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**ASSESSMENT REPORT**

**ON THE**

**BT 1, 2 & 7 CLAIMS**

**CARIBOO MINING DIVISION BRITISH COLUMBIA**

**LAT 54° 03' N LONG 121° 36' W**

**N.T.S. 93 I 4**

**FOR**

**26BT RESOURCE DEVELOPMENT CO. LTD.**

**BY**

**S. JAIN, P. GEOPH (ALBERTA), P. GEO. (B.C.)**

**&**

**W. L. KELSCH, P. GEOPH (ALBERTA)**

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

**2006**

**December 1, 2006**

**Calgary, Alberta**

**SUDHIR JAIN, PGeo.,BC** received M.Tech. in Exploration Geophysics from Indian Institute of Technology and Ph.D. in Geophysics from University of Liverpool. After working for twelve years for Mobil and sundry service companies in U.K., Libya, U.S.A., and Canada, Dr. Jain set up Commonwealth Geophysical, a service company for oil and mineral exploration in 1976. He developed innovative interpretation techniques for geophysical data which quickly became industry standards. He published over 40 papers and was honoured by European and Canadian professional societies.

Since 1974, Dr. Jain has explored for numerous companies in Canada and overseas as well as in Madagascar and Southeastern Alberta on his own account. He is also associated with ore exploration in British Columbia and diamond exploration in Saskatchewan. He is a registered Geoscientist in British Columbia, a member of Association of Professional Engineers, Geologists and Geophysicists of Alberta, and honorary member of Canadian Society of Exploration Geophysicists.

**LORNE KELSCH** graduated with B.Sc. from University of Manitoba in 1952. After working on seismic data acquisition, processing and interpretation for 22 years with Petty Ray Geophysical, Mr. Kelsch moved to PanCanadian where he worked in various capacities including Chief Geophysicist till his retirement in 1995.

Mr. Kelsch is a professional member of Association of Professional Engineers, Geologists and Geophysicists of Alberta, Canadian Society of Exploration Geophysicists.

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## Claim Data

The cells comprising the claims 1, 2 and 7 were filed by Accurate Mining Services of Quesnel, British Columbia on October 3, 2005 and then transferred to 26 BT Resources Development. They were then assembled into the three claim blocks and the blocks grouped for exploration purposes.

<u>Claim Name</u>	<u>Tenure Number</u>	<u>Anniversary Date</u>
BT 1	520729	October 3, 2006
BT 2	520728	October 3, 2006
BT 7	520730	October 3, 2006

## Location & Access

The property lies north of the Fraser River and south of the West Torphy River. The centre of the claims is about 6 kilometres N.N.E. of Sinclair Mills. Access to the claims is by old logging roads. The claims lie between the elevation of 800 meters and 1690 meters in generally rugged terrain. Devil's club and windfallen trees make the claims difficult to traverse.

## Geology

Following summary of known geology of Bearpaw ridge closely follows the report by Pell (1994). The area is mapped as Silurian volcanoclastics, felsic and intermediate tuffs, agglomerates of Nonda formation over the ridge, foliated hornblende gneiss on the western slope and coarse grained massive pink syenites in the southwest.

The magnetic data acquired by 26BT from government sources and from surveys flown by 26BT, strongly suggest a magnetite rich intrusive of elliptical shape on the ridge. This is confirmed by the mineralogical analysis of samples. From fifteen holes drilled so far in the general area by 26 BT, it was found that they contain crystalline gabbro with high mafic content. The gabbro is quite heterogeneous laterally as well as vertically. Pell (1994) does not mention this intrusive. Incidentally, the sodalite body mapped by Pell has not been encountered. It appears that this complex intrusive is similar to the North Elbow Lake intrusive described by MacTavish in 1994 but much larger. This area was active longer as it appears to contain a higher content of magnetic material. A mechanism for the Bearspaw intrusive could be the subduction of exotic terrane as it moved northward against an offset on the edge of the North American plate.

