 1 foot on strike a chip across the vein - more Py/Lim than above sample
SR05-29	0420461,5491058	Same zone as Above - 1 foot wide chip/composite of epithermal quartz vein where it cuts into a syenite dyke - some argillic alteration of dyke
SR05-30	0420461,5491058	Same zone as Above -1 foot wide chip sample across vein with fluorite and Py/Lim
SR05-31	0420461,5491058	Same zone as Above - 6 inch chip across above vein with fluorite and Lim/Py - vein in syenite dyke
SR05-32	0420461,5491058	Same zone as Above - 4 inch chip of across above vein with some fluorite and Lim/Py in Eocene dyke
SR05-33	0420461,5491058	Same zone as Above - 3 inch wide chip in argillic altered hangingwall of the vein within Eocene dyke with some Lim/Py
SR05-34	0420422,5491052	Argillic alteration zone 2m wide with a central zone of epithermal quartz veining over 8 inches in width – trending 320 degrees dipping 80 degrees to NE - sample is a composite of argillic altered granite with some Lim/Py in hangingwall of veining

SR05-35	0420422,5491052	Same zone as Above - composite across argillic altered granite with Lim/Py in footwall of veining
SR05-36	0420422,5491052	Same zone as Above - 1 foot wide chip sample across zone of quartz veining with Lim/Py and some clay altered granite
SR05-37	0420422,5491052	Same zone as Above - 8 inch chip sample across zone of veining with some Lim/Py where it cuts out of the argillic altered granite and into an Eocene dyke
SR05-38	0420422,5491052	Same zone as Above - chip across an 8 inch wide zone of epithermal quartz veining in Eocene dyke -some argillic alteration in dyke along vein margins
SR05-39	0419390,5490341	20 degree trending (dip 40 degrees to E) zone of epithermal quartz veining and brecciation with some argillic alteration - sample is of a 4-6 inch wide solid epithermal quartz vein with rare Lim/Py
SR05-40	0419390,5490341	Same zone as Above - sample 1m to N on strike same material as above
SR05-41	0419390,5490341	Same zone as Above - sample 1m to N from above - same material as above
SR05-42	0419390,5490341	Same zone as Above 1m to N from above - composite of epithermal quartz breccia across 1m width with some Lim/Py in Eocene dyke
SR05-43	0419390,5490341	Same zone as Above 1m to N from above - same material as above composite across 1.3m width
SR05-44	0419390,5490341	Same zone as above on strike - chip sample across 75cm wide zone of epithermal quartz with Lim/Py
SR05-45	0419390,5490341	Same zone as Above on strike 1m to N - same as above
SR05-46	0419390,5490341	Same zone as Above on strike to N -composite across a 75cm wide zone of argillic altered granite with Lim/Py and epithermal quartz veinlets
SR05-47	0419390,5490341	Same zone as Above on strike to N - composite of argillic altered granite with Lim/Py and epithermal quartz veining over 8 inches
SR05-48	0419390,5490341	Same zone as Above on strike to N - composite across zone with more quartz than above
SR05-49	0419390,5490341	Same zone as Above on strike to N - composite across zone with some Lim/Py in epithermal quartz breccia
SR05-50	0421438,5491709	Blocks of sericite altered granite with quartz brecciation -some Lim/Py in Nelson looking granite
SR05-51	0421438,5491709	30 degree trending zone of quartz veining in granodiorite with Lim/Py in veinlets - epidote, sericite and disseminated Py along margins of

		veins
SR05-52	0421200,5490658	Limonitic weathering granite with red and orange oxide, sericite and some quartz micro-veining with Lim/Py
SR05-53	0421330,5490220	1m wide zone of mylonite shearing in granodiorite with some quartz, epidote, chlorite, and Lim/Py - 310 degree strike dip 80 degrees to NE
SR05-54	0421330,5490220	1cm wide quartz vein with Lim/Py and epidote in granodiorite - strike 25 degrees
SR05-55	0419393,5490382	20 degree trending flat dipping epithermal quartz breccia zone with Lim/Py and carbonate - 4 inches wide
SR05-56	0419393,5490382	Same as Above
SR05-57	0419391,5490400	20 degree trending vertically dipping epithermal quartz breccia with carbonate Lim/Py - fragments of wall rock in breccia - 4 inches wide
SR05-58	0419391,5490400	Same as Above
SR05-59	0419391,5490400	Block of epithermal quartz breccia sub-crop with some Lim/Py
SR05-60	0419391,5490400	1 foot square block of epithermal quartz breccia in granite with some Lim/Py
SR05-61	0418964,5489787	50 degree striking zone of epithermal quartz veinlets (opaline) with some Lim/Py - dip 25 degrees to SE
SR05-62	0419012,5489947	Same zone as Above - on strike epithermal type quartz with Lim/Py, iron carbonate and calcite
SR05-63	0419093,5490372	8 inch wide bull type quartz vein with Lim/Py in older granite -N/S trend
SR05-64	0419003,5490514	Narrow bull type quartz vein in older granite with Lim/Py and vugs - 50 degree trend vertical dip
SR05-65	0418964,5489787	Bull type quartz material wit Lim/Py and CuPy
SR05-66	0420289,5491899	1 foot wide epithermal breccia vein with Lim/Py - repeat of SR-94

