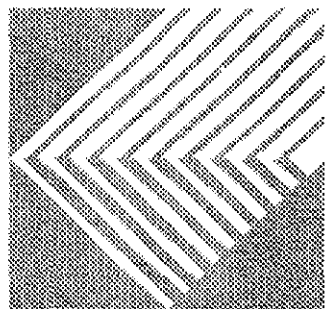


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LAC

**PROPERTY EVALUATION**

**BEAR PASS PROPERTY**

SKEENA MINING DIVISION  
BRITISH COLUMBIA  
NTS 104A/4  
UTM 453000E 6219000N

BY  
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FOR  
INTERNATIONAL TOURNIGAN CORPORATION  
1407 - 700 WEST PENDER ST.  
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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

30 NOVEMBER, 1994

23,854

## SUMMARY

The Bear Pass property (NTS 104A/4, UTM 453000E 6219000N) is located 26 kilometers northeast of the port town of Stewart, British Columbia. The pass is on highway 37A which connects Stewart to the Cassiar Highway. Bear Pass trends east-west through the steep, glaciated Coast Range mountains, between the Cambria and Todd Icefields. The property claims cover moderate to extremely steep slopes on the north and south sides of the pass. Access to much of the property is best by helicopter, although some old, and often overgrown, trails can be found. Snowfall can be heavy in the area, and the summer season is short.

The Bear Pass property is comprised of 7 claim groups, all 100% owned by International Tournigan Corporation. The 7 claim groups include 57 Crown Granted, 21 reverted Crown Granted and 108 claim units, totaling 185 claims. Several old prospects, tunnels and drill sites may be found on the various claims. Staking, surveying and much of the prospecting work was carried out on the claims prior to 1920. Subsequent to 1920 additional tunneling, trenching and sampling did take place, as well as diamond drilling on two of the claim groups. A continuous zone of alteration, at approximately 3000 feet on the north and south sides of Bear Pass, has been described by previous workers.

LAC Minerals Ltd. geologists spent 18 man-days on 5 of the Bear Pass property claim groups. Work on the claims included reconnaissance and some detailed mapping and grab- and chip-sampling. A total of 18 samples were collected for Fire Assay and ICP analyses, A portion of the 18 samples were analyzed for whole-rock (XRF) analysis.

The Bear Pass area is underlain by Early Jurassic mafic to intermediate lapilli tuff, which is overlain by mafic volcanic flows and lapilli tuffs to agglomerates. The mafic units are in turn overlain by felsic flows and lapilli tuffs. Locally, lenses of felsic volcanic rocks occur within the mafic units. The volcanic rocks are intruded by the Bear Pass pluton, a probable Early Jurassic and/or younger hornblende feldspar porphyritic intrusion, and by andesitic Tertiary dikes.

Mineralization varies between the claim groups, but disseminated and veinlets of pyrite and chalcopyrite are common on most of the claims. 14 of the 18 days spent on the Bear Pass property was spent on the George Gold-Copper claims. The area includes a lens of stratabound magnetite-hematite-pyrite-jasper, with minor chalcopyrite and sphalerite. The Copper Queen adit was drifted into this sulfide-oxide lens. The lens is underlain by a volcanic glass-rich felsic bed. Samples from the Copper Queen adit commonly contain > 50ppb Au. Selected grab samples contained up to 34.2g/t Ag and 1.4% Cu. Two samples contained > 10,000ppm tin (Sn).

Approximately 1000 feet above the Copper Queen adit is the Blue Vein, a fault zone containing subparallel quartz-pyrite +/-chalcopyrite +/-arsenopyrite? stringers and veinlets. Chip samples across the zone included: 0.5m of 12.61g/t Au, 63.2g/t Ag, 7.23% Cu and 10.28% As.

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## **1.0 INTRODUCTION**

### **1.1 Location and Access**

The Bear Pass property (NTS 104A/4; UTM 453000E 6219000N) is bisected by highway 37A, which connects Stewart, British Columbia to the Cassiar Highway (highway 37; Figure 1.1). Bear Pass is 16 kilometers by road, northeast of Stewart. Most of the claims are best accessed by a 10-15 minute helicopter flight from Stewart. Old trails to the claims can be found, although many of these have been overgrown, especially at lower elevations.

### **1.2 Land Status**

The Bear Pass property is comprised of 57 Crown Granted, 21 reverted Crown Granted and 108 claim units (see Appendix I), owned 100% by Tournigan Mining Explorations Ltd. The claims are combined into 7 groups: George Gold-Copper, Enterprise, Heather, Red Top, Barite, Rufus Argenta and New York. Each of the claim groups, except for the New York, was submitted to LAC Minerals Ltd. in 1994 to be examined for mineral exploration potential. Of the six groups submitted, only the Rufus Argenta claims were not worked on. The remaining five claim groups are comprised of the following claims:

- The George Gold-Copper Group includes the Copper Queen, the Copper Queen No. 1 and 2, the Helena, Whistler, Gold Crown, Castle Rock, Grand View, Red Bird and Sky Scraper claims.
- The Enterprise Group includes the Enterprise No.s 1-7, Enterprise Fraction(2), Gypsy, Green Lake, Green Lake No.s 2-4 and Green Lake Fraction claims.
- The Red Top Group includes the Red Top, Red Top No.s 1 and 2, Red Top Fraction, Red Top No.2 Fraction, Amazon, Amazon No.s 1-4, Amazon Fraction, Amazon No.2 Fraction, Hector No.1, Superior, Superior No.1 and Superior Fraction claims.
- The Heather Group includes the Heather, Heather No.s 1-4, Heather No. 6, Heather Fraction, Crown No. 5, Wedge Fraction, Some Fraction, and Doc #1 claims.
- The Barite Group includes the Barite, Barite No's 1 and 2, and Hub claims.

### **1.3 Physiography**

Bear Pass connects the Strohn Creek/Meziadin Lake drainage and the Bear River/American Creek/Portland Canal drainage systems. The north and south sides of the pass climb steeply from 1500 feet to 5000 feet elevation, where cliffs meet the south and north margins of the Todd and Cambria Icefields, respectively. Willow, alder, blueberry bushes and spruce and birch trees cover the lower slopes in the Bear Pass. Treeline varies between 2000 and 3000 feet elevation, depending on the location in the pass. Many of the Bear Pass property claims are on, or are surrounded by, steep cliffs and glaciated terrain.

### **1.4 Exploration History**

Historical work is compiled and described by Deleen (1993), and is summarized here. The Bear Pass property claims were staked and surveyed primarily between 1907 and 1920. Exploration work on the six claim groups has consisted of blasting, trenching and tunneling, with additional drilling on the George Gold-Copper and the Red Top claims.

The George Gold-Copper claim group includes the Copper Queen adit, which was drifted some time prior to 1920. The Blue, White, Green and Jasper veins on the Helena and adjacent claims, located approximately 1000 feet above the adit, were trenched and sampled in detail by various workers. W.V. Smitheringale wrote several reports on the George Gold-Copper area, the only published report being from 1928. Smitheringale mapped and sampled in some detail the mineralization on the property, and describes what he referred to as a continuous zone of "iron formation" along approximately 3000 feet on the north and south sides of Bear Pass.

Between 1927 and 1929 Cominco drilled six holes on the George Gold-Copper claims, totaling 6,686 feet, to test the vein mineralization above the Copper Queen adit. Drilling failed to intersect the veins at depth, but did intersect "disseminated copper mineralization", including 1.86% Cu, 0.42opt Ag and trace Au over 20 feet in Cominco's DDH No.4. In 1976 Tournigan Mining Explorations Ltd. drilled two holes, totaling 168 feet, in the adit area. Intersections from those holes included 1.09% Cu, 0.06opt Ag, 0.003opt Au, 0.01% Pb and 0.05% Zn over 18 feet in hole DDH 102.

The Enterprise Group claims had the majority of exploration work completed on them during the summers of 1928 and 1929. Several cuts and tunnels were blasted and dug, including Tunnels A, B and C, the Frenchman's Tunnel and the Enterprise Tunnel, all pursuing veined and disseminated chalcopyrite with minor galena mineralization.

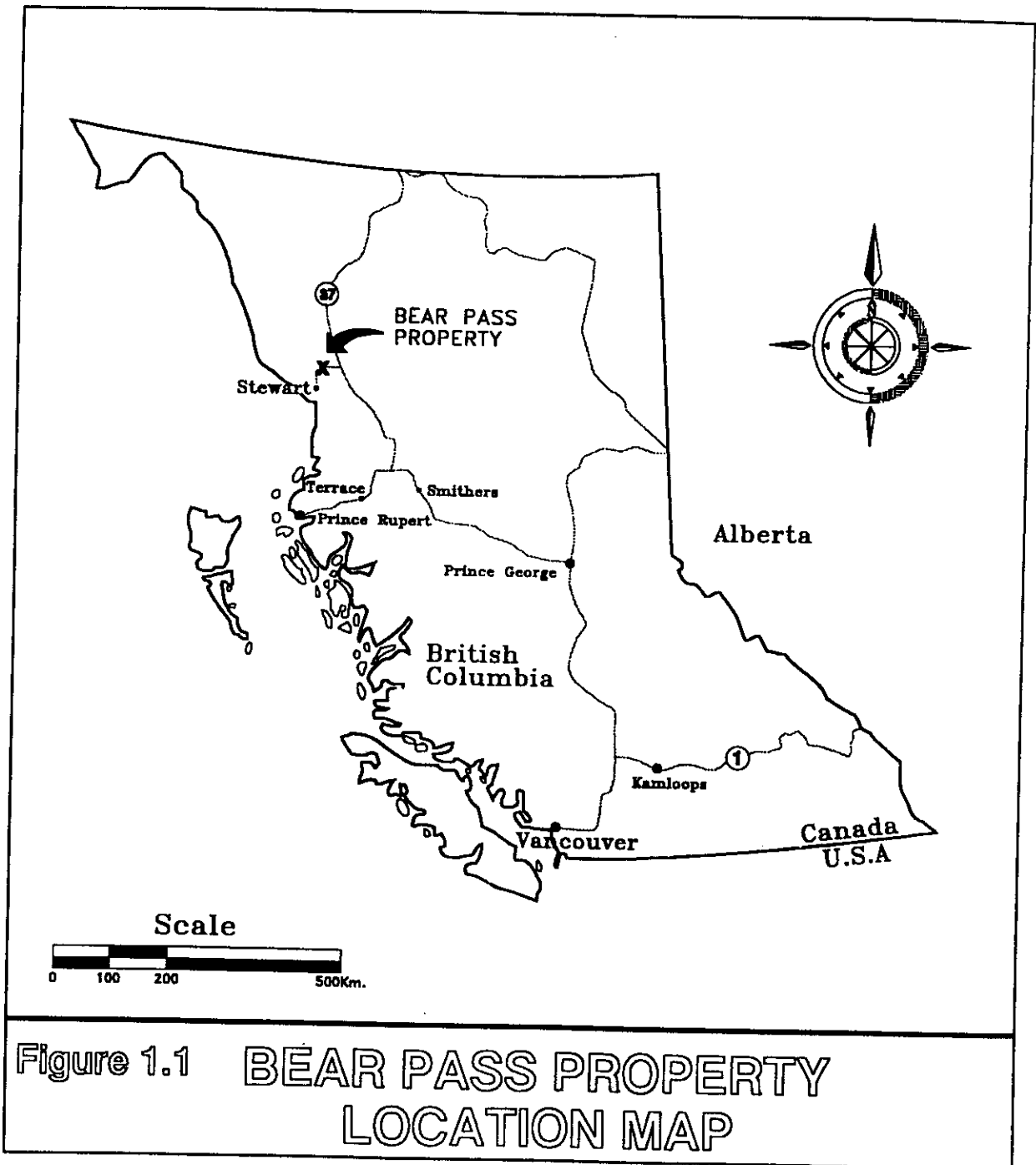
Exploration work on the Red Top claims included blasting cuts, trenches and two crosscuts at some time before 1950. The two cuts were dug on the Main Copper Showing and the Galena Vein Showing. In 1968 United Asbestos drilled 1,925.5 feet in 7 holes, only three of which were completed. Four of the holes near the Main Copper Showing intersected a 6 meter mineralized zone averaging 0.5% Cu. Banded, massive pyrite and black siltstone are also reported from those holes (W.G. Smitheringale, 1978).

The Heather claims were explored primarily with trenching and small cuts, although one 50 foot tunnel was dug on Heather No. 4 claim at some time prior to 1946. The Barite claims have reportedly had little historical exploration work completed on them.

The Rufus Argenta claim group includes the Argyle, Comet, Rufus, Veteran and Doc No.3 claims. The claims received varying amounts of trenching and minor tunnel work historically. No work was completed on them by LAC geologists.

### **1.5 1994 Work Completed**

A total of 18 man-days was spent on the Bear Pass property by LAC Minerals Ltd. geologists in 1994. Work completed consisted of prospecting, reconnaissance mapping and grab- and chip-sampling. A total of 55 samples were taken on 5 claim groups, the George Gold-Copper, Heather, Enterprise, Red Top and Barite groups. All samples were analyzed for Fire Assay-Au and ICP (31 elements). Samples which contained above detection limits for Ag, As, Cu, Pb and Zn were re-analyzed using the Fire assay technique. Six of the 55 total samples were also analyzed using whole rock (XRF) methods. Sample descriptions and analyses results are listed in Appendices I-IV. A more detailed account of the mapping and sampling completed on each claim group is described in section 2.3 (Mineralization) of this report, below.





## 2.0 GEOLOGY

### 2.1 Regional Geology

The Stewart-Bear River area has been mapped at various scales regionally (e.g. Hanson, 1929, 1935; Grove, 1971, 1986; Alldrick, 1993) with the most recent and detailed work by C. Greig of the Geological Survey of Canada (Greig, et al., 1994a, b; Greig et al., in press).

Rocks in the Todd and Cambria Icefield areas are comprised of probable Late Triassic sediments which are (unconformably?) overlain by intermediate volcanic flow and volcanoclastic rocks of the Hazelton Group. The sedimentary and volcanic rocks are intruded by Early Jurassic and/or younger hornblende feldspar porphyritic intrusions and by quartz monzodioritic to granodioritic Tertiary plutons and dikes (Greig, 1994a, b). The Hazelton Group rocks are conformably overlain to the east by Middle to Upper Jurassic sedimentary rocks of the Bowser Lake Group.

### 2.2 Property Geology

The rocks in Bear Pass are comprised of flat-lying to gently-dipping basaltic to rhyolitic flows and ash tuffs to agglomerates. Between the valley floor and 2500 to 3500 feet elevation the rocks in the pass are predominantly a green ash to lapilli tuff with felsic aphanitic fragments ("Jt" unit of Greig, et al 1994b). Overlying the green tuff unit on the both sides of the pass are mafic to intermediate, green to maroon, feldspar-phyric flows and lapilli tuffs, which are in turn overlain by felsic flows and lapilli tuffs. The felsic units are exposed fairly continuously along the northern edge of the Cambria Icefield and along the southcentral to southeast margin of the Todd Icefield. The Bear Pass pluton, a probable Early Jurassic hornblende feldspar porphyry stock, intrudes the green tuff unit near Strohn Lake.

