Rock Geochemistry Report

Whopper Mineral Claims

Ailsa Lake Area

Nelson Mining Division

Trim 082F/058 082F/059

543792 E 5486438 N

Owner and Operator:

Kootenay Gold Inc.

Suite 960 - 1055 W. Hastings St.

Vancouver, BC V6E 2E9

Report By:

Sean Kennedy, Prospector

August, 2007

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1.0 INTRODUCTION

1.1 LOCATION AND ACCESS

The Whopper mineral claims are located chiefly around the Ailsa Lake intrusion, about 38 kilometers at a bearing of 245° from the city of Kimberley.

The main Meachen creek FSR provides most of the access to the property. The White Boar Lake road, which branches off of the main Meachen FSR at about the 16 kilometer mark, gives some additional access to the northern portion of the property. At the 17-kilometer mark on the Meachen FSR an old brushed in road, which has to be walked, provides access to the main Ailsa Lake intrusion.

Figure 1. Regional Property Location

1.2 HISTORY

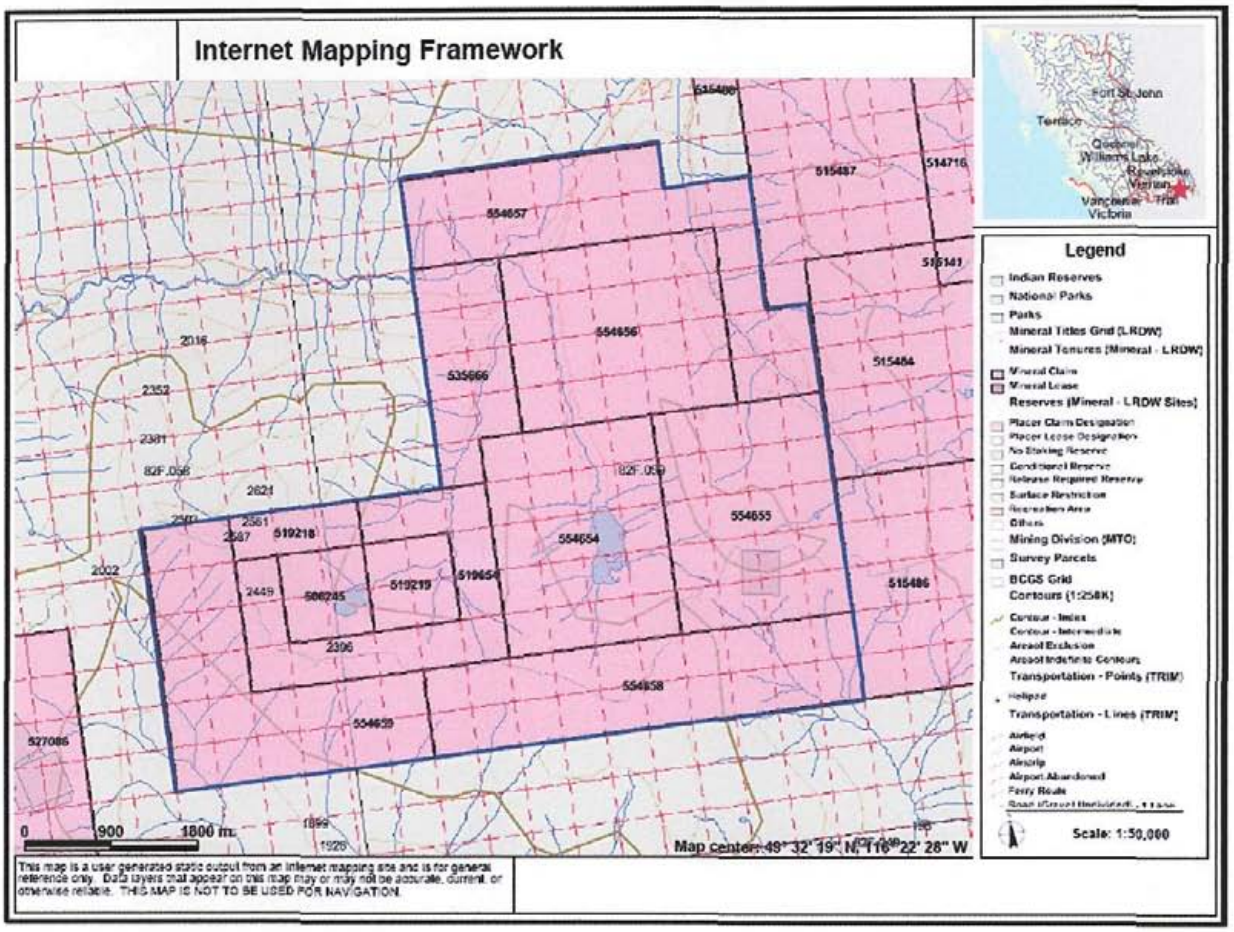
No old workings have been identified on the Whopper property. Recent exploration includes soil geochemistry and geological mapping by Cominco. The current property was staked by the author in 2005 and since then has had additional rock geochemistry, soil geochemistry and limited geological mapping done on it.

