

094660

Geochemical & Prospecting Report  
2005

Host Claims  
Whitehorse Mining District

NTS 115 H / 4

Lat. 61 08 16.5  
Long. 137 53 05.1

Ruby Creek Valley



Current Owner:

Brad Mackinnon

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YUKON ENERGY MINES  
& RESOURCES LIBRARY  
PO BOX 2703  
WHITEHORSE, YUKON Y1A 2C6

Statement of Costs

1. Host claim YC 26236 (see description of work)	\$5,607.70
2. Sample collection (see description of work)	\$1,050.00
3. Site survey (see description of work)	\$1,700.00
4. Travel	\$200.00
5. Camp	\$350.00
6. Geochemical & rock analysis (Acme lab.)	\$954.82
7. Spectrum Analysis (Petra Science Consultants Inc.)	\$200.00

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Total \$ 10,062.52

## Description of Work

### 1. Host claim YC 26236.

Several highly oxidized quartz veins were encountered here while placer mining. Several vein samples were sent for analysis. B 4 - 7 on attached rock analysis sheets. Several bulk samples were processed through a long-tom and some rough gold was recovered. I decided that a larger bulk sample should be tested. Overlying gravel and upper rock section had been previously sluiced.

Pit Areas: 18 x 26 x 4 feet = 69.3 cu yd

60 x 85 x 3 feet = 566.6 cu yd

24 x 120 x 3 = 320 cu yd

Total bedrock ripped and piled with a JD 750 dozer = 955.9 cu yds

955.9 yds x \$3.00 = \$2,867.70

Sampling of veins with long-tom x one-half day = \$125.00

Processing of stockpiled rock using a JD 544 loader and a 5 foot diameter trommel. Broken rock constantly plugged the sluice riffles and so efficient recovery may have been hampered.

JD 544 loader x 5 days = \$300.00 per day = total \$1,500.00

4' trash pump x 5 days = total \$365.00

trommel x 5 days = \$750.00

All costs estimated as per YMIP guidelines. Total = \$ 5,607.70

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### 2. Collection of rock and soil samples.

As in 2004 all samples were screened to 20 mesh and dried, This year rock samples were left unwashed as i wished to determine if the oxidized gouge material was in fact the mineralized section. Analysis determined that this is unlikely. B4 - 7.

Total of three days labour = \$600.00

Atv x 3 days = \$450.00

Total using YMIP guideline = \$1,050.00

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### 3. Site survey by two geologists and self on Oct. 13 / 05.

Two Geologists x one day = \$500.00

Self = \$200.00

Heicopter to & from Haines Junction = \$1,000.00

Total cost = \$1,700.00

**Sample #4** Ruby Brad McKinnon

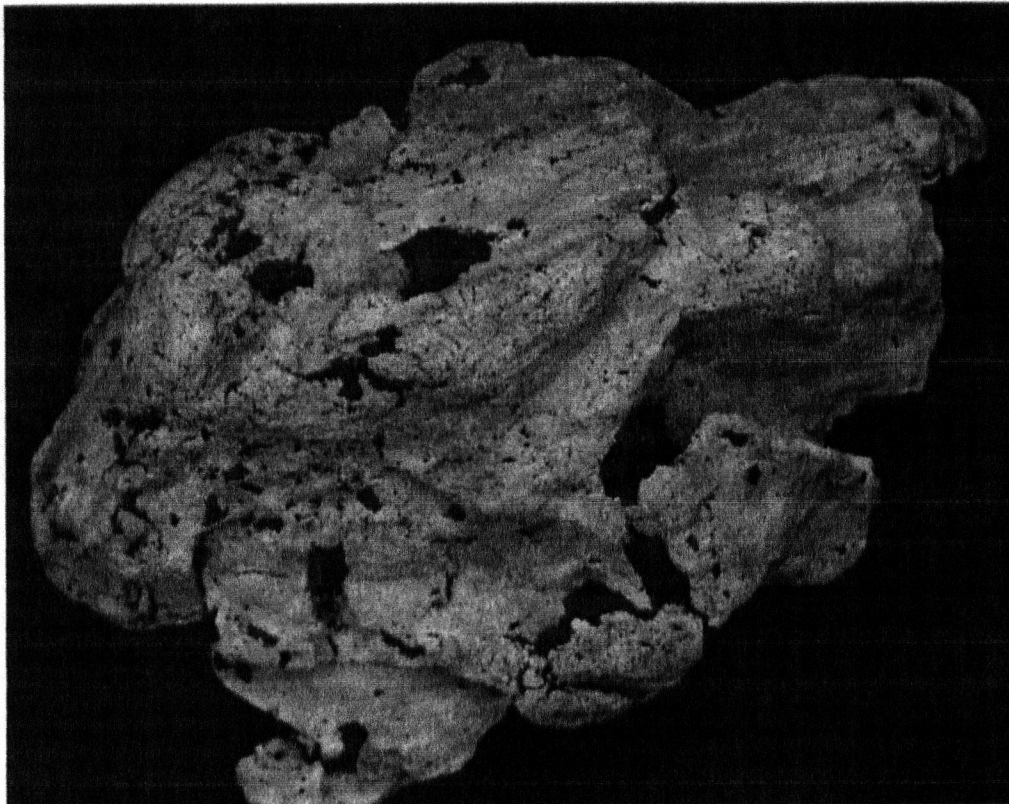
**Comments on Sample:** Gold nuggets, rare sulfides

