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DIAMOND DRILL REPORT

ON

ISLAND GOLD DEEP DRILLING

EXTENSION 2 ZONE

SSM2666, SSM837118,

RICHMONT MINES INC.

Finan Township
M-1583

N.T.S REFERENCE 42-C-2

2015 Assessment File Report

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1.0 Summary

Between October 25, 2014 and December 18, 2015 Richmont Mines Inc. drilled two holes GD-14-01C and GD-14-02 totaling 3021 meters on patent and lease claims SSM2666 and SSM837118. The drilling was conducted by Forthright Drilling services. The purpose of the program was to test deeper elevations of the Island Gold Mine mineralized horizon at depths between the 800 and 1200 levels in the `Extension 2' area.

The program was successful in demonstrating the continuance of gold mineralization at depth at the Island Gold Mine beneath the current resource limits. Drill hole GD-14-01C intercepted a mineralized zone between 1207.52 – 1217.48 meters which averaged 19.87 g/t over 3.93 meters (true width) at 1250 meters below surface. This zone is interpreted to be the down dip extrapolation the main `Extension 2' E1E zone currently mined above the 450 level. The zone consists primarily of quartz veining transected by a narrow but highly deformed gabbroic dyke. Additional intercepts within GD-14-01C include a zone from 1100.95-1103.4 m 59.6 g/t (16.69-cut75) over 0.95 meters and also a zone from 1172.64-1175.1 meters averaging 10.56 g/t over 0.95 meters (true width).

A weaker zone in GD-14-02 between 936.2-940 m was intersected at the 900 meter level and averaged 1.97g/t over 2.05 meters (true width) which appears to correlate with the upper E1E zone currently mined in Extension 2. Between 1093 – 1094.5 meters a deeper more northerly zone averaged 12.23 g/t.

4. Further drilling is required and recommended to test the continuity and extent of the GD-14-01C intercept between the 1000L and 1500L between 15220E from the west side of Extension 1 (15200E) to 15800E east of Extension 2. An initial widely spaced program on 100 meter centers could be accomplished from underground platforms which would require development of underground exploration cross-cuts and drifts or alternately from surface utilizing new directional drill technology to accurately reach a multiple number targets from a limited number pilot holes.

The expenditures of the drill program total $306,856.

2.0 Introduction

In October of 2014 Richmont Mines Inc. mobilized a Forthright drill rig to the south shore of Goudreau Lake to drill at depth below the Extension 2 zone (15540E) of the Island Gold Mine sequence. To the west in Extension 1 and further west in the Island zone the current resource limit had been outlined in some blocks to 1000 meters below surface. The current drill effort was to determine whether the Extension 2 area could also be extended to depth. Extension 2 has limited resource blocks outlined to a depth to 600 meters below surface. Two holes were collared and drilled including GD-14-01C (1417 m) and GD-14-02 (1185m). Three abandoned holes preceded GD-14-01C due to excessive dip and azimuth deviations.

Figure 1: Location

3.0 Property Location, Access and Description

The Island Gold project situated approximately 50 kilometers northeast of Wawa, Ontario within the Sault Ste. Marie Mining Division. The town of Dubreuilville, a forestry center, is 27 kilometers to the northeast of the mine site. Access to the area is provided by the Trans Canada Highway 17, which continues north from Wawa for 40 km then following the Highway 519 to Dubreuilville. The Goudreau Road an all-weather road extends from Dubreuilville for 17 kilometers to the mine site.

The property consists of 108 patents and leases totaling 5,383 hectares as well as 94 staked claims totaling 4,635 hectares in the Finan, Jacobson, Aguonie, Riggs and Abotossaway Townships. The claims are grouped into four groups namely; the Kremzar, Lochalsh, Goudreau and Island Gold staked claims. The Kremzar property is subject to a 4% NSR to Algoma Steel Inc. and a 4% NSR to Aur Resources, Lochalsh is subject to a 3% NSR in favour of Aur and Goudreau is subject to a 3% NSR to Aur and a 15% net profit interest (NPI) in favour of Algoma.

In October of 2007 Island Gold project went into commercial production and in December of 2008 Richmont acquired 100% of the property from Patricia Mines Inc.

4.0 Physiography

The project lies within the Precambrian shield and topography within this area is typical of the shield north of Lake Superior variable from moderately rugged hills to gentle undulating or flat sand planes to swamps. Drainage patterns in the area are predominantly northeast in character reflecting E-W like regional structural trends and drain westerly into the Magpie River then into Lake Superior. Ridges may also be oriented parallel to N-S or NNW trending faults. Vegetation is characterized by the north extent of hardwood forest and the southern limit of the boreal forest. Low ground, swamps and logged areas are commonly overgrown by tag alders and cedar.

Locally the property terrain consists of low to moderate hills and ridges of east-west orientation. Topographic relief ranges from 381m above sea level at Goudreau Creek to 488 meters above sea level near Maskinonge Lake.

Figure 2: Location Map - Island Gold

5.0 Property History

The Goudreau area has actively explored for base and precious metal for nearly 100 years since the discovery of gold within the region in 1896 at Emily Bay. The first discovery of gold in the more immediate area was by D.J. McCarthy and J.W.Webb in 1917 on what is now the Magino deposit about one kilometer west of Richmont's Island Gold Mine. James Cline discovered the Cline Lake mine in 1918 which later went on to produce 63,328 ounces of gold averaging 0.19 oz/t in the 1930's. This mine remained the largest producer in the camp until present day. In 1921 Amherst Gold Mines discovered a gold zone later to be known as the Murphy Mine west of Goudreau. In 1924 nine claims were staked by Peter Edwards in 1924. The property was optioned by Hollinger Gold Mines in 1925 or 1926. Later in1933 the Edwards shaft was sunk and between 1936 and 1937 production amounted to 485 ounces gold averaging 0.31 oz/t.

In 1914 Algoma Ore Properties who had 12 unpatented mining claims north of Goudreau Lake blasted 23 trenches and drilled nineteen drill holes on the Morrison #1 iron formation deposit and outlined 277,000 tons of pyrite averaging 35.7% sulphur. In 1925 part of the present day Richmont property was staked by Patice Kremzar as a result of auriferous gold float on the old Pic Road on SSM3909. The Kremar Gold Mines Limited property was acquired by controlling interest by Algoma Exploration and Development who carried out considerable trenching and six holes totaling 665 feet on the No.2, No.7 and No.8 zones. In 1930 an option was taken by M.J. O'Brien Limited who drilled ten holes totaling 4,843.5 feet and the No.1 and No.2 and Tent veins. In 1931 Algoma Exploration and Development was reorganized as the Algoma Exploration Company. In 1935 Cockshutt and Hopkins optioned the property and drilled 12 holes totaling 2,004 feet with only a local high grade result from the Tent vein. In 1940 O'Brien Gold Mines, the operator of the then producing Cline Mine, optioned the Kremzar property again and carried out 24 holes totaling 5,409.3 feet on the No.2, No.7 and Tent veins. They also discovered the `New Vein' which is the present day Kremzar deposit and drilled an additional 17 drill holes totaling 3,213.1 feet. This was the last major work phase done on the Kremzar group of claims until more recent exploration began in the early to mid 1970's by Amax. In 1945 Algoma Ore Properties Ltd., a subsidiary of Algoma Steel Corporation, acquired controlling interest in the Algoma Exploration Company. In 1953 and 1954 Algoma in the search for iron and sulphur and silica explored and drilled the Morrison #1 zone and the Bearpaw Lake Iron formation and in the process encountered low grade gold values over significant widths. However volumes and grades were not economic at gold price of the time. In 1960 when Algoma Ore Properties amalgamated with Algoma Steel Corporation controlling interest passed to Algoma Steel Corporation.

To start the next era in exploration, Amax carried out airborne mag and EM surveys over the Finan, Jacobson and Riggs Townships from 1974-1976 and drilled 22 follow up exploration holes. In 1978 Canamax a subsidiary of Amax took over the regional exploration effort in the belt.

Algoma Steel reevaluated the property in 1981 and in 1983 signed a 50/50 joint venture agreement with Canamax Resources Incorporated. In 1987 Canamax purchased the 50%

interest of the Kremzar Gold Mines from Algoma Steel with Algoma Steel retaining a 4% NSR in the property.

In 1983 Canamax cut a regional reference grid and ground geophysical surveys and prospecting. Various historic and newly discovered showings were drilled over the property from 1983 to 1989. These included the Breccia zone (5 dh's 1984 @ 358m), #2 Zone (7 dh's, 1983-85 @ 963m) , #8 Zone (18 dh's, 1983 @ 2340m), Tent Vein (1 dh @), Pine Zone (6 dh's 1984 @ 720m), the Morrison #1 (4 dh's 1985 @), the Portage showing (5 dh's, 1989 @), Portal Zone (4 dh's @ 1227m).

A major drill effort in 1987 was conducted on the New Vein later to be known as the Kremzar deposit completing 27 holes and totaling 14,779m which yielded a drill inferred reserve of 1.1 million tons @ .235 Au opt. Mining began in the fourth quarter of 1988 and continued until late producing 46,798 ounces of gold. In 1987 as well the Goudreau Zone was discovered and drilled with 26 drill holes totaling 8,673 meters by the end of 1988. It was not until this same year that some 4 exploration reconnaissance drill holes (791 meters) below Spring Lake revealed the existence of Goudreau Lake Deformation Zone extension to the west of the Magino mine. Sheared sericitic tuffs were encountered in two holes confirming the continuance of the GLDZ five kilometers SW of the Goudreau Zone. An additional 2 holes totaling 801 meters were drilled north east of Pine without encouragement. Following the success of the Spring recon holes the Island Zone was discovered and tested with 54 dh's (17,256m) and the Lochalsh zone discovered and tested with 33 dh's (9,218) meters. In 1989 and 1990 a 1,280 meter ramp the 125L of the Island zone was driven beneath Goudreau Lake. Development on the 125L and 140L was followed by a 4,167 bulk sample averaging 6.5 g/t. That year the Portal Zone was tested with four short holes totaling 227 meters with the western most hole intersecting a 39 meter wide shear zone consisting sheared biotized carbonated mafic volcanic with intense planar and contorted quartz-carbonate stringer, py, po and cpy containing anomalous but low gold values generally below 1 gram per ton.

Canamax held the Kremar, Lochalsh, Goudreau claim groups until Canadian Tungsten acquired them though the Canamax-Canadian Tungsten merger. The claims were acquired by Patricia Mines Inc. in 1996 who also added 9,113 hectares to the land package and drilled an additional 15,545 meters in 42 drill holes. Richmont entered into a JV agreement with Patricia Mining Corp. in 2003 and bought into a 55% interest in 2004. In 2007 the Island Gold Project went into commercial production and in 2008 Richmont acquired 100% of the property from Patricia.