The rocks on the north side of Bear Pass dip gently to the north, while on the south side bedding dips gently south. A NNW-trending antiform runs along the east side of Bitter Creek, west of Mt. Gladstone and crosses the Bear River west of Argyle Creek (Greig, 1994a, b). A second N- to NNW-trending antiform crosses the Bear Pass area east of Strohn Lake.

### 2.3 Mineralization

The styles of alteration and mineralization vary between the separate claim areas, but there is some consistency in the elevation, and possibly the stratigraphic position, of the altered zones. Deleen (1993) summarizes W.V. Smitheringale's 1926 description of an "iron formation" at approximately 3000 feet elevation on the north and south sides of Bear Pass. The compiled geologic map in Deleen's report indicates one continuous mineralized horizon.

Work completed on each of the claim groups and descriptions of the areas of alteration and mineralization evaluated on the Bear Pass property by LAC geologists in 1994 are described below. Refer to Appendices II-V for sample descriptions and analyses results.

I. George Gold-Copper claims: 14 man-days were spent on this claim group. Work completed consisted of mapping and grab- and chip-sampling in the Copper Queen Adit area. A total of 30 samples were collected for Fire Assay and ICP: RR0020-25, RR070-74, RR0113-118, RR0134,-135, and RR0251-261. Of the 30, 2 samples were submitted for Whole Rock (XRF) analyses: RR0134 and RR0135.

#### A. Copper Queen Adit

The Copper Queen adit is within a zone of banded magnetite, hematite, pyrite and jasper, with minor chalcopyrite and sphalerite. Black siltstone lenses discontinuously crop-out at the top of the metaliferous zone. Sedimentary structures, such as load features, scours and minor cross-stratification, occur within the sulfide-oxide layers. The sulfide-oxide lens is exposed for approximately 75 meters and is roughly 50 meters wide. The lens overlies a rhyolitic unit which contains spherules and lithophysae (indicators of devitrification). The sulfide-oxide unit is overlain by a fairly continuous intermediate to mafic lapilli tuff.

Epidote is present within the lower felsic unit, the upper mafic fragmental unit, and as veins with pyrite within the intermediate to mafic tuffs and flows immediately west of the sulfide-oxide unit. No other alteration assemblages were noted.

Samples from the Copper Queen adit commonly contain elevated Au values (> 50ppb). Selected grab samples (e.g. RR0074, RR0115) contained elevated Ag (34.2g/t and 26.3g/t Ag respectively) and Cu (1.13% Cu in RR0113 and 1.4% Cu in RR0115). Two samples, RR0023 and RR0024, contained greater than detection limit (> 10,000ppm) values of tin (Sn).

#### B. Helena Claim Area

The Blue, White, Green and Jasper veins are exposed on the Helena and Grand View claims, approximately 1000 feet above the Copper Queen adit. Two man-days were spent on the Helena Claim, chip-sampling a portion of the Blue Vein and prospecting up-slope from there. The vein is exposed for at least 50-75 meters in a fairly steep area, and may extend farther down slope (NW) than the sample locality. The Blue Vein is a set of subparallel quartz-pyrite +/- chalcopyrite +/- arsenopyrite? stringers and veinlets within a fault zone. Chip samples across the zone include: 0.5m of 12.61g/t Au, 63.2g/t Ag, 7.23% Cu and 10.28% As (sample RR0254); 1.0 m of 8.73g/t Au, 48.2g/t Ag, 1.96% Cu, 17.19% As (RR0255) and 1.0m of 2.48g/t Au, 55.2g/t Ag, 1.36% Cu and 9.39% As (RR0258).

II. Enterprise Claims Area: Two man-days were spent on the Enterprise claims. Work completed included reconnaissance mapping and sampling. A total of 6 grab samples were collected for Fire Assay and ICP analyses: RR0262-267.

The Enterprise claims, on the north side of Bear Pass, include the Frenchman's and Enterprise Tunnels, among others, and the associated mineralized showings. Fine-grained feldspar hornblende porphyry felsic flows (or sills?) underlie most of the claims. Feldspar phenocrysts are 0.5mm long and comprise 25-30% of the rock. Hornblende phenocrysts are 0.5-3mm long, acicular and comprise 3-5% of the rock. The felsic rock is pervasively altered by chlorite-pyrite alteration, with pyrite veinlets and chalcopyrite stringers and veinlets as well. Disseminated (and veinlets of?) red hematite and trace galena are within altered, fine-grained porphyry, close to Frenchman's Tunnel.

Grab samples from the Frenchman's Tunnel area, RR0262-267, contain  $\leq 100$ ppb Au. One exception is sample RR0263, just east of the tunnel, which contained 2.92g/t Au.

III. Heather Claims: Four man-days were spent on the Heather claims doing reconnaissance-scale prospecting and mapping. A total of 10 samples were collected for Fire Assay and ICP: RR0001-5 and RR0175-179. Of the 5, 3 were submitted for Whole Rock (XRF) analysis: RR0002, RR0005 and RR0179.

West of the Bear Glacier, above 4000 feet, mafic feldspar-pyritic flows are overlain by felsic lapilli tuffs and flows. Disseminated pyrite is common in the rocks, and analyses report  $\leq 100$ ppb in grab samples.

IV. Red Top Claims: Two man-days were spent on the Red Top claims doing reconnaissance-scale prospecting and mapping. A total of 5 samples were collected, RR0197-200 and RR0212, all for Fire Assay and ICP, 2 for Whole Rock (XRF) analyses.

The Main Copper showing is west of the intersection of the Cullen Creek lineament and Cullen Creek. Mineralization at the old adit portal includes chalcopyrite stringers in fine-grained hornblende feldspar rhyolite and in pyritic black siltstone and mudstone. Samples were collected to test the chalcopyrite stringer-mineralization and the pyritized siltstone and tuff for precious metals. RR0197-199 contained close to or below detection limits for Au and Ag; RR0200 contained 0.24g/t Au and 14.2ppm Ag; RR0212 0.16g/t Au and 22.2g/t Ag.

V. Barite Claims: Half a day was spent on the Barite claims doing reconnaissance-scale prospecting and mapping. One sample was collected, RR0203, for Fire Assay and ICP analyses.

Sample RR0203 was taken on the east margin of the Erikson Glacier, in a rhyo-dacite agglomerate to lapilli tuff. The felsic fragmental rock contained trace to 1% disseminated pyrite. The sample contained 0.05 g/t Au and 0.80ppm Ag. A felsic dike intruded the volcanoclastic unit within meters of the sample site.

### 3.0 CONCLUSIONS

The Bear Pass property covers a large area in moderate to extremely steep terrain. The property is comprised of seven claim groups, six of which were considered for evaluation by LAC Minerals Ltd. this season. Of the six considered, the George Gold-Copper claim group had the most work completed on it. Samples from the George Gold-Copper also contained the highest metal values, specifically Cu and Ag +/- Au, in the Blue Vein fault/alteration zone and in the Copper Queen adit area.

Mineralization is common in the volcanic rocks in the Bear Pass area. The majority of the showings appear to be small, discontinuous zones which contain chalcopyrite and/or pyrite veins and veinlets. Few samples taken during this brief evaluation assayed with high precious metal values. However, samples collected from the Blue Vein fault/alteration zone and from the Copper Queen adit area contained anomalous Cu, Ag and, locally, Au.

The sulfide-oxide layers at the Copper Queen adit area form a discreet lens and contain sedimentary textures. The lens is underlain by a rhyolitic fragmental unit with devitrification textures. The glassy, felsic volcanic rocks and layered sulfide-oxide lens may form an isolated pod within the volcanic pile, or could perhaps be part of a larger volcano-sedimentary system. Alteration is not continuous with distance from the metaliferous lens, but discreet pyritic zones do occur at approximately the same elevation in the Bear Pass area. The flat-lying nature of the host volcanics indicate that the alteration zones may be occurring along a similar stratigraphic position.

#### 4.0 REFERENCES

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**APPENDIX I**

**BEAR PASS PROPERTY LAND STATUS**

BEAR PASS PROPERTY CLAIM STATUS

<u>CROWN GRANT NAME</u>	<u>REVERTED CROWN GRANTS</u>	<u>LOT NO.</u>	<u>TENURE NO.</u>	<u>EXPIRY DATE</u>
Amazon		4945		
Amazon No. 1		4946		
Amazon No. 2		4968		
Amazon No. 3		4947		
Amazon No. 4		4948		
Amazon Fraction		4950		
Amazon No. 2 Fraction		4951		
Barite		5341		
Barite No.1		5342		
Barite No.2		5344		
Barite Fraction		5345		
Castle Rock		4784		
Copper Queen		4781		
Copper Queen No. 1		4788		
Copper Queen No. 2		4792		
Enterprise		5346		
Enterprise No. 1		5347		
Enterprise No. 2		5348		
Enterprise No. 3		5349		
Enterprise No. 4		5350		
Enterprise No. 5		5351		
Enterprise No. 6 Fraction		5352		
Enterprise No. 7		5353		
Enterprise No. 6		5359		
Enterprise Fraction		5360		
Enterprise Fr.		6079		
Gold Crown		4779		
Grandview		4793		
Green Lake		6081		
Green Lake No. 2		6076		
Green Lake No. 3		6077		
Green Lake No. 4		6078		
Green Lake Fraction		6080		
Heather		5354		
Heather No. 1		5355		
Heather No. 2		5356		
Heather No. 3		5357		
Heather No. 4		5365		
Heather Fraction		5366		
Hector No. 1		4805		
Helena		4783		
Hub		5343		
Pat Fraction		5358		
Red Bird No. 1		4794		
Red Bird Fraction		4795		
Red Top		4803		
Red Top No. 1		4804		
Red Top Fraction		4807		
Red Top No. 2 Fraction		4949		
Skyscraper		4897		
Some Fraction		5364		
Superior		4801		
Superior No. 1		4802		
Superior No. 2 Fraction		4806		
Waterfall No. 1		4789		
Whistler		4786		
Foothill Fraction		4941		
Grey Copper		4187		
Grey Copper No. 1		4188		

BEAR PASS PROPERTY CLAIM STATUS

<i>CROWN GRANT NAME</i>	<i>REVERTED CROWN GRANTS</i>	<i>LOT NO.</i>	<i>TENURE NO.</i>	<i>EXPIRY DATE</i>
Bessie		4777		
Mamie		4778		
	Argyle Fraction	3417	250484	01/03/95
	Comet No. 4	3422	250485	01/03/95
	Veteran	3423	250486	01/03/95
	Veteran No. 3	3426	250487	01/03/95
	Rufus No. 1	3787	250488	01/03/95
	Rufus No. 2	3788	250489	01/03/95
	Rufus No. 4	3790	250490	01/03/95
	Rufus No. 6	3792	250491	01/03/95
	Baby Rufus Fraction	3793	250492	01/03/95
	Wide Fraction	4554	250493	01/03/95
	Silver Fraction	4555	250494	01/03/95
	Long Fraction	4556	250495	01/03/95
	Argyle No. 1	4576	250496	01/03/95
	Argyle No. 2	4577	250497	01/03/95
	Argyle No. 3	4578	250498	01/03/95
	Argyle No. 4	4579	250499	01/03/95
	Argyle No. 5	4580	250500	01/03/95
	Argyle No. 6	4581	250501	01/03/95
	Duke Fraction	4582	250502	01/03/95
	Rufus	3786	250853	01/14/95
	Rufus No. 3		321631	18/10/94
	New York		300896	03/06/95
	Atlas No. 1		300841	03/06/95
	Atlas No. 2		300842	03/06/95
	Atlas No. 3		300843	03/06/95
	Atlas No. 4		300844	03/06/95
	Gypsy Fr.		300898	03/06/95
	Slide Fr.		301057	05/06/95
	Comet No. 3 Fr		300899	05/06/95
	Silver Band (3 units)		301055	04/06/94
	Rufus No. 3		321631	18/10/94
	Chicago (4 units)		321743	18/10/94
	Doctor		321632	18/10/94
	Big Slide		321744	18/10/94
	Slide		321769	23/10/94
	Mars		321770	23/10/94
	Slipery Canyon		322710	08/11/94
	Big Gulch		322711	08/11/94
	It #1 (4 units)		315140	02/12/94
	It #2 (2 units)		315141	02/12/94
	It #3 (3 units)		321745	22/10/94
	Crown No. 5 (2 units)		306751	14/12/95
	Glad #1 (15 units)		313749	04/10/94
	Glad #2 (4 units)		313750	04/10/94
	Glad #3		313738	04/10/94
	Glad #4		313739	04/10/94
	Glad #5		313740	04/10/94
	Glad #6		313741	04/10/94
	Glad #7		313742	04/10/94
	Glad #8		313743	04/10/94
	Glad #9		313744	04/10/94
	Glad #10		313745	05/10/95
	Glad #11 (12 units)		313751	05/10/94
	Doc 1 (6 units)		254484	09/04/96
	Doc 2 (12 units)		254485	09/04/96
	Doc 3 (12 units)		254486	10/04/95
	Dave #1 (3 units)		254487	24/04/95



