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2000 DIAMOND DRILLING REPORT

ON THE

BOOTLEG PROPERTY

LATITUDE 49° 40' 00"N LONGITUDE 116° 08' 00"W

NTS 082F/09

FORT STEELE MINING DIVISION, BRITISH COLUMBIA, CANADA

PREPARED BY

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For

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> > CEOLOGICAL SURVEY BRANCH OCTOBER, 2000

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1.0 Abstract

The Bootleg property comprises 110 mineral claims with a total of 186 claim units. The property is the subject of an option agreement between Rio Algom Exploration Inc. (Rio Algom) and Eagle Plains Resources Ltd. dated April 5, 2000. The claims are within the Fort Steele Mining Division, and located west of the town of Kimberley, B.C. Road access to the property is via the St. Mary Lake Road and the Matthew Creek and Bootleg Forest Service Roads. A helicopter was used to move the drill and to transport the drill crew to and from Cranbrook.

The Bootleg property lies within the Purcell Anticlinorium. The Proterozoic aged Purcell Supergroup is exposed in the core of the Anticlinorium with the lower Aldridge Formation forming the basal part of the Purcell Supergroup. The lower Aldridge comprises thin bedded, rusty quartzitic wacke and siltstone. The lower Aldridge is conformably overlain by the middle Aldridge comprised of thin to medium bedded, rusty to grey weathering quartz wacke, quartzitic wacke and siltstone units. Syn-depositional gabbro sills and dikes have intruded the lower and middle Aldridge Formation.

The most significant base metal deposit in the region is Cominco's Sullivan deposit 12km eastnortheast of the centre of the Bootleg property. This sedimentary exhalative lead-zinc sulfide deposit contained an estimated 170 MT grading 5.5% zinc, 5.8% lead and 59 gram per tonne silver; and is stratigraphically situated immediately below the lower Aldridge-middle Aldridge contact (LMC).

A diamond drill hole was collared in the northwest corner of the property, to test the LMC at depth. Drilling took place between August 27 and September 9, 2000. The LMC was intersected at 519.1m with an additional 10.77m of favourable stratigraphy, before encountering gabbro at 529.87m. This gabbro sill was known from mapping to occur at lower stratigraphy, and was thus interpreted to be "arching" up through the stratigraphy. Gabbro continued to the bottom of the hole at 595.5m. A pyrrhotite bearing fragmental unit mapped at the LMC southeast of the drill hole was not intersected. This fragmental was interpreted to pinch out or be faulted out to the north. Analysis of the target zone material below the LMC revealed only very weakly anomalous base metal (92ppm Zn over the topmost 4m below the LMC). The low zinc values do not indicate that a further test of the LMC on the property is warranted. No further work is recommended for this property.

2.0 Introduction

2.1 Property Location, Access and Physiography

The Bootleg property comprises 110 mineral claims with a total of 186 claim units. The property is centred north of Bootleg Mountain, west of Kimberley, B.C. The Bootleg property is within the Fort Steele Mining Division, covered by NTS map sheet 82F/09E, and is centred at 49° 40' 00" north and longitude 116° 08' 00" west (Figure 1). The St. Mary River runs south of the property. A major tributary, Matthew Creek runs through the northeast and eastern portions of the Bootleg property.

Road access to the property is via the St. Mary Lake Road, the Matthew Creek and Bootleg Forest Service Roads, and minor branches and overgrown tracks. Because of the relatively rugged ground and limited road access, a helicopter was used on several traverses to access the high alpine areas in the vicinity of Bootleg Mountain.

The property is located within the Purcell Mountains, at elevations ranging from 1200m above sea level in the Matthew Creek valley, to 2609m at the summit of Bootleg Mountain. Vegetation at lower elevations consists of mature timber. Some of these forests have been logged and/or burned over. At higher elevations, scrub spruce, willow, and alpine shrubs and grasses predominate. The high ridges and cirques expose bare rock and talus. Outcrop exposure is good on the ridges, and relatively poor on the forested valley slopes. The climate is characterized by low to moderate precipitation with temperatures ranging from -30° Celsius in the winter to over 25° Celsius in the summer. The project area is generally accessible from late June to mid-October, depending on the preceding winter's snowfall.

2.2 Claim Status

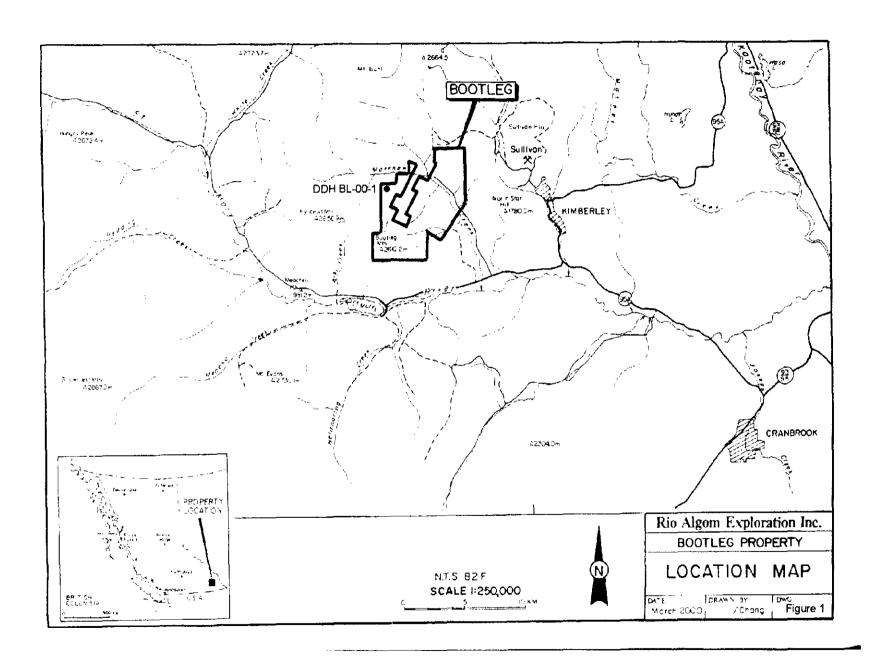
The 110 mineral claims of the Bootleg property are owned by Rio Algom Exploration Inc., subject to an option agreement with Eagle Plains Resources Ltd. dated April 5, 2000. The claims cover an area of approximately 33km^2 . A listing of claims and their status is attached in Appendix I. The expiry dates of the claims reflect the filed assessment work credits detailed in this report.

2.3 Exploration History

Placer gold exploration and mining in the East Kootenay region began on the Wild Horse River near Ft. Steele in the mid-1860s. The discovery of the St. Eugene deposit at Moyie, and the Sullivan deposit, 13 km to the east at Kimberley, switched the major focus of exploration to lead and zinc mineralization. Several small-scale workings, mainly in quartz veins and shears are located in the Alki Creek and Pyramid Creek areas west of the Bootleg property. These date to the 1890s or early part of the 1900s.

Current exploration activities in the East Kootenays are mostly focussed on lead-zinc mineralization within the Aldridge Group, particularly in the Sullivan–North Star corridor, the Moyie–Yahk area and the Findlay-Skookumchuck Creek area.

Cominco has conducted exploration in the Bootleg area in the past, as part of their regional search for Sedex deposits in the Aldridge Formation. This work included some drilling in the 1980s. Cominco continues to hold claims in the immediate area. Eagle Plains Resources Ltd. staked the initial claims of the Bootleg Property in January, 1996. From 1996 to 1999 Eagle Plains Resources Ltd. undertook exploration of the Bootleg Property, consisting of geochemical sampling, prospecting and mapping.



3.0 2000 Exploration Program

3.1 **Objective and Exploration Target**

The exploration target for Rio Algom Exploration Inc. on the Bootleg property is a Sullivan-type sedimentary exhalative (Sedex) lead-zinc sulphide deposit stratigraphically situated at the lower Aldridge-middle Aldridge contact (LMC). Geological mapping and construction of cross sections were used to determine the structure of the LMC, and to develop drill targets. The geological mapping, results and interpretations are discussed in a companion report (Gal, 2000)

4.0 Diamond Drilling

4.1 Introduction

One drill hole was completed in the northwest corner of the property, west of Bridge Creek and south of Matthew Creek, on the MIL 15 claim. The UTM coordinates of the drill hole location are 560300E, 5505450N, at 1870m elevation (Appendix IV, Map 1). The hole was targeted to test the gently northwest dipping LMC in the core of an open synclinal flexure. It was expected to encounter Sullivan Horizon equivalent strata above a possible down dip extension of the Bootleg fragmental, exposed in outcrop 1.2km south-southeast of the drill collar.

Beaupre Diamond Drilling Ltd. of Princeton, B.C. was contracted to supply and operate a helicopter transportable Longyear Super 38 drill rig on the Bootleg property from August 27 to September 9, 2000. Drilling of hole BL-00-1 commenced on August 27, 2000. The hole was drilled at an inclination of -74° , on a bearing of 166°. NQ sized core was drilled to a depth of 595.5m, with 6.1m of casing. Several Pajari instrument tests were performed to monitor the inclination and azimuth of the drill hole during the drilling. The drill hole did not produce any water. However, due to the sensitivity of the watershed as a municipal water source for part of the town of Kimberley, the hole was plugged with swelling clay (bentonite) pellets to a depth of 100m above a metal/rubber hole plug. The casing was left in place and a cap placed on the casing. The pad area was at the base of a talus slope, so that site disturbance was minimal.

The core was transported by helicopter to a tent camp on the Matthew Creek Forest Service Road. The drill core was logged, and sample intervals were marked out and split using a diamond saw. All core was transported to the Eagle Plains Resources Ltd. facility in Fort Steele for storage.

The drill log is presented in Appendix III. Drill core sample assay results are tabulated in Appendix III. A graphic drill hole section is presented in Appendix IV, Map 3.

4.2 Results

A summary log of drill hole BL-00-1 is presented in the table below:

Interval (m)	Lithology
0-6.1	Casing
6.1-391.7	Middle Aldridge
391.7-393.4	Gabbro
393.4-519.1	Middle Aldridge
519.1-529.87	LMC; Sullivan Horizon equivalent (?), lower Aldridge
529.87-595.5	Gabbro
595.5	End of Hole

Drill log summary for BL-00-1

4.3 Drill Core Summary

The hole was collared in middle Aldridge stratigraphy. No definite markers were identified, although it was estimated from mapping that the collar was positioned approximately 400m above the LMC. Marker material that likely correlated with the Fringe Marker was present at 287m.

Bedding planes were at a high angle to the core axis from 79° to 90° . One interval from 95 to 120m had core axis angles of 65° to 73° , perhaps indicating a minor flexure. Several thin fracture and shear zones were observed, notably at 80-86m, 136-150m and 170-175m. Disturbed bedding within the middle Aldridge was very common between 482 and 492m. In addition, thin siltstone beds at the top of quartz wackes within the lower part of the middle Aldridge were very commonly disrupted. Thin fragmental beds were logged at 407.1m (40cm) and 451.26m (10cm) within the middle Aldridge.

A thin galena-sphalerite-pyrrhotite-chlorite vein, roughly parallel to bedding, was observed near the Fringe marker at 287.3m. Several quartz-pyrrhotite veinlets hosted small amounts of chalcopyrite, particularly within the lower gabbro. Minor arsenopyrite was noted at 124.3m in a quartz veinlet.

The LMC was placed at 519.1m, at the top of a dark grey-brown, massive and finely laminated siltstone/wacke. This lithology correlates with the zone that hosts the ore body at the Sullivan Mine. This laminated zone was cored for 10.77m. The drill hole then cored gabbro to its final depth at 595.5m. The gabbro was intersected higher up than anticipated, based on geological mapping to the south, and projection of data from a drill hole to the southwest, drilled by Cominco (Klewchuk, 1983). Therefore it is interpreted that this gabbro sill, known to be quite at least 150m thick from mapping, probably thickens to the north and northwest, cutting up section as it thickens (Appendix IV, Map II). The thickness of gabbro cored in the Cominco hole to the southwest was nearly 400m

4.4 Drill Core Geochemistry Results

A total of 40 core samples were split, and half of the interval sent to Eco-Tech Labs for 28 element ICP analysis, with gold by AA-fire assay. Sampling was geared mainly to the silty, laminated horizons that were thought to be more prospective for anomalous base metal mineralization. The lower Aldridge massive laminated wacke/siltstone from 519.1m to 529.87m was sampled on continuous 1 metre intervals.

Within the middle Aldridge, zinc values reached a maximum of 105ppm in a 30cm thick mudstone/argillite bed (sample 19601). A second 20cm thick mudstone assayed 92ppm Zn (sample 19602). Lead values of up to 36 and 40ppm were attained in two adjacent samples of laminated siltstone over 70 and 90cm, respectively (samples 19612-19613).