**Appendix 2. Rock Geochemistry Analysis  
(starts on next page)**

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Br	Cd	Sb	Bi	V	Ca	P	Le	Cr	Mg	Ba	Ti	S	Al	Na	K	W	Au <sup>2</sup>
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
SR05-01	53	20	47	48	.6	1	7	546	1.75	5	<8	<2	15	9	.8	<3	3	6	.04	.007	7	3	.02	56<.01	<3	.30	.02	.16	<2	17.0	
SR05-02	23	30	22	56	<.3	4	11	6388	2.55	8	15	<2	15	30	1.0	3	12	16	.09	.087	84	4	.03	340<.01	3	.53	.03	.18	<2	3.1	
SR05-03	1	8	8	29	<.3	1	<1	306	.63	<2	17	<2	13	5	<.5	<3	<3	2	.04	.004	7	3	.01	31<.01	<3	.18	.04	.13	<2	1.2	
SR05-04	2	14	3	19	<.3	2	1	482	.77	2	<8	<2	9	10	<.5	<3	<3	5	.05	.008	9	3	.02	143<.01	<3	.25	.02	.20	<2	.5	
SR05-05	9	9	9	24	<.3	3	1	960	.94	<2	<8	<2	14	20	<.5	<3	<3	9	.05	.008	13	3	.03	124<.01	<3	.33	.02	.21	<2	.9	
SR05-06	1	9	9	11	<.3	1	1	711	.62	<2	<8	<2	12	10	<.5	<3	<3	6	.05	.010	22	3	.01	120<.01	<3	.21	.03	.12	<2	<.5	
SR05-07	2	10	<3	30	<.3	3	5	582	1.36	2	<8	<2	2	97	<.5	4	4	18	1.05	.011	4	8	.39	277<.01	<3	.43	<.01	.12	<2	<.5	
SR05-08	<1	<1	<3	<1	<.3	<1	<1	<2	<.01	<2	<8	<2	8	<1	<.5	<3	3	<1	<.01	<.001	<1	<1	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.5
SR05-09	6	7	14	49	.3	9	10	1124	2.23	7	<8	<2	8	311	.5	<3	3	28	.45	.044	29	23	.08	1990<.01	<3	1.01	<.01	.24	<2	1.3	
SR05-10	<1	29	3	99	.3	8	23	2435	5.36	<2	<8	<2	2	422	1.7	<3	3	108	6.68	.128	15	6	1.87	1081 .01	5	1.80	.03	.11	<2	<.5	
SR05-11	1	74	8	8	.4	1	7	178	1.55	9	<8	<2	20	24	.5	<3	<3	9	.06	.001	2	2	.01	364<.01	<3	.23	.05	.13	<2	2.1	
RE SR05-11	1	74	5	15	.3	2	7	180	1.58	8	<8	<2	20	25	.5	<3	5	9	.06	.001	2	1	.01	374<.01	<3	.23	.05	.13	<2	2.8	
SR05-12	<1	26	5	77	.5	29	31	643	8.45	2	<8	<2	3	152	3.0	<3	<3	310	1.23	.022	5	23	1.33	162 .26	10	.73	.06	.07	2	<.5	
SR05-13	14	7	20	9	.6	1	1	34	.79	23	<8	<2	3	11	<.5	<3	<3	4	.08	.024	14	2	.03	30<.01	<3	.21	<.01	.13	<2	66.4	
SR05-14	18	8	31	4	.7	1	<1	27	.58	15	<8	<2	2	12	<.5	3	<3	2	.04	.010	8	3	.01	25<.01	<3	.18	<.01	.13	<2	167.1	
SR05-15	19	19	47	8	1.6	2	2	41	.70	9	<8	<2	7	22	<.5	<3	3	5	.07	.014	22	2	.03	66<.01	<3	.30	<.01	.16	<2	93.1	
SR05-16	61	15	83	9	1.3	1	1	33	.92	21	<8	<2	2	24	<.5	<3	<3	3	.04	.018	8	4	.02	39<.01	<3	.22	<.01	.14	<2	424.0	
SR05-17	8	4	23	6	.6	1	<1	18	.69	28	<8	<2	7	23	<.5	3	5	2	.06	.020	28	2	.02	39<.01	<3	.29	<.01	.22	<2	37.7	
SR05-18	11	8	17	10	.7	1	<1	29	.82	12	<8	<2	4	22	<.5	<3	3	5	.07	.021	16	3	.02	42<.01	<3	.28	<.01	.18	<2	24.2	
SR05-19	43	10	98	15	1.5	1	1	80	1.25	25	<8	<2	<2	36	<.5	4	<3	8	.08	.031	15	2	.03	52<.01	<3	.36	<.01	.21	<2	201.4	
SR05-20	18	17	22	15	.6	2	5	54	.95	16	<8	<2	<2	21	<.5	3	<3	5	.07	.022	9	2	.02	44<.01	<3	.36	<.01	.18	<2	245.6	
SR05-21	34	3	68	4	2.7	1	1	26	.84	21	<8	2	<2	26	<.5	4	<3	3	.05	.023	13	2	.02	269<.01	<3	.27	<.01	.18	<2	1375.5	
SR05-22	66	10	146	12	2.5	1	<1	35	.98	14	<8	<2	2	29	<.5	8	<3	5	.07	.024	14	2	.02	39<.01	<3	.31	<.01	.20	<2	400.2	
SR05-23	13	5	23	2	.3	1	1	33	.30	3	<8	<2	<2	4	<.5	3	<3	2	.01	.002	1	3	.01	21<.01	<3	.08	<.01	.05	<2	94.1	
SR05-24	2	17	24	27	.3	2	5	1203	1.95	<2	<8	<2	9	40	.7	3	5	20	.17	.046	23	2	.09	504<.01	<3	.43	.03	.17	<2	1.1	
SR05-25	6	18	25	58	<.3	2	7	1573	2.72	3	<8	<2	4	23	.9	<3	5	28	.16	.046	25	3	.06	167<.01	3	.54	.02	.27	<2	3.8	
SR05-26	2	30	19	60	.5	2	7	2701	2.62	<2	<8	<2	4	23	1.1	<3	6	31	.23	.063	25	1	.13	232<.01	<3	.60	<.01	.27	<2	3.5	
SR05-27	4	5	11	<1	.8	1	1	127	.48	2	<8	<2	7	66	<.5	<3	<3	7	4.66	.005	9	3	.07	445<.01	7	2.86	.05	1.62	<2	27.6	
SR05-28	51	4	29	16	1.7	3	4	246	1.02	4	<8	<2	6	25	<.5	3	<3	5	.42	.037	28	3	.05	146<.01	<3	.57	<.01	.23	<2	328.9	
SR05-29	42	9	35	14	.9	4	4	538	1.68	5	<8	<2	7	34	.6	3	5	5	.72	.065	62	3	.09	82<.01	<3	.28	<.01	.19	<2	568.9	
SR05-30	24	4	10	<1	1.4	3	3	469	1.01	2	<8	<2	4	69	<.5	3	<3	22	5.65	.032	22	8	.11	755<.01	160	1.56	.03	.78	<2	221.8	
SR05-31	13	6	8	<1	.5	3	3	340	1.01	<2	<8	<2	7	96	<.5	<3	<3	18	7.24	.039	33	6	.07	379 .01	128	1.75	.28	.99	<2	20.6	
SR05-32	8	7	6	2	1.2	2	2	271	.48	2	<8	<2	<2	31	<.5	<3	5	7	1.19	.004	8	5	.02	848<.01	28	.26	.03	.11	<2	52.2	
SR05-33	29	5	25	15	2.7	3	6	251	1.33	2	<8	<2	13	115	<.5	<3	5	10	.40	.092	82	4	.06	1586<.01	3	.70	<.01	.34	<2	103.3	
STANDARD 056/AL-R	11	121	28	142	<.3	24	10	692	2.79	22	<8	<2	2	40	6.0	4	5	54	.84	.078	14	183	.57	164 .06	17	1.90	.07	.15	3	489.2	

GROUP 10 - 0.50 gm SAMPLE LEACHED WITH 3 ML 2-2-2 NCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
 (>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM  
 - SAMPLE TYPE: ROCK R150 AU<sup>1</sup> IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)  
 Samples beginning 'RE' are Returns and 'RR' are Reject Returns.