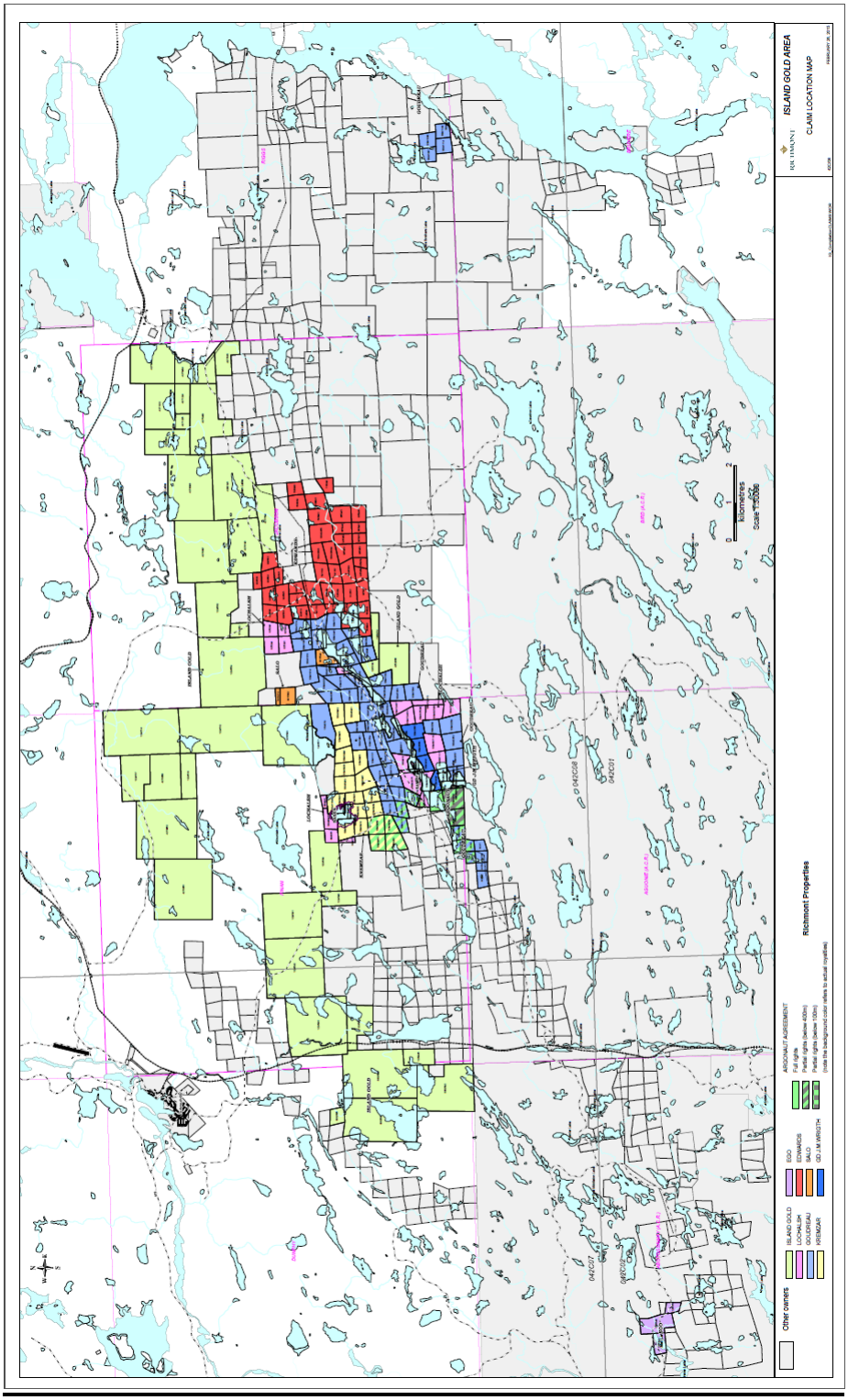

Figure 3: Richmont Mines Land Tenure

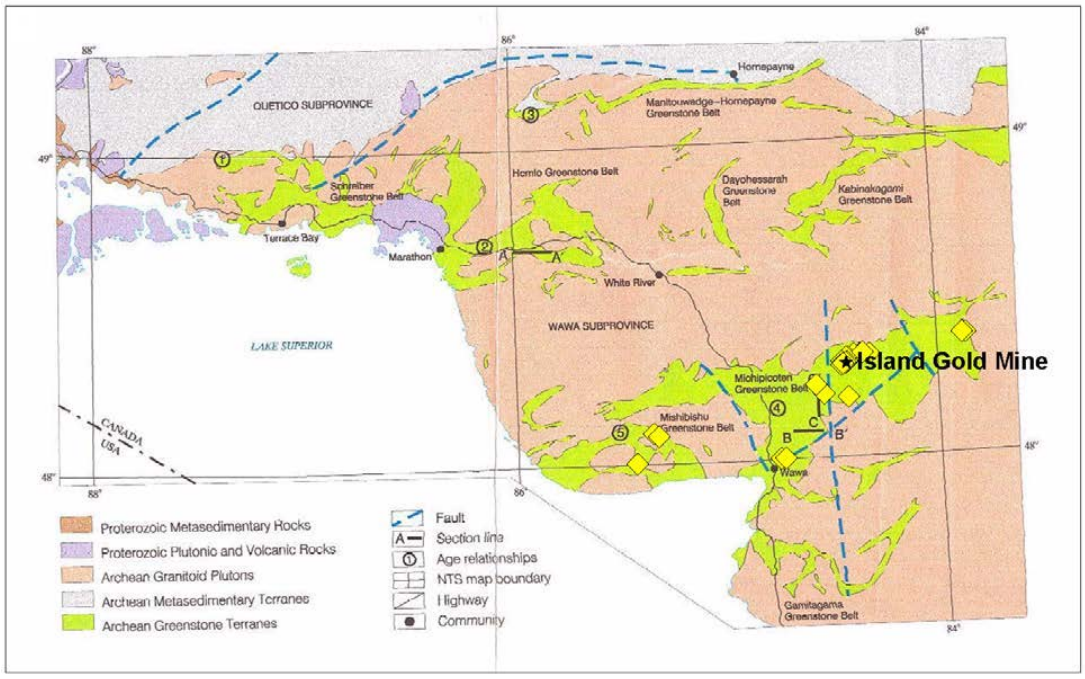

Figure 4: Provincial Greenstone Belts

6.0 Geological Setting

6.1 Regional

The Richmont property is situated in the central portion of the Michipicoten Greenstone Belt. This belt is approximately 160 kilometers long and 25 kilometers wide in an east-northeasterly direction. The belt consists of three cycles of mafic to felsic volcanism referred to as the Hawk, Wawa and Catfish assemblages (Sage et al. 1987) ranging between 2.89 Ga and 2.7 Ga (Turek et al. 1982,1984 and 1988). Each volcanic cycle concludes with a sequence of chemical sediments consisting of siderite, ankerite, pyrite or chert-magnetite formations which were the focus of historic iron exploration in the region. The Catfish assemblage is the largest volcanic assemblage in the belt consisting of massive to pillowed Mg to Fe-tholeiitic flows overlain by intermediate to felsic metavolcanics intercalated by variable metasediments inferring concurrent volcanic and sedimentation in the higher reaches of the assemblage. The contact between the Wawa and the overlying Catfish assemblage is masked by a zone of strong regional penetrative brittle to ductile style deformation referred to as the Goudreau-Lochalsh Deformation Zone (GLDZ) with which the majority of gold occurrences are associated. The zone strikes for over 30 kilometers. The GLDZ has been subdivided into north, south, east and west domains by Heather and Arias (1992) based on structure orientation. The west domain in which the Richmont property is situated is characterized by 085 to 115 degree shear zones with dextral oblique-slip movement (Heather and Arias). The southern

domain of the GLDZ hosts the Magino Mine and Richmont's Lochalsh and Island zone. This domain is also characterized by dextral oblique-slip shears except with a 70-degree trend and parallel to regional foliation. The Northern Domain hosts the Kremzar, Edwards and Cline deposits and numerous Pele Mountain deposits to the east and is mainly characterized by oblique-slip shears zones at 115 and 140 degrees, higher angles to the regional fabric. The belt is intruded by granitiod intrusions of various ages between 2.8 Ga and 2.6 Ga. (Sage and Heather, 1991).

Traditionally the Michipicoten Greenstone belt has been considered to be a monoclinal sequence of structurally deformed supracrustals. Arias and Helmstaedt (1990) have suggested the belt is an intial period of large-scale recumbent nappe folding and thrusting (F1) along lithologic boundaries which has been overturned and refolded (F2) by upright folding and high angle reverse faulting. The north portion of the belt, where the Richmont property is situated, is an inverted anticline known as the Centre Anticline (Goodwin 1962). Additional late folding occurred through granitiod emplacement.

6.2 Local Geology

The oldest rocks on the Richmont property are the Wawa assemblage Cycle 3 mafic volcanics (2700) to the north underlain by the Catfish assemblage Cycle 2 felsic volcanics to the south (2750). These two volcanic assemblages are separated by a pyritic iron formation unit (Michipicoten type – Goodwin 1962) called the Goudreau Range which has been highly folded and distended along strike. The upper Wawa sequence is overlain by the Dreany Iron range (Algoman type – Goodwin 1962), a thin oxide facies formation in turn overlain by x meters of Dore sediments. Lithologic units have a trend of approximately 70 degrees east-west and dip steeply north and face north the Finan Township. Northwest and northeast diabase dikes cut all rocks types as well as various diorites to quartz diorite sills and dikes. The metamorphic grade is largely greenschist but locally may progress to amphibolite at intrusive contact margins. To the north of the uppermost cycle 3 volcanic sequence is an extensive quartz diorite to gabbroic intrusive body which extends from the Edwards property to the Island Gold area to the west across both Jacobson and Finan Townships. The metavolcanics and intrusives are extensively dyked by various 1 to 20 meter scale felsic rocks which include aphanitic rhyolite and various quartz, quartz-feldspar and feldspar porphyries. The supracrustals rocks have been intruded by various intermediate to felsic bodies. The main intrusive rocks in the property area consist of the Maskinonge Lake Granodiorite, The Webb Lake Trondhjemite Stock and the Herman Lake Nepheline Syenite between 2.6 and 2.8 Ma.

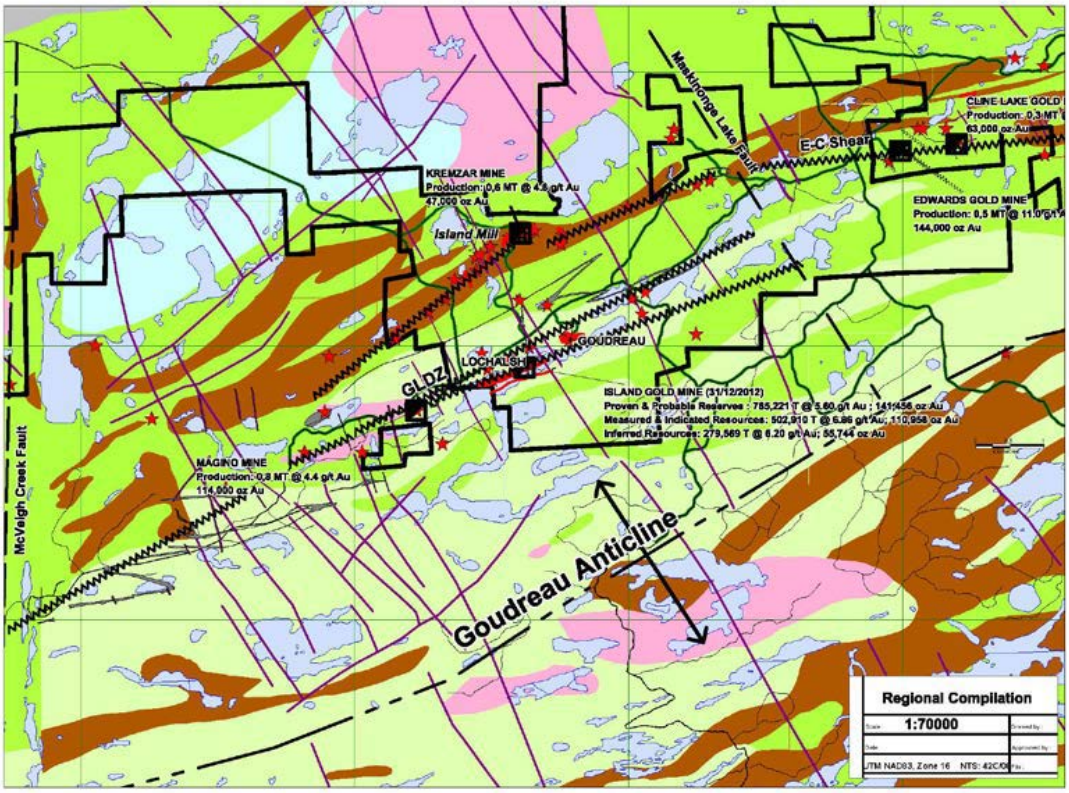

Figure 5: Regional Geology

6.3 Structure

The main structural feature in the Goudreau area as mentioned is the Goudreau Lake Deformation Zone (GLDZ), a 30 kilometer zone of high strain up to 4.5 kilometers in width striking subparallel to stratigraphy and regional fabric in a mild sigmoidal style. The shear sense in the northern GLDZ zone is interpreted to be The structure in the Goudreau area is approximately coincident with the major contact between Wawa and Catfish volcanic cycles. The property encompasses prevailing structural domains in the GLDZ as described by Heather and Arias (1991). Prevailing ore bearing structures in the northern domain are oriented at about 70 degrees with which the Island Mine is controlled. In the Kremzar Mine area the prevailing structures are oriented at 115 and 140 degrees. In the eastern domain in Jacobson Township the prevailing structures along the Edwards-Cline Shear are generally E-W hosting with splays off this main structure at about 115 degrees have control on the Edwards and Cline mines.