A thin (1.5cm) galena-sphalerite-pyrrhotite vein from near the Fringe (?) marker horizon, yielded 3172ppm Pb, 372ppm Zn and 4.2ppm Ag over a 20cm sample width (sample 19400). The 1m interval above and adjacent to this sample assayed 260ppm Pb, 265ppm Zn (sample 19399).

The upper 4m of the lower Aldridge Formation directly below the LMC, was very weakly anomalous in Zn. Samples 19627-19630 averaged 92ppm Zn. In contrast, the seven samples below this interval yielded 45ppm Zn (weighted average).

5.0 Summary and Conclusions

The Bootleg property comprises 110 mineral claims with a total of 186 claim units. The property is situated west of Kimberley, and north of the St. Mary River. The property covers exposures of the Proterozoic lower and middle Aldridge Formations of the Purcell Supergroup. The Aldridge Formation, particularly the lower-middle contact (LMC) was of interest because at Kimberley, B.C., the Sullivan Mine is hosted just below the LMC.

The 2000 diamond drilling program on the Bootleg property consisted of a single drill hole to a depth of 595.5m. The drill hole encountered the target LMC at a depth of 519.1m, with an interpreted thick gabbro sill lying below. The hole was stopped in gabbro. The Bootleg fragmental unit, outcropping at the LMC to the southeast, was not intersected in the drill hole. The very weakly anomalous nature of the Sullivan horizon equivalent rocks, intersected in the drill hole just below the LMC, suggests that ore-hosting units at this stratigraphic level are not nearby. It is recommended that no further work be done on the property.

6.0 Statement of Expenditures

The following expenses were incurred on the Bootleg Option property during the period of August 01, 2000 and October 15, 2000 (includes access & drill preparation, logging, sampling, core transport and reporting):

Personnel			
Leonard Gal, P.Geo*	14 days @ \$300/day	\$	4,200
	19 days @\$175/day	\$	3,325
Jason Kolcun, Assistant	9 days @ \$155/day	\$	1,395
James Lill, Assitant	2 days @ \$90/day	\$	180
Siegfried Weidner**	8 days @ \$350/day	\$	2,800
HO Supervison and Benefits		\$	1,234
Airfares/Fees Vancouver – Cranbrook	1 mature (a) \$ 700/mature	¢	700
	1 return @ \$ 700/return	\$	700
Cranbrook - Vancouver	1 One-way@ \$205	\$	205
Accomodation Hotels (S. Weidner, L.Gal,	P.Donnelly)	\$	210
Meals/Entertainment Restaurants (S	S.Weidner, L.Gal, P.Donnelly)	\$	276
Groceries Camp supplies		\$	454
Field Supplies			
Radio/Telephone rentals, consumab	les, maps, reports,	\$	1,145
Camp supplies and repairs (generate			
	,		
Ground Transportation			
Truck Rental (long tern)	21 days @ \$110/day	\$	2,310
Car/Truck Rental (short term)	2 days @ \$ 60/day	\$	120
Gasoline, oil, tire repair etc		\$	457
-			
Helicopter Charter			
Bighorn Helicopters, Cranbrook	Drill moves and crew changes	\$	36,524
Bulldozing/Camp Mob/Demob			
Access road preparation (Crestbrook		\$	905
Camp Mob/Demob (Toklat Resource	es)	\$	462
Consultants			
Supergroup Holdings Ltd.		\$	864
Consultant P. Ransom		\$	350
Drilling			
Beaupre Diamond Drilling Ltd.		\$	40,602
Analytical		•	
Eco-Tech Laboratories, Kamloops		\$	7 8 6
Missellencour			
Miscellaneous		¢	275
Drafting/Reproductions		\$	275
Total		¢	00 774
+ -	most writing and interpretation	<u>\$</u>	<u>99,776</u>
*Field administration, logging (mapping), re		101	
riogram auministration, supervision, repo	orting and interpretation (January-October,200	<i>i</i> v)	

Rio Algom Exploration Inc.

7.0 Statement of Qualifications

Leonard Gal

I, Leonard Gal, of North Vancouver, British Columbia hereby certify that:

- I am a Professional Geoscientist registered in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (Registration No. 20425)
- I am a Fellow of the Geological Association of Canada (Fellow No. 6885).
- I am a graduate of the University of British Columbia, with a B.Sc. in Geology (1986).
- I am a graduate of the University of Calgary, with a M.Sc. in Geology (1989).
- I have been engaged in geological work more or less continuously since 1986, in North and South America and Australasia.
- The information in this report is based on work conducted by and supervised by myself, and upon review of unpublished and published reports and maps, and materials supplied by the operator.

Signed this <u>3</u>i day of October, 2000.

Leonard Gal M.Sc., P.Geo

Siegfried Weidner

I, Siegfried O. Weidner, of Coquitlam, British Columbia, do hereby certify that:

- 1) I am a Senior Geologist employed by Rio Algom Exploration Inc. with an office located at #900-409 Granville Street, Vancouver, British Columbia, Canada, V6C-1T2
- 2) I am a graduate in Geology with a Bachelor of Science degree from the University of Toronto in 1984.
- 3) I have practised my profession as a geologist since graduation in 1984, the last 12 years with Rio Algom Exploration Inc.
- 4) I supervised the 2000 exploration program on the Bootleg option property and have detailed knowledge of the contents of this report.

Dated this 3/14 day of October, 2000

Signed : Siegfried Weidner

(Rio Algom Exploration Inc.)

8.0 Bibliography

Downie, CC (2000) Geological Report on the Bootleg Property. BCMEMPR Assessment Report

Klewchuk, P (1983) Cominco Ltd. BCMEMPR Assessment Report 12,126

Reesor, JE (1996) Geology of Kootenay Lake, B.C. Geological Survey of Canada, Map 1864-A.

Appendix I

Property Claim Status

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EAGLE PLAINS RESOURCES Bootleg Project

Project	Location	Ownership	Option/	NSR %	Tenure	Claim	Map Map	Recording	Expiry	Mining	Units	Tag
			Anniversary		Number	Name	Number	Date	Date	Division		Numbe
Bootleg	E.Kootenay	100% EPL	N/A	[N/A	342999	BOOT 1	082F09E	1996Jan16	2004NOV20	5 Ft. Steele	20	230963
Bootleg	E.Kootenay	100% EPL	N/A	N/A	343000	BOOT 2	082F09E	1996Jan16	2004NOV20	5 Ft. Steele	20	230964
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366826	BOOT 5	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	20	232897
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366827	BOOT 6	082F09E	1998Oct25	2004NOV20	5 Ft. Steele	20	232898
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366828	BL 1	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687501M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366829	BL 2	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687502M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366830	BL 3	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687503M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366831	BL 4	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687504M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366832	BL 5	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687505M
	E.Kootenay	100% EPL	N/A	N/A	366833	BL 6	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1 1	687506M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366834	BL 7	082F09E	1998Oct22	2004NOV20	5 Ft. Steele		687507M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366835	BL 8	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687508M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366836	BL 9	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1-1-	687509M
Bootleg Bootleg	E.Kootenay	100% EPL	N/A	N/A	366837	BL 10	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687510M
	E.Kootenay	100% EPL	N/A	N/A	366838	BL 11	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687511M
Bootleg Bootleg	E.Kootenay	100% EPL	N/A	N/A	366839	BL 12	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687512M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366840	BL 13	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687513M
	E.Kootenay	100% EPL	N/A	N/A	366841	BL 14	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687514M
Bootleg	E.Kootenay		N/A	N/A	366842	BL 15	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	$\int $	687515M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366843	BL 16	082F09E	1998Oct22	2004NOV20	5 Ft. Steele	1	687516M
Bootleg		100% EPL	N/A	N/A	366844	BL 17	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687517M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366845	BL 18	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1 1	687518M
Bootleg	E.Kootenay E.Kootenay	100% EPL	N/A	N/A	366846	BL 19	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687519M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366847	BL 20	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1 1	687520M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366850	BL 21	082F09E	1998Oct24	2004NOV20	5 Ft, Steele	1	687521M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366851	BL 22	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687522M
Bootleg		100% EPL	N/A	N/A	366852	BL 23	082F09E	1998Oct24	2004NOV20	5 Ft. Steele		687523M
Bootleg	E.Kootenay E.Kootenay	100% EPL	N/A	N/A	366853	BL 24	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687524M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366854	BL 25	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1 1	687525M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366855	BL 26	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687526M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366856	BL 27	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687527M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366857	BL 28	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687528M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366858	BL 29	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687529M
Bootleg Bootleg	E.Kootenay	100% EPL	N/A	N/A	366859	BL 30	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687530M
	E.Kootenay	100% EPL	N/A	N/A	366860	BL 31	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687531M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366861	BL 32	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687532M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366862	BL 33	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687533M
Bootleg	<u>_</u>	100% EPL 100% EPL	N/A	N/A	366863	BL 33	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687534M
Bootleg	E.Kootenay E.Kootenay	100% EPL	N/A	N/A	366864	BL 35	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	$\frac{1}{1}$	687535M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366865	BL 36	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	$\frac{1}{1}$	687536M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366866	BL 37	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687537M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366867	BL 38	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687538M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366848	BL 39	082F09E	1998Oct24	2004NOV20	5 Ft. Steele	1	687539M
Bootleg		100% EPL	N/A	N/A	366849	BL 40	082F09E	1998Oct25	2004NOV20	5 Ft. Steele	1	687540M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	366868	BL 40	082F09E	1998Oct25	2004NOV20	5 Ft. Steele	1	687541M
Bootleg	E.Kootenay E.Kootenay	100% EPL	N/A	N/A	366869	BL 42	082F09E	1998Oct25	2004NOV20	5 Ft. Steele	$\frac{1}{1}$	687542M
Bootleg		100% EPL	N/A	N/A	366870	BL 42 BL 43	082F09E	1998Oct25	2004NOV20	5 Ft. Steele	$\frac{1}{1}$	687543M
Bootleg	E.Kootenay	100% EPL 100% EPL	N/A	N/A	366871	BL 43	082F09E	1998Oct25	2004NOV20	5 Ft. Steele	+	687544M

EAGLE PLAINS RESOURCES Bootleg Project

Project	Location	Ownership	Option/	NSR %	Tenure	Claim	Map	Recording	Expiry	Mining	Units	Tag
			Anniversary		Number	Name	Number	Date	Date	Division		Number
		LOON TO		L 1/A	1200070	ID1 45	082F09E	1998Oct25	2004NOV20	5 Ft. Steele	T 1	687545M
	E.Kootenay	100% EPL	N/A	N/A N/A	366872 366873	BL 45 BL 46	082F09E	1998Oct25	2004NOV20	5 Ft. Steele	<u> '</u>	687546M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371303	Mil 1	082F09E	1999Aug25	2004AUG25	5 Ft. Steele	1 1	690221M
Bootleg	E.Kootenay	100% EPL	N/A		371303	Mil 2	082F09E	1999Aug25	2004AUG25	5 Ft. Steele	1-1-	690222M
	E.Kootenay	100% EPL	N/A	N/A			082F09E	1999Aug25	2004AUG25	5 Ft. Steele	f	690223M
	E.Kootenay	100% EPL	N/A	N/A	371305 371306	Mil 3 Mil 4	082F09E	1999Aug25	2004AUG25	5 Ft. Steele	<u> </u>	690224M
Bootleg	E.Kootenay	100% EPL	N/A	N/A			082F09E		2004AUG25	5 Ft. Steele		690225M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371307	Mil 5 Mil 6	082F09E	1999Aug25	2004AUG25	5 Ft. Steele		690226M
	E.Kootenay	100% EPL	N/A	N/A	371308	Mil 7	082F09E	1999Aug25	2004AUG25	5 Ft. Steele	+ <u>'</u>	690227M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371309			1999Aug25		5 Ft. Steele	1	690228M
	E.Kootenay	100% EPL	N/A	N/A	371310	Mil 8	082F09E	1999Aug25	2004AUG25		1 1	690229M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371311	Mil 9	082F09E	1999Aug25	2004AUG25	5 Ft. Steele	$\frac{1}{1}$	690230M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371312	Mil 10	082F09E	1999Aug25	2004AUG25	5 Ft. Steele	- <u>·</u>	
	E.Kootenay	100% EPL	N/A	N/A	371313	Mil 11	082F09E	1999Aug25	2004AUG25	5 Ft. Steele	$\frac{1}{1}$	690231M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371314	Mil 12	082F09E	1999Aug25	2004AUG25	5 Ft. Steele	1	690232M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371315	Mil 13	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690233M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371316	Mil 14	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690234M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371317	Mil 15	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690235M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371318	Mil 16	082F09E	1999Aug26	2004AUG26	5 Ft. Steele		690236M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371319	Mil 17	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690237M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371320	Mil 18	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690238M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371321	Mil 19	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690239M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371322	Mil 20	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690240M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371323	Mil 21	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690241M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371324	Mil 22	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690242M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371325	Mil 23	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690243M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	371326	Mil 24	082F09E	1999Aug26	2004AUG26	5 Ft. Steele	1	690244M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373632	Mil 25	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694165M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373633	Mil 26	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694166M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373634	Mil 27	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694167M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373635	Mil 28	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694168M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373636	Mil 29	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694169M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373637	Mil 30	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694170M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373638	Mil 31	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694171M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373639	Mil 32	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694172M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373640	Mil 33	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694173M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373641	Mil 34	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694174M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373642	Mil 35	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694175M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373643	Mil 36	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694176M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373644	Mil 37	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694177M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373645	Mil 38	082F09E	1999Nov19	2004NOV19	5 Ft. Steele	1	694178M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373646	Mil 39	082F09E	1999Nov24	2004NOV24	5 Ft. Steele	1	694179M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373647	Mil 40	082F09E	1999Nov24	2004NOV24	5 Ft. Steele	1	694180M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373648	Mil 41	082F09E	1999Nov24	2004NOV24	5 Ft. Steele	1	694181M
	E.Kootenay	100% EPL	N/A	N/A	373649	Mil 42	082F09E	1999Nov24	2004NOV24	5 Ft. Steele	1	694182M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373650	Mil 43	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694183M
	E.Kootenay	100% EPL	N/A	N/A	373651	Mil 44	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694184M
Bootleg	E.Kootenay	100% EPL	Ň/A	N/A	373652	Mil 45	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694185M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373653	Mil 46	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694186M