## Current Work

The work consisted of collecting rock samples in a difficult terrain during the summer of 2006. Loring Laboratories of Calgary did a whole rock analysis of these samples. Appendix 1 is the report of Loring Lab and Appendix 2 shows the coordinates as well as the assays. It is clear that northern part of the claim with 17% Fe<sub>2</sub>O<sub>3</sub> and 5% TiO<sub>2</sub> could be prospective if a slightly richer zone can be established.

## Future Work

The analysis and interpretation of the data will be done in the following year. Depending on the funds raised the work next summer will focus on defining the prospective area in the northern part of these claims.



# Loring Laboratories Ltd.

629 Beaverdam Road N.E.,  
Calgary Alberta T2K 4W7  
Tel: 274-2777 Fax: 275-0541



TO: 26 BT RESOURCE CO., LTD

502, 222 - 58th Avenue S.W.,

Calgary, Alberta

T2E 2S3

Attn: Sudhir Jain

## APPENDIX 1

### Assays from surface rock samples claim 7 collected in 2006

FILE: 48980

DATE: September 18, 2006

#### WHOLE ROCK ANALYSIS BY ICP

Sample No.	Al <sub>2</sub> O <sub>3</sub> %	Ba ppm	CaO %	Cr ppm	Fe <sub>2</sub> O <sub>3</sub> %	K <sub>2</sub> O %	MgO %	MnO %	Na <sub>2</sub> O %	Ni ppm	P <sub>2</sub> O <sub>5</sub> %	SO <sub>3</sub> %	SiO <sub>2</sub> %	Sr ppm	TiO <sub>2</sub> %	V ppm	LOI %	SUM %
CK-26BT-06/01	14.18	2622	2.33	194	9.08	4.07	0.54	0.20	5.61	65	0.02	0.12	59.76	72	0.68	2	0.84	97.42
CK-26BT-06/02	13.81	1315	1.05	221	4.84	4.09	0.32	0.13	5.58	56	<0.01	0.09	66.60	51	0.33	4	0.48	97.32
CK-26BT-06/03	13.60	837	0.68	273	3.42	4.07	0.23	0.10	5.43	62	<0.01	0.11	69.24	66	0.23	<2	0.70	97.82
CK-26BT-06/04	14.73	718	1.64	229	7.50	4.43	0.40	0.28	5.22	96	<0.01	0.25	61.87	83	0.50	<2	1.10	97.91
CK-26BT-06/05	14.55	1002	1.53	190	5.81	4.25	0.35	0.14	5.09	74	<0.01	0.24	64.77	51	0.56	<2	0.60	97.89
CK-26BT-06/06	12.81	595	2.06	209	8.30	3.80	0.43	0.24	4.65	115	<0.01	0.13	64.73	<50	0.82	4	0.66	97.64
CK-26BT-06/07	14.42	675	1.41	249	6.51	4.22	0.33	0.18	5.10	74	<0.01	0.40	64.41	<50	0.45	<2	0.44	97.87
CK-26BT-06/08	13.87	447	1.27	186	6.02	4.18	0.23	0.15	5.01	103	<0.01	0.16	65.20	<50	0.51	9	0.62	97.21
CK-26BT-06/09	14.07	331	1.10	249	6.22	4.17	0.26	0.19	5.05	91	<0.01	0.11	65.77	<50	0.52	<2	0.61	98.07
CK-26BT-06/10	14.11	728	15.78	261	16.82	0.19	4.29	0.19	2.29	137	0.24	0.14	39.86	1298	4.93	323	0.42	99.25
CK-26BT-06/11	16.35	1278	15.95	245	14.54	0.24	3.70	0.16	2.54	138	0.46	0.22	40.45	1394	3.24	199	0.38	98.22
CK-26BT-06/12	12.89	310	17.06	268	19.17	0.14	4.95	0.19	1.70	176	0.24	0.12	36.51	965	5.65	393	1.01	99.61
CK-26BT-06/13	13.51	385	18.41	170	17.97	0.12	5.11	0.16	1.82	58	3.09	0.11	34.38	1229	4.60	273	0.31	99.59
CK-26BT-06/14	13.55	714	15.37	221	17.25	0.15	4.93	0.19	2.15	96	0.15	0.18	39.29	1532	4.95	294	0.33	98.49
CK-26BT-06/15	13.52	501	16.65	205	17.81	0.14	4.48	0.20	1.82	145	<0.01	0.26	38.06	1175	4.64	368	1.73	99.31
CK-26BT-06/01R	14.25	2683	2.35	201	9.21	3.98	0.52	0.24	5.38	71	0.03	0.12	59.98	78	0.73	2	0.77	97.57