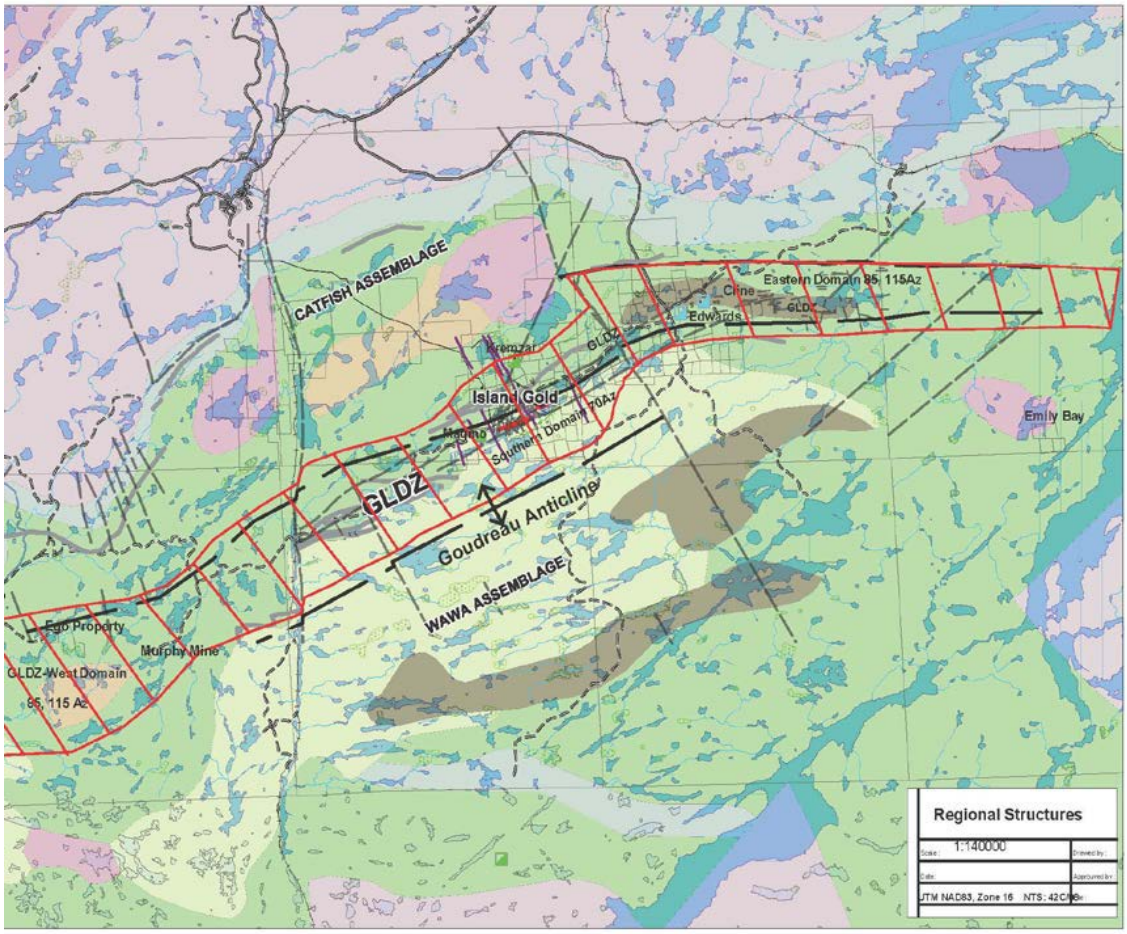

Figure 6: Regional Structures - GLDZ

Shearing and rock fabric, that is a penetrative schistocity is developed which generally strikes mine grid E-W or 70 degrees astronomic north, dips steeply south and is considered to have dextral oblique slip in movement (Heather and Arias 1992). The main auriferous veins are roughly parallel to deformation and south dipping as well. Later sets of extensional veining cross-cut at low angles shallowly south. Core angles can undulate from to sub horizontal to 70 degrees to core axis and probably reflect folding or flexing. Small scale drag folding has been observed with sub horizontal fold axis on a shallow eastern plunge. Small scale sheath folds also occur locally. Small scale faulting is common sometimes noted with left lateral movement. (Mine grid is at 22 degrees 03 minutes west of true north.)

Structure may be controlled on a more local scale by competency contrasts between more massive flows or possibly intrusive sills coeval with volcanism and less competent tuffs and fragmental rocks. Competency contrasts are seen from small to large scale across the Goudreau area. In drill core shears and alteration are often propagating along volcanic – dyke margins on a meter scale, the E1E zone in Island zone is situated along

the hangwall margins of a felsic dyke, the north shear zone forms along the footwall margin of the Webb Sill, The Cline Mine is associated with the Cline porphyry, The Murphy mine forms along an apophysis of the Guthcher Lake Stock to name a few examples of contrasting competency related to lithologic units.

6.4 Deposit Type

Gold occurrences in the Goudreau area are of the lode gold type and believed to be largely controlled by the Goudreau Lake Deformation Zone. The zones generally occur within shears and gold is hosted by quartz-carbonate fracture fill veins. Sage and Heather (1991) have compiled the prevalent shear orientations into six main directions being; azimuth 070 (Island Gold, Magino), azimuth 020-030 (historic Kremzar Trend 1920 - 1930 showings), azimuth 130-140 (Kremzar Mine), azimuth 080-090 (Edwards-Cline Shear), azimuth 110-115 (splays of E-C Shear controlling Edwards and Cline Mines) and azimuth 350-010 (21 zone?, local extensional quart-tourmaline veins + VG).

Past producing mines and historic showings and prospects have a strong spatial relationship with intermediate to felsic intrusive bodies. In the Goudreau area shear zones tend to propagate much more strongly along boundaries where competency contrasts exist. This occurs on various scales and with various rock lithologies throughout the area. In the Magino area the Webb Lake Stock and the Magino Mine, in the Island Gold Mine an intrusive felsic dyke is footwall to the E1E zone in the upper levels, to the north the Northern Shear zone is on the southern contact of the Webb Lake Sill, in the Kremzar splay trend many historic showing are associated with felsic dykes cutting through the volcanics or gabbro, in the Cline area the Cline felsic porphyry is spatially related to mineral occurrences in that area. On smaller scales in drill core centimeter scale mineralized silicic-sericitic shears can commonly be developed along mafic or felsic dyke boundaries between the volcanic country rock.

In the present program of deeper drilling beneath the Island Gold Mine some sense of this same control is seen where zones of mineralization appear to be forming along contacts between less competent tuffs and lapilli tuff or heterolithic fragments and more competent massive felsic rocks which may be either flows or sub volcanic intrusives. Zones are also seen to be spatially related to either gabbroic dykes or fine grained mafic dykes.

6.5 Mineralization and Alteration

In the Island Gold deposit in the upper levels of the mine are characterized by alteration envelopes consisting of strong deformation, pyrite-sericite-silicic-carbonate alteration and concordant qtz-cb stringers which can contain visible gold. Alteration envelopes referred to as `API' Alteration Island Package) range from between 0.5 to 10 meters in width and pinch and swell along strike and may split or merge. Quartz-

carbonate stringers are commonly on a decimeter scale but may increase to decimeter thicknesses in the transition from sheeted veinlets to thicker fault fill veins.

Alteration style in the deep zones however is much higher degree of silicification and much weaker sericitization. The deformation intensity in the deeper is more brittle in character and much less ductile. Veins in the core of the deep zone between 15000E and15150E may develop between decimeter and meters scale in width but the adjacent wallrock may be only weakly to moderately deformed howbeit strongly silicified and pyritized. Gabbroic dykes are observed along the footwall of some zones and tend to be moderately to strongly deformed with fabric being defined by multiple hairline to millimeter scale concordant qtz-cb stringers.

7.0 DRILL RESULTS

7.1 GD-14-01C

Three restarts were required previous to the drilling of GD-14-01C due to excessive deviation which include abandoned holes GD-14-01, 01A and 01B totaling 417 meters. The timber laden swamp caused excessive azimuth deflections and all the abandoned holes once started underwent upward dip deviations which far exceeded the planned deviation. On November 1, 2014 GD-14-01C was successfully collared and started.

Drill hole GD-14-01C has intersected three main zones of gold mineralization within a corridor between 1100-1217 meters.

1. A mineralized zone between 1100.8 – 11003.4 m averaged 56.16 g/t (16.69 g/t - cut75) g/t over 0.95 meters (true width). Moderately intense silicic pyritic alteration (API) hosts a 22 cm quartz vein containing multiple specks of gold (>50) which across a zone of 54 centimeters ran 269.65 g/t uncut. The zone is underlain by a 5 meter unit of fine grained weakly feldspar phyric volcanic (V1Z) in turn underlain by a moderately feldspar porphyritic felsic volcanic (V1QFP). The zone is immediately overlain by a felsic lapilli tuff (V1L) consisting of 1-8 cm irregular patches of feldspar phyric felsic rock.

2. Further downhole between 1172.65 – 1175.1 m a strongly silicified mineralized zone (API) averaged 12.5 g/t over a true width of 0.95 meters. The zone hosted an 80 cm wide whitish to light grey 80 cm wide quartz-carbonate vein containing 10 specks of visible gold. The zone is immediately underlain by a 6 cm felsic volcanic dyke (I1ZD) which is a massive homogeneous rock of felsic composition. The zone is overlain by a thicker series of felsic volcanic units (V1Z) which extents uphole to 1119.4 meters.

3. The most significant gold zone occurred between 1207.52-1217.48 meters and averaged 29.94 g/t (19.87 g/t – cut 75) over 3.93 meters of true width. The

mineralized zone consisted of a fine grained whitish quartz vein with irregular streaks and patches more greyish quartz as well as sericitic alteration and fine disseminated pyrite between 2and 7%. The vein is transected by a 25 cm width gabbroic dyke at 1214.35 m which is highly deformed and highly inundated with concordant mm scale quartz-carbonate stringers. Although the vein is of a higher grade gold tenure visible gold could only be recognized in three 2-3 mm scale clouds throughout the whole zone.

4. Elsewhere in the hole and downhole of the three main zones previously mention intermittent gold intercepts ranged between 1.14 g/t and 6.72 g/t in core lengths between 30 and 73 centimeters. An anomalously high gold value of 81.85 g/t was intersected at 1291.35 meters which was a zone containing several 4-5 cm wide greyish quartz stringers and 20 specks of visible gold. (Table 1).

The three zones of significant gold mineralization in GD-14-01C which extends between 1110.95 – 1217.48 meters represents a true width of approximately 50 meters which is about equal to the width of mineralized corridor in the upper levels of the Island Gold Mine from E1E to G1 zones but half the width of the mineralized corridor seen in the deep Island zone.

7.2 GD-14-02

Drill hole GD-14-02 was drilled to overcut GD-14-01C by approximately 300 meters in elevation and has intersected several zones of gold mineralization.

1. A mineralized zone between 936.2 – 940 meters which appears to correspond to the down dip extension of the E1E in Extension 2 currently mined above the 400 level averaged 1.97 g/t over 2.05 meters (true width). The zone consists of moderate intensity silicification and sericitization with a 30 cm wide zone of multiple mm scale to 5 cm wide greyish quartz-carbonate stringers. Pyrite accompanies the quartz stringer zone up to several percent.

2. Further downhole between 1093 – 1094.5 meters an undefined zone averaging 12.23 g/t over 0.75 meters (true width) was intersected. The mineralized zone consisted of a concordant 2 centimeter quartz stringer enveloped within 6 cm wide zone of intensely silicified wall rock containing 2-3% po and py. Immediately north or footwall to this veinlet was a weak API unit between 1096.35 – 1098.45 meters averaging 1.7 g/t over 0.8 meters (true width).

3. Intermittent sporadic gold values were obtained throughout the after the 767 meter mark generally ranging between 1.12 and 9.6 g/t and usually of limited core lengths of less than a meter in width (Table 1).