EAGLE PLAINS RESOURCES Bootleg Project

Project	Location	Ownership	Option/	NSR %	Tenure	Claim	Map	Recording	Expiry	Mining	Units	Tag
			Anniversary		Number	Name	Number	Date	Date	Division		Number
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373654	Mil 47	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694187M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373655	Mil 48	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694188M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373656	Mil 49	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694189M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373657	Mil 50	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694190M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373658	Mil 51	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694191M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373659	Mil 52	082F09E	1999Nov21	2004NOV21	5 Ft. Steele	1	694192M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373660	Mil 53	082F09E	1999Nov25	2004NOV25	5 Ft. Steele	1	694193M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373661	Mil 54	082F09E	1999Nov25	2004NOV25	5 Ft. Steele	1	694194M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373662	Mil 55	082F09E	1999Nov25	2004NOV25	5 Ft. Steele	1	694195M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373663	Mil 56	082F09E	1999Nov25	2004NOV25	5 Ft. Steele	1	694196M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373664	Mil 57	082F09E	1999Nov24	2004NOV24	5 Ft. Steele	1	694197M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	373665	Mil 58	082F09E	1999Nov24	2004NOV24	5 Ft. Steele	1	694198M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	374305	Gap 1	082F09E	2000Feb04	2005FEB04	5 Ft. Steele	1	687701M
Bootleg	E.Kootenay	100% EPL	N/A	N/A	374306	Gap 2	082F09E	2000Feb04	2005FEB04	5 Ft. Steele	1	687702M