0.2g Sample fused Lithium metaborate and dissolved in 5%HNO<sub>3</sub>.

"R" denotes duplicate sample analyzed.

Certified by: \_\_\_\_\_

**APPENDIX 2**  
**Geochemical analysis of rock samples**  
**including UTM coordinates**

Sample	Location	NAD 83	SiO2	Al2O3	CaO	MgO	Na2O	K2O	Fe2O3	MnO	TiO2	P2O5	SO3	L.O.I.Total	
	Northing	Easting	...%	...%	...%	...%	...%	...%	...%	...%	...%	...%	...%	...%	...%
R601	5,990,149	588,053	59.76	14.18	2.33	0.54	5.61	4.07	9.08	0.20	0.68	0.02	0.12	0.84	97.42
R602	5,990,129	588,057	66.60	13.81	1.05	0.32	5.58	4.09	4.84	0.13	0.33	<0.01	0.09	0.48	97.32
R603	5,990,599	588,078	69.24	13.60	0.68	0.23	5.43	4.07	3.42	0.10	0.23	<0.01	0.11	0.70	97.82
R604	5,990,670	588,092	61.87	14.73	1.64	0.40	5.22	4.43	7.50	0.28	0.50	<0.01	0.25	1.10	97.91
R605	5,990,250	587,948	64.77	14.55	1.53	0.35	5.09	4.25	5.81	0.14	0.56	<0.01	0.24	0.60	97.89
R606	5,990,172	587,777	64.73	12.81	2.06	0.43	4.65	3.80	8.30	0.24	0.82	<0.01	0.13	0.66	97.64
R607	5,990,145	587,586	64.41	14.42	1.41	0.33	5.10	4.22	6.51	0.18	0.45	<0.01	0.40	0.44	97.87
R608	5,990,107	587,487	65.20	13.87	1.27	0.23	5.01	4.18	6.02	0.15	0.51	<0.01	0.16	0.62	97.21
R609	5,990,076	587,424	65.77	14.07	1.10	0.26	5.05	4.17	6.22	0.19	0.52	<0.01	0.11	0.61	98.07
R610	5,992,675	588,214	39.86	14.11	15.78	4.29	2.29	0.19	16.82	0.19	4.93	0.24	0.14	0.42	99.25
R611	5,992,681	588,240	40.45	16.35	15.95	3.70	2.54	0.24	14.54	0.16	3.24	0.46	0.22	0.38	98.22
R612	5,992,373	588,643	36.51	12.89	17.06	4.95	1.70	0.14	19.17	0.19	5.65	0.24	0.12	1.01	99.61
R613	5,992,322	588,706	34.38	13.51	18.41	5.11	1.82	0.12	17.97	0.16	4.60	3.09	0.11	0.31	99.59
R614	5,992,411	588,983	39.29	13.55	15.37	4.93	2.15	0.15	17.25	0.19	4.95	0.15	0.18	0.33	98.49
R615	5,992,802	588,192	38.06	13.52	16.65	4.48	1.82	0.14	17.81	0.20	4.64	<0.01	0.26	1.73	99.31