Table 1: Assay Summary Chart GD-14-01C and GD-14-02							
HOLE-ID	**from**	**To**	**Length**	**Grade uncut**	**Grade cut75**	**T-Thick**	**Zone**
GD-14-01C	1100.95	1103.4	2.45	79.74	16.69	0.95	X
GD-14-01C	1172.65	1175.1	2.45	10.61	10.61	0.95	X
GD-14-01C	1177	1178	1	2.29	2.29		
GD-14-01C	1207.52	1217.48	9.96	29.94	19.87	3.93	E1E
GD-14-01C	1229	1229.73	0.73	5.82	5.82		
GD-14-01C	1243.82	1244.36	0.54	6.72	6.72		
GD-14-01C	1265.5	1266.18	0.68	1.14	1.14		
GD-14-01C	1291.35	1291.65	0.3	81.85	75		
GD-14-02	767.27	767.66	0.39	1.99	1.99		
GD-14-02	889.12	890.12	1	1.12	1.12		
GD-14-02	898.6	899	0.4	1.52	1.52		
GD-14-02	936.2	940	3.8	1.97	1.97	2.05	E1E
GD-14-02	1043.3	1044.2	0.9	1.14	1.14		
GD-14-02	1058.5	1059.25	0.75	2.03	2.03		
GD-14-02	1087.7	1090	2.3	1.09	1.09		
GD-14-02	1093	1094.35	1.35	12.23	12.23	0.75	X
GD-14-02	1097	1098.45	1.45	1.7	1.7		
GD-14-02	1104.65	1105	0.35	1.61	1.61		
GD-14-02	1107.45	1108.4	0.95	9.6	9.6		
GD-14-02	1141.75	1142.2	0.45	1.07	1.07		
GD-14-02	1159.25	1159.52	0.27	3.84	3.84		

7.3 Lithologic Sequence

The rock sequence is dominated by felsic volcanics which include quartz feldspar porphyritic units (V1QFP, T1QFP), finer grained felsic rocks (V1Z, T1Z), various fragmental rocks and assorted lapilli tuffs (T1L,T2L, V1L) and mafic dykes (I3GD) with several felsic to intermediate dykes (I2D, I1Z). Interpretation suggests the sequence dips south at about 70 degrees based on the correlation of mafic dykes and the upper porphyritic sequence which is distinctive.

The southernmost section of the hangingwall sequence to the mineralized corridor is dominated by very massive quartz-feldspar porphyritic felsic rocks (V1QFP). The unit is very distinctive and quartzofeldspathic containing 2-5% feldspar phenocrysts and 3-5% blue quartz eyes. Previous drilling has traced the unit to the south and laterally for several hundred meters at least. The homogeneous and massive character of the unit suggest it may be a sill or possible a thick flow unit. Within this section a 20 to 25 meter southerly dipping gabbroic dyke (I3GD) occurs. Local intercalations of centimeter scale to 5 meter

wide intermediate to gabbroic dykes, fine grained felsic volcanics and minor tuff bands are present.

Lapilli tuff and variable fragmental units (T1L, V1L) become more frequent as downhole lithologies are encountered with interbedded units of felsic volcanics (V1Z), local schist like rocks (T9ZS) and more locally occurring gabbroic rocks (I3GD). The three main mineralized gold bearing API zones in GD-14-01C occur between lapilli tuff felsic volcanic contacts or volcanic – felsic dyke contacts. Two main gabbroic dykes occur both approximately 20-25 meters in thickness.

The footwall sequence of this mineralized horizon is dominated by variable felsic volcanic rocks (V1Z) which are fine grained light greyish, weakly foliated, containing weak disseminations of biotite and chlorite and have intermittent concordant mm to cm scale quartz veins and local zones of higher intensity deformation in places. The sequence is cut by much lesser amounts of gabbroic dykes in decimeter to 3 meter scale widths. Local amounts of chloritoid alteration appear intermittently. Several units of massively textured felsic quartz feldspar porphyritic units also occur.

The succession of rocks encountered in the drilling program indicates that the corridor of mineralization is enveloped within a more bedded sequence of variable lapilli tuffs, fine grain weakly phyric felsic volcanics, porphyritic volcanics and gabbroic dykes. Within this domain rock competency contrasts may be anticipated to be more prevalent. It follows that in such a regime movement along rock contacts, the propagation of shearing and the development of mechanical traps would facilitate gold vein development. The southerly hangwall of massive felsic quartz-feldspar porphyritic sills/flows and a northerly footwall of more massive formations of fine grained felsic volcanic rocks likely augments the effect of rock competency differentials and focusing deformation and strain.

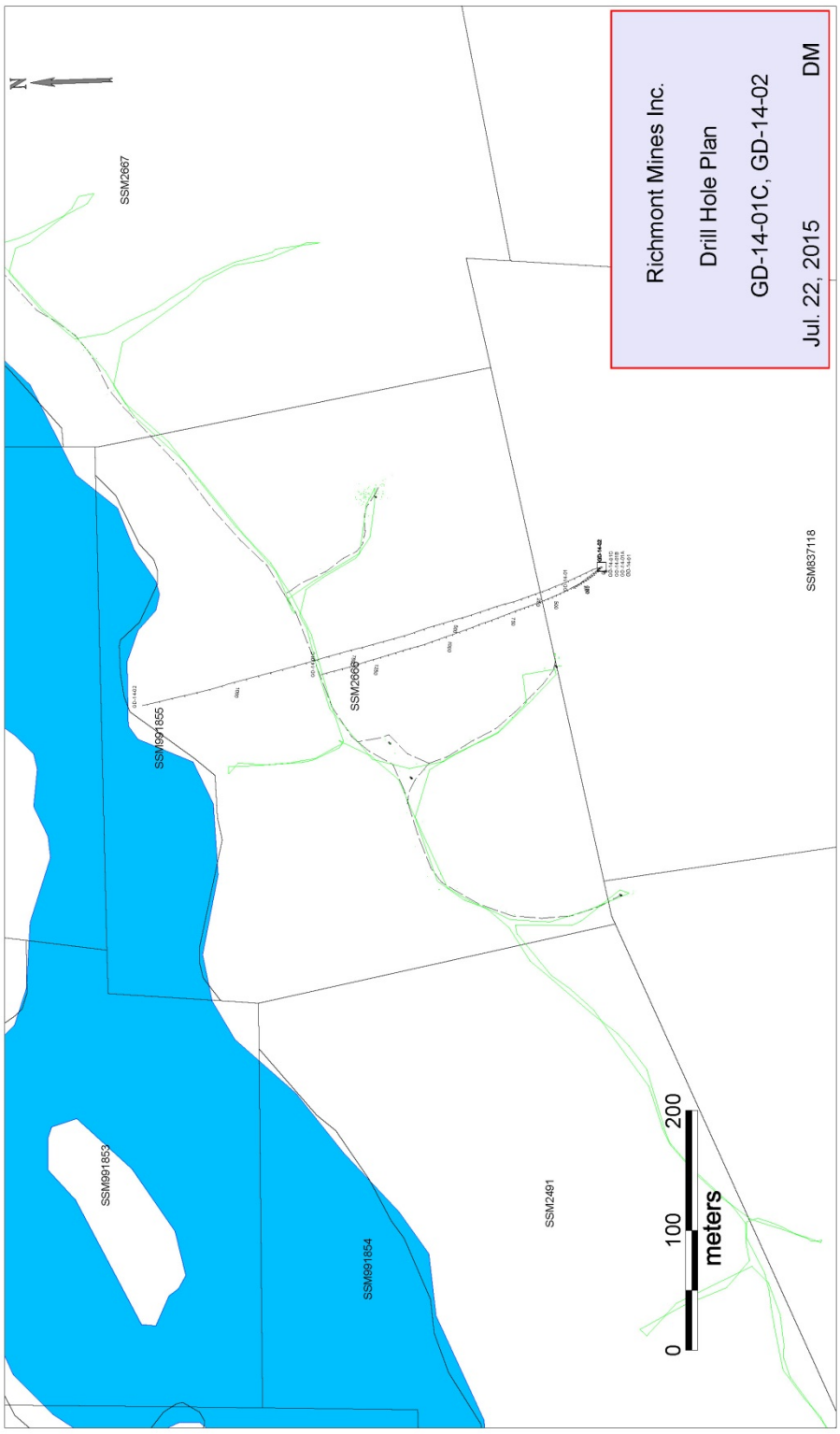

Figure 7: GD-14-01C, GD-14-02 DH Plan

8.0 CONCLUSIONS AND RECOMMENDATIONS

1. Drilling at depth beneath the Extension 2 zone has been successful in intersecting gold mineralization at a depth of 1250 meters below surface at the Island Mine Extension 2 zone. GD-14-01C has intersected a zone averaging 29.94 g/t (19.87cut75) over 3.93 meters true width. The zone may correlate as down dip continuation of the E1E zone currently mined above the 400L. The high golf tenure of the deep intercept and robust quartz veining suggests that the gold forming process and related plumbing system is still intact and strong.

2. GD-14-02 has intersected a weaker zone of gold mineralization averaging 1.97 g/t over 2.05 meters also correlatable to the E1E zone 900 meters below surface and 350 meters above the GD-14-01C E1E intercept. Several additional gold intercepts occur further down hole which include a zone of 12 g/t occurring between 1093-1094.5 meters. Although of limited width indicates that gold values are present to the 4350L or 1050 meters below surface at northerly latitudes of 4400N (mine grid).

3. The corridor of mineralization is enveloped by a more bedded sequence of rock including lapilli tuff, various fragmental rocks, felsic tuffs and gabbroic dykes. It is suggested the propagation of deformation, development of mechanical traps and consequent vein formation and gold zone deposition formation is primarily controlled by competency contrasts between the more bedded, less competent tuffs and lapilli tuffs and the more massive competent massive volcanic and felsic dyke lithologies and gabbroic dykes. In addition the massive porphyritic felsic hanging wall and more massive felsic volcanic footwall sequence may help to focus strain and deformation into the more bedded domain of rock.

4. Further drilling is required and recommended to test the continuity and extent of the GD-14-01C intercept between the 1000L and 1500L between 15220E from the west side of Extension 1 (15200E) to 15800E east of Extension 2. Initial exploration drilling should be widely spaced on 100 meter spacing and could be accomplished by deep drilling from underground exploration drifts and platforms which have yet to be developed or from surface utilizing the new directional drill orientation technologies which can accurately reach multiple targets with a limited number of pilot holes and thereby being much more efficient and cost effective for larger deep drilling programs.

9.0 Expenditures

Diamond Drilling

3020 m coring @ $86.62/m …..……261,615.20
Mobilization…...…….7,000.00

Manpower

Supervision and planning (16 days @ $400/day)……6,400.00
Geologist, (60 days @ $300/day)…….…….…….18,000.00
Core Splitter, (7 days @ $200/day).…..…….....2100.00

Report writing, (7 days @ $300/day)...….……..……3000.00

Assays

589 samples @ $16.53/sample.…….……9,741.16

TOTAL……**306,856.36**

Statement of Qualifications

I, Doug MacMillan currently reside at 42 Carol Crt., Sault Ste. Marie, Ontario, P6A 4S2.

I have received the following degree in geology:

HBSc. – University of Western Ontario, London, Ontario.

I have been practicing as a professional geologist for over 20 years and have experience in mineral exploration and project evaluation.

This report is based upon a drill program which was MNDM open assessment files and unpublished data from company files as well as 4 days of core logging between July 9th and 12th of 2009.

I am not aware of any technical fact that would change the body of this report or conclusions or would be deemed as error or omission within the scope of this study.

Dated and Signed, Dubreuilville, Ontario, this 22nd of July 2015.

_____ _____

Doug MacMillan; HBSc.

References

Arais, Z.G., and Helmstaedt, H. 1990. Structural Evolution of the Michipicoten(Wawa) greenstone belt, Superior Province: evidence for an Archean fold and thrust belt. Summary of research 1989-1990. Ontario Geological Survey. M.P.150.

Heather,K.B. and Arais, Z., 1992. Geological and Structural Setting of Gold Mineralization in the Goudreau-Lochalsh Area, Wawa Gold Camp. OGS, OFR5832.

Sage, R.P., 1993a. Geology of Aguonie, Bird, Finan, and Jacobson Townships, District of Algoma, OGS, OFR 5588.

DRILL HOLE REPORT

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Drilling

Azimuth:	346.50
Dip:	-85.00
Length:	1417.00
Started:	02-Nov-14
Completed:	13-Dec-14
Logged:	28-Apr-15
Target	
Comment:	Hole went down the restart hole. Moving the drill back 1m and starting again :(with the same name.