**Precious Metal Minerals:**

Mineral (or possible ID)	Composition & Comments	Figures
Native gold	Au with Ag in cores, Au enriched rim	4-1 to 4-5
	Flakes, intergrown with galena	4-7 & 4-8

**Other Minerals:**

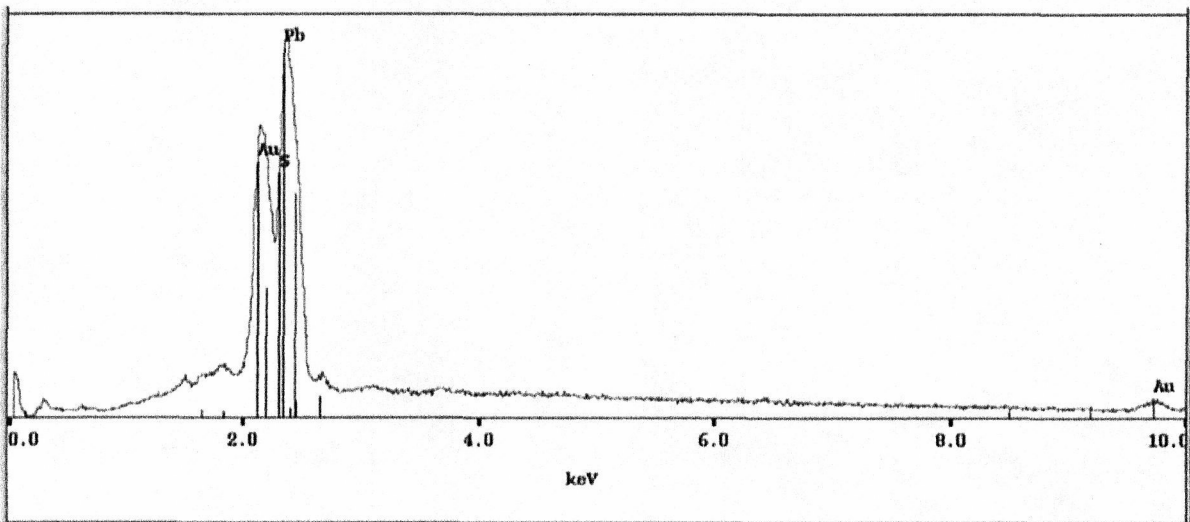
Mineral (or possible ID)	Composition & Comments	Figures
Galena	Intermixed with Au	4-7 & 4-8