Data 1 JA \_\_\_\_\_ DATE RECEIVED: AUG 9 2005 DATE REPORT MAILED: Aug 26/05





ANALYTICAL

## Kootenay Gold Corp. FILE # A504366

Page 2



ANALYTICAL

SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Mn	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	
SR05-34	2	6	15	9	<.3	<1	1	114	.46	<2	<2	13	14	<.5	<3	3	3	.13	.008	17	3	.04	44	<.01	<3	.39	<.01	.21	<2	4.6	
SR05-35	1	5	12	10	<.3	1	1	243	.65	<2	<2	12	13	<.5	3	<3	2	.09	.008	17	2	.03	62	<.01	<3	.30	<.01	.19	<2	11.5	
SR05-36	4	6	27	4	.6	1	1	62	.38	<2	<2	5	9	<.5	4	<3	3	.05	.004	9	4	.02	45	<.01	<3	.19	<.01	.15	<2	26.8	
SR05-37	14	8	20	5	.9	1	1	229	.56	<2	<2	3	17	<.5	<3	<3	3	.03	.004	18	8	.01	300	<.01	<3	.14	<.01	.09	<2	53.0	
SR05-38	6	14	35	9	.7	2	1	663	.74	<2	<2	2	9	<.5	3	3	4	.04	.004	17	6	.02	153	<.01	<3	.16	<.01	.05	<2	66.0	
SR05-39	2	3	7	7	<.3	2	1	115	.44	<2	<2	<2	4	<.5	<3	3	3	.02	.002	2	7	.01	75	<.01	<3	.04	<.01	.03	<2	117.3	
SR05-40	1	3	<3	7	<.3	2	<1	78	.32	<2	<2	<2	4	<.5	<3	<3	2	.04	.006	4	4	.01	16	<.01	<3	.07	<.01	.04	<2	1.1	
SR05-41	2	4	12	7	<.3	2	1	68	.45	<2	<2	<2	8	<.5	<3	<3	1	.03	.007	6	5	.01	231	<.01	<3	.07	<.01	.05	<2	39.4	
RE SR05-41	2	4	12	2	<.3	2	1	74	.46	<2	<2	<2	8	<.5	<3	<3	1	.03	.007	6	8	.01	227	<.01	<3	.07	<.01	.05	<2	41.8	
SR05-42	20	4	34	27	.3	8	4	210	1.63	<2	<2	5	29	.5	<3	<3	4	.10	.062	40	8	.02	133	<.01	<3	.21	<.01	.16	<2	106.2	
SR05-43	15	4	23	25	.3	4	2	75	1.37	<2	<2	2	36	.5	<3	4	3	.05	.027	15	6	.01	92	<.01	<3	.11	<.01	.10	<2	50.6	
SR05-44	11	5	38	34	.5	10	3	176	1.62	<2	<2	3	34	.6	4	<3	3	.10	.049	28	10	.01	361	<.01	<3	.15	.01	.11	<2	45.0	
SR05-45	21	4	65	45	.7	7	4	111	2.13	2	<2	4	38	.8	<3	3	4	.06	.042	33	8	.02	482	<.01	<3	.20	<.01	.14	<2	894.8	
SR05-46	15	9	71	56	.6	9	6	398	1.77	<2	<2	7	30	.7	<3	6	6	.19	.004	42	13	.03	394	<.01	<3	.33	<.01	.24	<2	80.6	
SR05-47	5	3	9	10	<.3	2	1	54	.68	<2	<2	9	6	<.5	<3	<3	2	.03	.005	4	4	.01	44	<.01	<3	.15	<.01	.14	<2	6.5	
SR05-48	7	8	38	41	<.3	6	5	527	1.63	<2	<2	3	14	.6	<3	4	7	.06	.018	13	6	.02	129	<.01	<3	.21	<.01	.13	<2	378.6	
SR05-49	5	3	59	23	.4	3	2	186	.89	<2	<2	2	14	<.5	<3	<3	4	.05	.024	13	5	.01	207	<.01	<3	.17	<.01	.12	<2	520.2	
SR05-50	1	17	<3	70	<.3	1	2	260	.67	<2	<2	9	32	.6	<3	<3	10	.22	.012	6	5	.10	48	.02	<3	.40	.01	.20	<2	<.5	
SR05-51	19	50	<3	35	.3	3	9	306	3.06	<2	<2	5	58	.8	<3	7	31	.41	.061	9	12	.29	86	.10	3	.69	.02	.39	3	42.8	
SR05-52	5	30	10	75	<.3	<1	1	704	.89	<2	<2	10	5	.5	<3	3	2	.02	.010	12	2	.01	84	<.01	<3	.28	.01	.26	<2	20.6	
SR05-53	<1	22	<3	54	<.3	4	7	968	1.84	<2	<2	4	51	<.5	<3	3	46	.78	.058	4	16	.70	75	.10	<3	1.16	.07	.23	<2	<.5	
SR05-54	1	26	12	32	<.3	2	6	638	1.52	2	<2	3	65	<.5	<3	3	35	.83	.043	2	8	.39	59	.05	<3	.82	.03	.19	2	1.2	
SR05-55	7	5	36	81	<.3	19	12	1315	2.96	<2	<2	<2	219	1.6	<3	4	29	5.27	.005	5	4	.45	403	<.01	<3	.07	<.01	.03	<2	<.5	
SR05-56	4	8	37	46	<.3	11	7	919	1.99	<2	<2	5	59	.9	<3	4	14	.36	.076	49	6	.05	1344	<.01	<3	.25	<.01	.16	<2	5.2	
SR05-57	16	4	31	9	.5	1	1	68	.89	<2	<2	8	83	<.5	<3	3	5	.04	.012	37	4	.02	1131	<.01	<3	.19	<.01	.17	<2	175.9	
SR05-58	14	6	29	17	.5	2	2	90	1.22	<2	<2	10	40	.6	<3	3	3	.11	.016	48	5	.02	483	<.01	<3	.19	<.01	.18	<2	139.3	
SR05-59	2	25	<3	9	<.3	4	2	339	.61	<2	<2	2	73	<.5	<3	<3	7	.14	.847	22	7	.02	2135	<.01	<3	.17	<.01	.10	<2	1.0	
SR05-60	4	11	10	9	<.3	3	2	388	.53	<2	<2	6	19	<.5	<3	<3	5	.07	.013	7	3	.02	238	<.01	<3	.20	<.01	.18	<2	<.5	
SR05-61	11	8	16	16	<.3	4	4	370	1.15	2	<2	<2	68	<.5	<3	<3	12	1.14	.038	8	12	.28	253	<.01	4	.26	<.01	.18	<2	.7	
SR05-62	1	3	3	7	<.3	1	2	1327	.72	<2	<2	3	315	<.5	<3	<3	9	3.18	.006	13	3	.04	2431	<.01	<3	.17	<.01	.12	<2	<.5	
SR05-63	52	18	13	7	1.1	<1	3	83	1.18	3	<2	4	16	.6	<3	11	4	.03	.005	5	4	.01	151	<.01	<3	.10	<.01	.10	<2	5.9	
SR05-64	31	9	12	7	1.0	2	20	782	3.79	3	<2	<2	14	1.7	<3	11	5	.17	.013	7	4	.02	63	<.01	3	.18	.02	.13	2	5.9	
SR05-65	73	536	<3	25	1.3	4	11	406	1.83	<2	<2	<2	52	.5	<3	3	31	.68	.004	1	7	.32	91	.01	<3	.32	<.01	.02	<2	<.5	
SR05-66	31	31	63	16	1.6	7	4	299	.82	<2	<2	6	14	<.5	<3	<3	4	.11	.039	36	9	.02	56	<.01	<3	.18	<.01	.13	<2	132.3	
STANDARD OS6/AU-R	12	120	28	141	.5	24	19	699	2.78	21	<2	3	40	3.9	4	4	54	.84	.077	14	183	.57	163	.08	17	1.89	.07	.15	4	460.0	

Sample type: ROCK R150. Samples beginning 'RE' are Retuns and 'RRE' are Relect Retuns.