Casing

Length:	0
Pulled:	
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Island Gold Mine
Section:	
Hole Type	SEXP

Location

Township:	FINAN
Claim No.:	
NTS:	42C/02
Hole:	Surface

Other

Logged by:	D. MacMillan
Relog by:	
Contractor:	Forthright Drilling
Company	
Spotted by:	S.O'Hare
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contra	
Left in hole:	
Making water:	
Multi shot survey:	

Coordinate

Coordinate - Gemc		Coordinate - UTM		Mine		Variable	
East:	15540	**East:**	0	**East:**	15540	**East:**	0
North:	4050	**North:**	0	**North:**	4050	**North:**	0
Elev.:	5386	**Elev.:**	0	**Elev.:**	5386	**Elev.:**	0
		Zone:					
		NAD:					

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	346.50	-85.00	C	☑	
39.00	329.30	-86.50	F	☑	
45.00	333.00	-86.60	F	☐	
45.00	331.20	-86.20	F	☑	
45.00	337.40	-86.00	F	☐	
51.00	333.30	-85.90	F	☑	
51.00	339.10	-86.10	F	☐	
60.00	334.30	-85.90	F	☐	
60.00	336.50	-85.90	F	☑	
75.00	339.40	-85.80	F	☑	
90.00	341.50	-85.60	F	☑	
105.00	339.10	-85.60	F	☑	
135.00	343.20	-85.70	F	☑	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
150.00	348.60	-85.00	F	☑	
165.00	350.40	-85.20	F	☑	
180.00	347.20	-85.00	F	☑	
198.00	347.40	-85.20	F	☑	
216.00	348.10	-84.90	F	☑	
234.00	351.40	-85.40	F	☑	
255.00	359.60	-84.50		☑	
270.00	355.10	-84.40		☑	
279.00	355.20	-84.60		☑	
282.00	356.30	-84.70		☑	
285.00	357.20	-84.70		☑	
303.00	358.20	-85.60		☑	
321.00	358.60	-84.80		☑	
345.00	355.60	-84.60		☑	

HEADER REPORT

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
360.00	356.60	-84.60		☑	
375.00	356.60	-83.10		☑	
396.00	355.80	-82.20	F	☑	
411.00	0.40	-82.40		☑	
426.00	357.50	-82.20		☑	
441.00	359.30	-81.90		☑	
456.00	359.10	-82.00		☑	
471.00	0.20	-81.80		☑	
486.00	4.50	-81.90		☐	
501.00	359.90	-81.60		☑	
516.00	1.60	-81.60		☑	
531.00	1.90	-81.60		☑	
561.00	1.70	-81.80		☑	
591.00	4.50	-82.10		☑	
621.00	4.70	-81.80		☑	
651.00	4.00	-81.70		☑	
681.00	4.50	-81.30		☑	
711.00	3.60	-80.80		☑	
723.00	1.30	-79.20		☑	
732.00	2.80	-78.90		☑	
748.00	5.10	-78.70		☐	
777.00	3.70	-77.60		☑	
795.00	2.80	-77.10		☑	
825.00	3.60	-77.20		☑	
855.00	5.90	-76.90		☑	
885.00	1.40	-76.90		☑	
915.00	4.40	-76.70		☑	
945.00	4.00	-76.10		☑	
975.00	4.90	-76.30		☑	
1038.00	4.60	-75.60		☑	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
1068.00	4.50	-75.30		☑	
1098.00	9.20	-75.20		☑	
1128.00	8.20	-75.10		☑	
1158.00	6.80	-75.50		☑	
1188.00	7.30	-75.00		☑	
1218.00	6.50	-74.70		☑	
1248.00	8.00	-74.30		☑	
1278.00	6.30	-74.30		☑	
1308.00	6.90	-74.50		☑	
1338.00	8.67	-74.40	F	☑	
1368.00	9.37	-74.30	F	☑	
1404.00	8.57	-74.30	F	☑	
1416.00	7.57	-74.10	F	☐	

LITHOLOGY REPORT
- Detailed -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology	
0.00	25.00	**OB**	***Overburden***
25.00	37.80	**V1QFP**	***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***
		fg, lt green grey, fspar and qtz phyric 3-5%, chlorite in mm wisps and hairline fractures 1-3%, groundmass still greysih very feldspathic, mmto 1 cm qyz-cb stringers are concordant and 1-2/m, downhole grain size decrease and foliation intensity increase with fspar becoming greyish and masked in a similar colored matrix, 30.54-31.55m 7 cm concordant qtz stringers + patchy bleaching +/- Si+.	
37.80	40.25	**T9ZS**	***SCHIST UNDIFFERENTIATED***
		altered version of previous V1, moderate to strong foliation 30-35TCA, 30 cm qtz-cb vein @ 39.30m, mm scale concordant qtz-cb fractures throughout, concordant hairline potassic fractures 30.60-40.25m.	

Structure Maj.:	***Type/Core Angle***	***Comment***
37.80 - 40.25	MDF 35	

Vein Maj.:	***Type/Mineral***	***%***	***ca***	***vg***
39.30 - 39.60	QCL py1	100.0	30	0

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746701	37.80	38.80	1.00		0.00	0.00
DC746702	38.80	39.38	0.58		0.00	0.00
DC746703	39.38	39.70	0.32		0.00	0.00
DC746704	39.70	40.25	0.55		0.00	0.00

From (m)	To (m)	Lithology
40.25	63.08	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** as before @ 25-37.8m, more massive, fspar+qtz increaseing3-7%, unit green grey olive coloring but very feldspathic on fresh surface, @60.33-62.14m, moderate qtz veinign, foliation and concordant salmon pink potassic streaks, chloritic fractures and qtz-cb=chlorite veining, 46.95-47.04m py-qtz-cb fracture fillings mm scale, @49.23-50.30m cm scale sub parallel qtz-cb-py veining undulating down core axis.

Structure Maj.:	Type/Core Angle	Comment
60.33 - 62.14	MDF 50	
63.08 - 63.08	CTC 70	

Alteration Maj:	Type/Style/Intensity	Comment
60.33 - 62.14	FK F	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746711	46.72	47.20	0.48		0.00	0.00
DC746712	47.20	48.20	1.00		0.00	0.00
DC746713	48.20	49.23	1.03		0.00	0.00
DC746714	49.23	50.30	1.07		0.01	0.01
DC746705	59.80	60.33	0.53		0.01	0.01
DC746706	60.33	61.08	0.75		0.01	0.01
DC746707	61.08	61.57	0.49		0.01	0.01
DC746708	61.57	62.14	0.57		0.01	0.01

From (m)	To (m)	Lithology
63.08	64.15	**I3G** ***GABBRO.*** fg, medium green, hairline qtz-cb fractures, perbasive cb, disseminated magnetite 2%, contact 70 TCA.

From (m)	To (m)	Lithology
64.15	92.90	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** as before, @73.85-75.20mm zone of patchy Si+ with strong foliation and banding between 74.52-75.20m @ 70 TCA, also containing mm bands of py 2%, - @ 89.90--90.12m qtz-potassic-toutmaline laminated vein 50 TCA with MDF,

Structure Maj.:	Type/Core Angle	Comment
74.52 - 75.20	MDF 70	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746709	73.85	74.52	0.67		0.00	0.00
DC746710	74.52	75.20	0.68		0.01	0.01
DC746715	89.48	90.31	0.83		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***							
		73.85 - 75.20 SI PCH +							
92.90	93.15	**I3G** ***GABBRO.***							
		fg, med green, contact 60 TCA.							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		93.15 - 93.15 CTC 60							
93.15	96.00	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***	DC746716	95.48	96.00	0.52		0.03	0.03
		similar to previous @ 64.15m, @95.48-95.95m similar to deformation and veining previously @ 89.90m with whitish qtz-cb veining stringers with filements of tourmaline 60 TCA and patchy to fracture controlled potassic alteration,							
96.00	96.10	**I3G** ***GABBRO.***							
		as before vfg, medium green, contact 60 TCA.							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
96.10	132.20	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** similar to 64.15m, 93.15m except now the sub mm development of cb xtals throughout in a weak pervasive manner 1-2%, xtal size now greater between 2-4mm anhedral to subhedral locally pink fspar 1 cm long axix, fspar now higher proportion of salmon pinkish colored crystals, fspar 3-7%, blue qtz .5% irredessent blue, magnetite vfg dissem's 1%., 114-124 m hairline qtz-cb fracture fillings 3/cm 80 TCA, 125.20-128.60m patchy to fracture controlled bleaching or Si+ or beigisg alteration associated with grain size decrease qtz-cg fractures and potassic alteration fractures, @127.35-127.55 m 20 cm cb-qrz-dk green chloritic vein 30-50 TCA + 1% fg py.	DC746717	127.00	127.55	0.55		0.00	0.00
132.20	137.70	**I3G** ***GABBRO.*** fg, medium green, coarser than previous and less mafic in composition, sub mm cb xtals pervasive throughout, 132.20 132.50m a bleached altered band with qtz-cb tourmaline fractures and cpy in blebs and fractures 3%, hairline qtz-cb fractures 15 TCA throughout, contact 60 and 70 TCA up and downhole respectively.							
137.70	154.00	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** similar to previous 96.1 m, @146.5-152.5m development of ly silicic or bleached pathes in part associated with irregularlow angle qtz0cb veining sub parallel to core axis to 15 TCA, contact 70 TCA @							

Structure Maj.: / ***Type/Core Angle*** / ***Comment***

132.20 - 132.20 CTC 60

137.70 - 137.70 CTC 70

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		154m.							
154.00	169.42	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, medium green grey to olive green grey, intermediate-felsic composition but probably the chloritization renders rx more mafic with chlirute wisps and flakes through 2-4%, whitish fspar xtals intermittant, greyish stretched particles throughout 1-2%, pathes of V1QFP locally. Sub parallel jointing and fracturing between 161.5-162.5 m associated with increased qtz-cb fracturing in that zone. Mag sus = 0-.2 very very low.							
169.42	226.90	**I2D** ***DIORITE.*** fg-mg .5-2 mm range of anhedral xtals, texture mottled look with whitish, greensih, olivie to greyish mosiac of minerals, inequigranular quasi-allotriomorphic, mafics consist of chlorite and possible amphibole some rectangular psuedomorpchs replaces by aforementioned mafics, cb weak pervasive throughout interstitial to main mineral compnents and as hairline fractures, - mag sus increasing downhole from .2 to 21 associated with progressively increasing magnetite content 1-2%, @ ~220 unit magnetic sus decreasing to .2 again so peripheries of diorite have less magnetite than interior regions, - unit becoming more massive and homogenious downhole local 55-60 decimeter zones of weak foliation, - @ 224 m becoming more foliated gneissic textured, qtz-cb fractures and concordant stringers 2-3/m, disseminated py .5%, - @ 226.40 m 30 cm wide local silicic band or vein + qtz stringer and fracture fillings + py 1%, - 25 cm chilled margin at downhole contact.	DC746718	223.25	224.25	1.00		0.00	0.00
			DC746719	224.25	225.25	1.00		0.01	0.01
			DC746720	225.25	226.25	1.00		0.01	0.01
			DC746721	226.25	226.90	0.65		0.01	0.01
		Structure Maj.: ***Type/Core Angle*** ***Comment***							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		224.00 - 226.90 MDF 60							
226.90	233.82	**I1ZQP** ***quartz porphyry undifferentiated*** fg, salmon pink bric reddish, strong pervasive potassic alteration, irregularto concordant 60 TCA micor to qtz and hairline mafic fracture fillings common, py .5%, magnetite .5%, mag sus around .5, quasi-porphyritic texture with clear qtz eyes @ 1-3% in .5-1 mm xtals within an aphanitic and very felsic-silceous matrix, local dark green chloritiod, hairline qtz seams 75 TCA defining weak fabric, weak irregular qtz fractures and sparse py, mag sus .9	DC746722	226.90	227.90	1.00		0.00	0.00
			DC746731	227.90	228.90	1.00		0.00	0.00
			DC746732	228.90	229.90	1.00		0.00	0.00
			DC746733	229.90	230.90	1.00		0.00	0.00
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		226.90 - 233.82 WDF 75							
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***							
		226.90 - 233.82 FK P ++							
233.82	234.00	**I2D** ***DIORITE.*** as before @ 169.42m.							
234.00	240.30	**I1ZQP** ***quartz porphyry undifferentiated***							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

similar to previous @ 226.9m except now alteration not pervasive but intermittantly streaky and patchy salmon pinkish potassic alteration throughout, qtz eye content up to ~3%, some of the semi concordant streaking is bleached along fractures, foliation 60-65TCA, mag sus = 0.

Structure Maj.:	Type/Core Angle	Comment
234.00 - 240.30	WDF 60	
240.30 - 240.30	CTC 60	

240.30 240.40 **I3D** ***diabase***

vfg, black, massive, mag sus 9.4, contact 60 TCA.

240.40 244.62 **I1ZQP** ***quartz porphyry undifferentiated***

as before 226.9m, strong pervasive salmon pinkish potassic alteration throughout, appearing to be emantating out from hairline to mm scale concordant qtz fractures 60-70 TCA, dark green to black chloritiod xtals 1-3%.