**Figure 4-1.** BSE image of gold grain. FOV = ~ 3mm.



**Figure 4-7.** BSE image of gold-galena grains showing areas richer in Au (white) than others. FOV = ~ 1.5mm.



**Figure 4-8.** EDS spectrum of gold mixed with galena

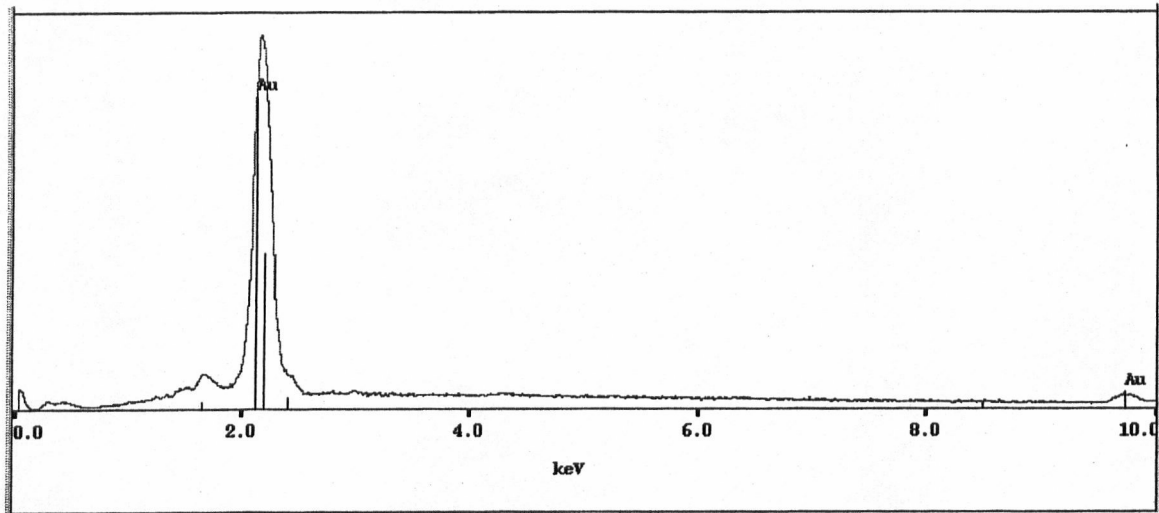