**Appendix 3. Soil Geochemistry Analysis  
(starts on next page)**

**GEOCHEMICAL ANALYSIS CERTIFICATE**

Kootenay Gold Corp. File # A904187 Page 1

150 Bay View Drive, Toronto, Ontario M5V 1M5 Submitted by: Tom Kennedy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	NI	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	R	Al	Na	K	W	Hg	Sc	IT	S	Se	Sample	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	%	ppm	ppm	ppm		
G-1	.6	2.1	2.3	48	<1	7.5	4.3	525	1.82	<5	2.0	<5	3.7	45	<1	<1	.1	38	.39	077	6	78.3	.59	220	.17	1	.89	.052	.62	<1	<0.1	1.9	.3	.13	4	<5	15.0
SRA-01	.5	9.4	12.9	43	1	5.6	3.5	336	1.43	3.7	.5	<5	1.7	38	4	1.1	.2	39	.25	.041	12	13.6	.23	75	.110	2	.75	.018	.05	1	.04	1.3	<1	.33	5	<5	7.5
SRA-02	1.3	19.8	40.8	95	2	17.3	8.0	498	2.74	2.4	1.3	2.1	9.6	32	2	.5	.4	55	.19	.104	30	28.0	.46	274	.156	2	2.80	.015	.08	2	.03	2.6	1	.13	10	<5	15.0
SRA-03	1.2	20.3	21.2	135	2	14.8	5.5	359	2.00	3.1	1.5	1.1	10.5	25	4	.6	.3	38	.16	.221	49	16.4	.25	348	.130	1	3.46	.020	.08	2	.04	2.4	1	.10	8	<5	15.0
SRA-04	1.1	10.2	27.7	83	1	11.0	4.9	581	1.80	2.3	.7	1.3	5.4	18	1	.4	.3	35	.13	.093	19	16.2	.31	224	.107	2	2.23	.019	.07	2	.03	1.7	1	.10	7	<5	15.0
SRA-05	.8	8.9	32.4	134	.3	9.4	5.2	1175	1.66	3.4	.6	.7	4.6	21	4	.9	.3	33	.15	.079	55	13.6	.23	216	.096	1	1.62	.017	.06	2	.04	1.1	1	.09	6	<5	15.0
SRA-06	1.0	17.5	22.5	73	1	14.2	6.8	978	2.12	2.2	.9	1.4	7.0	28	2	.6	.4	42	.25	.155	24	22.8	.41	225	.113	2	2.50	.019	.07	1	.03	2.3	1	<0.5	7	<5	15.0
SRA-07	1.1	20.6	24.2	83	2	17.9	9.1	547	2.84	2.8	1.4	.9	9.4	54	2	.7	.3	58	.38	.173	35	30.9	.67	241	.176	1	3.81	.016	.07	3	.05	3.8	1	.08	11	<5	15.0
SRA-08	1.3	22.7	18.3	70	1	16.9	7.5	520	2.50	1.8	1.9	1.5	9.7	31	2	.9	.3	48	.20	.190	56	25.4	.45	207	.152	1	3.69	.017	.06	2	.05	4.5	1	<0.5	10	<5	15.0
SRA-09	1.8	23.2	26.3	87	1	22.9	9.1	424	3.14	3.4	1.7	1.1	12.9	34	1	.6	.3	68	.23	.188	40	41.8	.68	139	.110	1	2.82	.010	.07	3	.04	3.3	1	.07	11	<5	15.0
SRA-10	1.6	22.5	18.0	128	1	16.5	6.9	513	2.48	2.8	2.1	1.0	10.9	44	2	.7	.3	47	.30	.237	58	23.4	.44	292	.114	2	3.04	.016	.10	2	.01	2.9	1	<0.5	8	<5	15.0
SRA-11	1.5	14.7	16.4	111	1	16.0	6.4	912	2.27	2.9	1.5	1.6	9.1	30	2	1.4	.3	40	.23	.258	49	17.4	.31	290	.132	2	3.14	.021	.12	2	.05	3.0	1	<0.5	8	<5	15.0
SRA-12	1.4	19.4	23.7	151	2	26.2	10.3	395	3.50	1.4	2.1	.7	16.5	40	2	.5	.3	62	.31	.278	102	27.1	.31	376	.094	2	2.66	.020	.14	3	.03	4.4	1	<0.5	9	<5	15.0
SRA-13	1.9	15.7	25.7	148	1	26.5	10.1	824	3.70	1.6	1.8	.8	13.7	48	2	.5	.3	69	.29	.290	95	29.4	.26	472	.071	2	2.30	.017	.13	2	.02	3.9	1	<0.5	8	<5	15.0
SRA-14	1.5	21.1	20.8	135	2	20.6	9.3	830	3.10	3.1	2.5	1.5	13.5	49	3	.6	.3	55	.42	.341	82	25.9	.44	450	.150	2	3.29	.020	.11	2	.04	3.8	1	<0.5	11	<5	15.0
SRA-15	.8	12.8	14.1	108	2	12.2	3.9	561	1.78	2.3	1.9	.9	7.1	30	3	1.2	.3	26	.28	.237	18	8.8	.15	315	.158	2	3.89	.023	.09	2	.06	2.1	1	<0.5	9	<5	15.0
SRA-16	.8	15.1	12.6	95	1	17.7	5.7	712	1.86	1.7	1.3	.6	6.3	40	3	.5	.2	31	.27	.257	38	16.9	.24	384	.138	2	3.33	.025	.10	2	.03	3.8	1	<0.5	8	<5	15.0
SRA-17	1.3	13.9	24.3	141	1	16.4	6.4	1689	2.05	1.7	1.7	1.6	5.9	45	5	.6	.3	34	.30	.205	30	20.9	.24	418	.099	2	2.64	.020	.10	1	.03	3.1	2	<0.5	8	<5	15.0
SRA-18	1.4	26.4	18.9	100	1	18.5	6.7	849	2.34	1.7	2.3	.8	10.4	39	2	.5	.3	41	.26	.185	32	23.6	.26	408	.099	2	2.64	.019	.09	2	.03	3.1	1	<0.5	7	<5	15.0
SRA-19	2.1	34.0	32.3	108	2	49.7	15.6	1382	4.42	2.3	12.8	.9	18.7	121	3	.4	.4	76	.73	.191	202	69.6	.93	548	.145	1	4.03	.028	.22	2	.05	10.8	2	<0.5	13	5	15.0
SRA-20	2.4	24.9	23.6	111	1	37.6	13.8	783	3.98	2.0	1.3	<5	9.9	74	1	.3	.3	72	.46	.313	68	58.2	.87	650	.144	1	2.69	.018	.14	2	.03	5.8	1	<0.5	12	<5	15.0
SRA-21	3.2	36.2	21.6	80	4	25.7	7.8	936	3.33	8	36.5	1.8	18.4	80	2	.3	.4	55	.51	.052	202	38.8	.36	450	.070	1	3.21	.018	.11	2	.05	7.6	1	<0.5	10	5	15.0
SRA-22	9	13.9	20.2	74	2	11.7	5.4	1197	1.69	3.4	1.6	.6	3.5	52	6	.6	.2	31	.40	.115	51	18.6	.28	341	.078	1	1.77	.018	.08	1	.07	2.2	1	<0.5	6	<5	15.0
SRA-23	1.2	8.9	9.1	43	1	6.9	3.3	1297	1.35	2.2	7	1.2	2.2	21	2	.9	.2	24	.19	.144	10	7.4	.14	256	.116	2	2.74	.021	.07	1	.04	1.8	1	<0.5	7	<5	15.0
SRA-24	1.4	24.3	17.8	81	1	18.8	9.1	477	2.87	5.3	3.3	1.8	9.3	64	3	.7	.4	61	.49	.118	25	39.0	.68	429	.142	2	3.84	.014	.09	2	.04	4.1	1	<0.5	11	<5	7.5
SRA-25	1.2	13.3	14.6	78	1	8.5	4.8	2392	1.53	3.4	.7	<5	2.4	37	4	.7	.2	27	.30	.121	13	11.5	.22	381	.094	2	2.12	.019	.08	1	.05	1.8	2	<0.5	6	<5	15.0
SRA-26	.8	16.3	15.9	75	1	13.4	7.3	1218	1.75	2.5	.7	<5	3.2	54	3	.5	.2	42	.47	.117	61	28.5	.57	281	.063	1	1.18	.025	.04	1	.03	3.6	1	<0.5	6	<5	15.0
SRA-27	1.5	19.7	14.1	159	1	27.3	8.7	635	2.46	1.1	1.4	1.2	7.5	50	3	.4	.3	48	.35	.119	61	38.3	.63	366	.133	3	3.29	.023	.16	2	.03	5.7	1	<0.5	10	<5	15.0
SRA-28	1.3	25.1	12.7	78	1	9.2	6.6	383	2.88	6	1.9	1.8	7.1	40	1	.2	.2	63	.22	.034	30	9.6	.24	501	.036	2	2.28	.015	.15	2	.02	3.8	1	<0.5	7	<5	7.5
RE SRA-28	1.3	23.4	12.8	72	1	8.8	6.7	381	2.85	.6	1.8	<5	7.3	40	1	.2	.3	61	.24	.034	30	9.9	.24	494	.030	<1	2.83	.014	.14	2	.01	3.9	1	<0.5	6	<5	7.5
SRA-29	1.2	17.0	13.8	88	1	11.2	8.0	481	3.40	1.0	2.0	<5	5.8	34	1	.3	.2	74	.24	.067	25	19.7	.34	296	.017	1	1.61	.009	.13	2	.02	3.3	1	<0.5	6	<5	15.0
SRA-30	1.5	18.5	18.6	136	2	15.1	8.5	1570	2.51	5.7	1.5	<5	9.4	45	3	.5	.2	46	.41	.235	94	24.6	.41	445	.062	2	2.17	.017	.11	1	.04	4.7	1	<0.5	8	<5	15.0
SRA-31	3.7	22.2	13.7	86	1	18.5	9.9	746	2.75	1.1	1.4	<5	8.3	51	2	.5	.2	50	.37	.107	66	26.2	.29	255	.033	2	1.20	.015	.11	2	.03	4.0	1	<0.5	5	<5	15.0
SRA-32	2.7	20.5	12.5	87	1	24.5	9.3	310	2.90	.8	1.2	1.1	15.4	52	1	.8	.2	51	.32	.101	53	23.0	.31	554	.052	2	2.35	.017	.12	1	.03	3.7	1	<0.5	8	<5	15.0
SRA-33	1.1	8.5	12.5	103	1	12.3	3.8	670	1.47	4.0	.7	<5	5.3	44	2	.8	.2	24	.33	.162	19	11.3	.16	349	.096	3	2.38	.020									