**APPENDIX II**

**1994 BEAR PASS SAMPLE AND STATION  
LOCATIONS AND DESCRIPTIONS**

## 1994 TOURNIGAN SAMPLES

NUMBER	UTM E	UTM N	ELEV(FT)	DATE	PROPERTY	SAMPLER	LOCATION DESCRIPTION
STA/SMPL	(NAD27)	(NAD27)					
94KB005	0	0	5050	7/9/94	TOURNIGAN-Heather	KFB	5050', W side Bear Glacier (Heather Claims area).
94KB009	0	0	4800	7/9/94	TOURNIGAN-Heather	KFB	4800' W side Bear Glacier.
94KB030	0	0	0	7/14/94	TOURNIGAN-George Cu	KFB	50m NE of Cu-Queen adit
94KB033	0	0	0	7/14/94	TOURNIGAN-George Cu	KFB	West of samples RR0021-24.
94KB034	0	0	0	7/14/94	TOURNIGAN-George Cu	KFB	W side huge talus cone W of George Cu Adit
94KB035	0	0	2000	7/15/94	TOURNIGAN-George Cu	KFB	2000', below CuQueen adit; Whistler claim. Base oc cliff
94KB035.1	0	0	2150	7/15/94	TOURNIGAN-George Cu	KFB	below CuQueen adit; Whistler claim. Base oc cliff
94KB036	0	0	2250	7/15/94	TOURNIGAN-George Cu	KFB	below CuQueen adit; Whistler claim. Base oc cliff
94KB036.1	0	0	2300	7/15/94	TOURNIGAN-George Cu	KFB	below CuQueen adit; Whistler claim. Base oc cliff
94KB036.2	0	0	2300	7/15/94	TOURNIGAN-George Cu	KFB	2300', up lg gulley, slide, E side gulley.
94KB037	452155	6218098	2500	7/15/94	TOURNIGAN-George Cu	KFB	Cliff oc E of RR0025. 1g gulley/drainage W of Cu-Queen #1 on NW corner Cu-Queen #2 claim
94KB038	0	0	2830	7/15/94	TOURNIGAN-George Cu	KFB	2560', E side lg gulley
94KB038.1	0	0	3050	7/15/94	TOURNIGAN-George Cu	KFB	3050', E side gulley.
94KB128.1	0	0	3280	8/3/94	TOURNIGAN-Heather	KFB	Heather Claims, between samples RR0175, 176.
94KB159	453128	6217750	4430	8/17/94	TOURNIGAN-George Cu	KFB	Gulley, formed by vn system
94KB166	0	0	3500	8/29/94	TOURNIGAN Enterprise	KFB	Enterprise Claims, just E of Frenchman's Tunnel
94KB166.1	0	0	0	8/29/94	TOURNIGAN Enterprise	KFB	~100m below(S) KB166
RR0001	456043	6217426	4877	8/4/94	TOURNIGAN-Heather	KFB	W of Bear Glacier S side of highway 37A5050'
RR0002	456103	6217539	4790	7/9/94	TOURNIGAN-Heather	KFB	W of Bear Glacier, S of highway 37A
RR0003	455875	6217595	4658	7/9/94	TOURNIGAN-Heather	KFB	4810' W of Bear Glacier, S of highway 37A (94KB07.1)
RR0004	455798	6217584	4810	7/9/94	TOURNIGAN-Heather	KFB	4810' W of Bear Glacier, S of highway 37A
RR0005	455726	6217784	4478	7/9/94	TOURNIGAN-Heather	KFB	W of Bear Glacier, S of highway 37A
RR0020	452716	6218358	3051	7/14/94	TOURNIGAN-George Cu	KFB	Adit Zone claim, Cu-Queen #1 50-60m 050 deg from adit
RR0021	452701	6218126	3067	7/14/94	TOURNIGAN-George Cu	KFB	Adit zone, Cu-Queen #1 claim(075) ~15m from adit
RR0022	452669	6218133	3051	7/14/94	TOURNIGAN-George Cu	KFB	Cu-Queen No.1 adit area S side of Bear pass, W of Bear Glacier
RR0023	452618	6218134	3051	7/14/94	TOURNIGAN-George Cu	KFB	W Side of adit, Cu-Queen #1
RR0024	452618	6218134	3051	7/14/94	TOURNIGAN-George Cu	KFB	Adit, W side, Cu-Queen #1 W of Bear Glacier, S of highway 37A
RR0025	452149	6218098	2500	7/15/94	TOURNIGAN-George Cu	KFB	Lg gulley/drainage W of Cu-Queen #1 adit on NW corner of Cu-Queen #2; W of Bear Gl
RR0070	452720	6218050	3200	8/17/94	TOURNIGAN-George Cu	RBA	Cu-Queen 1, Tournigan due E of the George adit, 40m upslope
RR0071	452600	6218200	3050	8/17/94	TOURNIGAN-George Cu	RBA	Cu-Queen 1, Tournigan 3m W of adit, same EI
RR0072	452550	6218200	3050	8/17/94	TOURNIGAN-George Cu	RBA	Cu-Queen 1, Tournigan 15m W of George adit, same EI
RR0073	452560	6218200	3050	8/17/94	TOURNIGAN-George Cu	RBA	Cu-Queen 1, Tournigan-10m W of George adit, same EI
RR0074	452600	6218200	3050	8/17/94	TOURNIGAN-George Cu	RBA	Cu-Queen 1, Tournigan-taken from George adit, 50cm above entrance
RR0113	452600	6218100	3050	8/17/94	TOURNIGAN-George Cu	RDC	Cu-Queen, Tournigan-above adit at old ribbon (RR6583?)
RR0114	452635	6218120	3050	8/17/94	TOURNIGAN-George Cu	RDC	Cu-Queen 2, Tournigan abv adit 2m from RR0113
RR0115	452643	6218120	3050	8/17/94	TOURNIGAN-George Cu	RDC	Cu-Queen 2, Tournigan abv adit 2m from RR0114
RR0116	452645	6218120	3050	8/17/94	TOURNIGAN-George Cu	RDC	Cu-Queen 2, Tournigan-3m from RR0115
RR0117	452644	6218120	3050	8/17/94	TOURNIGAN-George Cu	RDC	Cu-Queen 2, Tournigan-Above adit 3m upslope from RR0116
RR0118	452648	6218120	3050	8/17/94	TOURNIGAN-George Cu	RDC	Cu-Queen 2, Tournigan-Adit zone, upslope, next to RR0117, 2m
RR0134	453418	6217755	4940	8/17/94	TOURNIGAN-George Cu	DC	Loc on the high E side of E-W trending talus moraine, approx 250m E of drop-off point. EI-4940'
RR0135	453418	6217755	4500	8/17/94	TOURNIGAN-George Cu	DC	In talus 5m NW of RR0134
RR0175	455311	6218284	3250	8/3/94	TOURNIGAN-Heather	KFB	EI-3250'
RR0176	455371	6218267	3280	8/3/94	TOURNIGAN-Heather	KFB	75m east of 175 @ 3280'
RR0177	455343	6218190	3300	8/3/94	TOURNIGAN-Heather	KFB	~20' above (EI) RR0177-on W side of same shear
RR0178	455716	6218278	3250	8/3/94	TOURNIGAN-Heather	KFB	GPS: 455526E, 6218281N-3300'
RR0179	455669	6218180	3530	8/3/94	TOURNIGAN-Heather	KFB	EI-3530'

## 1994 TOURNIGAN SAMPLES

NUMBER	UTM E	UTM N	ELEV(FT)	DATE	PROPERTY	SAMPLER	LOCATION DESCRIPTION
RR0197	455290	6219269	1400	8/14/94	TOURNIGAN Red Top	KFB	Bear Pass, N side, just E of Cullen Crk
RR0198	452571	6219111	1200	8/14/94	TOURNIGAN Red Top	KFB	About 50m W of E of Cullen Fault
RR0199	453976	6219897	2650	8/14/94	TOURNIGAN Red Top	KFB	S side Cullen Fault W. (050 deg ft )
RR0200	454107	6220046	2960	8/14/94	TOURNIGAN Red Top	KFB	N side of Cullen Crk, ft, Red Top adit/pit El-2960'
RR0203	451561	6222639	4800	7/15/94	TOURNIGAN Barite Clms	KFB	E side Erikson Glacier
RR0205	455513	6219357	1210	7/19/94	TOURNIGAN (old road)	KFB	Along the old Bear Pass Road
RR0206	456626	6219178	1559	7/19/94	TOURNIGAN (old road)	KFB	Along old Bear Pass Rd.
RR0207	457473	6218857	1600	7/19/94	TOURNIGAN (old road)	KFB	Along old Bear Pass Rd.
RR0212	454110	6220046	2960	8/14/94	TOURNIGAN Red Top	KFB	10m to west of Red Top adit 2960', North side of Cullen Ck fault
RR0251	453128	6217743	4350	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; In gully on Tournigan-4430', 1350m
RR0252	453122	6217750	4350	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; In gully on Tournigan-4430'-next to RR0251
RR0253	453122	6217746	4350	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; In gully on Tournigan-4430'-next to RR0252
RR0254	453137	6217724	4400	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; 4440' ~ 15' elev, 20' horizontal distance up gully (SE) from RR0252
RR0255	453143	6217701	4500	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; 4480'
RR0256	453150	6217708	4500	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; 4480' -toward centre of the structure adjacent to RR0255
RR0257	453143	6217701	4500	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; 4480' +/- adjacent to RR0256 (0.5m of dirt between)
RR0258	453143	6217701	4500	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; 4500'
RR0259	453143	6217698	4500	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; 4500'-NE side of RR0258
RR0260	453143	6217698	4500	8/17/94	TOURNIGAN-George Cu	KFB	Helena Clms; 4500'-E side of RR0259
RR0261	452450	6218050	3210	8/29/94	TOURNIGAN George Cu	KFB	3210'-Cu-Queen Adit-50m west of adit
RR0262	456500	6219670	3350	8/29/94	TOURNIGAN Enterprise	KFB	3350' Enterprise claim grp-at mouth of Frenchman's tunnel
RR0263	456500	6219670	3350	8/29/94	TOURNIGAN Enterprise	KFB	3360' Enterprise claim grp-5m east of Frenchman's tunnel
RR0264	456500	6219730	3450	8/29/94	TOURNIGAN Enterprise	KFB	3450' Enterprise claim grp-gully west of Frenchman's Tunnel
RR0265	456550	6219750	3450	8/29/94	TOURNIGAN Enterprise	KFB	3650' Enterprise claim grp-immediately east of Frenchman's Tunnel
RR0266	456550	6219750	3450	8/29/94	TOURNIGAN Enterprise	KFB	3660' Enterprise claim grp-W side Frenchman's tunnel, base of cliff, 3m E of RR0265
RR0267	456550	6219750	3450	8/29/94	TOURNIGAN Enterprise	KFB	3660' Enterprise claim grp-just above left hand (west) pit/adit

## 1994 TOURNIGAN SAMPLES

NUMBER	SAMPLE/ROCK DESCRIPTION
94KB005	med gry Rhy-Dac? Ag Lap T. Clsts q-porph,pyx porph,aph fls'c,to 1-1.5m
94KB009	Graded T, w/ rare L-size frags. gr-gry mtrx, wh fls'c clsts
94KB030	Variable grn sil vx;lots amygs,.5mm-3cm.Ep.jspr,sil.glass?Py vfg,diss/vnlts.Staining:Kspr vnlts,mtrx+amyg cores.
94KB033	LapT? Ang sts frags1-3mm, fsprs.5-1mm+/-ep. Pink alt'n=hem? Staining:Kspr in fx in fsprs+as rims.
94KB034	Brn-dk grn-gry (A)LapT/congl.Polyith,incl blk sts,volc,intr(?).Frags subr-ang,1mm-3cm,occ>6cm.Staining:modKspr,mtrx
94KB035	Grn Agg-fglLapT.Clsts intermed?ep-alt'd + wh fg intr,1-5cm.Ep,hm,chl?alt'n
94KB035.1	Wh fsprs .5-2mm,+/-cores-chl?Amygs/spher's wht w/chl?cores.Ep,hm,chl?in mtrx.Tiny tan-pink dots thru rk.Ser?
94KB036	Moved E thru' fspr-rich flows.Pyx?5%, w/ ep-filled 1-2cm amygs(frags??)
94KB036.1	Grn volc w/ .5mm mafics. Ep,chl? alt'n. Vfg grndmass. Tr-.5%py.
94KB036.2	On cliff wall see hyaloclastite text's, w/chl mtrx to .5-1m clsts.
94KB037	Fspr-rich flow(?),purp mtrx.Hard.Fsprs1-4mm.Ep vns+cores to fsprs;early hm vns.Hm to ep+py?Py2-3%.
94KB038	Ep matrix, porph clasts-?Fairly alt'd, py tr-3%.Flow bx?
94KB038.1	Another Ep-py zone.Py vfg, diss'd.Ep pervasive. Siliceous.
94KB128.1	Qtz vn cutting vx.75 to 070AZ.Host rx v sil,+/-mt.Py 2% diss in chl-rich grndmass& as vnlts
94KB159	Vein(s) of samples RR0251,etc
94KB166	Hbld-phyric rhy?H's.5-3mm,thin,acic,3-5%.Fsprs.5-2mm,10%?Mtrx gry-wh,v hrd. Staining:Hvy Kspr zones.
94KB166.1	Tan-grn mtrx,fsprs 1-3mm long,~10%Hbld 1-3mm,thin,1-5%.Vnlts py,cp+vfg diss py.Qtz stckwk.Staining:Hi Kspr,mtrx,occ cores to fsprs(2ndary)
RR0001	Grab smpl. Msv py, pod in fx in alt'd rhyo/dac.pod 1-3in wide,1'long.
RR0002	Grab smpl. Blk-dk purp,fdsptrs 2-5mm,pale grn;hrnblds med grn;mtrx mt+hm.Jspr vning.Smpl below Rhy/dac.Staining:hiKspr,mtrx.
RR0003	1.0m Chip smpl.Fe-ox+vfg 1-2% py in sml fx in f-mg(1-3mm)fspr porph. Sil.Intr?flow?Chaut/bx'd? crctd w/rhy AggLapT above.
RR0004	Grab smpl. Mal.gl,cp,feox,py in fxdn Fspr porph.fg fsprs(1-3mm),tan mtrx alt'd hblds? occ blk sts clsts.Flow? Staining:hi Kspr
RR0005	Grab smpl. LapT,dk gry-grn mtrx, 10-15%ang and-rhy frags.Tr-1% diss cp+/-py.Fspr porph dike cutsLT.
RR0020	Grab smpl. Sil grn volc w/ qtz amygd'ls, jasper, v mottled, chaot bt-py. 0.5-2%, -cp: tr-1%.
RR0021	Grab smpl. Frag'l, v ox'd. py 10-25%,vfg diss+ m-fg str's.Volc rk clsts, ang-subang.
RR0022	Grab smpl. Py vn (shear?) through gossan-py: (10-25%).
RR0023	Grab smpl. Vfg py15-30%,vnlts+surr clsts of hm+/-mt & alt'd vx. Tr cp, 5-10%hm,mt,qtz?
RR0024	Grab smpl. Semi-msv mt+hm w/3%py.Wh qtz strngs+eyes/amygs.
RR0025	Float smpl. Msv py vn 3-10cm wide in chl-rich volc w/ang chl-rich volc frags in vn. Took no K-spr stain.
RR0070	Grab smpl. 5cm wide py vn, qtz enriched, in arg.
RR0071	Grab smpl. Semi-msv py, loc previously trenched.
RR0072	Grab smpl. Semi-msv py, previously smpl'd-mafic tuff.
RR0073	Grab smpl. V ox'd, smpl may be enriched.
RR0074	Grab smpl. Felsite-v ox'd, may be enriched.
RR0113	Grab smpl. Mafic tuff-jasper, py, cpy.
RR0114	Grab smpl. Ferricrete, 1m W-tr py, cpy, jasper, chert.
RR0115	Grab smp. Sulph bearing-20% cpy, py, ferricrete.
RR0116	Grab smp. Tr cpy, jasper, oxid'd sulphs?
RR0117	Grab smpl. 30% chl w/ cc strgits.
RR0118	Grab smpl. Sed-tr cpy and hem.
RR0134	Grab smpl. dk gry-grn aphan volc, tr py-spec hem in ca-smudging on oc surf.
RR0135	Float smpl. From area w/lg brt grn bidrs in talus just below RR0134.
RR0175	Grab smpl. 1-2% py(+/-po?),py diss,assoc'd w/ chl-in pnksh wht rock, bx'd by med grn vnlts=hyalocl? Staining:hi Kspr, clsts+vns/mtrx.
RR0176	Grab smpl. Py to 10-15%, vfg diss+strs.Smpl frm shear to 1m E.
RR0177	Grab smpl. BasT?+/-mt, tr py.Qtz vnlts+/- cp,+/-py,+/-mt,spec hm.
RR0178	Grab smp. Jspr-spec hem pods in drk grn,+/-mag'c volc.3-5m from py horiz.
RR0179	Grab smpl. Kspr megacr porph 10-12m dike.Ksprs 4mm-2.5cm;plag 1-3mm,alt'd to ep.Grndmss dk gry-grn, aph.Staining:hi Kspr,mtx+phenos.