Updated: October 13, 2000

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Total: 186

Appendix II

Diamond Drill Log

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Legend for graphic log

$\left[\cdot \cdot \cdot \right]$	Quartz wacke
· - ·	Dominantly quartz wacke, quartzitic wacke
	Dominantly fine grained wacke, siltstone
	Siltstone, mudstone
	Laminated siltstone. Mudstone
$\sim \sim$	Disturbed bedding
4	Fragmental
~ /	Mudchip, isolated fragment
2	Tightly folded beds
Zn	Sphalerite
τ.	Tourmaline in vein
TF	Tourmalinized mudchip
how	Fault gouge zone
~~~	Fault - fracture zone, bedding destroyed or disrupted

# Abbreviations

Adj .	adjacent	Kspar	potassium feldspar
-	altered	Lam	laminae, laminated
	Angle	Lt	light
	arsenopyrite	Med	medium
	axial plane	Mgr	medium grained
	breccia	Mod	moderate
Bm	brown	Occ	occasional
Bt	biotite	Or	orange
CA	core axis	Pkg	package
Cc	calcite	Po	pyrrhotite
Cgr	coarse grained	Potized	pyrrhotized
	chlorite	Poss	possible
Conc	concretion	Ру	pyrite
Сру	chalcopyrite	IP, //	parallel
Dk	dark	Qtz	quartz
Diss	disseminated	Qtzitic	quartzitic
Dist	disturbed	Qv	quartz vein(let)
Elong	elongate(d)	Rec	recovery
Env	envelope	RWU	right way up
FeOx	iron oxide	Ser	sericite
Fgr	fine grained	Sh	shear
Frag	fragment,	SI	slight
fragment	tal	SiO2	silica, quartz
Fr,frx	fracture, fractures	So	bedding
set		Sph	sphalerite
Foln	foliation	Str	strong
FW	footwall	Supp	supported
FZ	fault zone	Tr	trace
Gal	galena	Trem	tremolite
Gg	gouge	Vn	vein(let)
Gt	garnet	Wcke	wacke
HW	hangingwall	Wk	weak(ly)
Indiv	individual	Ws	weatered surface
Irreg	irregular	х	CLOSS

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		E: Bootle	NC. DRILL HO								DDH	# BL-00-01	
		LLING HOI		st LMC/Sulliva	n Horizon at de	epth.						Dip:74° Azimu	th: 166
GENEF	RAL	, <b>, ,</b>											
DATES			DRILL COM										
	Time	Date	Contractor:		Diamond Dr	illing	Ltd.				Logge	ed by: Patrick Don	nelly
Start:	7 PM	27/08/00	Drill Rig:	Longyear	Super 38								
End:	7 AM	09/09/00	Core Size:	NQ									
SURVE	ΞY												
LOCATI	ÓN		DOWNHOL	E SURVEYS									
NTS:	082F9		Туре	Depth (m)	Azimuth		Dip	Тур	e I	Depth	(m)	Azimuth	Dip
Section:			Pajari	160.7	187	71							
Easting:	560300		Pajari	361.9	191	71							
Northing		0	Pajari	550.9	190	70							
Elev. (m													
GEOL	DGY CAP		NTERCEPTS	S									
FROM (m)	TO (m)	ROCK TYPE	COMMENTS				FROM (m)	TO (m)	ROCK TYPE	CO	MMENTS		
(,													
0	6.1		Casing				595.5		EOH	En	d of Hol	е	
6.1	391.7	A ₂	Middle Aldr	idge									
391.7	393.4	Gb	Gabbro										
393.4	407.1	A ₂	Middle Aldr	idae									
407.1	407.5	Frag?	Fragmental							1			
407.5	451.26	A ₂	Middle Aldr										
451.26	451.36	Frag	Fragmental										
451.36	519.1	A ₂	Middle Aldr			-	1						
519.1	529.87	A ₁		.1, laminated	siltstone								
529.87	595.5	Gb	Gabbro	· · · · · · · · · · · · · · · · · · ·									
	NT RECOV			GRAPHS			1	1	_				
Exceller													
REASO	N FOR FN	DING HOL	E/COMMENTS:										
Encou	ntered 1	MC. some	e laminated	siltstone (10	),77m), then	into	gabbro.	Belie	ve gabbro	exten	ds for a	at least 400 me	etres, theref
	ated hole				,		0		U U				
emina	ateu nole	•											

#### Property Bootleg

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·	STRUC	TURES		ALTE			 ZATION		COMMENTS	ASSA			S & RESUL
т итн	TYPE	<b>∢CA</b>	(m)	TYPE	INT	(m)	INT/ SIZE	(m)		FROM	το	INT (m)	SAMPLE #
	5. 5.	68 98 86 89		FeOx	uk	6.1- 94.6			<ul> <li>6.1m Casing.</li> <li>6.1m Med gray med grained well sorted med bedded qtzitic wacke with mod bt, some 3-4mm wide pin-subhedral gts. Some wk to mod iron oxide staining on core and core fracture planes. Get occasional mud drape.</li> <li>7.3m Core moderately broken up.</li> <li>8.23-9.2m core strongly broken up, moderate Fe₂O₃.</li> <li>11.1-11.2m Massive qtzitic wacke with 4-6mm wide round med grey blotches with 1mm wide rust (Fe₂O₃) halo.</li> <li>11.7m 3mm wide qtz vn with cavities – cc weathered out?</li> <li>13-13.7m Med grey/brown laminated banded siltstone/subwacke/wacke – marker material? Laminae occasionalty wavy, some x-laminations.</li> <li>17.3m Weak marker material?</li> <li>17.5-17.6m Dendrites on core surfaces, precipitated iron oxides.</li> <li>17.5m Marker?</li> <li>18.5-18.7m Dendrites in massive thick bedded qtzitic wacke.</li> <li>18.8-18.9m Core strongly broken up, mod Fe₂O₃.</li> <li>20.1-20.4m Core strongly broken up, mod Fe₂O₃.</li> <li>20.7m 5cm wide muddy unit.</li> <li>21.1-24.5m Dendrites.</li> <li>25.7m 1cm wide weak shear.</li> <li>25.8-26.1m Dendrites.</li> <li>26.2m Pitted weathered qtzitic wacke, cc may have been dissolved, eroded away, some Fe₂O₃.</li> </ul>				

#### Property Bootleg

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GRAPHIC	C PRIMAR STRUCT		CS &	ALTE	••••••		MINER	4.IZA	HON .		COMMENTS	ASSA	Y INTE	ERVAL	S & RESULT
տ տ	н түре	∢CA	(m)	ТҮРЕ	INT	(m)	TYPE		INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #
	S. S	78 82 51.6		chi ser a Ibite	~~~	(9.4. 50.4					<ul> <li>(continued from pg 1) bt replaced by chl, and bt weathered away .</li> <li>27.2m Qtz wacke with bt replaced by chl due to weathering.</li> <li>28.3m 40cm wide albite, qtz, bt, gt concretion.</li> <li>30.7-30.8m Marker, not great – Hiawatha?</li> <li>31.9-32.1m Marker, noor – Hiawatha?</li> <li>31.1-31.3m Dendrites</li> <li>33.7-33.8m Maker, poor, Hiawatha?</li> <li>35.2-35.3m Strongly distorted, convoluted weakly sericitized siltstone laminations with 1-3cm long subrounded chert chips.</li> <li>35.5-37.2m Med grey massive recrystallized med bedded equigranular normally graded qtz wacke with occasional 1-4cm wide biotitic lenses.</li> <li>37.2-37.3m Black/dk grey finely laminated sharply contrasting banded siltstone/lamina.</li> <li>37.8-37.9m Mod Fe oxide staining in thin bedded siltstone/subwacke.</li> <li>37.9m 10cm x 1cm elongated flattened chert fragment.</li> <li>42.6m Weak shear, 1cm wide, some gouge.</li> <li>45.4-46m Dendrites.</li> <li>49.9-50.4m White, green laminated 1mm-3cm wide parallel bands of chl, bt &amp; albite.</li> <li>49.9-51.8m Get med/lt grey thin bedded qtz wacke/qtzitic wacke with occasional mod 1-3mm wide chl and bt laminations.</li> <li>51.8-52m Med grey thin bedded/laminated bt rich siltstone.</li> <li>52-52.1m 7cm wide mod shear, good clay gouge.</li> <li>53.9-54.1m Strongly gossanous Irreg 1cm wide qtz vein with (2-5%) diss po.</li> </ul>				

### Property Bootleg

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	PRIMARY STRUCTU		S &	ALTE			MIIN		ZATION		COMMENTS	ASSA	Y INT	ERVAL	S & RESULT
 итн	TYPE	4CA	(m)	TYPE	INT	(m)		PE STR	INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #
	<u> </u>	88		FeOx		69.9- 70 78.4-					<ul> <li>61.9-62m Wispy 1-2cm long x 3-4mm wide lightly sericitized distorted siltstone/subwacke lamina.</li> <li>64m Massive med grey qtz wacke/qtzitic.</li> <li>66.1-66.3m Finely laminated, sharply contrasting siltstone, some mod sericite in laminae.</li> <li>68.7m 1.5cm x 2mm chert chip in massive thick bedded qtz wacke.</li> <li>68.8-69.2m 4cm wide white coarse crystalline bull qtz vn with 10cm wide weak chl/ser envelope.</li> <li>69.67m 4cm x 1mm chert chip in 2cm wide irreg bt rich siltstone layer, sandwiched between massive thick bedded qtzitic wackes/qtz wackes.</li> <li>70m Rusty 5cm wide concretion, small, intensely rusty spots (5%), may have been py, po. 70.7-70.9m 20cm wide circular gt, chl, cc, albite concretion with a 5mm wide mod Fe oxide selvage along margin of concretion.</li> <li>72.2m Dk grey irreg 3-4cm x 1cm wispy irreg blebs of siltstone in a massive fgr black/dk grey subwacke/argillite, no bedding surfaces observed, dip slope?</li> <li>73.3m Becomes black fgr massive thick bedded argillite with very fine white fracture controlled cc veins, has occasional fine high angle laminations.</li> <li>77.9m 3mm wide weathered pitted mod gossanous (Fe₂O₃) qtz vn.</li> <li>78.4-80.4m Core moderately broken up, poor recovery.</li> <li>80.4m Core moderately broken up, poor recovery, highly/strongly fractured.</li> <li>80.8-80.9m Core strongly brecciated, breccia 1-5mm wide, highly angular, displays moderate foliation.</li> </ul>				

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		PRIMARY	FABRIC	:S &	ALTE	RATIC	N	MINE	ERALIZ	ATION		COMMENTS	ASSA	Y INTE	RVALS	& RESULTS
m	LITH	TYPE	∢CA	(m)	TYPE	INT	(m)	TY		INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE
		- 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50  50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50  50 50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50  50 -	65 75 72 78 22	01.8	ser, chi albite	mod						<ul> <li>80.8m Core strongly broken up, fractured, moderate Fe oxide staining, especially along fracture planes.</li> <li>83.25-83.6m Strong shear, 30cm wide, mod gouge content, some minor albite alt'n.</li> <li>83.6-83.7m Core strongly broken up.</li> <li>83.7-83.9m Mod shear, mod gouge in 20cm wide shear zone.</li> <li>83.9-84.6m Core strongly broken up.</li> <li>84.6-84.75m 15cm wide mod/strong shear, mod gouge.</li> <li>87.75-88.8m Core strongly broken up, poor recovery.</li> <li>82-88.6m Strong 40cm wide shear zone, good gouge, some 1-2mm wide angular breccia fragments.</li> <li>89.9-90m Core strongly broken up.</li> <li>90.5-91m Core strongly broken up.</li> <li>91.1-91.9m Core mod broken up. fracture planes have white buttery clay.</li> <li>92.9m Pitted, weathered 2mm wide qtz vn with mod Fe oxide staining.</li> <li>98.4m 2cm wide braz zone, frags 1-3mm wide, angular.</li> <li>96.3-97.8m Med/dk grey taminated siltstone, sharply contrasting intercalated lamina of qtzitic wacke/subwacke.</li> <li>96.8m Possible marker material?</li> <li>97.9m Flame structures in thin bedded sub-wacke.</li> <li>99.3m Med brown thin bedded wavy distorted siltstone/subwacke.</li> <li>100.9-101.2m Rusty conc with rust halos around gts. Series of 1-3mm wide parallel vns runs through conc.</li> <li>103.2-103.3m Marker laminate? Poor.</li> </ul>				

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GRA	APHIC	PRIMARY		CS &	ALTE	RATIO	DN	MINE	RALIZ	ZATION		COMMENTS	ASSA	Y INTI	ERVAL	S & RESÚL
m	ιπн	TYPE	⊲CA	(m)	TYPE	INT	(m)			INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE
	     ¢   1	<u> </u>	66 84			wik- mod				4	124.3	107.3m Small drag fold in vein. 107.5m 2cm long 5mm wide subrounded chert chip. 107.8m Flame structures in thin bedded siltstone/subwacke.				
					ser				-1•			108.8-109.2m Marker material, poor quality. 111.1-111.3m Three parallel vns 5mm to 4cm wide, with 2% clots of po, mod, 3cm wide chl, ser envelope, Fe oxide staining along fracture surfaces. 111.8m Concretion with strong foliation.				
	- <u>-</u> ^ · · · ·	<u> </u>	<del>1</del> 9		ch1 ch1		129- 129.4 129.4 129.9					112.9-113.2m Fracture controlled parallel vein set with -3mm wide clots of weathered pyrite (20%). 113.8m 3mm-1cm wide ptygmatic vein in laminated distorted siltstone/subwacke.		-		
	 	S.	81									114.2-114.3m Flame structures in weakly chloritized thin bedded siltstone. 115.9m Flame structures in thin bedded sericitized siltstone/subwacke. 117.9m Marker laminate? – poor quality. 119.3-119.4m Moderately fractured core.				
	بندسه به مترتد ت				ser	mod	1379- 140-1					120.5-120.6m Strongly fractured core, numerous closely spaced irreg anastomosing hairline fractures, mod gossen along frx envelopes (1-2mm wide). 120.6m Still set mod gossen (Fe ₂ O ₃ ) in fracture/vn envelopes. 120.8m Dk grey finely laminated bt rich siltstone/wacke.				
	· - ·	— S.	81									121.8m with weak coarse sericite overprinted. 121.8-124.2m Massive med grey fine grained thick bedded wacke with convoluted wispy subwacke/wacke laminations. 122.7-122.8m 3-8cm x 6mm elongated, flattened, subrounded chert frag in massive wcke. 126.9-127.2m Dendrites in core.				

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GRAPHIC	PRIMARY STRUCTU		S &	ALTEI	RAIIÇ	N N	MINERALI	ZATION 		COMMENTS	ASSA			S & RESULT
та итн	TYPE	∢CA	(m)	TYPE	INT	(m)	TYPE	INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #
		80 82 90 82 87		e c chi ser ser		166.4 170.9- 171.5				<ul> <li>124.2-124.3m Laminated sericitized siltstone.</li> <li>124.6m Vuggy, moderately gossanous 3mm wide quartz vein. Vugs may represent cc dissolution.</li> <li>125.8-125.9m Sericitized thin bedded flame structures consisting of wacke/subwacke.</li> <li>126.2m Fracture controlled, irreg, anastomosing, qtz cc vein with 5% po, sub parallel to CA.</li> <li>127.1-130.2m Alternating wavy 3-5cm wide bands of light grey/dk grey sericite rich, bt rich bands with occasional x-laminations, flame structures.</li> <li>129.7m Distorted irreg qtz vn.</li> <li>131.5m Distorted, thin bedded wavy siltstone.</li> <li>132.1m Mod gossan in mod fracture dthin bedded wavy siltstone/subwacke.</li> <li>132.15-132.16m 3mm wide weathered, strongly gossanous qtz vn with ~10% py.</li> <li>132.7m Fracture controlled cc vein.</li> <li>133.1m Mod distorted med grey qtz wcke/wcke with bt rich distorted siltstone laminations.</li> <li>134.8m 2cm x 8mm subrounded tourmaline chip.</li> <li>136.9-137m Mod fractured weathered core.</li> <li>137.4m Mod irreg fracture set with mod Fe oxide – gossan staining along frx.</li> <li>138.8m Mod/strongly sericitized marker laminate? Fringe?</li> </ul>				

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GRAPHI		IARY FABR	ICS &	ALTE	RATIC	Ń	MINE	RALIZ	ATION		COMMENTS	ASSAY	/ INTERV	ALS &	RESULTS
ំពា ៤៣	лн тү	E ⊲CA	(m)	TYPE	INT	(m)	TYF		INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #
		• 84 • 84 • 87 • 87 • 87 • 82 • 84					MIN	STR			<ul> <li>139.6-139.7m Weak 10cm wide shear with moderate gouge with angular 5-8mm wide breccia frags in clay, euhedral py (5%).</li> <li>140.6m Flame structures in thin bedded sericitized siltstone.</li> <li>140.7m 7cm long sericitized elongated, subrounded mud chip.</li> <li>141-141.1m Distorted sericitized thin bedded/laminated siltstone in massive med grained qtzitic wacke.</li> <li>141.9-142.1m Mod 10cm wide shear fault with good clay gouge material.</li> <li>144.9-145.1m Massive med bedded qtzitic wcke with convoluted wispy distorted laminated siltstone, 4cm x 1cm tournalinized subrounded frag with 1mm of po along margin.</li> <li>145.1-145.8m Dark grey distorted convoluted thin bedded laminated siltstone/subwacke with occasional subrounded 5-8mm long chert fragment.</li> <li>146.7-146.8m Fracture controlled cc vn set with 2% po.</li> <li>149.6-149.7m High angle weak shear, mod gouge shear 1-2cm wide.</li> <li>150.9m Small shear zone, 8cm wide, some gouge.</li> <li>151.6-151.7m Core strongly fractured, broken up.</li> <li>152.4-152.5m Strongly fractured broken up qtz wacke.</li> <li>153.3-153.9m Flame structures in thin bedded laminated siltstone within massive med bedded qtzitic wacke.</li> </ul>	193.8 200.6	194.1 200.8	0.3	19601

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	1	STRUCT	Y FABRI URES		ALTE			MINERALI	ZATION		COMMENTS	ASSA	Y INTE	RVAL	S & RESU
m	LITH	TYPE	<ca< th=""><th>(m)</th><th>TYPE</th><th>INT</th><th>(m)</th><th></th><th>INT/ Size</th><th>(m)</th><th></th><th>FROM</th><th>то</th><th>INT (m)</th><th>SAMPLE #</th></ca<>	(m)	TYPE	INT	(m)		INT/ Size	(m)		FROM	то	INT (m)	SAMPLE #
	د. در . در الالالية المالية ال 20. در . در الالالية المالية ال		93 85 86 70 86 86								<ul> <li>154.2-154.9m Distorted convoluted thin bedded laminated siltstone, subwacke.</li> <li>156.5m Intercalated wavy laminated/thin bedded siltstone and thin/med bedded qtzitic wacke, occasional flame structures.</li> <li>157.5-157.6m 2mm to 1cm long tourmalinized muchips in laminated siltstone.</li> <li>158.2-158.3m Flame structures in thin bedded siltstone.</li> <li>159.9m Weak 4cm wide shear with some gouge.</li> <li>165.1-165.2m Core moderately broken up.</li> <li>166.1m 4mm wide irregular qtz vein, partially boudinaged.</li> <li>166.1-166.2m Moderate fracture set, frx spaced 1cm apart infilled with pyrite.</li> <li>166.4-176.3m Med grey fine grained well graded laminated wacke with1mm wide parallel sericite bands. (CWL?) Moderate sericite alteration with occasional 1-4cm wide sharply contrasting sericitized white bands – Transition Zone?</li> <li>168.3-168.4m Occasional fracture controlled cc veintets.</li> <li>169.8-169.9m Fracture set with infilled cc.</li> <li>171.5-172.3m Moderate Fe oxide staining.</li> <li>173.9-174.2m Moderate 8-10cm wide shear with moderate gouge.</li> <li>175.176.3-176.6m Strong shear zone fault, 30cm wide with significant gouge, low angle fault &lt;40° to CA.</li> <li>176.6-178.3m Thin bedded laminated wavy siltstone/subwacke frequently distorted, convoluted wavy dark grey/med grey 3-8mm wide diffuse siltstone/subwacke bands, occasional x-laminations.</li> </ul>				

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GF	RAPHIC	STRUCT	Y FABRI URES	CS &	ALTE	RATIC	N	MIN	ERALIZ	ATION		COMMENTS	ASSA	Y INTE	ERVAL	S & RESULTS
m		TYPE	dCA	(m)	TYPE	INT	(m)		/PE	INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #
240 245 250 255 260 265		C	75 89 88 88						318			<ul> <li>180.2m Flame structures.</li> <li>182m 6mm wide angular, tourmalinized mudchip.</li> <li>183.4m 3cm x 2mm elongated flattened chert chip in massive thick bedded quartzitic wacke.</li> <li>187.4m Flame structures in thin bedded siltstone.</li> <li>187.7m X-laminations in laminated siltstone.</li> <li>187.7m X-laminations in laminated siltstone.</li> <li>187.9m 3mm wide weak shear, some gouge.</li> <li>189.8m Weak shear zone.</li> <li>192.8-192.9m Flame structures in laminated/thin bedded siltstone.</li> <li>193.8-194.1m Black/dk grey finely laminated argillite.</li> <li>197.1m Irregular anastomosing fracture controlled cc vein set.</li> <li>200.6-200.8m Dk grey/black fine grained argillite/mudstone.</li> <li>206.1-206.35m Moderately brecciated, highly fractured fault zone. Some moderate silicification, weak gouge, some clay.</li> <li>207.2-207.3m Marker materiat, not matchable.</li> <li>207.8m Flame structures.</li> <li>207.8m Did k grey thin bedded laminated wavy distorted alternating med/dk grey siltstone subwacke bands/lamina, with x-laminations, flame structures and hummocky x-stratification.</li> <li>209.5m Med grey med bedded qtzitic wackes with frequent thin wavy distorted convoluted siltstone bands with occasional flame structures.</li> <li>210.7m Flame structures in thin bedded siltstones, occasional chert chips 1mm-8mm long, subrounded.</li> <li>214m Flame structures in thin bedded siltstone.</li> </ul>				

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GRAPI		STRUCT	Y FABRI URES	CS &	ALTE	RATIC	ON	MIN	ERALIZ	ZATION		COMMENTS	ASSA	INTERV	ALS &	RESULTS
m L	итн	TYPE	⊄CA	(m)	TYPE	INT	(m)		YPE	INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #
	د د		સ્ક કુર કુર કુર કુર કુર કુર કુર		ser.	mod	293.17	CPY	٩٢	3cm	297.1	<ul> <li>228m Flame structures in thin bedded siltstone, plus x-laminations.</li> <li>229.1-229.7m Dark grey massive fine grained well graded wacke/subwacke, laminated.</li> <li>230.1-230.3m Fracture controlled cc vein set.</li> <li>235.2-235.5m Hummocky cross stratification, convoluted thin bedded laminated siltstone/subwacke.</li> <li>236.2m Flame structures in thin bedded siltstone/subwacke.</li> <li>237.3-237.4m Convoluted thin bedded/laminated siltstone/subwacke.</li> <li>239.4-240m Thin bedded/laminated distorted wavy siltstone/subwacke.</li> <li>249.5m Cross laminations in siltstone.</li> <li>249.1-249.6m Occasional thin bedded convoluted siltstone/subwacke with flame structures in predominately medium bedded qtzitic wacke.</li> <li>256.2m 5-6mm wide oval shaped chert chips in med bedded massive dk grey wacke.</li> <li>258.3m Dk grey/black massive med bedded fgr subwacke with thin (&lt;1mm wide) bands of po.</li> <li>261.1-261.2m Marker laminate – not matchable.</li> <li>270-281m Med to dk grey massive med to thick bedded qtz wacke/qtzitic wacke with flame structures. Occasional 10-30 cm wide concretions.</li> <li>274.35m 4cm long x 1cm wide teardrop shaped mudchip in distorted siltstone/subwacke.</li> <li>281.281.2m Black/dk grey massive fgr argiilite/mud with finely disseminated po (1%).</li> <li>281-281.5m Dk grey med to thick bedded massive recrystallized qtzitic wacke with frequent convoluted distorted thin bedded/laminated siltstone/subwacke.</li> </ul>	281.0 283.5	281.2 283.6	0.2	19603 19604

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GR/	APHIC	PRIMARY STRUCTU	FABRIC RES	CS &	ALTE		)N 	MINER		COMMENTS	ASSA	Y INTE	ERVAL	S&RESU
m	ЦТΗ	TYPE	∢CA	(m)	TYPE	INT	(m)	TYPE			FROM	то	INT (m)	SAMPLE #
	۱۱۱   ۱۱   ۱۱   ۱۱   ۱۱   ۱۱   ۱۱   ۱۱	5° 2°	<b>૧</b> 5 <del>1</del> 1 કર કર					MIN S		<ul> <li>(cont'd from pg 10) siltstone/subwacke with x-laminations.</li> <li>282-282.5m Wispy light grey distorted convoluted sericitized siltstone subwacke with flame structures.</li> <li>282.5m Med grey med bedded qtzitic wacke.</li> <li>283.5-283.6m Massive black med bedded argillite unit.</li> <li>284.5-285.m 1-2mm wide, 3-4cm long po infilled fractured, tension gashes with clots of po, in weak sericite envelope.</li> <li>285.2m Dk grey/brown thin bedded/laminated bt rich wacke with weak ser alteration.</li> <li>286.9-287.1m Sericitized/bt rich marker laminite? Unlikely.</li> <li>287.4m 4cm wide marker laminate material? Probable fringe.</li> <li>287.8m Moderate fracture set, fractures spaced 2-4cm apart with weak chl alteration along fracture margins.</li> <li>289m X-laminations in massive dk grey qtzitic wacke.</li> </ul>				
	الالالالالالالالالالالالالالالالالالال		82 84 87		- - -					<ul> <li>293.3m 1cm wide shear zone, some weak gouge.</li> <li>296m 10cm wide coarse milky white bull qtz vn with 2% clots of po in vein with 20cm wide weak sericite selvage.</li> <li>297.1m 3cm wide irreg bull qtz veins with semi-massive blebs of po in vein and disseminated cpy in po in the vein. Some disseminated py.</li> <li>297.4-298.3m Alternating wavy 1-3cm wide bands and 1-2mm wide laminations of wacke/subwacke, some sericite alteration in wacke/subwacke bands.</li> <li>305.4-305.9m 50cm wide coarse smoky grey bull qtz vein.</li> <li>306.5-306.7m 20cm wide coarse smoky grey bull qtz vein.</li> </ul>				
		50 S	82							308.2m Thin bedded/laminated convoluted distorted wavy siltstone bands within med				

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	GR/	<b>PHIC</b>	PRIMARY STRUCTU	FABRIC RES	S &	ALTE	RATIC	)N	MINE	ERALIZ	ZATION		COMMENTS	ASSA	Y INTE	ERVALS	& RESULTS
	m	LITH	TYPE	⊲CA	(m)	TYPE	INT	(m)	ואז		INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #
330 335 340 345 355 355		11111111111111111111111111111111111111		88 81 86 85 88 91 83 83					сру		~2%, Ycm	341.5	<ul> <li>(cont'd from pg 11) bedded quartzitic wacke.</li> <li>318.4-318.5m Flame structures in thin bedded siltstone.</li> <li>326.9-327.1m Moderate 20cm wide shear zone, some gouge.</li> <li>331.9-332.9m Moderately fractured core, some fracture controlled irregular cc veins.</li> <li>341.5m Flame structures in thin bedded siltstone/subwacke.</li> <li>341.7m X-laminations in siltstone.</li> <li>342.5m Flame structures in thin bedded siltstone.</li> <li>345.5m Acm wide subrounded band of finely disseminated po (20%) and some cpy (2%).</li> <li>353.6-354.1m 50cm wide diffuse ghosty irregular light smoky grey qtz vein with minor blebs of ankerite(?), weak chl alteration in vein.</li> <li>358.2m 3cm wide band of finely disseminated po (20%).</li> </ul>				

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GRAPHIC	PRIMARY STRUCTU	FABRI	CS &	ALTÉ	RATIC		MINERA		N		COMMENTS	ASSA	Y INTE	ERVALS	S & RÉSULT
т цтн	TYPE	∢CA	(m)	TYPE	TNI	(m)	TYPE	INT. SIZI	E	(m)		FROM	то	INT (m)	SAMPLE #
		82 89 86 86 88 80 81 91	361.1 361.4	Ch1	Med	361,26- 361,41				3-14,9	<ul> <li>360.5-360.6m Wispy thin irregular cc chl veinlets with finely disseminated po (1%).</li> <li>361.07-361.1m Strong dk brown bt band with weak sericite, some cc with a strong foliation.</li> <li>361.14-361.16m 2cm wide healed breccia zone, angular fragments, 2-5mm long, no rotation. Moderate fracturing overprinting breccia zone.</li> <li>361.5-361.6m Clots and disseminations of po (5%) in med bedded bt rich brown wacke.</li> <li>365.6-365.7m Clots, blebs and disseminations of po (5%) in 10cm wide zone in qtzitic wacke.</li> <li>369.6-369.8m 20cm wide zone of diss, blotches and clots of po (5%) in weakly sericitized qtzitic wacke.</li> <li>370.5-370.6m Weakly sericitized wavy x-taminations.</li> <li>379.2m Alternating 5-12cm wide sericitized wavy siltstone bands and 8-10cm wide dk grey wacke/qtzitic wacke bands.</li> <li>383.1m Mod sub parallel fracture set.</li> <li>384.1-385.8m Strongly fractured core with mod cc, chl, sericite alt'n with 2% diss py, po.</li> <li>385.8-387.8m Massive fine grained bt rich well graded qtz wacke with mod sericite alteration.</li> </ul>				

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GRA	APHIC	PRIMAR STRUCT		ICS &	ALTE	RATIC	N N	MINER	ALIZATION		COMMENTS	ASSA	Y INTER	VALS 8	RESULTS
m	итн	TYPE	∢CA	(m)	TYPE	INT	(m)		SIZE	(m)		FROM	то	(m)	SAMPLE #
o 5 10 15	+ +   +   +   +   +   +   +   +   +   +		ଷ କ୍ଟ ୫୦		bt	mod	406.8- 403.1				<ul> <li>391.6-391.7m Core moderately broken up, fractured.</li> <li>391.7-393.4m Green med grained equigranular chlorite, hornblende calcite plagioclase gabbro, becomes very fine crystalline at margins.</li> <li>399.7m 3cm x 8mm elongated subrounded tourmalinized mud chip.</li> <li>400.14-400.15m 1cm wide healed breccia zone with thin moderate sericitized thin bedded siltstone/subwacke, fragments 1mm to 5mm wide angular and polymictic, some patchy weak chl atteration.</li> <li>402.7m Flame structures in thin bedded siltstone/subwacke.</li> <li>405m X-laminations in laminated siltstone/subwacke.</li> <li>406.6m Flame structures in thin bedded siltstone.</li> <li>407.1-407.5m Strongly fractured, breccia zone, fragments subrounded to sub angular 2-8mm wide with strong sericite chl, mod cc alteration. Breccia zone healed with clots of py (5%).</li> <li>Numerous pencil thin anastomosing cc veins found throughout, fragments increase in size towards margins.</li> </ul>				
		5. 50	82. 82. 82.		ser	mud	₩0 <b>9.</b> 8				409-409.8m Black/dk grey fgr laminated argillite subwacke with finely diss po (2%). CWL? 409.8m Med to dk grey alternating wispy thin 1-3cm wide subwacke/argillite bands and laminations, some weak to mod sericite in laminations. 416.3m Hummocky x-stratification.	409	409.8	8.0	19605

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GR	APHIC	PRIMARY STRUCTUR	FABRIC RES	S &	ALTE	RATIC	)N	MINE	RALIZ	ATION		COMMENTS	ASSAY		TERVALS & RESULTS	
m.	LITH	TYPE	∢CA	(m)	TYPE	TNI	(m)	TY	1	INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE
-	<u> </u>							MIN	STR							
-	'n			ļ							ļ		l		ļ	ļ
·	- `	So	96 81													-
	-	JTalin			l						ł	430.5m Flame structures in laminated siltstone/subwacke.	ł		ļ	Į
·												431.2m 3cm x 1cm subangular tourmalinized mudchip.				
	-												ļ			
					]							439.1m 3cm x 1cm angular irregular sericitized clast.				
	-  ` ^	2°	84									439.4m Sericitized flame structures in thin bedded sittstone/subwacke. 443.9m 1cm wide rounded tourmalinized mudchip.		-		
,		]					1					443.9-444.5m Core moderately broken up.				
	-	S_	87									447.7.449.3m Dady brawn fina arained materia histita rish weeks with some			}	
5		3¤	• +									447.7-448.2m Dark brown fine grained massive biotite rich wacke with some distorted convoluted sections.	447.6	448.2	0.6	19606
	<u>; = :</u>	,										449.1-450.3m Medium grey fine grained massive calcite rich qtzitic wacke/qtz wacke.	447.0	440.2	0.0	19000
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	GRAPHIC PRIMARY FABRICS & STRUCTURES				ALTE	RATIO	Ń	MINE	INÉRALIZATION			COMMENTS	ASSAY INTERVALS & R			ESULTS	
150	m	LITH	TYPE	∢CA	(m)	TYPE	INT	(m)	TY Min	PE	INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #
^{&gt;°} [						qtz, bt	str	450.4- 451.25					450.4-451.26m Med grey bt rich qtzitic wacke/wacke with irregular blotch ghosty silicification mod to weak fractures with disseminated py (10%) and cpy (2%) in fractures.	450	450.3	0.3	19608
rs			Sfoln	80	454.8		STr		сру	٩٧	4cm	453.6	Some micro scale tight folding and minor chi alteration. Occasional irregular 1-2mm wide anastomosing fracture controlled cc veinlets.	450.4	450.7	0.3	19609
╞		, , , , ,				bt,cc chl,	str	454.9- 457.3					451.26-451.36m Fragmental 2m x 2m rounded spherical fragments with bt rich margin, dense but matrix supported frag in a qtzitic wacke/wacke matrix, occasional 3-4mm wide	450.9	451.35	0.45	19610
,o			So	30		9 te	mod	455.65 461.3 457.5-					rounded chert clasts, some finely diss po in core of frags and in matrix. 451.6m 8cm x 1cm elongated flattened tourmalinized mud clast.	451.35	451.45	0.1	19611
-			<u> </u>	90				457.8					452.3-454.7m Recrystallized qtz wacke with 1mm wide subrounded clots of qtz, clots touch each other. Matrix consists of bt.	454.95	455 65	0.7	19612
{ }	_	~~~~	E		1	albite	med	463- 500.1					454.2m Begin to get coarse bt crystals in qtz wacke, highly dense, but matrix supported. 454.7m Brown fgr bt rich laminated wacke with mod cc alt'n, get thin bands of fine to mgr subrounded qtz crystals. Occ sharply contrasting off white 5-8mm wide bands (CWL?).	455.75	456.65	0.9	19613
┝	_	<u></u>	5fain	79	466.8								454.7-454.9m Mod foliation in laminated bt rich wacke with occ anastomosing qtz vns. 455.65-457.2m Strongly foliated laminated bt rich wacke with mod cc and silica alt'n. Get	456.65	457.2	0.55	19614
-0						1							sccasional 1-4mm wide qtz augen and irreg 1-4mm wide enastomosing irreg cc qtz vns with strong to mod 1-2mm wide chl selvages. FA to CA $\triangleleft$ 60°.	460.9	461.3	0.4	19615
		<u>, y</u>	S <b>\$</b>	89		[							456.7-457.2m Lamina become strongly folded and contorted, tight folding. Good axial planar cleavage, drag folding likely tectonic central on folding (thrust fault?). Selvages of				
¥5  -  -		- ^ X *	5.	85									folded lamina have disseminated po (2%) and cpy (1%). 457.2-457.3m 10cm wide coarse bull qtz vein. 457.5-457.8m Lt grey qtz wacke with 1-2m wide densely spaced matrix supported mgr bt				
sol m		· 'n											crystals, mod/wk pervasive albite alteration (fragmental?).				

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RAPHIC	PRIMARY FABRICS & ALTERATION STRUCTURES							ERALIZ	ZATION	818	COMMENTS		ASSAY INTERVALS & RESULTS				
LITH	TYPE	≪CA	(m)	TYPE	INT	(m)		_	INT/ SIZE	(m)		FROM	то	INT	SAMPLE		
-		75	480.7				MIN	STR	1					1 (11)	*		
											457.9-458m 10cm wide band of strongly folded laminated siltstone subwacke, some flame structures.	482.9	483.3	0.4	19616		
~~											sitstorie/subwacke bands 10-20cm wide.	485	485.2	0.2	19617		
	5.	88									463-464.3m Massive thick bedded It grey qtz wacke with coarse to mgr crowded bt crystals with weak to mod pervasive albite altin. Salt & penper/speckled bt in albite	487.9	488.65	0.75	19618		
- ^ *	<u> </u>	<del>88</del>					сру	92	2mm	491.3	464.3m Massive thick bedded salt & pepper textured It grey qtz wacke. 465.45-465.46m 1cm wide weak shear, some gouge. 466m Lt grey thin bedded to laminated mod albitized wacke/subwacke with fine to more	493.16	494.16	1.0	19619		
- - - -											466.6-466.7m Mod foliation in albitized otz wacke.						
<u> </u>	So	ଟତ			447 3	500.1- 5069					sitistone/subwacke. 468.8-472.5m Lt grey/white massive mod/strongly albitized qtz wacke with fine to mgr salt & pepper bt.	500.69	501.5	0.82	19620		
~~~											472.5-473.5m Mod/strongly contorted broken up subwacke lamina, thin beds lamina broken up, ripped up, redeposited. Still have mod albite alteration	501.5	502.5	1.0	19621		
~			- 1								4/3.5-474.3m Albitization increases, get 1-2mm wide rounded subgrigal to irregular	502.5	503.3	0.8	19622		
v v				bt, ser	mod	‰1.f					474.2m Get ripped up laminated sediments, flame structures	503.5	504.5	1.0	19623		
	₹ 111 < 2 < 2 < 1 < 1 < 1 < 1 < 1 < 1 < 1	STRUCTI LITH TYPE Stain CA CA CA So So So So So So So So So So	STRUCTURES UTH TYPE $\langle CA \rangle$ Sfain 35 $\neg \uparrow \uparrow$ $\neg \uparrow$ $\neg \uparrow \uparrow \rightarrow$ $\neg \uparrow \uparrow$ $\neg \uparrow \uparrow $ $\neg \uparrow \uparrow $ $\neg \uparrow \uparrow $ $\neg \uparrow \uparrow $ $\neg \uparrow \uparrow $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	STRUCTURES STRUCTURES LITH TYPE $\langle CA \rangle$ (m) TYPE INT (m) T Sfain 75 460.7 $\neg D$ $\neg D$	STRUCTURES STRUCTURES LITH TYPE $\langle CA \rangle$ (m) TYPE INT (m) TYPE Sf_{aln} 75 460.7 MIN STR $TYPETYPETYPETYPETYPETYPETYPETYPETYPETYPEMIN STRTYPE$	STRUCTURES STRUCTURES LITH TYPE $\langle CA \rangle$ (m) TYPE INT (m) TYPE $ NT $ $Sf_{alg} 75 \rangle$ 480.7 NIN STR $NIN STRNIN STRNI$	STRUCTURES STRUCTURES LITH TYPE $\langle CA \rangle$ (m) TYPE INT (m) TYPE NT7/ Sfain 75 460.7 $\neg D$ $\neg D$	STRUCTURES ALLENTION MINERALIZATION COMMENTS UTH TYPE (m) TYPE INT (m) Stain 2s Yes-3 (m) STR 457.9-458m 10cm wide band of strongly folded laminated siltstone subwacke, some flame structures. Stain 3s Action Action Action Action Action Stain Stain Stain Stain Action Action Action Action Stain Stain Stain Stain Stain Action Action<	STRUCTURES ASSAY UTH TYPE 42.1 EXATION MINERALIZATION COMMENTS ASSAY UTH TYPE 40.7 MIN TYPE INT (m) TYPE INT (m) FROM 1 Stain 33 499.7 MIN TYPE INT (m) Stain 457.9-458m 10cm wide band of strongly folded laminated siltstone subwacke, some flame structures. 482.9 1 ASAY MIN STR 457.9-458m 10cm wide band of strongly folded laminated siltstone subwacke, some flame structures. 482.9 1 ASA MIN STR 457.9-458m 10cm wide band of strongly folded laminated siltstone subwacke, some flame structures. 482.9 1 ASA MIN STR 453.79-458m 10cm wide band of strongly folded laminated siltstone subwacke, some flame structures. 482.9 1 ASA MIN STR 453.464.36M 10cm wide band of strongly folded laminated siltstone subwacke. 485.49 1 ASA ASA ASA 464.36m 10cm wide weak shear, some gouge. 493.16 1 So 96 96 <td< td=""><td>STRUCTURES ALLEONION MINERALIZATION COMMENTS ASSAY INTERVAL UTH TYPE CA (m) TYPE NT NT</td><td>STRUCTURES ASSAV INTERVALS & RE UTH TYPE INT Im TYPE Im Im</td></td<>	STRUCTURES ALLEONION MINERALIZATION COMMENTS ASSAY INTERVAL UTH TYPE CA (m) TYPE NT NT	STRUCTURES ASSAV INTERVALS & RE UTH TYPE INT Im TYPE Im Im		