1.3 PHYSIOGRAPHY

Much of the property exists in the sub-alpine to alpine. Hillsides are generally steep and cliffy, some cliffs have vertical rise in excess of 350 meters. At lower elevations spruce-balsam trees, huckleberry bushes, and mountain alder dominate forest vegetation.

1.4 PROPERTY

The property is comprised of tenure numbers 506245, 519218, 519219, 519654, 535666, 554654, 554655, 554656, 554657, 554658, and 55465.



Property map, 1:50,000

1.5 SCOPE OF PRESENT PROGRAM

Work completed in the last two field seasons has been focussed on the Ailsa Lake intrusion, a granitic complex of probable Cretaceous age. During these programs significant broad zones of porphyry style mineralization were evaluated on surface by means of rock geochemistry. Additional claims were added to the property to cover regional magnetic anomalies. Presently, rock geochemistry was collected from the ridge between White Boar Lake and Mayo Lake. Further work prospecting magnetic highs is still a priority.

2.0 PROPERTY GEOLOGY

Geological mapping in the area by Cominco has identified a granite/syenite, medium grained cretaceous (?) stock in the Ailsa Lake basin. Further prospecting has identified a number of felsic dykes in the hanging wall of the stock. Moyie-intrusions (gabbro/diorite sills and dykes) exist on the property.

Sedimentary rocks underlying the property include grey-wacke and argillites of the Middle Aldridge formation, rusty weathering thin-bedded argillaceous Upper Aldridge, and mixed siltstone/argillite and quartzites of the Creston formation of the Helikian Purcell Supergroup.

3.0 ROCK GEOCHEMISTRY

Fifteen rock samples were collected between White Boar Creek and Ailsa Creek, WP-77 to 83 and WP-100 to 105, respectively. These samples were predominantly taken from two gabbro sills and the altered sediments between the sill packages. All samples were sent to Acme Labs in Vancouver where a 31 element ICP was run with Au in ppb.

WP-77, 78, and 79 were taken from the lower of the sills and were comprised of quartz veins with galena and chalcopyrite. WP-80 was a grab sample from albitized brecciated sediments with magnetite veinlets. The remaining rock samples were taken from the upper sill. Alteration within the upper sill was characterized by fracture zones with magnetite, both as disseminations and as seamlets, epidote, quartz, carbonate, chalcopyrite and malachite. Areas where the gabbro had altered to a schisty green unit were also seen. See the map in Appendix 3 for locations.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Fifteen rock samples were collected from the ridge between White Boar and Mayo Lake. The area was prospected to understand a regional magnetic anomaly. Two gabbro sills were sampled, the upper one having massive magnetite seams and breccias associated with it as well as appreciable amounts of copper.

It is recommended that geological mapping be used to understand the geometry of the gabbro sills and to help determine whether the magnetite, silver and copper mineralization hosted within the gabbros is related to cretaceous intrusions that host base metal mineralization immediately south-west of the area at Ailsa Lake. The potential for an unroofed stock below the gabbro appears to be a strong possibility and is therefore an important target.

5.0 STATEMENT OF COSTS

Prospecting services:		
Mike Kennedy	4 @ $300.00/day	$1,200.00
Sean Kennedy	4 @ $300.00/day	$1,200.00
Assaying	15 samples @ $20.00/sample	$300.00
Vehicle	4 truck days @ $150.00/day	$600.00
Report and Miscellaneous		$500.00
Total		$3,800.00

6.0 STATEMENT OF QUALIFICATIONS

Authors Qualifications

I, Sean Kennedy, certify that:

1. **I am an independent prospector residing at 103B Sunrise Lane, Kimberley, BC.**
2. **I have been actively prospecting in the East Kootenay district of BC for the past 14 years, and have made my living solely by prospecting for the past 7 years.**
3. **I have been employed as a professional prospector by junior mineral exploration companies.**
4. **I own and maintain mineral claims in BC, and have optioned claims to exploration companies.**

APPENDIX 1

ASSAY CERTIFICATE

ACME ANALYTICAL LABORATORIES LTD. (ISO 9001 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1

GEOCHEMICAL ANALYSIS CERTIFICATE

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550 - 999 W. Hastings St., Vancouver BC V6C 2W2 Submitted by: Sean Kennedy