SAMPLE#	Ni	Cu	Pb	Zn	Ag	Rt	Co	Mn	Fe	As	U	Au	Th	Sr	Cr	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Hg	Sc	Tl	S	Ga	Se	Sample	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
SRA-34	1.5	6.5	10.4	85	.1	19.0	8.0	217	2.88	3.8	.8	.6	8.3	51	.1	.4	1	80	.37	.044	30	49.0	.39	196	933	2	1	.30	.014	.12	.1	.02	4.4	.1	<.05	5	<.5	15.0
SRA-35	1.5	11.1	14.8	127	.2	13.5	5.4	431	1.78	2.2	.9	1.8	4.3	29	.2	.6	2	35	.18	.125	14	17.1	.20	184	123	1	2	.64	.020	.08	.2	.04	2.2	.1	<.05	7	<.5	15.0
SRA-36	1.2	6.0	14.3	41	.1	4.2	2.4	342	.86	2.8	1.3	.6	2.4	20	.2	.6	2	20	.16	.049	24	7.7	.09	65	.041	1	.72	.023	.05	.1	.02	.8	<.1	<.05	3	<.5	15.4	
SRA-37	1.3	9.5	14.7	96	.2	11.4	3.8	354	1.68	3.1	4.9	<.5	4.9	27	.2	.5	2	26	.19	.146	39	11.9	.13	141	129	3	3	.19	.023	.05	.1	.03	1.8	.1	<.05	7	<.5	15.0
SRA-38	.7	8.2	11.8	48	<.1	8.2	4.3	183	2.03	2.3	.8	<.5	7.3	22	.1	.3	2	47	.17	.079	29	25.9	.21	68	.048	1	.70	.008	.05	.2	.01	1.2	.1	<.05	4	<.5	15.0	
SRA-39	.8	14.1	13.4	79	<.1	34.9	18.9	274	5.02	1.5	1.2	.6	8.9	40	.1	.3	.2	187	.45	.036	15	60.3	1.00	130	.141	1	1	.84	.019	.08	.3	.01	6.5	.1	<.05	9	<.5	15.0
SRA-40	.8	26.9	41.9	95	.1	40.8	21.3	462	4.83	1.7	.9	.6	9.1	98	.2	.4	.3	149	.81	.048	29	62.9	1.77	261	.273	2	2	.96	.017	.08	.4	.02	8.4	.1	<.05	12	<.5	15.0
SRB-01	1.8	15.3	14.2	81	.2	9.8	3.9	829	1.55	3.8	1.7	.8	5.0	47	.3	.8	.2	24	.30	.146	41	11.8	.15	295	.138	3	3	.46	.027	.07	.2	.03	2.5	.1	<.05	7	<.5	15.0
SRB-02	1.6	10.2	14.6	139	.1	8.3	3.3	1249	1.39	3.0	.4	<.5	3.6	38	.4	.7	.2	21	.22	.256	17	10.2	.13	325	.089	3	2	.08	.021	.08	.1	.03	1.0	.1	<.05	5	<.5	15.0
SRB-03	2.1	24.9	23.6	70	.2	4.3	4.6	653	2.44	10.3	1.4	1.8	4.2	68	.3	1.1	.3	41	.33	.046	25	9.2	.15	369	.016	<.1	.98	.009	.12	.3	.03	2.3	.1	.06	4	<.5	15.0	
SRB-04	.7	8.9	13.4	108	.1	8.3	3.1	994	1.21	14.2	.4	<.5	2.3	42	.3	1.4	.2	21	.35	.132	15	9.6	.17	274	.076	3	1	.67	.018	.12	.1	.04	2.0	.1	<.05	4	<.5	15.0
SRB-05	.6	16.4	15.0	228	.2	10.5	4.4	746	1.68	2.6	.6	.8	1.7	59	.3	.3	.3	33	.38	.086	19	15.3	.25	434	.062	3	1	.60	.018	.13	.1	.03	2.6	.1	<.05	5	<.5	15.0
SRB-06	2.1	16.4	22.1	131	.2	16.5	7.1	1025	2.45	2.7	1.0	<.5	6.0	43	.2	.6	.3	36	.28	.236	33	23.8	.28	507	.068	2	2	.32	.019	.12	.2	.03	4.1	.2	<.05	7	<.5	15.0
SRB-07	1.3	18.9	23.3	122	.2	15.8	5.8	1459	2.15	9.3	1.1	.6	7.8	69	.3	1.7	.2	35	.39	.458	38	32.1	.33	571	.097	3	2	.33	.017	.08	.3	.05	4.0	.1	<.05	7	<.5	15.0
SRB-08	.7	11.7	16.8	65	.1	9.7	4.2	250	2.10	2.6	1.0	<.5	11.5	47	.2	.4	.2	35	.34	.078	52	19.8	.21	203	.079	2	1	.58	.016	.09	.3	.02	2.3	.1	<.05	6	<.5	15.0
SRB-09	.9	8.2	15.2	78	.1	9.1	3.5	778	1.62	2.2	.5	<.5	6.2	45	.2	.7	.2	26	.28	.139	27	13.9	.16	318	.070	2	1	.44	.017	.11	.2	.02	1.6	.1	<.05	4	<.5	15.0
SRB-10	.6	12.8	13.9	111	.1	10.9	4.7	369	2.09	3.0	1.0	<.5	11.8	45	.2	.5	.2	36	.32	.085	53	18.7	.26	278	.082	2	1	.43	.015	.17	.3	.01	2.3	.1	<.05	5	<.5	15.0