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G	RAP	2IH	PRIMARY STRUCTU		CS &	ALTE	RATIO	DN T	MINE	ERALIZ	ATION		COMMENTS	ASSAY	INTERV	ALS &	RESULTS
m 		<u>сітн</u>	TYPE	∢CA	(m)	TYPE	INT	(m)		PE	int/ Size	(m)		FROM	70	;NT (m)	SAMPLE #
		ک				albite	mod	511.1-					475m Crenulation cleavage	514	515.1	1.1	19624
	4	· · ·				b٢	str	513-1-					475.9-476.4m Broken up, ripped up siltstone lamina, lamina ripped up fragments, 3-5cm long x 3-4mm wide.	517.8	518.4	0.6	19625
-	-	$\dot{\gamma}$	SF.Im	65 92	518.4	alnite	mod		env	qv.	2mm	578.3	476.4-477m Get wavy, irregular, sometimes broken up laminated subwacke, often fractured, broken up.	518.4	519.1	0.7	19626
-				82		ser,	uk-	\$17.6-	r'	1			477-477.4m Massive It grey albitized qtz wacke with salt & pepper med to fgr bt crystals.	519.1	520.1	1.0	19627
Ļ			S	ទទ]	albite	1						477.4-477.7m Get 1-3mm wide rounded biotized frags in mod albitized qtz wacke/wacke. Occasional 3mm to 1cm wide round chert frags. Fragmental?	520.1	521.1	1.0	19628
								524					477.7-478.4m Broken up fractured biotized siltstone/subwacke lamina, mod albitized, wispy 3-6cm iong strands of biotized subwacke lamina. 478.4-478.6m Massive albitized bt rich qtz wacke.	521.1	522.1	1.0	19629
ļ						Ser		521.9 524.1					478.6-478.7m Distorted irreg laminated/thin bedded siltstone subwacke.	522.1	523.1	1.0	19630
-	┦		<u>~</u> % (97		albite		524-5	сру	ee vn	(mm	>28.1	478.7-479.8m Massive thick bedded albitized bt rich salt & pepper qtz wacke with occasional coarse bt crystals, crowded bt. 479.8-480.1m Broken up distorted albitized laminated siltstone/subwacke fragments.	523.1	524.1	1.0	19631
-	┥₊	•											480.1-480.5m Massive med bedded albite rich salt & pepper bt qtz wacke. 480.5-481.1m Lt green thin bedded/laminated mod foliated siltstone/subwacke with mod	524.1	525.1	1.0	19632
┝	-	•					ĺ						481m 2-3mm wide boudinaged qtz vein.	525.1 526.1	526.1 527.1	1.0 1.0	19633
		+											481.1-481.3m Dk grey brown bt ser, albite rich thin bedded/laminated subwacke/silststone.	527.1	527.1 528.1	1.0	19634 19635
L	1*	•1	1			L	L								020.1		