Figure 4-2. EDS spectrum of most common composition, showing Au and no other elemental peak

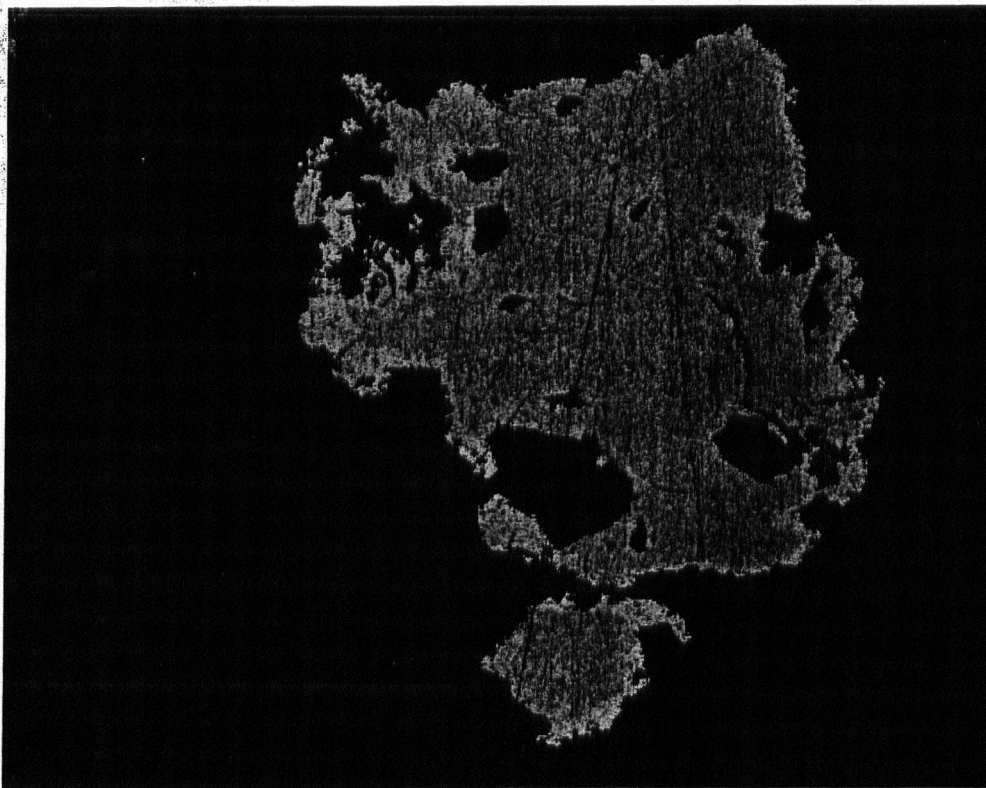
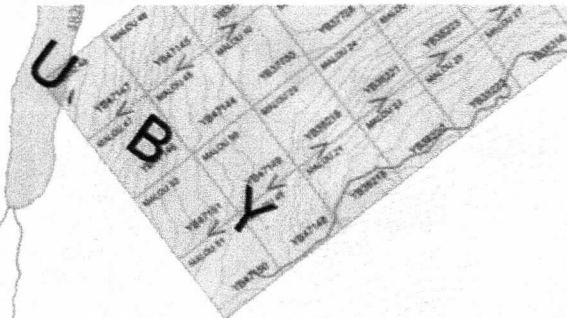
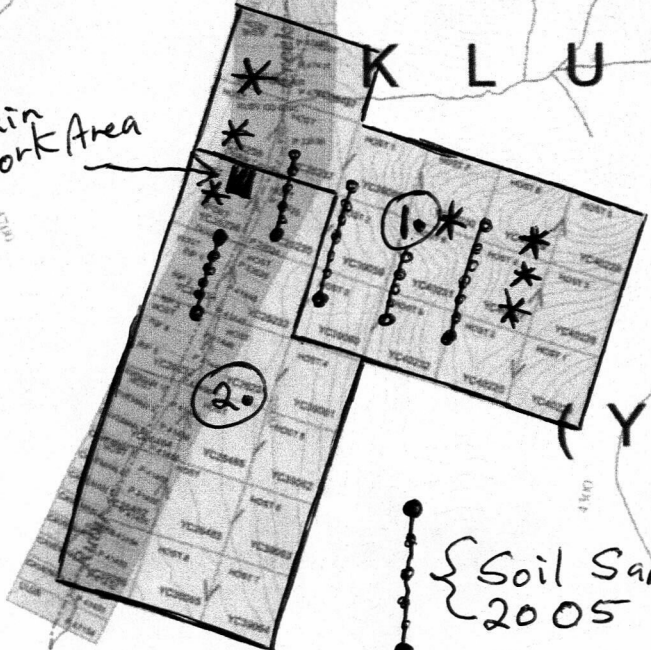