Structure Maj.:	Type/Core Angle	Comment
244.62 - 244.62	CTC 80	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
244.62	245.80	**I3D** ***diabase*** as before, black, fg, contact 80 TCA, cm chilled margins.							
245.80	254.20	**I1ZQP** ***quartz porphyry undifferentiated*** as before aphanitic with qtz eyes, potassic ateration strong between 245.8-249m decreasing away from dyke, moderate foliation 65 TCA, becoming weakly sericitic, qtz eyes 3%, chloritiod randomly oriented porphyroblasts 2%, vfg ilmenite?, mag sus = 0. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 245.80 - 254.20 MDF 65								
254.20	254.35	**I3G** ***GABBRO.*** vfg, green, intermediate-mafic comp, weak pervasive cb, contact 70 TCA. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 254.20 - 254.35 CTC 70							
254.35	272.17	**I1ZQP** ***quartz porphyry undifferentiated*** similar to 245.8m, lt grey with local potassic patches, @ 271m potassic alteration increses to moderate-	DC746723	271.00	272.00	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		strong pervasive, weak foliation 65 TCA, @ 261m weak network of fractures along which some bleaching and chloritiod develop rather than the disseminated form previously seen for chloritoid distribution 50/120 sets TCA.							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		254.35 - 271.00 WDF 65							
		272.17 - 272.17 CTC 40							
272.17	272.40	**I1Z** ***FELSIC INTRUSIVE UNDIFFERENTIATED.***	DC746724	272.00	272.40	0.40		0.00	0.00
		fg, lt grey to beige to pinkish variations, 40TCA at 272.17m, 55 TCA at 272.4m.							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		272.40 - 272.40 CTC 55							
272.40	273.38	**I1ZQP** ***quartz porphyry undifferentiated***	DC746726	272.40	273.00	0.60		0.01	0.01
		very highly alteration salmon pink, fractured, hairline siliceous fractures, still semi recognizable as felsic qtz prophyritic dyke, fractures 40-60TCA.	DC746727	273.00	273.60	0.60		0.00	0.00
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		273.38 - 273.38 CTC 55							

LITHOLOGY REPORT
- Detailed -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
273.38	273.60	**I1Z** ***FELSIC INTRUSIVE UNDIFFERENTIATED.*** vfg, pale greenish silceous dyle, almost micro mm thin quasi laminations 60-70 TCA, up hole contact x-cuts previous unit as in x-cuts the 60 degree fabric of hairline seams.							
273.60	274.24	**I1ZQP** ***quartz porphyry undifferentiated*** as before @ 272.4m, less pervasively potassic than previous and riddled with hairline qtz fractures 40 and 60 TCA.	DC746728	273.60	274.45	0.85		0.00	0.00
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 274.24 - 274.24 MDF 40							
274.24	274.45	**I1Z** ***FELSIC INTRUSIVE UNDIFFERENTIATED.*** vfg-fg, lt to med grey, 40 TCA contacts and foliation.							

From (m)	To (m)	Lithology
274.45	288.40	**I1ZQP** ***quartz porphyry undifferentiated***

same qtz prophyritic dyke/sill? Strong pervasive potassic salmon pink alteration, hairline qtz fractures, chloritiod porphyrobalsts, @ 276-277.10 m white to transucent QV 25 TCA country rx inclusions local, @ 278-279m several low angle whitish qtz stringer + tourmaline + py and 35 cm qtz-cb-tourmaline vein, @283.2-284.50 moderate foliation or lamonation? 40-50 TCA, neat downhole sharp contact, finer grained and moderate foliation 70TCA,@ 288.20-288.40m 70 TCA, after 283.20 m some compsotional variation with fspar phenocrysts appearing now.

Structure Maj.:	Type/Core Angle	Comment
283.20 - 284.50	MDF 40	
288.20 - 288.40	MDF 70	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746729	274.45	275.45	1.00		0.00	0.00
DC746730	275.45	276.00	0.55		0.45	0.45
DC746734	276.00	277.10	1.10		0.00	0.00
DC746735	277.10	278.00	0.90		0.00	0.00
DC746736	278.00	279.00	1.00		0.02	0.02
DC746737	279.00	280.00	1.00		0.00	0.00
DC746738	280.00	281.00	1.00		0.00	0.00

From (m)	To (m)	Lithology
288.40	294.50	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, lt grey to lt green grey, weakly to moderately foliation, weakly fspar porphyritic 1-2%, fspar may be sub rectangular 1-2 mm to highly stretched and wispsy, variable weak disseminated to wispy chlorite alteration, patchy weak cb, mag sus 0.

From (m)	To (m)	Lithology
294.50	294.95	**T3BL** ***lapilli tuff basalt***

fg green, 1-10 mm elongated elobate to shard like lt greenish grey to dark olive green balckish particles in a more mafic chloritic matrix, interbanded chloritoid layers, sharp downhole contact 70 TCA, possibly a dyke, uphole contact appears to have country rx inclusion although highly altered by chloritoid, coming into the unit and going out there is a periphery of increased chloritoid alteration suggesting a dyke and marginal alteration.

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

294.95 315.55 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

as before at 288.4-294.5m again lt grey to lt green grey, bulk comp more felsic or intermedaite-felsic, weak-moderate foliation 50-60TCA, variable disseminated with some wispy or streaky chlorite 2-4%, lapilli between 300-303m.

Structure Maj.:	*Type/Core Angle*	*Comment*
294.95 - 324.00	SC1 55	

315.55 325.15 **V2Z** ***INTERMEDIATE VOLCANIC UNDIFFERENTIATED.***

similar to previous @ 288.4 exceptnow variable zones on meter scale of increased chlorite + mag which maybe be associated with qtz-cb veining and therefore fratured controlled, irregular meter scale zones where chloritiod increses as randomly orienteed xtals associated with increase of chlorite usually, concordant mm-cm streaks as well, chloritiod usually appears in these more chloritized areas, chloritzed patches/zones as follows:
- 315.55-318.73m,
- 320.88-321.10m,
--323.48-325.15m.
Mag sus = 0 for V1/V@, > 5 for alteration bands.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
315.55 - 325.00	CL PCH +	

From (m)	To (m)	Lithology
325.15	346.30	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, lt to med grey +/- greenish tinges, moderate foliation 40 TCA,between 325.15- 338.53m moderate disseminated porphyroblasts of chloritoid and retrograded xtals of chlorite,biotite psuedomorphing previous xtals probably 2-4% range, vfg ly green chlorite disseminated 1-3%, mag sus 2-7 range, 2mm scale stretched greyish particles or fspar xtals 2-3%,
@331-33.60m silicic-sericitic API-esque alteration,
@332.36-332.51m several concordant qtz-cb stringers + Si+ 45 TCA API like band,
@333.58-333.67m 8 cm qtz-cb vein 45 TCA,
@ 338.40m a 10cm wide qrz-cb-tl stringers at 35 TCA,
@340.68-341.06mm moderate deformation 50 TCA + 4mm to 3 cm qtz-cb stringers,
@344-344.30m mod dfm 40 TCA + qtz-cb=tl stringers,
mag sus = .06-.9.

Structure Maj.:	Type/Core Angle	Comment
340.68 - 341.06	MDF 50	
344.00 - 344.30	MDF 40	

Alteration Maj:	Type/Style/Intensity	Comment
325.15 - 331.00	CL Dis W	
331.00 - 333.60	EP P W	
331.00 - 333.60	SI P WM	
333.60 - 338.53	CL Dis W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
325.15 - 338.53	CJ DIS 3	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746739	330.00	331.00	1.00		0.00	0.00
DC746740	331.00	332.00	1.00		0.00	0.00
DC746741	332.00	332.60	0.60		0.00	0.00
DC746742	332.60	333.50	0.90		0.00	0.00
DC746743	333.50	333.90	0.40		0.00	0.00
DC746744	333.90	334.90	1.00		0.00	0.00
DC746745	334.90	335.90	1.00		0.00	0.00
DC746746	335.90	336.90	1.00		0.00	0.00
DC746747	336.90	337.70	0.80		0.00	0.00
DC746748	337.70	338.40	0.70		0.00	0.00
DC746749	338.40	338.60	0.20		0.00	0.00
DC746751	338.60	339.60	1.00		0.00	0.00
DC746752	339.60	340.68	1.08		0.00	0.00
DC746753	340.68	341.06	0.38		0.00	0.00
DC746754	341.06	342.00	0.94		0.00	0.00

From (m)	To (m)	Lithology
346.30	349.88	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***

fg, lt grey, whitish anhedral to sub rectangular altered fspar xtals 2-4% and 1 -3 mm long, local blue qtz eye. Moderate foliation 30 TCA, weak dissem'd chlorite and wispy chlorite 2-3%, vfg magnetite .5%.

Structure Maj.:	Type/Core Angle	Comment

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		346.30 - 349.88 FA1 30							
349.88	352.25	**I2DD** ***DIORITE DYKE.*** fg, lt-med greyish with faint pinkish hue, disseminated cb xtals throughout, low angle cb-qtz fracture fillings, spordic [y <<1% py, contacts irregular.							
352.25	353.63	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** as before, moderate massive and very porphyritic.							
353.63	355.05	**I3G** ***GABBRO.*** fg, meed green, .3 mm dissme'd cb xtals, wk magnetite, uphole ctc 60 TCA, downhole ctc 40 TCA, V1QFP inclusion.							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
355.05	357.35	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** as before.							
357.35	360.60	**I3G** ***GABBRO.*** fg, med green, massive, moderate cb dissem's, chloritic and feldspathic, mag sus 0.1-0.2, qtz-cb fractures throughout 7/m.							
360.60	367.38	**I3G** ***GABBRO.*** similar to previous except finer grained and much more magnetic with mag sus = range 9-26, 364-367.38m proliferance of V1QFP inclusions suggesting S or N tops???							
367.38	367.80	**I2DM** ***meta diorite*** fg, lt-med green, mod foliation 70 TCA, very feldspathic, wispy dk green mafic minerals, apple greenish mineral local but with apple greenish hue fairly visible on fresh broken surface, apatite?, fushite?, amphibole?, mag sus = .46.							

From (m)	To (m)	Lithology
367.80	381.80	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.*** fg, lt green grey to lt grey, moderate foliation 50 TCA, stretched greysih particles or xtaks throughout 2-3% and 1-2 mm in length, local qtz eye, weakly pervasive chlorite 3-4% as dissem's and anastomizing semi interconnected wisps, rx comp still appears more felsic than intermediate, magnetite <1%, mad sus 0.4-1.6 and locally higher at upper contact, @ 369.70-371.20m mod deformation 60 TCA, qtz-cb stringers and chloritoid forming within in thin layers 1-2%.
381.80	393.75	**T2QFP** ***INTERMEDIATE QUARTZ-FELDSPAR PORPHYRITIC TUFF.*** fg lt green grey, weak foliation, porphyritic with 2-4% pinkish to greyish fspar xtals, 1-2% blue qtz eyes 1%, wk pervasive chlorite throughout, .5 mm cb xtals moderate throughout lending a faint speckled texture, vfg magnetite mag sus = 6-7.

Structure Maj.:	Type/Core Angle	Comment
369.70 - 371.60	MDF 60	
371.60 - 381.00	WDF 55	strong foliation

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746755	369.00	369.30	0.30		0.01	0.01
DC746756	369.30	370.20	0.90		0.01	0.01
DC746757	370.20	371.00	0.80		0.00	0.00
DC746758	371.00	371.60	0.60		0.00	0.00
DC746759	371.60	372.52	0.92		0.00	0.00
DC746760	372.52	373.00	0.48		0.00	0.00

From (m)	To (m)	Lithology
393.75	419.26	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.***

similar to previous @ 367.8-381.8m, fg, lt green greyish, stretched greyish xtals or tuff as before, some blue qtz eyes,
- intermedaite-felsic comp range,
- moderate deformation qtz-cb-tl stringers/fractures especially 393.75-399.22m 60-70 TCA and fractures common, 7-8/m,
- @ 400.98-401.27m moderate qtz-cb-tl laminated veining 60 TCA,
- fracture controlled potassic alteration 401.55-407.45m hairline to 3 cm bands moderate, potassic alteration intermittant elsewhere,
Local porhyritic lapilli visible cm scale.
Mag sus 0-.1
Is this unit a strongly foliation version of previous V1QFP?

Structure Maj.:	*Type/Core Angle*	*Comment*
393.75 - 399.22	MDF 65	
419.26 - 419.26	CTC 50	

Alteration Maj:	*Type/Style/Intensity*	*Comment*
401.55 - 407.45	FK FF +	

419.26	419.38	**I3G**	***GABBRO.***

fg, med green, hairline qtz-cb fractures, ctc 50 TCA.

