2000 DIAMOND DRILLING PROGRAMME ON THE SOUTH FINDLAY OPTION PROPERTY

ASSESSMENT REPORT FOR CLAIMS CORE 1 AND 2, FIN 3, FIN 14 TO 34, DOC 1 TO 20, TOR 1 AND 3, OCT 1 TO 6, DOC 61 TO 100

LATITUDE 50° 02 00'' LONGITUDE 116° 12' 00''

NTS 082K/01

GOLDEN MINING DIVISION, BRITISH COLUMBIA, CANADA

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SEPTEMBER, 2000

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1.0 Abstract

The South Findlay property comprised 52 claims with a total of 231 claim units when Eagle Plains Resources and Rio Algom Exploration entered into an option agreement on June 11, 1999. Since then an additional 40 claims of one (1) claim unit each have been acquired by the companies. The claims are located 60 kilometres north-northwest of Cranbrook, BC within the Golden Mining Division. Road access is limited and most areas require helicopter support. Elevations range from 1500m to 2860m.

The South Findlay project lies at the northern end of 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 stratigraphy is the oldest stratigraphy exposed on the property and is conformably overlain by the Middle Aldridge Formation. The Middle Aldridge stratigraphy dominates exposures in the area. On the property the Middle Aldridge is in turn overlain by strata of the Upper Aldridge Formation, Creston Formation and Kitchener Formation. Although regional and local scale faulting is present on the property, no large-scale offsets were identified. Based on the distribution and stratigraphic sequence of laminated siltstones, or "marker horizons", the standard stratigraphic succession of the Middle Aldridge Formation has been maintained. Syn-depositional gabbro sills and dikes have intruded the sedimentary units of the Middle and Lower Aldridge Formation. Cretaceous aged stocks and batholiths have been mapped to intrude Lower Aldridge and Middle Aldridge stratigraphy. Although mineral exploration in the area dates back to the 1860's, the only significant base metal deposit to date is Cominco's Sullivan deposit located approximately 30 kilometres to the south of the project area.

The Sullivan deposit near Kimberley contained an estimated 170 MT grading 5.5% zinc, 5.8% lead and 59 gram per tonne silver. This sedimentary exhalative lead-zinc sulfide deposit is stratigraphically situated at the Lower Aldridge-Middle Aldridge contact (LMC).

Between May 26 and July 20, 2000 Rio Algom conducted a diamond drilling program consisting of three holes totalling 2578 meters. This work was based on the mapping and prospecting program carried out in 1999 (Weidner, 1999) that concentrated on delineating the Lower Aldridge-Middle Aldridge contact (LMC). Each hole was collared in Middle Aldridge stratigraphy utilizing stratigraphic markers to demarcate the stratigraphic position the drill hole commenced. Drill hole FS-00-1 was drilled to a depth of 866.5 metres and intersected the LMC at 725.1 metres. Drill hole FS-00-2 was drilled to a depth of 1052.4 metres and intersected the LMC at 746.9 metres. Drill hole FS-00-3 was drilled to a depth of 660.1 metres and intersected the LMC at 443.9 metres. All three holes terminated in Lower Aldridge stratigraphy.

Sampling and analysis of the core revealed only weakly anomalous zinc and lead values within the Sullivan horizon equivalent stratigraphy with values reaching 260 ppm zinc in drill hole FS-00-1, 165 ppm of zinc in drill hole FS-00-2 and 114 ppm of zinc in drill hole FS-00-3.

Based on the paucity of zinc and lead values of SEDEX mineralization character further drilling for a Rio sized target at or near LMC time is not warranted on this property.

2.0 Introduction

2.1 Property Location, Access and Physiography

The South Findlay property comprises 92 claims with a total of 271 claim units. The claims are located 60 kilometres north-northeast of Cranbrook, BC, within the Golden Mining Division on NTS map sheet 82K/1E. The property is centred at latitude 50° 02' 00'' north and longitude 116° 12' 00'' west. The northwestern corner of the claim block is bordered by the Purcell Wilderness Conservatory (Figure 1, 2).

Road access to the property is limited to one logging road from Canal Flats (Doctor Creek Forest Service Road) crossing the southern portions of the property near the headwaters of Doctor Creek. Additional logging roads in the area are not accessible due to the practices of dismantling bridges in particular and access in general through compliance with the Forest Practices Code. Helicopter support is required for those areas as well as areas of higher elevation.

Elevations on the claim group range from 1500 metres to 2860 metres above sea level. Vegetation at lower elevations consists of mature timber. Outcrop exposure is good in lower elevations to excellent at higher elevations. 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 mid-June to mid-October, depending on the preceding winter's snowfall.

2.2 Claim Status

The 92 claims are owned by Rio Algom Exploration Inc., subject to an option agreement with Eagle Plains Resources entered into between the two companies on June 11, 1999. The claims cover an area of approximately 4400 hectares. A listing of claims and their claim status is attached in Appendix I. Note that the expiry dates have been adjusted to reflect the credits to be applied to the claims with the filing of this report.

2.3 Exploration History

Placer gold exploration and mining in the region began in the mid-1860's until the discovery of the St. Eugene and Sullivan deposits switched the focus to lead and zinc.

Since the 1930's the area has been explored by Cominco (1959-69, 1977, 1984-1988), Texas Gulf (1971), Kerr-Addison (1971-1975), Amax (1977-1979), Four Tops Mining (1982-1985), Billiton Canada (1983-1984), Teck Corp. (1990), Eagle Plains-Miner River (1995-1996) and Kennecott (1997-1998).

Current exploration activities in the immediate area with a focus on lead-zinc mineralization within the Aldridge stratigraphy is being undertaken by Eagle Plains Resources on the North Findlay project, by Rio Algom Exploration Inc. on the South Findlay project and by Kennecott Canada on the Greenland Creek property.

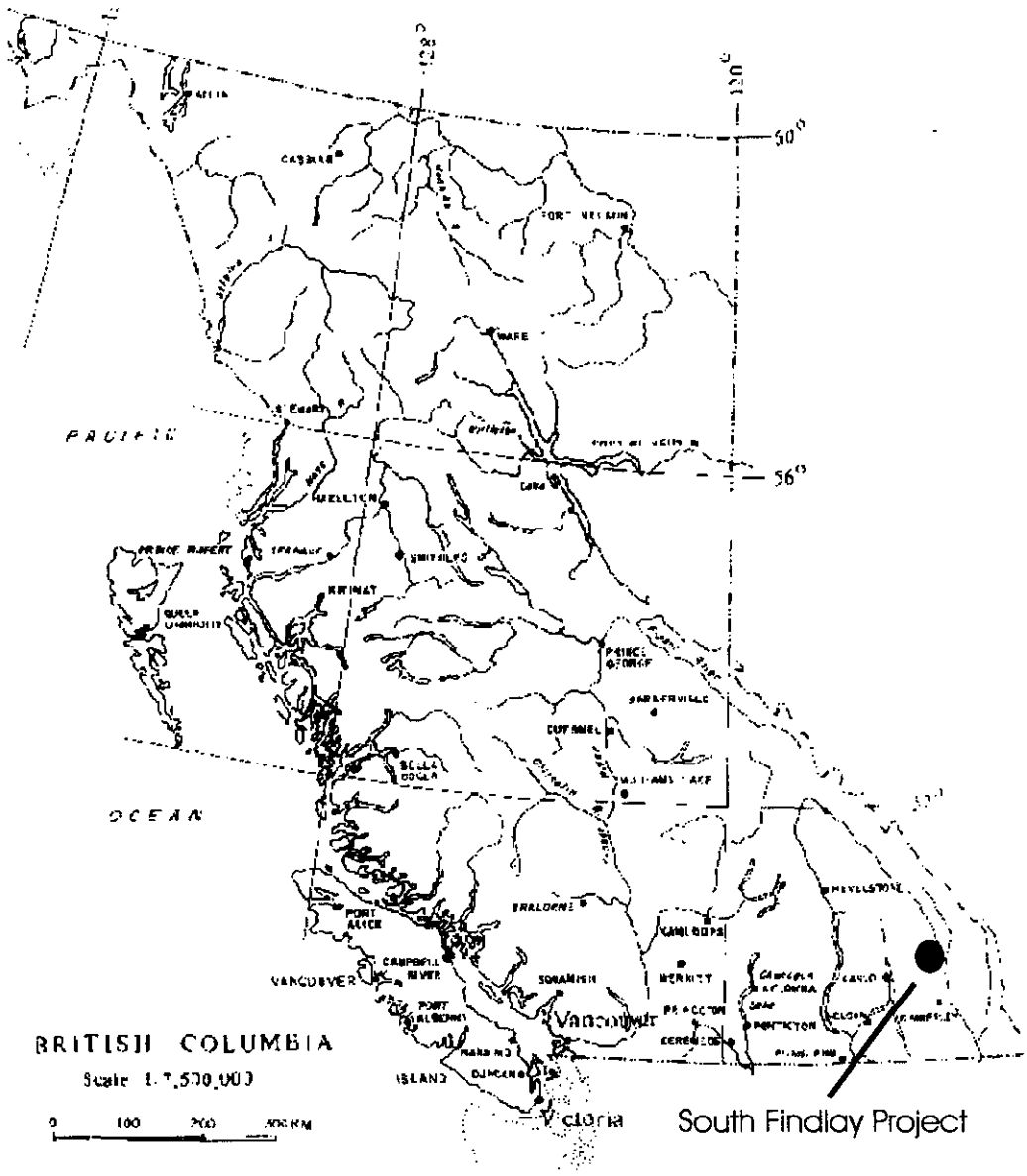


Figure 1: Location Map of South Findlay Option Property

3.0 Regional Geology

The Findlay Creek area has previously been described by Reesor (1954), Hoy (1992) and Brown and Termuende (1998). The following geological description is partly taken from those papers.

The Findlay Creek project area straddles the central axis of the Purcell Anticlinorium, a broad gently north plunging structure cored by the Proterozoic Purcell Supergroup (Figure 2). The Supergroup comprises a siliciclastic and lesser carbonate sequence at least 12 kilometres thick deposited in an intracratonic rift basin. The strata are preserved in an area 750 kilometres long and 550 kilometres wide extending from southeastern British Columbia to eastern Washington,

Idaho and western Montana. The Findlay Creek area lies at the northern end of this large rift basin.

The area is underlain by the Aldridge Group, the lowermost Purcell Supergroup strata. The Lower Aldridge Formation consists of thin bedded, laminated and rusty weathering silicic siltstones and argillites. The Lower Aldridge sediments grade upward into medium to thick

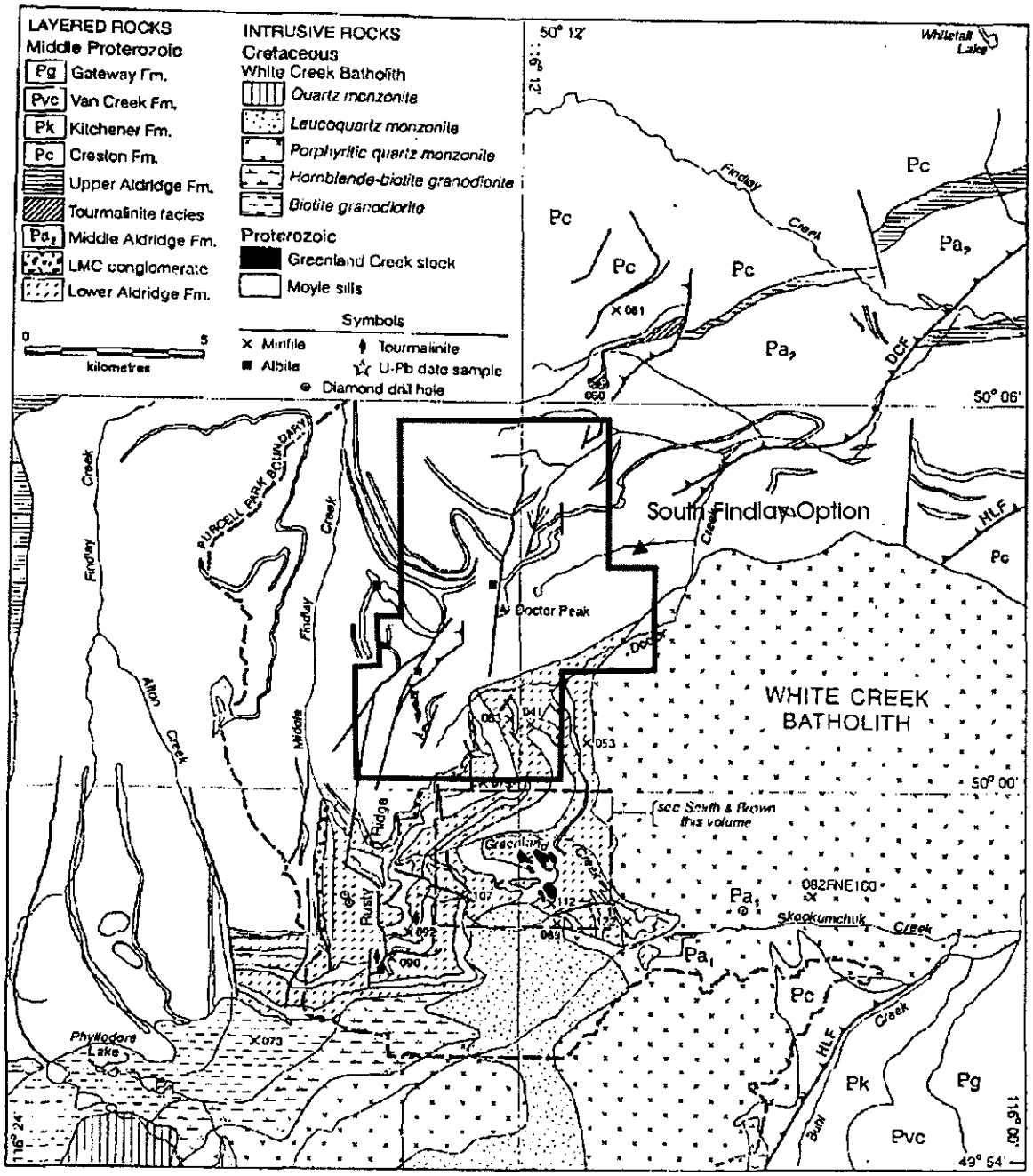


Figure 2: South Findlay Option RegionalGeology

bedded grey weathering turbidites of the Middle Aldridge Formation. The Middle Aldridge turbidite beds display normal grading, flame structures, load casts and rare ripples. The Middle Aldridge Formation is about 2,500 to 3,500 metres thick and, in addition, is expanded by Middle Proterozoic dioritic to gabbroic sills of the Moyie intrusions. The Upper Aldridge Formation consists of rusty weathering, thin bedded siltstone and argillite and is typically 250 to 500 metres thick.

Pale green, grey and mauve argillite, siltstone and arenite of the Creston Formation overlie the Upper Aldridge Formation. The Creston Formation ranges in thickness from 1,200 metres to over 2,000 metres and is overlain by carbonate rocks of the Kitchener Formation, siltites and argillites of the Van Creek Formation and volcanics of the Nicol Creek Formation. The uppermost strata of the Purcell Supergroup, the Dutch Creek Formation and the Mount Nelson Formation are exposed in the northern part of the region. Cretaceous granitic stocks and batholiths intrude all formations of the Purcell Supergroup.

The most significant mineral deposit in the region is Cominco's Sullivan deposit near Kimberley, BC. The deposit contained an estimated 170 million tonnes grading 5.5% zinc, 5.8% lead and 59 gpt silver. The deposit is hosted by siltstone and argillite of the Lower Aldridge Formation, immediately below the contact with the Middle Aldridge Formation. The Sullivan deposit is interpreted to be a sedimentary exhalative (Sedex) sulphide deposit formed in a fault controlled sub basin of the Aldridge basin.

The target of exploration in the camp is focussing on the Lower-Middle Aldridge contact (LMC) for a Sullivan-type horizon (SH). Other stratigraphic horizons within the Aldridge Formation, within the Lower Aldridge, Middle Aldridge and Upper Aldridge are also receiving attention as possible hosts to massive sulphide mineralization.

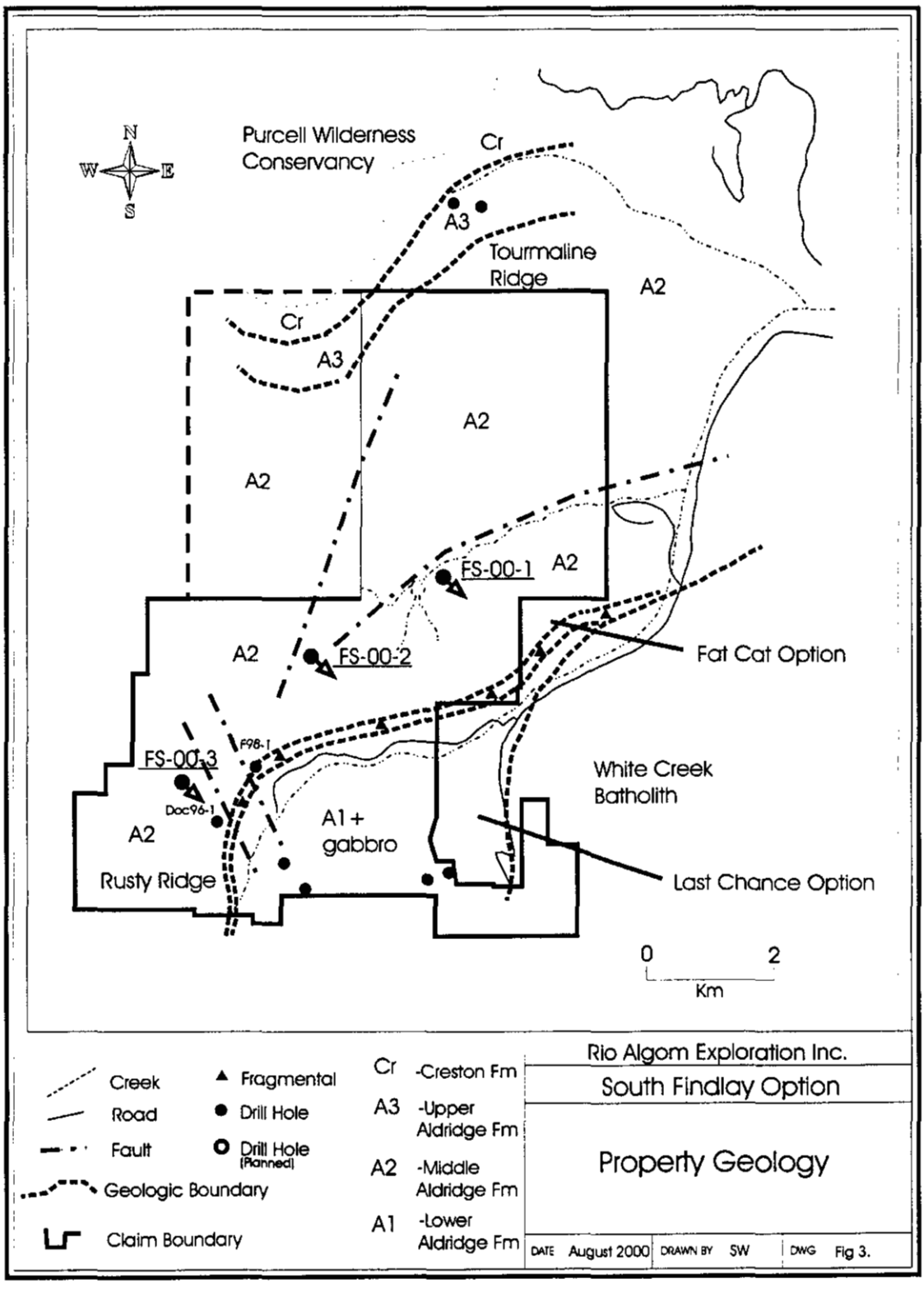
4.0 Property Geology

The property is underlain by Purcell Supergroup sediments spanning the stratigraphy from Lower Aldridge Formation in the south to Creston Formation in the north. In the southeastern corner of the property the White Creek batholith of middle Cretaceous age has intruded the Lower Aldridge Formation (Fig.3).

The LMC and associated Sullivan Horizon is exposed in the south, dipping at approximately -25° northwest underneath Middle Aldridge units. In the north, the Middle Aldridge is in conformable contact with Upper Aldridge stratigraphy. The Creston Formation conformably overlies the Upper Aldridge Formation in the same area.

Gabbroic dikes and sills have been mapped as being hosted in Lower Aldridge units in the south as well as in the central party of the property within Middle Aldridge units.

Structurally, the property is dominated by the Doctor Creek fault, trending northeast across the central parts of the property. The Doctor Creek fault and the gabbroic sills are cut and offset by northerly trending faults in the central parts of the property. Broad, open folds plunging moderately to the west and north dominate the project area.


N
W
E
S
Purcell Wilderness Conservancy
Cr
A3
Tourmaline Ridge
A2
Cr
A3
A2
A2
FS-00-1
A2
A2
FS-00-2
Fat Cat Option
FS-00-3
F98-1
Doc96-1
White Creek Batholith
A2
A1+ gabbro
Rusty Ridge
Last Chance Option
0
2
Km
Creek
Road
Fault
Geologic Boundary
Claim Boundary
Fragmental
Drill Hole
Drill Hole (Planned)
Cr -Creston Fm
A3 -Upper Aldridge Fm
A2 -Middle Aldridge Fm
A1 -Lower Aldridge Fm
Rio Algom Exploration Inc.
South Findlay Option
Property Geology
DATE August 2000
DRAWN BY SW
DWG Fig 3.

Tourmaline and/or albite alteration has been located in the southwestern sector. Here albite alteration is often associated with the gabbroic intrusives. A prominent ridge of tourmaline alteration has been identified at Tourmalinite Ridge north of the property. This alteration is hosted within Upper Aldridge sediments and is the current focus of exploration for Eagle Plains Resources Ltd.

Three mineral occurrences are noted on the property (K53, K41, K63). The mineral occurrences are hosted in Lower Aldridge stratigraphy and are associated with vein occurrences in sheeted vein complexes. The occurrences are:

K53 Silver Key Deposit (Minfile 82K SE 053)
Bedding parallel veins within quartz wacke and Moyie sills. The deposit contains disseminated galena and pyrite.

K41 St. Anthony Deposit (Minfile 82K SE 041)
Sheared meta-wacke and meta-gabbro sills host veins and disseminations of pyrite, pyrrhotite, goethite, sphalerite and chalcopyrite.

K63 Echo Lake Showing (Minfile 82K SE 063)
Veins of tungsten with sphalerite and galena mineralization.

5.0 2000 Exploration Program

5.1 Objective and Exploration Target

The target of exploration for Rio Algom Exploration Inc. on the South Findlay property is a Sullivan-type sedimentary exhalative lead-zinc sulphide deposit stratigraphically situated at the Lower Aldridge-Middle Aldridge contact. Geological information as mapped by previous workers, including more recent work by DA Brown (1998) and Kennecott Canada (1998), was utilized as a base from which follow up could be done in additional detail.

The objective of the 2000 exploration program was to test the dip extent of the LMC and examine the development of a sedimentary basin with significant zinc/lead mineralization at Sullivan time stratigraphy.

5.2 Procedure

Based on the geological mapping carried out in 1999 by Rio Algom Exploration (Weidner, 1999), three drill holes were completed between May 26 and July 20, 2000 based out of a camp located at kilometre 39 of the Doctor Creek Forest Service Road.

The drilling program was supervised in the field by Patrick M. Donnelly and assisted by Jason Kolcun and Leonard Gal. Siegfried O. Weidner of Rio Algom Exploration Inc. managed the exploration program.

Access to the camp was achieved by 4x4 truck. All three drill holes were supported by Helicopter supplied by Bighorn Helicopters of Cranbrook BC.

Beaupre Diamond Drilling Ltd., of Princeton, B.C. was contracted to supply and operate a helicopter transportable Longyear 38 drill, utilizing NQ sized drill equipment on the South Findlay property from May 24 to July 24, 2000

Stratigraphic marker samples were forwarded to Dave Pighin of Supergroup Holdings Ltd. for cutting and identification of marker stratigraphy.

Core samples were sawed and bagged at the camp before being forwarded to Eco-Tech Laboratories for ICP-28 and Au fire assay analysis (FA).

6.0 Diamond Drilling

6.1 Introduction

Drilling of the first hole commenced on May 28, 2000 and was completed on June 15, 2000. FS-00-01 is located at 5544620N 558250E at an elevation of 2260m. The hole was drilled at an inclination of -78°, on a bearing of 150° and drilled to a depth of 866.5m with 9.11m of casing. Hole FS-00-2 is located at 5543170N 555700E at an elevation of 2420m. The hole was drilled between June 17, 2000 and July 8, 2000. The inclination is-78° on a bearing of 138°, and was drilled to a depth of 1052.4m with 9.15m of casing. Hole FS-00-3 is located at 5541200N 554940E at an elevation of 2400m. This hole was drilled between July 10, 2000 and July 20, 2000. The hole was drilled at an inclination of -85°, on a bearing of 120° and was drilled to a depth of 660.1m with 19.8m of casing. Several Pajari orientation tests were performed to monitor the inclination and the azimuth of the holes during drilling. Following cessation of drilling, the casing was left in place at all three holes and all holes were capped with a metal screw-on cap.

The core was transported by helicopter to the camp. The core is stored at the residence of Mr. Bob Termuende of Eagle Plains Resources Ltd in Fort Steele.

6.2 Drilling Results

The drill logs are presented in Appendix V. Analytical results are listed in Appendix VI. The graphic drill hole sections are presented in Appendix II, Maps 5-7.

6.3 Drill Core Lithologies

Lower Aldridge (A_l)

Lower Aldridge stratigraphy was seen as thin to medium bedded very fine to fine grained quartzitic wacke, wacke, subwacke, siltstones and argillites. Fresh surfaces are light to medium

grey with characteristic rusty brown weathering surfaces due to a higher iron content in the form of iron sulphides such as pyrite and pyrrhotite. Biotite may be a prominent component in these rocks. More mud rich components such as wackes, subwackes and argillites have a tendency to be thinner bedded than the more quartz rich units such as quartzitic wackes within this formation. In core this unit manifests itself as 3cm to 12cm wide, finely laminated, dark brown, sharply contrasting, wavy bands of well graded wacke and subwacke alternating with 1cm to 5 cm wide light grey to tan sharply contrasting bands of finely laminated well graded wacke and subwacke. There is a significant amount of finely disseminated pyrrhotite and occasional pyrite in the core.

Fragmental (Fr)

A stratabound polymictic fragmental unit is situated at or near the contact of the Lower Aldridge with the Middle Aldridge Formation. The unit was mapped from the Fat Cat property in the east to the Rusty Ridge area in the west. The unit is medium to thick bedded to massive with a fine grained quartzitic wacke to siltstone matrix. Fragments are rounded to angular, varying from 1 millimetre to 12 centimetres in size and are composed primarily of mudchips with occasional siltstone, wacke, quartzitic wacke, argillite and occasional iron sulphide fragments. The fragments have diffuse siliceous margins surrounding a biotite altered core. Some fragments have a pyrrhotized core and rims. Disseminated iron sulphides weather weakly brown. Although a large variety of fragment sizes and types exist at any one outcrop, the overall quantity as well as size is increasing from east to west. This stratabound fragmental unit is believed to be stratigraphically equivalent to the Sullivan fragmental, the Vulcan showing (Minfile 082 FNE 093) and the Clair fragmental near St. Mary's Lake.

Transition Zone (Tz)

Transition zone stratigraphy refers to the intervening zone between the LMC and the lower Aldridge proper. This stratigraphic interval begins at the first encounter of consistent dark brown, biotite rich, finely laminated, well graded siltstone where there is a gradual increase in finely laminated thin bedded wackes, sub-wackes and siltstones. Thicker bedded quartz wackes and quartzitic wackes become less common. The transition zone encompasses the Sullivan horizon and it's equivalents and the upper quartzite interval that is found at the Sullivan mine, approximately 25m below the Main Band ore horizon.

Middle Aldridge (A_2)

Stratigraphy is typically thin to thick bedded with a light to medium grey weathered surface and a light grey to dark grey fresh surface. This unit consists of thick to thin bedded quartz wackes, quartzitic wackes, siltstones and argillites. Turbidite quartz wacke-siltstone couplets are common. In comparison to the Lower Aldridge sediments, the units show a lesser "mud component" as seen in lesser amounts of overall biotite and argillites. These units also show a decreased amount of disseminated iron sulphides in the form of pyrite, generally less than 0.5% by volume. Sedimentary features such as load structures, cross-bedding, rip-up clasts, slumped bedding and ball and pillow structures were also observed, usually in the siltstone layers.

Within the Middle Aldridge formation, time-stratigraphic markers are represented throughout the Aldridge basin. These marker horizons are also present in the Doctor Creek area.

Gabbro (Gb)

The Moyie intrusives as in other parts of the Aldridge Formation are seen to intrude the Lower and Middle Aldridge Formation as sills and dikes. Compositionally, these rocks have been defined as gabbro to diorite. They are dark grey to dark green and brown on fresh surfaces and more often than not display a dark grey and rusty brown weathering surface. The intrusives consist of light to dark green porphyritic medium to coarse grained chlorite, biotite, hornblende and plagioclase within a chlorite/biotite groundmass. Occasional finer grained chill margins are sometimes seen. Disseminated pyrrhotite and traces of chalcopyrite have been observed. The intrusives are non-magnetic except in cases where disseminated pyrrhotite is present.

Granophyre/Granofel (Gph)

Granophyres consist of hornfelsed sediment that occurs proximal to local gabbroic intrusions. These rocks consist of equigranular granoblastic medium grained biotite, quartz and occasional chlorite with overprinted subhedral pink medium to coarse grained garnets. This unit appears as a massive thick uniform sequence and has a paucity of relict sedimentary features.

Lamprophyre (Lp)

Dark brown to light green stratabound lamprophyres are occasionally encountered in core. These intrusive sills consist of medium grained porphyritic quartz, biotite and calcite pseudomorphs replacing subhedral to euhedral pyroxene crystals within a groundmass of strong biotite and chlorite.

6.4 Drill Hole Summaries

Summary logs for drill holes FS-00-1, FS-00-2 and FS-00-3 are presented in Tables 1,2 and 3 below.

Drill hole FS-00-1 was collared in middle Aldridge (A_2) rocks at a depth of 9.6m. From surface mapping and stratigraphic marker identification the hole was collared below Monroe time. Stratigraphic marker laminates that could not be positively matched were encountered at 291.0m (Hiawatha?), 340.5m (Hiawatha?), 439m (Lois Creek?), and 705m (unknown). The middle Aldridge rocks in this hole consist of predominantly medium to light brown distorted, convoluted laminated and thin bedded siltstones, wackes and sub-wackes. These siltstones frequently display distorted bedding, flame structures, slumping, cross bedding/laminations, dish and ball structures and 1mm to 1cm wide elongated sub-rounded mud and chert rip up clasts.

There is also a sizeable sandstone component to the middle Aldridge in the core consisting of thin to medium bedded, well sorted well rounded biotite rich quartz wackes, quartzitic wackes and wackes. Occasionally there are 10 to 30 cm wide quartz and calcite rich milky white concretions with medium grained subhedral pink garnets and biotite. Middle Aldridge lithology

predominates to a depth of 230.8m, where between 230.8m and 231.75m there is a dark brown medium grained

Table 1: Drill log summary for FS-00-1

Interval (m)	Lithology
0-9.6	Casing
9.6-230.8	Middle Aldridge (A2):Dominated by light to medium brown frequently distorted convoluted wavy
	siltstone/subwacke/argillite with flame structures, cross laminations and 2mm to 3cm wide
	elongated chert/mud chips. Siltstones tend to have randomly oriented medium grained calcite
	replacing sericite pseudomorphs. Frequently get distorted light to medium grey medium to thin
	bedded well sorted well rounded quartzitic wacke, wacke and subwacke. Sandstone units have a
	moderate to high biotite content and moderate pyrrhotite content. Pyrrhotite tends to display a
	weak to moderate fabric.
230.8-231.75	Lamprophyre Dyke:Green porphyritic strongly chloritized calcite/biotite replacing subhedral medium grained
	pyroxenes within a chlorite biotite groundmass
231.75-307.9	A2
307.9-310.3	Gabbro. Green medium to fine grained equigranular chlorite, hornblende, plagioclase and biotite
310.3-373.1	A2
373.1-376.2	Gabbro.
376.2-429.55	A2
429.55-434.2	Fault Zone; Moderate to strong shearing with strong chlorite, biotite and calcite alteration. Core is broken up and
	there is some gouge and breccia in sections. There is significant quartz veining throughout, veins are also
	and broken up.
434.2	**Middle-Lower Aldridge Contact (LMC) (Fault Contact)**
434.2-477.1	Transition zone. Begin to get more laminated siltstone, gradual change to lower Aldridge (A1)
477.1-477.9	Fragmental. With elongated pyrrhotized subrounded cherty fragments massive medium gray matrix supporting
	Wacke
477.9-482.1	Transition zone.
482.1-482.3	Fault Zone; 20cm wide healed chloritized silicified fault with breccia
482.3-725.1	A2
725.1	**Middle-Lower Aldridge Contact (LMC)**
725.1-729.6	Transition Zone
729.6-729.7	**Sullivan Horizon.** Black mudstone argillite
729.7-740.2	Transition Zone
740.2-830.2	A1. Lower Aldridge: Thin bedded/laminated well graded sharply contrasting brown and light gray bands
830.2-851.7	Gabbro
851.7-866.5	**A1**
866.5	**End of hole**

Table 2: Drill log summary for FS-00-2

Interval (m)	Lithology
0-9.15	Casing
9.15-16.2	A2:Light to medium gray thin to medium bedded normally graded biotite rich quartz wacke/quartzitic wacke, Wacke with frequent thin bedded to laminated light gray to brown frequently distorted, cross laminated
16.2-16.7	**Stratigraphic Marker Monroe Time (741m to LMC)**
16.7-147.7	A2
147.7-148.8	Gabbro: Green medium to fine grained equigranular chlorite, hornblende, plagioclase and biotite
148.8-181.0	A2
180.5-181.0	**Stratigraphic Marker Lamb Time (605m to LMC)**
181.0-214.7	A2
214.7-216.1	Gabbro
216.1-328.4	A2:Medium thin bedded quartzitic wacke with laminated siltstone
244.1-248.4	Fault Zone: Strongly foliated, chloritized, silicified, brecciated, healed fault zone
328.4-329.8	Lamprophyre Dyke: Green porphyritic strongly chloritized calcite/biotite replacing subhedral medium grained pyroxenes
329.8-423.5	A2
423.5-423.6	Gabbro.
423.6-575.4	A2
575.4-613.1	Gabbro
611.1-613.3	Fault Zone: Strongly foliated, chloritized, silicified, folded moderate shear zone
613.1-746.9	A2
746.9	**Middle-Lower Aldridge Contact (LMC)**
746.9-747.1	Fragmental. Matrix supported subrounded, elongated 1-8mm wide pyrrhotized fragments of various shapes and sizes in biotite rich wacke matrix
747.1-755.6	Transition Zone. Begin to get more finely laminated siltstones, gradational change to A1
755.6-756.1	Fragmental.
756.1-757.9	Transition Zone
757.9-762.0	Fragmental. Fragments become larger, more variation in size and shape of fragments
762.0-763.1	Transition Zone
763.1-763.3	Fragmental.
763.3-766.5	Transition Zone
766.5-766.7	Fragmental
766.7-768.6	Transition Zone
768.6-925.27	Gabbro
925.27-944.7	Transition Zone
944.7-946.5	**Mud Package "Sullivan Horizon" Massive black argillite/mudstone**
946.5-1028.0	Transition Zone
1028.0-1052.4	**Lower Aldridge (A1).** Thin bedded/laminated well graded sharply contrasting brown and light gray bands
1052.4	**End of hole**

Table 3: Drill log summary for FS-00-3

Interval (m)	Lithology
0-19.8	Casing
19.8-224.8	A2. Light to medium gray massive thick to thin bedded well sorted biotite rich quartz wacke, quartzitic wacke, wacke with med to dark brown thin bedded laminated commonly distorted convoluted cross laminated siltstone
166.7-167.8	Fault Zone strongly fractured sheared and silicified with finely disseminated euhedral pyrite
224.8-225.5	Lamprophyre Dyke. Dark brown biotite rich porphyritic with euhedral medium to coarse grained quartz replacing pyroxene pseudomorphs
225.4-247.9	A2.
247.9-248.4	Gabbro. Dark green fine to medium grained equigranular with chlorite, plagioclase and biotite, some finely disseminated pyrrhotite
248.4-263.6	A2
263.6-306.4	Granophyre/Granofels. Medium grained equigranular biotite rich hornfelsed sediment with medium grained pink garnet porphyroblasts
306.4-330.45	A2
323.3-323.8	Fault Zone. Strongly brecciated, chloritized, silicified, and sericitized fragments highly angular 1mm to 5mm in length
330.45-334.9	Granophyre/Granofels
334.9-339.25	A2
339.25-349.8	Granophyre/Granofels
349.8-368.7	A2
368.7-386.9	Granophyre/Granofels
386.9-443.9	A2
443.9	**Middle-Lower Aldridge Contact (LMC)**
443.9-445.6	Transition Zone. Begin to get more thin bedded/laminated siltstones
445.6-449.2	Gabbro
449.2-463.4	Transition Zone
463.4-464.5	Fragmental. Light brown matrix supported polymictic, fragments 1mm to 5cm long sub-rounded, elongated. Some fragments pyrrhotized
464.5-465.4	Transition Zone.
465.4-466.3	Fragmental.
466.3-466.8	Transition Zone.
466.8-467.1	Fragmental.
467.1-468.0	Transition Zone.
468.0-470.4	Fragmental.
470.4-484.4	Transition Zone.
484.4-495.3	**Mud Package. "Sullivan Horizon" Massive thick bedded black argillite/mudstone with finely laminated pyrrhotite**
495.3-515.8	Gabbro
515.8-531.6	Transition Zone. Siltstone content increases, finely laminated, well graded, high biotite content
531.6-571.33	Gabbro
571.33-624.5	Transition Zone
624.5-625.3	Gabbro
625.3-647.8	Transition Zone. Getting more finely laminated, well graded, sharply contrasting siltstones
647.8-660.1	**Lower Aldridge (A1).** Thin bedded/laminated sharply contrasting well graded siltstones
660.1	**End of Hole**

biotite chlorite rich porphyritic lamprophyre dyke. This lamprophyre has medium grained calcite and quartz pseudomorphs replacing olivine and pyroxene. The phenocrysts are concentrated in the centre of the dyke. Middle Aldridge is predominant at 231.75-307.9m, 310.3-373.1m and at 376.2-429.55m. Medium green porphyritic chlorite, hornblende, biotite, plagioclase gabbros occur at 307.9-310.3m, 373.1-376.2m, and at 830.2-851.7m. At 429.55m a fault juxtaposes middle Aldridge against transition zone sediments. At 477.1m a 80 cm wide fragmental is encountered which consists of 0.5-2cm wide sub-rounded elongated pyrrhotized polymictic fragments in a massive fine grained wacke/quartzitic wacke matrix. Between 477.9m and 482.1m is more transition zone stratigraphy that at 482.1m is in a fault contact with middle Aldridge sediments. The middle Aldridge continues to the LMC at 725.1m where it is in stratigraphic contact with transition zone sediments. The location of the LMC occurs at the first occurrence of dark brown finely laminated well graded biotite rich wacke/siltstone. Between 729.6m and 729.7m is a black uniform thin-bedded to laminated argillite/mudstone unit, which is analogous to the Sullivan horizon. The transition zone grades into lower Aldridge stratigraphy at 740.2m. A gabbro between 830.2m and 851.7m, after which the sediments are medium bedded quartzitic wackes, wackes and some laminated thin bedded siltstones of the lower Aldridge. The lower Aldridge rocks in this hole have been subjected to soft sediment folding and deformation.

Numerous fine chlorite, calcite, quartz, biotite and pyrrhotite fractures occur throughout. Fractures are ubiquitous throughout the core and are both straight and irregular with fuzzy outlines and altered envelopes (chlorite, sericite, etc). Fractures and veinlets (quartz, and/or calcite) with chlorite, biotite, sericite and sulfides (mostly pyrrhotite, pyrite, chalcopyrite, sphalerite and galena) are generally thin (<1cm). Chloritic shears and chlorite-clay-graphite gouge zones were small and uncommon. Significant faults and gouge zones were encountered at 429.6m and 482.1m. Bedding to core axis angles ranged between 65° and 87°.

Drill hole FS-00-2 was collared in middle Aldridge (A_2) rocks at a depth of 9.15 m. At 16.2m 50cm of Monroe marker was encountered. A marker was also identified at 180.5m and it was determined to be at Lamb time. Other marker laminates were found at 40.0m (Park?), 135.6m (Lois Creek? or Park?), 165.8m (Hiawatha?), 173.0m (Hiawatha?) 206.0m (Hiawatha?) and 316.11m (Lois Creek?).

Between 9.15-147.7m, 148.8-214.7m, 216.1-328.4m, 329.8-423.5m, 423.6-575.4m, 613.1-744.0m the rocks consisted of mostly medium to thick bedded quartz wackes, quartzitic wackes and wackes that contain moderate amounts of finely disseminated pyrrhotite and biotite. The disseminated pyrrhotite usually displayed a weak to moderate fabric. The medium to thick sequences of sandstones are separated by thin bedded to laminated light to dark brown siltstones, subwackes and argillites. The thin bedded and laminated units frequently display rapid deposition sedimentary features such as convoluted bedding, cross bedding/cross laminations, flame structures, soft sediment folds and chert/mud/tourmaline rip up clasts. Randomly oriented medium grained calcite replacing sericite pseudomorphs are often found overprinting the siltstones. 10-30 cm wide quartz/albite concretions with medium grained anhedral to subhedral pink garnets and biotite are often found in the middle Aldridge rocks. At 451m the amount of sericite alteration in the core increased significantly. This is concentrated in the thin bedded laminated siltstone/sub-wacke units. The high sericite alteration continued until the gabbro unit at 768.6m was encountered.

Numerous fine chlorite, calcite, quartz, biotite and pyrrhotite fractures occur throughout. Fractures are ubiquitous throughout the core and are both straight and irregular with fuzzy outlines and altered envelopes (chlorite, sericite, etc). Fractures and veinlets (quartz, and/or calcite with chlorite, biotite, sericite and sulfides (mostly pyrrhotite, pyrite, chalcopyrite, sphalerite and galena) were generally thin (<1cm). Chloritic shears and chlorite-clay-graphite gouge zones were small and uncommon. A 4.3m healed fault zone is located at 244.1m. The zone is marked by strong foliation, brecciation with quartz (+/- albite) as well as chlorite alteration.