Figure 4-3. BSE image of a polished gold grain with enhanced contrast showing a brighter rim (Au-enriched) than the core. FOV = ~ 650  $\mu\text{m}$ .

Brad Mackinnon  
Ruby Creek  
115 H-4



Main  
\* Work Area



{ Soil Samples } Attached  
2005 } Geochems

\* Vein Samples (outcrops)  
Attached Assays

K L U A N E P L A

Y U K O N P L A



GEOCHEMICAL ANALYSIS CERTIFICATE

Big Bud Contracting PROJECT Ruby File # A505844 Page 1  
Box 5407, Haines Junction YT Y0B 1L0 Submitted by: Brad MacKinnon

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	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
T-1	.9	61.3	4.7	120	.2	61.0	22.7	885	4.85	25.1	1.0	8.7	4.3	47	.2	.2	.2	126	.91	.107	13	98.7	1.54	291	.204	3	2.72	.014	.93	.1	.01	8.2	.4	<.05	10	<.5
T-2	.7	65.3	5.0	81	.2	47.7	15.9	384	3.30	10.2	1.3	3.2	2.9	48	.2	.4	.1	79	1.15	.088	12	64.9	1.09	208	.125	3	1.84	.014	.42	.1	.02	5.5	.2	<.05	6	.5
T-3	.4	31.0	3.4	79	<.1	35.6	12.0	358	3.18	8.0	.5	23.3	2.3	28	.1	.2	.1	81	.55	.060	7	66.3	1.12	137	.144	<1	1.79	.015	.45	.1	.01	4.7	.3	<.05	7	<.5
T-4	.4	26.3	3.4	84	<.1	37.2	13.2	400	3.25	9.0	.4	7.8	2.2	28	.1	.1	.1	83	.53	.056	6	70.6	1.22	131	.155	<1	1.91	.017	.47	.1	.01	5.0	.3	<.05	7	<.5
T-5	.5	32.0	3.3	74	<.1	35.6	13.1	357	2.87	11.0	.5	3.1	2.6	30	.1	.1	.1	68	.55	.104	8	58.5	1.02	126	.117	1	1.65	.012	.36	.1	<.01	4.3	.2	<.05	6	<.5
T-6	.6	32.1	3.2	76	<.1	38.6	13.4	489	3.14	12.7	.5	6.0	2.3	30	.1	.1	.1	78	.53	.086	8	66.8	1.12	145	.122	<1	1.80	.012	.37	<.1	.01	4.4	.2	<.05	7	<.5
T-7	.5	29.5	2.8	70	<.1	34.5	13.0	409	2.94	10.3	.5	3.0	2.6	29	.1	.2	.1	70	.49	.089	9	54.7	.98	121	.110	<1	1.59	.015	.33	.1	.01	4.1	.2	<.05	5	<.5
T-8	.5	31.9	3.0	67	<.1	31.4	12.0	403	2.64	7.1	.4	4.7	2.4	29	.1	.2	.1	64	.52	.098	9	50.6	.91	108	.106	<1	1.49	.014	.30	.1	<.01	4.1	.2	<.05	5	<.5
M-1	.7	31.0	4.8	69	<.1	33.7	17.0	477	3.50	9.1	.4	31.3	2.7	31	.1	.3	.1	81	.65	.072	8	58.8	1.01	119	.116	<1	1.72	.014	.14	.2	.01	4.4	.2	<.05	6	<.5
M-2	.6	50.4	3.7	70	.2	36.2	8.9	275	2.44	4.1	1.1	7.9	1.5	39	.1	.3	.1	57	.72	.111	10	60.7	.92	145	.062	<1	1.70	.012	.14	<.1	.05	3.8	.1	.07	6	.9
M-3	1.1	54.7	4.9	101	.2	58.2	22.2	486	3.97	20.9	1.1	6.6	3.2	39	.1	.2	.1	95	.70	.070	14	78.7	1.23	174	.128	<1	2.28	.014	.55	.1	.03	5.8	.3	.07	8	<.5
M-4	.9	38.5	5.9	86	.1	39.0	18.5	650	4.02	26.5	.7	4.5	3.4	29	.3	.3	.2	94	.55	.088	10	64.4	1.06	115	.137	1	1.81	.014	.24	<.1	.01	5.4	.2	<.05	6	.6
M-5	1.4	80.0	5.3	114	.1	59.4	18.3	457	4.28	44.4	1.6	6.5	4.2	33	.1	.3	.2	102	.46	.121	13	80.9	1.23	226	.143	2	2.74	.009	.55	.5	.01	6.9	.4	<.05	9	<.5
M-6	.4	38.1	3.5	76	<.1	38.3	13.4	456	3.25	19.1	.8	3.1	2.9	30	.2	.2	.1	79	.54	.117	10	58.7	1.03	135	.106	2	1.79	.012	.37	.2	.02	4.6	.2	<.05	6	.5
RE M-6	.5	37.9	3.6	78	<.1	38.3	13.8	456	3.31	19.5	.8	5.4	2.9	30	.1	.2	.1	81	.54	.116	9	61.2	1.04	143	.111	1	1.81	.012	.39	.2	.02	4.7	.2	<.05	6	.6