**STATEMENT OF COSTS**  
**(November 1, 2005 - October 2, 2006)**

**A. EXPLORATION COSTS**

Geological Field Trip  
September 1-4, 2006

1-Geologist, \$300/day X 4 days	\$1,200.00
1-Geological Assistant, \$200.00/day X 4 days	800.00
1-Honda Quad Rental, \$125/day X 4 days	500.00
1-Rental of 5 <sup>th</sup> Wheel Trailer, \$125.00/day X 4 days	500.00
Truck Travel Time, 1211 km X \$0.25/km	302.76
Fuel For Truck	352.46
Groceries and Meals	249.77
Sample bags, flagging	16.04

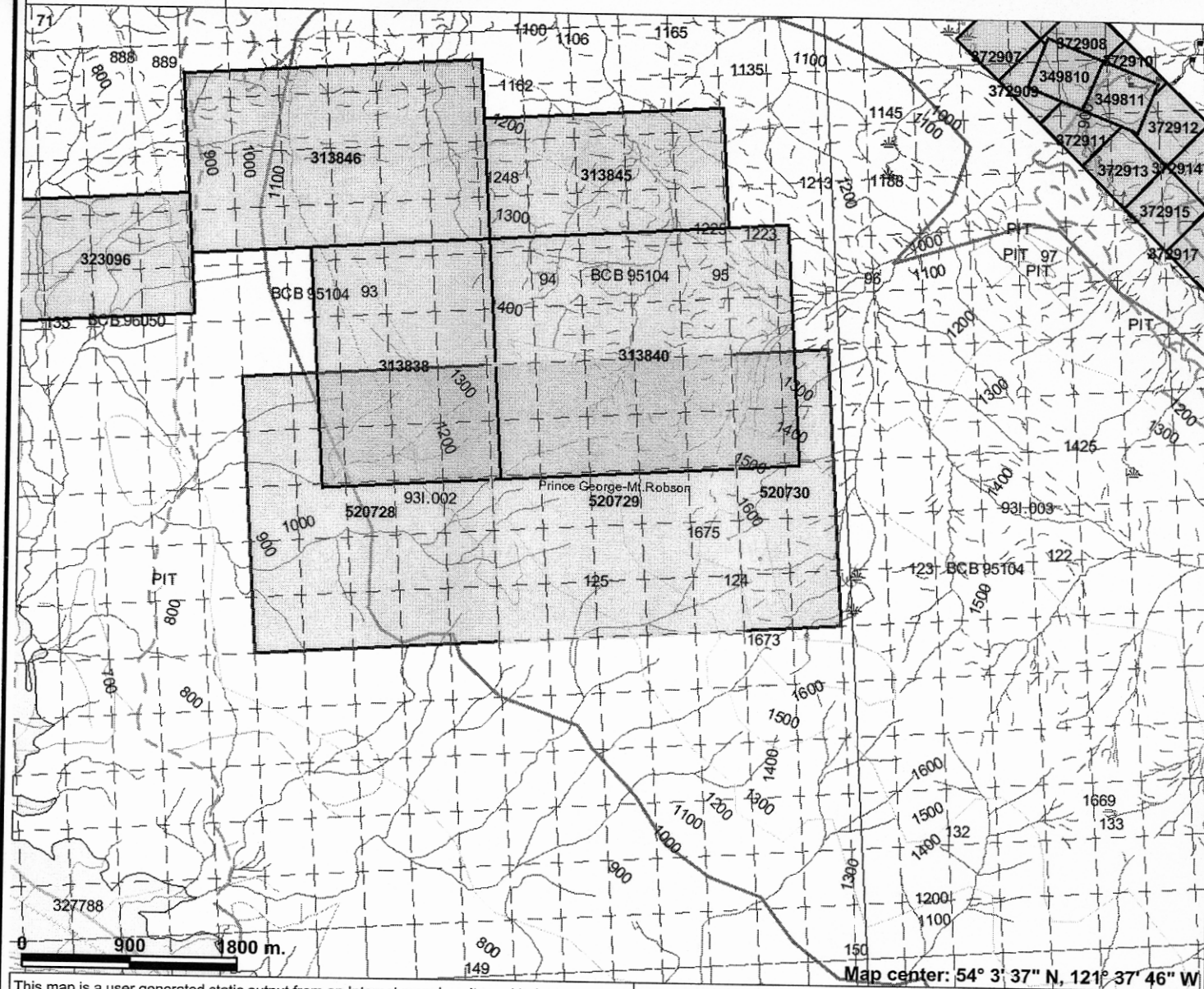
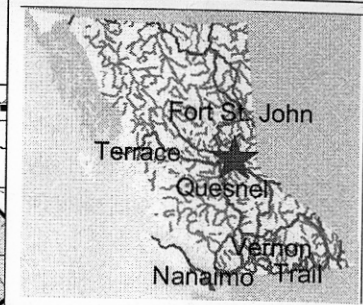
**SUBTOTAL** **\$3,921.03**