**APPENDIX III**

**1994 BEAR PASS FIRE ASSAY ANALYSES**



ASSAYING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Fax (604) 573-4557

**CERTIFICATE OF ASSAY ETS6166**

Lac Minerals Ltd.  
P.O. Box 337  
STEWART, B.C.  
V0T 1W0

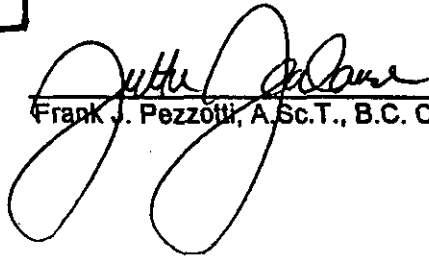
12-Jul-94

ATTENTION: Kate Bull

14 rock samples received July 11, 1994  
Sample run date: 11-Jul-94  
Project: Red Mountain  
Samples submitted by: K. Bull  
Shipment: R94-01

ET #.	Tag #	Au (grams/tonne)			Specific Gravity	Cu %
		FA/AA	Gravimetric	Screen Assayed		
1	RR-0001	0.07				
2	RR-0002	0.06				
3	RR-0003	0.06				
4	RR-0004	0.10				
5	RR-0005	0.03				
6	RR-0006	0.04				
7	RR-0007	0.21				
8	RR-0008	1.75				1.08
9	RR-0009	0.13				
10	RR-0010	1.30				
11	RR-0011	0.07				
12	RR-0012	0.21				
13	RR-0013	<.03				
14	RR-0014	1.15				

BEAR PASS SAMPLES

  
Frank J. Pezzotti, A.Sc.T., B.C. Certified Assayer

ET #.	Tag #	Au (grams/tonne)			Specific Gravity	Ag (g/t)	Pb %	Zn %
		FA/AA	Gravimetric	Screen Assayed				
23	RR0085	0.05						
24	RR0086	0.11						
25	RR0087	0.03						
26	RR0088	0.13			148.8	2.85	8.42	
27	RR0089	3.31						
28	RR0090	0.04						
29	RR0091	0.07						
30	RR0051	0.34						
31	RR0052	0.22						
32	RR0053	4.30						
33	RR0054	0.72						
34	RR0055	0.11						
35	RR0056	0.42						
36	RR0057	0.09						
37	RR0058	0.11						
38	RR0059	0.85						
39	RR0060	0.58						
40	RR0061	0.13						
41	RR0062	0.06						
42	RR0063	0.07						
43	RR0064	0.34						
44	RR0065	0.11						
45	RR0066	0.07						
46	RR0067	7.50						
47	RR0068	0.65			91.6	1.06	8.68	
48	RR0069	0.64			48.7	1.13	3.72	
49	RR0020	0.05						
50	RR0021	0.17						
51	RR0022	0.11						
52	RR0023	0.18						
53	RR0024	0.12						
54	RR0025	0.73						
55	RR0026	0.14						
56	RR0027	0.10						
57	RR0028	0.05						

BEAR PASS  
SAMPLES


Frank J. Pezzetti, A.Sc.T., B.C. Certified Assayer



ENTERED OCT 03 1994  
 RECEIVED SEP 30 1994

ASSAYING  
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 ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Fax (604) 573-4557

**CERTIFICATE OF ASSAY ETS94-6332**

Lac Minerals Ltd.  
 P.O. Box 337  
 STEWART, B.C.  
 V0T 1W0

21-Sep-94

ATTENTION: Theresa Rau

34 Rock samples received August 23, 1994  
 Sample run date: 29-Aug-94  
 Project: Red Mountain  
 Samples submitted by: Tanya Mauthner  
 Shipment: R94-06

ET #.	Tag #	Au (grams/tonne)		Specific Gravity	Ag (g/t)	As %	Cu %
		FA/AA	Gravimetric Screen Assayed				
1	RMS15507	0.03					
2	RR0070	0.04					
3	RR0071	0.28					
4	RR0072	0.21					
5	RR0073	0.26					
6	RR0074	0.31			34.2		
7	RR0113	0.16					
8	RR0114	0.08					1.13
9	RR0115	0.07			26.3		1.4
10	RR0116	0.03					
11	RR0117	<.03					
12	RR0118	0.04					
13	RR0134	0.03					
14	RR0135	<.03					
15	RR0197	0.03					
16	RR0198	<.03					
17	RR0199	<.03					
18	RR0200	0.24					
19	RR0212	0.16					
20	RR0215	<.03					
21	RR0216	<.03					
22	RR0217	<.03					
23	RR0251	0.12					0.73
24	RR0252	3.63					

Frank J. Pezzotti, A.Sc.T. B.C. Certified Assayer



21-Sep-94

ET #.	Tag #	Au (grams/tonne)		Specific Gravity	Ag (g/t)	As %	Cu %
		FA/AA	Gravimetric Screen Assayed				
25	RR0253	1.64					
26	RR0254	12.61	13.00		63.2	10.28	7.23
27	RR0255	8.73			48.2	17.19	1.96
28	RR0256	3.31				0.65	1.00
29	RR0257	0.11					
30	RR0258	2.48			55.2	9.39	1.36
31	RR0259	0.11					
32	RR0260	1.96					
33	RR0194	0.08					
34	RR0195	0.04					

BEAR PAISS  
SAMPLES  
↑**QC DATA****Resplits:**

RS/1 RMS15507R 0.04

**Repeat:**

1 RMS15507D 0.03  
 1 RMS15507D 0.03  
 28 RR0256D 3.48  
 28 RR0256D 3.14


**Standard**

STD 1994-L 3.33

**Blank**

&lt;.03

**NOTE:** Average values are reported where repeat assays are performed.  
 Screened "Metallic Assays" are performed on sample resplits screened to -140 mesh.

  
 ECO-TECH LABORATORIES LTD.  
 Frank J. Pezzotti, A.Sc.T.  
 B.C. Certified Assayer



ASSAYING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Fax (604) 573-4557

**CERTIFICATE OF ASSAY ETS6287**

Lac Minerals Ltd.  
P.O. Box 337  
STEWART, B.C.  
V0T 1W0

9-Sep-94

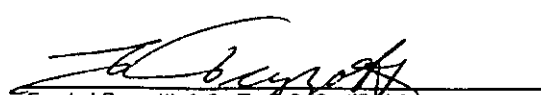
ATTENTION: K. Bull

28 rock samples received August 10, 1994  
Sample run date: August 15, 16, 1994  
Project: Red Mountain  
Samples submitted by: Tanya Mauthner  
Shipment: R94-05

RECEIVED SEP 20 1994

ET #.	Tag #	Au (grams/tonne)		Specific Gravity	Ag (g/t)	As %	Cu %	Pb %	Zn %
		FA/AA	Gravimetric Screen Assayed						
1	RR0165	0.04							
2	RR0166	<.03							
3	RR0172	<.03							
4	RR0173	0.82							
5	RR0174	0.11							
6	RR0175	<.03							
7	RR0176	<.03							
8	RR0177	0.32							
9	RR0178	<.03							
10	RR0179	<.03							
11	RR0180	9.29			135.2				7.23
12	RR0181	24.50	24.30		30.3	5.44			
13	RR0182	3.93				2.28			
14	RR0183	24.60	24.10			2.36			
15	RR0184	1.36					1.38		
16	RR0185	1.35							
17	RR0186	0.14							
18	RR0187	0.03							
19	RR0188	<.03							
20	RR0189	<.03							
21	RR0190	<.03							
22	RR0191	<.03							
23	RR0192	<.03							
24	RR0193	<.03							
25	RR0208	0.21			1458.2			4.83	11.09
26	RR0209	<.03			46.8				
27	RR0210	<.03							
28	RR0211	<.03							

REAR 208  
SAMPLES

  
Frank J Pezzotti, A.Sc.T., B.C. Certified Assayer



ASSAYING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Fax (604) 573-4557

**CERTIFICATE OF ASSAY ETS6367**

Lac Minerals Ltd.  
P.O. Box 337  
STEWART, B.C.  
V0T 1W0

29-Sep-94

ATTENTION: Theresa Rau

36 ROCK samples received September 7, 1994  
Sample run date: September 14, 1994  
Project: Red Mountain Regional  
Samples submitted by: K. Bull  
Shipment: RR94-07

ET #.	Tag #	Au (grams/tonne)		Specific Gravity	Ag (g/t)	As %	Cu %
		FA/AA	Gravimetric Screen Assayed				
1	RMS13024	0.07					
2	RR0092	3.65			40.8		
3	RR0196	0.17					1.29
4	RR0213	0.10					
5	RR0224	0.09					
6	RR0225	<.03					
7	RR0226	0.05					
8	RR0261	0.08					
9	RR0262	0.05					
10	RR0263	0.10					
11	RR0264	0.06					
12	RR0265	0.05					
13	RR0266	0.05					
14	RR0267	0.11			34.3		
15	RR0268	0.60					
16	RR0269	0.06					
17	RR0270	<.03					
18	RR0271	<.03				1.11	
19	RR0272	0.03					
20	RR0273	0.03					
21	RR0274	0.05					
22	RR0275	0.03					
23	RR0276	<.03					
24	RR0277	0.03					
25	RR0278	<.03					

BEAR PASS  
SAMPLES

  
Frank J. Pezzotti, A.Sc. T.B.C. Certified Assayer

**APPENDIX IV**

**1994 BEAR PASS ICP ANALYSES**

25-Jul-94

ECO-TECH LABORATORIES LTD.  
10041 East Trans Canada Highway  
KAMLOOPS, B.C.  
V2C 2J3

Phone: 604-573-5700  
Fax : 604-573-4557

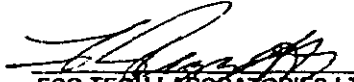
LAC MINERALS LTD. ETS 6166  
P.O. Box 337  
STEWART, B.C.  
V0T 1W0

ATTENTION: KATE BULL

14 rock samples received July 11, 1994  
Sample run date: July 22, 1994  
Samples submitted by: K. Bull  
Project: Red Mountain  
Shipment: R94-01

Values in ppm unless otherwise reported

Et.#.	Tag #	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Te	Tl %	U	V	W	Y	Zn
BEAR PASS SAMPLES	1 RR-0001	0.8	1.54	835	16	85	10	0.12	9	24	19	31	> 15	0.18	<10	0.08	559	37	<.01	1	420	94	<5	<20	42	<50	0.02	<10	294	<10	<1	283
	2 RR-0002	<.2	0.53	<5	16	170	<5	2.54	<1	4	74	2	2.74	0.26	10	0.06	1247	2	<.01	3	910	4	<5	<20	53	<50	0.01	<10	43	<10	10	236
	3 RR-0003	<.2	0.41	15	12	670	10	0.99	<1	7	79	<1	3.46	0.15	<10	0.01	851	11	<.01	2	790	14	<5	<20	52	<50	0.02	<10	47	<10	4	120
	4 RR-0004	9.0	0.22	<5	<2	330	<5	0.08	123	28	43	1988	4.39	0.14	40	<.01	1574	<1	<.01	2	530	8822	<5	<20	18	<50	<.01	<10	21	<10	3	9136
	5 RR-0005	6.8	1.74	<5	10	155	<5	0.29	4	23	43	826	9.02	0.13	<10	0.41	856	<1	<.01	9	1170	766	<5	<20	42	<50	0.01	<10	228	<10	2	528
NOT BEAR PASS SAMPLES	6 RR-0006	<.2	0.84	20	14	35	10	0.10	<1	13	48	<1	6.01	0.25	<10	0.70	86	<1	0.02	<1	1270	36	<5	<20	29	<50	<.01	<10	31	<10	<1	46
	7 RR-0007	0.8	1.66	10	12	25	5	0.28	<1	18	64	<1	7.48	0.21	<10	1.32	316	<1	0.03	4	1270	10	<5	<20	5	<50	<.01	<10	54	<10	<1	49
	8 RR-0008	11.8	2.30	160	14	65	<5	<.01	3	14	67	>10000	> 15	0.03	<10	1.06	1460	<1	<.01	<1	530	6	<5	<20	7	<50	0.01	<10	47	<10	<1	90
	9 RR-0009	<.2	1.25	<5	10	25	<5	0.22	<1	9	52	219	3.51	0.25	<10	0.98	85	44	<.01	2	900	<2	<5	<20	30	<50	<.01	<10	25	<10	3	15
	10 RR-0010	0.4	1.07	10	12	30	15	0.25	2	18	49	64	13.6	0.17	<10	0.49	419	18	<.01	5	330	<2	<5	<20	4	<50	<.01	<10	24	<10	<1	30
	11 RR-0011	<.2	0.96	<5	12	125	10	0.06	<1	5	42	<1	4.03	0.24	20	0.65	106	3	0.02	2	1010	6	<5	<20	12	<50	<.01	<10	37	<10	<1	22
	12 RR-0012	2.8	0.03	125	10	260	<5	> 15	14	<1	8	865	0.82	<.01	<10	0.45	>10000	<1	<.01	<1	20	864	25	<20	3390	<50	<.01	<10	3	<10	11	877
	13 RR-0013	<.2	2.11	45	10	150	<5	1.26	5	13	54	28	4.99	0.11	<10	1.63	1167	<1	0.02	6	1040	30	<5	<20	45	<50	<.01	<10	103	<10	2	463
	14 RR-0014	1.4	0.20	<5	10	40	15	0.11	1	14	223	6	> 15	0.09	<10	<.01	54	<1	<.01	5	<10	<2	<5	<20	10	<50	<.01	<10	7	<10	<1	20
<b>QC DATA:</b>																																
<b>Resplit:</b>																																
R/S 2	RR-0002R	<.2	0.49	<5	18	170	<5	2.50	<1	5	72	2	2.71	0.25	10	0.06	1195	2	<.01	1	920	4	<5	<20	51	<50	0.01	<10	41	<10	9	259
<b>Repeat:</b>																																
1	RR-0001D	0.6	1.48	815	16	80	10	0.12	10	25	20	28	> 15	0.17	<10	0.08	524	38	<.01	5	420	92	<5	<20	40	<50	0.02	<10	268	<10	<1	300
<b>Standard 1991:</b>		1.4	1.76	65	8	150	<5	1.75	1	19	63	78	4.09	0.36	<10	1.00	706	<1	0.01	25	710	22	5	<20	55	<50	0.10	<10	78	<10	8	76