H-1	.6	48.2	4.3	94	<.1	48.1	16.4	509	3.57	9.1	.7	4.2	3.0	31	.2	.3	.1	94	.64	.090	10	75.6	1.23	206	.149	<1	2.04	.018	.39	<.1	.02	5.6	.3	<.05	7	.5
H-2	.6	36.6	3.6	95	<.1	41.1	17.1	563	3.91	7.5	.5	3.9	2.6	30	.1	.2	.1	110	.50	.104	11	90.2	1.38	236	.192	<1	2.36	.013	.43	<.1	<.01	5.8	.3	<.05	8	.5
H-3	.7	37.0	3.2	81	<.1	39.8	16.1	564	3.63	6.9	.6	20.8	2.8	30	.1	.2	.1	97	.49	.124	11	78.7	1.26	228	.169	<1	2.18	.011	.44	.1	<.01	5.5	.3	<.05	7	<.5
H-4	.7	35.0	3.8	84	.3	37.9	16.7	440	3.41	6.5	.8	4212.1	3.2	28	.2	.2	.1	85	.45	.091	11	71.4	1.14	171	.136	3	1.97	.013	.39	.1	.11	5.3	.3	<.05	7	<.5
H-5	.6	36.7	4.3	75	.1	36.2	14.1	424	3.07	6.9	.8	12.0	2.6	29	.1	.3	.1	78	.47	.083	10	61.6	1.03	152	.113	<1	1.79	.012	.27	.1	.02	4.7	.2	<.05	6	.6
H-6	.5	32.9	4.7	71	<.1	32.0	11.1	309	2.97	6.0	.6	4.6	2.6	32	.1	.2	.1	72	.52	.095	10	59.3	1.04	118	.127	2	1.72	.018	.28	.1	.01	4.4	.2	<.05	6	<.5
F-1	.8	62.1	5.7	101	.2	52.7	16.7	447	3.46	19.3	1.2	58.0	3.9	39	.3	.3	.2	86	.66	.096	16	69.0	1.15	174	.132	<1	2.16	.013	.38	.1	.02	6.3	.2	<.05	7	.7
F-2	.4	32.8	4.2	112	.2	34.1	11.8	500	2.58	3.0	.9	77.1	2.6	36	.3	.3	.1	70	.71	.081	10	64.4	1.03	150	.110	1	1.85	.014	.32	.1	.04	5.2	.3	.06	6	<.5
F-3	.5	40.1	5.2	85	.1	38.9	13.1	456	2.92	11.7	1.0	188.9	3.2	31	.2	.3	.1	74	.48	.071	12	61.5	1.01	134	.115	<1	1.86	.013	.29	.1	.21	5.0	.2	<.05	6	.6
F-4	.3	31.1	4.4	77	<.1	32.1	13.3	323	2.96	6.1	1.0	16.3	2.9	32	.1	.2	.1	74	.58	.087	10	58.8	1.04	107	.121	4	1.85	.015	.23	<.1	.02	4.7	.2	<.05	6	.5
F-5	.4	42.9	5.4	86	.1	39.1	14.8	397	3.09	7.0	.9	704.4	3.1	33	.3	.3	.1	76	.63	.091	12	62.9	1.03	130	.120	1	1.83	.016	.29	.1	1.10	5.3	.2	<.05	6	.8
F-6	.4	50.1	4.9	81	.1	40.1	14.1	344	2.96	7.9	1.6	56.0	3.3	33	.2	.3	.1	74	.64	.088	12	59.5	1.03	129	.118	<1	1.81	.015	.27	.1	.04	5.3	.2	<.05	6	.7
F-7	.6	45.0	4.8	108	.3	45.9	15.3	532	3.47	11.8	.8	364.1	2.9	38	.3	.3	.1	78	.76	.114	14	63.9	1.00	183	.117	1	1.84	.014	.32	.1	.06	5.2	.2	<.05	6	.7
F-8	.4	33.2	3.4	76	<.1	35.1	11.8	380	2.85	6.7	.5	11.0	2.6	31	.2	.2	.1	72	.57	.102	10	57.3	1.00	111	.117	1	1.64	.017	.32	.1	.02	4.6	.2	<.05	6	<.5
F-9	.3	24.3	3.3	65	<.1	25.5	9.9	362	2.40	5.5	.4	6.1	1.8	34	.1	.2	.1	58	.67	.097	8	45.4	.82	90	.090	<1	1.36	.017	.19	.1	.01	3.8	.1	<.05	5	.5
F-10	.5	26.4	3.6	68	<.1	28.6	11.1	287	2.77	11.0	.4	5.1	2.5	30	.1	.3	.1	66	.57	.106	9	51.1	.93	98	.102	<1	1.47	.019	.23	.1	.01	3.8	.2	<.05	5	<.5
F-11	.6	41.1	4.9	79	<.1	40.1	14.2	589	3.09	8.3	.4	166.6	2.5	55	.3	.4	.1	71	1.84	.099	11	57.9	1.08	122	.114	1	1.59	.021	.24	.1	.04	5.0	.2	<.05	6	<.5
F-12	.5	53.8	5.0	85	<.1	43.1	15.6	525	3.17	9.8	.4	22.0	2.8	35	.2	.4	.1	72	.70	.100	12	56.5	.97	114	.116	<1	1.62	.022	.25	.1	.03	5.1	.1	<.05	5	<.5
F-13	.4	34.2	3.8	65	<.1	32.2	11.8	492	2.58	6.6	.4	47.6	2.0	57	.2	.3	.1	62	1.93	.096	9	45.4	.91	90	.101	1	1.38	.021	.18	.1	.02	3.9	.1	<.05	5	<.5
STANDARD	11.8	123.3	29.1	144	.3	25.2	10.7	699	2.83	21.0	6.5	44.7	2.9	40	6.0	3.4	4.9	55	.85	.080	14	187.3	.58	164	.080	17	1.94	.073	.16	3.4	.23	3.2	1.7	<.05	6	4.2