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746761	393.75	394.60	0.85		0.00	0.00
DC746762	394.60	395.60	1.00		0.01	0.01
DC746763	395.60	396.60	1.00		0.01	0.01
DC746764	396.60	397.60	1.00		0.01	0.01
DC746765	397.60	398.60	1.00		0.00	0.00
DC746766	398.60	399.60	1.00		0.00	0.00
DC746767	399.60	400.60	1.00		0.00	0.00
DC746768	400.60	400.98	0.38		0.01	0.01
DC746769	400.98	401.27	0.29		0.01	0.01
DC746770	401.27	402.00	0.73		0.01	0.01
DC746771	402.00	403.00	1.00		0.00	0.00
DC746772	403.00	404.00	1.00		0.01	0.01
DC746773	404.00	405.00	1.00		0.01	0.01
DC746774	405.00	406.00	1.00		0.01	0.01
DC746776	406.00	406.60	0.60		0.01	0.01
DC746777	406.60	407.45	0.85		0.00	0.00
DC746778	407.45	408.00	0.55		0.01	0.01

From (m)	To (m)	Lithology
419.38	439.50	**T1L** ***liparite*** similar to previous 367.8-381.8m and 393.75-419.26m as fg lt greyish felsic rx with stretched porphyroblasts except the addition of 5mm to 2 cm oviod to shard like lapilli 1-7%, lapilli are darker and more prohyritic than the matrix they are hosted by, very weak pervasive cb alteration, streaky texture, - strong fracture controlled potassic alteration between 419.38-425.30m as hairline fractures and irregular patches, increased concordant mm-1cm scale qtz-cb stringers + py dissem`d .5%, - local 10cm qtz-cb-tl vein at 422.66m. - mag sus .04-.4 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 421.10 - 423.10 MDF 60 ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 421.10 - 423.10 FK F ++
439.50	439.71	highly foliated felsic rx with hairline to mm scale concordant tourmaline ribbons, tl-cb-qtz fractures, py layers and wisps and banded salmon pinkish potassic bands, 50-60 TCA. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 439.50 - 439.71 SDF 55

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746779	420.30	421.08	0.78		0.01	0.01
DC746780	421.08	421.70	0.62		0.01	0.01
DC746781	421.70	422.22	0.52		0.00	0.00
DC746782	422.22	423.10	0.88		0.01	0.01
DC746783	423.10	424.10	1.00		0.00	0.00
DC746784	438.00	438.50	0.50		0.01	0.01
DC746785	438.50	439.50	1.00		0.00	0.00
DC746786	439.50	439.80	0.30		0.02	0.02

From (m)	To (m)	Lithology
439.71	444.25	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.*** fg, lt grey, strong foliation 50 TCA, some dark streaks probable attenuated lapilli seen earlier, weak py dissem`s and wisps .5-1% - @ 442.10-442.43m massive py band 70 TCA, - @ 442.78-473.50m cm scale concordant sulphide bands about six, mag sus 0.2-1.4. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 439.71 - 444.25 MDF 50 ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 442.10 - 442.37 PY SM 80
444.25	464.95	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.*** similar to previous still fspar phyric except less foliated and appears more fspar phyric with occasional blue qyz, lapilli fragments occasional generally darker and porphyritic, some appear mafic and porphyritic actual density is perhaps several per meter or less, lapilli more recognizable outside of chloritoid alteration, - @446-455.25m; dissmeinated porphyroblasts of chloritoid throughout in patches disseminated and within silceous bleached concordant streaks accompanied by patches and fractures of brick red potassic or hemititc alteration common, some of streakiness due to preferrential development of alteration within lapilli clasts, py .5% @ 460.80-460.90m massive py band 75 TCA, mag sus 0.5 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 464.95 - 464.95 CTC 55 ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 446.00 - 455.25 FK F + ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 446.00 - 455.25 PY DIS 0.5

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746787	439.80	440.80	1.00		0.00	0.00
DC746788	440.80	441.80	1.00		0.00	0.00
DC746789	441.80	442.08	0.28		0.00	0.00
DC746790	442.08	442.38	0.30		0.07	0.07
DC746791	442.38	442.90	0.52		0.00	0.00
DC746792	442.90	443.55	0.65		0.00	0.00
DC746793	443.55	444.55	1.00		0.00	0.00
DC746794	444.55	445.35	0.80		0.01	0.01
DC746795	445.35	445.75	0.40		0.00	0.00
DC746796	445.75	460.80	15.05		0.00	0.00
DC746797	460.80	461.90	1.10		0.10	0.10
DC746798	461.90	462.50	0.60		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		446.00 - 455.25 CL DIS 3 460.80 - 460.90 PY Mass 90							
464.95	467.78	**I3G** ***GABBRO.*** fg, lt-med green, weak-moderate pervasive cb, multiple hairline to mm scale cb-qtz fracture fillings >20/m, @465.82m 15 cm wide qtz-cb tourmaline vein 60 TCA, mag sus = 0.04. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 467.78 - 467.78 CTC 70							
467.78	498.39	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.*** as before @ 444.25-464.95m, felsic fspar phyric, local blue qtz eyes now noticed, lapilli fragments common 1-2 per meter, weak chloritoid alteration which tails off downhole, strong foliation throughout, @487.40-498.39m strong potassic or hematitic alteration along hairline to mm scale concordant to semi concordant fractures 60 TCA, strong deformation throughout most of the section, as well associated are semi concordant qtz stringers with lesser hairline to mm qtz fractures irregular veins up to several cm wide, py .5%. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 487.40 - 498.39 SDF 60 ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 487.40 - 498.39 FK F MS ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 487.40 - 498.39 PY DIS 0.5	DC746799	487.40	488.00	0.60		0.00	0.00
			DC746801	488.00	488.90	0.90		0.00	0.00
			DC746802	488.90	489.90	1.00		0.00	0.00
			DC746803	489.90	490.90	1.00		0.00	0.00
			DC746804	490.90	491.90	1.00		0.00	0.00
			DC746805	491.90	492.38	0.48		0.00	0.00
			DC746806	492.38	492.78	0.40		0.01	0.01
			DC746807	492.78	493.58	0.80		0.01	0.01
			DC746808	493.58	494.30	0.72		0.01	0.01
			DC746809	494.30	495.00	0.70		0.01	0.01
			DC746810	495.00	495.58	0.58		0.01	0.01
			DC746811	495.58	496.35	0.77		0.03	0.03

From (m)	To (m)	Lithology
498.39	501.23	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** fg-mg, lt green greyish, very porphyritic fspar + blue qtz, weakly chloritized wisps, patches, dissem's, spotty potassic alteration weak, @500-501.23m qtz-cb-tourmaline laminated 1 cm wide vein running down core axis, py .5%.
501.23	502.92	**QV** ***QUARTZ VEIN.*** a whitish to white-translucent gash like vein and undulating qtz-cb-tourmaline laminated stringers 1-3 cm wide scale running down core axis at low angles, py .5-1%, cpy trace.
502.92	506.75	**T9ZS** ***SCHIST UNDIFFERENTIATED*** banded dark green greyish-greyish reddish-salmon pinkish highly foliated rx altered with mm scale concordant potassic layers and streaks, hairline to mm to cm scale qtz stringers ~10/m and py variable trace to 1%.

Vein Maj.:	Type/Mineral	%	ca	vg
501.23 - 502.92	QTV py1	80.0	55	0

Structure Maj.:	Type/Core Angle	Comment
502.92 - 505.00	SDF 35	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746812	496.35	497.35	1.00		0.03	0.03
DC746813	497.35	498.39	1.04		0.01	0.01
DC746814	498.39	499.15	0.76		0.00	0.00
DC746816	499.15	500.00	0.85		0.01	0.01
DC746817	500.00	500.60	0.60		0.00	0.00
DC746818	500.60	501.22	0.62		0.00	0.00
DC746819	501.22	502.05	0.83		0.00	0.00
DC746820	502.05	502.92	0.87		0.00	0.00
DC746821	502.92	504.00	1.08		0.02	0.02
DC746822	504.00	505.00	1.00		0.01	0.01
DC746823	505.00	506.00	1.00		0.02	0.02
DC746824	506.00	506.75	0.75		0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

505.00 - 506.75 SDF 60

Alteration Maj:	Type/Style/Intensity	Comment
502.92 - 506.75	CL PCH W	
502.92 - 506.75	FK F WM	

Mineralization Maj. :	Type/Style/%Mineral	Comment
502.92 - 506.75	PY DIS 0.5	

506.75 519.15 **V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***

as before, lt grey, very porphyritic fsapr 5-7%, blue qtz 1%, mod deformation 506.75-513m weak foliation but thereafter becoming weakly foliated to massive in texture, spotty potassic aletration to 513m, several highly foliated bands on 10 cm scale between 511.75-513.40m + qtz stringers.

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746826	511.70	512.40	0.70		0.00	0.00
DC746827	512.40	512.80	0.40		0.00	0.00
DC746828	512.80	513.62	0.82		0.00	0.00
DC746829	518.70	519.15	0.45		0.10	0.10

Structure Maj.:	Type/Core Angle	Comment
519.15 - 519.15	CTC 50	

519.15 528.67 **I3G** ***GABBRO.***

lt-med green, weak pervasive cb, mag sus =12-16, contacts 50 TCA, local whitish QVn's cm to decimeter wide 50 TCA.

Structure Maj.:	Type/Core Angle	Comment
528.67 - 528.67	CTC 50	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
528.67	537.60	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.*** fg, lt green grey to lt grey, mod foliation 40-55 TCA, stretche fspar xtals greyish and white 1-2% but intermittant variable with deformation intensity, blue qtz trace - .5%, @ 536.60-537.40m strong potassic alteration, fracture controlled + qtz gashes and haorline stringers and tourma;ine ribbons 30-60 TCA, unit probably a more highly deformed analogue of V1QFP.	DC746830	534.00	534.75	0.75		0.00	0.00
			DC746831	534.75	535.60	0.85		0.00	0.00
			DC746832	535.60	536.40	0.80		0.00	0.00
			DC746833	536.40	537.40	1.00		0.00	0.00
537.60	562.32	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** as before, generally very fspar porphyritic 4-7% anhedral to sub rectangular 1-6mm xtals, qtz blue qtz eyes .5%, cm scale zones of higher foliation in which porphyritic texture decreased through grain size reduction, @543.90-544.60m fracture controlled potassic alteration with 40 cm zone broken rocks with chlrotic slips 70 TCA.	DC746834	537.40	538.40	1.00		0.00	0.00
			DC746835	538.40	539.40	1.00		0.00	0.00
562.32	568.40	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.*** similar to previous @ 528.67-537.6m, fg felsic with intermittant prophyritic textures throughout, 562.32-563m, highly deformed + cm qtz-cb stringers/fractures 90 and 50 TCA,							

Structure Maj.:	Type/Core Angle	Comment
544.20 - 544.60	BFA 70	

Alteration Maj:	Type/Style/Intensity	Comment
543.90 - 544.60	FK F ++	

Structure Maj.:	Type/Core Angle	Comment
562.32 - 563.00	SDF 50	
563.00 - 568.00	MDF 50	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

568.40 589.37 **V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***

as before @ 537.6-562.32m, again very porphyritic.weak intermittant qtz-cb fractures and associated potassic fracture controlled alteration hairline to mm scale,
mag sus = 5-10

Structure Maj.:	*Type/Core Angle*	*Comment*
589.37 - 589.37	CTC 55	

589.37 611.16 **I3D** ***diabase***

fg, massive dark grey, local inclusion near uphole contact, contacts 55 to 60 TCA, mag sus = 18-20.

Structure Maj.:	*Type/Core Angle*	*Comment*
611.16 - 611.16	CTC 60	

From (m)	To (m)	Lithology
611.16	648.04	**T1L** ***liparite***

a fragmental rock consisting of a med greyish felsic composition matric weakly fspar prophyritic or stretched greyish particles and weak chlrotic wisps containing <1-3% lapilli clasts which are chloriticand intermedaite compsition, SR-SA and appear to be tuffaceous or porphyritic themselves, no sortin noted, clast size .5-10cm rnge, local 15 cm wide felsic porphyritic lapilli at 624m as well,
- 611.16-614m strong foliation 60-70TCA.
Sometimes difficult to determine whether the lapilli contacts and hosting rx start due to deformation, @639.50-640.60m moderate deformtion 40 TCA, mod fracture controlled potassic alteration, several qtz-cb concordant stringers, py .5-1%.