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
[redacted]																														
WP77	11	1298	>10000	21	>100	10	4	74	.60	4	<8	<2	<2	4	3.2	<3	266	1	.18	.002	<1	4	.01	3	<.01	<20	.03	.01	.01	3
WP78	4	3404	2542	90	17.9	50	28	200	1.75	9	<8	<2	<2	1	.8	<3	41	13	.04	.003	<1	11	.17	5	<.01	<20	.22	.01	.01	2
WP79	<1	255	157	25	3.4	14	4	362	2.78	2	<8	<2	<2	9	<.5	<3	<3	59	.34	.048	1	19	1.15	31	.13	<20	1.55	.04	.21	<2
WP80	<1	14	34	11	<.3	10	16	241	9.70	<2	<8	<2	2	13	<.5	<3	<3	236	.62	.045	2	7	.12	20	.05	<20	.21	.07	.08	2
WP81	<1	1060	24	4	<.3	3	12	160	1.64	4	<8	<2	<2	50	<.5	<3	3	51	1.95	.047	2	2	.04	13	.12	<20	.44	.02	.02	<2
WP82	<1	4452	8	40	<.3	75	45	819	6.38	3	<8	<2	<2	14	.5	<3	5	319	2.31	.037	2	6	1.18	5	.07	<20	1.38	.03	.02	<2
WP83	<1	694	8	47	<.3	62	38	719	11.76	5	<8	<2	<2	29	<.5	<3	4	488	1.15	.030	2	1	1.51	5	.20	<20	1.76	.01	.01	<2
[redacted]																														
WP100	<1	339	35	46	.3	18	19	380	2.25	44	<8	<2	<2	8	<.5	<3	<3	56	1.20	.041	1	7	.51	12	.06	<20	1.04	.07	.02	<2
RE WP100	<1	339	37	45	<.3	17	19	378	2.14	34	<8	<2	<2	7	<.5	<3	3	54	1.18	.040	1	7	.50	12	.06	<20	1.02	.06	.02	<2
WP101	<1	3897	36	131	1.5	1	11	837	10.03	23	<8	<2	<2	114	1.2	3	4	15	2.59	.066	4	1	.19	31	.11	<20	1.37	.01	.02	<2
WP102	<1	126	9	55	<.3	27	26	823	4.38	18	<8	<2	<2	16	<.5	<3	4	97	4.38	.042	2	10	1.12	8	.06	<20	2.08	.05	.01	<2
WP103	<1	315	8	451	<.3	37	35	440	3.87	31	<8	<2	<2	10	5.1	<3	3	219	1.66	.035	1	4	.76	13	.11	<20	1.62	.06	.12	<2
WP104	<1	3922	68	107	3.6	7	36	435	4.10	38	<8	<2	<2	16	1.3	<3	3	76	.97	.074	3	1	.72	14	.10	<20	1.55	.07	.08	<2
WP105	<1	5388	266	948	15.6	3	55	1234	10.87	6	<8	<2	2	17	6.1	<3	6	72	1.03	.116	5	<1	1.50	150	.21	<20	3.62	.01	.92	<2
WP106	<1	5167	213	142	10.3	1	39	678	7.07	20	<8	<2	<2	13	2.0	<3	6	60	1.04	.067	2	2	.95	34	.12	<20	2.22	.06	.14	<2
WP107	<1	3405	67	197	41.1	3	44	473	6.59	7	<8	<2	<2	7	1.2	<3	3	58	.40	.003	<1	4	.61	16	.02	<20	1.60	.02	.08	<2

APPPENDIX 2

SAMPLE LOCATIONS AND DESCRIPTIONS

Sample #	UTM E	UTM N	Description
WP-77, 78	545567	5489379	Crystalline quartz vein in sheared gabbro, PbS, CPy, lim/py, chlorite, malachite vuggy, >30 cm wide
WP-79	545567	5489379	Parallel vein to last, tourmaline needles, vuggy, sulphide rich
WP-80	545726	5489189	Subcropping magnetite, albite, chlorite breccia with carbonate and py
WP-81	545854	5488933	Epidote fractures with quartz and CPy, lim/py, in magnetite rich gabbro
WP-82	545794	5488907	Quartz vein in "schisty" gabbro, lots of magnetite, CPy and malachite
WP-83			Same as last
WP-100	545865	5488370	Fractured gabbro, CPy, py, magnetite, hematite, quartz, malachite
WP-101	545790	5488410	Same as last
WP-102	545670	5488640	15 cm wide quartz vein with CPy, py, in fractured gabbro
WP-103	545714	5488308	Gabbro with malachite staining, epidote, CPy, py, in talus
WP-104	545807	5488226	Same as last
WP-105	545760	5488181	Fractured gabbro, epidote, malachite, Cpy, py
WP-106, 107	545746	5488182	Good zone of fracture and disseminated Cpy in gabbro, azurite in quartz veins

APPENDIX 3

SAMPLE LOCATION MAP