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	RAPHIC	PRIMAR STRUC1		ALTE	RATIC		MINE	RALIZ	ATION		COMMENTS	ASSAY	INTERVA	LS & R	ESULTS	
m 	цлн	TYPE	dCA	(m)	TYPE	INT	(m)	TYF MIN 1	-	INT/ \$12E	(m)		FROM	то	INT (m)	SAMPLE #
5								сру	dission			 481.3-482.9m Massive thick bedded It grey/white mod albitized qtz wacke with salt & pepper bt with coarse chl x-sals along fracture core surface. 482.9-483.9m Broken up laminated/thin bedded biotized subwacke fragments and wavy, convoluted, distorted, thin bedded/laminated wacke/subwacke. 483.9-484.1m 1mm wide rounded fragments with cherty margins in a massive bt wacke matrix, fragmental? Matrix supported (20% frags). 484.1-487.15m Broken up wavy irregular 1-10cm long, 3-5mm wide strands of laminated, bt rich subwacke/siltstone in a qtzitic wacke/wacke matrix. Mod to wk pervasive albite alteration. 487.15-488.3m Med grey fgr laminated wacke (CWL?), occasional 3-5mm wide crisp white bands. Patchy weak to mod sericite alteration. 488.3-490.7m Lt grey to med brown wavy laminated/thin bedded siltstone/subwacke with mod albite alteration, get frequent wavy albitized bands and wavy bt rich bands 3-8mm wide. Occasional flame structures. 490.7-491.35m Broken up fractured siltstone/subwacke strands in albitized vacke. 492.3-492.4m Mod albitized sericitized laminated wavy contorted siltstone/subwacke. 494.6-495.2m Irregular wavy broken up laminated siltstone/subwacke strands. 496.8-497.6m Core moderately broken up. 	528.1 529.1	529.1 529.87	1.0	19636 19637
-	- ['] '							сру сру	q√ 9¥	3mm 2mn	569.9 569.6	elongated, irreg 1-4cm long in mod sericitized wcke matrix. 500.6m bt alt'n becomes more				

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GR	RAI	PHIC	STRUCTL	RATIC	DN	MINE	ERALIŽ	ATION		COMMENTS	ASSA	Y INT	ERVAL	S & RESUL	LTS			
m		LITH	TYPE	∢CA	(m)	TYPE	INT	(m)	TY	PE	INT/ SIZE	(m)		FROM	то	INT (m)	SAMPLE #	
90 90 90		* * * * * * * * *							сру	٩v	40~	581.7	 501.1m Mod biotitzed finely laminated wacke (CWL?). 501.6m 6cm wide round albite concretion? 502.8m Weak 1cm wide shear, some gouge. 502.8-502.9m 8mm x 0.5mm flattened elongated diffuse sericitized fragments with strong bt along margin. 503.3-503.4m 10cm wide albite gt, bt concretion. 504.2-504.3m Mod fracture set with infilled cc in frx. 504.4-505.6m Broken distorted 2-3cm long irreg strongly biotized siltstone subwacke strands. Strands wispy with diffuse margins in sericitized wacke matrix. 505.6-507m Dark brown laminated/thin bedded wacke with occasional small wispy, 1-2mm long fragments and wavy, irregular 1-2mm wide biotized laminae, some flame structures. 507m Moderately albitized med bedded qtz wacke. 507.5m Irreg thin bedded/laminated wacke/subwacke with mod sericite/bt alteration. 508m Strands broken up, wavy, more albite, less bt alteration, wavy irreg laminated/thin bedded subwacke. 510-511m Still get broken up mod to strongly biotized, 1-4cm long irreg, diffuse subwacke/siltstone strands in a sericitized bt rich wacke/subwacke matrix. Get med to coarse bt in matrix. 511.1-511.3m 20cm wide It grey albite concretion(?) with fine speckled bt crystals. 5112.2-512.7m Mod albitized med bedded massive qtz wacke with fine bt x-stals. 512.7-513.1m Irreg blotchy thin bedded wacke subwackes with wk to mod bt alteration. 					