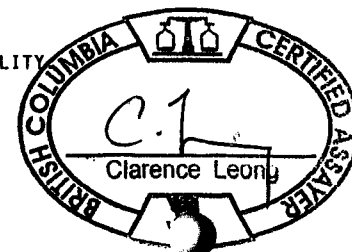
Standard is STANDARD DS6.

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.

(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY

- SAMPLE TYPE: SOIL S880 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data IS FA \_\_\_\_\_ DATE RECEIVED: SEP 19 2005 DATE REPORT MAILED: Oct 13/05



All results are considered the confidential property of the client. Acme assumes no liabilities for actual cost of the analysis only.



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.5	27.6	5.2	96	<.1	32.0	12.1	281	2.80	4.1	.7	11.1	2.9	31	.1	.2	.1	73	.54	.081	10	61.9	.99	114	.121	4	1.80	.014	.26	.1	.02	4.8	.2<.05	6	<.5	
G-2	.7	44.3	4.4	106	.2	46.8	16.0	480	3.47	11.9	.8	8.9	3.6	37	.3	.2	.1	75	.72	.124	14	62.0	1.01	151	.119	7	1.90	.014	.31	<.1	.01	5.1	.2<.05	6	.5	
G-3	.3	29.1	4.8	99	<.1	35.8	12.6	286	2.68	2.6	.9	14.4	2.4	30	.1	.3	.1	62	.51	.074	9	65.1	1.02	146	.117	6	1.93	.013	.28	.1	.04	5.0	.2<.05	6	.5	
RE G-3	.2	31.9	4.9	96	<.1	35.2	12.6	282	2.66	2.6	.9	36.3	2.5	30	.2	.3	.1	61	.50	.073	9	65.2	1.01	147	.118	1	1.87	.012	.28	.1	.03	5.2	.2<.05	7	<.5	
G-4	.7	49.6	4.4	99	.3	50.0	14.8	461	3.11	9.9	.8	32.6	2.9	42	.5	.3	.1	72	.84	.103	15	60.0	.97	174	.112	2	1.80	.014	.30	.1	.03	4.7	.2<.05	6	.8	
G-5	.8	32.7	4.6	91	.1	35.9	14.4	762	3.17	8.5	.7	5.6	2.7	28	.2	.2	.1	75	.48	.092	9	64.2	1.02	148	.129	4	1.82	.015	.27	.2	.01	4.5	.2<.05	6	.7	
G-6	.8	43.3	5.1	85	.2	37.3	14.7	482	3.22	9.6	.8	10.8	3.0	32	.1	.2	.1	78	.59	.095	10	66.4	1.02	143	.124	2	1.89	.012	.25	<.1	.02	5.1	.2<.05	7	.5	
G-7	.9	82.9	4.6	71	.2	49.1	13.8	416	3.67	8.5	2.0	8.6	2.9	73	1.0	.7	.1	61	1.75	.181	16	51.7	.76	315	.087	4	1.66	.017	.18	.1	.01	5.1	.1	.13	5	1.2
G-8	.4	39.9	4.5	71	.1	32.1	9.8	336	2.45	2.9	.9	6.5	1.8	39	.3	.3	.1	61	.74	.103	10	57.8	.90	176	.094	1	1.68	.012	.21	.2	.05	4.5	.2<.05	6	.8	
G-9	1.3	28.2	4.8	80	<.1	31.5	18.1	399	4.22	30.5	.9	5.8	2.8	32	.2	.3	.1	95	.57	.098	10	57.9	.94	120	.101	1	1.65	.015	.18	.1	.02	4.7	.2<.05	6	.6	
G-10	.2	30.6	4.8	87	<.1	35.0	12.1	321	2.70	2.9	.7	6.4	2.8	27	.1	.2	.1	71	.45	.074	9	63.1	1.09	128	.127	1	1.97	.013	.26	.1	.02	5.1	.2<.05	7	<.5	
G-11	.3	64.4	5.3	85	.1	42.7	13.3	317	2.57	3.5	1.2	53.3	2.2	37	.4	.4	.1	64	.74	.066	11	56.8	.93	145	.105	2	1.70	.016	.19	.1	.06	5.3	.2<.05	6	.9	
G-12	.3	28.3	4.8	104	.1	36.2	13.2	457	3.06	4.0	.7	7.8	3.4	34	.2	.2	.1	81	.63	.087	9	67.3	1.11	163	.136	2	2.02	.014	.28	<.1	.02	5.3	.2<.05	7	<.5	
G-13	.5	28.1	4.4	61	<.1	31.0	14.5	373	2.84	6.2	.6	2.1	2.0	32	.1	.2	.1	66	.58	.085	8	50.2	.92	99	.108	2	1.63	.018	.14	.1	.02	4.2	.1<.05	5	.5	
E-1	.7	38.3	4.1	69	.2	37.8	12.7	475	3.20	15.8	.6	921.5	2.8	40	.2	.2	.1	74	1.04	.110	10	54.0	.98	112	.109	1	1.64	.014	.32	.2	.14	4.5	.2<.05	5	<.5	
E-5	.6	40.0	4.5	61	<.1	35.7	12.6	477	2.63	7.6	.4	204.5	1.9	77	.3	.3	.1	62	3.13	.087	9	43.9	.99	81	.096	2	1.28	.020	.18	.1	.05	4.0	.1<.05	4	<.5	
W-3	.5	49.1	4.0	72	<.1	41.3	13.1	451	3.24	9.8	.4	16.7	2.5	52	.1	.2	.1	79	2.06	.101	10	59.9	1.17	140	.128	1	1.86	.019	.37	.1	.02	5.2	.2<.05	6	.5	
W-5	.5	31.7	2.8	60	<.1	30.8	11.3	345	2.74	16.5	.5	35.2	2.7	28	.1	.2	.1	69	.53	.137	9	47.6	.82	100	.093	2	1.40	.009	.30	.2	.02	3.7	.2<.05	5	<.5	
STANDARD	11.7	123.8	29.0	145	.3	24.9	10.9	712	2.86	21.3	6.5	45.2	2.9	40	6.1	3.3	5.0	56	.86	.079	14	188.7	.58	169	.081	17	1.93	.073	.16	3.4	.21	3.3	1.8	<.05	6	4.5