SRB-11	1.0	18.7	19.4	89	.2	16.3	5.6	310	2.40	2.6	1.3	<.5	14.7	68	.1	.4	.3	37	.33	.260	101	29.9	.30	298	.125	3	3	.00	.024	.14	.4	.02	4.4	.1	<.05	8	<.5	15.0
SRB-12	.8	9.3	18.7	90	.2	11.9	3.6	380	1.53	3.6	.9	1.0	7.2	47	.3	.6	.2	25	.21	.162	43	13.6	.19	227	.090	2	2	.04	.024	.10	.2	.02	2.2	.1	<.05	5	<.5	15.0
SRB-13	.9	9.0	15.3	98	.1	11.2	3.8	561	1.68	6.0	.7	1.2	6.5	73	.3	.5	.2	26	.28	.422	29	17.6	.17	364	.072	2	1	.51	.018	.09	.2	.02	1.9	.1	<.05	5	<.5	15.0
SRB-14	.8	7.6	9.7	68	.1	12.7	2.9	602	1.30	4.8	.5	<.5	3.8	66	.2	.5	.2	18	.27	.219	16	10.5	.13	294	.088	3	1	.98	.022	.10	.1	.02	1.7	.1	<.05	5	<.5	15.0
SRB-15	1.2	15.2	15.7	103	.2	27.6	6.2	611	2.17	4.2	1.4	.9	7.9	82	.2	.6	.2	33	.37	.308	39	38.2	.38	436	.095	5	2	.26	.021	.12	.2	.03	4.5	.1	<.05	6	<.5	15.0
RE SRB-15	1.3	14.6	15.6	107	.2	27.7	6.3	622	2.21	4.1	1.4	.8	7.9	83	.2	.7	.2	33	.38	.294	39	36.9	.37	437	.095	4	2	.24	.022	.12	.2	.03	4.7	.1	<.05	7	<.5	15.0
SRB-16	2.1	31.2	22.6	102	.4	33.2	7.2	843	3.91	2.1	1.2	<.5	8.1	84	.4	.6	.3	41	.53	.115	46	46.0	.43	412	.062	4	1	.63	.018	.12	.2	.03	6.4	.1	<.05	6	<.5	15.0
SRB-17	3.7	27.0	25.0	110	.2	50.9	9.1	739	2.99	3.3	2.6	.6	9.8	52	.3	.9	.3	46	.30	.123	52	51.8	.55	370	.084	3	2	.30	.016	.12	.2	.03	6.6	.1	<.05	8	<.5	15.0
SRB-18	1.8	28.1	17.1	63	.2	83.4	10.3	441	3.43	2.0	1.1	.9	10.8	94	.2	.7	.2	38	.57	.495	69	71.5	.52	258	.008	1	1	.37	.005	.15	.2	.03	5.9	.1	<.05	6	<.5	7.5
SRB-19	2.3	20.4	22.4	147	.3	15.3	5.3	1532	2.07	1.9	1.3	<.5	8.9	96	.4	.4	.3	29	.61	.161	88	19.8	.27	642	.047	2	1	.78	.018	.16	.1	.03	3.7	.1	<.05	6	<.5	15.0
SRB-20	6.4	17.5	25.7	85	.3	18.0	7.3	327	2.47	5.7	1.6	3.8	14.0	82	.1	.3	.3	22	.42	.086	79	13.6	.14	600	.041	3	1	.65	.019	.25	.1	.03	3.4	.1	<.05	5	<.5	15.0
SRB-21	.7	13.9	18.3	101	.3	10.7	3.8	405	1.44	4.8	2.4	<.5	7.5	60	.3	1.2	.3	20	.52	.245	38	7.9	.19	420	.142	4	3	.05	.031	.20	.2	.04	2.8	.1	<.05	6	<.5	15.0
SRB-22	2.2	14.8	31.4	138	.2	16.3	6.7	730	2.64	6.1	1.1	.5	8.8	47	.2	.7	.4	34	.31	.135	55	21.2	.25	616	.072	2	2	.43	.020	.18	.1	.02	3.5	.2	<.05	7	<.5	15.0
SRB-23	1.8	11.7	20.3	69	.2	7.2	3.8	760	1.82	2.9	2.2	2.7	10.7	27	.2	.8	.5	30	.16	.123	46	11.8	.18	270	.075	1	2	.49	.019	.08	.2	.04	2.5	.1	<.05	6	<.5	15.0
SRB-24	1.0	14.7	18.9	97	.2	13.2	5.5	354	2.26	2.6	1.0	<.5	11.3	62	.2	.6	.3	35	.34	.126	48	19.1	.22	443	.077	2	2	.30	.021	.13	.2	.02	3.0	.1	<.05	6	<.5	15.0
SRB-25	1.4	11.8	19.9	66	.1	13.3	5.9	391	2.48	1.2	1.5	<.5	15.2	42	.2	.7	.3	46	.26	.040	75	26.5	.29	239	.089	1	1	.72	.016	.11	.3	.02	3.1	.1	<.05	6	<.5	15.0
SRA-01	.8	11.8	11.8	67	.1	12.1	4.0	427	1.79	1.6	1.1	<.5	7.0	42	.1	.2	.2	28	.24	.237	41	16.7	.17	225	.092	2	2	1.19	.019	.08	.2	.02	2.4	.1	<.05	6	<.5	15.0
STANDARD DS6	12.0	125.9	30.7	145	.2	25.5	10.7	722	2.89	21.5	6.8	54.6	3.2	37	6.2	3.6	5.1	58	.90	.079	15	192.4	.60	163	.081	17	1	.96	.074	.16	3.5	.22	2.4	1.8	<.05	6	4.5	15.0