The LMC was placed at 744.0m, although the contact is quite gradational. The contact is marked by a consistent increase of dark brown well graded laminated biotite rich wacke/siltstone, which indicates a facies change into a more quiescent sedimentary environment. Fragmentals are encountered between 746.9-741.1m, 755.6-756.1m 757.9-762.0m, 763.1-763.3m, and at 766.5-766.7m. These fragmentals consist of 1mm to 5cm long elongated sub-rounded to sub-angular sub-parallel polymictic chert and mud fragments within a matrix supported wacke/sub-wacke. Most of the fragments have sericite and biotite alteration, with the occasional pyrrhotized fragment. At 925.27m the transition zone sediments grade into fine grained finely laminated well graded biotite rich siltstone with finely laminated pyrrhotite. Between 944.7-946.5m a massive black argillite unit is encountered with bands of finely laminated pyrrhotite. This unit is stratigraphically situated at Sullivan time. Consistent typical lower Aldridge sediments are encountered at 1028.0m. The lower Aldridge consists of alternating brown and off white/tan 3-12cm wide sharply contrasting bands of finely laminated, well graded, often convoluted siltstone/sub-wacke. Much of the siltstone has been altered to sericite and biotite.

Bedding was generally consistent ranging from 75° to 90° to the core axis. Gabbro was encountered at 147.7-148.8m, 214.7-216.1m, 423.5-423.6m, 575.4-613.1m and 768.6-925.27m. A thin porphyritic lamprophyre dyke, that appears stratabound, was encountered at 328.4-329.8m.

Drill hole FS-00-3 was collared in middle Aldridge at a depth of 19.8m. One marker laminate that could not be matched to a standard was encountered at a depth of 74.0m (Lois Creek?). Between 19.8 - 224.8m, 225.4-263.6m, 306.4-330.45m, 334.9-339.25m, 349.8-368.7m and 386.9-443.9m the core displayed typical middle Aldridge stratigraphy. These sediments consist of light to medium gray, medium to thick bedded moderately sorted/rounded biotite rich quartz wackes, quartzitic wacke, wacke and sub-wackes with occasional local 10-30 cm wide bands of milky white quartz and calcite rich concretions with medium grained subhedral pink garnets and biotite. The thicker sandstones are separated by medium to dark brown thin bedded and laminated usually convoluted and distorted siltstones and sub-wackes. The siltstones usually displayed flame structures, 1-5mm wide elongated flattened mud/chert rip up clasts, dish and ball structures, convoluted bedding/laminations and cross bedding/cross laminations. Occasionally the siltstones have moderate sericite alteration, especially when proximal to a gabbro. Frequently the siltstone units are more prevalent than the sandstones in the core. At 224.8-225.4m a dark brown porphyritic lamprophyre dyke was encountered which consisted of euhedral medium to coarse grained quartz replacing pyroxene pseudomorphs with a matrix supporting groundmass of chlorite, biotite and calcite. The lamprophyre is more fine grained at its margins. Between 263.6-306.4m, 330.45-334.9m, 339.25-349.8m and 368.7-386.9m is a thick, medium grained, massive, equigranular biotite, chlorite and quartz granophyre or hornfelsed sediment with pink medium to

coarse grained subhedral pink garnets. Green porphyritic hornblende, chlorite, biotite and plagioclase gabbros are encountered at 445.6-449.2m, 493.5-515.8m, 531.6-571.33m and at 624.5-625.3m.

The LMC was placed at 443.9m based on the first appearance of dark brown biotite rich well graded, finely laminated siltstone beds. After this point the core starts a gradual change to more thin bedded/laminated siltstone sub-wackes. The transition zone between middle and lower Aldridge goes from 443.9 to 445.6m, where gabbro is encountered, and continues from 449.2 to 463.4m. Between 463.4 to 464.5m is a light brown matrix supported crowded polymictic fragmental. The fragments are rounded to sub-rounded, elongated, flattened and range in size from 1mm to 5cm. The fragments are composed of chert and mud, and have weak to moderate sericite and biotite alteration. Some of the fragments have pyrrhotized cores. At 464.5-466.3m is a medium brown finely laminated siltstone. More fragmental is encountered at 464.5-465.4m, 466.8-467.1m and at 468.0-470.4m. Between 484.0-495.3m is a black massive argillite, which is stratigraphically equivalent to the Sullivan horizon. After the gabbro at 495.3-515.8m, there was more transition zone sediments consisting of finely laminated biotite rich siltstones/wackes. Another gabbro was encountered at 531.6-571.33m. Below this gabbro more transition zone sediments consisting of medium bedded quartz wackes, wackes and sub-wackes and thick sections of thin bedded/laminated siltstones and argillites are encountered. At 647.8m lower Aldridge stratigraphy was seen consisting of sharply contrasting wavy bands of light and medium grey finely laminated and well graded siltstone.

For the most part core to bedding angles are consistent ranging from 65°- 80°.

Numerous fine chlorite, calcite, quartz, biotite and pyrrhotite fractures occur throughout. Fractures are ubiquitous throughout the core and are both straight and irregular with fuzzy outlines and altered envelopes (chlorite, sericite, etc). Fractures and veinlets (quartz, and/or calcite with chlorite, biotite, sericite and sulfides (mostly pyrrhotite, pyrite, chalcopyrite, sphalerite and galena) were generally thin (<1cm). A fault zone was encountered between 323.3-323.8m consisting of a 50cm wide breccia zone with strong chlorite, biotite and sericite alteration. The breccia fragments are highly angular and measured 1mm to 5cm in diameter. At 363.8m a 5cm wide silicified moderate shear was encountered.

6.5 Drill Core Geochemistry Results

A total of 385 samples were split with a diamond saw, with half of the interval sent to Eco-Tech Laboratories in Kamloops, B.C. for 28 element ICP analysis and gold by fire assay. Drill hole FS-00-1 accounted for 118 samples, drill hole FS-00-2 accounted for 162 samples and drill hole FS-00-3 accounted for 105 samples. Sampling was oriented toward the silty, laminated horizons that were thought to be more prospective for anomalous base metal mineralization in Middle Aldridge and Lower Aldridge stratigraphy. Much of the transition zones (Sullivan stratigraphy) were sampled on continuous 1-2 metre intervals as well as any black argillaceous mudstone intervals. Veins and other mineralized structures were also sampled, as well as more unaltered rocks to serve as a baseline for geochemical values.

Based on regional exploration, previous drilling as well as from suggestions of other workers/consultants who have worked in the Aldridge stratigraphy, values of >200 ppm zinc and >40ppm lead are considered anomalous and noteworthy, provided it can be shown that they are associated with favourable stratigraphy.

In drill hole FS-00-1 base metal values of copper, lead and zinc are, on average, below anomalous values in the favourable stratigraphy. Zinc values range from 34 ppm zinc to 38,000 ppm zinc (3.8%), lead values range from 4ppm lead to 486 ppm lead and copper values from 8 ppm copper to 321 ppm copper.

For zinc, eleven samples assayed greater than 100 ppm, 2 samples greater than 200 ppm, one sample 500 ppm, one sample greater than 2000 ppm and one sample at 3.8% zinc. All results greater than 300 ppm zinc are related to mineralization in disseminated form, blebs or patches within quartz veins. Within Sullivan-type stratigraphy, immediately below LMC to the beginning of classic Lower Aldridge stratigraphy, one sample (#16319) assayed 260 ppm over 1.4m. The zone is not bracketed by any anomalous results. All elevated lead as well as copper numbers correlate well to the vein and fracture related results for zinc.

In drill hole FS-00-2 the base metal values of copper, lead and zinc were also low to moderately anomalous. Results in zinc varied from a low of 13 ppm zinc to 1111 ppm zinc, in lead from 4ppm lead to 754 ppm lead and in copper from 1ppm to 1450 ppm copper. Thirty-seven samples gave results of greater than 100 ppm zinc, one sample greater than 200 ppm, one sample greater than 400 ppm , two samples greater than 400ppm zinc, one sample greater than 700 ppm zinc and one sample greater than 1000 ppm zinc.

Lead values range from 4ppm lead to a high of 754 ppm lead. Four samples assayed greater than the anomalous threshold of 40 ppm lead considered for the project, three samples greater than 50 ppm lead, three samples greater than 60 ppm lead and two anomaly highs of 440 ppm lead and 754 ppm lead. The lead values greater than 200ppm lead are associated with quartz and quartz/carbonate veins and fractures. Within the Sullivan-type stratigraphy, one lead value gave a value of 158 ppm lead. Zinc in this interval is below 200 ppm zinc.

Copper values range from 3 ppm copper to 1450 ppm copper. All anomalous values are related to chalcopyrite mineralization associated with pyrrhotite in quartz veins and fractures.

In hole FS-00-3 base metal values for copper, lead and zinc ranged range from low to moderately anomalous. Zinc values range from 12 ppm zinc to 4419 ppm zinc. The highest zinc value, it is associated with a copper high of 337 ppm copper, is located in a vein hosted by a laminated siltstone. All remaining zinc values are below the anomalous threshold. Lead results range from 6ppm lead to a high of 144 ppm lead. In total only 5 samples are greater than 40 ppm lead with only one sample of 88 ppm lead located in the Sullivan-type stratigraphy. Zinc in this interval is reported as 114 ppm zinc.

The analytical results did not reveal any significant precious metal anomalies.

6.0 Summary and Conclusions

During the summer 2000 field season three diamond drill holes were completed to test the down dip extension of the LMC and to intersect Sullivan horizon equivalents that may host lead-zinc mineralization. This drilling was based on the 1999 mapping and prospecting program that was carried out to confirm the property geology and delineate the Lower Aldridge-Middle Aldridge contact (LMC) at surface. The three holes were spaced approximately two kilometres apart along the strike of the LMC. Drill hole FS-00-1 was drilled to a depth of 866.5m and encountered the LMC at 725.1m. In drill hole FS-00-1 fault bounded transition zone stratigraphy was found between 429.55m and 482.1m with an intervening fragmental between 477.1m and 477.9m. Drill hole FS-00-2 was drilled to a depth of 1052.4m and encountered the LMC at 746.9m. Drill hole FS-00-3 was drilled to a depth of 660.1m and encountered LMC at 443.9m. Fragmental units consisting of polymictic conglomerates with some pyrrhotized clasts were encountered just below the LMC in all three holes. Mud/argillite units were encountered at stratigraphic time equivalent Sullivan horizons in all three holes, with the geochemical analysis only revealing weak to moderately anomalous lead and zinc values in this unit. All three holes were terminated when Lower Aldridge stratigraphy was encountered.

None of the three holes revealed any significant anomalous base metal mineralization of a SEDEX character that would allow for a vector towards a more mineralized part of the basin to be established. No other untested targets of a Rio Algom nature exist on this property. The LMC thins out to the northeast and is bounded by the Purcell Wilderness Conservatory to the west. In the north the stratigraphy is too high and in the south is bounded by the White Creek Batholith. Therefore, not enough room remains on this property to host a Sullivan type sedimentary exhalative deposit of a size and tonnage that is required by Rio Algom.

No further work on this property is recommended.

7.0 References

Brown, D.A. and Termuende, T. (1998): The Findlay Industrial Partnership Project; Geology and mineral occurrences of the Findlay-Doctor Creek areas; southeastern British Columbia; Geological Field Work 1997, Paper 1998-1, British Columbia Ministry of Energy and Mines

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Scale 1:50,000, British Columbia Ministry of Energy and Mines

Coombes, S. and Zuran, R.J. (1999): 1998 Geological, geochemical, geophysical and diamond Drilling; Assessment report on the Findlay Creek option, February 01, 1999-11-08

Hoy, T. (1992): Geology of the Purcell Supergroup in the Fernie west-half map area; Southeastern British Columbia (82GW1/2), British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 84

Reesor, J.E. (1954): Findlay Creek map area, British Columbia (82K/1), Geological Survey of Canada, Paper 53-54

Termuende, T. (1998): Assessment report for the Fat Cat claim block, Golden Mining Division, BC, NTS 82K/1E

Weidner, S.O. (1999): Geological Evaluation of the South Findlay option property, Golden Mining Division, BC, NTS 082K/01

7.0 Statements of Qualifications

Patrick M. Donnelly

I, Patrick M. Donnelly, of Richmond, British Columbia, do hereby certify that:

- I am a Geoscientist in Training (Member # 133095) registered in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.
- I have been engaged in geological work more or less continuously since 1996 in North America
- I am a graduate of the University of British Columbia, with a BSc. (Honours) in Geology (1999)
- 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 27th day of September, 2000

Patrick M. Donnelly B.Sc (Hon), GIT

Siegfried Weidner

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

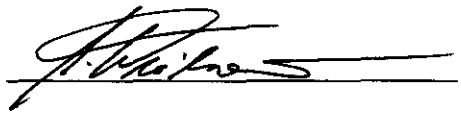
1) I am a Senior Geologist employed by Ro Algom Exploration Inc. with an office located at #900-409 Granville Street, Vancouver, British Columbia, Canada, V6C-1T2

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 South Findlay Option property.

Dated: September 27th, 2000



Siegfried O. Weidner
Senior Geologist, Rio Algom Exploration Inc.

9.0 Statement of Expenditures

The following expenses were incurred on the South Findlay Option property during the period of May 01, 2000 to August 31, 2000:

Personnel		
Leonard Gal, P.Geo*	31 days @ $300/day	$ 9,300
Patrick Donnelly*	77 days @$175/day	$ 13,475
Lloyd Addie, Assistant	6 days @ $197/day	$ 1,182
Jason Kolcun, Assistant	43 days @ $155/day	$ 6,665
Siegfried Weidner**	25 days @ $350/day	$ 8,750
HO Supervison and Benefits		$ 3,933
Airfares/Fees		
Vancouver – Cranbrook	4 return @ $ 700/return	$ 2,865
Accommodation		
Hotels (S.Weidner,L.Gal,P.Donnelly)		$ 578
Meals/Entertainment		$ 789
Groceries		$ 178
Field Supplies		
Radio/Telephone rentals, consumables, maps, reports, Camp supplies and repairs (generator etc.)		$ 22,013
Ground Transportation		
Truck Rental (long tern)	71 days @ $110/day	$ 7,810
Car/Truck Rental (short term)	21 days @ $ 60/day	$ 1,280
Gasoline, Tire Repair etc		$ 1,216
Helicopter Charter		
Bighorn Helicopters, Cranbrook	Drill moves and crew changes	$ 144,318
Bulldozing/Camp Mob/Demob		
Access road preparation (Cranbrook Forest Services)		$ 1,587
Camp Mob/Demob (Toklat Resources)		$ 5,121
Consultants		
Supergroups Holdings Ltd.		$ 3,305
Consultant P. Ransom		$ 764
Consultant W. Choquette		$ 60
Drilling		
Beaupre Diamond Drilling Ltd.		$ 178,998
Analytical		
Eco-Tech Laboratories, Kamloops		$ 6,968
Miscellaneous		
Drafting/Reproductions		$ 450
Total		**$ 421,605**

*Field administration, logging (mapping), report writing and interpretation
**Program administration, supervision, reporting and interpretation (January-August,2000)

APPENDIX I

Property Claim Dispositions

EAGLE PLAINS RESOURCES/RIO ALGOM

South Findlay Project

Claim Schedule

Project	Location	Ownership	Option/ Anniversary	NSR %	Tenure Number	Claim Name	Map Number	Expiry Date	Mining Division	Units	Tag Number
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371698	DOC 61	082K01E	20101120	6 Golden	1	690261M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371699	DOC 62	082K01E	20101120	6 Golden	1	690262 M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371700	DOC 63	082K01E	20101120	6 Golden	1	690263M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371701	DOC 64	082K01E	20101120	6 Golden	1	690264M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371702	DOC 65	082K01E	20101120	6 Golden	1	690265M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371703	DOC 66	082K01E	20101120	6 Golden	1	690266M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371704	DOC 67	082K01E	20101120	6 Golden	1	690267M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371705	DOC 68	082K01E	20101120	6 Golden	1	690268M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371706	DOC 69	082K01E	20101120	6 Golden	1	690269M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371707	DOC 70	082K01E	20101120	6 Golden	1	690270M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371708	DOC 71	082K01E	20101120	6 Golden	1	690271M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371709	DOC 72	082K01E	20101120	6 Golden	1	690272M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371710	DOC 73	082K01E	20101120	6 Golden	1	690273M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371711	DOC 74	082K01E	20101120	6 Golden	1	690274M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371712	DOC 75	082K01E	20101120	6 Golden	1	690275M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371713	DOC 76	082K01E	20101120	6 Golden	1	690276M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371714	DOC 77	082K01E	20101120	6 Golden	1	690277M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371715	DOC 78	082K01E	20101120	6 Golden	1	690278M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371716	DOC 79	082K01E	20101120	6 Golden	1	690279M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371717	DOC 80	082K01E	20101120	6 Golden	1	690280M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371718	DOC 81	082K01E	20101120	6 Golden	1	690281M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371719	DOC 82	082K01E	20101120	6 Golden	1	690282M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371720	DOC 83	082K01E	20101120	6 Golden	1	690283M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371721	DOC 84	082K01E	20101120	6 Golden	1	690284M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371722	DOC 85	082K01E	20101120	6 Golden	1	690285M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371723	DOC 86	082K01E	20101120	6 Golden	1	690286M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371724	DOC 87	082K01E	20101120	6 Golden	1	690287M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371725	DOC 88	082K01E	20101120	6 Golden	1	690288M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371726	DOC 89	082K01E	20101120	6 Golden	1	690289M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371727	DOC 90	082K01E	20101120	6 Golden	1	690290M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371728	DOC 91	082K01E	20101120	6 Golden	1	690291M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371729	DOC 92	082K01E	20101120	6 Golden	1	690292M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371730	DOC 93	082K01E	20101120	6 Golden	1	690293M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371731	DOC 94	082K01E	20101120	6 Golden	1	690294M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371732	DOC 95	082K01E	20101120	6 Golden	1	690295M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371733	DOC 96	082K01E	20101120	6 Golden	1	690296M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371734	DOC 97	082K01E	20101120	6 Golden	1	690297M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371735	DOC 98	082K01E	20101120	6 Golden	1	690298M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371736	DOC 99	082K01E	20101120	6 Golden	1	690299M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	371737	DOC 100	082K01E	20101120	6 Golden	1	690300M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340989	DOC 7	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340990	DOC 8	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340991	DOC 9	82F16/82K1	20101120	6 Golden	1	

EAGLE PLAINS RESOURCES/RIO ALGOM

South Findlay Project

Claim Schedule

Project	Location	Ownership	Option/ Anniversary	NSR %	Tenure Number	Claim Name	Map Number	Expiry Date	Mining Division	Units	Tag Number
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340996	DOC 10	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340997	DOC 11	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340998	DOC 12	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339906	FIN21	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339907	FIN22	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340423	FIN23	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340424	FIN24	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340425	FIN25	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340426	FIN26	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340427	FIN27	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340428	FIN28	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340429	FIN29	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340430	FIN30	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340431	FIN31	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340432	FIN32	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340433	FIN33	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340434	FIN34	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	341800	DOC 17	82F16/82K1	20101120	6 Golden	20	230956
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	341801	DOC 18	82F16/82K1	20101120	6 Golden	20	230957
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	341802	DOC 19	82F16/82K1	20101120	6 Golden	20	230958
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	341803	DOC 20	82F16/82K1	20101120	6 Golden	20	230959
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	335994	CORE 1	82F16/82K1	20101120	Ft. Ste/Gdn	12	214312
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	335995	CORE 2	82F16/82K1	20101120	Ft. Ste/Gdn	9	214302
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339859	FIN3	82F16/82K1	20101120	6 Golden	20	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339899	FIN14	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339900	FIN15	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339901	FIN16	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339902	FIN17	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339903	FIN18	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339904	FIN19	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	339905	FIN20	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340983	DOC 1	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340984	DOC 2	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340985	DOC 3	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340986	DOC 4	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340987	DOC 5	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	2% Downie	340988	DOC 6	82F16/82K1	20101120	6 Golden	1	
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	341796	DOC 13	82F16/82K1	20101120	6 Golden	9	230952
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	341797	DOC 14	82F16/82K1	20101120	6 Golden	12	230953
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	341798	DOC 15	82F16/82K1	20101120	6 Golden	18	230954
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	341799	DOC 16	82F16/82K1	20101120	6 Golden	18	230955
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	356084	TOR 2	082K01E	20101120	6 Golden	3	230969
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	356085	TOR 1	082K01E	20101120	6 Golden	1	230968

EAGLE PLAINS RESOURCES/RIO ALGOM

South Findlay Project

Claim Schedule

Project	Location	Ownership	Option/ Anniversary	NSR %	Tenure Number	Claim Name	Map Number	Expiry Date	Mining Division	Units	Tag Number
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	363735	OCT 1	082K01E	20101120	6 Golden	6	673088M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	363736	OCT 2	082K01E	20101120	6 Golden	6	673089M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	363737	OCT 3	082K01E	20101120	6 Golden	1	673090M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	363738	OCT 4	082K01E	20101120	6 Golden	1	673093M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	365399	OCT 6	082K01E	20101120	6 Golden	1	673095M
South Findlay	S.E. B.C.	100% EPL	Rio Al/Sept 01	N/A	365400	OCT 5	082K01E	20101120	6 Golden	1	673094M
					92					271	

Updated: September 27, 2000

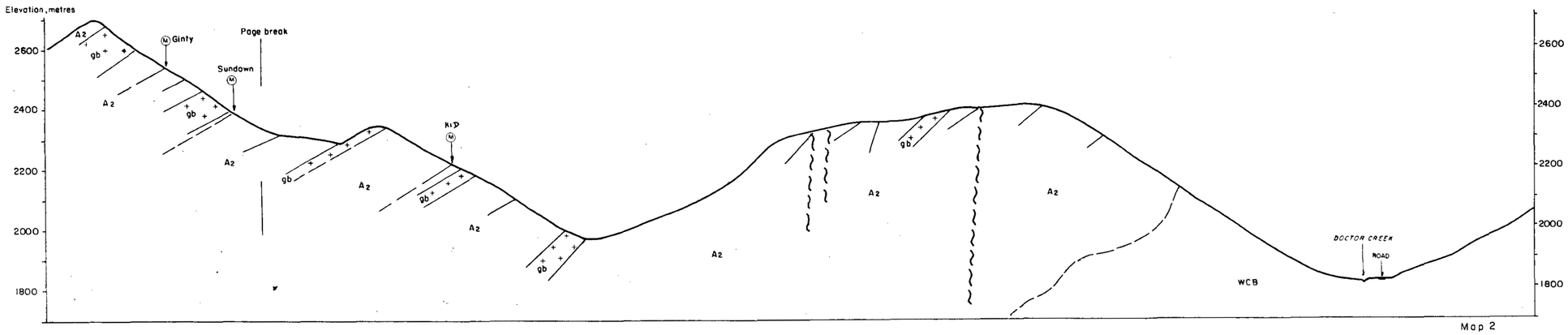
APPENDIX II

Geology Maps and Sections


50:08:09 N
116:16:24.10 W
50:08:09 N
116:07:31.60 W
554000
556000
558000
560000
562000
5552000
5550000
5548000
N
S
E
W
LEGEND
GEOLOGIC UNITS
TERTIARY
lamp Lamprophyre dike
CRETACEOUS
WCB White Creek Batholith (Biotite monzogranite)
MIDDLE PROTEROZOIC
CR Creston Formation (Light green-grey siltstone, mudstone, argillite)
A3 Upper Aldridge Formation (Mid to dark grey rusty argillite and siltstone)
A2 Middle Aldridge Formation (Light grey wackes, quartz wackes, siltstone, argillite)
frg Fragmental Unit (Siltstone fragmental at lower-middle Aldridge contact)
A1 Lower Aldridge Formation (Light to medium grey, rusty weathering siltstone, quartzitic wacke and wacke)
gb Gabbro (Moyie intrusives - fine grained to medium grained sills and dikes complexes)
SYMBOLS
Bedding
Foliation
Fault
Geological contact
Outcrop
Floats
Laminite location and stratigraphic markers
519 Station location
07473 Analytical sample site
Drill hole location
Camp
Logging road
ABBREVIATIONS
chl Chlorite
ser Sericite
qtz Quartz
vnlet Veinlet
tur Tourmaline
flt Float
PURCELL WILDERNESS CONSERVANCY
BC 7820
BC 4229
BC 4228
BCB 91125
BCB 91122
BCB 91123
DOC 23 351386
DOC 32 330868
DOC 21 351384
DOC 22 351385
DOC 30 351405
DOC 29 351404
DOC 28 351403
DOC 27 351402
DOC 26 351401
DOC 25 351400
DOC 24 351399
DOC 82 371719
DOC 81 371718
DOC 79 371716
DOC 80 371717
DOC 84 371721
DOC 83 371720
DOC 77 371714
DOC 78 371715
DOC 86 371723
DOC 85 371722
DOC 75 371712
DOC 76 371713
DOC 88 371725
DOC 87 371724
DOC 73 371710
DOC 74 371711
DOC 90 371727
DOC 89 371726
DOC 71 371708
DOC 92 371729
DOC 91 371728
DOC 69 371706
371707
DOC 19 341802
DOC 20
Shrink Lake
Creek
CR
A3
A2
Rio Algom Exploration Inc.
VANCOUVER
South Findlay Project
North Sheet
PROPERTY GEOLOGY
British Columbia, Canada
Author: SW
Date: AUG. 2000
NTS: 82 K
Drawn by: SW/Chong
Appendix 2
Map 1A
Projection: NAD83, UTM11
Scale: 1:10,000
kilometres
DIGITAL MAPPING BY:
INTERIOR REFORESTATION CO. LTD.
P.O. BOX 874 CRANBROOK B.C. V1C 4J6
PHONE NO. 426-5300 FAX NO. 426-5311
F: 99ALGO01\NFINDLAY.DGN
50:04:13.10 N
116:16:24.10 W
26,310


50:04:09.40 N
116:16:28.20 W
50:04:09.40 N
116:07:35.90 W
49:59:44.40 N
116:16:28.20 W
49:59:44.40 N
116:07:35.90 W
554000
556000
558000
560000
562000
5546000
5544000
5542000
5540000
N
S
E
W
L 4596
DOCTOR PK.
WCB
WHITE CREEK BATHOLITH
FRAGMENTAL
Doctor
LOWER ALDRIDGE STRATIGRAPHY WITH GABBRO SILL AND DIKE COMPLEXES
Echo Lake
LAST CHANCE
DOC 94 371731
DOC 93 371730
DOC 67 371704
DOC 68 371705
DOC 96 371733
DOC 95 371732
DOC 65 371702
DOC 98 371735
DOC 97 371734
DOC 100 371737
DOC 99 371736
DOC 61 371698
FATCAT 3 344634
FATCAT 2 344633
FIN 27 340427
FIN 28 340428
FIN 33 340433
FIN 25 340425
FIN 26 340426
FIN 31 340431
FIN 32 340432
FIN 23 340423
FIN 24 340424
FIN 29 340429
FIN 17 339900
FIN 16 339901
DOC 1 340983
DOC 2 340984
DOC 4 340986
DOC 6 340988
DOC 10 340996
DOC 12 340998
BCB 91123
BCB 91122
BCB 91132
BC 4227
BC 4188
BC 7819
DDH FS-00-1 (Rio Algom, 2000)
DDH FS-00-2 (Rio Algom, 2000)
DDH FS-00-3 (Rio Algom, 2000)
DDH DOC 96-01
A2
A1
D'
FOR LEGEND SEE NORTH SHEET
Rio Algom Exploration Inc.
VANCOUVER
South Findlay Project
South Sheet
PROPERTY GEOLOGY
British Columbia, Canada
Author: S.W.
Date: AUG. 2000
NTS: 82 K
Drawn by: SW/Chong
Appendix 2
Projection: NAD83, UTM11
Map 1B
Scale: 1:10,000
0 0.1 0.2 0.3 0.4 0.5 1.0 1.5
kilometres
DIGITAL MAPPING BY:
INTERIOR REFORESTATION CO. LTD.
P.O. BOX 874 CRANBROOK B.C. V1C 4J6
PHONE NO. 426-5300 FAX NO. 426-5311
F: 99ALG001\SFINDLAY.DGN

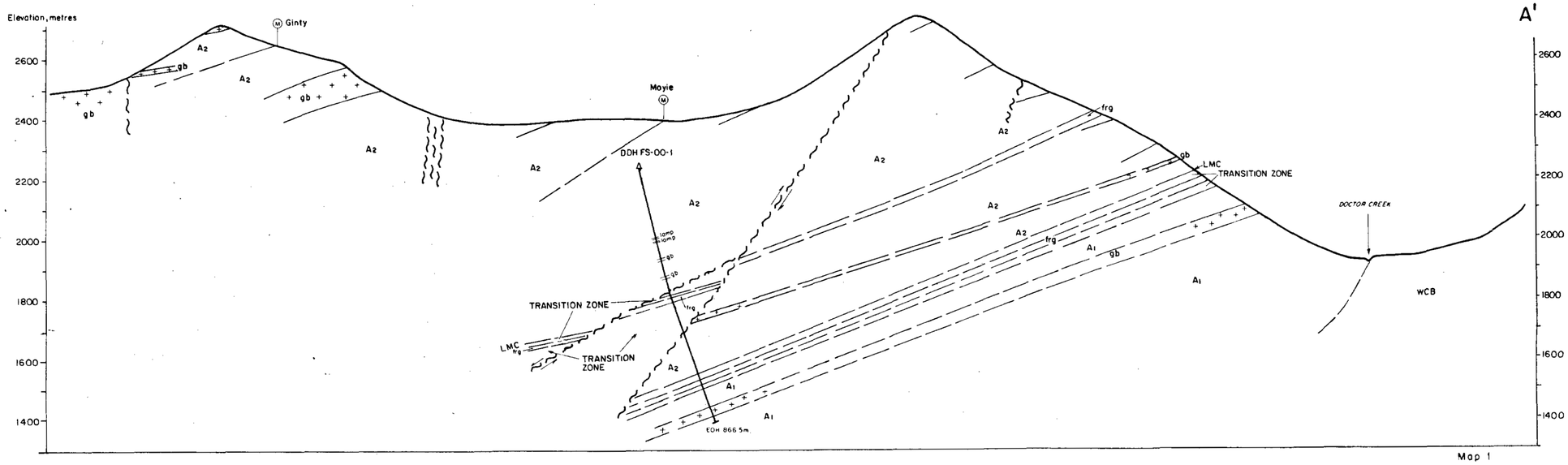
B



B'

Map 2

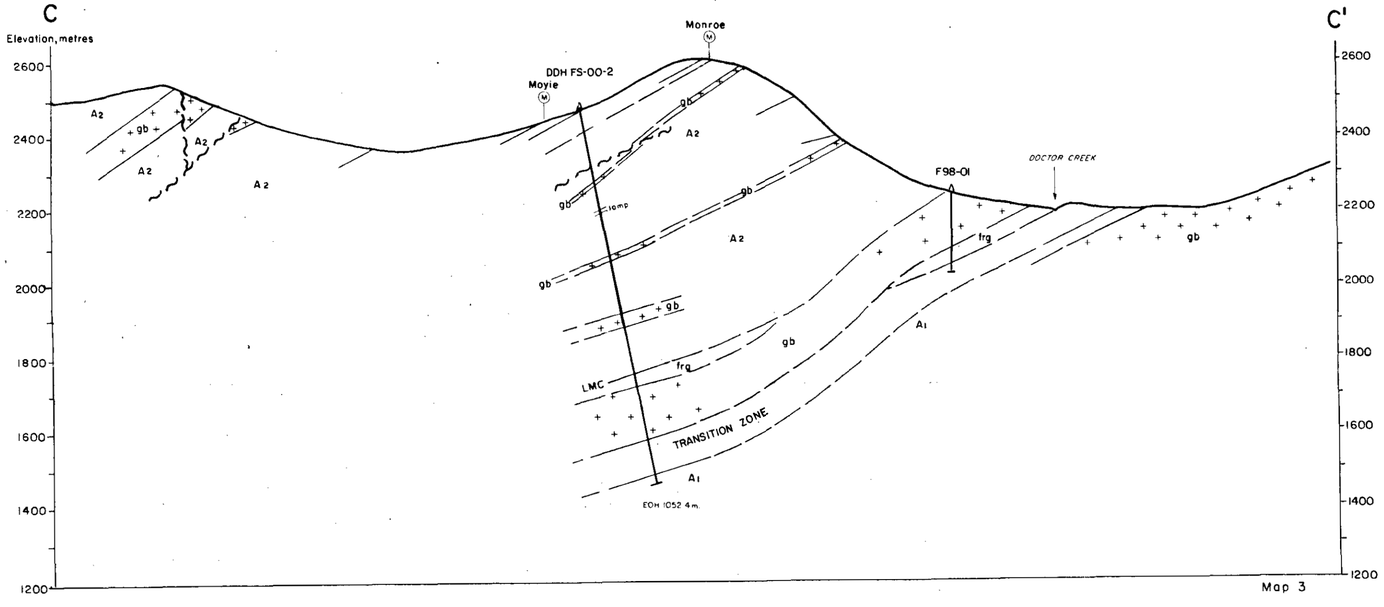
A



A'

Map 1

C



C'

Map 3

LEGEND

TERTIARY

- lamp — Lamprophyre dike

CRETACEOUS

- WCB — White Creek Batholith (Biotite monzogranite)

MIDDLE PROTEROZOIC

- CR — Creston Formation (Light green-grey siltstone, mudstone, argillite)
- A_3 — Upper Aldridge Formation (Mid to dark grey rusty argillite and siltstone)
- A_2 — Middle Aldridge Formation (Light grey wackes, quartz wackes, siltstone, argillite)
- frg — Fragmental Unit (Siltstone fragmental at lower - middle Aldridge contact)
- A_1 — Lower Aldridge Formation (Light to medium grey, rusty weathering siltstone, quartzitic wacke and wacke)
- gb_m — Gabbro (Moyie Intrusives – fine grained to medium grained sills and dike complexes)

Geological contact

Fault

Bedding

Laminite location and stratigraphic markers

Drill hole

For location of sections see Property Geology (Map1A, B)

SCALE 1:10,000

0 300 600 metres

Rio Algom Exploration Inc.

SOUTH FINDLAY PROJECT

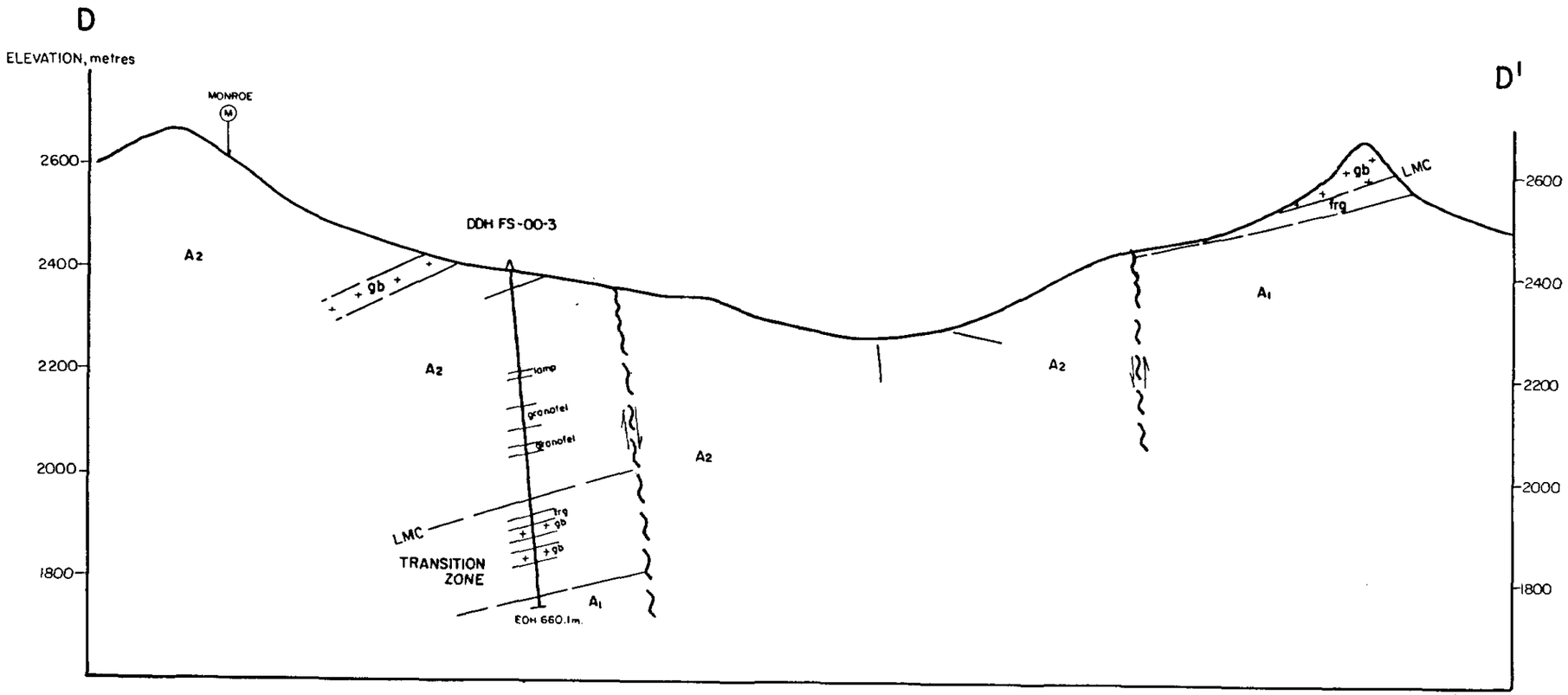
GEOLOGICAL CROSS SECTIONS A, B & C

LOOKING NE

N.T.S. 82K-1 GOLDEN M.D., B.C.

DATE	DRAWN BY	APPENDIX 2
AUG. 2000	S.W. / Chong	MAPS 1-3

CHONG



LEGEND

TERTIARY

- lamp — Lamprophyre dike

CRETACEOUS

- WCB — White Creek Batholith (Biotite monzogranite)

MIDDLE PROTEROZOIC

- CR — Creston Formation (Light green-grey siltstone, mudstone, argillite)
- A3 — Upper Aldridge Formation (Mid to dark grey rusty argillite and siltstone)
- A2 — Middle Aldridge Formation (Light grey wackes, quartz wackes, siltstone, argillite)
- frg — Fragmental Unit (Siltstone fragmental at lower-middle Aldridge contact)
- A1 — Lower Aldridge Formation (Light to medium grey, rusty weathering siltstone, quartzitic wacke and wacke)
- +gb+ — Gabbro (Moyie Intrusives – fine grained to medium grained sills and dike complexes)

Geological contact

Fault

Bedding

Laminite location and stratigraphic markers

Drill hole

For location of sections see Property Geology (Map 1A, B)

SCALE 1:10,000

0 300 600 metres

Rio Algom Exploration Inc.

SOUTH FINDLAY PROJECT

GEOLOGICAL CROSS SECTION D

LOOKING NE

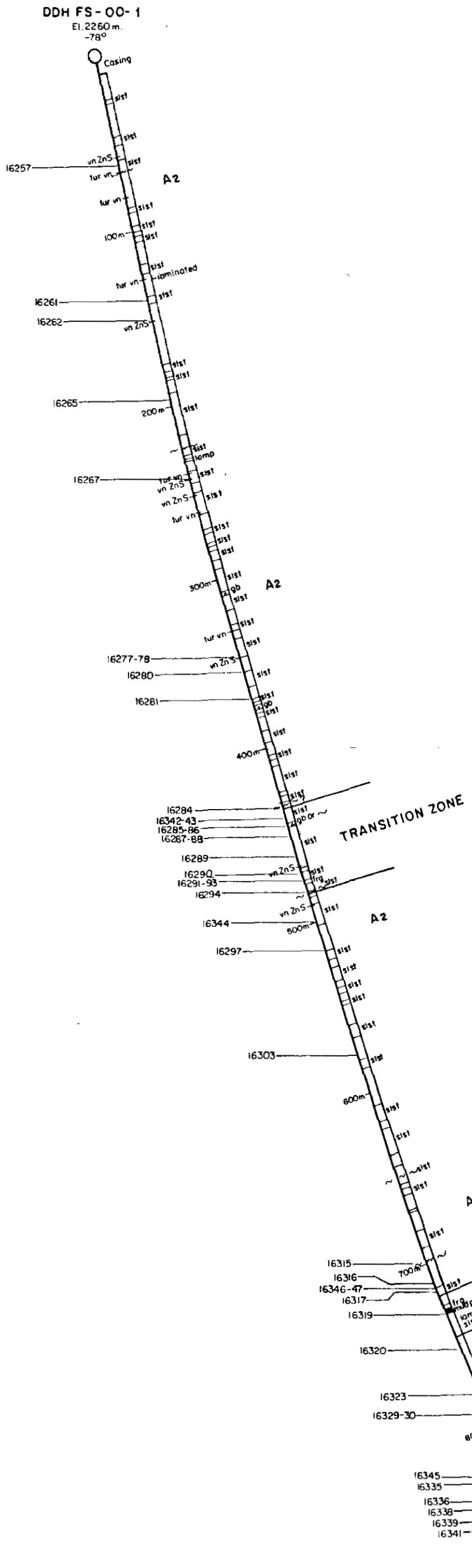
N.T.S. 82K-1 GOLDEN M.D., B.C.

DATE	DRAWN BY	APPENDIX 2
AUG. 2000	S.W. / Chong	MAP 4

CHONG

W

E



LEGEND

TERTIARY

- lamp — Lamprophyre dike

CRETACEOUS

- WCB — White Creek Bathotith (Biotite manzogranite)

MIDDLE PROTEROZOIC

- CR — Creston Formation (Light green-grey siltstone, mudstone, argillite)
- A3 — Upper Aldridge Formation (Mid to dark grey rusty argillite and siltstone)
- A2 — Middle Aldridge Formation (Light grey wackes, quartz wackes, siltstone, argillite)
- frg — Fragmental Unit (Siltstone fragmental at lower - middle Aldridge contact)
- A1 — Lower Aldridge Formation (Light to medium grey, rusty weathering siltstone, quartzitic wacke and wacke)
- +gb+ — Gabbro (Moyie intrusives – fine grained to medium grained sills and dike complexes)

Geological contact

Fault

vn — Vein

Laminite location and stratigraphic markers

16257 — Sample number

TRANSITION ZONE – Dark brown, brown biotite rich, finely laminated thin bedded wackes, sub wackes and siltstones, encomposes the fragmental units, the Sullivan horizon and its equivalents

SCALE 1:2500

0 50 100 METRES

Rio Algom Exploration Inc.