  
ECO-TECH LABORATORIES LTD.  
Frank J. Pezzotti, A.Sc.T.  
B.C. Certified Assayer

Et #.	Tag #	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Te	Ti %	U	V	W	Y	Zn
26	RR0088	>30	0.09	15	<2	10	<5	9.13	786	4	39	433	1.73	0.03	<10	0.44	4336	<1	<.01	<1	180	10000	140	<20	92	<50	<.01	<10	4	<10	10	10000
27	RR0089	6.2	1.33	235	10	65	40	0.14	17	14	52	28	>15	0.04	<10	0.66	777	<1	<.01	<1	90	600	<5	<20	2	<50	0.02	<10	49	<10	<1	1169
28	RR0090	1.4	0.43	<5	10	20	10	4.12	3	16	25	11	5.86	0.18	<10	0.23	1759	<1	0.01	<1	1320	116	<5	<20	76	<50	<.01	<10	23	<10	3	238
29	RR0091	1.6	0.35	15	10	15	10	0.20	2	10	36	13	5.42	0.19	<10	<.01	78	3	0.01	<1	1270	124	<5	<20	29	<50	<.01	<10	9	<10	<1	134
30	RR0051	2.8	0.36	350	10	30	20	0.17	7	15	74	40	9.67	0.12	<10	0.04	322	2	<.01	<1	730	68	<5	<20	2	<50	<.01	<10	9	<10	<1	106
31	RR0052	1.2	2.47	10	10	30	20	0.63	2	23	36	10	9.64	0.15	<10	1.82	1639	5	0.01	<1	1440	64	10	<20	6	<50	<.01	<10	82	<10	<1	144
32	RR0053	7.6	1.55	125	10	50	<5	>15	5	10	19	1064	11.30	0.08	10	6.32	10000	<1	<.01	<1	360	302	30	<20	254	<50	<.01	<10	34	<10	16	162
33	RR0054	1.2	2.39	<5	10	35	<5	1.84	2	21	27	116	9.31	0.14	<10	2.22	2198	3	0.01	<1	1380	66	15	<20	18	<50	<.01	<10	76	<10	2	143
34	RR0055	1.2	1.38	10	10	25	15	0.31	1	14	28	9	8.23	0.11	<10	0.80	374	<1	0.01	<1	1440	38	<5	<20	<1	<50	<.01	<10	40	<10	<1	71
35	RR0056	2.8	0.36	50	10	25	<5	0.07	2	8	42	171	6.06	0.21	<10	<.01	156	11	<.01	<1	710	104	<5	<20	14	<50	<.01	<10	6	<10	<1	43
36	RR0057	1.0	0.36	<5	8	20	10	0.34	<1	17	43	15	6.30	0.20	<10	0.05	134	15	<.01	4	1190	16	<5	<20	11	<50	<.01	<10	5	<10	<1	32
37	RR0058	1.4	2.86	65	10	50	25	0.32	3	22	27	10	14.80	0.18	<10	1.96	1133	1	<.01	<1	1450	52	<5	<20	6	<50	0.01	<10	77	<10	<1	114
38	RR0059	2.2	1.88	85	10	45	5	0.15	4	14	51	123	14.70	0.10	<10	1.19	775	<1	<.01	<1	690	320	<5	<20	<1	<50	0.01	<10	64	<10	<1	109
39	RR0060	3.4	2.90	15	10	40	25	0.30	2	25	19	11	12.50	0.18	<10	2.45	1734	2	0.01	<1	1650	64	10	<20	5	<50	0.01	<10	111	<10	<1	144
40	RR0061	1.6	2.31	25	10	30	20	0.42	2	22	19	9	9.35	0.13	<10	2.40	747	<1	0.02	<1	1640	48	15	<20	1	<50	<.01	<10	100	<10	<1	104
41	RR0062	0.8	0.94	<5	10	20	15	1.02	2	16	53	12	6.81	0.20	<10	0.71	540	3	0.02	<1	1330	18	5	<20	21	<50	<.01	<10	33	<10	2	79
42	RR0063	1.0	1.43	<5	10	25	15	0.44	1	13	31	12	6.74	0.15	<10	1.50	432	1	0.02	<1	1720	78	10	<20	3	<50	<.01	<10	77	<10	<1	148
43	RR0064	1.2	1.73	175	10	30	20	1.14	4	21	40	44	9.46	0.21	<10	1.15	1220	48	0.01	1	1230	24	<5	<20	13	<50	<.01	<10	64	<10	<1	92
44	RR0065	1.0	0.48	<5	10	15	15	1.98	1	17	20	7	5.88	0.22	<10	0.23	710	4	0.02	<1	1600	18	<5	<20	33	<50	<.01	<10	16	<10	3	51
45	RR0066	0.8	0.60	<5	10	20	10	0.15	<1	16	31	7	6.38	0.19	<10	0.26	70	2	<.01	<1	990	10	<5	<20	3	<50	<.01	<10	8	<10	<1	27
46	RR0067	3.4	1.73	195	10	60	45	0.11	6	14	51	26	>15	0.03	<10	1.14	715	<1	<.01	<1	160	40	<5	<20	<1	<50	0.01	<10	41	<10	<1	96
47	RR0068	>30	0.06	<5	<2	50	<5	0.02	837	9	49	6699	>15	0.02	<10	<.01	106	<1	<.01	<1	<10	10000	<5	<20	14	<50	<.01	<10	2	<10	<1	10000
48	RR0069	>30	0.17	20	<2	40	<5	0.04	402	12	70	10000	14.00	0.10	<10	<.01	40	<1	<.01	<1	230	10000	30	<20	7	<50	<.01	<10	3	<10	<1	10000
49	RR0020	2.0	1.47	15	10	80	<5	0.40	7	9	108	241	4.63	0.07	<10	0.90	822	1	0.02	<1	230	222	10	<20	13	<50	0.05	<10	20	<10	2	561
50	RR0021	13.0	0.16	615	14	55	<5	0.06	13	71	37	156	>15	<.01	<10	0.56	797	23	<.01	9	<10	174	<5	<20	6	<50	0.01	<10	4	<10	<1	138
51	RR0022	18.8	2.01	640	14	55	5	0.39	14	49	23	283	>15	<.01	<10	2.09	2083	12	<.01	4	470	192	15	<20	92	<50	0.08	<10	25	<10	<1	246
52	RR0023	18.2	0.22	620	18	70	<5	0.07	15	74	56	1386	>15	<.01	<10	<.01	884	35	<.01	<1	<10	334	<5	10000	2	<50	0.04	<10	8	<10	<1	168
53	RR0024	9.4	0.17	405	18	80	25	0.07	10	35	63	94	>15	<.01	<10	<.01	488	19	<.01	1	<10	142	<5	10000	10	<50	0.03	<10	9	<10	<1	138
54	RR0025	1.2	2.45	410	12	75	25	1.25	10	173	29	200	>15	0.04	<10	0.84	2243	<1	0.01	7	690	26	<5	<20	39	<50	0.02	<10	126	<10	<1	92
55	RR0026	0.8	1.61	<5	10	20	<5	0.32	1	15	51	109	5.46	0.17	<10	1.23	259	15	0.01	<1	900	26	10	<20	93	<50	<.01	<10	59	<10	<1	44
56	RR0027	1.0	0.39	<5	8	15	5	0.11	<1	12	53	20	4.31	0.20	<10	0.03	38	16	<.01	<1	760	14	<5	<20	19	<50	<.01	<10	6	<10	<1	29
57	RR0028	0.8	0.45	<5	8	20	10	0.11	<1	11	96	10	5.34	0.21	<10	0.05	56	12	<.01	<1	780	12	<5	<20	<1	<50	<.01	<10	6	<10	<1	25
58	RR0029	0.6	2.98	<5	10	70	<5	0.24	<1	9	119	90	6.02	0.16	<10	2.70	236	4	0.01	39	1300	42	20	<20	4	<50	<.01	<10	105	<10	<1	43
59	RR0030	0.8	1.00	<5	8	20	<5	0.19	1	9	36	19	4.62	0.22	<10	0.75	42	3	0.02	12	1490	24	<5	<20	<1	<50	<.01	<10	21	<10	<1	38
60	RR0031	0.6	1.07	<5	8	35	<5	0.15	<1	7	40	26	4.22	0.16	<10	1.03	43	7	0.02	10	820	18	10	<20	2	<50	<.01	<10	26	<10	<1	16

BEAR PAWS  
SAMPLES

RR4-06

20-Sep-94

ECO-TECH LABORATORIES LTD.  
10041 East Trans Canada Highway  
KAMLOOPS, B.C.  
V2C 2J3

Phone: 604-573-5700  
Fax : 604-573-4557

LAC MINERALS LTD. ETS 6332  
P.O. Box 337  
STEWART, B.C.  
V0T 1W0

ATTENTION: Theresa Rau

34 Rock samples received August 23, 1994  
Sample run date: 19 September, 1994  
Project: Red Mountain  
Samples submitted by: Tanya Mauthner  
Shipment: R94-06

RECEIVED SEP 30 1994  
ENTERED OCT 03 1994

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Te	Ti %	U	V	W	Y	Zn
(10) (bone 14)	RR0070	14.2	0.24	430	44	65	<5	3.08	6	109	59	5835	>15	0.05	<10	0.06	1455	3	0.01	5	3380	18	<5	<20	41	<50	<0.01	50	12	30	<1	45
(10) (bone 14)	RR0071	10.6	0.39	395	28	45	20	0.06	6	29	45	168	>15	<0.01	<10	0.45	714	139	0.01	3	<10	192	<5	<20	3	<50	<0.01	40	5	<10	<1	71
(10) (bone 14)	RR0072	18.0	0.83	390	28	50	<5	0.26	7	86	24	671	>15	0.03	<10	1.25	1611	26	0.01	4	180	242	<5	<20	27	<50	0.02	50	8	<10	<1	450
(10) (bone 14)	RR0073	10.8	0.20	1440	24	85	<5	0.13	17	25	36	1124	>15	0.01	<10	<0.01	153	37	<0.01	3	220	148	<5	<20	4	<50	0.02	60	9	<10	<1	245
	RR0074	>30	0.32	885	32	55	10	0.05	11	44	36	204	>15	0.02	<10	0.38	1501	13	<0.01	6	<10	134	<5	<20	9	<50	0.01	50	6	<10	<1	57
	RR0113	13.6	1.02	495	44	80	10	3.32	15	51	17	404	>15	0.12	<10	1.19	6182	12	<0.01	<1	3870	188	<5	<20	133	<50	0.02	100	29	10	<1	647
	RR0114	17.4	0.14	60	36	65	<5	4.44	12	27	74	>10000	>15	0.03	<10	0.99	4928	3	<0.01	4	1710	136	10	<20	115	<50	0.01	50	5	<10	<1	1103
	RR0115	>30	0.06	310	32	60	<5	0.48	21	77	76	>10000	>15	<0.01	<10	0.05	819	66	<0.01	3	850	124	<5	<20	13	<50	<0.01	60	5	<10	<1	2209
	RR0116	3.6	0.08	55	22	100	<5	0.60	3	19	72	458	>15	0.02	<10	<0.01	874	36	<0.01	4	<10	16	<5	<20	13	<50	<0.01	60	7	<10	<1	74
	RR0117	2.4	1.41	280	46	85	15	6.25	9	96	56	138	>15	0.15	<10	1.91	10000	13	<0.01	5	390	12	<5	<20	190	<50	0.02	100	27	<10	<1	405
	RR0118	4.4	0.19	30	26	90	<5	7.82	18	36	74	1580	>15	0.05	<10	0.15	4822	8	<0.01	5	770	132	<5	<20	80	<50	<0.01	50	9	<10	<1	1329
	RR0134	0.4	4.58	25	26	160	20	0.75	1	34	30	59	>15	0.08	<10	1.13	3026	<1	<0.01	9	1150	36	<5	<20	15	<50	0.03	30	241	<10	<1	127
	RR0135	<2	0.76	10	22	295	<5	0.86	<1	6	61	20	2.05	0.20	<10	0.39	1412	<1	<0.01	1	490	12	5	<20	15	<50	<0.01	<10	6	<10	5	105
	RR0197	<2	1.20	5	24	135	5	0.14	<1	5	65	6	3.76	0.12	<10	0.77	647	<1	0.02	2	510	12	<5	<20	6	<50	<0.01	<10	37	<10	2	30
	RR0198	<2	3.00	10	28	40	35	0.44	<1	321	44	16	12.40	<0.01	<10	2.76	2386	<1	0.03	10	1430	20	10	<20	12	<50	0.09	30	143	<10	<1	91
	RR0199	1.0	1.16	5	22	60	10	0.38	1	13	72	48	9.61	0.17	<10	0.5	6141	2	<0.01	4	490	12	<5	<20	16	<50	0.01	50	38	<10	<1	131
	RR0200	14.2	0.38	2625	24	45	<5	0.13	27	87	91	6165	13.60	0.10	<10	0.22	3613	199	<0.01	10	760	76	10	<20	3	<50	<0.01	30	39	<10	<1	125
	RR0212	22.2	0.11	675	26	20	<5	0.24	9	17	141	148	5.90	0.12	<10	<0.01	1227	41	<0.01	10	110	294	60	80	11	<50	<0.01	10	6	<10	<1	158
	RR0215	2.8	1.32	3350	24	65	15	4.58	52	14	110	46	9.84	0.02	<10	0.35	3579	15	<0.01	7	160	66	<5	<20	108	<50	<0.01	10	41	<10	<1	694
	RR0216	12.2	0.24	615	18	20	20	6.80	12	34	63	55	6.79	0.21	<10	<0.01	4239	8	0.02	5	410	364	<5	<20	165	<50	<0.01	40	4	<10	<1	587
	RR0217	1.0	0.93	75	30	400	35	12.10	29	13	48	26	>15	0.11	<10	0.11	3624	5	<0.01	4	320	236	<5	<20	1084	<50	0.01	60	83	<10	<1	832
	RR0251	1.4	3.05	>10000	24	55	<5	0.46	119	125	44	1459	14.70	0.10	<10	1.26	1623	7	<0.01	9	1290	30	15	<20	18	<50	<0.01	20	263	<10	<1	263
	RR0252	21.0	0.37	7310	18	50	<5	0.09	76	178	80	5802	14.20	0.07	<10	<0.01	3769	6	<0.01	9	310	92	<5	<20	8	<50	<0.01	40	19	<10	<1	205
	RR0253	18.8	0.52	8155	24	35	<5	0.09	85	462	102	8733	13.90	0.08	<10	0.07	263	10	<0.01	11	860	16	<5	<20	10	<50	<0.01	10	50	<10	<1	55
	RR0254	>30	0.04	>10000	14	70	<5	0.02	>1000	1917	34	>10000	>15	0.02	<10	<0.01	61	2	<0.01	17	>10000	124	145	<20	2	<50	<0.01	60	5	<10	<1	5930
	RR0255	>30	0.10	>10000	22	60	<5	0.02	>1000	2143	73	>10000	>15	0.02	<10	<0.01	210	25	<0.01	6	960	130	230	<20	3	<50	<0.01	30	17	<10	<1	192
	RR0256	27.6	1.95	>10000	22	60	<5	0.36	109	229	62	>10000	>15	0.04	<10	0.48	4956	12	<0.01	12	670	320	20	<20	106	<50	<0.01	40	61	<10	<1	740
	RR0257	0.2	3.30	1320	26	230	<5	0.39	14	45	22	378	>15	0.18	<10	1.12	2046	<1	0.01	5	1570	22	<5	<20	17	<50	<0.01	20	257	<10	<1	225
	RR0258	>30	0.59	>10000	20	55	<5	0.10	>1000	1015	67	>10000	>15	0.07	<10	0.1	422	28	<0.01	9	960	376	210	<20	4	<50	<0.01	40	48	<10	<1	1264