Sample type: SOIL SS&O GRC. Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mn	Co	Ni	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Y	S	Ga	Se	Sample gm
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
SRC-02	.9	8.4	11.3	70	.1	0.8	3.9	280	1.78	3.2	.9	.6	7.6	21	.2	.4	.1	34	.14	132	27	18.5	16	146	079	2	1.49	.015	.05	.2	.02	1.6	.1	.07	5	<.5	15.0
SRC-03	.7	10.8	13.8	105	.2	9.7	3.6	407	1.93	1.9	.7	.6	4.6	30	.2	.4	.2	22	.15	.202	22	10.2	13	360	079	2	1.47	.023	.07	.1	.03	1.5	.1	.07	5	<.5	15.0
SRC-04	.9	9.8	21.6	96	.2	11.5	4.4	490	2.02	1.1	1.3	1.0	12.2	27	.2	.2	.2	35	.17	033	71	19.3	19	219	007	2	1.92	.016	.09	.2	.02	2.2	.1	<.05	6	<.5	15.0
SRC-05	.9	13.2	18.1	89	.2	12.4	4.3	632	1.83	1.2	1.4	2.3	9.3	24	.2	.3	.2	32	.15	093	45	17.2	20	301	100	2	2.26	.018	.09	.2	.03	2.4	.1	<.05	7	<.5	15.0
SRC-06	.9	7.8	12.9	108	.1	9.5	3.2	622	1.23	2.7	.6	<.5	3.6	44	.2	.4	.2	20	.25	.241	24	9.0	16	462	093	3	1.86	.024	.09	.1	.03	1.5	.1	<.05	5	<.5	15.0
SRC-07	.8	11.1	17.3	94	.2	14.5	4.6	239	2.00	3.2	1.3	<.5	10.0	40	.2	.5	.2	33	.25	.166	45	20.8	24	320	086	2	2.03	.018	.09	.2	.02	1.8	.1	<.05	7	<.5	15.0
SRC-08	.6	7.0	18.8	91	.1	10.5	3.4	298	1.75	2.8	.9	<.5	9.2	30	.2	.3	.2	32	.18	.143	37	17.6	17	288	058	2	1.41	.015	.09	.2	.02	1.3	.1	<.05	5	<.5	15.0
SRC-09	.8	12.5	17.0	72	.2	9.9	4.6	203	1.88	1.3	1.9	.5	12.8	52	.3	.5	.2	31	.28	083	95	15.8	19	400	107	2	2.42	.026	.08	.2	.03	2.8	.1	<.05	7	<.5	15.0
SRC-10	.9	9.8	19.6	206	.1	6.8	3.2	1415	1.14	3.1	.5	<.5	3.6	54	.3	.4	.2	20	.34	.133	21	9.6	14	575	065	4	1.26	.021	.10	.1	.02	1.2	.1	<.05	4	<.5	15.0
SRC-11	2.2	24.6	29.0	179	.2	7.4	8.0	1336	1.82	5.7	.8	.6	3.3	45	.0	.8	.3	29	.31	.151	50	11.4	13	576	052	4	.99	.023	.07	.2	.03	1.7	.1	<.05	4	<.5	15.0
SRC-12	1.7	18.5	10.3	65	.2	8.9	3.6	1825	1.41	2.0	1.0	2.8	3.5	32	.1	.4	.2	20	.18	.132	21	8.6	13	285	124	3	2.90	.026	.07	.1	.04	2.1	.1	<.05	7	<.5	15.0
SRC-13	1.6	8.2	14.0	48	.1	9.9	3.9	347	1.68	1.8	1.4	.6	5.5	35	.1	.7	.2	29	.21	.024	23	16.7	20	268	099	4	1.92	.019	.10	.1	.02	1.5	.1	<.05	7	<.5	15.0
SRC-14	.7	9.5	14.0	60	.2	10.8	4.0	210	1.96	1.9	1.2	<.5	10.6	29	.3	.4	.2	37	.23	080	46	22.3	21	204	090	2	1.53	.014	.08	.2	.01	1.6	.1	<.05	5	<.5	15.0
SRC-15	.8	12.4	17.5	70	.2	10.5	4.4	245	2.10	1.1	1.4	.5	11.1	35	.1	.3	.2	36	.23	.049	58	20.9	20	455	083	1	2.05	.015	.09	.2	.02	2.0	.1	<.05	6	<.5	15.0
SRC-16	.9	9.2	8.9	65	.2	8.0	3.8	360	1.22	1.3	.7	<.5	2.9	34	.1	.5	.2	25	.26	.062	19	8.0	13	199	113	2	1.91	.032	.08	.1	.03	1.9	.1	<.05	5	<.5	7.5
RE SRC-16	.9	8.5	8.5	60	.2	7.2	3.4	330	1.13	1.3	.7	<.5	2.6	31	.2	.4	.2	22	.25	.057	18	7.6	12	181	104	1	1.76	.030	.07	.2	.02	1.7	.1	<.05	5	<.5	7.5
SRC-17	1.2	17.2	20.8	67	.3	13.2	5.7	392	2.23	2.6	1.8	1.4	13.2	31	.2	.6	.3	39	.22	.173	87	21.7	29	218	135	2	3.33	.015	.08	.3	.02	2.8	.1	<.05	9	<.5	15.0
SRC-18	1.3	8.8	9.8	73	.1	9.9	3.6	1117	1.38	2.0	.8	.9	3.4	39	.2	.8	.2	21	.29	.179	16	9.0	14	327	120	4	2.77	.026	.08	.1	.03	2.1	.1	<.05	7	<.5	15.0
SRC-19	1.4	17.4	14.0	63	.5	18.7	4.6	291	1.94	7.6	2.5	.6	6.9	48	.2	.9	.3	29	.34	.253	22	14.6	19	200	171	4	4.70	.028	.07	.3	.05	2.7	.1	<.05	10	<.5	15.0
SRC-20	1.4	26.7	12.0	26	.2	8.2	4.5	124	1.58	2.3	1.5	.7	4.6	43	.1	.2	.2	28	.28	.156	16	7.1	16	211	170	1	4.56	.045	.04	.2	.03	2.8	.1	<.05	11	<.5	15.0
STANDARD US6	11.9	123.9	30.2	143	.3	25.6	10.6	712	2.88	21.1	6.6	47.5	3.2	38	6.2	3.3	4.9	56	.88	.076	15	187.1	.60	161	082	18	1.93	.073	.16	3.4	22	3.5	1.7	<.05	6	4.4	15.0