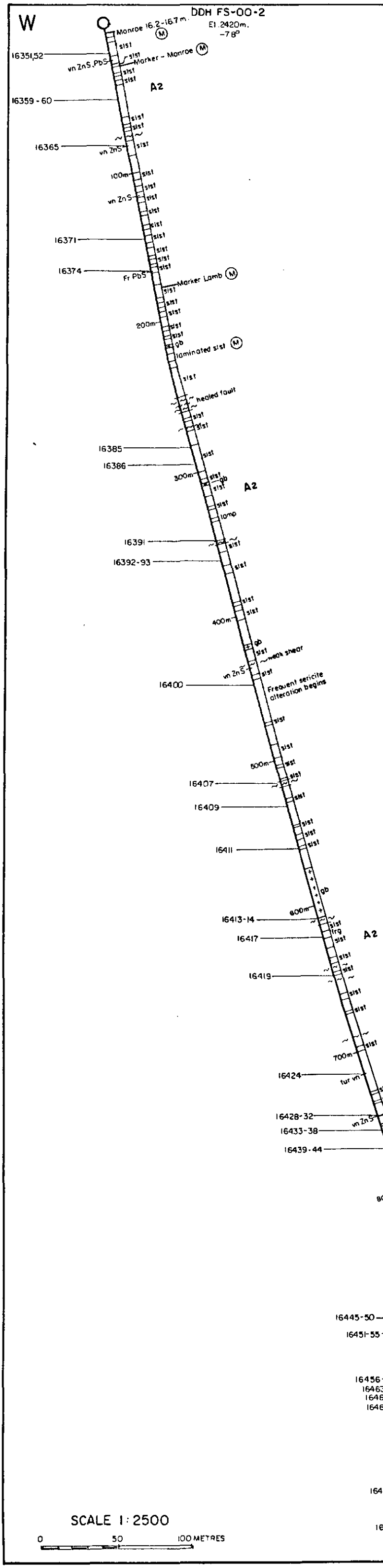
SOUTH FINDLAY PROJECT

DRILL HOLE SECTION
DDH FS-00-1

N.T.S. 82K-1 GOLDEN M.D., B.C.

DATE	DRAWN BY	APPENDIX 2
AUG. 2000	P.D., S.W. / Chong	MAP 5

W



E

LEGEND

TERTIARY

- lamp — Lamprophyre dike

CRETACEOUS

- WCB — White Creek Batholith (Biotite monzogranite)

MIDDLE PROTEROZOIC

- CR — Creston Formation (Light green-grey siltstone, mudstone, argillite)
- A3 — Upper Aldridge Formation (Mid to dark grey rusty argillite and siltstone)
- A2 — Middle Aldridge Formation (Light grey wackes, quartz wackes, siltstone, argillite)
- frg — Fragmental Unit (Siltstone fragmental at lower - middle Aldridge contact)
- A1 — Lower Aldridge Formation (Light to medium grey, rusty weathering siltstone, quartzitic wacke and wacke)
- +gb+ — Gabbro (Moyie Intrusives – fine grained to medium grained sills and dike complexes)

Geological contact

Fault

vn — Vein

Ⓜ — Laminite location and stratigraphic markers

16351 — Sample number

TRANSITION ZONE – Dark brown, brown biotite rich, finely laminated, thin bedded wackes and sub wackes and siltstone, encompases fragmental units, the Sullivan horizon and its equivalents.

SCALE 1:2500

0 50 100 METRES

Rio Algom Exploration Inc.

SOUTH FINDLAY PROJECT

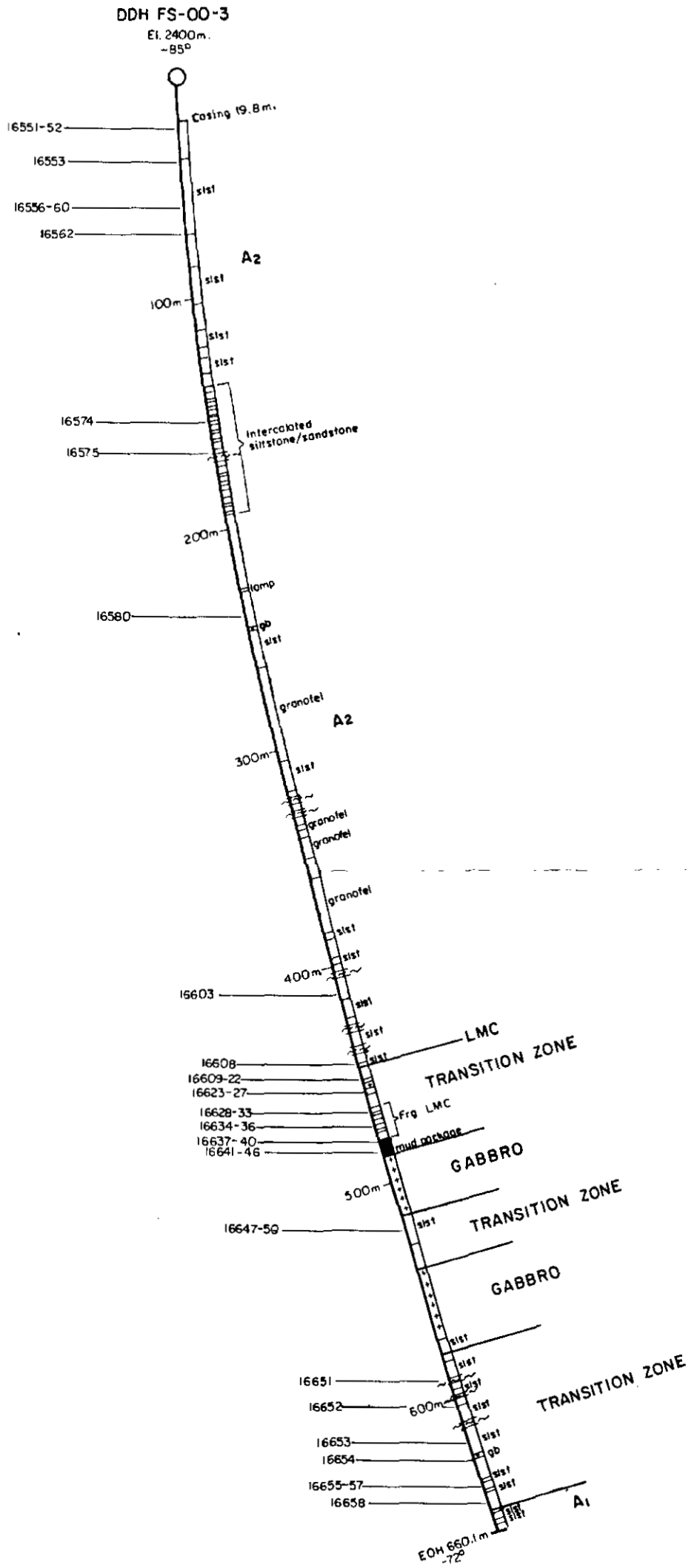
DRILL HOLE SECTION

DDH FS-00-2

N.T.S. 82K-1 GOLDEN M.D., B.C.

DATE	DRAWN BY	APPENDIX 2
AUG. 2000	P.D., S.W. / Chong	MAP 6

W



E

LEGEND

TERTIARY

- lamp — Lamprophyre dike

CRETACEOUS

- WCB — White Creek Bathalith (Biotite monzogranite)

MIDDLE PROTEROZOIC

- CR — Creston Formation (Light green-grey siltstone, mudstone, argillite)
- A3 — Upper Aldridge Formation (Mid to dark grey rusty argillite and siltstone)
- A2 — Middle Aldridge Formation (Light grey wackes, quartz wackes, siltstone, argillite)
- frg — Fragmental Unit (Siltstone fragmental at lower - middle Aldridge contact)
- A1 — Lower Aldridge Formation (Light to medium grey, rusty weathering siltstone, quartzitic wacke and wacke)
- +gb+ — Gabbro (Moyie Intrusives – fine grained to medium grained sills and dike complexes)

Geological contact

Fault

Ⓜ — Laminite location and stratigraphic markers

16551 — Sample number

TRANSITION ZONE — Dark brown, brown biotite rich, finely laminated, thin bedded wackes and sub wackes and siltstones, encomposes fragmental units, the Sullivan horizon and its equivalents.

SCALE 1:2500

0 50 100 METRES

Rio Algom Exploration Inc.		
SOUTH FINDLAY PROJECT		
DRILL HOLE SECTION DDH FS-00-3		
N.T.S. 82K-1	GOLDEN M.D., B.C.	
DATE AUG. 2000	DRAWN BY P.D., S.W. / Chong	APPENDIX 2 MAP 7

APPENDIX IV

Analytical Sample Descriptions

FS-00-1 Anomalous results in ppm unless otherwise noted

Sample	From(m)	To(m)	Interval(m)	Au (ppb)	Ag	As	Cu	Pb	Zn	Comments
16257	62.65	63.45	0.8	<5	<0.2	<5	48	44	81	vn w/ po in laminated siltstone
16261	138.6	140.35	1.75	70	2.2	10	25	8	44	vn w/ po, py, cpy in laminated siltstone
16262	151.5	151.7	0.2	<5	<0.2	<5	321	96	3.80%	blotchy sph in broken fractured ghosty vn
16265	197.45	198.45	1	<5	<0.2	<5	26	4	112	laminated siltstone
16267	241.9	242.45	0.55	25	11	<5	26	486	3342	blebs of sph in qtz/cc vn
16277	345.7	346.25	0.55	<5	8.6	<5	108	440	3911	qtz/cc vn w/ blebs of fine sph, po, gal
16278	346.25	346.85	0.6	<5	<0.2	<5	22	44	163	*envelope of vein in #16277*
16280	356.3	357.5	1.2	<5	0.6	<5	27	270	99	ghost qtz vn w/ blebs of po
16281	371.6	373	1.4	<5	<0.2	<5	27	270	103	vn w/ po
16284	*434.5*	*436*	*1.5*	*<5*	*<0.2*	*<5*	*25*	*72*	*129*	*vn in laminated siltstone*
16285	438	440	2	<5	<0.2	10	85	30	2363	8cm wide qtz vn w/ coarse sph and py blebs in vn
18151	448	449	1	<5	<0.2	<5	28	14	93	Laminated siltstones
16287	450	452	2	<5	<0.2	<5	84	12	576	qtz vn w/ coarse sph in vn
18152	452	453	1	15	<0.2	<5	40	18	152	Laminated siltstones
16288	454	456	2	<5	<0.2	<5	120	14	63	vn w/ cpy
18153	468	469	1	<5	<0.2	5	62	16	1073	Vn w/ sphalerite
18154	475	476	1	<5	<0.2	<5	25	24	94	Laminated siltstone
16291	476	477.1	1.1	<5	<0.2	<5	32	12	196	laminated siltstone right above fragmental
18155	479	480	1	<5	<0.2	<5	34	16	75	Laminated siltstone
18156	480	481	1	<5	<0.2	<5	36	20	87	Laminated siltstone
16297	515	517	2	<5	<0.2	<5	20	28	110	qtz/ cc vn in laminated siltstone
16303	576.9	578.9	2	<5	<0.2	<5	20	500	124	vn w/ po in laminated siltstone
16315	696.1	696.4	0.3	20	<0.2	<5	3	8	50	laminated siltstone
	725.1									***Lower-Middle Aldridge contact (LMC) begins***
18157	725	726	1	<5	<0.2	<5	76	12	77	laminated wacke
18158	727	728.6	1.6	<5	<0.2	10	34	12	81	laminated wacke
16319	*728.6*	*730*	*1.4*	*<5*	*<0.2*	*<5*	*27*	*16*	*260*	***Mud package "Sullivan Horizon"***
18159	730	731	1	<5	<0.2	<5	33	24	84	laminated wacke
18160	731	732	1	<5	<0.2	<5	29	26	104	laminated wacke
18161	732	733	1	<5	<0.2	10	30	20	85	laminated wacke
18162	733	734	1	<5	<0.2	<5	31	24	88	laminated wacke
18163	734	735	1	<5	<0.2	10	29	22	86	laminated wacke
18164	735	736	1	<5	<0.2	5	29	22	87	laminated wacke
18165	736	737	1	<5	<0.2	<5	26	20	77	laminated wacke
18166	737	738	1	<5	<0.2	<5	25	20	83	laminated wacke
18167	738	739	1	<5	<0.2	<5	26	16	74	laminated wacke
18168	739	740	1	<5	<0.2	<5	23	18	76	laminated wacke
18169	740	741	1	<5	<0.2	<5	30	12	70	laminated wacke
	740.2									**Lower Aldridge begins**
16323	777.9	778.7	0.8	35	<0.2	5	33	12	69	laminated siltstones
16329	793.9	795	1.1	5	<0.2	<5	25	26	119	finely laminated siltstone
16330	795.5	796.7	1.2	<5	<0.2	<5	24	20	121	finely laminated siltstone
16335	832.6	833.6	1	<5	<0.2	15	135	24	95	vn w/ po, py, cpy in gabbro
16336	*843.5*	*844.9*	*1.4*	*10*	*<0.2*	*20*	*202*	*32*	*211*	cc vn w/ po cpy
16338	850.1	851.5	1.4	<5	<0.2	65	102	14	81	brecciated qtz vn
16339	855.7	856.9	1.2	<5	<0.2	10	120	16	79	moderately fractured quartz wacke w/ calcite filling fractures
16341	860.9	861.25	0.35	<5	<0.2	<5	114	26	114	biotite rich laminated siltstone
16343	436	438	2	<5	<0.2	15	30	48	106	laminated siltstone adjacent to vn w/ sph
16345	828.7	830.2	1.5	5	<0.2	1355	47	10	29	moderate shear, strongly fractured siltstone w/ qtz vns
		866.5								**End of Hole**

FS-00-2 Anomalous results in ppm unless otherwise reported

Sample	From	To	Interval	Au (ppb)	Ag	As	Ba	Cu	Pb	Zn	Comments
16351	16.75	17.00	0.25	20	<0.2	<5	135	45	8	83	Laminated siltstone
16352	17.00	18.00	1.00	20	<0.2	25	110	39	6	72	Laminated siltstone
16359	48.64	48.89	0.25	10	<0.2	<5	100	50	40	75	Laminated siltstone, adjacent to vein with po, cpy
16360	48.94	49.40	0.46	10	<0.2	<5	95	102	52	70	Laminated siltstone, adjacent to vein with po, cpy
16365	82.15	82.40	0.25	5	2.2	<5	70	31	440	489	vn w/sph in laminated siltstone
16371	142.60	144.80	2.20	30	<0.2	20	80	36	16	59	Strong chl, bt, ser alteration in quartzitic wacke/wacke
16374	165.90	166.70	0.80	<5	1.8	5	80	29	754	38	cc vein with diss galena in laminated siltstone
16385	285.30	285.60	0.30	<5	<0.2	<5	225	5	60	166	Massive black silty mud package
16386	296.80	297.50	0.70	<5	<0.2	<5	195	21	120	207	wacke laminite marker material
16391	347.35	348.20	0.85	<5	<0.2	<5	165	48	14	117	Laminated siltstone
16392	358.60	359.50	0.90	<5	<0.2	<5	120	46	144	185	Laminated siltstone
16393	360.30	361.20	0.90	<5	<0.2	<5	125	45	72	122	Laminated siltstone
16400	446.60	447.30	0.70	<5	1.0	<5	75	298	60	94	quartz veins w/ diss/semi-msv po, diss cpy
16407	515.10	516.30	1.20	25	0.4	<5	70	147	38	453	cc/qtz vn w/ diss po, cpy
16409	531.20	531.80	0.60	5	<0.2	<5	75	62	30	143	qtz vn w/ po in laminated siltstone
16411	558.90	560.30	1.40	5	<0.2	<5	85	49	30	197	Laminated siltstone
16413	609.40	609.70	0.30	5	<0.2	<5	60	357	12	74	qtz vn w/ po, cpy in gabbro
16414	610.00	611.10	1.10	<5	<0.2	5	75	344	8	34	shear zone in gabbro str chl, si, cc alt w/ po cpy
16417	619.70	621.10	1.40	30	<0.2	1710	40	14	8	20	strongly fractured slst w/ altered fragments Fragmental
16419	644.45	645.00	0.55	<5	<0.2	15	15	65	18	135	weak shear in laminated siltstone
16424	715.00	716.30	1.30	<5	<0.2	10	40	26	120	125	laminated siltstone w/ mod sericite alteration
16428	744.90	746.00	1.10	<5	<0.2	<5	80	41	34	112	strongly fractured qtz wacke w/ mod ser alt
16429	746.00	746.80	0.80	<5	<0.2	<5	95	39	30	113	finely laminated siltstone
	746.90										**Lower-Middle Aldridge contact (LMC) begins**
16430	746.80	747.50	0.70	<5	<0.2	<5	95	48	72	118	Fragmental
16431	747.50	749.05	1.55	<5	<0.2	<5	90	40	158	134	wacke laminite
16432	749.05	750.00	0.95	<5	<0.2	<5	105	40	60	134	wacke laminite
16433	753.50	754.60	1.10	<5	<0.2	<5	80	39	5	154	wacke laminite
16434	756.10	757.30	1.20	<5	<0.2	<5	85	72	10	109	laminated siltstone-transition zone
16435	757.35	757.80	0.45	5	<0.2	<5	65	301	8	99	quartz vein w/ diss po
16436	757.80	758.35	0.55	<5	<0.2	<5	95	108	12	139	fragmental
16437	758.50	758.85	0.35	<5	<0.2	<5	125	42	16	103	fragmental
16438	759.05	759.70	0.65	<5	<0.2	<5	90	108	10	125	fragmental
16441	762.05	763.40	1.35	<5	<0.2	<5	170	70	16	123	quartzitic wacke adjacent to fragmental
16442	763.50	763.80	0.30	<5	<0.2	<5	115	274	16	100	qtz vn w/ po, cpy in quartzitic wacke
16444	764.30	764.90	0.60	5	<0.2	<5	60	1450	26	124	qtz vn w/ po cpy in quartzitic wacke
16445	881.85	883.00	1.15	<5	<0.2	<5	60	1014	14	55	qtz vein w/ po, cpy in gabbro
16446	884.05	885.80	1.75	<5	<0.2	5	60	314	8	22	qtz vein w/ po, cpy in gabbro
16447	885.80	887.25	1.45	<5	<0.2	<5	55	116	10	16	qtz vein w/ po, cpy in gabbro
16449	888.95	890.90	1.95	5	<0.2	10	230	17	18	42	gabbro w/ strong biotite alteration
16450	890.90	892.30	1.40	<5	<0.2	<5	590	20	34	115	quartz vein in gabbro
16452	893.10	893.60	0.50	<5	<0.2	<5	235	64	18	69	quartz vein in gabbro
16453	893.60	895.20	1.60	<5	<0.2	15	270	6	26	58	quartz vein in gabbro
16454	895.20	897.00	1.80	5	<0.2	<5	415	7	24	85	quartz vein in gabbro w/ tourmaline
16455	897.00	898.10	1.10	5	<0.2	10	625	3	32	133	quartz vein in gabbro w/ tourmaline
16456	925.30	926.20	0.90	<5	<0.2	5	265	50	6	53	wacke laminite
16457	926.20	926.90	0.70	<5	<0.2	5	245	47	<2	50	wacke laminite
16458	927.30	928.00	0.70	<5	<0.2	5	115	38	16	143	wacke laminite
16459	928.00	928.65	0.65	30	<0.2	<5	110	41	6	52	wacke laminite
16462	929.43	929.81	0.38	10	<0.2	10	65	77	12	165	diss po, sph in black mud laminae
16467	938.13	939.50	1.37	<5	<0.2	<5	95	17	18	728	qtz vn w/ sph, po, cpy
16468	940.60	941.35	0.75	<5	<0.2	15	75	8	30	132	Laminated siltstone
16469	944.70	946.50	1.80	<5	<0.2	<5	70	11	28	73	**Mud Package "Sullivan Horizon"**
16470	945.85	947.80	1.95	<5	<0.2	10	60	13	54	151	Sullivan horizon equivalent Argillite
16471	964.10	965.35	1.25	<5	<0.2	<5	155	75	28	128	laminated siltstone
16472	969.85	971.05	1.20	<5	<0.2	5	100	27	54	153	laminated siltstone
16486	1012.05	1012.50	0.45	<5	<0.2	10	125	188	4	47	vn in siltstone w/ po
16489	1019.90	1020.55	0.65	<5	<0.2	10	105	61	4	1111	coarse sph in x-cutting qtz vn
	1028.00										**Lower Aldridge begins**
16503	1049.70	1050.00	0.30	<5	<0.2	<5	65	36	44	92	laminated siltstone with diss po
16504	1050.00	1050.45	0.45	<5	<0.2	5	70	46	34	119	laminated siltstone with diss po
	1052.40										END OF HOLE

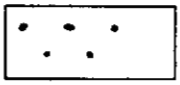
FS-00-3 Results in ppm unless otherwise reported

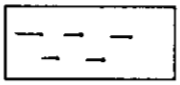
Sample	From	To	Interval (m)	Au (ppb)	Ag	As	Cu	Pb	Zn	Comments
16551	22.8	23.48	0.66	5	<0.1	<5	35	12	101	Laminated siltstone
16552	26.6	27.39	0.79	5	<0.1	<5	37	10	100	Laminated siltstone
16553	40.4	41.18	0.74	5	<0.1	<5	35	14	120	Laminated siltstone
16556	58.1	59.48	1.38	5	<0.1	<5	33	38	100	Laminated siltstone
16557	59.6	60.03	0.46	15	0.20	5	24	144	87	Concretion
16558	60.4	61.84	1.49	<5	<0.1	2250	47	16	119	Laminated siltstone
16559	61.8	62.30	0.46	<5	<0.1	1660	19	16	101	Concretion
16560	62.4	62.93	0.57	10	<0.1	380	43	16	113	Laminated siltstone
16562	70.5	71.63	1.18	<5	<0.1	175	33	18	104	Laminated siltstone
16574	153.9	154.68	0.78	<5	<0.1	<5	16	18	101	Laminated siltstone
16575	166.8	167.50	0.70	<5	<0.1	<5	8	18	100	strongly sheared fault zone
16580	238.0	238.45	0.50	<5	<0.1	<5	337	20	4419	Laminated siltstone w/ vein
16603	409.8	410.50	0.70	<5	<0.1	<5	21	21	116	laminated siltstone
	443.9									**Lower-Middle Aldridge contact (LMC) begins**
16608	444.3	444.77	0.47	<5	<0.1	<5	37	32	86	laminated wacke
16609	450.7	452.52	1.83	<5	<0.1	<5	16	36	47	laminated wacke
16610	452.5	453.76	1.24	<5	0.02	<5	7	55	39	laminated wacke
16611	453.8	454.59	0.83	<5	<0.1	<5	29	52	100	laminated wacke
16612	454.6	455.98	1.39	10	<0.1	<5	40	14	64	laminated wacke
16613	460.5	461.80	1.30	<5	<0.1	<5	31	20	93	laminated wacke
16617	461.9	462.47	0.58	<5	<0.1	<5	29	14	76	laminated wacke
16618	462.5	463.42	0.95	10	<0.1	<5	28	18	178	laminated wacke
16619	463.4	463.98	0.56	<5	<0.1	50	10	18	164	laminated wacke
16620	464.0	464.50	0.52	10	<0.1	<5	16	18	151	laminated wacke
16621	464.5	465.44	0.94	<5	<0.1	<5	32	8	67	laminated wacke
16622	465.4	465.66	0.22	<5	<0.1	<5	28	8	69	laminated wacke
16623	465.7	467.10	1.44	<5	<0.1	<5	31	6	58	laminated wacke
16624	467.1	467.51	0.41	<5	<0.1	<5	33	10	51	laminated wacke
16625	467.5	468.00	0.49	<5	<0.1	<5	19	8	51	laminated wacke
16626	468.0	469.42	1.42	<5	<0.1	<5	46	8	52	laminated wacke
16627	469.4	470.41	0.99	<5	<0.1	<5	32	10	46	laminated wacke
16628	470.9	471.40	0.50	<5	<0.1	<5	20	12	52	laminated wacke
16629	471.4	471.68	0.28	<5	<0.1	<5	47	10	37	laminated wacke
16630	471.7	472.10	0.42	<5	<0.1	<5	43	20	62	laminated wacke
16631	472.2	473.67	1.48	<5	<0.1	5	34	12	45	laminated wacke
16632	473.7	474.70	1.03	<5	<0.1	<5	22	10	50	laminated wacke
16633	474.7	475.80	1.10	<5	<0.1	<5	28	10	52	laminated wacke
16634	475.8	476.80	1.00	<5	<0.1	<5	4	14	41	laminated wacke
16635	476.8	477.80	1.00	<5	<0.1	5	4	10	32	laminated wacke
16636	477.8	478.80	1.00	<5	<0.1	<5	3	16	31	laminated wacke
16637	482.5	483.63	1.10	<5	<0.1	<5	3	14	43	laminated wacke
		484.4								**Mud Package "Sullivan Horizon"**
16638	483.6	484.63	1.00	<5	<0.1	<5	3	12	42	Sullivan horizon equivalent Argillite
16639	484.6	485.63	1.00	<5	<0.1	<5	3	10	47	Sullivan horizon equivalent Argillite
16640	485.6	486.63	1.00	<5	<0.1	<5	3	12	44	Sullivan horizon equivalent Argillite
16641	486.6	487.45	0.82	<5	<0.1	<5	3	12	59	Sullivan horizon equivalent Argillite
16642	487.5	488.45	1.00	<5	<0.1	<5	3	10	66	Sullivan horizon equivalent Argillite
16643	488.8	489.80	1.00	<5	<0.1	<5	3	12	64	Sullivan horizon equivalent Argillite
16644	489.8	490.80	1.00	<5	<0.1	<5	3	14	63	Sullivan horizon equivalent Argillite
16645	490.8	491.80	1.00	<5	<0.1	<5	4	14	114	Sullivan horizon equivalent Argillite
16646	492.0	492.80	0.80	<5	<0.1	<5	22	12	89	Sullivan horizon equivalent Argillite
16647	517.0	517.90	0.90	<5	<0.1	<5	31	12	162	laminated wacke
16648	518.0	519.00	1.00	<5	<0.1	<5	29	88	114	laminated wacke
16649	519.0	520.00	1.00	<5	<0.1	<5	26	26	113	laminated wacke
16650	520.1	521.10	1.00	<5	<0.1	<5	25	36	156	laminated wacke
16651	591.0	593.00	2.00	<5	<0.1	<5	7	8	17	laminated wacke
16652	606.0	607.00	1.00	<5	<0.1	<5	27	10	51	laminated wacke
16653	618.8	619.80	1.00	<5	<0.1	<5	32	8	43	laminated wacke
16654	625.6	626.55	1.00	<5	<0.1	<5	5	6	21	laminated wacke
16655	639.2	640.20	1.00	<5	<0.1	<5	24	4	33	laminated wacke
16656	640.2	641.20	1.00	<5	<0.1	<5	44	4	53	laminated wacke
16657	641.7	641.90	0.20	<5	<0.1	<5	5	6	36	laminated wacke
16658	645.4	646.40	1.00	<5	<0.1	<5	33	6	31	laminated wacke
		647.8								**Lower Aldridge begins**
		660.1								**END OF HOLE**

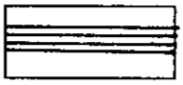
Appendix V

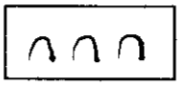
Diamond Drill Logs

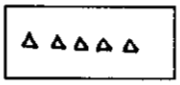
Legend for Graphic Drill Log

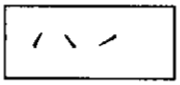

Quartz Wacke

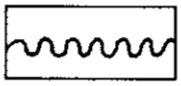

Thin-bedded quartzitic wacke , siltstone

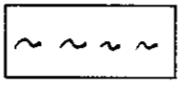

Laminated Siltstone

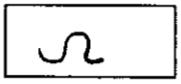

Disturbed bedding

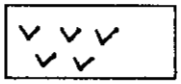

Fragmental

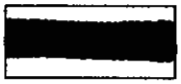

Mudchips, isolated fragments

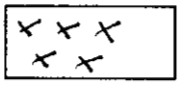

Fault gouge zone

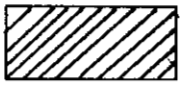

Fault-fracture zone, bedding destroyed or disrupted

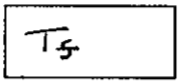

Tightly folded beds
concentrated in bed


Gabbro

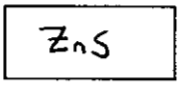

Mudpackage, Argillite


Granophyre

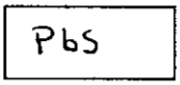

Lamprophyre or altered
Mafic intrusive



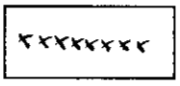
Tourmalized mudchip or
fragment



Sphalerite in vein



Galena in vein


Disseminated pyrrhotite

Alteration

Chl	chlorite	wk	weak
Ser	Sericite	mod	moderate
Bt	Biotite	str	strong
Cc	Calcite	ext	extreme
SiO2	Silica, Quartz		
Alb	Albite		
Tour	Tourmaline		

RIO ALGOM EXPLORATION INC. DRILL HOLE SUMMARY SHEET

PROJECT NAME: Findlay South | **DDH# FS-00-01**

REASON FOR DRILLING HOLE: Test Sullivan horizon based on identification of strategic markers

GENERAL

DATES			DRILL COMPANY		GEOLOGIST
	Time	Date	Contractor:	**Beaupre Diamond Drilling Ltd.**	Logged by: P.M. Donnelly
Start:	Evening	May 28/00	Drill Rig:	**Longyear 38**	
End:	Evening	June 16/00	Core Size:	**NQ**	

SURVEY

LOCATION	
NTS:	82 K/1
Section:	A
Easting:	558250
Northing:	5544620
Elev. (m)	2260

DOWNHOLE SURVEYS

Type	Depth (m)	Azimuth	Dip	Type	Depth (m)	Azimuth	Dip
Pajari	127	136.25	-77	Pajari	587.5	191.75	-70
Pajari	222	122.75	-76	Pajari	700.3	148.25	-66
Pajari	299	121.75	-73	Pajari	808.5	143.25	-65
Pajari	476.2	141.75	-72	Pajari	866.5	147.75	-65

GEOLOGY CAPSULE - INTERCEPTS

FROM (m)	TO (m)	ROCK TYPE	COMMENTS
0	9.6	Casing	
9.6	230.8	A2	
230.8	231.75	Lamprophyre Dyke	
231.75	307.9	A2	
307.9	310.3	Gabbro	
310.3	373.1	A2	
373.1	376.2	Gabbro	
376.2	429.55	A2	
429.55	477.1	A2, A1	Transition Zone
477.1	477.9	Fragmental	
477.9	482.1	A2, A1	Transition Zone
482.1	725.1	A2	
725.1	729.6	A2, A1	Transition Zone
729.6	729.7	Sullivan Horizon	
729.7	740.2	A2, A1	Transition Zone
740.2	830.2	A1	
830.2	851.7	Gabbro	
851.7	866.5	A1	
866.5			End of Hole

PERCENT RECOVERY
98% (Estimate)

PHOTOGRAPHS

REASON FOR ENDING HOLE/COMMENTS:
Went through Sullivan Horizon and encountered typical Lower Aldridge stratigraphy.

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Property Findlay South

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #	
0		Casing										**0-9.44 m Casing**					
												9.44-230.8m Middle Aldridge (A_2)					
												A2 – Middle Aldridge Medium to thin bedded medium to fine grained light grey quartz wacke to quartzitic wacke with occasional 5 to 10 cm wide medium to fine grained quartzite. Concretions with medium to fine garnet and biotite crystals	15.9	16.95	1.05	16251	
5												9.44 – 13.5m Core weakly to moderately gossanous. Occasional thin argillitic wavy laminae present. Fine grained randomly oriented lath shaped euhedral sericite is found throughout this section (2%) with fine grained anhedral biotite. First 9-11m core is moderately broken up.	24.65	25.55	0.90	16252	
10		S_0	60	11.7	Chl	wk	10.5 10.6	Po	blebs	2%	15.7	11.0 m bedding becomes distorted and convoluted. Occasional mudchips found, 1-2 cm in diameter. Disturbed bedding found in darker laminae units with more sericite. Sericite starts to show preferential direction at 15m.					
		S_1	45	15.0	Chl Ser	mod mod	12.2 12.4										
15												18.0- 19.0 m, moderately altered vein with fabric superimposed and random medium grained sericite crystals from casing up to here. Whole core so far appears to be silicified. Pyrrhotite is distributed in disseminations throughout core so far.					
		S_1	45	17.0													
					Chl	wk	20.3 20.4	Po	Vn 3mm	2%	24.6	25-30 m beds become thicker; over 3-4m thick. Core still displays disturbed bedding. Particularly thin argillaceous laminae. Pyrrhotite is still sowing a fabric but medium grained sericite still randomly oriented. Still find some rust in fractures					
20																	
25																	
		Fix	30	28.5													
30																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #
30		S_1	90	33.4								32.0 m Occasional tourmalinized mud chip dark in colour				
					Chl Si	Str mod	32.3	Py	Vn 1cm	1%	32.3	32.1m 1cm wide milky quartz vein with pyrite, pyrrhotite 32.3m 2 cm wide quartz vein with strong chlorite alteration around envelope chlorite form as green clots surrounding vein and fine disseminate Py. Still get occasional concretions				
35												33.9m get ptygmatic fold in vein 1 cm wide and a pushed apart vein.	33.4	34.25	0.85	16253
					Chl	Str	42.5					34.2m sericite increases 36.0 – 37.5m get fracture set that have healed occasional mud or quartz chip in thick sequences. Sericite forms blotches mottled texture within quartzitic wacke.				
40					Si	Str	46.5					37.9m Blebs of pyrrhotite in stringer veins.				
		Frx	25	46.5	Bt	Str		Po	Blebs	5%	46.5	38.5 Cross cutting quartz filled fractures offset each other. A long broken core, faces have waxy, soapy feel, clay and chlorite, some calcite.				
45												42.0m Wispy mud/argillite laminae.				
		S_0	90	49.0								42.8m get blebs of pyrite, pyrrhotite in core fractures (where core broken).				
												43.4m thin chlorite envelope around fracture				
		S_1	45	51.3	Chl	mod	52.2 53.7					43.0 – 45.0m beds become thicker.				
50												46.5m get ghosty quartz veins cross cut/ superimposed by biotite/pyrrhotite fracture sets.	48.35	48.75	0.40	16254
					Alb	Str	55.1 55.4	Po	Vn 5cm	5%	55.1	46.5 – 47.2m disseminated (2%) Pyrrhotite found in fractures.				
55		S_0	88	56.7												
					Ser Chl	mod mod	58.5 58.6									
60		Fr	46	58.6												

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #
60		Fr	30	60.0				Po	Vn	2%	63.2					
		S_1	90	60.3					1cm		63.3	48.7-48.8 stronly fractured zone , at least 2 quartz veining events in which quartz veins fractured. Fractures filled with biotite, some weak chlorite. Two veining events 1) white bull quartz 2) smoky quartz both with pyrite, pyrrhotite. Still get biotite calcite garnet concretions				
65		S_1	65	67.6								50.8m Get ghost quartz veins. On broken core face get pyrite blebs. Chlorite envelope around stringer quartz. Get occasional chert chips (3-4 mm long).				
					Si	Str	66.1									
		S_1	60	73.5	Chl	wk	66.2	Po	Semi msv	20%	74.0	53.5 m Ghost quartz vein with weak chloride envelope.				
70								Sph	Vn	1%	74.0	53.7m Stringer quartz veins core angle to CA is 45	50.65	52.65	2.00	16255
								CPy	1cm			51.5m cross laminations.				
		S_0	75	78.7								50.61 – 52.9m dominated by thinner silt units that are wavy and display cross laminations	52.65	53.65	1.00	16256
75												53.9m Quartz vein with radiating fibrous needle shaped tourmaline needles within quartz vein.				
					Chl	mod	76.1					55.1 – 55.6m albitized vein broken up by moderate fracturing.				
					Bt	mod	76.2					58.5m More mottled sericite.				
80												58.6 Fracture filled vein with chlorite blebs or spots.				
		S_0	80	84.3								Quartz veins in fractures, weak chlorite alteration in selvage. Fractures consist of calcite with quartz envelope.				
								Po	Vn	2%	83.1	Significant amount of chlorite in siltstone matrix (20%).				
85								CPy	1cm	1%	83.2					
		S_1	90	89												
90																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
												62.6m Foliation stronger moderate chlorite alteration. 63.2m Pull apart vein. 64.8m Tourmaline vein with silica envelope and fine randomly oriented acicular tourmaline needles. 66.1m Tourmaline vein. 66.5 – 67m Blotchy moderate sericite. 67.6m Strong foliation with moderate chlorite alteration. 69.2m Tourmalinized mud fragment. 71.4 – 71.8 5 mm vein runs along core axis. 72.6 – 73.0 weak chlorite envelopes around fractures. 74m Pull apart vein. 76.1m Pyrrhotite along selvage. 77.9 – 80.0m Tourmaline vein with acicular tourmaline needles around selvage. Occasionally get calcite replacing sericite crystals. Still get sericite overprint – random medium sized randomly oriented lath shaped crystal. 85.7m Get a mud/silt concretion 10 cm wide. 87.4m sericite crystals replaced by calcite pseudomorphs. 89.1 get calcite stringer vein with chlorite selvage and pyrrhotite in vein in blebs.	62.65	63.45	0.8	16257	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
90		So	88	90.1	Chl	mod	90.2	Po	Vn	2%	90.2						
								CPy	1cm	1%	90.3	90.2m Pull apart vein quartz/vein.	90.0	90.5	0.50	16258	
		Flt	45	92.3								90.8m quartz calcite vein – (lots of calcite)					
95					Ser	Str	93.7										
		So	72	98.8	Chl	wk	93.9	Po	Vn	5%	90.8	91.8m get possible marker horizon – Lamb?					
					cc	wk		CPy	6cm	2%	91.4	94.2m blotchy sericite					
								Py		2%		95.0m Calcite replacing sericite.					
100												97.9 Quartz/calcite vein.					
												98.1m Chloritized rip up clasts					
					Chl	mod	100.3					99.0 – 99.2m 10 cm quartz vein with chlorite/biotite in vein and chlorite in selvage.					
					cc	mod	100.4					99.5m Weak shear.					
105								Po	Vn	2%	104.2						
					Chl	Str	100.0	Py	1cm	1%	104.3	99.7m Some cross lamina in thin silty unit – core is right way up.	103.7	104.5	0.80	16259	
					cc	Str	100.3	Cy		1%		100.3m Concretion in silty layer with pyrrhotite blebs. At 100.0 a number of parallel veins or vein set go through concretion. Composed of chlorite stringer veins and a 1 cm coarse crystalline calcite vein and a tourmaline stringer vein.					
110												102.5m Possible marker – poor quality, likely Lamb?					
		So	74	114.6								104.2m Moderately fractured and pulled apart quartz veins, previous bedding was distorted.					
					Chl	wk	104.2										
					Bt	mod	104.5					107.4m get mottled sericite blotches in a line around core					
115					Ser	mod						109.8m get large tourmalinized clast, block and hard.					
												110.0m sericite crystals replaced by calcite in distorted beds.					
												110.3m Mottled sericite again.					
120																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
120		So	87	121.2	Chl	WK	121.1	Po	Vn	1%	121.1						
					Bt	mod	121.2	Py	4mm	1%		112.6m Sericite crystals again replaced by calcite.					
					CC	WK						113.4m Thick irregular quartz/calcite vein, distorted by fracturing.					
125												119.6m get quartz/calcite vein.					
	Ⓜ											121.2m Cross laminations found in thin siltstone unit.					
		Fr	40	134.6	Ser	Str	126.7					122.5 m significant amount of sericite in medium crystal size, lath shaped.					
					Chl	mod	126.8					122.5m elongated chert clast.					
130					Bt	mod						127-128m Possible marker. Maybe Lamb, but not sure if true marker. Could just be individual lamina within sandstone. Shows cross laminations.					
													132.95	133.7	0.75	16260	
135								Po	Vn	2%	139.6	132.7m Some herringbone cross bedding.					
		Frx	40	141.9				cpy	3mm	1%		135.2m Large concretion (30 cm wide) with coarse biotite and some weak chlorite.	138.6	140.35	1.75	16261	
												140.2m crenulation clevage at 80 degrees to core axis.					
140												140.9m get 10 cm wide ghost quartz calcite vein, irregular vein.					
					Chl	WK	139.6					142.4m get some cross laminations.					
		So	85	144.7	Bt	mod	139.7					143.7 m. Irregular quartz vein with Significant amount of Py and Po in broken core fracture surfaces (Po 10%) (Py 10%).					
					CC	WK											
145																	
150																	