595.5m END OF HOLE

Bootleg DDH BL-00-01 Interval Notes Continued

513.1-513.3m Wavy broken up wispy ,irregular siltstone/subwacke strands with moderate bt alteration in weakly sericitized bt rich wacke matrix. 513.3-514.1m Albitized otz wacke

514.1-516.2m Broken up irregular bt rich wavy subwacke strands in bt/sericite rich wacke matrix, mod albite alteration in matrix. 516.2-516.7m Albitized dz wacke

516.7-517m Irregular broken up wispy bt rich silstone/subwacke strands in bt rich wacke matrix.

517-517.6m Albitized qtz wacke.

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517.6-518.4m Med grey/med brown bt rich recrystalized fine grained qtz wacke/qtzitic wacke with moderate to weak pervasive sericite alteration and strong 3mm to 1cm wide round bt blotches. Some weak to moderate chl, sericite often coarse x-stals. 518.4m Moderate foliation in recrystalized qtz and chl x-stals. 518.4-519.1m Lt grey/green fine grained mod foliated qtzitic wacke with weak pervasive chl alteration, chl displays mod foliation. Thin bedded?

519.1m Med/dk brown fine grained finely laminaed wacke (CWL?) with strong bt alteration. Some weak ghosty albite alteration along lamina planes.

523.9m Flame structures in bt rich laminated wacke. 524-524.5m Strong albitized zone in laminated wacke. 528-528.2m Series of irregular fractured controlled cc veins in laminated bt rich wacke. Veins have disseminated po (5%) and cpy (1%). Some mod chl alteration along fracture vein selvages. 529.87-530.2m Green fine grained equigranular cht cc rich gabbro-chill margin with random oriented med grained subhedral bt x-stals

530.2m Green med grained hypidiomorphic equigranular chl hornblende, plagioclase cc gabbro.

550.1-550.9m 8mm wide cc vein, subparallel to CA.

566.2m 1cm wide cc vein subparallel to CA.

575.93-575.94m 5-8mm wide breccia zone 1-2mm wide angular fragments.

579.7-584.9m Gabbro becomes more medium grained, equigranular, hypidiomorphic.

584.9m Gabbro becomes coarse porphyritic plagioclase homblende with a chl cc groundmass, crowded porphyrytic gabbro.

APPENDIX ÌII

Drill Core Analytical Sample Results

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21-Sep-00

ECO-TECH LABORATORIES LTD. 10041 Dallas Drive KAMLOOPS, B.C. V2C 6T4

Phone: 250-573-5700 Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-289

RIO ALGOM EXPLORATION LTD. 900-409 GRANVILLE STREET VANCOUVER, BC V6C 1T2

ATTENTION: SIG WEIDNER

No. of samples received: 37 Sample type: Core Project #: 0001 Shipment #: None Given Samples submitted by: Pat Donnelly

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	AI %_	As	Ba	Bi	Ca %	Cd_	Co	Cr	Cu	Fe %	La	Mg %	Mn	Мо	Na %_	Ni	P	РЪ	Sb	Sn	Sr	Ti %	U	_ v	W	Y	Zn
1	19601	<5	<0.2	1.74	<5	220	<5	0.82	<1	16	98	60	3.81	20	0.95	599	2	0.03	22	570	34	<5	<20	27	0.18	<10	37	<10	29	105
2	19602	5	<0.2	1.52	<5	115	5	0.40	<1	19	56	54	3.85	20	0.78	335	<1	0.02	22	510	30	<5	<20	11	0.14	<10	20	<10	13	92
3	19603	10	<0.2	1.11	<5	165	<5	0.29	<1	10	99	24	2.33	20	0.48	378	<1	0.03	12	180	14	<5	<20	7	0.13	<10	24	<10	21	61
4	19604	10	<0.2	1.01	<5	145	<5	0.23	<1	9	158	27	2.13	10	0.57	402	<1	0.05	15	220	14	<5	<20	7	0.13	<10	24	<10	17	52
5	19605	5	<0.2	1.47	15	160	5	0.23	<1	18	53	41	3.75	10	0.70	363	<1	0.01	25	380	18	<5	<20	6	0.15	<10	21	<10	8	76
6	19606	5	<0.2	1.46	<5	145	<5	0.15	<1	18	59	45	3.56	30	0.63	305	<1	0.02	27	350	10	<5	<20	2	0.17	<10	19	<10	26	58
7	19607	5	<0 2	1.88	<5	260	10	1.12	<1	10	101	5	2.66	10	1.38	602	<1	0.03	14	560	34	10	<20	15	0.16	<10	29	<10	26	75
8	19608	5	<0.2	1.98	<5	205	5	0.44	<1	11	93	7	3.11	20	1.47	473	<1	0.03	15	550	28	5	<20	7	0.19	<10	31	<10	27	72
9	19609	<5	<0.2	0.91	<5	150	<5	0.19	<1	17	58	83	2.35	30	0.46	191	<1	0.01	25	300	12	<5	<20	2	0.13	<10	11	<10	29	26
10	19610	5	<0.2	1.33	<5	185	<5	0.24	<1	12	51	22	2.57	20	0.76	310	<1	0.01	14	360	12	<5	<20	3	0.21	<10	15	<10	33	42
11	19611	5	<0.2	1.02	<5	135	<5	0.52	<1	10	165	25	1.96	10	0.51	331	<1	0.05	17	330	8	<5	<20	11	0.11	<10	20	<10	22	32
12	19612	<5	<0.2	1.82	10	160	10	0.80	<1	14	68	5	2.86	10	1.38	432	<1	0.03	17	540	36	10	<20	21	0.20	<10	32	<10	18	64
13	19613	5	<0.2	2.18	10	195	<5	1.81	<1	15	68	9	3.16	20	1.90	655	<1	0.03	16	490	40	10	<20	47	0.19	<10	26	<10	22	75
14	19614	10	<0.2	1.33	<5	115	<5	0.88	<1	16	52	88	3.01	20	0.97	368	<1	0.02	23	490	28	<5	<20	21	0.15	<10	28	<10	12	48
15	19615	5	<0.2	1.24	10	150	<5	0.13	<1	19	51	41	2.84	20	0.55	233	<1	0.02	29	290	12	<5	<20	2	0.15	<10	17	<10	8	39
16	19616	10	<0 2	1.43	60	155	5	0.25	<1	20	39	7	2.81	40	0.65	308	<1	0.02	23	340	12	<5	<20	4	0.17	<10	19	<10	31	31
17	19617	5	<0.2	0.81	<5	90	<5	0.15	<1	7	79	5	1.63	10	0.40	176	<1	0.04	11	220	8	<5	<20	1	0.12	<10	22	<10	16	16
18	19618	5	<0.2	1.51	<5	165	<5	0.28	<1	16	52	26	2.87	20	0.94	378	<1	0.02	22	530	30	<5	<20	4	0.17	<10	27	<10	26	45
19	19619	10	<0.2	0.57	5	65	<5	0.37	<1	6	123	3	1.05	<10	0.30	175	<1	0.05	12	430	8	<5	<20	3	0.09	<10	21	<10	16	25
20	19620	5	<0 2	1.66	<5	265	<5	0 57	<1	20	58	47	3.47	20	1.10	500	<1	0.03	24	440	26	5	<20	5	0.17	<10	32	<10	21	50
21	19621	5	<0.2	1.77	<5	165	5	0.57	<1	10	99	8	2.44	20	1.36	597	<1	0.04	14	490	22	10	<20	6	0.17	<10	30	<10	29	52
22	19622	5	<0.2	1.56	<5	210	5	0.33	<1	17	76	32	2.95	10	1.22	524	<1	0.04	21	490	30	<5	<20	4	0.16	<10	44	<10	24	46
23	19623	5	<0.2	1.92	10	270	5	0.68	<1	13	85	8	3.04	20	1.45	607	<1	0.04	18	510	24	<5	<20	10	0.17	<10	36	<10	29	61
24	19624	5	<0.2	1.36	15	150	<5	0.28	<1	17	44	35	2.97	30	0.68	272	<1	0.02	25	360	14	<5	<20	2	0.13	<10	17	<10	20	48
25	19625	<5	<0.2	0.93	5	85	<5	0.32	<1	8	97	3	1.61	20	0.53	231	<1	0.04	15	230	14	<5	<20	3	0.12	<10	24	<10	25	35

ICP CERTIFICATE OF ANALYSIS AK 2000-289

RIO ALGOM EXPLORATION LTD.

21-Sep-00

Et #	Tag #	Au(ppb)	Ag	A! %	As	Ва	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P_	Pb	Sb	Sn	Sr	Ti %	U	v	w	Y	Zn
26	19626	5	<0.2	1.38	<5	125	<5	0.35	<1	16	40	38	3.19	30	0.80	390	<1	0.02	23	410	12	<5	<20	4	0.13	<10	14	<10	30	57
27	19627	5	<0.2	1.59	<5	135	<5	0.47	<1	12	94	22	2.81	20	1.18	461	<1	0.04	19	540	24	<5	<20	11	0.16	<10	35	.<10	28	74
28	19628	5	<0.2	1.77	<5	170	<5	0.32	<1	14	77	29	3.23	20	1.49	549	<1	0.03	22	490	28	10	<20	8	0.17	<10	43	<10	26	121
29	19629	5	<0.2	1.25	<5	120	<5	0.31	<1	15	66	36	3.25	20	0.94	348	3	0.03	23	440	22	<5	<20	5	0.12	<10	18	<10	22	87
30	19630	10	<0.2	1.47	<5	135	<5	0.69	<1	11	57	21	2.77	20	1.12	445	<1	0.03	18	480	24	10	<20	7	0.14	<10	28	<10	27	85
31	19631	5	<0.2	1.26	<5	130	<5	0.38	<1	14	59	33	2.91	20	0.83	327	<1	0.02	18	500	30	<5	<20	3	0.13	<10	16	<10	25	59
32	19632	10	<0.2	1.07	<5	120	<5	0.22	<1	9	78	13	2.06	10	0.72	277	<1	0.03	16	370	14	<5	<20	<1	0.13	<10	24	<10	26	42
33	19633	15	<0.2	1.20	<5	170	<5	0.28	<1	13	76	31	2.70	20	0.75	275	<1	0.03	17	400	16	<5	<20	3	0.14	<10	18	<10	28	40
34	19634	5	<0.2	1.13	<5	145	<5	0.34	<1	14	47	33	3.01	20	0.69	279	<1	0.02	17	410	22	<5	<20	3	0.14	<10	15	<10	25	36
35	19635	10	<0.2	1.17	<5	170	<5	0.31	<1	15	55	43	3.32	20	0.66	268	<1	0.02	20	430	16	<5	<20	3	0.14	<10	15	<10	24	37
36	19636	10	<0.2	1.37	<5	170	<5	0.36	<1	16	42	52	3.44	20	0.78	290	<1	0.03	17	460	20	<5	<20	5	0.15	<10	20	<10	27	46
37	19637	10	<0.2	1.33	<5	265	<5	0.29	<1	14	71	62	2.78	20	0.78	275	<1	0.04	18	230	12	<5	<20	3	0.18	<10	36	<10	26	35
	:A :																													
Resplit:																														
1	19601	<5	<0.2	1.74	<5	225	<5	0.87	<1	17	98	63	3.92	20	0 94	616	3	0.04	21	590	40	<5	<20	24	0.18	<10	38	<10	30	111
36	19636	10		1.36	<5	180	5	0.36	<1	16	64	54	3.46	20	0.78	291	<1	0.03	20	470	16	<5	<20	3	0.14	<10	20	<10	27	47
Repeat:																														
1	19601	<5	<0.2	1.69	<5	215	5	0.83	<1	17	97	57	3.86	20	0.92	601	2	0.03	21	580	40	<5	<20	24	0.18	<10	37	<10	29	110
10	19610	5	<0.2	1.34	<5	180	<5	0.23	<1	12	50	23	2.52	20	0.78	304	<1	0.01	15	380	12	<5	<20	3	0.18	<10	15	<10	31	41
19	19619	10	<0.2	0.55	10	65	<5	0.37	<1	6	121	3	1.04	<10	0.30	176	<1	0.04	12	420	8	<5	<20	3	0.09	<10	21	<10	15	25
36	19636	10	<0.2	1.36	<5	180	<5	0.37	<1	16	43	52	3.46	20	0.78	291	<1	0.03	18	460	20	<5	<20	3	0.15	<10	20	<10	28	46
Standar	rd:																													
GEO'00		115	0.8	1.66	50	160	5	1.56	<1	19	57	85	3.57	<10	0.89	672	<1	0.02	25	700	26	5	<20	57	0.11	<10	73	<10	12	80
GEO'00		115	0.8	1.72	60	150	<5	1.58	<1	18	59	86	3.61	<10	0.91	670	<1	0.02	28	730	24	<5	<20	57	0.11	<10	75	<10	12	80