Et #.	Tag #	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Te	Ti %	U	V	W	Y	Zn
<i>Bele</i> <i>MS</i> 31	RR0259	4.0	1.83	3570	20	40	<5	0.17	37	92	66	2105	11.50	0.15	<10	0.61	547	2	<0.1	17	860	26	<5	<20	10	<50	<0.1	<10	162	<10	<1	137
32	RR0260	6.8	0.66	4680	22	30	<5	0.14	47	147	91	2549	9.26	0.13	<10	0.15	426	7	<0.1	7	710	46	<5	20	4	<50	<0.1	<10	47	<10	<1	92
<i>No T</i> <i>See PMS</i> 33	RR0194	4.0	0.49	275	16	30	<5	3.13	12	13	61	319	6.09	0.26	<10	0.98	1585	5	<0.1	17	1060	180	5	<20	109	<50	<0.1	10	8	<10	<1	1123
34	RR0195	2.8	0.61	380	18	<5	<5	2.84	11	8	57	188	5.39	0.39	<10	0.64	1913	3	<0.1	9	830	144	10	<20	85	<50	0.03	<10	9	<10	<1	613

**QC DATA**

**Resplits:**

R/S1	RMS15507R	<2	3.06	90	20	55	<5	1.72	1	44	104	469	9.16	0.08	<10	1.36	588	<1	0.14	140	3730	18	5	<20	128	<50	0.04	<10	97	<10	<1	42
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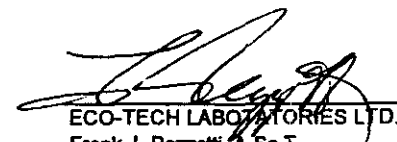
**Repeats:**

1	RMS15507D	<2	3.09	90	20	60	<5	1.74	2	45	102	476	9.41	0.08	<10	1.37	596	<1	0.14	145	3820	15	5	<20	133	<50	0.04	<10	99	<10	<1	42
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**Standard 1991**

		1.2	1.80	80	20	180	<5	1.84	1	20	61	95	4.24	0.40	<10	0.99	717	<1	0.02	27	700	30	10	<20	61	<50	0.10	<10	78	<10	3	80
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df#6332

  
 ECO-TECH LABORATORIES LTD.  
 Frank J. Pezzotti, A.Sc.T.  
 BC Certified Assayer



9-Sep-94

ECO-TECH LABORATORIES LTD.  
10041 East Trans Canada Highway  
KAMLOOPS, B.C.  
V2C 2J3

Phone: 604-573-5700  
Fax : 604-573-4557

LAC MINERALS LTD. ETS 6287  
P.O. Box 337  
STEWART, B.C.  
VOT 1W0

ATTENTION: Theresa Rau

28 rock samples received August 10, 1994  
Sample run date: 1 September, 1994  
Project: Red Mountain  
Samples submitted by: Tanya Mauthner  
Shipment: R94-05

*Mail*  
RECEIVED NOV 14 1994

ENTERED NOV 14 1994  
*TR*

Values in ppm unless otherwise reported

*BEAR HILLS  
SAMPLES*

Et #	Tag #	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Te	Ti %	U	V	W	Y	Zn
1	RR0165	12.2	1.51	85	4	30	5	0.18	1	20	69	3005	6.98	0.17	<10	0.71	1943	3	<.01	2	1120	20	<5	<20	6	<50	<.01	<10	34	<10	4	86
2	RR0166	0.6	0.37	35	2	25	5	0.34	<1	7	53	39	4.44	0.17	<10	0.08	121	<1	0.02	2	660	4	<5	<20	8	<50	<.01	<10	6	<10	9	11
3	RR0172	<.2	1.83	5	6	85	5	0.61	<1	14	43	43	3.94	0.05	<10	1.39	1079	<1	0.02	3	1250	20	5	<20	35	<50	0.08	<10	60	<10	4	355
4	RR0173	9.2	0.38	1110	4	30	5	0.18	33	58	63	379	>15	0.08	<10	0.09	129	<1	<.01	13	90	236	<5	<20	3	<50	<.01	<10	5	<10	<1	2408
5	RR0174	1.6	0.25	115	4	20	5	0.02	2	7	112	26	4.36	0.04	<10	0.14	94	2	<.01	8	<10	18	<5	<20	2	<50	<.01	<10	10	<10	<1	105
6	RR0175	1.4	0.39	200	4	60	5	0.32	2	5	57	38	3.04	0.14	<10	0.10	134	5	<.01	<1	1600	50	<5	<20	10	<50	<.01	<10	25	<10	4	60
7	RR0176	0.8	0.29	80	4	15	5	0.22	3	8	77	61	5.77	0.10	<10	0.05	380	7	0.01	2	530	80	<5	<20	12	<50	<.01	<10	9	<10	<1	64
8	RR0177	1.4	3.39	5	2	90	5	0.31	13	20	39	1508	>15	0.04	<10	1.20	6589	<1	<.01	3	980	46	<5	<20	19	<50	0.03	<10	103	<10	<1	992
9	RR0178	<.2	1.82	5	4	185	5	1.48	2	15	107	49	9.44	0.02	<10	0.75	2257	4	<.01	6	250	32	<5	<20	22	<50	0.02	<10	135	<10	<1	315
10	RR0179	<.2	0.33	5	6	100	5	1.22	<1	5	81	21	2.49	0.10	<10	0.08	1225	7	<.01	4	360	12	<5	<20	26	<50	<.01	<10	19	<10	3	60
11	RR0180	>30	0.20	2375	<2	50	5	2.98	>1000	20	37	3828	11.70	0.13	<10	0.08	1937	<1	<.01	2	1660	372	<5	<20	65	<50	<.01	<10	7	<10	<1	10000
12	RR0181	>30	0.39	>10000	4	55	5	3.61	490	30	53	3868	>15	0.13	<10	0.63	1558	<1	<.01	10	1140	126	30	<20	221	<50	<.01	<10	12	<10	<1	1942
13	RR0182	13.8	0.53	>10000	4	45	5	7.89	222	19	37	2332	7.47	0.07	<10	0.68	3805	<1	<.01	5	1090	40	15	<20	801	<50	<.01	<10	13	<10	4	537
14	RR0183	21.8	1.10	>10000	4	50	5	2.38	225	32	41	4753	10.80	0.18	<10	0.90	1798	<1	<.01	12	2160	138	55	<20	102	<50	<.01	<10	28	<10	<1	1161
15	RR0184	17.0	0.20	3305	4	50	5	0.77	28	47	28	>10000	>15	0.15	<10	0.06	892	<1	<.01	9	1870	14	<5	<20	26	<50	<.01	<10	6	<10	<1	482
16	RR0185	1.8	0.30	785	4	35	5	2.40	8	17	56	1443	9.29	0.10	<10	0.54	1788	<1	<.01	4	670	10	<5	<20	73	<50	<.01	<10	15	<10	<1	210
17	RR0186	18.8	0.22	40	<2	60	5	1.39	4	139	46	5641	>15	0.12	<10	0.22	989	<1	<.01	13	810	18	<5	<20	64	<50	0.01	<10	11	<10	<1	227
18	RR0187	0.8	0.65	85	2	60	5	0.22	2	9	121	239	3.33	0.10	20	0.19	283	<1	<.01	3	510	34	<5	<20	19	<50	<.01	<10	35	<10	4	94
19	RR0188	2.8	0.28	205	4	20	5	0.09	6	8	89	62	8.22	0.10	<10	0.02	191	11	<.01	2	250	202	<5	<20	11	<50	<.01	<10	37	<10	<1	390
20	RR0189	1.4	0.11	115	4	75	5	0.05	1	2	76	36	1.48	0.17	<10	<.01	53	1	0.01	<1	260	94	5	<20	8	<50	<.01	<10	3	<10	<1	33
21	RR0190	<.2	0.61	30	4	55	5	2.46	1	3	76	28	2.54	0.11	30	0.12	558	<1	<.01	2	660	36	<5	<20	137	<50	0.03	<10	43	<10	5	81
22	RR0191	1.0	0.25	160	6	40	5	0.14	1	4	128	25	3.16	0.12	<10	0.03	89	3	<.01	2	490	72	15	<20	17	<50	<.01	<10	26	<10	<1	36
23	RR0192	0.2	0.34	150	6	35	5	0.10	2	5	79	15	3.25	0.14	<10	0.05	92	3	<.01	2	480	120	10	<20	15	<50	<.01	<10	23	<10	<1	39
24	RR0193	10.2	0.08	155	4	20	5	0.05	2	12	49	30	9.15	0.09	<10	<.01	21	8	<.01	<1	<10	328	25	<20	13	<50	<.01	<10	4	<10	<1	123
25	RR0208	>30	0.18	80	<2	70	5	1.52	>1000	38	18	2207	>15	0.08	<10	1.57	>10000	<1	<.01	35	320	>10000	3500	<20	21	<50	<.01	<10	26	<10	<1	>10000

26-Sep-94

RECEIVED OCT 06 1994

RECEIVED OCT 11 1994

ECO-TECH LABORATORIES LTD.  
10041 East Trans Canada Highway  
KAMLOOPS, B.C.  
V2C 2J3

LAC MINERALS LTD. ETS 6367  
P.O. Box 337  
STEWART, B.C.  
V0T 1W0

Phone: 604-573-5700  
Fax : 604-573-4557

ATTENTION: Theresa Rau

36 Rock samples received September 7, 1994  
Sample run date: September 23, 1994  
Project: Red Mountain Regional  
Samples submitted by: K. Bull  
Shipment: RR94-07

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Te	Ti %	U	V	W	Y	Zn
1	RMS13024	0.6	0.34	45	8	35	<5	0.05	<1	8	117	144	2.96	<0.01	<10	0.20	118	22	<0.01	4	70	12	<5	<20	3	<50	<0.01	20	16	<10	<1	30
2	RR0092	>30	0.10	4405	8	50	10	0.03	51	13	86	293	>15	0.03	<10	<0.01	57	<1	0.02	3	<10	1130	<5	<20	9	<50	<0.01	50	2	<10	<1	196
3	RR0196	2.8	0.28	55	8	240	<5	2.21	1	14	33	>10000	9.62	0.21	<10	0.23	2758	4	<0.01	<1	1990	46	<5	<20	65	<50	0.02	40	23	<10	<1	209
4	RR0213	<2	1.79	75	6	40	<5	0.60	1	21	67	301	7.75	0.03	<10	1.39	522	<1	0.03	12	1830	40	<5	<20	17	<50	0.25	20	196	<10	<1	49
5	RR0224	11.2	0.17	10	8	40	20	0.24	3	11	66	101	>15	0.09	<10	<0.01	41	31	<0.01	47	20	34	<5	<20	9	<50	<0.01	30	13	<10	<1	138
6	RR0225	1.0	1.04	<5	12	90	15	0.75	1	112	54	520	>15	0.03	<10	0.66	438	32	0.03	157	150	8	<5	<20	10	<50	0.13	70	71	<10	<1	87
7	RR0226	1.2	1.31	<5	10	95	<5	1.09	<1	8	44	75	2.93	0.20	<10	0.89	448	<1	0.02	22	1330	38	10	<20	21	<50	0.01	<10	18	<10	<1	65
8	RR0261	16.6	2.08	635	8	65	35	0.35	8	99	23	68	>15	0.01	<10	2.01	1366	<1	<0.01	<1	600	328	<5	<20	63	<50	0.08	60	38	<10	<1	120
9	RR0262	<2	3.61	10	10	65	20	0.53	1	22	16	11	9.51	0.03	<10	2.88	1051	<1	0.03	4	2310	50	15	<20	12	<50	<0.01	<10	255	<10	<1	162
10	RR0263	0.2	2.10	<5	10	45	20	0.34	2	15	40	7	7.87	0.03	<10	1.42	510	<1	0.04	6	1680	52	5	<20	19	<50	<0.01	10	198	<10	<1	165
11	RR0264	0.8	3.66	5	12	85	<5	0.47	7	31	17	1598	12.50	0.06	<10	1.54	1172	6	0.01	8	1520	96	5	<20	30	<50	0.01	30	289	<10	<1	387
12	RR0265	2.0	0.27	<5	10	75	<5	0.24	1	12	66	222	7.59	0.17	<10	0.67	1502	<1	<0.01	3	760	206	5	<20	15	<50	<0.01	20	12	<10	<1	117
13	RR0266	2.0	3.64	10	14	100	20	0.57	3	22	20	128	14.50	0.09	<10	1.37	3745	<1	<0.01	4	1290	160	<5	<20	46	<50	0.01	50	148	<10	<1	378
14	RR0267	>30	0.23	240	10	50	<5	0.29	8	47	53	2551	5.20	0.16	<10	0.22	707	77	<0.01	7	1340	2310	60	<20	15	<50	<0.01	20	17	<10	<1	336
15	RR0268	0.8	0.92	1320	10	45	<5	2.23	15	12	28	74	4.66	0.13	<10	0.60	512	1	0.02	2	1240	54	20	<20	37	<50	0.01	10	23	10	3	54
16	RR0269	0.2	1.72	2095	8	40	10	0.17	23	15	13	35	5.28	0.13	<10	1.30	205	<1	<0.01	3	730	42	35	<20	2	<50	0.03	10	21	<10	<1	62
17	RR0270	0.4	1.00	5280	10	35	20	0.24	58	16	25	28	8.28	0.15	<10	0.56	232	7	<0.01	3	1090	38	50	<20	6	<50	0.02	20	42	<10	<1	39
18	RR0271	2.8	0.24	>10000	10	30	20	0.05	148	13	29	24	11.20	0.13	<10	<0.01	23	37	<0.01	2	400	64	135	<20	2	<50	0.01	20	6	<10	<1	17
19	RR0272	0.2	1.24	1970	8	90	<5	9.19	22	9	42	18	3.15	0.13	<10	0.84	1786	<1	0.01	1	1170	16	25	<20	142	<50	<0.01	20	32	<10	11	67
20	RR0273	0.2	1.16	3290	8	40	15	0.18	36	13	10	29	6.07	0.17	<10	0.66	162	<1	<0.01	1	850	32	35	<20	4	<50	<0.01	20	19	10	<1	55
21	RR0274	0.6	1.42	2010	8	40	10	0.22	22	14	31	14	5.44	0.14	<10	0.80	326	<1	<0.01	<1	1090	40	40	<20	1	<50	<0.01	<10	21	<10	<1	42
22	RR0275	0.4	0.35	1555	8	30	5	>15	17	2	15	6	2.17	0.02	<10	0.52	2139	6	<0.01	<1	240	<2	30	<20	617	<50	<0.01	<10	8	<10	<1	10
23	RR0276	0.4	0.81	960	10	55	<5	1.16	11	12	37	17	3.86	0.24	<10	0.26	370	<1	0.01	1	1340	20	15	<20	19	<50	0.01	10	21	<10	4	44
24	RR0277	3.4	0.35	7435	10	40	25	0.34	81	33	32	86	14.20	0.19	<10	<0.01	86	8	<0.01	3	550	88	265	<20	8	<50	<0.01	40	13	<10	<1	23
25	RR0278	<2	3.07	155	8	45	<5	1.40	2	40	41	307	7.62	0.02	<10	1.58	768	<1	0.06	54	920	46	15	<20	27	<50	0.26	10	100	<10	5	107
26	RR0279	<2	1.27	<5	10	85	10	4.00	<1	94	38	411	>15	0.01	<10	0.80	927	<1	0.01	136	170	12	<5	<20	13	<50	0.18	50	68	<10	<1	69
27	RR0280	<2	2.92	<5	8	45	10	1.43	<1	45	46	193	8.43	0.03	<10	1.58	1123	<1	0.07	67	710	34	10	<20	20	<50	0.29	20	156	<10	<1	97
28	RR0281	<2	3.05	<5	8	50	15	1.21	<1	40	46	188	9.12	0.02	<10	1.74	1396	<1	0.05	66	850	36	5	<20	14	<50	0.30	20	178	<10	<1	105
29	RR0282	<2	3.88	40	12	50	20	1.38	1	59	134	196	11.80	<0.01	<10	2.81	1230	<1	<0.01	86	800	46	10	<20	16	<50	0.42	20	232	<10	<1	117
30	RR0283	1.4	0.43	100	8	60	<5	0.39	4	8	73	74	3.55	0.15	<10	0.10	68	136	<0.01	113	1870	22	25	<20	17	<50	0.01	20	178	<10	7	383