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GRAPHIC m	GRAPHIC LITH	PRIMARY FABRICS & STRUCTURES TYPE	DCA	(m)	ALTERATION TYPE	INT	(m)	MINERALIZATION TYPE MIN	TYPE STR	INT/ SIZE	(m)	COMMENTS	ASSAY INTERVALS & RESULTS FROM	TO	INT (m)	SAMPLE #
												A_2 Continued				
150		So	70	151.9	Bt	wk	151.5	Po	Vn	5%	151.5	*151.5m find brown blotchy sphalerite (?) in vein. Vein broken and fractured. Ghosty vein.*				
					Chl	mod	151.7	Sph	10cm	5%		155.2m get cc. biotite quartz vein.				
					ser	mod						155.4m Get calcite replacing sericite on sericite crystals. Encountering less mud chips, less distorted beds – silt beds quartz/quartzite wacke beds becoming more prominent, more common and thicker. Thicker SS beds show some fine distinct mud laminations	151.5	151.7	0.20	16262
155		So	71	163.0												
		Fr	46	163.6	Bt	mod	156.5					164.5 get biotite/cc vein.				
					SiO_2	mod	156.6	Po	Vn	4%	163.8	166 m Barren quartz vein.				
160		Vn	30	167.6	Ser	wk		CPy	2mm	1%		166.6 Large White cloudy bull quartz vein quartz vein at with a lot of coarse biotite, represents a series of parallel veins.	177.0	178.6	1.60	16263
												170.0m A significant increase in thickness and proportion of quartz wackes/quartzitic wackes.				
165		S_1	45	170.5								177.0 m silt component increases. Thin, sometimes distorted, silty layers become prominent again.				
					Bt	Str	163.8									
		So	75	176.4	cc	Str	163.9	Py	Vn	10%	166.6					
170					Chl	wk			30cm							
		Vn	75	176.9												
175																
180																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
180		So	80	180.0													
												More calcite replacing sericite in siltstone.					
		Vn	85	187.8	Chl	str	187.8	Po	bleb	2/.	184.5	Getting repetition of medium thickness quartz wacke and medium thick packages of thin bedded siltstone.					
185					Bt	mod	188.0					Siltstone units frequently show some distortion.					
		Vn	60	194.4	Ser	mod						190-210m Silty units more prevalent Concretions still common, composed of medium-sized garnet, biotite, crystals in quartz matrix. Common in quartzitic wacke, quartz wackes.					
190		So	77	197.6				Po	bleb	2/.	191.3	200 m. Thin bedded/laminated siltstone beds becoming more distorted with more a mud component.					
					SiO_2	mod	189.3					Calcite still replacing sericite – calcite pseudomorphs.	188.05	188.55	0.5	16264	
		Frx	75	200.0	Bt	WK	189.5										
195					Ser	WK											
		S_i	88	203.9									197.45	198.45	1.00	16265	
					Bt	mod	194.4										
200		Frx	35	206.6	Chl	mod	194.4										
					Ser	mod											
205		So	70	208.9													
210																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A_2 Continued**	FROM	TO	INT (m)	SAMPLE #
210		Frx	60	212.0								212 m Moderately chloritized fracture set.				
		So	60	214.0	Chl	mod	213.6					212.2-212.5 m. Alternating thin beds of chloritized silt and thin bedded quartzitic wacke				
215		S1	43	215.6	Bt	mod	214.7					211.0 -216m Moderately to strongly chloritized with chlorite clots along core fracture surfaces between. Likely due to weak shear.				
					cc	wk										
								Po	Bleb	1%	222.2	226.4-221.4m Core broken up, rubbly.				
220		Vn	45	222.2								221.8m ghostly quartz vein.				
					chl	str	223.9					222.9m tourmalinized fragment, has a dark outer ring. Inside it is lighter.				
		Frx	20	227.5	Bt	str	224.5					224.0 have irregular calcite vein.				
												225.0m – moderate shear.				
225		S1	44	231.5	cc	mod						227.6m cherty rip up clasts	222.5	223.5	1.0	16266
												229.5m 2 s m platy fragments/mud chips.				
												230.7 sl disturbed So and ripped up beds.				
		So	70	232.6								230.8-231.75m **Lamprophyre Dyke**				
230					Bt	mod	230.8	Po	Vn 1mm	1%	235.1	230.8-231.75m mgr, biotitic rich porphyritic, biotite (+ chlorite + cc) altered lamprophyre dyke. Strong foliated (on biotite, chlorite) groundmass with ~15% anhedral to subhedral. Former olivine or pyroxene crystals, altered to calcite, biotite, chlorite, pyrite. Weakly magnetic. Phenocrysts concentrated in centre of dyke, margins are fine grained. Foliation also stronger at contacts.				
					Chl	Str	231.8									
235		Vn	30	234.7												
240																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #
240		So	80	241.0								231.75-307.9m **Middle Aldridge**				
		Frx	40	241.8	Bt	Str	242.6					231.35m Po rich concretion.				
					Ser	mod	242.6					233.5m a thin bed of chloritic mudstone with chlorite porphyroblasts				
245		Vn	30	248.8	cc	mod		Sph	Vn	2%	232.5	234.3-234.5m Directly below are platy whitish mudchip at a few small white mud chips.				
					Chl	mod		Po	3mm	5%		235.75m a 4 cm quartz-sulphide veinlet with biotite/chlorite selvages.	241.9	2424	0.5	16267
												237.25m 1 cm wide chlorite altered breccia.				
250		So	80	255.1								241.9m get 50 cm wide irregular quartz/calcite white bull quartz vein with large blebs of sphalerite two phases of quartz veining. Strong biotite alteration around selvage with moderate chlorite alteration around the envelope.	251.6	252.4	0.80	16268
					Bt	mod	252.5					240-245m Most of core consists of thick sequences of thin bedded distorted siltstones.				
					Chl	mod	252.6					247.8-247.9m lamprophere finger 1-2 cm wide.				
255												248.1 m 20 cm wide quartz vein, irregular.	252.7	253.8	1.1	16269
												251.5m sericite blotches				
												252.5m blebs of sphalerite in vein. Still get calcite replacing sericite				
260		Vn	70	268.8								257.1 m broken core fracture surfaces have lots of calcite – 5% cc.				
								Po	Vn	10%	269.5	258.4m pyrrhotite fills in fractures. →wispy pyrite in fractures.				
									1mm			258.7m 1 mm wide wispy pyrrhotite veins in distorted/convoluted siltstone stringy pyrrhotite.				
265					Bt	Str	269.4					260.6 m. Siltstone beds strongly distorted, numerous chert fragments.				
					Chl	mod	270.2					269.4-270.2 m large irregular quartz vein.				
					Ser	mod										
270																

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GRAPHIC m	GRAPHIC LITH	PRIMARY FABRICS & STRUCTURES TYPE	PRIMARY FABRICS & STRUCTURES DCA	PRIMARY FABRICS & STRUCTURES (m)	ALTERATION TYPE	ALTERATION INT	ALTERATION (m)	MINERALIZATION TYPE MIN	MINERALIZATION TYPE STR	MINERALIZATION INT/ SIZE	MINERALIZATION (m)	COMMENTS	ASSAY INTERVALS & RESULTS FROM	TO	INT (m)	SAMPLE #
270		Vn	30	270.4	Bt	Str	275.2					A_2 Continued				
					Chl	mod	275.3					279.4 m get medium to dark gray 1-2 m wide muddy fine grained concretions. Some pyrite in the centre.				
		So	80	273.7	cc	mod						281.8 m Irregular cross cutting quartz calcite vein.				
275					SiO_2	mod						281.5 m strongly convoluted laminated siltstone.				
		Vn	20	279.7								289.7m calcite filling fractures in distorted siltstone moderately chloritized.	273.8	274.2	0.40	16270
												291.5 significant amounts of chlorite and clay along fracture surfaces of core. Soapy green waxy clay.	291.6	292.75	1.15	16271
280		Vn	40	283.5				Py	Vn 1mm	2%	281.9					
					Chl	mod	290.8									
285		Fr x	70	290.8	Ser	wk	290.9									
					cc	mod		Cpy	Vn mm	1%	283.5					
290		S_1	68	296.8												
295																
300																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
300																
		Vn	70	307.9	Chl	Str	307.8					Distorted convoluted thin bedded siltstones with occasional fragments.	302.4	303.5	0.65	16272
					Bt	mod	310.3					305.0m Series of calcite stringer veins in chlorite biotite envelope about 25 cm wide. Moderately fractured with chlorite spots and a thin stringer of pyrite.				
305		Sh	65	312.1	cc	mod						307.8 – 310.3m Gabbro				
		So	81	313.2	SiO_2	mod		Py	bleb	2%	311.6	307.9-310.3m get fine crystalline equigranular phaneritic chlorite, calcite, biotite, gabbro.				
												312.1m Small shear, some gouge 65° to CA				
310		Sh	45	314.6								314.4m Small shear. some gouge 45° to CA				
												315.0m Large irregular quartz vein with biotite selvage.				
		Vn	20	318.1								316.3m get flame structures in thin bedded siltstone.				
315												316.5 m Cross laminations in siltstone.				
		S_1	85	322.1								317.0-318.6m Massive medium grained thick bedded quartzitic wacke.				
								Po	bleb	2%	325.5	323.0m. Faint white ghost veins in dark siltstone.	321.55	322.2	0.65	16273
320					Bt	str	326.1					326.1-326.2m Strong alteration zone of biotite, chlorite medium size euhedral calcite crystals, adjacent to a small healed chloritic shear.				
		Frx	60	325.1	cc	mod	326.2					329.0m More flame structures in laminated thin /bedded siltstone				
					Chl	mod										
325																
		Vn	45	328.2												
330																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #
330																
		Vn	40	332.9								Still have calcite replacing sericite.				
		S_1	75	335.1								Thicker bedded fine-medium grained quartzitic wackes becoming prominent again. Thin bedded siltstones with calcite replacing sericite still occur.				
335																
		S_0	80	337.5	Chl	mod	345.8					345.8m Get 2 cm bedding parallel quartz vein.	330.0	331.0	1.0	16274
					Bt	mod	345.4					345.8m get quartz/calcite vein with stringy blebs of fine grained sphalerite. Bounded by a chlorite biotite selvage and a silicified envelope with strings and biotite blebs. Get calcite vein with pyrrhotite along middle of vein. Some Galena in envelope or in vein, vein parallel to bedding.	338.8	339.4	0.60	16275
340					cc	wk		Po	Semi msv	5%	342.1					
		Vn	70	344.6								346.7m Flame structures in silt.				
												356.3 m Ghosty light gray quartz veins with blebs of pyrrhotite.	344.1	345.1	1.00	16276
345								Sph	Vn	1%	345.9	356.9m Irregular quartz calcite vein with biotite chlorite selvage. Has pyrrhotite fragments. Along broken core fracture surfaces, fee is very soapy slippery – high clay content.	345.7	346.25	0.55	16277
		S_0	80	349.0				Po	Imm	5%						
					Bt	mod	349.9						346.25	346.85	0.60	16278
350					Chl	mod	350.0									
		Vn	30	352.5									350.1	350.95	0.85	16279
													356.3	357.5	1.20	16280
355																
360																

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m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
360		cc Vn	30	361.6	Bt	Str	362.5									
					Chl	mod	361.5	Po	Vn 1 cm	2%	362.7	355.1 - 360.2 get convoluted and distorted thin bedded siltstones due to soft sediment deformation.				
					Ser	wk						362.5 to 363.5m 1 m wide irregular bull quartz vein with blebs of pyrrhotite . Significant blotchy chlorite surrounds pyrrhotite blebs.				
365		cc/qtz Vn	20	370.1	Chl	wk	364.1					364.2 m distorted quartz vein with biotite chlorite and some calcite.	371.6	373.0	1.40	16281
					Bt	mod	364.2					373.1 – 372.6 **Gabbro**				
370		S1	76	378.2	Ser	mod	364.8					373.1 get strongly chloritized, calcite rich gabbro. Medium to coarse crystals with chlorite replacing pyroxene and hornblende and calcite replacing plagioclase? Plagioclase in groundmass? Relic pyroxene crystals still seen. Also get euhedral cubic medium to fine crystalline pyrite throughout gabbro. Some biotite also seen. Porphyritic gabbro shows trachiac texture.				
					CC	mod	369.9									
375												372.6-477.1 **Middle Aldridge (A2)**				
		So	88	384.2												
								Po	Vn 2cm	2%	377.8	385.2 m. Weak shear .				
380					CC	mod	377.8									
		Vn	35	380.7	Bt	mod	377.9									
					Chl	wk										
385																
		Frx	15	388.3												
390																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
390		Vn	45	391.0								391.4. Strongly fractured and ghostly white quartz veins with moderate chlorite and euhedral disseminated 0.1 – 0.5 mm pyrite crystals. Zone 15 cm wide.					
		So	70	396.1								397.0 - 403.0 m. Massive medium to fine grained dark grey biotite quartzitic wacke, medium to thick bedded.					
395												405.0 - 406.0 m Massive dark grey fine grained, occasionally distorted quartzitic wacke beds					
					cc	wk	406.4					409.0 Massive dark grey quartzitic wacke with light grey/off white medium sized SiO_2 spots quartz spotted appearance.	390.6	392.0	1.40	16282	
		Fx	58	401.8	chl	mod	407.2					416.7-416.8. Blotchy sericite on quartzitic wacke.					
400					ser	wk											
								Po	Vn 8mm	2'.	413.0						
405					chl	mod	412.7										
		Vn	30	413.0	cc	wk	413.0										
410																	
		So	81	414.2				Py	Vn 8mm	2'.	419.2						
415					cc	wk	419.0										
					BE	wk	419.1										
420					ser	mod											

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
420																	
		Vn	35	421.4								419.8-424.0m Core broken up really strong Chlorite alteration along fractures in siltstone.					
425		So	88	423.0	Chl	mod	424.8 425.0					429.55-434.2m Calcite/quartz vein stockworks in moderate-high shear zone. Strongly altered with chlorite, biotite and calcite. Core broken up and there is some gauge. Some sections are brecciated. Fracturing post dates veining. Veins broken up. Veining. Cross cuts bedding. Shear angle to core axis is 30°.	420.0	421.0	1.0	16283	
												436.0-441.0m core broken up.	434.5	436.0	1.50	16284	
430		Sh	30	429.6	Chl Bt cc Ser	Str Str Str mod	429.6 434.2					438.7-438.9m – 8 cm wide quartz vein, cross cutting with coarse sphalerite blebs in the vein and significant amounts of pyrite blebs in vein and envelope. Vein has calcite in the selvage. Vein is in laminated silt.	436.0	438.0	2.0	16343	
												440.7m narrow moderate shear.	438.0	440.0	2.0	16285	
435		Vn	88	435.6								442.3m get very coarse euhedral calcite crystals along broken core fractures.					
												442.8-443.4m moderately foliated and fractured. Moderate calcite alteration strong biotite alteration. En Echelon quartz/cc stringer veins.	440.0	442.0	2.0	16342	
					Chl	mod	441.9	SPh	Vn	10%	443.7	443.9-444.0m Strongly fractured brecciated quartz vein. 10 cm wide.					
440		Sh	60	440.7	Bt cc	Str Str	444.4	Py	8cm	8%		443.9 to 445.8m series of 1-2 m wide veins parallel to bedding offset by weak fracture sets. Veins are ghosty and have some blotchy chlorite alteration in the envelopes between the veins. Some of the veins have coarse pyrite in them. Biotite is found in the vein selvages.	446.0	448.0	2.0	16286	
		Si	85	442.0													
445								Po Py	Vn 1m	5%	446.3	447.1-452.2m tightly folded thin bedded siltstones with overprinted calcite crystals or spots. Fold axis of tight folds at 75 degrees to core axis.					
		Fcx	70	447.0													
450																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
450					cc	mod	450.9	sph	Vn	5%	451.0					
		So	80	452.3			451.0		8cm			461.0m cross cutting 8 cm wide quartz vein with coarse sphalerite with coarse pyrrhotite and calcite along the selvage.				
455		Fx	20	454.8				cpy	Vn	2%	455.2	456.2 m weak shear				
		Vn	45	457.1	Chl	mod	462.6		2mm			457.1m pulled apart quartz vein. Irregular bedding parallel vein, 2 cm thick with pyrrhotite, pyrite in vein, biotite chlorite selvage.	450.0	452.0	2.0	16287
460		So	80	459.6			462.6	Po	Vn	2%	460.1	460.1m Irregular quartz-calcite 6 cm wide, bedding parallel vein with pyrrhotite, pyrite, biotite, chlorite in vein				
									2mm			462.1m cc, quartz, biotite vein at with pyrite, pyrrhotite in vein. 2 cm wide envelope of chlorite.	454.0	456.0	2.0	16288
												462.8-463.2m Siltstones have moderate foliation.				
		Si	78	462.8	Chl	sli	463.8					468.2m Fractured, pulled apart ghosty quartz veins	458.0	460.0	2.0	16289
465					Ser	mod	460.1					467.2-467.9 m Veins have a lot of biotite in them.	469.0	471.0	2.0	16290
		Fx	30	468.9								468.2 m get coarse sphalerite in quartz, calcite, pyrrhotite vein. Vein is 3 mm wide. Vein is cross cutting.				
												471.9 m large irregular quartz calcite vein with calcite along selvage and chlorite, biotite, sericite envelope. Vein is 10 cm wide.	476.0	477.1	1.10	16291
470								Sph	Vn	5%	468.2		477.1	478.0	0.90	16292
		So	90	469.9	Chl	mod	473.9		1mm			477.1-477.9 **Fragmental**	478.0	479.0	1.0	16293
					cc	mod	472.3					477.1-477.9 m Get massive medium grey fragmental with elongated pyrrhotized clasts, in massive quartzitic wacke matrix. Outer surface of fragments have pyrrhotite. Clasts made up of chert and have dark outer halo. Clasts/fragments are oriented in same direction. Matrix medium fine grained quartzite wacke.				
475					Ser	wk										
					Bt	mod										
		Vn	40	480.1												
480																

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GRAPHIC m	GRAPHIC LITH	PRIMARY FABRICS & STRUCTURES TYPE	PRIMARY FABRICS & STRUCTURES DCA	PRIMARY FABRICS & STRUCTURES (m)	ALTERATION TYPE	ALTERATION INT	ALTERATION (m)	MINERALIZATION TYPE MIN	MINERALIZATION TYPE STR	MINERALIZATION INT/ SIZE	MINERALIZATION (m)	COMMENTS	ASSAY INTERVALS & RESULTS FROM	TO	INT (m)	SAMPLE #
480												A_2 Continued				
		S_0	72	480.9								479.9 m Rounded spherical vein at 480.1m 2 cm wide with calcite selvage.				
		cc Vn	HS	484.4								477.9- 725.1m **Middle Aldridge (A2)**				
485		Vn	75	488.0				Po	Vn 2.5cm	5%	488.0	481.7 m Broken up quartz vein.				
					Chl	mod	493.3 506.4					482.1m healed 20 cm wide breccia zone, fragments vary in size. Siltstone fragments in SiO2 matrix fault zone. 80 cm wide with distorted and fractured quartz veins moderately chloritized. Abundant fine disseminated euhedral pyrite.	483.0	484.0	1.0	16294
490		Frx	30	493.3				Sph	Vn 1cm	5%	490.5	490.5m get 1 cm wide quartz vein with sphalerite.				
					Bt	mod	500.3 502.4					495.0m get distorted siltstone laminae with a significant amount of pyrrhotized fragments over 60 cm. whispy pyrrohitized fragments are elongated and chloritized.	492.3	492.9	0.60	16295
495		S_1	62	497.8				Po	Vn 2mm	5%	495.9	496.0-496.2m Massive brown siltstone with whispy pyrrhotite.	495.0	496.0	1.0	16344
		S_0	78	501.5								498.2-498.8m Moderately foliated siltstone with biotite fabric. Ghosty quartz veins within very brown biotite.				
500												500.3 - 502.4m Siltstone massive unit.	500.8	502.4	1.6	16296
					Bt	mod	501.9					507.5m Finely disseminated pyrite in vein with chlorite envelope.				
505					CC	mod	508.0									
		Vn	88	507.5				Py	Vn 1.5cm	5%	507.5					
510																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
510					Bt	mod	512.2 518.1					510 0m. Quartzitic wacke beds are dominant, have brown/maroon colour due to high biotite content.					
		So	72	513.3								518.7m Cross cutting 1 cm widequartz/calcite vein coarse sericite along selvage.					
515		Qtz/cc Vn	75	514 8								522.5-523.5m Flame structures in laminated siltstone.	515.0	517.0	2.0	16297	
												525.5m 3 mm wide biotite/quartz vein.	521.7	522.5	0.80	16298	
520												527.7m Large subrounded chert clast.					
		So	80	519 5								529.7-529.8m Core broken up.					
					Chl	mod	525.9 526.4					531.5-532.0m Broken up core. Ghost quartz vein with chlorite envelope and fine disseminated pyrite in vein.	529.6	531.3	1.70	16299	
525								Py	cl.ss 2cm	5%	532.6	533.0m Irregular quartz vein at with chlorite envelope. Vein is fractured and distorted.					
		Flx	45	527.6													
530								Po	Vn 1 cm	2%	533.1						
		Chl/cc Vn	40	533.8									538.5	539.2	0.70	16300	
535																	
		Flx	45	533.9													
540																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
540		Fl x	35	541.4								547.0-547.9m core is moderately fractured. Fractures have weak chloritic envelopes.					
												548.8-549.0m A number of distorted ghost veins with weak chlorite, sericite in vein.					
545		So	88	546.3								555.5-556.1m Lots of chert clasts in massive quartzitic wacke. No alteration or sulphides.					
												557.0-557.4m large 40 cm wide quartz, biotite, garnet concretion.					
												558.2-558.3m Moderately fractured and chlorite zed quartzitic wacke.					
550		Fl x	50	559.3								545.0-561.2m Mostly massive quartzitic wackes with occasion rip up clasts and fine individual mud lamina.					
												562.5m Siltstones show cross laminations.					
555		S1	88	562.6								Chlorite filling fractures in laminated siltstone. Siltstone brown colour due to high biotite content.					
560																	
								Po	Vn 3mm	5%	568.2						
565		Bt 10+2 Vn	30	568.2	Chl	mod	562.5										
					Bt	mod	561.0										
570																	

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m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #
570		So	78	570.1				Po	Vn 1mm	1%	572.1	*Massive biotite rich quartzitic wacke*	562.0	564.0	2.0	16301
		Frx	45	574.3								569.1 – 574.1m Small quartz/calcite stringer vein with pyrrhotite in vein. 3 mm wide chlorite envelope	572.9	574.2	1.3	16302
575		So	88	577.9								575.1 – 580.5m Significant biotite in core, core is chocolate brown.	576.9	578.9	2.0	16303
								Po	Vn 7cm	2%	580.1	579.0 – 579.8m Moderate chlorite alteration found along fractures between.				
580		Vn	88	581.6	Chl	mod	579.4 578.8					581.6m Vein with quartz breccia within a sericite pyrrhotite matrix and a biotite selvage.				
												581.8m Large white bull quartz vein with biotite/chlorite pyrrhotite selvage.	582.0	584.2	1.8	16304
		So	87	584.2								587.1 – 589.4m Brown biotite in core, quartzite wacke has brown colour.				
					Chl Bt	wk mod	582.5 581.6	Po	Vn 8cm	5%	584.8	590.3m *ptygmatic folds in vein with biotite/sericite selvage and pyrrhotite in vein.*				
585		Vn	45	588.4								598.3 – 598.5m Massive quartzite wacke with elongated 2-3 cm long black irregular blotches with disseminated pyrrhotite inside.				
												598.9m 8 cm elongated subrounded tourmalinized fragment in laminated siltstone.	589.5	590.1	0.6	16305
590		Qtz/cc Vn	70	589.5	Chl	mod	586.6 586.7									
595								Po	Vn 3mm	2%	597.4					
		Vn	30	599.6									595.1	596.0	0.9	16306
600																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
600		Fix	30	601.4				Po	Vn 5cm	5%	600.5	600.5 – 600.6m 5 cm wide irregular quartz vein with biotite along the selvage. Large Tourmalinized fragment, 4 cm elongated subrounded in massive quartzitic wacke.	601.7	602.7	1.0	16307	
605		Bt/Chl Vn	10	606.7	Chl	wk	609.1 609.2					604.4m Large, 5 cm wide, subrounded tourmalinized fragment in distorted siltstone. Distorted siltstone has flame structures.					
		So	80	612.4				Po	Vn 3cm	1%	611.1	610.1m Flame structures in laminated siltstones.					
610		cc/ser Qtz Vn	25	613.5								613.4 – 614.4m Massive medium grey quartzite wacke, thick bedded with 1-2 cm long elongated, subrounded, while cherty fragments, ghosty in appearance, diffuse contrast.					
												615.8 – 616.0m Massive quartzitic wacke with diffuse 3-4 cm wide black irregular spots.					
615												619.5 – 619.6m Flame structures in siltstone.					
		So	75	617.5								627.3m Pull apart vein with biotite selvage and chlorite envelope.	620.2	621.2	1.0	16308	
												627.5m Broken up fractured quartz vein with strong biotite selvage and some weak chlorite in vein. Pyrite and pyrrhotite in vein. Vein width 10 cm.	622.1	623.3	1.2	16309	
620		Fix	30	619.4	Chl	wk	621.7 621.9	Py	Vn 1mm	2%	621.5	629.5 – 630.0m Series of 2-3 mm wide fractured and offset quartz veins with strong biotite selvages.					
		Vn	15	624.3													
625		S_1	85	626.2													
630																	

RIO ALGOM EXPLORATION INC.

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	TCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 *Continued*	FROM	TO	INT (m)	SAMPLE #
630		So	45	630.2								631.1m Ptygmatic fold in quartz vein. Vein has strong biotite selvage, sericite/chlorite envelope. Some tourmaline needles in vein.				
		Vn	60	631.1								632.7m Core broken up, fractured, moderate chlorite alteration. Core moderately sheared.				
635		Flt	80	635.0	Chl	mod	637.7	Po	Vn 2mm	5%	637.7	639.5m Flame structures	647.6	649.5	1.9	16310
					Bt	mod	639.9					639.9 – 640.5m Dark grey quartzitic wacke with 2-3 mm diameter diffuse block splotches with white diffuse core. Core is cherty looking.				
640		So	80	636.4								642.6m 3 mm wide biotite vein with pyrite selvage and SiO_2, tourmaline, chlorite envelope. Tourmaline is in fine acicular needles, chlorite as spots.				
		S_1	80	637.7								645.0 – 645.9m Strong shear zone, strongly chloritized, biotite.				
					SiO_2	Str	642.5	Py	Vn 3mm	1%	642.6					
645					Tour	wk	642.7									
		So	82	641.6	Bt	Str										
					Chl	wk										
650		S_1	20	645.1	Chl	Str	645.0	Po	Vn 2mm	5%	651.4					
					Bt	Str	645.9									
		Vn	20	651.5	Ser	mod										
655																
660																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
660		So	77	660.9													
												661.0 – 661.2m Flame structures in siltstones.	661.9	663.1	1.2	16311	
												667.0 – 668.0m Flame structures in siltstones.	667.2	668.0	0.8	16312	
665		Fix	45	664.9								672.7 – 672.8m Series of thin ghosty quartz veins.					
												673.0 – 673.8m Flame structures in siltstone.					
												674.5m Irregular quartz vein with chlorite, biotite selvage.					
670		So	70	670.4								679.2m Irregular fractured vein with ghosty selvages and disseminations of pyrrhotite in selvage.					
												679.4m Weak shear at 45° to CA					
		Vn	60	672.7				Po	Vn 2mm	1%	6729	688.7 – 688.8m Pyrrhotized fragment in massive quartzite wacke. Could be small fragmental.					
675												689.9m Thin gouge fault/shear 1-2 cm wide.					
		Fix	60	679.2													
		Sh	45	679.4				Po	Vn 4cm	2%	6792						
680					Chl	mod	682.6 682.7						680.3	681.4	1.1	16313	
		So	80	684.2	Bt	mod	686.4										
685					Chl	mod	686.6										
													689.3	689.9	0.6	16314	
690		Sh	87	689.9													

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #
690		S_0	80	690.7												
		S_1	81	692.6	Bt	mod	694.3 694.5					706.4m 1 mm wide ptygmatic vein with biotite selvage.				
695		Fr_K	45	698.1								709.0m Disseminated pyrite (10%) within 10 cm wide concretion. Concretion has strong biotite alteration.				
		S_0	88	701.3								713.5m Cross laminations in siltstone.	696.1	696.4	0.3	16315
700												716.0 – 716.4m Subrounded elongated 1-5 cm long mud and chert clasts with diffuse surfaces in massive medium grey quartzitic wacke.				
		Vn	89	706.4												
705																
		S_0	86	711.3									710.9	712.0	1.1	16316
710													713.83	715.22	1.61	16347
								P_2	Vn 3mm	2%	712.0		712.5	713.83	1.33	16346
715		S_0	85	714.9				P_2	Vn 1mm	2%	712.4		715.2	716.9	1.7	16317
													719.9	721.2	1.3	16318
720																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
720		So	87	720.1	Chl	wk	721.6					725.1 to 740.2m **Transition zone**				
		Fix	10	722.7			722.7	Po	Vn 1mm	5%	726.5	724.7m Starting to see sharp brown biotite laminae or bands in core.				
725												729.6 – 729.7m Massive black muddy section, argillite.	728.6	730.0	1.4	16319
		So	88	726.8								725.9 – 735.0m No distorted bedding, thin bedded siltstones are pristine.				
												735.7m Cross laminations, bedding is upright.				
730		So	89	730.7								740.2 - 830.2m **Lower Aldridge (A1)**				
												740.1m Cross laminations.				
		Fix	40	737.0								740.2m Getting repetitions of fine grained thin bedded brown biotite siltstone layers and lighter off white thin bedded siltstone layers, sharp contrast between beds. Occasional fine cross laminations.				
735												743.0m Starting so see finely laminated brown and biotite siltstone. Getting alteration between off white bands 2-3 cm thick and finely laminated biotite rich dark bands 5-12 cm Thick. Significant pyrite along fractures of broken core.				
740																
		Vn	45	746.6												
745																
		Sh	90	748.5				Py	Vn 25mm	2%	749.0					
750																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A_1 Lower Aldridge Continued**	FROM	TO	INT (m)	SAMPLE #
750		Vn	10	751.7									751.0	753.0	2.0	16320
		So	20	753.5								Significant amount of pyrite in core fracture surfaces (5%). Laminated fine grained siltstone beds often folded. 763.8m Get finely laminated bedding parallel to pyrrhotite. 767.4m Significant calcite along fracture surface of broken core, 767.5m Numerous pyrrhotite veins in laminated siltstone. 769.9m Ptygmatic folded vein. 772.9m Large 9 cm wide irregular bull quartz vein with coarse biotite and sericite in vein and chlorite along the selvage.				
755																
		So	45	757.6												
760																
		Vn	45	762.8												
765		So	75	763.9									764.2	765.8	1.6	16321
		Vn	35	769.9												
770		So	60	770.5									773.5	775.4	1.9	16322
													777.9	778.7	0.8	16323
775		So	78	774.2												
780																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A_1 Lower Aldridge Continued**	FROM	TO	INT (m)	SAMPLE #
780																
		So	45	783.2	Ser	mod	789.4	Po	Vn 3mm	2%	788.6	788.6m Ghosty quartz veins.				
					Bt	mod	789.5					Still see alternating dark and white/off white/grey bands.				
785												788.6m mud content increases, more laminated argillite.				
		cc Vn	65	788.3				Py	msv 2cm	20%	789.4	792.9 – 793.1m Finely laminated dark grey to black mud package.	780.7	782.1	1.4	16324
												739.9 – 795.1m Massive thick bedded siltstone, brown with biotite and finely disseminated pyrrhotite.				
790		So	30	788.7								795.4 – 796.5m Finely laminated dark grey to black to dark brown mud package within bands of disseminated pyrrhotite. Dry core has pinkish colour to it due to the biotite.	785.7	786.4	0.7	16325
		Vn	35	792.0								800.3m sharp contrasting light and dark bands are prevalent with maroon pinkish tinge to core Medium sized calcite replacing sericite, crystals found on light bands.	787.0	787.3	0.3	16326
795													787.45	787.9	0.45	16327
								CPy	Vn	1%	800.1		792.8	793.2	0.4	16328
		So	72	799.9	Bt	mod	799.1 799.5	Po	5cm	2%			793.9	795.0	1.1	16329
800													795.5	796.7	1.2	16330
		Vn	60	806.3				Po	Vn	5%	806.3		799.0	799.9	0.9	16331
805								CPy	2cm	1%						
		So	62	809.3									809.25	810.9	1.65	16332
810																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
810		So	28	813.6				cpy Po	Vn 3mm	1% 2%	813.9	Core looks like typical A1 with dark and light bands alternating. Bands are 2-5 cm wide with sharp contrast.				
815		cc Vn	15	813.9				Po	Vn 3cm	2%	821.4	Bands consist of finely laminated silt. Pinkish hue to core due to biotite. Get 1-3 mm dark brown biotite bands.	824.25	825.45	1.2	16333
		So	45	817.3								822.2m Get thin bands (1-2 mm) of sericite.	827.2	828.25	1.05	16334
820												824.3 – 825.5m Fine grained argillite mud package.				
		So	60	823.9				Asp	Vn 2cm	2%	831.1	824.6m Ghosty faint quartz vein	828.7	830.2	1.50	16345
		Sh	60	824.6								824.6m small moderately chloritized shear with brecciated quartz vein.	832.6	833.6	1.0	16335
825												824.6 – 827.1m Core is moderately fractured with some weak chlorite alteration along fracture planes.				
		Frx	38	832.1	Chl	str	827.1					827.1 – 827.9m Moderately chloritized fractured zone with ghosty irregular fractured quartz veins.				
					SiO_2	mod	827.9	Po	Vn	5%	832.9	828.8 – 830.2m Strongly fractured siltstone with 10-15 cm wide fractured ghosty vein. Moderate chlorite. SiO_2 alteration.				
830		Vn	50	836.8	Chl	str	829.8	cpy	10cm	1%		829.7m Strongly fractured chloritized silicified siltstone with pyrrhotized fragment.				
					SiO_2	mod	830.2					829.9 – 830.1m Strongly brecciated chloritized 3-4 cm wide quartz vein.				
835												830.2-851.7m Gabbro				
		Vn	60	837.3				Po	Vn 5cm	2%	836.3	830.2m *Fine crystalline equigranular chlorite.* Biotite sericite gabbro with weak calcite alteration.				
840																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
840		Vn	50	840.7				cpy	Vn	5%	841.4	831.1m ptygmatic fold in quartz vein. Vein has disseminated arsenopyrite and chlorite biotite envelope.				
								Po	2mm	5%		832.7m Irregular white bull quartz vein 10 cm wide with 5% pyrrhotite and 0.5% chalcopyrite.				
		Frx	45	841.8	Bt	Str	843.6					835.6m Irregular quartz vein 6 cm wide with biotite selvage. Pyrrhotite in vein 2%.				
845					Chl	Str	844.2					843.5m Irregular calcite vein 1-3 mm.				
								Po	Vn	2%	847.0	843.9m Gabbro becomes very fine crystalline.	843.5	844.9	1.4	16336
		Vn	10	843.7				cpy	2cm	1%		844.1m Irregular quartz calcite vein 2 cm thick.				
850		Vn	45	844.4	Bt	Str	849.8					847.2m Irregular quartz vein 2 cm wide with biotite selvage.				
							860.1					850.6m Brecciated quartz vein.	847.0	848.0	1.0	16337
		ccVn	20	848.9	Chl	mod	850.1	Po	Vn	1%	850.3	851.3m Broken up fracture 2 cm wide, ghosty quartz vein.				
							850.3		1cm			851.7-866.5m Lower Aldridge (A1)				
855		Sh	50	850.6								851.7m Get medium brown massive thick bedded medium grained equigranular quartzite wacke. Footwall quartzite.	850.1	851.5	1.4	16338
					Bt	Str	850.9									
							851.8					855.6 – 856.8m Moderately fractured core, fractures have calcite filling with chlorite envelope.	855.7	856.9	1.2	16339
860		Frx	45	855.4	Bt	Str	855.5	Po	Vn	2%	857.4	856.3 – 856.5m Moderately brecciated with calcite infilling fractures, whole section has moderate chlorite alteration.	856.9	858.0	1.1	16349
					Chl	mod	855.8	cpy	3mm	1%						
		Sh	45	856.4								858.2 – 858.8m Core broken up.	860.4	860.8	0.4	16340
865												860.5 – 866.5m Biotite increases, core has brown hue to it. Get occasional thin diffuse laminae in quartzitic wacke.	860.9	861.25	0.35	16341
		So	60	860.2								866.5m END OF HOLE				
870																

RIO ALGOM EXPLORATION INC. DRILL HOLE SUMMARY SHEET

PROJECT NAME: Findlay South | **DDH# FS-00-2**

REASON FOR DRILLING HOLE: Test Sullivan Horizon.

GENERAL

DATES			DRILL COMPANY		GEOLOGIST
	Time	Date	Contractor:	Beaupre Diamond Drilling Ltd	Logged by: P.M. Donnelly
Start:	Evening	06/17/00	Drill Rig:	Longyear Super 38	
End:	Evening	07/08/00	Core Size:	NQ	

SURVEY

LOCATION		DOWNHOLE SURVEYS							
NTS:	82K/01	Type	Depth (m)	Azimuth	Dip	Type	Depth (m)	Azimuth	Dip
Section:		Pajari	111.9	146.75	-81	Pajari	531.1	154.75	-74
Easting:	555700	Pajari	236.9	136.75	-74	Pajari	668.9	147.75	-71
Northing:	5543170	Pajari	304.0	132.75	-78	Pajari	779.6	145.25	-75
Elev. (m)	2420	Pajari	422.9	145.75	-74	Pajari	871.0	144.75	-71

GEOLOGY CAPSULE – INTERCEPTS

FROM (m)	TO (m)	ROCK TYPE	COMMENTS	FROM (m)	TO (m)	ROCK TYPE	COMMENTS
0	9.15	Casing		575.4	613.1	Gabbro	
9.15	147.7	A2		613.1	744.0	A2	
147.7	148.8	Gabbro			744.0		Middle Lower Aldridge Contact (LMC)
148.8	214.7	A2		744.0	746.9	A2,A1	Transition Zone
214.7	216.1	Gabbro		746.9	747.1	Fragmental	
216.1	328.4	A2		747.1	755.6	A2, A1	Transition Zone
328.4	329.8	Lamp		755.6	756.1	Fragmental	
329.8	423.5	A2		756.1	757.9	A2,A1	Transition Zone
423.5	423.6	Gabbro		757.9	762.0	Fragmental	
423.6	575.4	A2		762.0	763.1	A2, A1	Transition Zone

PERCENT RECOVERY
99% (Estimated)

PHOTOGRAPHS

****Intercepts continued on Page 2**

REASON FOR ENDING HOLE/COMMENTS:
Drilled into Lower Aldridge, past Sullivan Horizon.

RIO ALGOM EXPLORATION INC.

Property Findlay South

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
0												0-9.15m **Casing**				
5												9.15-147.7m **Middle Aldridge (A2)**				
10		Vn	10	10.8								9.15 – 17.4m Core strongly broken up. 9.15 – 14.3m Core is rusty.	16.75	17.0	0.25	16351
		Frx	30	19.6								10.9m 2 cm wide subrounded black fragment 12.2m Narrow 2-5 cm wide brecciated quartz vein.	17.0	18.0	1.0	16352
15		Vn	20	22.8								16.2 – 16.7m Good Marker – Monroe				
												20.1 – 20.5m 3 thick white bull quartz veins 6-10 cm wide with coarse biotite in vein and moderate chlorite selvage. Pyrrhotite in vein.				
20		Frx	20	23.4	Bt Chl Ser	Str mod wk	20.1 20.5					22.2 m 1-2 cm subrounded diffuse black fragments in quartzite wacke.				
25	A	So	82	25.5	Bt Chl	mod mod	20.6 21.0	Sph Gal Po	Vn 2mm	2% 1% 1%	25.1	25.3m 6 cm of marker – Monroe?	25.0	26.5	1.50	16353
30																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #	
30		Frx	30	31.0								30.5m Calcite replacing euhedral medium sized sericite.	30.06	31.2	1.14	16354	
		So	75	34.0								33.0 – 33.35m Quartz, garnet, biotite concretion.	34.2	35.2	1.0	16355	
35												35.5 – 38.7m Core broken up, highly fractured.					
		g+E/cc Vn	30	39.0									36.85	37.85	1.0	16356	
					Chl	mod	41.2					41.1m Massive quartzitic wacke with a single tourmalinized 6 mm fragment.	39.14	40.94	1.80	16357	
40					BE	wk	41.7										
		So	82	39.4	BE	mod	43.6	Po	Vn	2/	41.7	43.7m Diffuse, ghosty quartz vein.	42.47	43.87	1.40	16358	
					Chl	wk	43.7	cpy	1cm	0.5%			48.64	48.89	0.25	16359	
45												51.9 – 52.1m Fractured, distorted chloritized vein with finely disseminated euhedral pyrite.					
		S,	50	45.5									48.94	49.40	0.46	16360	
50		So	80	51.4								55.5m Fractured ghosty quartz vein.					
								Po	Vn	10/.	48.9						
								cpy	2cm	0.5%							
55																	
60																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
60		So	88	60.5								60.6m Irregular quartz vein, 2 cm wide.				
65		S1	76	63.5												
		So	83	71.3	Chl	mod	67.8 69.9	Po	Vn 1cm	5%	68.7	69.7m Cherty elongated 1 cm long fragment.	65.63	66.72	1.09	16361
70		Vn	30	76.8								76.4m Weak shear at 70 degrees to CA.	71.12	71.6	0.48	16362
75		Fr	30	79.3									71.64	72.55	0.91	16363
					SiO_2	wk	77.6						79.5	80.25	0.75	16364
80		S1	70	82.2	Chl	wk	77.8	Po Cpy	Vn 2mm	2% 0.5%	78.9	85.4m Some cross laminations in siltstone. 87.4m 4 cm long rounded quartz clasts in massive quartzite.	82.15	82.4	0.25	16365
85		So	78	88.6				Sph	Vn 2mm	2%	82.2		90.6	91.4	0.8	16366
90																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
90		So	75	92.5								Thinly bedded to laminated light brown to tan siltstone becoming more prevalent after 90m.				
95		Vn	30	99.0	Chl	Str	96.2									
					Bt	Str	96.6					96.3 – 96.5m 20 cm wide irregular bull quartz vein with strong chlorite/biotite envelope.				
		Vn	30	101.9	Ser	mod		Po	Vn	2%	99.5					
100					Chl	mod	100.4	Cpy	2mm	0.5%		99.2 – 99.3m Series of anastomosing 1 mm wide irregular calcite veins.	106.2	107.2	1.0	16367
		Fr	40	102.8			100.5									
					Chl	mod	103.8									
105					Bt	mod	103.9					103.9 – 104.1m Siltstone with small calcite casts; calcite is dissolved away.				
		So	80	106.3								107.5 – 107.6m Euhedral, medium-sized calcite pseudomorphs replacing sericite in laminated diffuse siltstone.	113.8	114.7	0.9	16368
110		S1	66	112.9												
												114.5m Crosscutting vein with coarse sphalerite.				
115								Sph	Vn	2%	114.5					
					Chl	mod	118.5	Po	2cm	5%		117.4m Irregular 5 cm thick quartz vein.				
					Bt	mod	118.8	Cpy		0.5%						
					Ser	wk						118.4m 10 cm wide white bull quartz vein.				
120																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
120		S_o	85	121.9				Po	Vn 1cm	2%	121.6	120.5 – 120.6m Massive quartzitic wacke with quartz, chlorite, sericite, diffuse 1-2 cm blotches.				
					Bt	mod	125.8									
125		Frx	30	127.5	Chl	mod	126.1	Po	Vn	2%	125.6					
					cc	mod		cpy	3mm	0.5%		128.1 – 128.4m Massive quartzitic wacke with light grey quartz; diffuse 2-3 mm blotches.	122.9	123.9	1.0	16369
		S_o	88	129.2												
130		S_o	83	131.1												
					Chl	mod	133.7	Po	Vn 5mm	2%	135.1	130.1 – 130.3m Fractures have 1-2 mm chlorite envelope.	135.7	137.9	1.2	16370
		Vn	52	134.4			138.1									
135												138.9m 4 cm wide bull quartz vein.				
		Chl Vn	50	140.3												
								Po	Vn	20%	139.4	143.5m 1 mm spherical calcite infills in chloritized quartzitic wacke.				
140								cpy	5cm	1%		143.6 – 144.2m No recovered core!				
												147.7 – 148.8m **Gabbro**				
		Vn	40	147.9												
145												147.7 – 148.8m Fine crystalline, strongly chloritic, moderate calcite, equigranular gabbro.	142.6	144.8	2.2	16371
					Chl	Str	147.7									
					Bt	Str	147.5					148.8-214.7m **Middle Aldridge (A_2)**				
150					Ser	mod										

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
150		So	70	152.3								153.5m 7 cm elliptical flattened pyrrhotized fragment with black selvage in massive siltstone.				
		S1	74	153.6				Po	dis	2%	150.8					
155								cpy	dis	0.5%			153.0	153.5	0.5	16372
												162.8 – 164.5m Significant amount of fine to medium-sized chlorite clots in thin bedded/lamina siltstones.	154.3	155.2	0.9	16373
160		Vn	80	162.2				Po	Vn	1%	155.2					
					Chl	mod	162.1 – 162.4	cpy	2cm	0.5%						
												166.3m Coarse galena in crosscutting quartz vein.	165.9	166.7	0.8	16374
165	Pbs	chl/cc	30	166.4				Gal	Vn	2%	166.3					
		Vn						Po	2cm	5%						
	Pbs											167.6m Coarse galena in fracture with pyrrhotite. Fracture 2 mm wide.				
170								Gal	dis	2%	167.6					
		Fr x	20	168.1												
175		So	80	169.5												
								Po	Vn	1%	171.8					
		So	81	179.4					3mm							
180																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
180		So	84	180.9	Chl Bt Ser	Str mod mod	181.2 181.6	Po CPy	Vn 5cm	5% 0.5	181.5		182.0	183.2	1.2	16375
185		cc/anz Vn	40	184.2								193.4 – 194.8m Core broken up.				
190		Frx	20	192.9				Asp Po CPy	Vn 2cm	1% 0.5% 0.1%	197.4	Laminated to thin bedded siltstones do not show distortions, get occasional fragment. Quartzitic wacke/wacke more common than in SF-00-1.				
195		So	83	197.8												
200		Vn	30	199.0								208.3 – 208.4m Fractured ghosty 5 cm diffuse quartz vein.	201.0	201.5	0.5	16376
205		So	80	201.3				Po CPy	Vn 5cm	1% 0.1%	208.3					
210		cc Vn	45	207.5												

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #	
210		S_1	70	212.4	Chl	mod	212.3					210.9 – 211.8m Massive thick bedded light grey equigranular quartzitic wacke with 1-2 mm diameter black spherical diffuse spots – biotite clots.					
					Bt	mod	213.8										
		S_0	70	214.2								214.7-216.1 **Gabbro**					
215												214.7 – 216.1m Olive green, black equigranular chlorite biotite calcite gabbro with numerous fractures, veins, veinlets.					
		Frx	60	215.7								216.1-328.4m **Middle Aldridge (A_2)**	220.8	221.6	0.8	16377	
220												218.7m Pyrrhotized diffuse fragment in massive quartzitic wacke.					
					Chl	Str	223.5	Po	Vn	2'-	220.4	220.0m Distorted siltstone with 6-8 mm wide subrounded elongated chert chips.,					
					Bt	Str	223.6	CPy	3mm	0.1'/.							
		S_0	72	222.2								225.7 – 226.2m Massive black medium bedded siltstone with numerous 8-10 cm long 2-3 mm wide flattened elongated tourmalinized clasts, parallel to bedding.					
225												226.2 – 226.7m Massive black muddy section..	229.6	231.4	1.8	16378	
		Vn	80	223.6								229.6m weak shear at 72 degrees to Core Axis					
230												229.6 – 231.4m Core moderately to strongly fractured with numerous fractured ghosty 1-3 mm diffuse quartz veins with moderate chlorite, biotite alteration.					
		S_0	81	224.5								232.1 – 233.3m Core has moderate cleavage and moderate chlorite alteration.					
235												237.4 – 238.7m 1m wide zone of brecciated and fracture siltstone with fractured brecciated 1 cm to 2 mm wide ghosty quartz veins with moderate to strong chlorite, biotite and calcite					
		S_0	70	229.0													
240		S_1	72	229.6								alteration with disseminated to semi massive pyrrhotite throughout zone.					