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<u>Et #.</u> 26	Tag # 19379	Au(ppb)	Ag	<u>Al %</u>	As	Ba	Bi	Ca %	Cd	Ca	Cr	Cu	Fe %		Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	<u>Ti %</u>	U	V	W	Y	Zn
27	19380	÷	-0.2		-				-					-		-						_	- 20	_ A	0.10		-	-		
28	19398	5	<0.2	1.30	<5	100	<5	0.69	<1	11	81	38	2.54	10	0.85	473	<1	0.03	15	410	82	5	<20	15	0.16	<10	16	<10	23	99
29	19399	5	<0.2	1.63	<5	115	5		3	10	79	27	2.53	10	1.05	772	<1	0.05	15	520	260	10	<20	24	0.25	<10	17	<10	26	265
30	19400	5	4.2	1.18	<5	70	15	0.37	5	21	73	70	3.73	<10	0.85	479	2		23		3172	<5	<20	8	0.20	<10	20	<10	14	327
31	7794	-	-0.2	-0.01-			- ÷		-	-40-		- ôc	4.00	- 22	0.00	- 110	- 0	-0.04	- 40	220	- 20		20		0.45		-14			43
32	7795	,	-0.2	-0.00	-		-	-	-	e de la composición d	- 00	40	-101		0.00			-0.00	-10	- 600	40			45	0.12	-40-	<u> </u>	-40	- 20	
<u>QC DA</u> Resplit 1						<u></u>					- 72		- 2-20		<u>. 0. 63.</u>	472		-0.02-	16	- 200				7.	0.08	<10	- 4	10	10	<u>_68</u>
Repeat	:																													
1	19354	<	NU.2	0.00	10	10	- J.	0.55			16	-		-	0 10							- Ç.	- 20-		040		-	ستنانيم	-	
10	19363	-			-													-0.00									-			
19	19372						- Aller					- 22	- 2-24		0.64	-440-		0-00				-		- 60	0.02				ستشادد	وأشاعه
28	19398	-																												
Standa GEO 00		120	1.0	1.47	45	150	<5	1.43	<1	17	50	88	3.20	<10	0.84	620	<1	0.01	24	670	22	<5	<20	53	0.12	<10	64	<10	14	68

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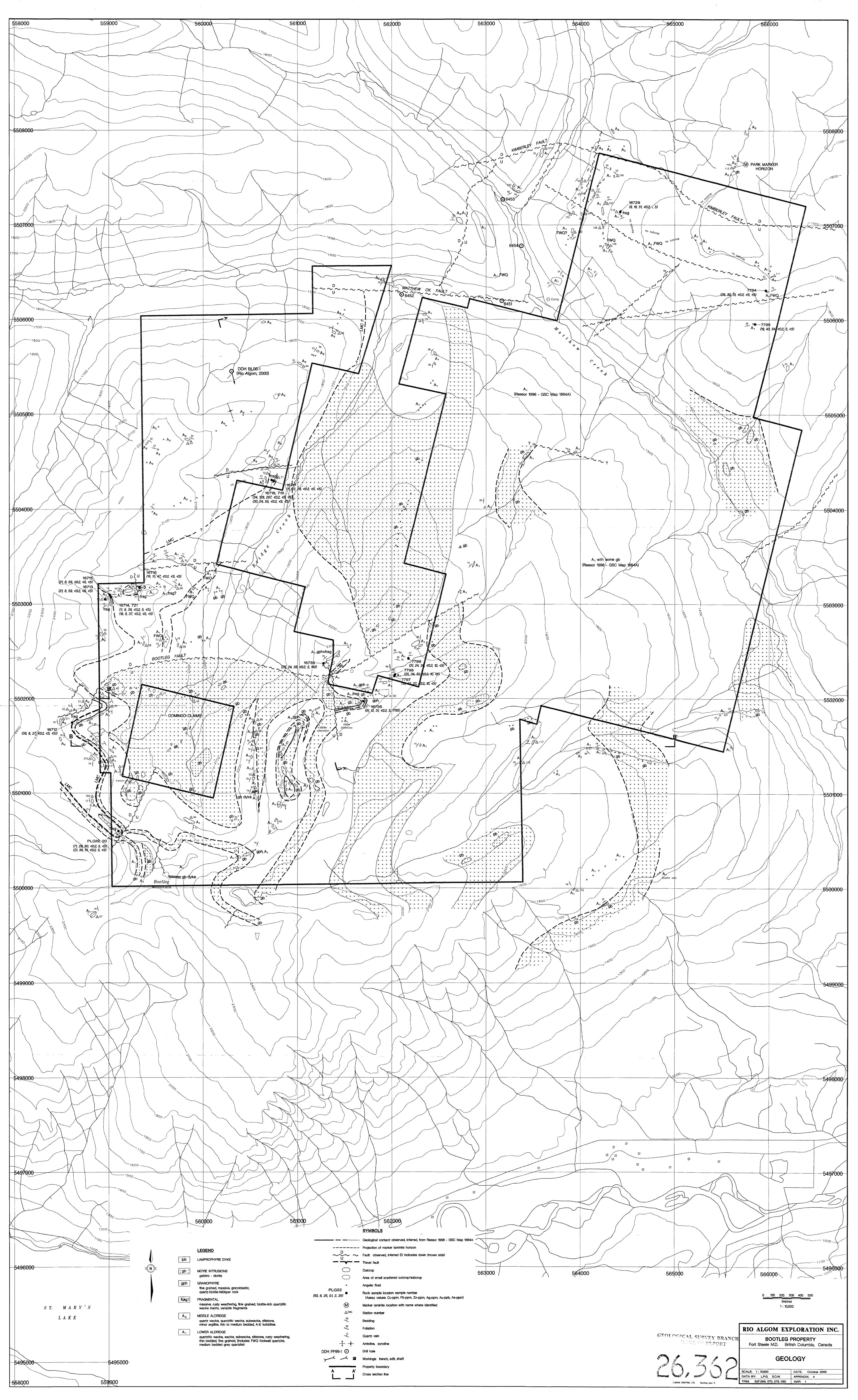
6-Oct-00

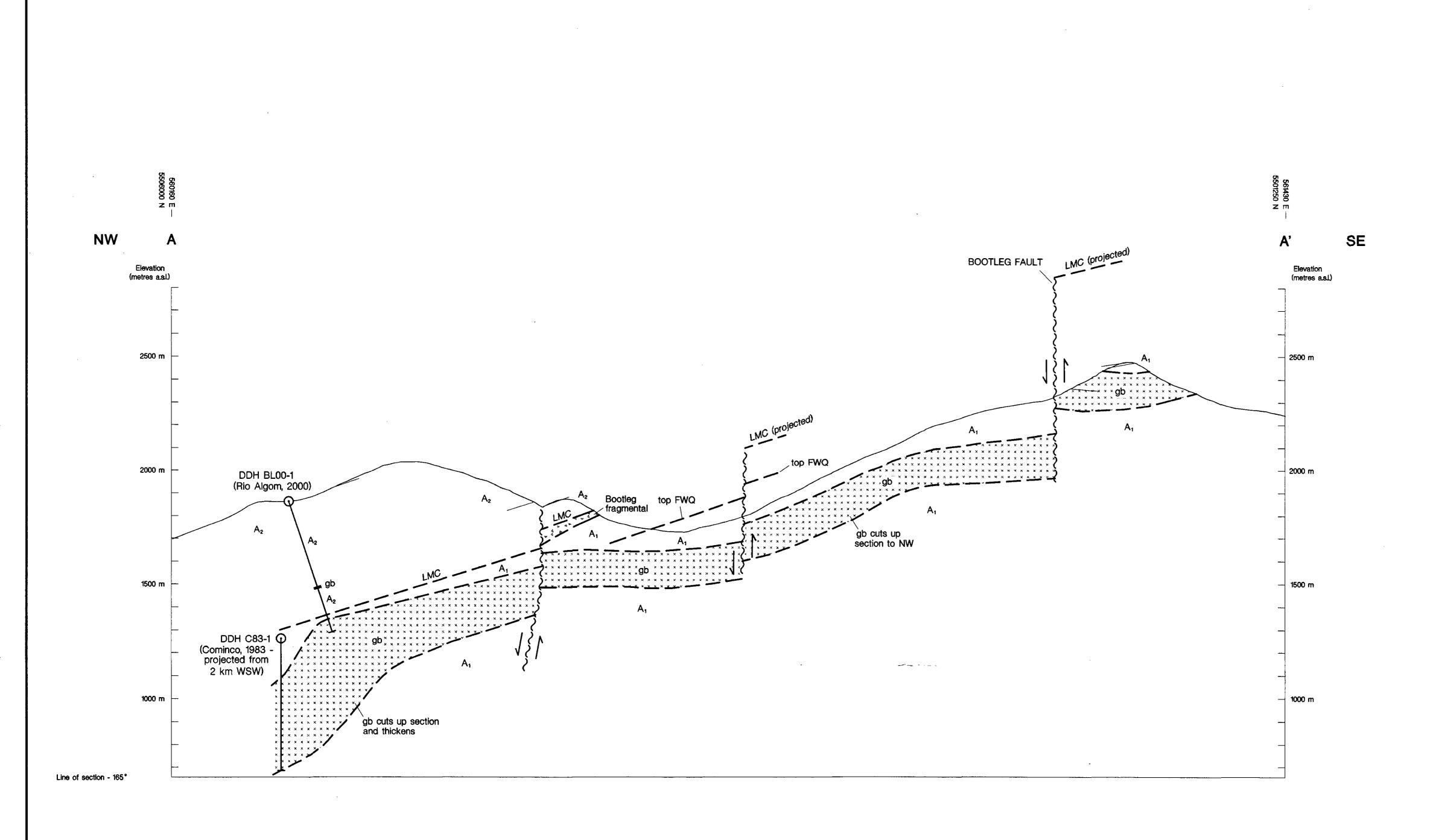
ICP CERTIFICATE OF ANALYSIS AK 2000-303

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APPENDIX IV

Geology Map and Section





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LEGEND

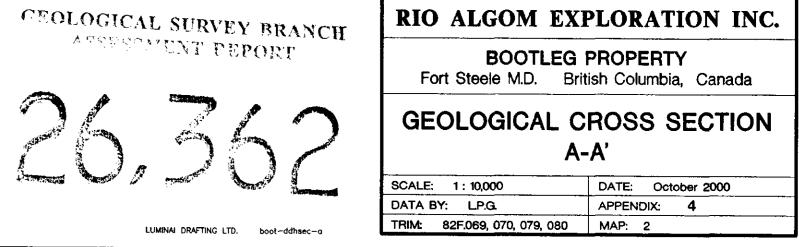
lph	LAMPROPHYRE DYKE
* gb *	MOYIE INTRUSIONS gabbro - diorite
gph	GRANOPHYRE fine grained, massive, granoblastic, quartz-biotite-feldspar rock
frag :	FRAGMENTAL massive, rusty weathering, fine grained, biotite-rich quartzitic wacke matrix, variable fragments
A ₂	MIDDLE ALDRIDGE quartz wacke, quartzitic wacke, subwacke, siltstone, minor argillite, thin to medium bedded, A-E turbidites
A ₁	LOWER ALDRIDGE quartzitic wacke, wacke, subwacke, siltstone, rusty weathering, thin bedded, fine grained, (includes FWQ footwall quartzite, medium bedded grey quartzite)
	SYMBOLS
	Geological contact observed, Inferred
	Projection of marker laminite horizon
$\sim \sim \sim$	Fault: observed, inferred

Measured bedding attitude

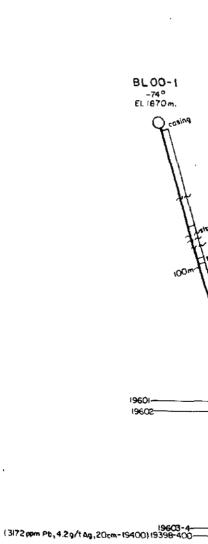
Drill hole

DDH BL00-1 🖸

0 100 200 300 400 500 Metres 1 : 10,000 RIO ALGOM EXPLORATI







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