BEAR PAST SAMPLES

**APPENDIX V**

**1994 BEAR PASS WHOLE ROCK (XRF)  
ANALYSES**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221

To: LAC MINERALS

P.O. BOX 337  
STEWART, BC  
V0T 1W0

Project: RED MOUNTAIN  
Comments:

Page Number : 1  
Total Pages : 1  
Certificate Date: 10-AUG-94  
Invoice No.: 19421082  
P.O. Number : R94-01  
Account : KYO

## CERTIFICATE OF ANALYSIS A9421082

BEAR PASS  
SAMPLES

SAMPLE	PREP CODE	Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm
RR 0002	214 --	16.18	3.29	0.02	3.84	9.73	0.35	0.17	1.25	0.22	60.88	0.52	2.76	99.21	2450	233	179	10	181	41
RR 0005	214 --	17.52	0.39	0.01	11.17	13.10	0.90	0.11	0.29	0.27	52.21	0.96	2.92	99.85	2400	239	71	7	112	35
RR 0006	214 --	17.57	0.25	0.01	6.59	2.82	2.12	< 0.01	4.53	0.28	59.80	0.69	5.27	99.93	832	76	159	8	96	22
RR 0007	214 --	16.76	0.42	0.02	8.95	1.93	2.77	0.03	4.60	0.31	57.76	0.61	5.82	99.98	510	59	69	7	86	25
RR 0009	214 --	16.28	0.34	0.01	4.38	3.08	2.32	< 0.01	2.49	0.22	66.07	0.47	4.14	99.80	3350	84	165	10	105	18
RR 0010	214 --	10.72	0.35	0.02	16.77	2.22	1.36	0.05	1.33	0.13	57.21	0.33	8.84	99.33	904	62	45	7	75	12
RR 0013	214 --	16.36	1.88	0.01	6.24	4.16	2.99	0.15	3.91	0.24	59.65	0.52	3.07	99.18	1820	81	425	9	123	24

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221

LAC MINERALS

P.O. BOX 337  
STEWART, BC  
V0T 1W0

Project: REGIONAL  
Comments: ATTN: KATE BULL.

Page No. : 1  
Total Pages : 1  
Certificate Date: 12-OCT-94  
Invoice No. : 19425666  
P.O. Number : 94-133  
Account : KYO

## CERTIFICATE OF ANALYSIS

### A9425666

BEAR PASS  
SAMPLES

SAMPLE	PREP CODE	Al2O3 %	CaO %	%Cr2O3	%Fe2O3	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL	Ba	Rb	Sr	Nb	Zr	Y
		XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	%	ppm	ppm	ppm	ppm	ppm
RR0134	268 --	16.30	0.91	0.01	22.63	6.42	1.77	0.36	0.75	0.28	45.26	0.94	4.28	99.91	2160	91	66	3	62	32
RR0135	268 --	15.11	0.98	0.01	3.16	10.97	1.16	0.18	0.44	0.10	63.24	0.45	2.58	98.38	2600	243	86	14	216	59
RR0197	268 --	15.12	0.21	0.02	5.35	7.36	1.44	0.08	2.80	0.11	63.72	0.34	1.79	98.34	1590	125	66	10	154	34

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221

To: LAC MINERALS

P.O. BOX 337  
STEWART, BC  
V0T 1W0

Project: REGIONAL  
Comments: ATTN: KATE BULL

Pa umber :1  
Tot. pages :1  
Certificate Date: 03-OCT-94  
Invoice No. :19423979  
P.O. Number :94-101  
Account :KYO

## CERTIFICATE OF ANALYSIS

A9423979

SAMPLE	PREP CODE	Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	Ba ppm	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm
		XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	%					
RR 0172	214 --	18.80	1.82	< 0.01	6.44	1.82	2.54	0.38	1.40	0.27	58.40	0.31	2.05	100.10	2560	27	606	6	124	13
RR 0179	214 --	14.90	1.53	< 0.01	3.25	9.53	0.36	0.17	0.38	0.09	69.10	0.23	0.85	100.40	2190	209	137	7	118	40
RR 0187	214 --	15.90	0.22	0.02	3.97	11.00	0.43	0.03	0.83	0.11	66.50	0.25	0.80	100.10	2300	195	73	11	180	48
RR 0190	214 --	17.00	3.11	< 0.01	3.20	12.80	0.29	0.07	0.58	0.15	60.60	0.33	0.15	98.30	2050	219	179	10	192	46

CERTIFICATION:

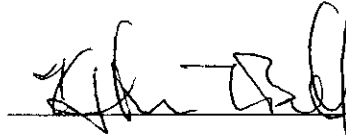
*Hart Bickler*

**CERTIFICATE OF QUALIFICATIONS**

I, Katharine F. Bull of P.O. Box 81418, Fairbanks, Alaska, USA, do hereby certify that:

- 1) I have received a Bachelor of Science degree in geology from the University of Washington, Seattle, Washington, in 1984, and a Master of Science degree from the University of Alaska, Fairbanks, Alaska in 1988.
- 2) I am a member in good standing of the Alaska Miner's Association and of the Association of Women in Science.
- 3) I have continuously practiced my profession since 1981, in Alaska, Arizona, British Columbia and Greenland.
- 4) I am a partner of Dihedral Exploration of PO Box 81418, Fairbanks, Alaska.
- 5) The statements in this report are based on field work on the property claims at intervals during the period from 1 July to 11 October, 1994.

Dated at Stewart, B.C. on this 21st day November, 1994.

A handwritten signature in black ink, appearing to read 'Katharine F. Bull', written over a horizontal line.

Katharine F. Bull

## APPENDIX VI

## BEAR PASS PROPERTY COST SUMMARY

<b>I. GEORGE GOLD-COPPER CLAIM GROUP</b>	
SALARIES (charged to project)	2505.00
HELICOPTER	2683.50
ADMINISTRATION/OVERHEAD	1197.71
SAMPLES PREP. AND ANALYSES:	
FIRE ASSAY	422.70
ICP	156.80
WR (XRF)	84.80
<b>SUBTOTAL GEORGE GOLD-COPPER CLAIM GROUP</b>	<b>7090.61</b>
<b>II. HEATHER CLAIM GROUP</b>	
SALARIES (charged to project)	850.00
HELICOPTER	766.71
ADMINISTRATION/OVERHEAD	342.20
SAMPLES PREP. AND ANALYSES:	
FIRE ASSAY	140.90
ICP	52.30
WR (XRF)	84.80
<b>SUBTOTAL HEATHER CLAIM GROUP</b>	<b>2346.92</b>
<b>III. ENTERPRISE CLAIM GROUP</b>	
SALARIES (charged to project)	475.00
HELICOPTER	383.36
ADMINISTRATION/OVERHEAD	171.10
SAMPLES PREP. AND ANALYSES:	
FIRE ASSAY	84.54
ICP	31.38
WR (XRF)	0.00
<b>SUBTOTAL ENTERPRISE CLAIM GROUP</b>	<b>1145.38</b>
<b>IV. RED TOP CLAIM GROUP</b>	
SALARIES (charged to project)	475.00
HELICOPTER	383.36
ADMINISTRATION/OVERHEAD	171.10
SAMPLES PREP. AND ANALYSES:	
FIRE ASSAY	70.45
ICP	28.15
WR (XRF)	31.60
<b>SUBTOTAL RED TOP CLAIM GROUP</b>	<b>1157.66</b>
<b>V. BARITE CLAIM GROUP</b>	
SALARIES (charged to project)	237.50
HELICOPTER	383.36
ADMINISTRATION/OVERHEAD	85.55
SAMPLES PREP. AND ANALYSES:	
FIRE ASSAY	14.09
ICP	5.23
WR (XRF)	0.00
<b>SUBTOTAL BARITE CLAIM GROUP</b>	<b>725.73</b>
<b>GRAND TOTAL</b>	<b>12436.29</b>



Addendum to:

**“Property Evaluation Bear Pass Project”**

Covering the Locations of the Assessment  
Work Completed by:-

**Katharine Bull - Dihedral Exploration**

\*\*\*

**Bear Pass Claims - Skeena Mining Division  
Cassiar Land District**

for

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

International Tourmaline Corporation  
1407 - 700 West Pender Street  
Vancouver, B.C.

TEL (604) 681 - 7281 FAX (604) 681 - 8313

**23,854**

**Re: Bear Pass Claim**

This brief report is an addendum to the "Property Evaluation" of the Bear pass Property of International Tournigan Corporation by Katharine Bull dated 30 November 94.

The purpose of this report is to assist in the location of work completed by Ms. Bull in her work program on the property.

A total of \$ 12,436.29 was spent during the work program which covered 5 occurrences located in the Bear Pass. The Barite claims do not adjoin the main claim block and the expenditure of \$ 725.73 has been deducted for the work on that group.

Field work was completed on the following claims:

I George Gold-Copper Claims - Copper Queen Adit Area

Copper Queen No. 1	Lot 4788
Copper Queen No. 2	Lot 4792
Castle Rock	Lot 4784

Blue, White, Green and Jasper Veins

Helena	Lot 4783
Grand View	Lot 4793

II Enterprise Claims - Frenchman's Tunnel Area

Enterprise	Lot 5346
Enterprise No. 1	Lot 5347
Enterprise No. 2	Lot 5348
Enterprise No. 3	Lot 5349

III Heather Claims

Heather	Lot 5354
Heather Fr.	Lot 5366
Heather No. 4	Lot 5365
Heather No. 2	Lot 5356
Heather No. 1	Lot 5355

IV Red Top Claims

Red Top No. 1	Lot 4804
Red Top	Lot 4803
Red Top No. Fr.	Lot 4949
Superior	Lot 4801
Amazon No. 2	Lot 4968

V Barite Claims

**NOT CONTIGUOUS TO MAIN BLOCK**

**John L. DeLeen P. Eng.**  
Senior Economic Engineer

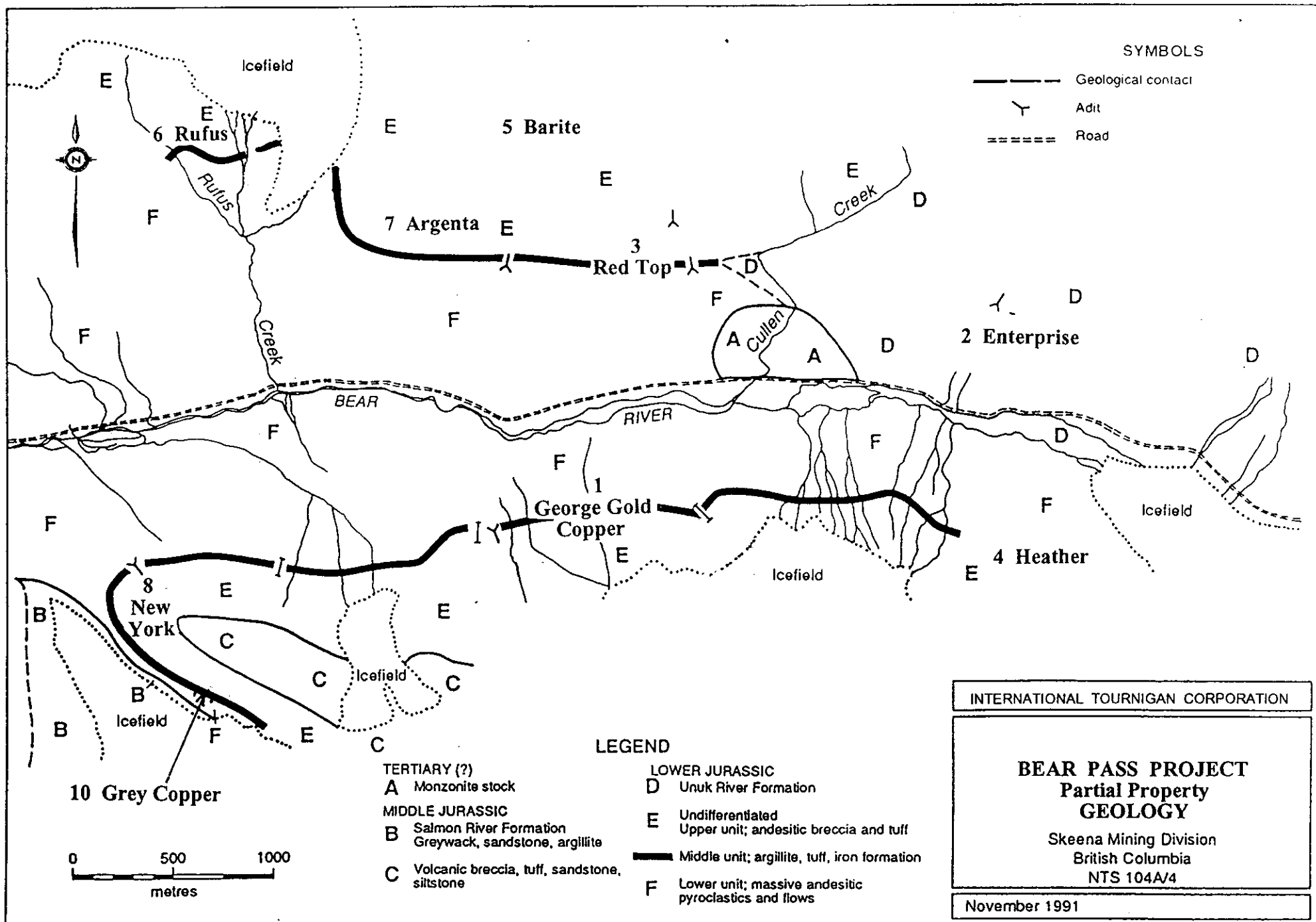
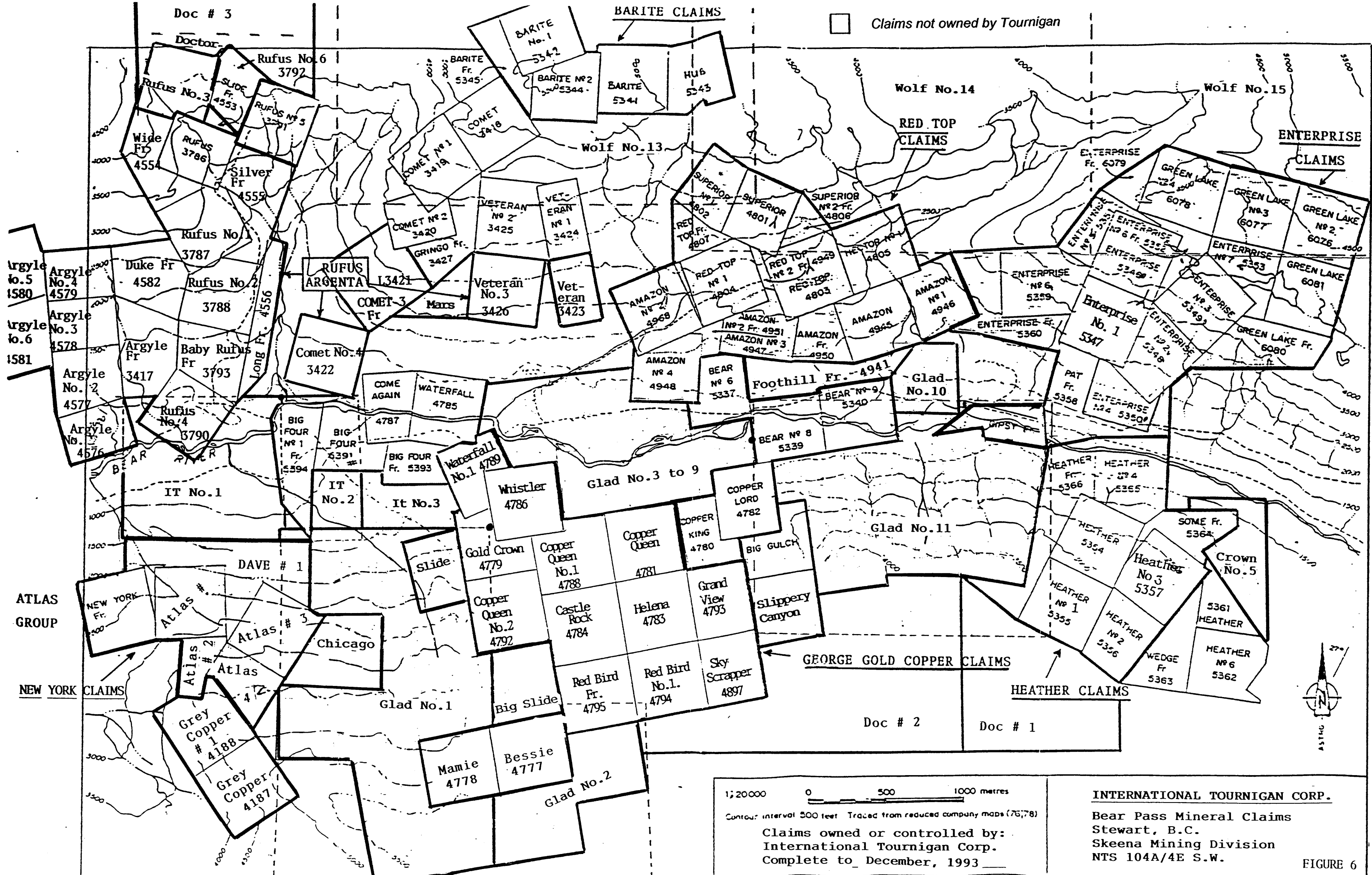