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m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
240		S_1	74	240.1	Chl	ser	241.3	Po	Vn	1%	242.6	240.0 – 241.2m Moderately chloritized and foliation section with occasional 1-5 mm wide diffuse ghosty quartz veins.				
					Bt	mod	241.1	cpy	4cm	0.1%						
		Vn	70	242.2	Ser	mod										
245		Sh	82	246.2	Chl	ext	244.1					241.5m *Folded diffuse 5 cm wide quartz vein within moderate chlorite biotite 5 cm wide envelope.*	242.7	243.5	0.8	16379
					Sio2	ext	256.2									
		Sh	75	253.4	Bt	mod						241.3 – 244.1m Moderately foliated thin bedded to laminated siltstone with moderate chlorite alteration with occasional 1-3 mm wide ghost quartz vein.	244.6	246.5	1.9	16380
250					Ser	str										
		So	80	260.9	Chl	mod	256.2					244.1 – 248.4m Light green strongly foliated, strongly chloritized silicified brecciated sheared healed fault zone. Relic thin bedded siltstone and siltstone laminations seen.	249.5	250.3	0.8	16381
					Sio2	mod	257.3									
					Bt	wk						Numerous anastomosing fractured, folded diffuse quartz veins. Euhedral finely disseminated (1%) pyrite spread throughout with occasional weak to moderate brown biotite.	251.1	252.1	1.0	16382
255		So	80	265.3	Ser	mod							252.4	253.5	1.1	16383
												At 248.4 to 257.4m get extreme chlorite alteration and silicification. Extremely foliated sheared anastomosing veins relic sedimentary textures less apparent. Strong sericite alteration with 2% euhedral disseminated pyrite throughout. Quartz flooding with sheared brecciated convoluted folded 2-8 mm wide quartz veins.				
		Sh	45	267.0				Po	Vn	1%	259.9					
260								cpy	5cm	0.1%						
		So	85	268.1								256.2 – 257.3m Get fractured, moderately chloritized silicified siltstone/quartzitic wacke.				
												268.15m Boudinaged – pulled apart quartz vein.				
265								Po	Vn 1mm	2%	267.7					
270																

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m	LITH	TYPE	CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
270		Frx	40	270.1				Po	Vn 3mm	2%	272.1	269.5m 10 cm wide irregular cross cutting bull quartz vein with 5 cm wide chlorite, biotite envelope.				
		Sh	85	272.7												
275		Fr	50	275.0				Po cpy	Vn 1cm	10%. 2%	274.7	273.9 – 274.1m Get 1-2 cm elongated tourmalinized clasts in distorted thin bedded laminated siltstone.	273.6	274.3	0.7	16384
280		Qtz/cc Vn	30	280.6								285.2 – 285.7m Massive black silty mud package.				
		So	78	281.4								285.8m 2 cm long black subrounded elongated tourmaline clast.	285.3	285.6	0.3	16385
285		cc Vn	30	284.0												
290		Qtz/cc Vn	40	292.1												
		S1	85	296.6								293.7m Cross laminations in fine siltstone.	296.8	297.5	0.7	16386
295		So	87	296.9								296.7m Beginning to get higher (brown) biotite content in thin bedded/laminated siltstones.				
300																

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
300								Po	Vn	2%	300.1	300.1m Boudinaged or pull apart 3 mm wide quartz vein.				
								Py	5mm	1%						
		So	85	301.7	Chl	mod	304.3					304.45-306.0 **Gabbro**				
305					Bt	wk	304.7									
		S1	80	307.7	cc	mod		Po	Vn	2%	304.7	304.45 – 306.0m Moderate green fine crystalline equigranular gabbro with weak to moderate chlorite/biotite alteration.				
								Cpy	2mm	0.1%						
310		So	80	312.4												
													310.8	311.7	0.9	16387
		Vn	30	316.7												
315																
		Fix	10	321.1									319.1	319.8	0.7	16388
								Po	Vn	2%	327.9	328.4 – 329.8m **Lamprophyre dike**				
320								Cpy	5mm	0.5%		328.4 – 329.8m Green porphyritic strongly chloritized calcite biotite replacing subhedral pyroxenes – lamprophyre dyke.				
		So	88	325.2								329.8 – 423.5m **Middle Aldridge (A_2)**	324.5	325.1	0.6	16389
325																
		Vn	60	327.9								329.6 – 329.9m Core broken up.				
								Py	Vn 1cm	5%	329.1					
330																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
330	tf	Chl Vn	55	332.2				cPy	Vn 2cm	2%	334.1	334.1m 2 cm irregular quartz vein with very fine disseminated chalcopyrite with biotite chlorite selvage.	334.9	335.4	0.5	16390
		So	88	337.0								335.1m 10 cm wide distorted irregular quartz, calcite, chlorite, biotite vein, brecciated in sections.				
335		So	82	340.2				Po	Vn 1cm	2%	343.4	335.3m 8 cm wide quartz calcite, chlorite, biotite brecciated irregular vein.				
340		Fr	15	344.2								339.0 – 339.1m Light grey diffuse ghosty elongated blotches in massive medium grey quartzite wacke.				
		cc Vn	30	347.3								343.2 – 343.4m Wispy dark grey/black 5 mm to 1 cm long diffuse flattened biotite fragments.	347.4	348.2	0.8	16391
345		So	78	349.2								345.0 – 345.3m Blotchy diffuse white silicified 1-2 cm wide irregular blotches in medium grey quartzitic wacke.				
		S.	80	351.7	Chl	mod	351.2 352.3	Po	Vn 2cm	1%	356.4	348.2 – 351.1m Get sharply contrasting 3 mm to 1 cm wide wavy dark and light laminations.				
350		Sh	70	351.9								351.3m 2 cm wide irregular brecciated quartz calcite vein with strong chlorite alteration.	358.6	359.5	0.9	16392
		Vn	40	356.6	Chl	mod	359.2 359.4					351.9m 2 cm wide weak shear.				
355		Fix	28	359.2												
360																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #	
360		So	83	360.5				Po cpy	Vn 2cm	2% 0.5%	362.6	364.9 – 367.1m Get medium to dark grey quartzitic wacke 10-20 cm sections with 10 cm wide bands of light to medium grey laminated siltstones.	360.3	361.2	0.9	16393	
365		Fr	25	363.2													
		Vn	25	370.9													
370		Fr	20	374.5				Po cpy	Vn 2cm	2% 0.5%	368.3	376.3m 6 cm long, 5 cm wide black muddy irregular blotch in massive thick bedded quartzitic wacke/quartzite.					
		Vn	25	378.9								377.3 – 377.6m Wispy diffuse elongated chloritized 7-8 cm long, 1 cm wide fragments in massive quartzitic wacke.					
375		So	88	380.0													
		cc Vn	45	385.5				Po	Vn 3mm	2%	381.5	382.3m 2-3 cm wide quartz vein with sharp biotite selvage with semi massive pyrrhotite and disseminated chalcopyrite within a chlorite biotite envelope.	377.2	378.1	0.9	16394	
380		Fr	20	387.5									378.1	379.5	1.4	16395	
												384.6m Flame structures in distorted siltstone.	389.9	390.4	0.5	16396	
385												389.9m Folded 2 cm wide smoky quartz vein with chlorite biotite selvage.					
390																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
390		S_1	25	390.1				Po	Vn 1mm	2%	394	390.9m 20 cm wide irregular white bull quartz vein with calcite/biotite along selvages.				
		S_h	70	391.8												
395		S_0	75	396.9	Chl	wk	401.0 402.8					391.3m Fracture set with chlorite in fractures.				
		S_0	85	402.8								391.7m Irregular 1 cm wide folded quartz vein with strong biotite alteration along the selvage.				
400																
		Frx	20	415.8								392.5m 1 cm wide bedding parallel white calcite vein 75 degrees to CA				
405												393.6m 10 cm wide irregular white quartz vein.				
		S_0	81	417.3									402.8	404.4	1.6	16397
410																
		Frx	15	419.6												
415																
420																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
420		Frx	30	420.3	Bt	Wk	423.5					420.6m Large 5 cm wide cross cutting bull quartz vein.				
					Chl	Wk	423 +									
		So	80	425.8	cc	Str						422.6m Large 20 cm wide irregular diffuse white bull quartz vein.				
425		Sh	70	429.5								423.5 – 423.6m **Gabbro**	424.3	425.1	0.7	16398
		So	75	430.4								423.6 – 575.4m **Middle Aldridge (A_2)**				
430												428.9m Randomly oriented medium crystalline euhedral calcite crystals in laminated siltstone.				
		Frx	30	439.8	Chl	mod	435.6	Po	Vn	2%	434.1					
435								Sph	4cm	0.5%		429.5m 5 cm wide gougy shear 70 degrees to CA.				
		Vn	20	443.4												
440					Chl	mod	446.3	Po	Vn	5%	446.5	446.3 – 448.3m Series of 1 cm wide quartz veins and large 20 cm wide quartz vein with a moderate chloride envelope and disseminated semi massive pyrrhotite vein strikes irregularly along core axis.	440.7	441.8	1.1	16399
		So	88	445.5			448.3	Cpy	1cm	0.1%						
445													446.6	447.3	0.7	16400
		Frx	20	449.5												
450																

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GRAPHIC m	GRAPHIC LITH	PRIMARY FABRICS & STRUCTURES TYPE	PRIMARY FABRICS & STRUCTURES OCA	PRIMARY FABRICS & STRUCTURES (m)	ALTERATION TYPE	ALTERATION INT	ALTERATION (m)	MINERALIZATION TYPE MIN	MINERALIZATION TYPE STR	MINERALIZATION INT/ SIZE	MINERALIZATION (m)	COMMENTS	ASSAY INTERVALS & RESULTS FROM	TO	INT (m)	SAMPLE #
450		Vn	20	451.9	Ser	mod	455.6 - 480.0					**A2 Continued**				
		So	75	452.0				Po	Vn 2mm	2%	458.8	449.6 – 469.9m Thick bedded massive quartzitic wackes, quartz wacke.				
455		Frx	20	454.0									456.6	457.5	0.9	16401
		Vn	30	456.3									457.9	458.4	0.5	16402
460		Frx	30	462.0				Py	Vn 1mm	2%	470.2	470.8m Cross laminations in fine siltstone.				
465		Vn	45	467.2								470.9m 8 cm wide irregular white bull quartz vein with 5% pyrrhotite.				
		So	75	470.7								471.2m Flame structures in laminated siltstone.				
470		Frx	12	473.6				Po Cpy	Vn 6mm	5% 1%	472.7	477.9 – 478.5m Core broken up.				
												479.5 – 479.7m Siltstone laminations strongly distorted get flame structures and chloritized fragments.				
475		So	82	476.2												
480																

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m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #	
480		Vn	30	480.7	Ser	mod	480.7 492.9	Po	Vn 1mm	1%.	480.7	**A2 Continued**	480.7	481.1	0.4	16403	
												484.9m Flame structures in sericitized thinly laminated layer.					
485		So	74	484.8	Bt	Str	492.9										
					Ser	Str	493.2										
		So	80	487.2	Chl	mod		Po	Vn 3mm	2%.	492.9	492.9 – 493.2m Strongly chloritized biotite, sericite alteration in distorted irregular ghosty vein.					
490					Ser	mod	498.0 506.9										
		Frx	35	492.0								497.5m Cross laminations.					
495		Sh	20	494.4													
												502.2m Large 5 cm wide irregular quartz vein with biotite selvage.	494.5	496.2	0.7	16404	
													496.3	496.8	0.5	16405	
500		So	80	499.8				Po	Vn 4cm	5%.	508.2	505.2 – 505.5m Ghosty light grey 1-2 mm wide distorted irregular wispy quartz veins.					
505		Frx	20	509.5													
510																	

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
510		Frx	45	510.6	Chl	mod	505 511.3					510.3m Cross laminations in siltstone.	513.4	515.1	1.75	16406
		So	80	512.0								512.4m Flame structures in laminated siltstones.	515.1	516.3	1.2	16407
515		cc Vn	40	518.0	Ser	mod	518.1 519.5	Po	Vn	10%	515.3	514.0m Weak shear	516.5	517.6	1.1	16408
								Cpy	2cm	1%		515.3m 1-2 cm wide irregular anastomosing calcite quartz veins with 10% pyrrhotite, 1% chalcopyrite. Vein runs along core axis for 70 cm from 515.3 – 516.0m.				
520		Frx	45	521.1												
		So	82	524.8	Chl	mod	524.9 530.1					521.7 – 526.9m Core displays chocolate brown colour due to high biotite content.				
								Po	Vn 2mm	1%	531.4					
525		Frx	30	527.5								526.1m Flame structures in siltstone.				
		cc laiz Vn	50	531.4	Chl	mod	528.9 530.5	Po Cpy	Vn 5cm	5% 2%	532.0	532.4 – 532.6m Narrow chloritized healed breccia zone.	531.2	531.8	0.6	16409
530																
		Si	82	532.5												
535		Si	80	536.5												
540																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
540		So	84	540.1	Ser	mod	540.6 569.9					540.1 – 550.0m 20-30 cm sections of weak to moderate sericite alteration.				
		Frx	30	542.7												
545		So	75	546.7				Po	Vn 1cm	1'1.	552.7					
		Frx	20	550.6								555.2m White thick irregular bull quartz vein 9 cm wide with chlorite, biotite selvage, sericite envelope.	548.5	549.1	0.6	16410
550		Qtz/cc Vn	25	553.5												
555		S1	77	558.5								560.7m Irregular 5 cm wide white bull quartz vein with chlorite/biotite envelope.	558.9	560.3	1.4	16411
		S1	77	561.1												
560		Frx	20	564.5												
565		cc Vn	30	569.3												
570																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #	
570		S_1	78	570.5	Chl	mod	573.3					570.8m Pulled apart 1 cm wide quartz vein.					
		cc Vn	25	574.3	Ser	mod	584.2					575.4 to 613.1m **Gabbro**					
575		S_1	63	575.4								575.4 – 576.3m Chill margin. Fine equigranular chlorite, biotite, gabbro.					
		Fr x	60	583.5								576.2m Gabbro becomes medium to coarse crystalline porphyritic chlorite plagioclase/biotite sericite calcite groundmass. Gabbro has been silicified.					
580																	
								Po	Vn 3mm	2%	591.8	583.9 – 584.2m Chlorite sericite replacing hornblende in porphyritic coarse gabbro.					
		cc Vn	40	588.5													
585													583.4	584.5	1.1	16412	
590												596.0m 10 cm wide green and white chlorite, calcite quartz vein with biotite selvage and fine to medium grained biotite, chlorite, sericite 20 cm wide envelope.					
		Chl cc Qtz Vn	30	596.0													
595																	
600																	

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m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
600		ccVn	35	600.2	Ser	wk	603.5					608.5m Ghosty irregular white diffuse 7 cm wide quartz vein.				
		Vn	20	605.0			616.8					608.6m Gabbro becoming more fine grained, smaller crystals more equigranular.				
605		Fr	25	607.0	Ser	mod	616.8	Po	Vn 5cm	2%	605.0	610.0 – 611.2m Gabbro moderately fractured, moderate sericite alteration in cracks.				
		Vn	20	610.1	SiO_2	Str	618.4					611.1 – 613.3m Strongly foliated, sheared, silicified, folded moderate shear zone. Thin parallel anastomosing folded wavy, stringer, ghosty, diffuse, quartz veins. Strong chlorite biotite alteration in places. 2% disseminations of pyrrhotite.				
610		Sh	62	612.6	Bt	Str	620.1	Po	Vn	5%	609.6	613.1-755.6 ***Middle Aldridge (A_2)***				
					Ser	Str		CPy	3cm	1%		614.2 – 614.4m shear zone moderately brecciated sericitized				
					Ser	mod	620.1					613.8 – 614.3m Ghosty medium grey diffuse 2-3 cm wide series of quartz veins.	609.4	609.7	0.3	16413
615		Fr	40	614.5			626.2					614.9 – 616.2m 1.3m wide coarse quartz biotite chlorite concretion. Biotite are stretched (lineated).	610.0	611.1	1.1	16414
		S_1	85	615.0				Po	Vn	10%	610.5	618.4 – 620.1m Light grey strongly fractured siltstone with elongated 2-9 cm long diffuse fragments. Fragments have biotite alteration along reaction rims with chlorite in middle – Fragmental? Matrix has strong biotite SiO_2 alteration and moderate to strong sericite blotches in places. Has occasional anastomosing 1-2 mm wide quartz veins.	611.1	613.6	2.5	16415
620								CPy	6cm	2%			613.6	615.1	1.5	16416
		Fr	55	617.3								620.1 – 621.4m Strongly silicified with strong biotite, chlorite alteration moderately to strongly fractured siltstone with occasional finely disseminated (2%) pyrite.	619.7	621.1	1.4	16417
625		S_1	62	623.0								621.5 – 622.4m 1-2 mm long needle shaped acicular, euhedral, randomly oriented quartz replacing calcite pseudomorphs. Some of the crystals are not totally replaced in siltstone.				
		Sh	50	626.8												
630																

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m	LITH	TYPE	∅CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #	
630		Fr	10	630.7	Ser	mod	633.2 633.3					624.3m 1 cm wide white ghosty quartz vein. 624.6m 1-2 mm long needle shaped acicular, euhedral quartz in a common orientation in sericite (mod) altered siltstone.					
635		So	74	633.7								626.8m Weak shear 1-2 cm wide. 626.8 – 627.2m Core broken up.					
		Frx	30	640.8								633.3m 1-2 cm wide irregular milky white quartz vein with biotite selvage and 102 cm wide sericite envelope.					
640		Sh	45	644.8	Ser	mod	643.2 643.4					635.1 – 637.8m Thin bedded to laminated weakly distorted siltstone with occasional plane structures and cross laminations. Thin beds and lamination are often wavy, dark brown to tan in colour.					
645		Sh	60	648.1								644.8m Weak shear. 645.1 – 647.0m Core broken up.	642.3	643.2	0.9	16418	
		Sh	45	651.3								647.3 – 649.6m Moderate shear, Some gouge, core broken up.	644.5	645.0	0.5	16419	
650		So	70	653.6	Ser	mod	655.4 656.1					651.3 – 651.4m Brecciated sheared gougy 10 cm wide shear zone. Fragments 5 mm – 2 cm angular. Some calcite alteration.					
655		Frx	20	654.4	Ser	mod	655.5 657.7					652.6m Ghosty 103 mm long elliptical quartz blotches in 10 cm wide chlorite (mod) Alteration Zone.					
660																	

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #	
660		So	76	661.2	Ser	mod	662.5 689.7	Po cpy	Vn 3mm	2% 0.1%	661.5						
665		So	82	666.6	Chl	mod	667.1 668.8	Po	Vn 2mm	0.5%	661.6	*668.8m Moderate gougy shear.*	662.1	663.1	1.0	16420	
		Sh	75	688.8								669.1 – 670.9m Dark grey to black laminated to finely bedded wavy siltstone with 1-2 cm bands of moderate sericite alteration.					
670		Si	65	669.1													
		Frx	20	672.7								677.9m 7 cm wide band of strong chlorite, biotite, sericite alteration. On selvage of band is wispy medium grey irregular diffuse quartz vein.					
675	TF	cc Vn	30	679.8													
680		So	70	687.1													
								Po	Vn 3mm	1%	682.5						
685		cc Vn	25	688.2													
690		Sh	88	689.8													

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**A2 Continued**	FROM	TO	INT (m)	SAMPLE #
690		Sh	88	690.4	Ser	mod	696.2 719.2					690.3m Series of thin, irregular calcite veins over 10 cm within a moderately altered chlorite envelope.				
		So	78	692.6												
695		Frx	25	696.0								690.4m 1 cm wide gougy shear.	693.7	694.2	0.5	16421
		Vn	40	699.2								699.7m 1-2 m sericite envelope surrounding fractures.				
700		So	75	700.8									700.4	700.9	0.5	16422
705		Vn	20	705.0				Po	Vn 3mm	2%	705.8	705.8m Cross laminations.				
		Vn	20	718.2								Sericite alteration found within siltstone bands within larger massive thick to medium bedded quartzitic wacke units.	708.1	708.4	0.3	16423
710		Frx	25	715.3									715.0	716.3	1.3	16424
715					Chl	mod	718.8 719.2									
720																

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m	LITH	TYPE	TCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
720		S_1	60	720.8	Chl	mod	720.4 720.6					725.3 – 725.7m Sericite alteration due to 2 mm wide quartz vein. 727.3m Large 10 cm wide irregular white bull quartz vein with biotite selvage and moderate chlorite envelope.				
725		Frx	32	724.3	Ser	mod	724.7 744.3	Po Cpy	Vn 10cm	2% 0.1%	723.3	727.6m A few (3-5) 2-6 cm long elongated mud fragmentals with diffuse margins in 20 cm wide section.	727.5	728.1	0.6	16425
		cclqtz Vn	20	729.3								740.0m Strongly fractured quartzitic wacke, fractures have sericite in and in fracture selvages.				
730					Chl SiO_2	mod mod	722.3 722.5					740.4 – 740.6m Large 20 cm irregular white bull quartz vein surrounded by numerous fractures. Fractures have sericite in them and along fracture selvage. Massive 2-3 cm wide pyrrhotite blebs in vein.	740.1	741.5	1.4	16426
		So	75	735.5								741.7 – 741.9m Cream/off yellow strongly brecciated quartz vein within quartzitic wacke. Fragments are 1-5 mm wide highly angular fragments. 20 cm wide sericite alteration halo around breccia zone	744.2	744.9	0.7	16427
735		Frx	50	741.7									744.9	746.0	1.1	16428
								Po Sph	Vn 2mm	1% 0.5%	742.8	744.0m **Middle-Lower Aldridge Contact (LMC)**				
		So	80	745.7								744.0-746.9m **Transition Zone**	746.0	746.8	0.8	16429
740					Chl	mod	739.0 739.5					744.3 – 745.0m Strongly fractured quartzitic wacke with moderate sericite alteration.				
		Vn	50	749.4								745.2 – 750.6m Strong chocolate brown biotite throughout core in quartzitic wacke units.	746.8	747.5	0.7	16430
												746.9-747.1 **Fragmental**				
745												746.9 – 747.1m 2-10 cm long subrounded elongated fragments in brown biotite massive medium grained wacke.	747.5	749.1	0.6	16431
													749.1	750.0	0.9	16432
750																

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m	GRAPHIC LITH	PRIMARY FABRICS & STRUCTURES TYPE	CA	(m)	ALTERATION TYPE	INT	(m)	MINERALIZATION TYPE MIN	TYPE STR	INT/ SIZE	(m)	COMMENTS	FROM	TO	INT (m)	SAMPLE #
750		Fx	45	754.1								746.9 – 747.1m cont'd Fragments have white quartz diffuse margins with biotite and pyrrhotite inside fragments. Fragments are blotchy looking, elongated. Beginning of fragmental.	753.5	754.6	1.1	16433
													756.1	757.3	1.2	16434
755		So	77	756.4				Po	Vn 10cm	1%	757.3	747.1-755.6 **Transition Zone**				
												747.1 – 755.6m Massive uniform biotite rich wacke. Could still be part of fragmental. Strong biotite alteration throughout.	757.4	757.8	0.4	16435
		cc Vn	22	759.1								750.6–755.1m Light grey massive thick bedded quartzitic wacke.	757.8	758.4	0.6	16436
760		Vn	15	763.7	ser	mod	760.6 761.1	Po	Vn	5%	759.0	755.6-756.1m **Fragmental**				
								CPy	1cm	0.5%		755.6 – 756.1m Fragmental. 5 cm to 1 mm long subrounded elongated fragments. Matrix Supported. Fragments have diffuse margins with a light grey quartz reaction rim. Inside clasts are composed of biotite, quartz and pyrrhotite. Matrix is a massive light brown to med grey quartzite wacke.	758.5	758.9	0.4	16437
					ser	mod	762.8 763.4						759.1	759.7	0.6	16438
765													760.3	761.4	1.1	16439
												756.1-757.9m **Transition Zone**				
		Sh	75	767.1	chl	mod	766.9	CPy	Vn	2%	763.5	757.3 – 757.4m 10 cm wide folded, distorted, irregular quartz vein with strong biotite alteration along selvage and occasionally in the vein. Some disseminated pyrrhotite (2% finely) along selvage.	761.8	762.1	0.3	16440
770		S1	32	767.3			767.1	Po	3mm	5%			762.1	763.4	0.3	16441
												757.9-762.0m **Fragmental**				
		Vn	55	775.6								757.9 – 762.0m More fragments 5-8 mm wide with diffuse quartz margin and biotite/pyrrhotite inside fragment. Some randomly oriented euhedral calcite replacing sericite. Medium sized pseudomorphic calcite crystals overprint fragmental.	763.5	763.8	0.3	16442
775													763.9	764.3	0.4	16443
												758.2m Fragmentals become much larger and there is more variation in size and there is more pyrrhotite (5%) in fragments and in matrix.	764.3	764.9	0.6	16444
780																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
780	vv	Fr x	50	780.0								759.2m Fragments become more angular and numerous. Still matrix supported. 759.9 – 760.1m Large 5 cm irregular white bull quartz vein.				
	vvv											760.9m 40 cm wide moderate sericite alteration. May be due to 3 mm wide quartz vein, cross cutting fragmental.				
785	vv	cc Vn	50	789.3				Po	Vn 3mm	3%	793.2	61.1m Fragments more diffuse, less alteration (biotite, SiO_2, pyrrhotite).				
	vvv	S.	60	792.3								762.0-763.1m **Transition Zone**				
790	vv	Q+z/cc	30	799.2								763.1-763.3m **Fragmental**				
	vvv	Vn										763.1m begin to see occasional altered fragments again. 763.3-766.5m **Transition Zone**				
	vv											765.6m 5 cm wide diffuse irregular quartz vein.				
795	vvv	Fr	25	802.3				Po cpy	Vn 10cm	5% 0.1%	804.5	766.5–766.7m **Fragmental**				
	vv											766.7-768.6m **Transition Zone** 767.1m Weak shear.				
800	vvv	Vn	30	806.0								768.6-925.27m **Gabbro**				
	vv											768.9m Gabbro becomes more porphyritic with subhedral to euhedral medium grained hornblende crystals, tightly packed. Some finer plagioclase occasionally seen.				
	vvv											780.7m 10 cm wide diffuse irregular quartz vein.				
805	vv	cc Vn	35	808.3								88.2m 10 cm wide irregular white bull quartz vein. Extends along core axis to 788.7m.				
	vvv											788.8m Gabbro changes from porphyritic green hornblende plagioclase chlorite to light grey salt and pepper porphyritic plagioclase biotite.				
810																

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**Gabbro Continued**	FROM	TO	INT (m)	SAMPLE #
810	vvv	cc Vn	30	811.3												
	vv															
815	vvv	Frx	40	814.5												
	vv							Po	Vn	5%	819.7					
	vvv	cc Vn	36	822.5				Cpy	6mm	0.5%						
820	vv															
	vvv											836.9 – 837.8m Core broken up.				
825	vv	S1	78	826.9												
	vvv															
830	vv	Frx	35	831.9												
	vvv															
	vv															
835	vvv															
	vv															
840	vvv															

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**Gabbro Continued**	FROM	TO	INT (m)	SAMPLE #
840	vvv	cc	20	842.9												
	vv															
845	vvv															
	vv	Frx	35	850.3				Po	Vn	2/.	851.5					
850	vvv							cpy	1cm	0.5%		864.2 – 869.0m Core broken up, high clay content along broken core fractures.				
	vv	Vn	25	859.0								Clay is milky white, soft and sticky.				
855	vvv															
	vv															
860	vvv															
	vv															
865	vvv	cc Vn	20	869.9												
	vv															
870																

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**Gabbro Continued**	FROM	TO	INT (m)	SAMPLE #
870	vvv	cc Vn	30	871.6								881.8 – 883.1m 5-6 cm wide white irregular bull quartz vein. Veins sub parallel to core axis. Vein has semi massive pyrrhotite (5%) and disseminated chalcopyrite (2%). Strong biotite Alteration along selvage.	881.9	883.0	1.1	16445
	vv												884.1	885.8	0.7	16446
875	vvv	Fr	25	878.0								884 2m Bull quartz vein, takes up al of core – 40 cm wide with strong aggregates of acicular tourmaline mats. Some occasional disseminated chalcopyrite.	885.8	887.3	1.5	16447
	vv												887.3	889.0	0.7	16448
	vvv	Vn	35	884.2				Po	Vn 1-5cm	5%	879.2	884.2m Occasional semi massive pyrrhotite (5%). Strong biotite alteration in vein and selvage.	889.0	890.9	0.9	16449
880	vv												890.9	892.3	1.4	16450
	vvv							Po Cpy	Vn Bcm	5% 2%	882.5	886.7m Tourmaline alteration stronger, semi-massive.	892.3	893.1	0.8	16451
	vv											889.9m Biotite alteration becomes extremely strong; quartz content decreases.	893.1	893.6	0.5	16452
885	vvv	cc/qz Vn	25	892.8								892.1m Get occasional 3-5 mm wide quartz augen.	893.6	895.2	1.6	16453
	vv				Bt	Str	881.8 883.1					892.4 – 893.9m Massive strong tourmaline in calcite quartz vein.	895.2	897.0	1.8	16454
	vvv	Frx	25	895.6								893.4 – 893.6m Quartz tourmaline vein strongly fractured and brecciated. Fragments 0.5 mm to 3.5 cm wide within tourmaline matrix. Clast/fragment supported with moderate-strong chlorite alteration.	897.0	898.1	1.1	16455
890	vv				Bt	Str	894.9 895.2					894.9 – 895.2m Coarse biotite 3-4 mm in fractures and fracture selvages.				
	vvv											893.9 – 901.0m Still have moderate biotite/tourmaline alteration in core.				
895																
900																

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m	LITH	TYPE	TCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
900	vvv	Fr x	28	904.3	Bt	mod	901.5-902.4					904.6m Gabbro becomes more fine, crystalline, equigranular.	925.3	926.2	0.9	16456
905	vv vvv	cc Vn	33	906.7									926.2	926.9	0.7	16457
910	vv vvv	Qtz/cc Vn	20	914.8				Po Cpy	Vn 2mm	2% 0.5%	914.8	925.27-944.7m **Transition Zone**	927.3	928.0	0.7	16458
													928.0	928.7	0.7	16459
915	vv vvv	Fr x	17	924.7								925.27m Finely laminated chocolate brown delicate, wispy, biotite-rich siltstone. Diffuse margins with (2%) finely disseminated pyrrhotite. Not A1, Transition Zone LMC.	928.7	929.0	0.3	16460
												926.4m Fine cross laminations in finely laminated siliceous laminae. Get medium bedded, dark brown, very fine siltstone. Get occasional 3-4 cm wide bands of biotite/sericite/chlorite.	929.0	929.5	0.5	16614
920	vv vvv	cc Vn	55	922.2									929.5	929.6	0.1	16615
													929.0	929.4	0.4	16461
925		Fr x	40	925.27				Po Sph	dis 3cm	10% 1%	929.6	929.55m 3 cm wide black, fine-grained siltstone with disseminated (10%) pyrrhotite and (1%) disseminated sphalerite bands.	929.6	930.0	0.4	16616
													929.4	929.8	0.4	16462
930													929.9	931.0	1.1	16463

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #	
930		So	78	930.3								931.1m 3-4 cm long, elongated, subrounded mud chips with very diffuse margins. Chips are spherical – maybe dish and ball structure?	931.0	932.0	1.0	16464	
		cclqtz Vn	40	936.8									932.0	932.6	0.6	16465	
935								Sph	Vn	5%	942	932.1m Get medium bedded massive dark grey fine grained quartzite wacke/siltstone.	935.8	936.6	0.8	16466	
		So	88	944.6	Ser	mod	938.1	Po	1.5cm	1%		932.65m Get 8 cm long elongated, flattened fragment consisting of a diffuse, light grey chert/quartz margin with a biotite/pyrrhotite core.	938.1	939.5	1.4	16467	
940							938.2	Cpy		0.5%							
		Frx	30	947.6								939.2m Get 1.5 cm wide cross cutting quartz calcite vein with coarse disseminated sphalerite (5%), pyrrhotite (1%) and chalcopyrite (0.1%). Vein was crosscutting massive fine wacke.	940.6	941.4	0.8	16468	
													944.7	945.9	1.2	16469	
945		Vn	20	951.0								942.6m 6 cm wide elongated, subrounded, flattened dish and pillow structures. Clasts are strongly biotized and axis is subparallel to bedding. May have been mud fragments that have been biotized.	945.9	947.8	2.0	16470	
												944.4m Fracture with moderate sericite alteration along selvege.					
950		Frx	25	955.2								944.7-946.25m **Mud Package "Sullivan Horizon Equivalent"**					
												944.7 – 946.5m Massive black to dark grey very fine grained with occasional fine lamina to diffuse thin bedded siltstone argillite. Mud package.					
955		Sh	30	955.4													
												946.5-1028.0m **Transition Zone**					
		So	85	956.8								957.8m Elongated 5-8 cm long, thin, flat lying (90° to CA) mud chips.					
960																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**Transition Zone Continued**	FROM	TO	INT (m)	SAMPLE #
960		So	80	961.0	Ser	mod	961.4 988.0	Po	Vn 1 cm	2 %	966.0	961.45m Flame structures in laminated siltstone and moderate thin bands 2-3 cm of sericite alteration throughout section.	964.1	965.4	1.3	16471
		Sh	88	962.5									969.9	971.1	1.2	16472
965		Vn	25	966.0								961.1m Get wavy irregular siltstone laminations.				
												965.8m Cross laminations in siltstone.	976.9	978.0	1.1	16423
		Fx	30	972.4								967.9m 3-5 mm long flattened, elongated chert chip.	978.3	979.6	1.3	16474
970												973.1m 3 cm wide bull quartz vein with strong biotite envelope.				
		Vn	40	973.1								974.6–947.7m Core is moderately brecciated. Breccia fragments 3-8 mm angular and fragment supported with moderate sericite alteration.	984.2	986.3	2.1	16475
975		So	80	979.0												
		Sh	85	979.9												
980												981.0 – 981.1m Strongly fractured ghosty quartz vein (5 mm wide) with moderate sericite alteration.				
		Sh	70	983.0								982.0 – 982.5m Series of quartz stringer veins 5-10 cm apart.				
985																
		So	78	984.8								953.0 – 983.1m Moderately sheared quartz vein with (2%) pyrrhotite.				
990												985.9m Flame structures and wavy laminations.				

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**Transition Zone Continued**	FROM	TO	INT (m)	SAMPLE #
990		Fx	25	990.4	Sio2	mod	990.0 – 994.1					990.2 – 990.3m 1-2 mm long tourmalinized mud chips in thin bedded massive quartzitic wacke.	991.7	992.9	1.2	16476
		So	80	991.7									944.4	995.8	1.4	16477
995		Vn	30	996.9	Ser	mod	994.1 – 1000.3					992.8m 11 cm long elongated tourmalinized mud chip in moderately sericitized thin bedded siltstone.	996.6	997.2	0.6	16478
		So	86	1000.6								993.0 – 994.1m Strongly fractured, silicified and sericitized thin bedded/laminated siltstone with 2% finely disseminated pyrite with occasional 1-2 cm wide quartz stringer veins.	997.7	999.3	0.6	16479
1000		Fx	40	1001.4								998.6 – 999.2m Rip up mud chips 1-2 mm and chert chips 3 mm – 4 cm in massive thin bedded quartzitic wacke/wacke. Mud chips made up of biotite.	999.3	1000.1	0.8	16480
		So	86	1002.5								1001.0m Tourmalinized elongated 6 mm-2 cm chips in massive dark grey wacke.	1000.1	1001.8	1.7	16481
1005		Si	60	1009.8								*1005.6 – 1003.8m Large 10 cm thick quartz/calcite/tourmaline vein with strong biotite,* sericite envelope.	*1001.8*	*1003.7*	*1.9*	*16482*
												1013.2 – 1013.4m Siltstone with 3-8 mm long sericitized mud chips.	1003.7	1004.7	1.0	16483
1010		So	84	1014.3				Po	Vn 4cm	2%	1012.2	1014.0m Core begins to look like Lower Aldridge, more laminated/thin bedded siltstones, sharper contrasts. Getting tan/off white bands of siltstone with sharp contrasts. More maroon/pinkish tinge to core – biotite.	1004.7	1005.6	0.9	16484
													1011.6	1012.1	0.5	16485
													1012.1	1012.5	0.4	16486
1015		So	88	1018.0								1019.2m Weak shear.				
								Po	Vn	5%	1017.4		1012.8	1013.8	1.0	16487
								CPy	2mm	2%						
1020		Sh	78	1019.4									1014.1	1014.9	0.8	16488

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
1020		So	88	1021.4	Ser	mod	1021.4	Po	Vn	5%	1020.4	1020.2m Coarse sphalerite in cross cutting quartz/calcite vein.	1019.9	1020.6	0.7	16489
								Sph	4mm	5%		1021.5m 10 cm wide section of fragmental? Fragments are 1-2 cm long elongated with 1-2 mm wide SiO_2 reaction rim and biotite core in distorted siltstone.	1022.1	1022.8	0.6	16490
1025		Qtz/Cc Vn	50	1027.0								1023.0m Core beginning to look like typical Lower Aldridge finely laminated to thin bedded sharp contrasting siltstone. Well graded. Banded siltstone with off white/tan bands and light to medium grey bands. Core has pinkish/maroon hue to it. Lacks quartzitic wackes/wackes and rapid deposition/soft sediment deformational structures.	1023.0	1023.8	0.8	16491
		So	87	1032.8									1024.1	1024.5	0.4	16492
1030												1028.0-1052.4 **Lower Aldridge (A_1)**	1026.9	1027.5	0.6	16493
								Po	Vn 10cm	1%	1038.6	1036.4m Weak shear.				
1035		Sh	90	1036.4								1039.5m Large 5-7 cm wide irregular, cross cutting white bull quartz vein with biotite (str) Selvage and sericite (strong) envelope.	1028.5	1028.9	0.4	16494
												1040.2m 5 cm wide irregular calcite vein with acicular fine, long, needle shaped tourmaline in vein.	1032.9	1033.5	0.6	16495
1040		Frx	35	1040.9								1041.0m Off white/tan bands become thinner; more dark brown bands with fine lamina within them.	1039.2	1039.8	0.6	16496
												1043.6m Dish and pillow structures, 8 cm long, 1 cm wide elongated, sub-rounded bedding parallel clast with diffuse biotite margin and disseminated pyrrhotite core.	1040.2	1040.8	0.6	16497
1045		Sh	60	1046.0								1045.9 – 1046.1m Brown calcite rich healed fault shear.	1041.6	1042.3	0.7	16498
					Ser	mod	1046.1						1045.4	1045.8	0.4	16499
		So	80	1048.1			1047.8						1046.2	1047.2	1.0	16500
1050																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**Lower Aldridge Continued**	FROM	TO	INT (m)	SAMPLE #
1050		Fr x	62	1050.5								1049.9m 6 cm wide band of disseminated pyrrhotite (10%) in black biotite rich band.	1047.8	1048.5	0.7	16501
		So	83	1050.8									1048.4	1048.9	0.5	16502
1055												1052.4m **END OF HOLE**	1049.7	1050.0	0.3	16503
													1050.0	1050.5	0.5	16504
1060													1050.5	1050.9	0.4	16505
													1050.9	1051.6	0.7	16506
1065													1051.6	1052.4	0.8	16507
													1015.7	1016.0	0.3	16508
1070													1045.8	1046.2	0.4	16509
1075																
1080																

RIO ALGOM EXPLORATION INC. DRILL HOLE SUMMARY SHEET

PROJECT NAME: Findlay South | **DDH# FS-00-3**

REASON FOR DRILLING HOLE: Test Sullivan Horizon

GENERAL

DATES			DRILL COMPANY		GEOLOGIST
	Time	Date	Contractor:	**Beaupre Diamond Drilling Ltd**	Logged by: P.M. Donnelly
Start:	Day	07/10/00	Drill Rig:	**Longyear 38**	
End:	Day	07/20/00	Core Size:	**NQ**	

SURVEY

LOCATION	
NTS:	82K/01
Section:	A
Easting:	554940
Northing:	5541200
Elev. (m)	2400

DOWNHOLE SURVEYS

Type	Depth (m)	Azimuth	Dip	Type	Depth (m)	Azimuth	Dip
Pajari	110.4	106.75	-80	Pajari	617.7	133.75	-73
Pajari	213.7	107.75	-76	Pajari	660.1	130.75	-72
Pajari	368.0	109.75	-75				
Pajari	517.1	129.25	-74				

GEOLOGY CAPSULE – INTERCEPTS

FROM (m)	TO (m)	ROCK TYPE	COMMENTS
0	19.8		Casing
19.8	224.8	A2	
224.8	225.4	Lamp	Lamprophyre
225.4	263.6	A2	
263.6	306.4	Granofel	
306.4	330.45	A2	
330.45	334.9	Granofel	
334.9	339.25	A2	
339.25	349.8	Granofel	
349.8	368.7	A2	
368.7	386.9	Granofel	
386.9	443.9	A2	
	443.9		Middle Lower Aldridge Contact (LMC)
443.9	445.6	A2, A1	Transition Zone
445.6	449.2	Gabbro	
449.2	462.7	A2, A1	Transition Zone
462.7	463.4	A2, A1	Fragmental
463.4	465.4	A2, A1	Transition Zone
465.4	466.3	A2, A1	Fragmental
466.3	466.8	A2, A1	Transition Zone

PERCENT RECOVERY
98% (est)

PHOTOGRAPHS

****Intercepts continued on Page 2**

REASON FOR ENDING HOLE/COMMENTS:
Encountered Lower Aldridge stratigraphy, went through Sullivan Horizon.