**B. SAMPLE ANALYSIS**

- Loring Laboratories 501.75

**TOTAL EXPENSES** **\$4,422.78**

# 26BT INDEX MAP



## Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid (MTO)
- Mineral Tenures (Mineral - MTO)
- Mineral Claim
- Mineral Lease
- Reserves (Mineral - MTO Sites)**
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Division (MTO)
- BCGS Grid
- Contours (1:250K)**
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Transportation - Points (TRIM)**
- Helipad
- Transportation - Lines (TRIM)**
- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes



Scale: 1:50,000

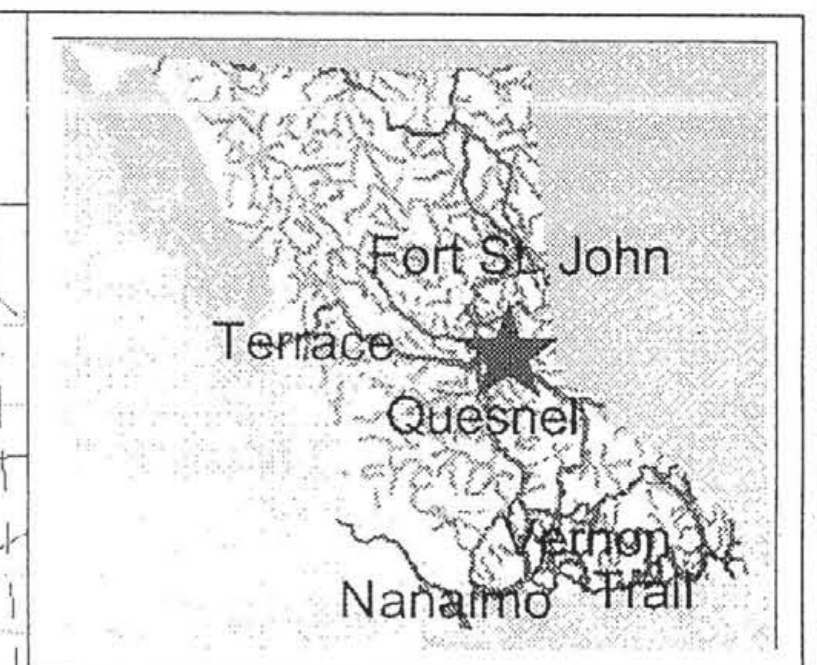
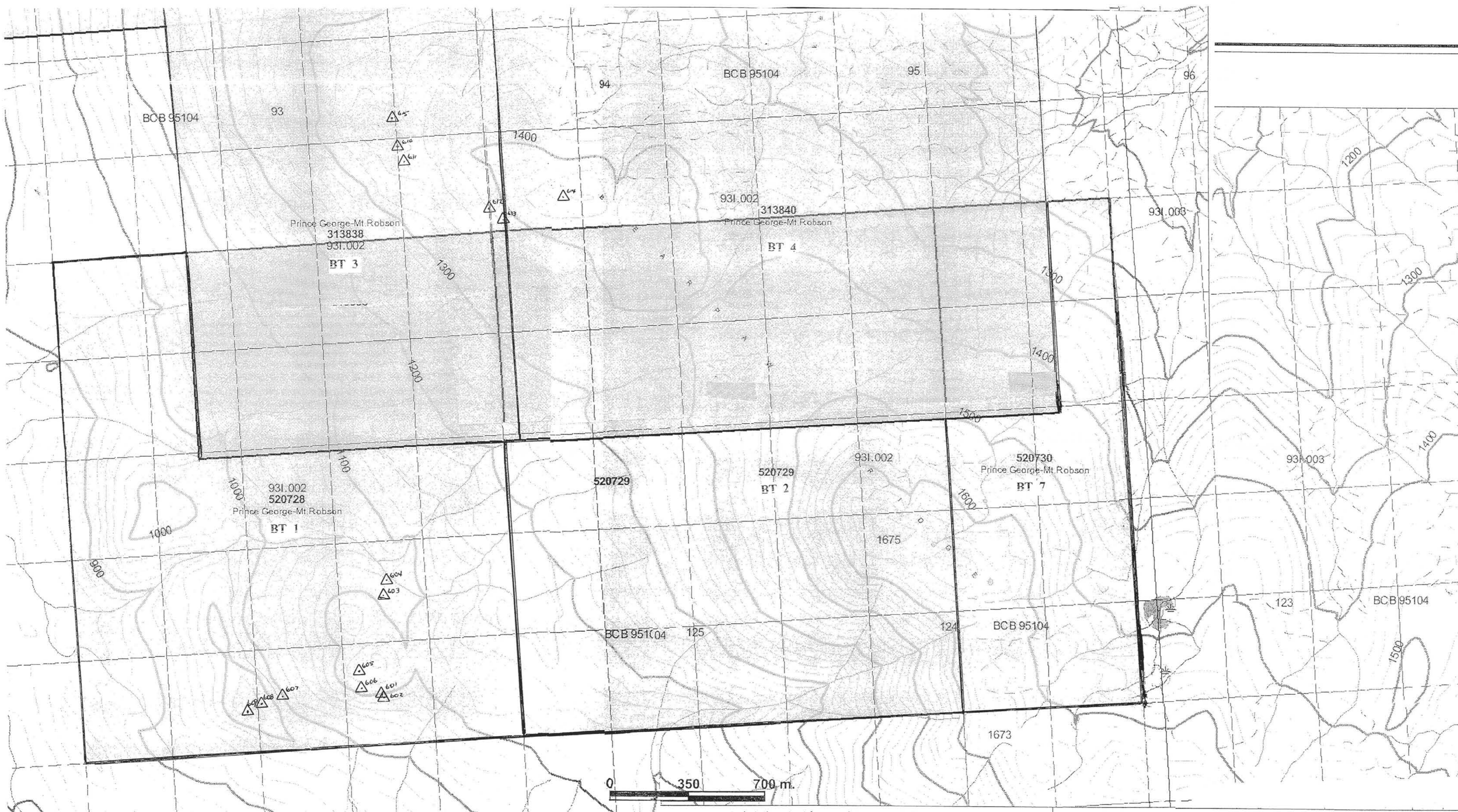
Map center: 54° 3' 37" N, 121° 37' 46" W

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Notes: OCTOBER, 2006

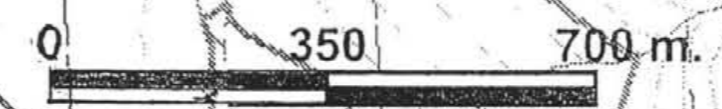


Location of Rock Samples  $\Delta$



### Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid (MTO)
- Mineral Tenures (Mineral - MTO)
- Mineral Claim
- Mineral Lease
- Reserves (Mineral - MTO Sites)**
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Division (MTO)
- Integrated Cadastral Fabric
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression
- Contour - Intermediate.Depression Indefinite
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)



Scale: 1:10,000

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