Standard is STANDARD DS6. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



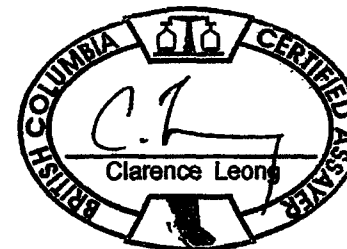
Big Bud Contracting PROJECT Ruby File # A505841  
Box 5407, Haines Junction YT Y0B 1E0 Submitted by: Brad MacKinnon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
B-4	3	56	12	88	.7	54	12	379	3.81	61	<8	<2	4	18	<.5	<3	<3	60	.24	.101	18	45	.58	106	.03	13	1.77	.03	.19	3
B-5	1	78	14	130	.3	89	20	502	4.63	84	<8	<2	5	20	.6	<3	<3	85	.26	.113	35	63	.93	155	.05	4	2.55	.03	.27	6
B-6	3	92	3	121	.3	83	20	639	5.92	125	<8	<2	4	25	1.1	<3	<3	88	.23	.097	21	56	.92	223	.06	<3	2.62	.02	.42	3
B-7	1	104	<3	216	.3	149	34	849	7.67	181	<8	<2	5	28	1.0	<3	<3	119	.32	.144	30	92	1.28	295	.09	6	3.08	.02	.53	7
STANDARD DS6	12	122	29	141	.4	24	9	742	2.91	22	<8	<2	4	41	5.9	4	6	59	.81	.075	13	181	.58	160	.08	16	1.91	.09	.15	4

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-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 PPB  
- SAMPLE TYPE: ROCK M150

Data by FA \_\_\_\_\_

DATE RECEIVED: SEP 19 2005 DATE REPORT MAILED: Oct 7/05





GEOCHEMICAL ANALYSIS CERTIFICATE



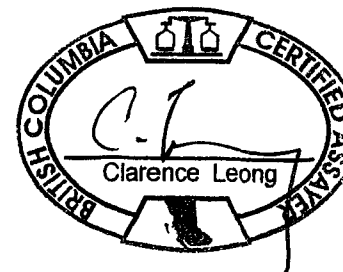
Big Bud Contracting PROJECT Ruby File # A505843

Box 5407, Haines Junction YT Y0B 1L0 Submitted by: Brad MacKinnon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
C-1	<1	29	5	28	<.3	11	5	237	1.32	36	<8	<2	<2	31	1.3	<3	<3	32	.33	.040	4	7	.41	96	.08	<3	1.00	.10	.17	<2
M-1	2	39	9	67	<.3	36	14	401	2.89	44	<8	<2	<2	15	.8	<3	<3	56	.18	.044	6	78	1.16	202	.08	<3	1.74	.05	.40	<2
M-2	1	8	5	7	<.3	10	5	275	.27	12	15	2	<2	762	1.1	<3	5	3	3.90	.002	3	12	.03	9	<.01	<3	.06	<.01	.02	<2
STANDARD DS6	12	122	29	141	.4	24	9	742	2.91	22	<8	<2	4	41	5.9	4	6	59	.81	.075	13	181	.58	160	.08	16	1.91	.09	.15	4

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-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 PPB  
- SAMPLE TYPE: ROCK R150

Data \_\_\_ FA \_\_\_ DATE RECEIVED: SEP 19 2005 DATE REPORT MAILED: *Oct 3/05*



Host Claims  
115H-04  
Cent. of Work 2005  
BRAD Mackinnon

\* for addition to file:  
% Glenna Southwick  
Mining Recorder

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Prospecting Experience:

1. Worked for Henry Bezner on Burwash Creek in early 70's.
2. Began placer mining for self on Arch Creek in the 80's.
3. Took basic & advanced prospecting courses in mid 80's.
4. Prospected on Boutillier & Telluride creeks in late 80's.
5. Spent many winter hours on archives research.
6. Self study on general geology, glacial transport, origins of gold, recovery of fine gold, mineral associations, Plate Tectonics, comparative research on gold mines across Canada and larger world class mines in Africa & Australia as well as U.S.A.
7. Have my own little geology library.
8. Short course on orogenic gold deposits.
9. Have placer mined on Ruby Creek for over ten years.

References: Yukon Geology Program  
Mike Burke / Bill Lebarge / Craig Hart / Jeff Bond

Prospectors:  
Bill Harris / Larry Tremblay / PJ Ross