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
0												0-19.8m **Casing**				
5												19.8-224.8 **Middle Aldridge (A_2)**				
												19.8m 3 m – 1 cm long flattened, elongated fragments in medium gray quartzite wacke.				
10												20.3m Thin bedded medium gray, fine grained siltstone with flame structures.				
												20.3m Core has iron oxide staining along broken core surfaces.				
15												21.4m Massive medium bedded, well sorted, light to medium gray quartzitic wacke.				
												24.4m Brown clay along fractured core surfaces.				
20		Sh	70	20.0								25.1m Thin bedded to laminated weakly to moderately distorted fine grained medium gray siltstone.	22.8	23.5	0.7	16551
		Frx	29	21.4								25.5 – 26.0m Core moderately iron oxide stained along broken core planes.	26.6	27.4	0.8	16552
25		So	80	23.8								28.8m 15 cm wide snow white, medium grained, euhedral to anhedral quartz, garnet and biotite.				
												29.8m 5 cm wide irregular, moderately fractured calcite quartz vein. Medium gray vein.				
30																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
30		So	80	31.3								30.3–30.5m Moderately fractured, medium gray siltstone with calcite infilling fractures. Biotite selvage along fractures.					
		So	76	36.0								32.1–32.3m Moderately distorted, fine-grained, light gray siltstone, fine sandstone.					
35		Frx	30	37.8								35.5–35.6m 6-8 cm wide, light gray, strongly sericitized dish and pillow structures in massive quartzitic wacke. Clasts are subrounded, elongated with a moderate biotite selvage.					
		So	78	42.3	Ser	mod	38.8	Po	Vn	1%	39.5	36.6m Series of 1-5 mm wide, irregular, wavy, light gray, smoky quartz veins with strongbiotite/sericite envelope and moderate chlorite selvage.					
40					cc	mod	39.8	cpy	8cm	0.5%		37.5–38.9m Finely laminated/thin bedded, medium gray to dark brown biotite rich siltstone with frequent flame structures, distorted bedding.					
		Vn	70	45.9								39.5m Large, 6 cm wide irregular white bull quartz vein with biotite selvage and moderate biotite, weak chlorite envelope.	40.4	41.2	0.8	16553	
45		Frx	33	48.7				Po	Vn 6cm	2%	48.6	40.1–40.4m Quartz garnet concretion. Subrounded, subhedral, medium-grained garnets in fine-grained, crystalline quartz ground mass.	45.0	46.2	1.2	16554	
												41.7m Irregular, smoky, anastomosing irregular stringer quartz veins 1-2 mm wide in distorted siltstone. Moderate calcite alteration around veins.	53.7	54.5	0.8	16555	
50		So	80	56.1				Po	Vn 4cm	10%	52.7	44.0m 1 cm wide quartz, chlorite, calcite vein with 10 cm wide moderate chlorite envelope	58.1	59.5	1.4	16556	
												45.9m Series of ghosty white quartz stringer veins.	59.6	60.0	0.4	16557	
55												49.0m 1 cm wide chlorite vein.					
												52.7m 4 cm wide fractured, distorted quartz, biotite, chlorite vein with disseminated to semi-massive (10%) pyrrhotite.					
60																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	**Middle Aldridge Continued**	FROM	TO	INT (m)	SAMPLE #
60		So	70	61.4				Po	Vn 9cm	1%	64.8	54.7m 4 cm wide ghosty, diffuse quartz vein.	60.4	61.9	1.5	16558
		Fix	12	62.5								54.9 – 56.3m 2-3 cm long, tear drop shaped chert and biotite rich rip up chips in massive, medium bedded siltstone/wacke.	61.9	62.3	0.4	16559
65		So	76	66.5								59.7 – 59.9m 20 cm wide white quartz biotite concretion.				
												61.0m Disseminated pyrrhotite along broken core planes (10%).	62.4	62.9	0.5	16560
		So	77	74.1								62.6m Flame structures in laminated siltstone.				
70												66.7m Fine to medium-grained calcite replacing sericite pseudomorphs in laminated siltstones.	65.8	67.3	0.5	16561
		Fix	15	76.9								68.1m Medium gray, massive, thick bedded, medium-grained quartzitic wacke/quartz wacke.	70.5	71.6	1.1	16562
75		cc Vn	40	80.8								68.7m Biotite in irregular anastomosing fractures.				
												70.8m Core predominately consists of finely laminated to thin bedded, medium brown to dark brown siltstone with frequent distorted beds, mud chips and flame structures.	74.3	75.6	1.3	16563
		Qtz/cc Vn	12	82.7								Frequently get thin bedded to medium bedded quartzitic wacke to sub wacke units intercalated between siltstone units. Calcite pseudomorphs replacing sericite occur in siltstone units.	77.2	79.2	2.0	16564
80								Po	Vn 3mm	2%	80.8		84.8	85.6	0.8	16565
		Fix	25	86.9								88.9 – 89.4m Moderately fractured quartzitic wacke with weak chlorite/biotite in fractures.				
85																
		Vn	40	88.0												
90																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
90		Fr x	70	90.4				Po	Vn 3mm	2%	91.6	90.1m Thin bedded/laminated siltstones still have medium-grained calcite replacing sericite pseudomorphs.	92.5	92.9	0.4	16566	
		So	85	94.7													
95		Fr	30	100.0				Po	Vn 5cm	2%	103.3	90.4m Calcite in thin fracture set.					
		So	75	100.1								103.4 – 103.5m More euhedral, white, medium to fine-grained calcite replacing sericite pseudomorphs in laminated siltstone.	96.6	97.3	0.7	16567	
100		So	78	104.3								103.3 – 103.4m Series of ghosty, 2-3 mm wide, diffuse, irregular quartz veins with 2% pyrrhotite and a moderate biotite chlorite selvage.					
		Fr x	45	108.4									99.5	100.4	0.9	16568	
105																	
		Vn	55	112.3									104.5	105.2	0.7	16569	
110																	
		So	70	114.8	Ser	mod	112.2 112.3										
								Po	Vn 3mm	2%	114.7						
115		cc Vn	50	118.0													
120																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
120		Vn	35	121.4	Ser	mod	122.5 122.6					122.5 – 122.6m Moderate sericite alteration in thin bedded, laminated siltstones.	122.5	123.1	0.6	16570	
125		So	61	126.8	Ser	mod	129.4 129.7					122.9 – 123.1m Flame structures.					
		Frx	50	131.4								124.3m 7 mm wide subrounded chert chip in brown, thin bedded siltstone. 126.4m 5 cm long, elongated, rounded, off white, sericitized fragment in siltstone.	127.8	128.4	0.6	16571	
130		S1	37	131.8	Ser	mod	134.9 135.0	Po	Vn 2mm	5%	130.8	127.9 – 128.2m Flame structures in thin bedded brown siltstone.	128.6	129.5	0.9	16572	
135		So	72	134.8								131.7 – 131.9m White quartz concretion with medium to coarse subhedral pink garnets (10%) and foliated coarse biotite.					
140		Qtz/chl Vn	25	140.4	Ser	mod	143.4 145.8										
		Frx	50	142.9				Po	Vn 4mm	10%	142.6	146.7 – 146.9m 1-3 mm long angular mud/chert chips; mud chips have more diffuse margins. Biotite reaction rim.	147.5	148.5	1.0	16573	
145																	
150																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #
150		cc Vn	34	150.4				Po	Vn	5%	155.1	153.2m Moderate, medium-grained calcite replacing sericite pseudomorphs in laminated/thin bedded siltstone.				
		So	70	150.7	Ser	mod	157.7	Cpy	1mm	1%		155.6m 3 cm wide ghosty quartz vein.				
155		Frx	20	151.4			166.8					161.2m 4 cm wide, moderately brecciated white quartz vein with 3-6 mm long fragments in biotite, quartz matrix. Matrix supported fragments.	153.9	154.7	0.8	16574
		So	60	158.4	Bt	mod	165.1					162.6 – 162.7m Moderately fractured, 8 cm wide, irregular, milky white quartz vein with disseminated pyrrhotite (5%) and biotite in fractures.				
160		Vn	30	161.8	Chl	mod	166.2	Po	Vn 4cm	10%	161.2	165.3 – 166.2m Convoluted, folded, laminated siltstone with moderate chlorite/biotite alteration along individual laminae.				
		Frx	58	166.5								166.4–166.5m Moderately fractured, 5 cm wide, white bull quartz vein with moderate chlorite/biotite in fractures.				
165					SiO_2	Str	166.7	Po	Vn	5%	162.6	166.7-167.8m Strongly fractured, sheared, strongly silicified fault zone with 5% finely disseminated euhedral pyrite with weak to moderate biotite calcite alteration.	166.8	167.5	0.7	16575
		Sh	70	166.8	Bt	mod	171.1		8cm			164.4 – 168.5m White to light gray 10 cm wide ghost veins.				
170					cc	wk						168.8 – 169.0m Moderately distorted siltstone with moderate biotite chlorite alteration.				
		So	45	171.6								169.1 – 171.1m Moderately to strongly fractured, sheared, silicified, chloritized siltstone with moderate chlorite alteration.	172.0	174.4	0.4	16576
					Chl	mod	171.1	Po	Vn	10%	178.5	169.1 – 171.1m Finely disseminated euhedral pyrite.				
175		cc Vn	50	180.1	Bt	mod	175.4		5mm			171.1 – 175.4m Moderate pervasive chlorite alteration in distorted, convoluted siltstone.				
					Chl	mod	176.9									
180							180.5									

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #
180		Qtz/cc Vn	70	180.7	Chl	mod	180.5	Po	Vn 5cm	5%	180.7	176.1 – 176.9m Distorted thin bedded/laminated siltstone with irregular, 1mm – 1 cm wide irregular, ghosty, light gray quartz veins with 5% finely disseminated pyrite and moderate chlorite biotite alteration.	180.8	182.0	1.2	16577
185		So	72	183.8	Ser	mod	183.1					180.5 – 183.1m Distorted, laminated, thin bedded siltstone with moderate chlorite biotite alteration, occasional 2 mm - 2 cm wide ghosty, irregular quartz veins and occasional moderate sericite alteration.				
		Qtz/cc Vn	40	187.3								184.2 – 184.3m 10 cm wide coarse white bull quartz vein with 10 cm wide strong chlorite envelope.				
190		So	68	192.7				Po	Vn 2mm	2%	196.7	185.7 – 185.8m Series of irregular, 5 mm – 1 cm wide, very ghosty quartz veins.	192.4	193.2	0.8	16578
195		So	67	204.2												
200		Qtz/cc Vn	50	206.2												
205		Fix	40	208.8	Ser	mod	204.3 204.4									
210																

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
210		Frx	20	210.8								211.5m Medium-grained, randomly oriented calcite replacing sericite pseudomorphs in medium bedded. dark brown wacke/subwacke.					
		So	65	215.5													
215		Frx	37	215.9													
		So	67	218.8								223.9 – 224.4m Irregular, 5-8 mm wide white calcite vein with a 20m wide moderate calcite chlorite envelope. Within the vein there are 1 mm – 4m needle shaped acicular tourmaline.	218.5	219.6	1.1	16579	
220		Frx	40	223.0								224.8-225.4m **Lamprophyre Dike**					
		So	70	225.9								224.8 – 225.4m Dark brown, porphyritic lamprophyre with euhedral, medium to coarse quartz pseudomorph replacing pyroxene with a matrix supporting groundmass consisting of fine grained biotite and fine calcite. Lamprophyre more fine grained at margins.					
225		cc Vn	45	231.7													
230		So	70	234.6	Ser	mod	229.2 231.5					225.4-263.6m **Middle Aldridge (A_2)**					
		Vn	50	237.6								235.0m Flame structures in thin bedded siltstone.					
235					Ser	mod	236.3 238.4						238.0	238.5	0.5	16580	
		So	70	239.2													
240																	

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
240		So	65	240.5								240.0m medium bedded, medium gray, quartzitic wackes/wackes separated by 10-20 cm wide bands of dark brown, frequently distorted, laminated/thin bedded siltstone.					
		Frx	19	240.5													
245	TF	Vn	28	247.1								1 mm - 1 cm long chert/mud chips frequently found in quartzitic wacke/wacke.	243.1	244.5	1.4	16581	
		So	70	249.4	Ser	mod	246.4 246.9					247.9 – 248.4m Dark green, fine to medium grained, equigranular, hypidiomorphic chlorite, plagioclase, biotite, gabbro with 10% finely disseminated pyrrhotite.	244.5	246.5	1.0	16582	
250					Ser	mod	248.7 249.1										
		Sh	82	252.9													
255	TF	So	77	253.9	Ser	mod	255.1 255.2	Po CPy	Vn Smm	5% 1%	256.4	263.6-306.4m **Granofel**					
260		cc/Qtz Vn	30	259.5	Ser	mod	256.7 256.8					263.6-306.4 Brown Medium-grained, equigranular, chlorite, biotite, granofel with coarse, irregular, pink aggregate garnet blotches. Hornfelsed recrystalized quartzitic wacke/wacke.					
		Vn	40	262.5	Ser	mod	261.4 261.5	Po	Vn 1cm	10%	264.5		266.1	266.6	0.5	16583	
265		Frx	50	267.0													
270																	

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	Granofel Continued	FROM	TO	INT (m)	SAMPLE #
270	xxx xx	Vn	55	271.5								271.8m 20 cm wide, irregular, white bull quartz vein.				
275	xxx xx	Frx	46	279.4				Po	Vn 1cm	20i.	275.7					
	xxx xx	cc Vn	50	282.3								279.1 – 283.1m Granofel becomes more fine grained and more fractured, dark gray to dark brown.				
280	xxx xx	Vn	60	285.2				Po	Vn	20i.	278.2		279.1	281.0	1.9	16584
	xxx xx							CPy	4cm	1%.			281.0	282.3	1.3	16585
285	xxx xx	Vn	55	290.0								289.5 – 289.6m 10 cm wide white bull quartz vein.				
	xxx xx	Frx	50	291.3				Po	Vn 7mm	10%.	288.7					
290	xxx xx	S.	74	292.0												
295	xxx xx							Po	Vn 1cm	10i.	293.4					
	xxx xx							Po CPy	Vn 15cm	20i. 1%.	298.5					
300	xxx xx															

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m	LITH	TYPE	OCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
300		Vn	65	300.6				Po	Vn 3mm	5%	300.6	304.4m Granofel becomes more fine grained and more chloritic; garnets not present any more.				
												306.4-330.45m **Middle Aldridge (A_2)**				
305		Frx	40	307.5	chl	mod	306.4					306.4 – 309.0m Moderately fractured, chloritized siltstone with ghosty, 1-2 mm wide, irregular quartz veins and weak to moderate silicification and seritization.				
					ser	mod	309.0									
		so	84	311.5	SiO_2	mod		Po	Vn 2mm	5%	308.3	309.0–311.4m Distorted siltstone lamina/bedding planes absent; hole is moving down dip (?). Siltstone appears folded.	308.4	309.8	1.4	16586
310												311.4m Bedding laminations return to normal.	309.9	311.3	1.4	16587
		Frx	30	315.5				Po	Vn 15cm	10%	311.4	313.5 – 313.8m Large, 25 cm wide, irregular, white bull quartz vein with strong, 10 cm wide biotite sericite envelope with semi massive pyrrhotite in vein (10%). Medium grained, speckled calcite in envelope.	311.3	313.4	2.1	16588
315																
		So	70	319.8								320.0m Moderate sericite alteration in fractures and fracture selvages.	313.3	315.0	0.7	16589
												320.0m Core begins to become broken up.	315.0	317.5	0.5	16590
320		Frx	50	320.7	ser	mod	320.0					321.0m core is becoming strongly fractured.				
					chl	mod	321.9					323.1m Core becomes strongly chloritized, sericitized and silicified.	318.1	320.5	2.4	16591
					ser	str	322.0					323.3 – 323.8m Core becomes strongly brecciated and has strong chlorite, silica, sericite alteration. Fragments highly angular, 5 cm to 1 mm in length.	322.8	324.0	1.2	16592
325		So	77	329.7	chl	mod	323.8									
					SiO_2	mod						323.8 – 324.8m Core strongly fractured, broken up with moderate chlorite, sericite, SiO_2 alteration.				
					ser	mod	324.8									
					chl	mod										
330					SiO_2	mod	329.2									

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
330		Frx	35	330.0	Chl	mod	330.4 330.5					324.8 – 325.9m Core becomes extremely fractured and broken up into small pieces – 4 cm - 1 mm angular fragments with occasional 1-2 mm wide quartz veins.				
												328.7m Massive, thick bedded, quartzitic wacke with fine pink garnet speckles.				
												330.2 – 330.4m 20 cm wide, irregular ghost quartz vein.				
335		So	70	337.1								330.45-334.9m **Granofel**				
		Sh	70	337.6								330.45m Green and brown equigranular chlorite, biotite, plagioclase, granofel with blotchy pink 1-4 mm wide garnets.				
340		Frx	40	342.3				Po	Vn 1mm	10%	339.9	331.9m Brecciated, 9 mm wide calcite vein.				
												333.7m Irregular, 4 cm wide calcite, chlorite, quartz vein.				
		Si	75	344.9								333.3m Granofel becomes more fine-grained.				
345												334.0m 15 cm wide, irregular, ghosty quartz calcite vein.				
								Po	Vn	5%	344.0	334.8m Irregular, 10 cm wide quartz, biotite, chlorite vein with 5 cm wide chlorite biotite envelope.	339.3	339.9	0.6	16593
		Vn	70	348.2				Py	1cm	2%		334.9-339.25m **Middle Aldridge (A_2)**				
350								Po	Vn 2mm	20%	349.9	337.6m Weak, 6 cm wide shear.				
		So	72	350.3								339.25-349.8m **Granofel**	340.0	340.7	0.7	16594
												339.25m Fine grained, equigranular biotite, garnet, granofel.				
355												339.9m Irregular, 6 cm wide quartz vein with moderate 2 cm wide biotite chlorite envelope	348.8	349.8	1.0	16595
													350.0	350.5	0.5	16595
360																

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m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
360		S1	68	361.3								344.5m 15 cm wide, irregular quartz, calcite, chlorite, biotite vein with occasional acicular, needle shaped tourmaline.				
												346.8–346.9m Three parallel quartz bands, 6 mm -1 cm wide, with 5% disseminated pyrrhotite.				
365		Sh	70	363.8								349.8-368.7m **Middle Aldridge (A_2)**				
		S1	40	370.6								349.8m Granofel ends, get massive, thick bedded, quartzitic wacke – no bedding planes, drill is going down along dip slope or strike?				
370		cc Vn	30	371.6				Po	Vn 1mm	5%	374	358.1 – 358.5m Core is broken up.				
		Vn	38	379.5								360.7 – 361.0m 0.8 – 1 cm long, elongated, flattened, tourmalinized mud chips in massive, fine-grained, massive, thick bedded wacke.	372.1	372.6	0.5	16597
375												362.0 10 cm wide, irregular calcite quartz vein.				
												363.8m 5 cm wide, moderate shear with quartz infilling shear.				
												368.7-386.9m **Granofel.**				
380		Vn	30	382.1				Po	Vn 3mm	5%	381.3	368.7m Fine to medium-grained, light gray to light green, equigranular biotite plagioclase granofel with 3-5 mm wide blotchy pink garnets.				
								Po	Vn 30cm	5%	382.7	381.3m Granofel becomes more porphyritic, with euhedral, medium grained, hornblende phenocrysts and medium grained, plagioclase phenocrysts.				
385												382.1m 2 cm thick biotite vein with 3 cm thick calcite quartz envelope.				
		So	80	388.4								382.5 – 382.8m 30 cm wide white bull quartz vein with semi massive pyrrhotite in vein (5%)				
		Fr	20	388.6	Bt	mod	2849 3870					386.9m-443.9m **Middle Aldridge (A_3)**				
390																

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m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	A_2 Continued	FROM	TO	INT (m)	SAMPLE #	
390		So	80	391.1	CC	mod	394.0 395.1					386.8m 2 cm wide pink quartz garnet vein with 1 cm wide strong chlorite biotite envelope.					
												390.4m Flame structures in laminated siltstone.					
395												394.0m Moderate calcite alteration in fracture set.					
												403.4 – 403.5m Narrow fault, core strongly broken up. Some clay.	394.9	395.2	0.3	16598	
		So	81	399.5								404.0m Small weak shear, some gouge material.					
400													399.0	400.2	1.2	16599	
													401.0	401.7	0.7	16600	
405		Fix	29	407.3									403.9	404.1	0.2	16601	
													404.8	405.8	1.0	16602	
410		Vn	30	413.6									409.8	410.5	0.7	16603	
													411.1	411.2	0.1	16604	
415																	
		So	85	418.6													
420																	

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
420		So	77	421.0								428.5 – 428.6m Moderate shear.	424.0	424.6	0.6	16605
												433.7 – 434.5m Moderate shear, core moderately to strongly fractured, some clay in fractures. Get occasional irregular, 108 mm wide quartz veins.				
425		Vn	28	421.7								435.3 – 435.7m Strong shear, core strongly broken up. High clay content.	424.8	425.1	0.3	16606
												443.9m **Middle-Lower Aldridge Contact (LMC)**				
		Sh	70	428.5								443.9-445 6m **Transition Zone**				
430												444.3m Dark gray to black fine-grained, siliceous argillite/subwacke, thin bedded to laminated. Moderately to strongly irregular fractures.	430.4	432.3	1.9	16607
		Sh	65	435.6												
435												445.1 – 445.6m 50 cm wide, irregular white, coarse quartz calcite vein with strong biotite/sericite/chlorite in patches in vein and 5 cm wide envelope.				
		Vn	47	440.3								445.6-449.2m **Gabbro**				
440												445.6–449.2m Medium-grained, hypidiomorphic, equigranular chlorite biotite plagioclase gabbro.				
		So	82	441.7								449.2-463.4m **Transition Zone**				
												449.2m Dark gray, thin bedded to finely laminated, well graded wacke siltstone with alternating light and dark bands, occasional distorted bands – transition zone begins.	444.3	444.8	0.5	16608
445		cc Vn	64	446.5												
450																

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
450												449.2-456.8m Medium brown, biotite rich, thick bedded finely laminated, well graded siltstone.	450.7	452.5	1.8	16609
		So	55	451.5								452.6-452.7m thin, irregular, ghosty quartz veins, some moderate biotite alteration in envelope.	452.5	453.8	1.3	16610
455		Frx	50	453.8								456.75-462.7m Light gray, fine grained, thick bedded massive quartzitic wacke with fine lamina.	453.8	454.6	0.8	16611
		S.	65	454.1								458.1 – 460.6m Core moderately fractured with weak to moderate chlorite and sericite alteration along fractures and fracture envelopes. Some fractures are infilled with calcite.	454.6	456.0	1.4	16612
		Frx	40	458.4	Ser	mod	458.5						460.5	461.8	1.3	16613
460					Chl	mod	460.6	To	Vn 1cm	5%	461.9	462.7-463.4m **Fragmental**				
		So	65	462.1								462.7 – 463.4m Light brown, matrix supported, crowded, polymictic fragmental. Fragments 1m to 5 cm long, subrounded, elongated, flattened. C-axis of clasts aligned in same orientation in a fine, dark tan wacke matrix. Clasts composed of chert and mud. Some fragments have pyrrhotized cores. Most fragments have some sericite alteration in them.	461.9	462.5	0.6	16617
465													462.5	463.4	0.9	16618
													463.4	464.0	0.6	16619
												463.4-465.4m **Transition Zone**				
470												465.4m Medium brown, wispy, irregular, finely laminated siltstone.	464.0	464.5	0.5	16620
		Frx	25	475.4	Ser	mod	470.4 474.4					465.4 – 466.3m **Fragmental**				
												466.3-466.8m **Transition Zone**	464.5	465.4	0.9	16621
475												466.3 – 466.8m Light gray, fine grained, quartzitic wacke/ wacke.	465.4	465.7	0.3	16622
												466.8 – 467.1m **Fragmental**				
		So	77	478.9								467.1-468.0 **Transition Zone**	465.7	467.1	1.4	16623
480																

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480		So	85	480.1								467.1 – 467.5m Medium brown, laminated, distorted siltstone.	467.1	467.5	0.4	16624
												467.5 – 468.0m Dark gray, massive, medium bedded, quartzitic wacke.	467.5	468.0	0.5	16625
												468.0-470.4 **Fragmental**				
485												470.4-484.0 **Transition Zone**	468.0	469.4	1.6	16626
												470.4 -470.9m Brown, thin bedded/laminated siltstone occasional moderate sericite alteration.	469.4	470.4	1.0	16627
490		Vn	50	488.5								470.9 -479.0m Massive, thick bedded, well graded, fine grained, medium gray quartzitic wacke.	470.9	471.4	0.5	16628
					Chl	mod	493.6					479.0 – 480.1m Medium brown, laminated, moderately contrasting siltstone with some weak sericite bands.	471.4	471.7	0.3	16629
					Bt	mod	494.5					480.1 – 484.0 Medium gray, massive, well-sorted, medium grained quartzitic wacke	471.7	472.1	0.4	16630
495	VVV							Po	Vn 30cm	2%	495.0	with occasional 2-3 cm wide, sharp contrasting, cream coloured, sericite rich siltstone bands.	472.2	473.7	1.5	16631
	VV	cc Vn	40	500.4								484.0–495.3m **Sullivan Horizon Equivalent**. Massive, thick bedded, black, argillitic mudstone.	473.7	474.7	1.0	16632
500	VVV							Po	Vn	5%	498.3	488.2 – 488.3m Strongly fractured, moderate shear with a 6 mm wide, irregular quartz vein.	474.7	475.8	1.1	16633
	VV							Cpy	5mm	1%		488.6 – 488.8m 20 cm wide, irregular quartz vein with coarse biotite and chlorite in vein.	475.8	476.8	1.0	16634
	VVV	S1	75	506.2									476.8	477.8	1.0	16635
505	VV															
	VVV															
510	VV															

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510	vvv vv vvv vv	Vn	20	510.7				Po	Vn 7cm	10%	513.5	493.6 – 494.5m Occasional 1-3 mm wide, irregular, wispy quartz calcite veins in massive black mud unit; chlorite/biotite alteration increases. Get some disseminated pyrrhotite (2%) near veins.	477.8	478.8	1.0	16636
515	vvv vv	Vn	33	518.0				Po	Vn 6cm	10%	517.3	495.0 – 495.3m 30 cm wide, irregular quartz chlorite vein with some disseminated pyrrhotite (2%).	482.5	483.6	1.1	16637
520												495.3-515.8 **Gabbro**	483.6	484.6	1.0	16638
												495.3m Green, medium-grained, equigranular chlorite replacing hornblende, euhedral, pseudomorphic plagioclase biotite gabbro.	484.6	485.6	1.0	16639
		Vn	35	423.8								511.1 – 511.4m Large, 10 cm wide, irregular bull quartz vein with moderate calcite/biotite alteration in 5 cm wide, irregular envelope.	485.5	486.6	1.0	16640
525		So	72	424.8								515.6-531.6m **Transition Zone**	486.6	487.4	0.8	16641
												515.8 – 523.5m Medium gray, massive, well sorted, well graded, fine grained siltstone with moderate biotite (CWL).	487.4	488.4	1.0	16642
												523.5m Massive medium, thick bedded, medium gray quartzitic wacke.	488.8	489.8	1.0	16643
530		cc/chl Vn	18	530.7												
	vvv vv							Po Cpy	Vn 1cm	5% 1%	531.3	529.8 – 530.1m 5-6 cm wide, irregular, ghosty white quartz veins.	489.8	490.8	1.0	16644
535	vvv vv	Frx	26	537.9								*530.8 – 531.6m Brown, strongly biotized siltstone with numerous irregular, anastomosing calcite stringer veins.*	490.8	491.8	1.0	16645
								Po Cpy	Vn 4cm	2% 0.5%	534.1	531.6-571.33m **Gabbro**	492.0	492.8	1.0	16646
540	vvv vv											531.6 – 571.33m Green, porphyritic, medium grained hornblende, chlorite, plagioclase, biotite, gabbro.	517.0	517.9	0.9	16647

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m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	Gabbro Continued	FROM	TO	INT (m)	SAMPLE #	
540	vvv	Vn	20	541.4								543.5 – 544.1m 60 cm wide, white, irregular bull quartz vein with 5% disseminated coarse pyrite and 1% disseminated chalcopyrite.	518.0	519.0	1.0	16648	
	vv							Po	Vn	5%	543.5						
545	vvv							Cpy	60cm	1%							
	vv												519.0	520.0	1.0	16649	
	vvv	Vn	56	556.2													
	vv												520.1	521.1	1.0	16650	
550	vvv	cc Vn	20	558.6													
	vv																
	vvv																
555	vv																
	vvv																
	vv																
560	vvv																
	vv																
	vvv	cc Vn	31	568.0													
565	vv							Po	Vn	2%	565.7						
	vvv							Cpy	3cm	1%							
	vv																
570	vvv																

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m	LITH	TYPE	∠CA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)	Transition Zone	FROM	TO	INT (m)	SAMPLE #	
570																	
		Fix	35	572.7				Po	Vn 7mm	2%	575.0	571.33-624.5m **Transition Zone**					
		So	80	574.3								576.33 – 572.3m Green, fine grained, massive wacke.					
575												572.3 – 573.1m Alternating 3-8 mm wide dark black subwacke/argillite bands and light gray/white irregular, ghosty bands. Moderate biotite in dark bands.					
		cc Vn	25	579.1								573.1 – 576.2m Light gray, medium bedded, well sorted, massive quartzitic wacke Separated by 2-15 cm wide irregular sericitized bands of laminated siltstone.					
580					Ser	mod	580.1 580.2					576.2 – 577.8m Alternating bands of 5-15 cm wide massive dark black subwacke/argillitemud and 1-5 cm wide light gray to tan diffuse, sericitized siltstone laminae and thin beds.					
		So	83	583.4								577.8 – 580.9m Dark gray, massive, medium bedded quartzitic wacke with occasional sericitized thin bands/laminations of siltstone.					
585												580.9 – 584.2m Alternating wispy, diffuse bands of 1-20 cm wide black argillite/subwacke and 1-3 cm wide thin beds/laminations of sericitized siltstone with randomly oriented fine to medium grained calcite crystals.					
		Vn	40	588.7	Ser	mod	587.4 593.7					584.2 – 585.1m Medium gray, well sorted quartzitic wackes.					
590												585.1 – 587.2m Alternating bands of subwacke/argillite and siltstone.	591.0	593.0	2.0	16651	
												587.2 – 587.4m Weakly to moderately broken up core – fault.					
												587.4 – 593.6m Quartzitic wacke.					
595		So	78	598.0				Py	Vn 8cm	2%	597.2	593.6 – 596.0m Alternating bands of 2-20 cm black subwacke/argillite and moderately sericitized 2-8 cm wide bands of laminated siltstone.					
		Sh	66	597.2								596.0 – 597.5m Dark gray, medium bedded, well sorted quartzitic wacke/wacke with Frequent 5-10 cm long bands of sericite.					
600																	

RIO ALGOM EXPLORATION INC.

Property Findlay South

DDH FS 00-03

GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
600		Sh	60	600.4	Ser	mod-wk	601.1 629.5	Po	Vn	5%	600.0	597.2 – 597.5m 8 cm wide, strongly fractured, irregular quartz vein with some calcite chlorite alteration in a 3 cm wide envelope and some medium grained, subhedral pyrite (2%) in the vein. Likely is a weak shear, some gouge.				
		S_1	62	601.0				Py	1mm	2%						
605		So	78	605.9				Po	Vn	10%	601.4	597.5 – 599.6m Brown, thin bedded/laminated, occasionally wavy siltstone.				
								Py	3mm	1%		598.9 – 599.0m Weak, narrow (5 cm wide) fault, some gouge.	606.0	607.0	1.0	16652
												600.4 – 600.5m 5 cm wide weak shear, some gouge.				
610		S_1	88	607.5	Chl SiO_2	mod mod	610.3 611.9					605.6 – 615.2m Alternating dark brown 20-30 cm wide brown, biotite rich, laminated siltstone bands and cream/tan 6-8 cm wide irregular siltstone bands. Moderately sharp contrast between bands. Light bands frequently distorted. Dark siltstone bands consist of wacke/subwacke.				
		Sh	80	610.4				Py	Semi Msv 4mm	10%	611.9					
615		Vn	28	616.0								610.3 – 611.9m Moderately foliated, banded siltstone with occasional 1-4 mm irregular quartz veins. Moderately sheared with some gouge, some moderate to weak chlorite alteration.	618.8	619.8	1.0	16653
		So	85	617.7				Po	Vn 1cm	2%	617.9	613.1 – 613.3m White, irregular, 1-3 cm wide quartz veins.				
620												615.2 – 624.5m Alternating 2-10 cm bands of dark gray quartzitic wacke and 1-2 cm bands of laminated, sericitized siltstone. Occasional 1-8 cm long, elongated, subrounded chert chips.	625.6	626.6	1.0	16654
625		S_1	67	625.1								620.6 – 620.7m Off white, 4 mm wide, irregular calcite chlorite vein with some 1-2 cm long, acicular, needle shaped tourmaline in vein.				
		Frx	20	628.5								624.5-625.3m **Gabbro**				
630												625.3-647.8m **Transition Zone**				

RIO ALGOM EXPLORATION INC.

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GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS			
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #
630		Frx	50	631.0	Ser	mod	622.8 639.4	Po	Vn 1cm	10%	635.0	625.3 – 626.9m Dark gray, massive, thick bedded, fine grained wacke/subwacke.	639.2	640.2	1.0	16655
		So	87	631.1								626.9m Dark gray, massive, thick bedded, quartzitic wacke with occasional 5-10 cm wide diffuse, weakly sericitized siltstone bands.				
635		Sh	42	631.5				Po	Vn 1mm	5%	637.4	630.1 – 637.8m *Dark gray, medium bedded, well sorted quartzitic wacke/wacke with* frequent 5-15 cm wide diffuse bands of wavy, sericitized siltstone.	640.2	641.2	1.0	16656
		Frx	38	639.3								631.5 – 631.6m 3-4 cm wide, weak shear with some gouge.				
640		ccVn	18	642.8								637.8 – 638.8m Medium to light gray, laminated/thin bedded, wavy siltstone.	641.7	641.9	0.2	16657
		Qtz/cc Vn	18	644.1								638.8 – 644.8m *Distorted, medium gray, biotite rich, laminated/thin bedded siltstone with* occasional 5-15 cm wide, medium to dark gray, well sorted, medium grained quartzitic wacke/wacke.	645.4	646.4	1.0	16658
645								Po	Semi Mod	10%	646.7	640.7 – 644.2m Siltstone bands become more sharp and distinct but still get medium to thin bedded quartzitic wackes/wackes.				
												644.2 – 644.8m siltstone becomes strongly distorted, numerous flame structures and significant soft sediment deformation.				
650												645.5 – 647.8m Dark gray, medium bedded quartzitic wacke/wacke with 12-25 cm wide sections of strongly deformed, convoluted, medium gray, laminated siltstone.				
		Sh	44	652.4								647.8-660.1m **Lower Aldridge (A_1)**				
655		So	65	653.3								647.8 – 649.3m Begin to get 5-10 cm wide, light gray, wavy, sharply contrasting bands of finely laminated siltstone alternating with 3-20 cm bands of dark grey, finely laminated, sharply contrasting, wavy siltstone. Also get thick sections of massive, finely laminated wacke/subwacke. Beginning of Lower Aldridge (A1).				
		Sh	10	655.0												
		So	77	655.8												
660																

RIO ALGOM EXPLORATION INC.