Figure II - 3A





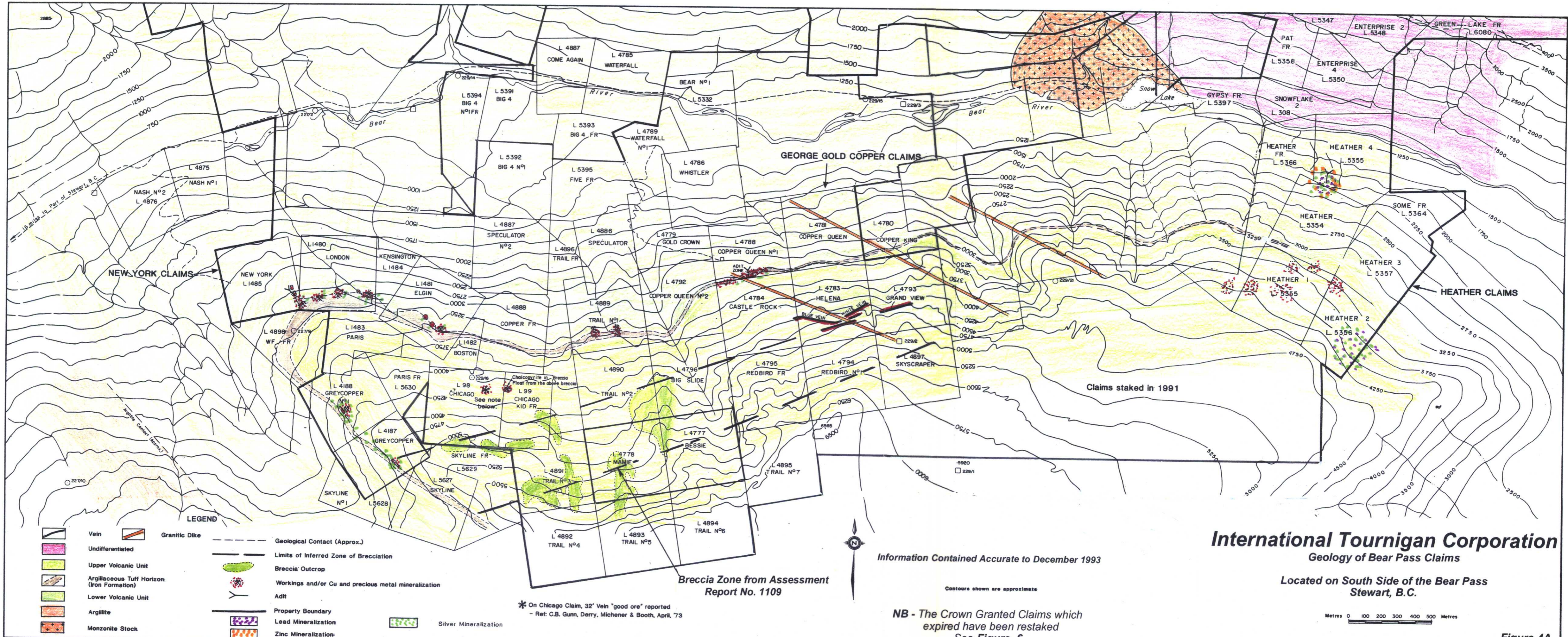


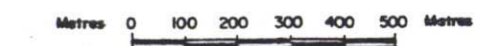
Figure 4A



# International Tournigan Corporation

## Geology of Bear Pass Claims

Located on North Side of the Bear Pass  
Stewart, B.C.



### LEGEND

- |  |  |  |               |  |   |
|--|--|--|---------------|--|---|
|  | Vein                                       |  | Granitic Dyke |  | Geological Contact (Approx.)                        |
|  | Undifferentiated                           |  |               |  | Limits of Inferred Zone of Brecciation              |
|  | Upper Volcanic Unit                        |  |               |  | Breccia Outcrop                                     |
|  | Argillaceous Tuff Horizon (Iron Formation) |  |               |  | Working and/or Cu and precious metal mineralization |
|  | Lower Volcanic Unit                        |  |               |  | Adit  |
|  | Argillite                                  |  |               |  | Property Boundary                                   |
|  | Monzonite Stock                            |  |               |  |   |
|  | Lead Mineralization                        |  |               |  |   |
|  | Zinc Mineralization                        |  |               |  |   |
|  | Silver Mineralization                      |  |               |  |   |

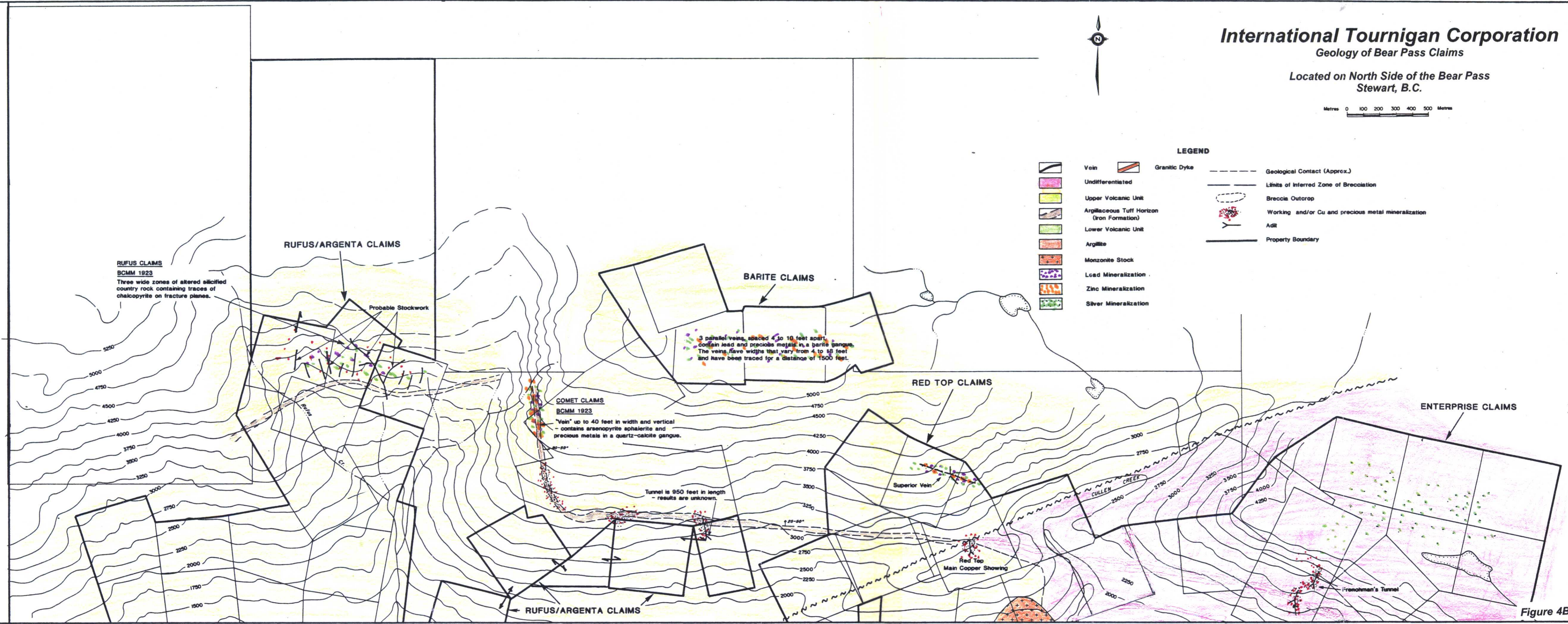
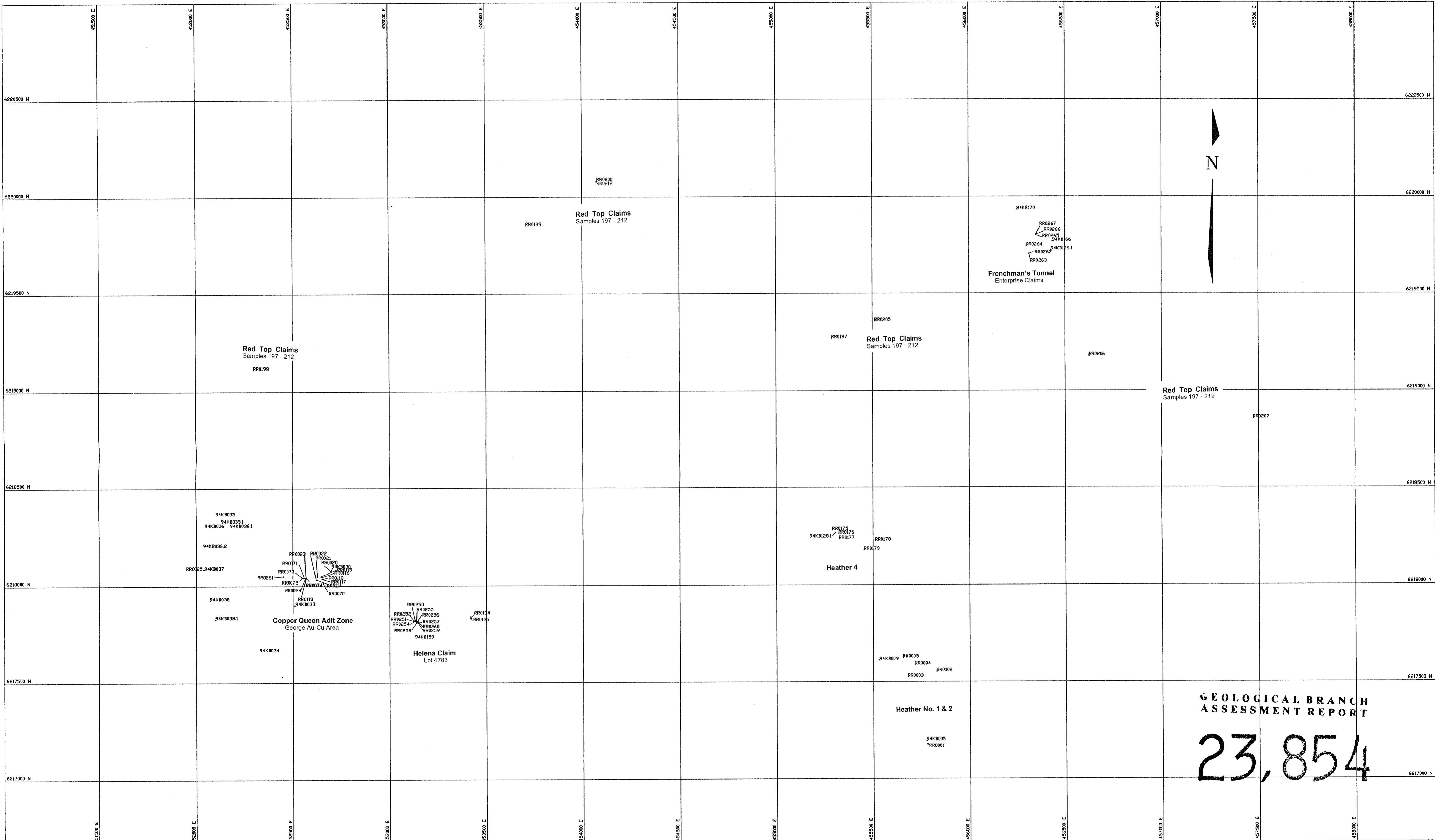


Figure 4B





GEOLOGICAL BRANCH  
ASSESSMENT REPORT

23,854

NOTES: PLOTTED IN NAD 27



COMPOSITION	8	10
1	8	11
2	7	12
3	6	13
4	5	14

Geology by: K. Bull, T. Mauthner, D. Green, B. Anderson, R. Courmeyer

**RED MOUNTAIN PROJECT**  
**BEAR PASS PROPERTY**  
**SAMPLE LOCATIONS**

DATE DRAWN: December 6, 1994      SCALE: 1:10000      Figure No.  
DRAWN BY: KFB, FYP      JOB No.  
DRAWING No.: J:\REG\ML\DWG\TOURM\RDW      N.T.S.: 1044/4