Sample type: SOIL SS80 60C. Samples beginning "RE" are Retuns and "RRE" are Reject Retuns.

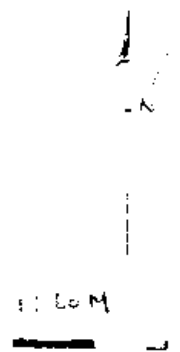
ORIGINAL STREET BRANCH  
SRA

1	<.5
2	2.1
3	1.1
4	1.3
5	.7
6	1.4
7	.9
8	1.5
9	1.1
10	1.2
11	1.6
12	.7
13	.8
14	1.5
15	.9
16	.6
17	1.6
18	.8
19	.9
20	2.5
21	1.8
22	.6
23	1.2
24	1.8
25	2.5
26	2.5
27	1.2
28	1.0
29	2.5
30	2.5
31	2.5
32	1.1
33	<.5
34	.6
35	1.8
36	.6
37	<.5
38	<.5
39	.6
40	.6

Soil Recce  
LINE

SRA

Sample # 1 - 62 PP6  
(1 - <.5)



GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

27.945

SOIL RECCE LINE

SRB

Sample # - Au PPL

(1 - 25)



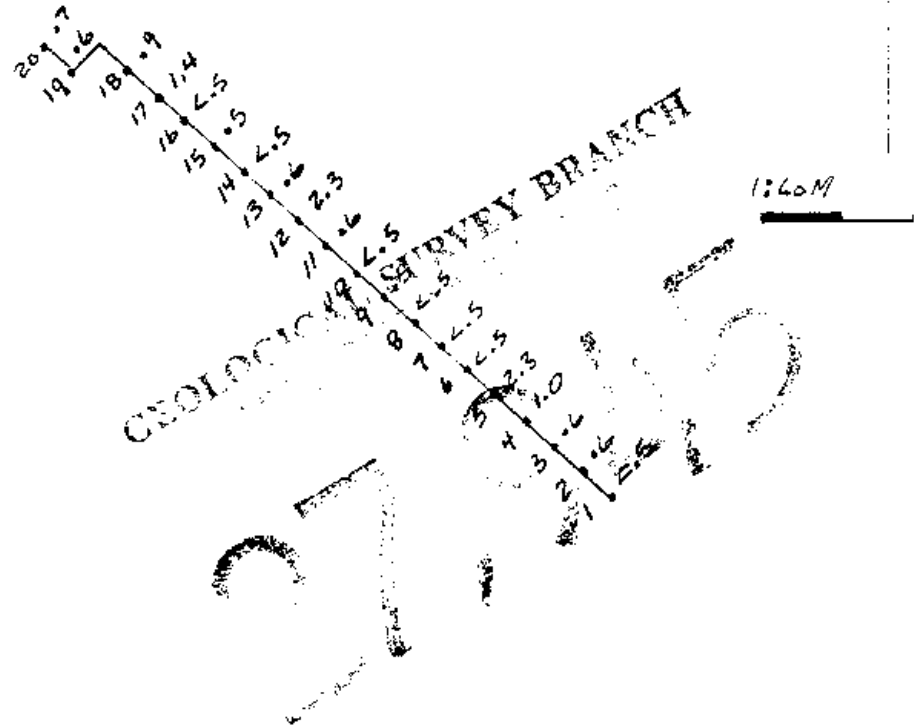
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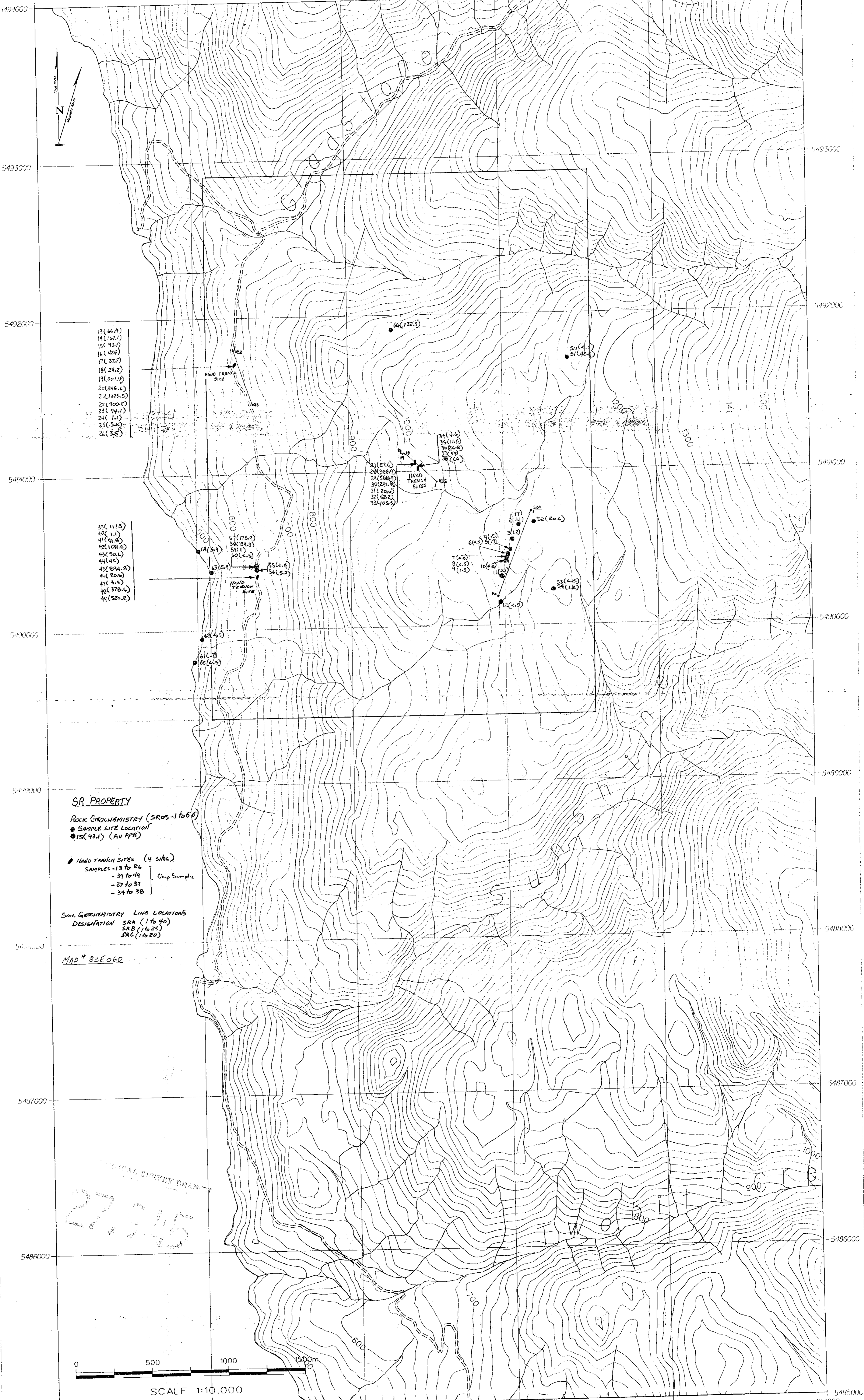


Soil Recce Line

SRC

Sample # - Au PP6  
(1 - 4.5)





- 13(66.4)
- 14(107.1)
- 15(93.1)
- 16(42.4)
- 17(37.7)
- 18(24.2)
- 19(20.4)
- 20(245.4)
- 21(1515.5)
- 22(100.2)
- 23(94.1)
- 24(11)
- 25(5.6)
- 26(3.5)

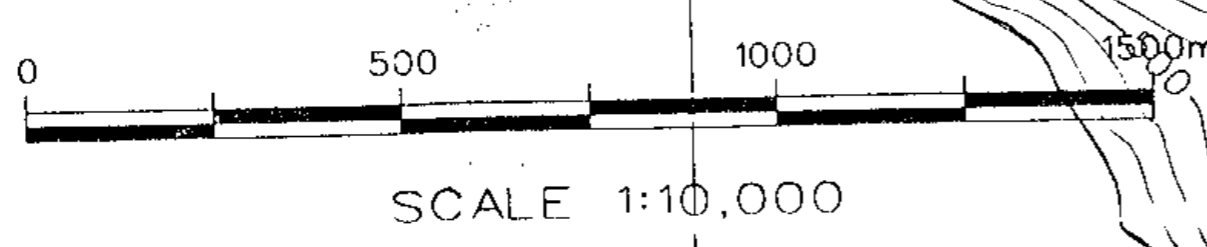
- 39(117.3)
- 40(1.1)
- 41(41.6)
- 42(108.2)
- 43(50.6)
- 44(45)
- 45(294.8)
- 46(80.6)
- 47(4.5)
- 48(370.1)
- 49(520.2)

**SR PROPERTY**  
**ROCK GEOCHEMISTRY (SR05-1 to 66)**  
 ● SAMPLE SITE LOCATION  
 ● 15(93.1) (AV PFB)

● HAND TRENCH SITES (4 sites)  
 SAMPLES - 13 to 26  
 - 39 to 49 } Chip Sample  
 - 27 to 33  
 - 34 to 38

SOIL GEOCHEMISTRY LINE LOCATIONS  
 DESIGNATION SRA (1 to 40)  
 SRB (1 to 25)  
 SRC (1 to 20)

MAP # 82E060



27,315

5494000  
 5493000  
 5492000  
 5491000  
 5490000  
 5489000  
 5488000  
 5487000  
 5486000  
 5485000