Property Findlay South

DDH FS 00-03

GRAPHIC		PRIMARY FABRICS & STRUCTURES			ALTERATION			MINERALIZATION				COMMENTS	ASSAY INTERVALS & RESULTS				
m	LITH	TYPE	DCA	(m)	TYPE	INT	(m)	TYPE MIN	TYPE STR	INT/ SIZE	(m)		FROM	TO	INT (m)	SAMPLE #	
660												649.3m Massive, thick bedded, light gray, well sorted quartzitic wacke. 652.4 – 652.5m Weak shear, some gouge. 654.8 – 655.3m Moderately strong, gougy, brecciated fault with some finely disseminated pyrite. 655.3 – 657.9m Finely laminated, thin bedded, sharp contrasting, occasionally distorted siltstone. 657.9m Massive, dark gray, medium bedded, quartizitic wacke. 659.0 – 659.3m 30 cm wide, irregular, white quartz calcite vein with a moderate chlorite selvage. 660.1m **End of Hole**.					
665																	
670																	
675																	
680																	
685																	
690																	

Appendix VI

Analytical Results

14-Jul-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 2000-125

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

ATTENTION: SIG WEIDNER

No. of samples received: 99
Sample type: Core
Project #: 9902
Shipment #: None Given
Samples submitted by: P. Donnelly

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	16251	10	<0.2	1.61	<5	105	15	0.40	<1	15	69	36	3.37	10	0.99	648	<1	0.05	17	520	24	10	<20	17	0.13	<10	38	<10	21	90
2	16252	<5	<0.2	1.09	<5	115	5	0.23	<1	15	36	47	2.89	20	0.47	276	<1	<0.01	19	610	8	<5	<20	2	0.11	<10	12	<10	9	72
3	16253	<5	<0.2	0.97	<5	105	<5	0.25	<1	12	48	30	2.52	20	0.45	318	2	0.01	12	330	16	5	<20	2	0.10	<10	14	<10	15	54
4	16254	<5	<0.2	0.90	<5	95	5	0.43	<1	15	39	68	3.05	10	0.42	477	<1	<0.01	21	320	6	<5	<20	4	0.09	<10	10	<10	5	71
5	16255	<5	<0.2	1.21	5	115	10	0.35	<1	12	48	17	2.67	20	0.51	353	<1	0.01	13	330	10	<5	<20	6	0.14	<10	15	<10	14	66
6	16256	<5	<0.2	1.33	<5	115	5	0.20	<1	16	45	36	3.17	20	0.56	332	<1	<0.01	19	300	6	<5	<20	6	0.14	<10	14	<10	12	74
7	16257	<5	<0.2	1.42	<5	125	10	0.62	<1	17	44	48	3.68	20	0.69	455	1	0.01	18	440	44	<5	<20	13	0.13	<10	21	<10	16	81
8	16258	<5	<0.2	1.21	<5	105	10	0.27	<1	17	45	80	3.60	20	0.52	328	4	<0.01	24	680	6	<5	<20	3	0.11	<10	13	<10	8	65
9	16259	<5	<0.2	1.44	<5	130	5	0.12	<1	19	38	67	3.83	20	0.63	313	<1	<0.01	24	350	6	<5	<20	2	0.15	<10	17	<10	9	74
10	16260	<5	<0.2	1.41	<5	140	10	0.18	<1	17	38	33	3.32	<10	0.60	321	<1	<0.01	22	370	6	<5	<20	2	0.16	<10	16	<10	6	62
11	16261	70	<0.2	1.56	10	100	5	0.34	<1	16	43	25	3.42	10	0.81	276	<1	<0.01	20	330	8	<5	<20	5	0.14	<10	20	<10	10	44
12	16262	<5	2.2	0.07	<5	30	150	1.10	138	40	104	321	5.27	<10	0.22	3215	<1	<0.01	15	40	96	<5	<20	22	<0.01	<10	<1	<10	<1	>10000
13	16263	<5	<0.2	1.23	<5	135	10	0.26	<1	14	39	20	2.93	<10	0.52	364	<1	<0.01	16	430	4	<5	<20	4	0.14	<10	14	<10	8	94
14	16264	<5	<0.2	1.39	<5	140	15	0.15	<1	15	35	22	3.30	<10	0.60	401	<1	<0.01	18	320	6	<5	<20	<1	0.15	<10	16	<10	7	75
15	16265	<5	<0.2	1.47	<5	135	15	0.12	<1	14	59	26	3.27	10	0.62	285	<1	<0.01	19	340	4	<5	<20	<1	0.15	<10	19	<10	10	112
16	16266	<5	<0.2	1.29	<5	115	10	0.19	<1	14	46	30	2.91	10	0.64	244	<1	<0.01	18	300	8	<5	<20	<1	0.12	<10	15	<10	8	64
17	16267	25	11.0	0.03	<5	15	160	4.03	19	9	124	61	4.07	<10	0.73	2194	5	<0.01	8	<10	486	<5	<20	86	<0.01	<10	<1	<10	15	3342
18	16268	<5	<0.2	1.42	<5	150	10	0.17	<1	15	38	29	3.19	10	0.60	317	<1	<0.01	20	300	8	5	<20	<1	0.16	<10	17	<10	10	85
19	16269	<5	<0.2	1.16	<5	140	10	0.22	<1	12	66	22	2.53	10	0.47	289	<1	<0.01	15	500	12	<5	<20	3	0.13	<10	15	<10	13	63
20	16270	<5	<0.2	0.92	<5	110	5	0.25	<1	16	34	43	3.12	<10	0.52	458	<1	<0.01	20	340	4	<5	<20	4	0.12	<10	11	<10	6	90
21	16271	<5	<0.2	1.44	5	140	10	0.22	<1	17	46	37	3.64	20	0.64	347	<1	<0.01	21	440	12	<5	<20	4	0.14	<10	18	<10	8	86
22	16272	<5	<0.2	1.65	65	135	15	0.16	<1	22	38	35	3.82	20	0.68	321	<1	<0.01	22	370	8	<5	<20	<1	0.16	<10	21	<10	9	80
23	16273	<5	<0.2	1.33	<5	130	15	0.24	<1	17	47	43	3.52	<10	0.60	410	<1	<0.01	23	270	4	<5	<20	2	0.15	<10	15	<10	4	79
24	16274	<5	<0.2	1.32	<5	160	10	0.21	<1	15	42	36	3.16	20	0.54	278	<1	<0.01	19	310	4	<5	<20	9	0.15	<10	15	<10	11	67
25	16275	<5	<0.2	1.46	<5	135	15	0.23	<1	18	48	47	3.61	30	0.59	276	<1	<0.01	21	370	8	5	<20	7	0.14	<10	18	<10	14	71

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	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	16276	<5	<0.2	1.46	<5	130	5	0.21	<1	16	49	30	3.43	30	0.58	340	<1	<0.01	20	300	10	<5	<20	2	0.14	<10	18	<10	18	83
27	16277	<5	8.6	1.36	<5	95	20	0.59	26	18	55	108	3.75	20	0.56	804	<1	<0.01	22	230	440	<5	<20	3	0.12	<10	15	<10	15	3911
28	16278	<5	<0.2	1.23	<5	120	10	0.25	<1	12	52	22	2.74	20	0.48	472	<1	0.01	16	250	44	<5	<20	2	0.13	<10	17	<10	16	163
29	16279	<5	<0.2	1.43	<5	155	10	0.18	<1	18	48	44	3.64	20	0.58	330	<1	<0.01	23	320	10	5	<20	<1	0.15	<10	17	<10	10	83
30	16280	<5	0.6	1.30	<5	130	20	0.25	<1	14	51	27	3.13	10	0.54	388	<1	0.01	20	310	270	<5	<20	4	0.14	<10	17	<10	9	99
31	16281	<5	<0.2	1.37	<5	135	10	0.22	<1	17	44	37	3.48	10	0.62	400	<1	<0.01	22	390	16	<5	<20	2	0.15	<10	16	<10	9	103
32	16282	<5	<0.2	1.18	<5	100	<5	0.48	<1	15	52	60	3.11	40	0.47	562	<1	<0.01	20	340	10	<5	<20	7	0.13	<10	13	<10	20	90
33	16283	<5	<0.2	0.67	<5	30	<5	0.22	<1	5	46	16	1.38	20	0.27	227	<1	<0.01	6	190	16	<5	<20	<1	0.07	<10	7	<10	29	37
34	16284	<5	<0.2	1.56	<5	80	15	0.48	<1	13	80	25	3.21	10	1.12	601	1	0.03	16	440	72	10	<20	14	0.12	<10	35	<10	20	129
35	16285	<5	<0.2	1.20	10	70	10	0.70	13	17	58	85	3.18	10	0.79	514	<1	0.02	15	390	30	<5	<20	7	0.11	<10	19	<10	14	2363
36	16286	<5	<0.2	1.38	<5	85	<5	0.43	<1	15	64	65	3.18	10	1.01	271	<1	0.01	19	390	6	<5	<20	4	0.10	<10	20	<10	4	46
37	16287	<5	<0.2	1.24	<5	85	10	0.80	3	13	65	84	2.99	10	0.87	526	<1	0.01	16	400	12	5	<20	12	0.10	<10	12	<10	23	576
38	16288	<5	<0.2	0.93	<5	75	<5	0.59	<1	12	50	120	2.68	<10	0.59	416	3	0.02	17	370	14	<5	<20	12	0.08	<10	16	<10	10	63
39	16289	<5	<0.2	1.19	<5	95	10	0.40	<1	14	61	35	3.15	10	0.70	329	11	0.02	17	420	6	<5	<20	5	0.11	<10	16	<10	23	60
40	16290	<5	<0.2	1.47	<5	105	10	0.60	<1	13	67	28	2.94	10	0.97	465	<1	0.03	16	440	14	10	<20	32	0.13	<10	25	<10	20	65
41	16291	<5	<0.2	1.37	<5	95	15	0.50	<1	12	63	32	2.87	<10	0.81	462	<1	0.03	15	390	12	10	<20	5	0.12	<10	23	<10	14	196
42	16292	<5	<0.2	1.43	<5	105	<5	0.30	<1	14	64	29	3.29	<10	0.91	456	<1	0.02	17	470	16	10	<20	<1	0.12	<10	23	<10	13	74
43	16293	<5	<0.2	1.58	<5	115	15	0.38	<1	14	48	30	3.41	<10	1.03	451	<1	0.01	16	450	8	10	<20	<1	0.13	<10	19	<10	13	80
44	16294	5	<0.2	1.54	<5	120	10	0.50	<1	14	73	26	3.20	<10	1.10	507	2	0.02	16	440	14	5	<20	11	0.12	<10	31	<10	16	65
45	16295	<5	<0.2	0.75	<5	65	<5	0.74	<1	14	42	32	3.04	<10	0.72	395	3	<0.01	18	380	4	10	<20	19	0.05	<10	8	<10	4	56
46	16296	<5	<0.2	1.98	<5	80	15	0.40	<1	13	75	19	3.15	<10	1.54	659	<1	0.05	15	530	16	15	<20	5	0.13	<10	46	<10	17	88
47	16297	<5	<0.2	2.19	<5	70	10	1.22	<1	13	66	20	3.17	<10	1.43	775	<1	0.08	16	520	28	15	<20	17	0.13	<10	38	<10	16	110
48	16298	<5	<0.2	1.19	<5	100	5	0.34	<1	14	66	27	3.30	10	0.61	430	<1	0.01	18	350	16	<5	<20	2	0.13	<10	17	<10	18	80
49	16299	5	<0.2	0.96	10	85	10	0.29	<1	12	51	25	2.86	20	0.49	424	<1	<0.01	16	340	12	<5	<20	1	0.09	<10	11	<10	28	66
50	16300	<5	<0.2	1.23	<5	115	10	0.19	<1	17	44	29	3.53	20	0.56	436	<1	<0.01	22	260	6	<5	<20	<1	0.15	<10	12	<10	9	66
51	16301	<5	<0.2	0.91	<5	70	<5	0.12	<1	11	40	19	2.67	<10	0.46	364	<1	0.01	12	280	20	<5	<20	<1	0.10	<10	12	<10	14	70
52	16302	<5	<0.2	1.29	<5	75	10	0.22	<1	12	57	23	2.90	<10	0.99	444	<1	0.02	15	430	14	10	<20	2	0.11	<10	25	<10	12	62
53	16303	<5	<0.2	2.21	<5	90	15	0.33	<1	13	70	20	3.31	<10	1.74	641	<1	0.05	14	500	24	10	<20	7	0.14	<10	52	<10	14	124
54	16304	<5	<0.2	1.01	<5	80	15	0.15	<1	11	62	21	2.65	10	0.58	324	<1	0.02	17	290	8	5	<20	<1	0.10	<10	17	<10	13	68
55	16305	<5	<0.2	0.75	<5	65	5	0.18	<1	10	42	22	2.44	<10	0.43	201	<1	0.01	13	210	8	<5	<20	<1	0.06	<10	8	<10	11	34
56	16306	<5	<0.2	0.99	<5	105	<5	0.20	<1	13	49	24	2.96	20	0.43	240	<1	<0.01	16	220	14	<5	<20	4	0.11	<10	10	<10	20	56
57	16307	<5	<0.2	1.06	<5	115	15	0.19	<1	13	48	19	2.83	20	0.46	265	<1	0.01	16	210	18	<5	<20	<1	0.13	<10	11	<10	13	49
58	16308	<5	<0.2	1.28	5	135	10	0.12	<1	13	53	24	2.80	10	0.54	306	<1	0.01	16	300	10	<5	<20	<1	0.15	<10	17	<10	32	49
59	16309	10	<0.2	1.08	5	105	<5	0.08	<1	12	47	33	2.63	<10	0.45	287	<1	0.02	13	170	6	<5	<20	<1	0.13	<10	15	<10	16	44
60	16310	<5	<0.2	1.45	10	155	5	0.20	<1	15	58	32	3.27	10	0.64	354	<1	<0.01	19	240	10	<5	<20	<1	0.16	<10	18	<10	10	60

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	16311	<5	<0.2	1.26	10	135	15	0.15	<1	11	68	8	2.58	<10	0.45	334	<1	0.02	13	210	10	5	<20	1	0.15	<10	17	<10	13	44
62	16312	<5	<0.2	1.31	<5	140	15	0.10	<1	13	56	25	2.96	10	0.60	328	<1	0.01	19	240	12	<5	<20	<1	0.14	<10	17	<10	15	48
63	16313	<5	<0.2	1.62	5	145	10	0.12	<1	14	41	14	3.35	10	0.65	342	<1	<0.01	15	330	10	<5	<20	<1	0.17	<10	21	<10	20	50
64	16314	<5	<0.2	1.42	<5	150	10	0.09	<1	14	43	16	3.06	<10	0.54	344	<1	<0.01	17	250	8	<5	<20	<1	0.16	<10	18	<10	18	54
65	16315	20	<0.2	1.23	<5	140	10	0.24	<1	13	44	3	2.81	10	0.48	457	<1	<0.01	16	290	8	<5	<20	3	0.17	<10	15	<10	9	50
66	16316	5	<0.2	1.37	<5	130	5	0.15	<1	14	64	32	3.38	<10	0.74	448	<1	0.02	17	330	12	<5	<20	<1	0.16	<10	26	<10	12	61
67	16317	<5	<0.2	1.07	<5	95	5	0.12	<1	12	52	17	2.51	<10	0.48	330	<1	0.01	12	250	8	<5	<20	<1	0.13	<10	17	<10	15	43
68	16318	<5	<0.2	1.17	<5	125	<5	0.11	<1	12	64	23	2.87	10	0.54	359	<1	0.02	16	260	10	<5	<20	<1	0.13	<10	18	<10	26	65
69	16319	<5	<0.2	1.54	<5	135	15	0.20	2	15	52	27	3.64	10	0.92	500	<1	0.02	18	420	16	<5	<20	3	0.16	<10	25	<10	21	260
70	16320	<5	<0.2	1.14	10	90	<5	0.18	<1	16	51	31	3.36	<10	0.76	410	2	0.01	19	420	10	10	<20	<1	0.10	<10	16	<10	11	47
71	16321	<5	<0.2	1.45	<5	140	15	0.12	<1	16	43	28	3.73	<10	0.73	458	<1	0.01	18	260	10	<5	<20	3	0.17	<10	21	<10	12	74
72	16322	5	<0.2	1.32	<5	115	10	0.12	<1	16	43	31	3.52	<10	0.70	389	<1	0.01	17	330	12	<5	<20	<1	0.15	<10	21	<10	12	69
73	16323	35	<0.2	1.34	5	130	10	0.11	<1	17	58	33	3.74	<10	0.67	397	<1	0.01	18	310	12	<5	<20	<1	0.15	<10	20	<10	11	69
74	16324	<5	<0.2	1.39	<5	130	5	0.18	<1	15	45	27	3.47	<10	0.69	399	<1	0.01	16	630	10	<5	<20	<1	0.16	<10	22	<10	14	72
75	16325	<5	<0.2	1.27	<5	150	10	0.16	<1	12	71	21	2.93	10	0.66	452	<1	0.03	11	280	16	<5	<20	2	0.19	30	30	<10	17	68
76	16326	10	<0.2	1.38	<5	120	10	0.24	<1	15	72	23	3.09	20	0.75	494	<1	0.04	13	650	14	<5	<20	2	0.18	<10	39	<10	20	78
77	16327	<5	<0.2	1.22	<5	115	10	0.20	<1	14	68	27	3.05	<10	0.62	405	<1	0.02	17	380	12	<5	<20	<1	0.14	<10	17	<10	16	73
78	16328	<5	<0.2	1.43	25	120	15	0.28	<1	16	69	39	3.36	20	0.87	475	<1	0.03	19	340	26	10	<20	<1	0.16	<10	30	<10	19	85
79	16329	5	<0.2	2.06	<5	165	15	0.27	<1	17	64	25	3.98	10	1.37	690	<1	0.02	23	510	26	<5	<20	1	0.22	<10	36	<10	16	119
80	16330	<5	<0.2	2.00	<5	175	10	0.59	<1	15	61	24	3.61	10	1.19	812	<1	0.07	15	1970	20	5	<20	7	0.19	<10	69	<10	21	121
81	16331	<5	<0.2	1.25	<5	110	10	0.20	<1	16	77	36	3.43	10	0.72	436	<1	0.03	17	530	16	<5	<20	<1	0.14	<10	25	<10	16	83
82	16332	<5	<0.2	1.46	<5	125	15	0.17	<1	19	53	45	4.21	<10	0.77	477	<1	0.02	23	440	16	<5	<20	<1	0.18	<10	21	<10	12	74
83	16333	<5	<0.2	1.76	<5	155	15	0.24	<1	16	86	39	3.91	<10	1.20	406	2	0.03	19	460	16	<5	<20	<1	0.16	<10	41	<10	8	60
84	16334	<5	<0.2	1.05	60	105	<5	0.44	<1	17	67	44	2.84	20	0.63	378	<1	0.02	20	490	8	<5	<20	2	0.09	<10	17	<10	10	48
85	16335	<5	<0.2	2.72	15	215	10	1.71	<1	28	98	135	3.86	<10	1.34	628	<1	0.15	38	440	24	10	<20	39	0.21	<10	114	<10	3	95
86	16336	10	<0.2	4.60	20	175	20	2.41	<1	39	99	202	5.85	<10	2.24	855	<1	0.24	42	520	32	15	<20	64	0.22	<10	162	<10	3	211
87	16337	<5	<0.2	3.57	15	95	10	2.27	<1	27	85	59	3.26	<10	1.21	529	<1	0.26	30	470	22	15	<20	71	0.18	<10	94	<10	8	85
88	16338	<5	<0.2	2.00	65	80	10	4.52	<1	30	79	102	5.30	<10	2.35	1922	<1	0.03	42	370	14	10	<20	71	0.09	<10	75	<10	<1	81
89	16339	<5	<0.2	1.16	10	55	<5	2.53	<1	13	87	120	3.18	10	1.05	544	4	0.04	16	430	16	10	<20	53	0.07	<10	28	<10	21	79
90	16340	<5	<0.2	1.68	<5	105	15	0.31	<1	13	80	41	3.28	10	1.14	558	<1	0.03	14	580	30	<5	<20	2	0.18	<10	42	<10	16	92
91	16341	<5	<0.2	1.68	<5	120	10	0.23	<1	21	72	114	4.48	<10	1.15	578	<1	0.03	22	610	26	10	<20	<1	0.17	<10	36	<10	14	114
92	16342	<5	<0.2	1.29	<5	85	10	0.48	<1	14	53	36	3.34	<10	0.88	348	<1	0.02	19	450	12	10	<20	7	0.11	<10	16	<10	12	66
93	16343	<5	<0.2	1.41	15	90	15	0.47	<1	14	82	30	3.14	10	0.96	442	<1	0.02	19	450	48	<5	<20	6	0.12	<10	17	<10	14	106
94	16344	<5	<0.2	1.30	<5	95	10	0.51	<1	14	73	30	3.28	10	0.90	398	<1	0.03	16	500	10	<5	<20	7	0.13	<10	25	<10	18	65
95	16345	5	<0.2	0.67	1355	35	<5	1.55	<1	20	80	47	3.14	<10	0.82	1271	3	0.02	22	260	10	<5	<20	21	0.01	<10	18	<10	7	29

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	16346	<5	<0.2	1.47	25	130	15	0.19	<1	14	61	28	3.32	<10	0.84	461	<1	0.02	17	450	22	<5	<20	<1	0.17	<10	24	<10	15	73
97	16347	<5	<0.2	1.31	<5	135	10	0.14	<1	13	72	20	2.88	<10	0.58	363	<1	0.02	14	310	10	<5	<20	<1	0.17	<10	18	<10	16	44
98	16349	<5	<0.2	1.61	<5	90	10	0.26	<1	13	76	70	2.89	<10	1.01	455	<1	0.03	13	480	24	5	<20	5	0.18	<10	46	<10	14	87
99	16350	<5	14.2	0.20	7760	45	5	<0.01	<1	4	121	120	3.94	<10	<0.01	48	22	0.01	6	900	>10000	<5	<20	24	<0.01	<10	2	<10	<1	45
QC DATA:																														
Resplit:																														
1	16251	<5	<0.2	1.60	<5	95	10	0.39	<1	15	69	42	3.39	10	0.99	647	<1	0.04	17	530	28	10	<20	11	0.13	<10	38	<10	22	102
36	16286	10	<0.2	1.32	<5	75	<5	0.44	<1	15	53	60	3.22	<10	0.98	271	<1	0.01	19	400	8	<5	<20	4	0.10	<10	20	<10	3	45
71	16321	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	16251	<5	<0.2	1.62	<5	85	15	0.40	<1	15	69	35	3.38	10	0.99	647	<1	0.05	17	550	24	<5	<20	7	0.12	<10	38	<10	20	91
10	16260	<5	<0.2	1.40	<5	145	10	0.18	<1	17	38	31	3.32	<10	0.60	321	<1	<0.01	22	370	6	<5	<20	3	0.16	<10	16	<10	7	69
19	16269	<5	<0.2	1.15	<5	135	10	0.22	<1	12	66	22	2.52	20	0.47	285	<1	<0.01	15	510	14	<5	<20	2	0.13	<10	15	<10	13	79
36	16286	<5	<0.2	1.37	<5	85	<5	0.43	<1	15	64	66	3.19	10	0.99	270	1	0.02	18	410	8	10	<20	4	0.10	<10	20	<10	5	45
45	16295	<5	<0.2	0.77	<5	65	5	0.74	<1	14	43	32	3.11	<10	0.73	403	2	<0.01	18	390	4	5	<20	20	0.05	<10	8	<10	3	57
54	16304	<5	<0.2	0.99	<5	85	5	0.15	<1	11	61	21	2.62	10	0.57	321	<1	0.02	15	290	8	5	<20	<1	0.09	<10	17	<10	13	70
71	16321	<5	<0.2	1.46	<5	140	10	0.11	<1	16	43	27	3.70	<10	0.74	459	<1	0.01	18	260	12	<5	<20	<1	0.17	<10	21	<10	14	74
80	16330	<5	<0.2	2.02	<5	180	20	0.64	<1	15	61	24	3.62	10	1.20	821	<1	0.08	15	1990	18	10	<20	7	0.21	<10	70	<10	21	120
89	16339	<5	<0.2	1.15	10	50	<5	2.49	<1	13	88	118	3.12	10	1.03	531	4	0.04	16	420	14	<5	<20	49	0.07	<10	27	<10	18	76
Standard:																														
GEO'00		115	1.0	1.65	55	150	<5	1.52	<1	18	64	83	3.48	<10	0.89	659	<1	0.01	25	690	18	10	<20	52	0.09	<10	70	<10	10	69
GEO'00		-	1.2	1.83	60	150	<5	1.61	<1	19	61	86	3.64	<10	0.93	670	<1	0.02	24	720	22	5	<20	62	0.12	<10	79	<10	9	71
GEO'00		-	1.0	1.84	55	155	<5	1.60	<1	19	60	88	3.66	<10	0.94	674	<1	0.02	22	760	20	10	<20	62	0.12	<10	79	<10	9	72
GEO'00		-	0.4	1.85	60	155	<5	1.62	<1	20	63	87	3.70	<10	0.95	682	<1	0.02	22	760	26	10	<20	62	0.12	<10	79	<10	8	73

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

df/125,123(2)
XLS/00
Fax: 604-669-0447

ECO-TECH LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2000-125

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

14-Jul-00

ATTENTION: SIG WEIDNER

No. of samples received: 99
Sample type: Core
Project #: 9902
Shipment #: None Given
Samples submitted by: P. Donnelly

ET #.	Tag #	Pb (%)	Zn (%)	
12	16262	-	3.80	
~~99~~	~~16350~~	~~1.60~~		NOT DRILLING

QC DATA:

Standard:
CCU1a - 2.86

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

XLS/00
Fax: 604-669-0447

28-Jul-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 2000-168

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

ATTENTION: SIG WEIDNER

No. of samples received: 159
Sample type: Core
Project #: 9902
Shipment #: None Given
Samples submitted by: P. Donnelly

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	16351	20	<0.2	1.36	<5	135	<5	0.31	<1	16	66	45	3.29	20	0.63	502	<1	<0.01	23	350	8	<5	<20	16	0.09	<10	13	<10	14	83
2	16352	20	<0.2	1.12	25	110	10	0.34	<1	18	65	39	3.51	<10	0.62	570	<1	0.01	25	410	6	<5	<20	16	0.09	<10	12	<10	11	72
3	16353	15	<0.2	1.24	5	130	10	0.39	<1	19	90	52	3.11	10	0.60	404	<1	<0.01	21	380	8	<5	<20	14	0.13	<10	13	<10	12	57
4	16354	15	<0.2	1.15	5	125	15	0.44	<1	13	140	15	2.32	20	0.44	395	<1	0.02	17	300	20	<5	<20	13	0.10	<10	12	<10	20	59
5	16355	10	<0.2	1.40	10	110	10	0.28	<1	14	80	19	3.20	40	0.53	399	<1	0.01	21	420	12	<5	<20	9	0.12	<10	16	<10	31	73
6	16356	15	<0.2	1.15	<5	95	5	0.34	<1	14	71	16	2.90	30	0.45	430	1	<0.01	19	350	10	<5	<20	11	0.08	<10	12	<10	27	73
7	16357	<5	<0.2	1.45	<5	100	10	0.28	<1	17	60	36	3.30	20	0.67	351	<1	<0.01	23	560	18	<5	<20	7	0.12	<10	15	<10	36	83
8	16358	5	<0.2	1.52	<5	135	10	0.43	<1	13	109	21	3.21	20	0.66	452	<1	0.03	19	610	18	10	<20	12	0.13	<10	27	<10	38	85
9	16359	10	<0.2	1.30	<5	100	10	0.37	<1	15	93	50	3.12	10	0.51	338	<1	0.02	20	280	40	<5	<20	9	0.12	<10	16	<10	47	75
10	16360	10	<0.2	1.34	<5	95	<5	0.27	<1	20	87	102	3.59	10	0.53	330	1	0.02	25	330	52	<5	<20	8	0.11	<10	16	<10	47	70
11	16361	15	<0.2	1.35	5	115	10	0.25	<1	15	59	25	3.16	30	0.62	338	<1	0.02	19	510	8	<5	<20	9	0.11	<10	16	<10	17	78
12	16362	10	<0.2	1.40	<5	115	10	0.29	<1	16	74	28	3.23	20	0.67	329	<1	0.01	22	360	16	<5	<20	7	0.14	<10	15	<10	26	83
13	16363	10	<0.2	1.33	<5	100	5	0.26	<1	15	79	31	3.12	20	0.61	318	<1	0.01	20	410	14	<5	<20	6	0.11	<10	12	<10	24	72
14	16364	<5	<0.2	1.21	<5	100	15	0.24	<1	15	73	31	3.00	20	0.53	234	<1	<0.01	20	340	12	<5	<20	5	0.11	<10	13	<10	18	70
15	16365	5	2.2	1.18	<5	70	15	0.81	3	21	116	31	3.51	10	0.72	630	<1	0.01	23	250	440	<5	<20	13	0.08	<10	11	<10	11	489
16	16366	10	<0.2	1.44	<5	95	<5	0.55	<1	17	78	40	3.43	20	0.73	397	2	0.01	23	450	44	<5	<20	10	0.10	<10	15	<10	22	101
17	16367	5	<0.2	1.38	<5	115	10	0.37	<1	19	83	53	3.35	10	0.54	383	<1	0.01	26	730	16	<5	<20	6	0.14	<10	15	<10	17	99
18	16368	<5	<0.2	1.26	<5	90	10	0.95	<1	15	86	64	2.93	30	0.50	477	<1	0.01	19	460	34	5	<20	15	0.10	<10	14	<10	28	111
19	16369	5	<0.2	1.47	<5	120	10	0.35	<1	16	75	32	3.21	20	0.64	329	<1	0.01	22	910	22	<5	<20	8	0.13	<10	17	<10	43	86
20	16370	5	<0.2	1.53	<5	105	10	0.32	<1	19	68	50	3.67	20	0.66	372	<1	0.01	26	480	12	<5	<20	11	0.13	<10	17	<10	24	87

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	16371	30	<0.2	0.75	20	80	<5	1.36	<1	13	116	36	2.49	20	0.76	575	3	0.02	29	840	16	15	<20	80	0.02	<10	13	<10	17	59
22	16372	<5	<0.2	1.12	<5	85	5	0.65	<1	13	98	57	2.83	10	0.63	441	<1	0.02	19	530	48	<5	<20	13	0.09	<10	12	<10	15	103
23	16373	5	<0.2	0.45	65	55	<5	1.16	<1	9	127	48	2.41	10	0.44	890	3	0.02	15	230	8	<5	<20	28	0.01	<10	6	<10	13	24
24	16374	<5	1.8	1.03	5	80	5	1.53	<1	13	141	29	2.58	<10	0.46	852	<1	0.03	19	190	754	<5	<20	22	0.08	<10	17	<10	18	38
25	16375	<5	<0.2	1.46	15	90	<5	0.51	<1	13	120	43	3.15	30	0.56	410	<1	0.01	19	360	24	<5	<20	8	0.10	<10	16	<10	26	60
26	16376	5	<0.2	1.27	<5	80	<5	0.56	<1	16	77	39	3.37	10	0.61	544	<1	0.01	21	360	12	<5	<20	12	0.09	<10	15	<10	14	63
27	16377	<5	<0.2	1.53	<5	95	10	0.29	<1	18	71	83	3.48	30	0.62	332	2	0.01	31	370	12	<5	<20	4	0.12	<10	14	<10	66	67
28	16378	10	<0.2	1.45	35	30	10	0.58	<1	15	97	22	2.41	10	1.34	577	<1	0.02	17	320	22	15	<20	12	0.03	<10	23	<10	16	52
29	16379	10	<0.2	1.40	5	55	<5	0.25	<1	15	95	17	2.77	20	0.95	242	3	0.01	25	470	10	<5	<20	1	0.01	<10	10	<10	7	29
30	16380	<5	<0.2	1.32	<5	30	<5	0.13	<1	7	82	3	2.47	10	1.59	424	2	0.02	14	280	10	15	<20	2	<0.01	<10	12	<10	<1	27
31	16381	5	<0.2	1.56	<5	20	<5	0.06	<1	22	134	2	2.27	<10	1.72	129	3	0.03	11	70	10	15	<20	<1	<0.01	<10	14	<10	<1	23
32	16382	<5	<0.2	3.06	<5	25	5	0.08	<1	18	98	3	3.38	<10	3.80	193	3	0.02	18	130	18	25	<20	2	0.01	<10	43	<10	<1	44
33	16383	<5	<0.2	2.06	<5	15	<5	0.14	<1	10	77	1	2.50	<10	2.45	133	2	0.03	13	290	12	15	<20	<1	<0.01	<10	29	<10	<1	26
34	16384	<5	<0.2	1.47	<5	115	5	0.39	<1	17	118	44	3.21	30	0.58	368	<1	0.02	26	320	10	<5	<20	4	0.13	<10	17	<10	22	65
35	16385	<5	<0.2	3.01	<5	225	20	0.32	<1	21	107	5	5.34	10	1.50	732	<1	0.04	24	550	60	<5	<20	5	0.28	<10	48	<10	41	166
36	16386		<0.2	2.30	<5	195	20	0.88	1	16	98	21	3.91	20	1.42	654	<1	0.03	20	520	120	10	<20	13	0.17	<10	36	<10	22	207
37	16387	5	<0.2	1.93	15	110	15	0.38	<1	24	105	51	3.81	20	0.78	452	<1	0.02	22	360	16	<5	<20	6	0.17	<10	26	<10	39	92
38	16388	<5	<0.2	1.65	10	95	10	0.54	<1	15	116	28	3.06	20	0.65	418	<1	0.04	18	330	12	5	<20	9	0.13	<10	24	<10	24	62
39	16389	15	<0.2	0.26	55	35	5	1.27	<1	15	102	70	2.76	<10	0.39	1561	5	<0.01	19	160	26	<5	<20	27	<0.01	<10	2	<10	5	36
40	16390	<5	<0.2	2.59	<5	80	10	1.90	<1	9	91	16	1.97	20	0.55	528	<1	0.18	8	240	20	5	<20	39	0.13	<10	22	<10	31	75
41	16391	<5	<0.2	1.93	<5	165	10	0.35	<1	15	70	48	3.70	20	0.88	540	<1	0.03	18	440	14	5	<20	9	0.16	<10	24	<10	23	117
42	16392	<5	<0.2	2.12	<5	120	20	0.84	1	19	69	46	4.10	10	1.26	751	<1	0.06	21	550	144	<5	<20	22	0.16	<10	37	<10	24	185
43	16393	<5	<0.2	1.86	<5	125	10	0.39	<1	17	105	45	3.73	20	1.06	576	<1	0.04	18	520	72	<5	<20	10	0.17	<10	31	<10	30	122
44	16394	5	<0.2	0.38	<5	35	<5	0.48	<1	6	61	13	1.10	20	0.15	266	<1	<0.01	8	150	4	<5	<20	10	0.02	<10	3	<10	10	13
45	16395	5	<0.2	0.40	<5	30	<5	0.73	<1	4	103	4	0.93	10	0.14	339	<1	0.01	5	110	6	<5	<20	8	0.05	<10	4	<10	16	21
46	16396	5	<0.2	2.18	5	85	15	0.85	<1	11	77	8	2.66	<10	0.54	466	<1	0.17	11	490	16	<5	<20	28	0.14	<10	22	<10	22	60
47	16397	<5	<0.2	1.53	<5	90	5	0.22	<1	18	78	43	3.37	20	0.58	336	<1	0.02	24	400	14	<5	<20	4	0.14	<10	18	<10	37	94
48	16398	<5	<0.2	1.50	<5	110	5	0.26	<1	16	44	35	3.02	20	0.59	294	<1	0.02	21	300	20	5	<20	5	0.14	<10	18	<10	37	72
49	16399	<5	<0.2	0.96	<5	90	<5	0.29	<1	12	64	19	2.50	20	0.43	402	<1	0.01	16	450	10	<5	<20	8	0.09	<10	11	<10	14	59
50	16400	<5	1.0	0.62	<5	75	35	0.98	<1	24	75	298	4.07	<10	0.49	842	3	0.01	28	210	60	<5	<20	39	0.05	<10	7	<10	4	94
51	16401	<5	<0.2	0.35	<5	60	<5	0.33	<1	8	93	10	2.08	20	0.37	410	4	0.01	13	210	6	<5	<20	12	0.01	<10	4	<10	7	36
52	16402	<5	<0.2	0.40	<5	75	<5	0.46	<1	14	25	35	3.11	10	0.64	454	3	<0.01	21	390	6	5	<20	15	<0.01	<10	3	<10	2	35
53	16403	<5	<0.2	0.30	<5	65	<5	0.25	<1	8	73	13	2.32	20	0.33	619	3	0.01	16	220	4	<5	<20	4	<0.01	<10	3	<10	2	21
54	16404	10	<0.2	1.37	<5	115	10	0.26	<1	17	41	31	3.40	<10	0.63	458	<1	0.01	21	310	10	<5	<20	7	0.14	<10	17	<10	10	93
55	16405	10	<0.2	1.07	<5	105	5	0.27	<1	13	81	17	2.67	10	0.47	423	<1	0.01	20	260	8	<5	<20	9	0.13	<10	14	<10	14	84

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	16406	10	<0.2	1.30	<5	120	10	0.20	<1	15	39	41	2.95	30	0.58	345	<1	0.01	18	380	12	<5	<20	3	0.13	<10	15	<10	17	71
57	16407	25	0.4	0.77	<5	70	35	1.27	<1	25	76	147	3.53	20	0.39	1067	<1	0 01	25	320	38	<5	<20	21	0.08	<10	9	<10	12	453
58	16408	5	<0.2	0.85	<5	90	<5	0.25	<1	13	34	44	2.64	10	0.47	452	<1	0.01	19	210	8	5	<20	7	0.09	<10	11	<10	7	70
59	16409	5	<0.2	1.96	<5	75	20	0.51	<1	29	94	62	5.00	10	1.10	697	5	0.04	27	490	30	5	<20	10	0.18	<10	37	<10	27	143
60	16410	<5	<0.2	0.84	<5	40	<5	0.64	<1	7	48	8	1.75	20	0.32	392	<1	0.03	11	190	12	<5	<20	4	0.05	<10	10	<10	14	70
61	16411	5	<0.2	1.54	<5	85	<5	0.39	<1	18	55	49	3.41	20	0.61	376	<1	0.01	21	450	30	<5	<20	2	0.13	<10	18	<10	16	197
62	16412	<5	<0.2	1.59	20	60	10	5.67	<1	37	31	75	6 39	<10	2.69	1554	4	0.01	28	250	4	15	<20	60	0.03	<10	79	<10	<1	97
63	16413	5	<0.2	1.27	<5	60	25	1.56	<1	55	130	357	5.54	<10	0.71	581	4	0.04	16	300	12	<5	<20	13	0.13	<10	80	<10	16	74
64	16414	<5	<0.2	0.76	5	75	<5	2.47	1	34	39	344	5.69	<10	1.21	1128	4	0.03	12	370	8	<5	<20	34	0.05	<10	50	<10	9	34
65	16415	<5	<0.2	2.76	<5	165	15	4.51	<1	32	89	45	5.81	<10	1.92	1094	<1	0.02	19	300	16	10	<20	30	0.18	<10	137	<10	19	78
66	16416	5	<0.2	0.93	5	60	5	0.79	<1	9	44	5	2.10	20	0.57	444	<1	0.02	14	220	10	<5	<20	9	0.07	<10	17	<10	15	32
67	16417	30	<0.2	0.67	1710	40	<5	0.60	3	18	101	14	1.54	10	0.26	529	3	0.02	14	210	8	5	<20	8	0.05	<10	14	<10	13	20
68	16418	5	<0.2	2.01	10	85	5	0.56	<1	13	57	35	2.92	<10	0.53	321	<1	0.10	15	280	14	<5	<20	19	0.13	<10	19	<10	34	55
69	16419	<5	<0.2	3.84	15	330	15	1.50	<1	33	231	65	5 82	30	2.78	763	<1	0.03	61	4130	18	10	<20	64	0.16	<10	109	<10	29	135
70	16420	<5	<0.2	1.77	<5	105	10	0.25	<1	17	43	26	3.33	20	0.64	456	<1	0.03	20	330	16	<5	<20	4	0.16	<10	25	<10	44	103
71	16421	<5	<0.2	1.72	<5	85	5	0.26	<1	19	74	40	3.61	30	0.64	415	<1	0.01	23	330	14	<5	<20	6	0.13	<10	20	<10	25	112
72	16422	5	<0.2	1.04	15	55	<5	0.47	<1	22	34	37	3.45	30	0.57	554	2	0.01	20	330	10	<5	<20	7	0.04	<10	11	<10	14	129
73	16423	<5	<0.2	1.14	<5	45	<5	0.41	<1	9	76	7	2.10	30	0.38	376	<1	0.03	13	280	10	<5	<20	6	0.07	<10	12	<10	16	87
74	16424	<5	<0.2	0.79	10	40	<5	0.59	<1	12	46	26	3.02	30	0.49	1013	2	0 01	16	310	120	<5	<20	8	0.03	<10	8	<10	13	125
75	16425	<5	<0.2	1.41	<5	95	10	0.31	<1	15	75	36	3.04	20	0.53	505	<1	0.03	16	490	12	<5	<20	3	0.14	<10	23	<10	38	109
76	16426	5	<0.2	0.48	<5	60	<5	0.50	<1	21	48	84	2.83	20	0.30	499	2	0.01	34	230	8	<5	<20	9	0.01	<10	5	<10	16	64
77	16427	<5	<0.2	0.78	5	60	<5	0.70	<1	12	82	34	2.74	20	0.60	545	6	0.01	18	380	24	<5	<20	12	0.02	<10	10	<10	17	81
78	16428	<5	<0.2	1.49	<5	80	<5	0.56	<1	14	58	41	3.38	20	1.03	513	5	0.03	19	480	34	<5	<20	11	0.09	<10	24	<10	21	112
79	16429	<5	<0.2	1.67	<5	95	5	0.30	<1	16	86	39	3.27	10	1.14	517	1	0.03	21	440	30	10	<20	5	0.14	<10	28	<10	23	113
80	16430	<5	<0.2	1.95	<5	95	15	0.46	<1	19	70	48	3.73	10	1.37	604	<1	0.07	23	500	72	10	<20	7	0.17	<10	51	<10	27	118
81	16431	<5	<0.2	1.66	<5	90	10	0.28	<1	16	89	40	3.44	10	1.27	498	<1	0.03	22	490	158	10	<20	5	0.15	<10	34	<10	23	134
82	16432	<5	<0.2	1.73	<5	105	5	0.59	<1	15	66	40	3.40	20	1.37	640	<1	0.04	20	480	60	5	<20	14	0.14	<10	44	<10	26	134
83	16433	<5	<0.2	1.40	<5	80	10	0.22	<1	16	61	39	3.39	10	1.00	441	1	0.02	20	460	22	5	<20	1	0.12	<10	21	<10	21	154
84	16434	<5	<0.2	1.25	<5	85	10	0.30	<1	18	45	72	3.05	10	0.68	409	<1	0.02	21	430	10	<5	<20	3	0.11	<10	14	<10	20	109
85	16435	5	<0.2	1.14	<5	65	<5	0.23	<1	35	85	301	4.12	<10	0.61	369	4	0.02	46	370	8	<5	<20	<1	0.11	<10	13	<10	17	99
86	16436	<5	<0.2	1.18	<5	95	<5	0.28	<1	17	60	108	2.89	<10	0.64	424	<1	0.03	19	340	12	<5	<20	3	0.13	<10	19	<10	21	139
87	16437	<5	<0.2	1.20	<5	125	5	0.22	<1	12	101	42	2.56	10	0.64	425	1	0.03	16	320	16	5	<20	1	0.14	<10	24	<10	23	103
88	16438	<5	<0.2	1.20	<5	90	<5	0.29	<1	17	50	108	2.84	10	0.58	394	<1	0.02	18	390	10	<5	<20	2	0.12	<10	16	<10	24	125
89	16439	<5	<0 2	0.75	<5	105	<5	0.53	<1	16	93	77	3.06	10	0.61	606	8	0.02	19	380	6	<5	<20	10	0.07	<10	11	<10	8	58
90	16440	<5	<0.2	1.32	<5	180	10	0.39	<1	15	69	70	2.61	<10	0.68	430	<1	0.04	17	430	16	<5	<20	6	0.16	<10	25	<10	24	92

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
91	16441	<5	<0.2	1.39	<5	170	10	0.34	<1	16	75	70	2.81	10	0.74	454	<1	0.02	16	350	16	10	<20	5	0.16	<10	19	<10	22	123
92	16442	<5	<0.2	1.23	<5	115	<5	0.37	<1	23	64	274	2.79	10	0.66	458	<1	0.03	18	200	16	<5	<20	3	0.13	<10	21	<10	22	100
93	16443	<5	<0.2	1.11	<5	125	<5	0.26	<1	16	108	59	2.17	10	0.58	358	<1	0.04	17	210	12	<5	<20	2	0.14	<10	19	<10	25	72
94	16444	5	<0.2	1.68	<5	60	<5	0.38	<1	81	61	1450	6.77	<10	0.90	549	<1	0.04	58	220	26	<5	<20	6	0.17	<10	31	<10	14	124
95	16445	<5	<0.2	2.90	<5	60	<5	1.37	<1	90	153	1014	4.34	<10	1.00	245	<1	0.21	243	100	14	<5	<20	36	0.09	<10	47	<10	<1	55
96	16446	<5	<0.2	1.16	5	60	<5	0.59	<1	61	100	314	2.49	<10	0.48	128	<1	0.08	167	100	8	<5	<20	13	0.06	<10	24	<10	<1	22
97	16447	<5	<0.2	1.26	<5	55	<5	0.71	<1	21	186	116	1.39	<10	0.43	128	2	0.10	53	80	10	5	<20	18	0.06	<10	27	<10	6	16
98	16448	<5	<0.2	1.46	<5	65	<5	0.95	<1	9	98	15	1.23	<10	0.57	163	<1	0.09	11	90	12	10	<20	19	0.05	<10	26	<10	3	17
99	16449	5	<0.2	3.08	10	230	15	1.23	<1	22	181	17	2.97	<10	1.37	310	<1	0.15	31	200	18	10	<20	28	0.15	<10	63	<10	7	42
100	16450	<5	<0.2	6.11	<5	590	40	1.79	<1	51	271	20	8.05	<10	4.09	895	<1	0.10	67	260	34	10	<20	18	0.32	<10	177	<10	3	115
101	16451	<5	<0.2	2.57	<5	50	5	2.73	<1	19	156	24	3.03	<10	1.56	527	2	0.11	23	360	12	20	<20	21	0.07	<10	73	<10	1	47
102	16452	<5	<0.2	4.06	<5	235	15	2.87	<1	35	147	64	4.78	<10	2.44	616	<1	0.16	48	270	18	15	<20	29	0.15	<10	114	<10	3	69
103	16453	<5	<0.2	5.11	15	270	20	2.59	<1	32	206	6	4.07	<10	2.12	483	<1	0.27	38	320	26	20	<20	56	0.14	<10	98	<10	7	58
104	16454	5	<0.2	5.76	<5	415	30	1.86	<1	36	315	7	5.55	<10	2.87	575	<1	0.18	50	310	24	20	<20	43	0.19	<10	111	<10	5	85
105	16455	5	<0.2	6.91	10	625	40	1.50	<1	58	540	3	9.33	<10	5.12	930	<1	0.05	83	270	32	<5	<20	19	0.28	<10	208	<10	2	133
106	16456	<5	<0.2	3.03	5	265	5	0.60	<1	22	75	50	4.00	<10	1.71	452	<1	0.11	23	460	6	15	<20	8	0.19	<10	80	<10	3	53
107	16457	<5	<0.2	1.71	5	245	<5	0.22	<1	15	71	47	3.53	<10	1.16	387	<1	0.03	18	450	<2	<5	<20	<1	0.17	<10	34	<10	9	50
108	16458	<5	<0.2	1.97	5	115	<5	0.33	<1	16	50	38	3.48	<10	1.39	537	<1	0.06	15	500	16	10	<20	<1	0.19	<10	52	<10	10	143
109	16459	30	<0.2	1.83	<5	110	<5	0.80	<1	14	84	41	3.28	<10	1.01	523	<1	0.05	17	480	6	<5	<20	<1	0.17	<10	37	<10	7	52
110	16460	<5	<0.2	1.67	10	60	<5	0.23	<1	16	50	56	3.29	<10	0.95	453	<1	0.04	21	540	6	<5	<20	<1	0.17	<10	34	<10	10	67
111	16461	<5	<0.2	1.67	5	70	<5	0.20	<1	13	100	29	3.00	<10	1.01	472	<1	0.04	16	500	16	<5	<20	<1	0.20	<10	43	<10	8	58
112	16462	10	<0.2	1.82	10	65	<5	0.27	<1	27	52	77	4.31	<10	1.13	469	<1	0.04	23	600	12	<5	<20	<1	0.16	<10	33	<10	8	165
113	16463	5	<0.2	1.67	10	65	<5	0.25	<1	13	94	23	3.05	<10	0.99	451	<1	0.04	17	510	10	<5	<20	<1	0.18	<10	39	<10	9	48
114	16464	<5	<0.2	1.81	<5	95	<5	0.23	<1	17	45	39	3.57	<10	1.03	462	<1	0.04	16	500	8	<5	<20	<1	0.19	<10	37	<10	8	39
115	16465	<5	<0.2	1.83	5	85	<5	0.34	<1	15	73	30	3.25	<10	0.95	454	<1	0.04	18	540	8	<5	<20	<1	0.20	<10	40	<10	10	36
116	16466	5	<0.2	2.20	5	130	5	0.24	<1	14	51	23	3.53	<10	1.35	545	<1	0.04	16	520	12	10	<20	<1	0.21	<10	47	<10	7	78
117	16467	<5	<0.2	1.89	<5	95	20	0.35	4	14	119	17	3.20	<10	1.05	627	<1	0.04	20	450	18	<5	<20	<1	0.21	<10	46	<10	8	728
118	16468	<5	<0.2	2.15	15	75	<5	0.24	<1	12	61	8	3.11	<10	1.39	605	<1	0.04	14	490	30	5	<20	<1	0.21	<10	48	<10	9	132
119	16469	<5	<0.2	1.99	<5	70	<5	0.37	<1	13	89	11	3.09	<10	1.21	774	<1	0.04	17	540	28	15	<20	<1	0.21	<10	45	<10	11	73
120	16470	<5	<0.2	1.86	10	60	<5	0.29	<1	13	71	13	2.89	<10	1.09	637	<1	0.04	18	480	54	<5	<20	<1	0.20	<10	46	<10	9	151
121	16471	<5	<0.2	1.76	<5	155	<5	0.30	<1	15	74	75	3.77	<10	0.84	553	<1	0.03	18	390	28	<5	<20	<1	0.17	<10	27	<10	8	128
122	16472	<5	<0.2	1.51	5	100	<5	0.22	<1	13	47	27	2.83	<10	0.73	392	<1	0.03	17	380	54	5	<20	<1	0.17	<10	29	<10	7	153
123	16473	<5	<0.2	0.49	10	10	<5	0.18	<1	3	71	<1	0.80	<10	0.19	155	<1	0.03	6	200	10	<5	<20	<1	0.07	<10	9	<10	11	35
124	16474	5	<0.2	0.91	<5	55	<5	0.15	<1	8	38	14	1.69	10	0.28	260	<1	0.03	11	270	20	<5	<20	<1	0.08	<10	10	<10	8	41
125	16475	<5	<0.2	1.32	<5	115	<5	0.13	<1	9	81	9	2.56	<10	0.53	312	<1	0.02	14	240	6	<5	<20	<1	0.15	<10	18	<10	13	46

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
126	16476	<5	<0.2	1.31	5	145	10	0.24	<1	11	39	19	2.80	10	0.56	359	<1	0.02	15	310	12	5	<20	3	0.13	<10	15	<10	19	41
127	16477	<5	<0.2	0.73	5	50	<5	0.31	<1	3	90	<1	1.66	20	0.25	264	<1	0.02	10	160	4	<5	<20	<1	0.06	<10	10	<10	7	25
128	16478	<5	0.2	0.35	10	25	<5	0.40	<1	4	66	1	0.84	10	0.12	307	<1	0.03	5	100	8	<5	<20	<1	0.03	<10	5	<10	6	14
129	16479	<5	<0.2	1.32	10	110	<5	0.29	<1	13	87	29	2.79	<10	0.49	409	<1	0.02	15	330	2	<5	<20	<1	0.14	<10	15	<10	5	51
130	16480	<5	<0.2	1.35	125	115	<5	0.27	<1	11	48	22	2.70	20	0.51	365	<1	0.02	19	230	4	<5	<20	<1	0.13	<10	17	<10	9	51
131	16481	<5	<0.2	1.26	5	120	<5	0.24	<1	13	56	39	2.91	<10	0.51	314	<1	0.02	16	430	4	<5	<20	<1	0.14	<10	15	<10	6	56
132	16482	<5	<0.2	0.62	<5	45	<5	0.31	<1	4	67	1	1.29	10	0.23	223	<1	0.03	7	160	8	<5	<20	<1	0.09	<10	13	<10	9	26
133	16483	<5	<0.2	0.75	5	75	<5	0.36	<1	5	121	6	1.58	<10	0.27	317	1	0.03	11	150	<2	<5	<20	<1	0.09	<10	13	<10	4	28
134	16484	5	<0.2	0.95	<5	85	<5	0.22	<1	7	38	<1	1.99	10	0.40	393	<1	0.02	13	260	<2	<5	<20	<1	0.11	<10	13	<10	<1	35
135	16485	5	<0.2	1.72	<5	125	<5	0.18	<1	21	60	71	4.03	<10	0.69	395	<1	0.02	24	330	6	<5	<20	<1	0.17	<10	22	<10	<1	53
136	16486	<5	<0.2	1.64	10	125	<5	0.20	<1	46	39	188	5.88	<10	0.62	346	<1	0.02	80	290	4	<5	<20	<1	0.17	<10	23	<10	<1	47
137	16487	<5	<0.2	1.58	15	120	<5	0.19	<1	13	86	16	3.09	<10	0.65	326	<1	0.02	18	380	4	<5	<20	<1	0.17	<10	23	<10	2	46
138	16488	<5	<0.2	1.52	5	135	<5	0.19	<1	16	42	43	3.60	<10	0.84	322	<1	0.02	19	420	10	<5	<20	<1	0.14	<10	24	<10	5	46
139	16489	<5	<0.2	1.21	10	105	5	0.51	8	16	60	61	3.10	<10	0.55	382	<1	0.02	21	300	4	<5	<20	<1	0.13	<10	16	<10	6	1111
140	16490	5	<0.2	1.28	<5	135	<5	0.16	<1	15	47	37	3.23	<10	0.59	274	<1	0.03	19	240	8	<5	<20	<1	0.14	<10	22	<10	5	59
141	16491	5	<0.2	1.29	15	105	<5	0.20	<1	21	80	63	4.00	<10	0.61	331	<1	0.02	26	240	14	<5	<20	<1	0.13	<10	21	<10	2	42
142	16492	5	<0.2	1.27	10	115	<5	0.17	<1	13	30	32	3.05	<10	0.55	247	<1	0.02	17	350	2	<5	<20	<1	0.12	<10	17	<10	5	41
143	16493	<5	<0.2	1.31	15	100	<5	0.22	<1	18	69	91	3.87	<10	0.59	320	<1	0.02	27	240	<2	<5	<20	<1	0.13	<10	18	<10	4	45
144	16494	<5	<0.2	1.68	10	120	<5	0.33	<1	11	68	20	3.30	<10	0.98	318	<1	0.03	11	400	8	<5	<20	<1	0.16	<10	29	<10	4	39
145	16495	<5	<0.2	1.36	10	90	<5	0.21	<1	12	77	20	3.03	<10	0.71	256	<1	0.02	16	470	<2	<5	<20	<1	0.14	<10	21	<10	1	34
146	16496	<5	<0.2	1.69	5	125	<5	0.13	<1	10	42	24	3.29	10	0.73	345	<1	0.02	10	360	<2	<5	<20	<1	0.17	<10	25	<10	<1	60
147	16497	<5	<0.2	1.65	<5	120	<5	0.54	<1	14	56	31	3.65	20	0.74	397	<1	0.02	17	430	<2	<5	<20	<1	0.17	<10	24	<10	8	47
148	16498	<5	<0.2	1.34	<5	100	<5	0.20	<1	14	35	38	3.30	<10	0.79	220	<1	0.02	19	430	<2	5	<20	<1	0.11	<10	16	<10	7	23
149	16499	<5	<0.2	1.74	10	115	<5	0.37	<1	16	93	38	3.32	<10	0.98	296	<1	0.08	17	480	4	5	<20	<1	0.17	<10	37	<10	9	27
150	16500	<5	<0.2	1.63	<5	170	<5	0.25	<1	18	52	52	3.82	<10	0.89	333	<1	0.05	21	520	4	<5	<20	<1	0.19	<10	36	<10	9	28
151	16501	<5	<0.2	1.17	5	100	<5	0.15	<1	11	96	29	2.81	<10	0.69	336	<1	0.04	13	290	8	<5	<20	<1	0.14	<10	21	<10	13	41
152	16502	<5	<0.2	1.31	<5	110	<5	0.18	<1	14	42	30	3.24	<10	0.80	279	5	0.03	20	480	4	<5	<20	<1	0.13	<10	19	<10	9	35
153	16503	<5	<0.2	1.77	<5	65	5	0.21	<1	16	58	36	4.13	<10	1.23	370	<1	0.04	16	590	44	<5	<20	<1	0.17	<10	47	<10	13	92
154	16504	<5	<0.2	1.87	5	70	10	0.19	<1	16	81	46	4.34	<10	1.31	380	<1	0.03	15	620	34	10	<20	<1	0.16	<10	44	<10	12	119
155	16505	<5	<0.2	1.43	<5	70	<5	0.21	<1	12	80	24	3.10	<10	0.97	304	<1	0.04	15	540	18	<5	<20	<1	0.15	<10	25	<10	14	51
156	16506	<5	<0.2	1.37	<5	80	<5	0.24	<1	11	50	62	3.02	<10	0.89	286	<1	0.04	13	580	16	<5	<20	<1	0.15	<10	29	<10	10	55
157	16507	5	<0.2	1.36	10	90	<5	0.25	<1	13	72	26	3.07	<10	0.88	298	<1	0.03	16	470	32	<5	<20	<1	0.15	<10	25	<10	8	102
158	16508	5	<0.2	1.71	<5	110	<5	0.19	<1	11	43	18	3.42	<10	0.89	355	<1	0.02	7	290	4	<5	<20	<1	0.14	<10	25	<10	7	44
159	16509	<5	<0.2	6.53	15	455	5	2.44	<1	32	210	44	6.65	<10	3.35	895	<1	0.19	40	330	12	15	<20	99	0.23	<10	190	<10	<1	72

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1	16351	15	<0.2	1.50	15	160	10	0.32	<1	18	106	47	3.44	20	0.63	525	1	<0.01	28	360	12	<5	<20	15	0.09	<10	14	<10	15	85
36	16386	5	<0.2	2.35	<5	195	20	0.94	<1	16	102	22	3.94	20	1.46	669	<1	0.03	20	510	120	15	<20	11	0.18	<10	36	<10	29	204
71	16421	<5	<0.2	1.74	<5	85	10	0.26	<1	21	85	39	3.68	30	0.64	415	<1	0.01	26	360	18	5	<20	1	0.13	<10	21	<10	28	114
106	16456	<5	<0.2	3.23	<5	270	<5	0.62	<1	23	77	48	4.21	<10	1.81	468	<1	0.11	24	460	8	10	<20	11	0.21	<10	87	<10	<1	59
141	16491	<5	<0.2	1.36	10	110	<5	0.19	<1	21	96	54	4.01	<10	0.63	329	<1	0.03	26	260	10	<5	<20	<1	0.13	<10	21	<10	4	40
Repeat:																														
1	16351	20	<0.2	1.36	10	135	5	0.31	<1	17	67	42	3.28	20	0.63	498	<1	<0.01	24	350	10	<5	<20	12	0.09	<10	12	<10	14	82
10	16360	5	<0.2	1.37	<5	100	<5	0.28	<1	21	91	105	3.67	20	0.54	339	<1	0.02	25	330	56	<5	<20	10	0.12	<10	17	<10	50	72
19	16369	5	<0.2	1.53	<5	120	10	0.36	<1	16	78	34	3.31	30	0.66	340	<1	0.01	23	950	22	<5	<20	7	0.14	<10	17	<10	45	89
36	16386	5	<0.2	2.30	<5	190	15	0.87	<1	17	99	22	3.90	20	1.42	654	<1	0.03	20	540	122	10	<20	11	0.18	<10	35	<10	25	208
45	16395	5	<0.2	0.40	<5	30	<5	0.73	<1	4	105	4	0.93	10	0.14	345	<1	0.01	6	110	6	<5	<20	8	0.05	<10	4	<10	16	21
54	16404	5	<0.2	1.37	<5	120	10	0.27	<1	17	41	31	3.40	<10	0.63	460	<1	0.01	21	290	10	<5	<20	9	0.14	<10	18	<10	11	104
71	16421	<5	<0.2	1.71	<5	85	10	0.25	<1	20	76	38	3.62	30	0.63	415	<1	0.01	24	330	18	<5	<20	2	0.13	<10	20	<10	26	114
80	16430	<5	<0.2	1.96	<5	90	15	0.47	<1	19	71	49	3.71	20	1.38	599	<1	0.07	24	520	68	10	<20	5	0.18	<10	52	<10	31	118
89	16439	<5	<0.2	0.74	<5	100	<5	0.52	<1	16	93	75	3.00	10	0.59	595	7	0.02	20	360	8	<5	<20	9	0.07	<10	11	<10	8	58
106	16456	<5	<0.2	3.02	10	265	<5	0.60	<1	22	73	49	3.96	<10	1.69	443	<1	0.11	23	450	8	<5	<20	7	0.20	<10	79	<10	<1	53
115	16465	<5	<0.2	1.75	<5	80	<5	0.33	<1	15	72	29	3.16	<10	0.91	444	<1	0.04	17	530	10	<5	<20	<1	0.19	<10	39	<10	9	36
124	16474	5	0.2	0.89	5	50	<5	0.15	<1	8	39	13	1.69	10	0.28	261	<1	0.02	9	260	20	<5	<20	<1	0.08	<10	10	<10	8	41
141	16491	5	<0.2	1.36	10	110	<5	0.19	<1	22	83	66	4.16	<10	0.65	338	<1	0.02	27	280	16	<5	<20	<1	0.14	<10	21	<10	6	43
150	16500	<5	<0.2	1.63	<5	165	<5	0.25	<1	18	51	51	3.79	<10	0.87	335	<1	0.05	21	520	4	<5	<20	<1	0.19	<10	36	<10	4	29
Standard:																														
GEO'00		125	1.2	1.71	55	155	<5	1.61	<1	20	61	87	3.71	<10	0.94	684	<1	0.02	26	710	18	<5	<20	54	0.11	<10	77	<10	6	75
GEO'00		120	1.0	1.73	50	155	<5	1.63	<1	20	61	89	3.71	<10	0.96	681	<1	0.02	26	690	20	<5	<20	58	0.12	<10	78	<10	7	75
GEO'00		125	1.0	1.75	55	155	<5	1.63	<1	20	61	89	3.71	<10	0.96	681	<1	0.02	26	690	18	<5	<20	56	0.12	<10	78	<10	7	75
GEO'00		115	1.0	1.72	60	135	<5	1.58	<1	18	61	86	3.62	<10	0.92	668	<1	0.02	25	700	18	<5	<20	57	0.11	<10	77	<10	6	69
GEO'00		115	1.0	1.79	60	135	<5	1.57	<1	18	60	85	3.64	<10	0.92	675	<1	0.02	26	710	16	<5	<20	54	0.11	<10	77	<10	6	73

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

df/168,168a,168f
XLS/00
Fax: 604-669-0447

3-Aug-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 2000-183

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

ATTENTION: SIG WEIDNER

No. of samples received: 108
Sample type: Core
Project #: 9902
Shipment #: None Given
Samples submitted by: P. Donnelly

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	16551	5	<0.1	1.68	<5	80	15	0.51	1	18	39	35	4.06	20	0.74	676	<1	0.01	26	360	12	20	<20	15	0.10	<10	20	<10	20	101
2	16552	5	<0.1	1.47	<5	85	<5	0.37	<1	16	27	37	3.13	30	0.56	430	<1	<0.01	21	360	10	<5	<20	4	0.12	<10	16	<10	36	100
3	16553	5	<0.1	1.67	<5	100	10	0.28	<1	17	29	35	3.64	30	0.69	446	<1	<0.01	21	350	14	10	<20	5	0.14	<10	18	<10	19	120
4	16554	5	<0.1	1.53	<5	100	15	0.29	<1	15	38	30	3.31	20	0.64	438	<1	0.01	18	490	14	5	<20	7	0.14	<10	17	<10	14	98
5	16555	<5	<0.1	0.96	<5	65	5	0.30	<1	11	46	19	2.16	10	0.41	400	<1	0.01	11	180	20	<5	<20	18	0.08	<10	12	<10	10	72
6	16556	5	<0.1	1.33	<5	95	15	0.28	<1	15	44	33	2.99	20	0.56	435	<1	0.01	18	310	38	<5	<20	15	0.12	<10	14	<10	12	100
7	16557	15	0.2	0.54	5	35	<5	0.68	<1	5	68	24	1.61	20	0.36	500	2	0.01	6	300	144	<5	<20	71	<0.01	<10	2	<10	7	87
8	16558	<5	<0.1	2.80	2250	60	80	0.65	8	45	47	47	8.20	<10	0.74	896	<1	0.03	<1	2270	16	<5	<20	9	0.31	<10	24	<10	22	119
9	16559	<5	<0.1	2.59	1660	95	85	0.53	6	28	40	19	6.40	<10	0.74	882	<1	0.03	4	1640	16	<5	<20	10	0.30	<10	31	<10	31	101
10	16560	10	<0.1	3.01	380	60	65	1.23	2	27	20	43	8.16	<10	0.85	880	<1	0.03	<1	2300	16	<5	<20	21	0.32	<10	27	<10	25	113
11	16561	<5	<0.1	1.69	305	220	35	0.48	1	12	57	3	3.30	20	0.56	561	<1	0.03	13	380	12	<5	<20	11	0.20	<10	33	<10	30	56
12	16562	<5	<0.1	2.11	175	65	45	1.18	1	19	23	33	5.98	<10	0.57	675	<1	0.03	<1	2060	18	<5	<20	9	0.24	<10	16	<10	24	104
13	16563	<5	<0.1	0.83	<5	60	5	1.41	<1	7	70	2	1.55	<10	0.28	626	<1	0.03	6	130	6	<5	<20	10	0.11	<10	13	<10	20	22
14	16564	<5	<0.1	1.49	10	115	10	0.33	<1	18	48	9	3.03	30	0.51	398	<1	0.01	19	370	10	<5	<20	6	0.15	<10	16	<10	31	40
15	16565	5	<0.1	1.15	15	120	10	0.39	<1	8	60	3	2.19	<10	0.38	434	<1	0.03	10	210	8	<5	<20	11	0.13	<10	17	<10	21	35
16	16566	5	<0.1	2.51	<5	60	30	1.03	<1	35	38	91	6.46	<10	0.80	995	<1	0.04	4	1750	14	<5	<20	17	0.29	<10	29	<10	32	44
17	16567	<5	<0.1	1.26	<5	110	15	0.35	<1	11	61	40	2.46	20	0.44	401	<1	0.02	12	570	10	<5	<20	9	0.13	<10	18	<10	28	28
18	16568	<5	<0.1	0.88	<5	90	10	0.30	<1	7	58	6	1.70	10	0.29	346	<1	0.03	8	200	8	<5	<20	7	0.12	<10	16	<10	22	16
19	16569	<5	<0.1	1.00	10	120	5	0.45	<1	13	20	1	1.50	30	0.27	264	<1	<0.01	13	340	6	<5	<20	6	0.09	<10	10	<10	24	12
20	16570	<5	<0.1	1.34	<5	135	15	0.24	<1	10	42	13	2.58	20	0.49	433	<1	0.02	10	340	10	<5	<20	8	0.14	<10	17	<10	31	31
21	16571	<5	<0.1	1.37	<5	130	15	0.18	2	12	37	15	2.67	20	0.47	384	3	0.01	18	320	8	45	<20	7	0.09	<10	15	<10	35	31
22	16572	<5	<0.1	1.58	25	130	15	0.23	<1	22	54	80	3.41	20	0.55	482	<1	0.01	19	360	10	<5	<20	10	0.15	<10	18	<10	42	50
23	16573	<5	<0.1	1.18	<5	120	10	0.60	<1	9	53	19	2.37	20	0.37	451	<1	0.03	10	390	10	<5	<20	16	0.09	<10	13	<10	34	38
24	16574	<5	<0.1	1.93	<5	125	15	0.29	<1	15	52	16	3.35	10	1.14	709	<1	0.03	16	510	18	10	<20	4	0.19	<10	37	<10	25	101
25	16575	<5	<0.1	2.13	<5	195	20	0.32	<1	14	62	8	3.41	10	1.27	781	<1	0.03	18	530	18	10	<20	9	0.21	<10	51	<10	27	100

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	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	16576	<5	<0.1	2.14	20	205	20	0.34	<1	17	55	7	3.54	<10	1.27	721	<1	0.03	19	520	20	10	<20	8	0.21	<10	46	<10	22	87
27	16577	<5	<0.1	2.05	20	210	25	0.32	<1	16	58	5	3.43	<10	1.22	700	<1	0.03	19	520	16	10	<20	7	0.20	<10	41	<10	22	97
28	16578	<5	<0.1	1.37	<5	110	10	0.28	<1	14	34	30	3.05	10	0.89	392	<1	0.02	18	500	18	<5	<20	8	0.12	<10	19	<10	17	117
29	16579	<5	<0.1	1.67	<5	95	15	0.20	<1	13	61	23	2.89	10	1.03	461	<1	0.04	13	490	22	10	<20	8	0.19	<10	42	<10	22	57
30	16580	<5	<0.1	2.87	<5	80	10	0.27	41	78	70	337	9.93	<10	1.97	712	<1	0.04	42	780	20	<5	<20	7	0.18	<10	44	<10	11	4419
31	16581	<5	<0.1	1.25	<5	65	15	0.23	<1	10	54	15	2.18	10	0.74	342	<1	0.03	9	510	18	10	<20	6	0.14	<10	28	<10	23	48
32	16582	5	<0.1	1.55	<5	125	15	0.25	<1	13	36	28	3.19	10	1.00	456	<1	0.02	13	430	16	10	<20	6	0.14	<10	19	<10	17	122
33	16583	10	<0.1	1.23	<5	105	10	0.23	<1	12	39	34	2.77	20	0.68	335	<1	0.01	18	430	14	<5	<20	7	0.10	<10	14	<10	21	147
34	16584	<5	<0.1	1.27	<5	115	15	0.22	<1	13	34	31	3.02	20	0.68	379	<1	0.02	17	440	10	<5	<20	5	0.13	<10	15	<10	20	86
35	16585	<5	<0.1	1.40	<5	70	15	0.20	<1	19	43	45	3.95	10	0.76	406	<1	0.02	18	440	20	<5	<20	4	0.14	<10	19	<10	17	88
36	16586	<5	<0.1	1.26	<5	115	15	0.20	<1	12	59	23	2.70	30	0.48	330	<1	0.01	16	270	8	<5	<20	7	0.12	<10	15	<10	24	65
37	16587	<5	<0.1	1.32	<5	120	15	0.12	<1	13	62	19	2.74	20	0.53	334	<1	0.02	15	280	10	<5	<20	2	0.13	<10	19	<10	32	62
38	16588	<5	<0.1	1.73	5	160	15	0.39	<1	12	41	12	3.08	20	0.80	439	<1	0.02	11	520	18	<5	<20	7	0.16	<10	18	<10	24	94
39	16589	<5	<0.1	1.71	<5	160	20	0.37	<1	15	72	38	3.50	20	0.89	486	<1	0.02	18	450	16	5	<20	10	0.16	<10	24	<10	25	89
40	16590	<5	<0.1	1.33	<5	115	15	0.26	<1	15	38	17	2.73	20	0.53	272	<1	0.01	16	260	10	<5	<20	6	0.12	<10	16	<10	14	61
41	16591	<5	<0.1	1.34	<5	120	15	0.25	<1	13	41	29	2.69	20	0.51	294	<1	0.02	14	350	16	<5	<20	8	0.13	<10	18	<10	24	66
42	16592	<5	<0.1	1.36	<5	125	10	0.40	<1	8	66	8	2.15	10	0.49	375	<1	0.07	10	220	22	<5	<20	20	0.15	<10	35	<10	30	59
43	16593	50	<0.1	1.45	<5	125	10	0.31	<1	15	36	36	3.13	30	0.61	346	<1	0.01	17	410	22	<5	<20	5	0.14	<10	16	<10	26	87
44	16594	<5	<0.1	1.11	30	105	15	0.36	<1	8	64	14	1.92	<10	0.40	346	<1	0.05	5	200	22	<5	<20	17	0.12	<10	22	<10	19	58
45	16595	15	<0.1	1.06	15	150	10	0.41	<1	10	54	21	2.15	20	0.37	395	<1	0.02	10	190	30	<5	<20	9	0.12	<10	17	<10	23	66
46	16596	<5	<0.1	1.44	<5	150	20	0.28	<1	15	33	30	3.15	30	0.60	373	<1	0.01	17	390	16	<5	<20	5	0.15	<10	17	<10	20	85
47	16597	<5	<0.1	1.56	<5	150	15	0.14	<1	18	31	40	3.44	30	0.57	260	<1	<0.01	22	450	10	<5	<20	6	0.16	<10	18	<10	25	84
48	16598	<5	<0.1	1.41	<5	130	10	0.23	<1	15	37	40	3.06	20	0.51	292	<1	0.01	18	360	18	<5	<20	7	0.13	<10	18	<10	23	70
49	16599	<5	<0.1	1.23	<5	120	15	0.30	<1	13	27	24	2.62	20	0.47	292	<1	0.01	14	570	24	<5	<20	6	0.13	<10	14	<10	24	73
50	16600	<5	<0.1	1.30	<5	125	15	0.13	<1	13	30	26	2.77	20	0.46	259	<1	0.01	16	270	10	<5	<20	5	0.14	<10	16	<10	19	66
51	16601	<5	<0.1	1.47	<5	135	15	0.15	<1	17	45	30	3.25	20	0.54	305	<1	<0.01	21	270	8	<5	<20	4	0.16	<10	17	<10	29	86
52	16602	<5	<0.1	1.22	<5	115	10	0.22	<1	13	33	21	2.58	20	0.47	244	<1	0.01	15	400	22	<5	<20	5	0.12	<10	16	<10	23	66
53	16603	<5	<0.1	2.27	<5	250	25	0.45	<1	17	50	21	4.22	20	1.09	580	<1	0.03	21	500	46	10	<20	12	0.20	<10	40	<10	34	116
54	16604	<5	<0.1	1.52	<5	115	10	0.23	<1	15	33	21	3.16	30	0.54	308	<1	0.01	17	360	18	<5	<20	6	0.13	<10	18	<10	21	74
55	16605	<5	<0.1	1.46	<5	145	10	0.22	<1	15	35	22	3.11	20	0.55	326	<1	0.01	20	410	12	<5	<20	6	0.15	<10	19	<10	26	78
56	16606	<5	<0.1	1.40	<5	125	15	0.22	<1	12	28	22	2.87	30	0.56	288	<1	<0.01	16	280	10	<5	<20	7	0.13	<10	16	<10	33	72
57	16607	<5	0.04	1.58	<5	135	15	0.43	<1	19	30	46	3.60	20	0.66	363	2	0.02	21	530	92	10	<20	8	0.14	<10	20	<10	25	89
58	16608	<5	<0.1	1.49	<5	130	15	0.32	<1	17	32	37	3.33	20	0.55	342	<1	0.01	20	640	14	<5	<20	5	0.15	<10	18	<10	21	86
59	16609	<5	<0.1	1.28	<5	100	15	0.37	<1	11	36	16	2.55	20	0.53	273	<1	0.01	15	300	14	<5	<20	4	0.12	<10	13	<10	24	47
60	16610	<5	0.02	0.63	<5	50	<5	1.24	<1	6	55	7	1.45	10	0.70	319	<1	0.04	4	110	14	10	<20	20	0.09	<10	20	<10	21	39

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	16611	<5	<0.1	2.36	<5	150	25	0.53	<1	17	51	29	4.50	20	1.22	538	<1	0.02	22	500	52	5	<20	11	0.12	<10	31	<10	30	100
62	16612	10	<0.1	1.50	<5	65	5	0.39	<1	15	28	40	3.27	30	0.72	338	1	<0.01	22	370	14	<5	<20	11	0.05	<10	13	<10	21	64
63	16613	<5	<0.1	1.68	<5	130	15	0.27	<1	16	36	31	3.63	20	0.74	379	<1	0.02	21	480	20	5	<20	8	0.15	<10	23	<10	25	93
64	16614	<5	<0.1	1.04	<5	110	10	0.20	<1	12	130	15	2.43	10	0.40	351	<1	0.01	15	250	8	<5	<20	7	0.12	<10	12	<10	10	57
65	16615	<5	<0.1	0.92	<5	110	10	0.23	<1	13	53	18	2.68	10	0.44	471	<1	<0.01	18	260	6	<5	<20	7	0.11	<10	11	<10	7	73
66	16616	<5	<0.1	1.21	<5	110	15	0.21	<1	13	34	27	2.74	10	0.47	362	<1	0.01	17	240	8	<5	<20	7	0.12	<10	13	<10	10	63
67	16617	<5	<0.1	1.34	<5	120	10	0.30	<1	15	39	29	3.11	10	0.55	461	<1	0.01	18	330	14	<5	<20	11	0.14	<10	17	<10	12	76
68	16618	10	<0.1	2.87	<5	65	40	1.24	<1	23	26	28	7.96	<10	0.79	853	<1	0.03	<1	2270	18	<5	<20	10	0.33	<10	24	<10	25	178
69	16619	<5	<0.1	2.73	50	370	35	0.68	<1	17	44	10	5.89	<10	0.86	748	<1	0.03	9	1530	18	<5	<20	13	0.30	<10	39	<10	35	164
70	16620	10	<0.1	2.38	<5	155	30	0.81	<1	17	42	16	5.61	<10	0.81	894	5	0.03	13	1010	18	<5	<20	15	0.26	<10	35	<10	31	151
71	16621	<5	<0.1	1.10	<5	95	10	0.20	<1	14	22	32	2.92	20	0.57	316	<1	0.01	17	430	8	<5	<20	2	0.11	<10	12	<10	20	67
72	16622	<5	<0.1	1.25	<5	105	10	0.20	<1	12	32	28	2.90	20	0.64	344	<1	0.01	15	430	8	<5	<20	<1	0.12	<10	13	<10	19	69
73	16623	<5	<0.1	1.12	<5	95	5	0.20	<1	13	36	31	2.77	10	0.57	333	<1	0.02	16	380	6	<5	<20	1	0.11	<10	14	<10	18	58
74	16624	<5	<0.1	1.20	<5	110	10	0.19	<1	12	24	33	2.67	20	0.57	371	<1	0.01	16	420	10	<5	<20	<1	0.13	<10	13	<10	21	51
75	16625	<5	<0.1	1.18	<5	110	10	0.18	<1	11	50	19	2.37	10	0.60	409	<1	0.03	7	260	8	<5	<20	5	0.13	<10	23	<10	20	51
76	16626	<5	<0.1	1.28	<5	100	10	0.23	<1	15	31	46	3.13	20	0.62	395	<1	0.01	17	410	8	<5	<20	1	0.13	<10	16	<10	21	52
77	16627	<5	<0.1	1.32	<5	105	15	0.20	<1	13	44	32	2.83	10	0.65	404	<1	0.02	14	380	10	<5	<20	<1	0.14	<10	19	<10	22	46
78	16628	<5	<0.1	1.60	<5	120	15	0.22	<1	14	93	20	2.89	10	0.79	522	<1	0.04	13	370	12	10	<20	3	0.18	<10	26	<10	25	52
79	16629	<5	<0.1	1.23	<5	110	5	0.31	<1	15	78	47	2.38	20	0.52	379	<1	0.02	19	330	10	<5	<20	<1	0.13	<10	13	<10	27	37
80	16630	<5	<0.1	2.10	<5	120	25	0.21	<1	19	87	43	3.96	10	1.13	698	<1	0.03	16	390	20	10	<20	2	0.23	<10	33	<10	27	62
81	16631	<5	<0.1	1.63	5	120	10	0.20	<1	16	74	34	2.85	<10	0.89	558	<1	0.03	15	430	12	<5	<20	1	0.19	<10	29	<10	25	45
82	16632	<5	<0.1	1.73	<5	135	15	0.25	<1	15	87	22	2.87	20	0.92	569	<1	0.03	12	420	10	15	<20	<1	0.19	<10	26	<10	29	50
83	16633	<5	<0.1	1.91	<5	145	15	0.34	<1	15	85	28	3.37	10	1.04	627	<1	0.03	16	420	10	10	<20	3	0.20	<10	32	<10	27	52
84	16634	<5	<0.1	2.01	<5	130	15	0.42	<1	13	92	4	3.48	20	1.08	651	<1	0.03	15	490	14	10	<20	11	0.18	<10	36	<10	25	41
85	16635	<5	<0.1	1.81	5	130	20	0.19	<1	13	79	4	3.17	10	0.91	580	<1	0.03	14	440	10	15	<20	<1	0.19	<10	31	<10	27	32
86	16636	<5	<0.1	1.75	<5	125	20	0.18	<1	13	92	3	3.04	20	0.84	544	<1	0.03	15	360	16	5	<20	2	0.20	<10	26	<10	28	31
87	16637	<5	<0.1	2.17	<5	170	25	0.22	<1	14	83	3	3.84	10	1.06	655	<1	0.04	17	480	14	5	<20	4	0.24	<10	48	<10	29	43
88	16638	<5	<0.1	2.12	<5	165	20	0.20	<1	14	78	3	3.78	10	1.06	607	<1	0.03	15	470	12	10	<20	2	0.24	<10	39	<10	27	42
89	16639	<5	<0.1	2.25	<5	180	20	0.20	<1	15	82	3	4.02	10	1.16	624	<1	0.03	15	470	10	10	<20	<1	0.24	<10	39	<10	26	47
90	16640	<5	<0.1	1.96	<5	165	20	0.23	<1	12	88	3	3.49	10	0.98	571	<1	0.03	13	500	12	10	<20	2	0.22	<10	36	<10	25	44
91	16641	<5	<0.1	2.19	<5	185	25	0.28	<1	13	89	3	3.96	10	1.08	620	<1	0.03	16	510	12	10	<20	2	0.24	<10	37	<10	26	59
92	16642	<5	<0.1	2.36	<5	215	25	0.27	<1	14	92	3	4.19	10	1.13	662	<1	0.04	17	520	10	15	<20	94	0.24	<10	46	<10	28	66
93	16643	<5	<0.1	2.16	<5	245	20	0.25	<1	12	83	3	3.82	10	1.00	621	<1	0.05	15	480	12	<5	<20	3	0.25	<10	52	<10	27	64
94	16644	<5	<0.1	2.12	<5	240	20	0.25	<1	12	82	3	3.74	10	0.97	609	<1	0.05	15	500	14	10	<20	3	0.24	<10	51	<10	28	63
95	16645	<5	<0.1	2.75	<5	465	25	0.23	<1	14	87	4	5.14	10	1.32	797	<1	0.04	15	560	14	10	<20	2	0.29	<10	57	<10	35	114

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	16646	<5	<0.1	2.72	<5	295	40	0.53	<1	20	67	22	5.83	<10	1.38	633	<1	0.04	9	1210	12	10	<20	8	0.26	<10	56	<10	32	89
97	16647	<5	<0.1	2.09	<5	140	10	0.23	<1	17	80	31	4.01	<10	1.41	550	<1	0.04	14	520	12	<5	<20	8	0.22	<10	43	<10	24	162
98	16648	<5	<0.1	1.67	<5	110	10	0.28	<1	15	86	29	3.26	<10	1.23	448	<1	0.05	16	520	88	5	<20	8	0.18	<10	45	<10	24	114
99	16649	<5	<0.1	1.62	<5	110	15	0.26	<1	15	85	26	3.16	<10	1.16	436	<1	0.05	17	420	26	10	<20	6	0.17	<10	40	<10	24	113
100	16650	<5	<0.1	2.24	<5	130	15	0.36	<1	15	87	25	3.50	<10	1.74	632	<1	0.06	16	540	36	15	<20	13	0.18	<10	52	<10	23	156
101	16651	<5	<0.1	1.08	<5	85	<5	0.34	<1	7	78	7	2.15	30	0.34	372	<1	0.02	7	260	8	<5	<20	6	0.09	<10	11	<10	38	17
102	16652	<5	<0.1	1.63	<5	105	15	0.35	<1	15	81	27	3.44	20	1.08	483	2	0.03	18	430	10	5	<20	11	0.11	<10	34	<10	41	51
103	16653	<5	<0.1	1.78	<5	170	15	0.37	<1	17	61	32	3.74	20	0.88	359	<1	0.02	17	430	8	<5	<20	5	0.20	<10	36	<10	29	43
104	16654	<5	<0.1	1.25	<5	90	10	0.44	<1	7	100	5	2.31	20	0.50	299	<1	0.04	10	170	6	5	<20	11	0.12	<10	29	<10	23	21
105	16655	<5	<0.1	1.10	<5	90	10	0.53	<1	13	47	24	2.91	30	0.50	276	<1	0.01	14	280	4	<5	<20	9	0.10	<10	12	<10	19	33
106	16656	<5	<0.1	1.20	<5	110	10	0.52	<1	14	42	44	3.11	30	0.55	269	1	0.01	16	400	4	<5	<20	7	0.12	<10	12	<10	23	53
107	16657	<5	<0.1	1.24	<5	95	15	0.21	<1	8	70	5	2.56	30	0.55	276	<1	0.03	10	190	6	<5	<20	3	0.18	<10	37	<10	25	36
108	16658	<5	<0.1	1.50	<5	155	15	0.23	<1	21	47	33	3.54	30	0.58	293	<1	0.01	21	320	6	<5	<20	2	0.17	<10	17	<10	20	31

QC DATA:

Resplit:

1	16551	<5	<0.1	1.68	<5	75	10	0.55	<1	18	34	35	4.02	20	0.74	689	<1	0.01	24	490	10	5	<20	13	0.11	<10	20	<10	19	92
36	16586	<5	<0.1	1.29	<5	120	15	0.21	<1	13	74	24	2.78	30	0.48	346	<1	0.01	16	300	10	<5	<20	5	0.13	<10	15	<10	25	66
71	16621	<5	<0.1	1.12	<5	95	5	0.20	<1	14	23	31	2.94	20	0.58	316	<1	0.01	18	450	10	<5	<20	<1	0.11	<10	12	<10	23	67
106	16656	<5	<0.1	1.22	<5	100	10	0.51	<1	14	42	41	3.17	30	0.56	269	1	0.01	16	430	6	5	<20	6	0.12	<10	12	<10	24	54

Repeat:

1	16551	5	<0.1	1.66	<5	75	15	0.50	<1	18	35	32	4.00	20	0.74	665	<1	0.01	23	360	10	<5	<20	11	0.11	<10	20	<10	18	96
10	16560	<5	<0.1	3.01	305	65	60	1.23	<1	26	20	42	8.13	<10	0.84	880	<1	0.02	<1	2330	14	<5	<20	22	0.32	<10	27	<10	24	113
19	16569	<5	<0.1	1.00	20	120	<5	0.44	<1	15	20	1	1.50	30	0.27	263	<1	<0.01	14	330	6	<5	<20	6	0.09	<10	10	<10	24	12
36	16586	<5	<0.1	1.27	<5	115	15	0.20	<1	13	61	23	2.75	30	0.48	336	<1	0.01	15	280	10	<5	<20	6	0.13	<10	15	<10	25	67
45	16595	<5	<0.1	1.06	15	150	10	0.42	<1	9	49	20	2.14	20	0.37	392	<1	0.02	10	190	28	<5	<20	10	0.12	<10	17	<10	22	65
54	16604	<5	<0.1	1.51	<5	115	15	0.23	<1	15	33	22	3.16	30	0.54	310	<1	0.01	18	360	20	<5	<20	7	0.13	<10	18	<10	22	74
71	16621	<5	<0.1	1.11	<5	95	10	0.19	<1	14	22	33	2.96	20	0.57	316	<1	0.01	17	460	8	<5	<20	<1	0.11	<10	12	<10	20	71
80	16630	<5	<0.1	2.11	<5	120	20	0.21	<1	19	88	43	3.99	10	1.14	707	<1	0.04	16	420	20	<5	<20	<1	0.23	<10	34	<10	28	64
89	16639	<5	<0.1	2.24	<5	185	30	0.20	<1	15	83	3	4.02	10	1.16	622	<1	0.03	16	470	12	<5	<20	2	0.24	<10	39	<10	28	48
106	16656	-	<0.1	1.24	<5	110	10	0.54	<1	15	43	46	3.20	30	0.57	277	1	0.01	16	430	4	<5	<20	10	0.12	<10	12	<10	25	53

ICP CERTIFICATE OF ANALYSIS AK 2000-183

RIO ALGOM EXPLORATION LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
GEO'00		115	1.0	1.85	55	160	10	1.62	<1	19	61	89	3.69	<10	0.96	685	<1	0.02	26	720	22	15	<20	65	0.11	<10	78	<10	12	71
GEO'00		120	1.2	2.23	75	160	15	1.99	<1	23	73	84	3.74	<10	1.17	710	<1	0.02	24	710	24	5	<20	65	0.13	<10	92	<10	14	72
GEO'00		120	1.2	1.80	55	150	10	1.58	1	19	56	82	3.61	<10	0.94	676	<1	0.02	24	700	20	15	<20	57	0.11	<10	77	<10	13	72
GEO'00		115	1.0	1.87	55	150	15	1.64	<1	20	59	84	3.71	<10	0.98	689	<1	0.02	26	750	22	10	<20	58	0.12	<10	79	<10	14	76
GEO'00		120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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