Structure Maj.:	*Type/Core Angle*	*Comment*
639.50 - 641.60	MDF 40	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
611.16 - 640.60	PY DIS 0.5	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746836	639.00	639.50	0.50		0.01	0.01
DC746837	639.50	639.80	0.30		0.01	0.01
DC746838	639.80	640.80	1.00		0.00	0.00
DC746839	640.80	641.10	0.30		0.01	0.01
DC746840	641.10	641.60	0.50		0.04	0.04
DC746841	641.60	642.34	0.74		0.01	0.01
DC746842	642.34	643.00	0.66		0.00	0.00

From (m)	To (m)	Lithology
648.04	657.54	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, lt green grey to med grey, intermedaite-felsic comp, a variably texture unit patchy greenish, zones of bleached lt grey to med grey variations which are due to patchy chloritization, banded style Si+ with chloritoid 3-10% and fracture controlled hairline to mm scale potassic alteration, local lapilli but generally not visisble,
@ 656.73m 20 cm chlrotic bandwith cb-qtz bands and irregular veining.

From (m)	To (m)	Lithology
657.54	658.37	**I3G** ***GABBRO.***

fg-mg, several inclusion, mod pervasive cb, mag sus = 55! With vfg dissm'd magnetite.

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

658.37 667.37 **T2Z** ***INTERMEDIATE TUFF UNDIFFERENTIATED.***

a mix ox streaky greyish to greenish textured rx generally fairly felsic and feldspathich of fresh surface, intermeiitant fspar xtals and some chloritic wisps, intermittant mafic to intermedaite lapilli moderately chloritic particularily 664.50-666.50m, difficult to tell whether streaks are fragments or just alteration bands boudinaged and distended, foliation 40 TCA, mag sus = 1.15-2.4.

Structure Maj.:	*Type/Core Angle*	*Comment*
658.37 - 667.00	SC1 40	

667.37 677.30 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, med grey, whitish particles or fsapr xtals 2-3%, wispy chloritic mm scale particles <1-1%, weak pervasive cb and chlorite alteration, fresh surface very feldspathic, mag sus = 10.8 - 17.

677.30 682.94 **T1Z** ***UNDIFFERENTIATED FELSIC TUFF.***

fg, lt-med green grey, very feldspathic, mod foliation to strong foliation 45 TCA, local 20 cm wide qtz-cb-tourmaline banding 30 TCA @ 680.65m.

Structure Maj.:	*Type/Core Angle*	*Comment*
677.30 - 682.94	WDF 45	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
682.94	696.74	**T2L** ***INTERMEDIATE LAPILLI TUFF.*** a mix of felsic to greener more chloritized intermedaite appearing volcanics with a patchy distribution of fg felsic to intermedaite chlortic porphyritic lapilli from <1 - 3% but varaible and very subtle to see, sometimes apearing as streaks and sometimes as distinct fragments 1 -6 cm range, mag sus = 1 - 20 highly variable as well, 686.35-687m qtz veining and gashes 35 TCA.							
696.74	722.65	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** very similar to previous @ 667.37-677.3m, a felsic rx, fg, lt grey, patchy whitish fsapr xtals 1-3%, sub mm scale chloritic wisps common <1-2%, fairly massive rx - weak foliation, qtz-cb fractures 5-8/m and fracture controlled chloritization, local cm scale finer grained volcanic interbeds, mm scale qtz-cb fractures throughout 5-15 per meter 60-70 TCA +/- fracture controlled chloritization. @ 697m 50 TCA @ 710m 55 TCA @ 716m 55 TCA wedge bites in @ 722.60 meters and out at 724 meters but marker after wedge indicates wedges resumes at 712 meters?? 718m 50 TCA							

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
722.65	735.92	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.***	DC746843	730.75	731.75	1.00		0.01	0.01
		a mix of finer grained and coarser more fspar phric volcanic rocks which may also contain lapilli fragments intermittantly,	DC746844	731.75	732.38	0.63		0.00	0.00
		@ 731.75-735.92m very deformed 25 TCA + moderate 1 cm scale qtz-cb-tourmaline stringers + trace py/cpy with fracture controlled potassic alteration.	DC746845	732.38	733.38	1.00		0.00	0.00
			DC746846	733.38	734.38	1.00		0.00	0.00
			DC746847	734.38	735.00	0.62		0.00	0.00
			DC746848	735.00	735.92	0.92		0.00	0.00
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		731.75 - 734.00 MDF 25							
		735.92 - 735.92 CTC 80							
		Vein Maj.: ***Type/Mineral*** ***%*** ***ca*** ***vg***							
		731.75 - 732.35 QCT py.1 50.0 25 0							
735.92	738.24	**I3D** ***diabase***	DC746849	735.92	739.24	3.32		0.00	0.00
		fg, dark green grey, massive 3 cm chilled contacts.							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		738.24 - 738.24 CTC 65							
738.24	741.00	**T1Z** ***UNDIFFERENTIATED FELSIC TUFF.***	DC746851	739.24	740.24	1.00		0.00	0.00
		as befroe at 722.67 m except very cooked by adjacent dyke with patchy streak strong potassic alteration and fracture controlled potassic fractures accompanied by mm scale concordant qtz-cb tourmaline stringers 40 TCA 6/m.							

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

741.00 743.57 **T2L** ***INTERMEDIATE LAPILLI TUFF.***

streaky grey greenish rx, patchy greenish mafic areas or lapilli throughout also with moderate qtz0cb fractures 6-7/m, some of re;ated chloritzation to these fractures.

Structure Maj.:	*Type/Core Angle*	*Comment*
743.57 - 743.57	CTC 30	

743.57 743.70 **I2DD** ***DIORITE DYKE.***

lt apple green, quite feldspathic, some aqua greenish mottling in wispy minerals, ctc 30 TCA.

743.70 761.60 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

as before at 696.74m, lt grey to med green grey, weak foliation 40 TCA, some patchy porphyritic textures intermittant, some chlortic streakiness, qtz-cb fractures weak but throughout 2-8/m.

Structure Maj.:	*Type/Core Angle*	*Comment*
743.70 - 758.00	SC1 40	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
761.60	762.05	**I3G** ***GABBRO.*** fg, med green, very feldspathic but chlorite finely disseminated 20%, very weak cb.							
762.05	770.26	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** a medium greyish felsic rx with decimeter pathces of very feldspar porphyritic textures and lesser finer grained greeny grey feldspathic or chlortic intermedaite felsic rx types, qtz-cb fracturing common associated with potassic alteration, pathcy porphyritic texture due to the overprint and masking by qtz fracturing.50-70 TCA, @ 768-770.26m, moderte qtz fractures cm scale 20 TCA, 7/m, some conjugate vns @ 140 TCA. Mag sus = 2.5-4.6.	DC746852	768.00	769.00	1.00		0.01	0.01
			DC746853	769.00	769.72	0.72		0.00	0.00
			DC746854	769.72	770.26	0.54		0.01	0.01
770.26	774.20	**T9ZS** ***SCHIST UNDIFFERENTIATED*** moderate whitish cm scale qtz stringers 30 TCA and irregular qtz gashes throughout a jhighly foliated 20-50 TCA greyish chlortized rock, qtz-cb-tourmaline vn @ 40-50 TCA but with much convolution and tourmaline ribbon ptyigmatically folded throughout.	DC746855	770.26	771.00	0.74		0.00	0.00
			DC746856	771.00	772.00	1.00		0.00	0.00
			DC746857	772.00	772.82	0.82		0.00	0.00
			DC746858	772.82	773.26	0.44		0.00	0.00
			DC746859	773.26	774.20	0.94		0.00	0.00

Structure Maj.:	Type/Core Angle	Comment
770.26 - 774.00	SDF 30	20-50

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Vein Maj.:	Type/Mineral	%	ca	vg
772.00 - 773.26	QCT po.5cpy.1	90.0	50	0

774.20 775.85 **T2Z** ***INTERMEDIATE TUFF UNDIFFERENTIATED.*** DC746860 774.20 775.20 1.00 0.00 0.00

moderately to strongly foliated 30 TCA greenish grey chloritzed volcanic, moderate mm semi-concordant qtz-cb stringers, sometimes folded sometimes more gash like, patches of porphyritic rx possibly lapilli on cm scale.
Mag sus = .2-.5.

Structure Maj.:	Type/Core Angle	Comment
774.20 - 775.85	MDF 30	

775.85 777.15 **T1L** ***liparite***

patchy V1QFP textures or laplli throughout a finer grained med greyishgreen but feldspathic felsic volcanic rx, mod foliation 40-55 TCA.

777.15 780.03 **V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***

very feldspar porphyritic, med grreen greyish feldspathic rx, porphyritic texture appears to be mostly feldspar xtals 2-5% variably altered but local blue qtz eye also, some aphyric patches, weakly disseminated chlorite and bitoite .

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
780.03	790.40	**T1L** ***liparite*** 1-3% fragments in med to dark green greyish but felsic rx, lapilli cm scale SR porphytitic type intermediate-felsic comp? and an altered chloritiod bearing clast which also is feldspar prophyrityic, host rx with dissminated chlrotie and biotite 2-4%, mag sus .1-.2 but locally 7-8, mod foliation 50 TCA, weak concordant qtz fractures 2-4/m. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 780.03 - 790.40 SC1 50								
790.40	794.10	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, med greyish with salmon pinkish hairline fractures, a hint of mauvish coloration, dark greyish particles or broken feldspar xtals throughout, mod foliation 40-50 TCA, very blocky alon low angle joint 20 TCA 790.60-791.20m. Mag sus = 8-10 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 790.40 - 794.00 SC1 45 794.10 - 794.10 CTC 60	DC746861	793.10	794.10	1.00		0.00	0.00

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
794.10	794.98	**I1YM** ***meta granophyre***	DC746862	794.10	795.00	0.90		0.02	0.02
		fg, lt whitish green, very silicic, sucrosic appearing qtz graines, looks like a tonalitic gneiss in spots, py 1%, clear to translucent qtz gashes, mafic minerals tourmaline associated with some fractures and disseminated as well, dark greenish chlorite +/- amphibole disseminated as well 2-3%.							
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***							
		794.10 - 794.98 PY DIS 1							
794.98	796.60	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***	DC746863	795.00	796.00	1.00		0.01	0.01
		very similar to previous @ 777.15m with patchy potassic alteration and 3 cm QV @796.30m.	DC746864	796.00	796.60	0.60		0.01	0.01
796.60	799.90	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***							
		fg, med grey to green grey, mod foliation 50 TCA, subtle masked greyish fspar xtals/broken xtal particles 2-3% - 0.3-1mm, local blue qtz, weak chloritization.							
799.90	807.58	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***							
		very prophyritic, fspar xtals white 1-5 mm sub hedral 4-7%, blue qtz 1%, local bands of aphyric volcanic possibly lapili possibly patches of alteration or local highly starined rx and grain size reduction.							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

807.58 809.95 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

as before @ 796.6 m, local V1QFP patches.

Structure Maj.:	*Type/Core Angle*	*Comment*
809.95 - 809.95	CTC 25	

809.95 810.95 **I2DD** ***DIORITE DYKE.***

fg, lt green, very feldspathic, weak=modeate pervasive cb alteration, ctc 20 TCA, mag sus = only 0.2.

Structure Maj.:	*Type/Core Angle*	*Comment*
810.95 - 810.95	CTC 20	

810.95 815.29 **V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.***

as before @ 799.9m, very massive and porphyritic, mag sus = 2 - 4.6.

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
815.29	830.57	**V1L** ***liparite*** V1QFP containing V1QFP lapilli, 5mm - 3m SR mostly +/- SA, possible uphole grading, mag sus = 6-12.							
830.57	831.13	**I3GD** ***GABBRO DYKE.*** fg, lt med green, weqk-mod pervasive cb, mag sus = 0.1 - 1.5. cm qtz-cb fractures, ctc 50 TCA. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 831.13 - 831.13 CTC 50								
831.13	834.68	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as before @ 807.58m. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 834.68 - 834.68 CTC 50							
834.68	836.08	**I3GD** ***GABBRO DYKE.***							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

very similar to previous @ 830.57 m, multiple hairline qtz-cb fractures, ctc 50 TCA.

836.08 858.45 **V1L** ***liparite***

a patchy mix of finer grained and porphyritic felsic volcanics generally with the more porphyritic phases as lapilli within fine4r grained phases, sometimes distinct contacts between fragment and host sometimes gradational,
836-841m V1QFP hosting finer grained fragments,
841-858.45m finer grained V1 hosting fragments and pathces of V1QFP,
generally speaking,
local chloritc lapilli which are moderately chloritized,
some area V1 rock hosting V1 fragments.

Structure Maj.:	Type/Core Angle	Comment
858.45 - 858.45	CTC 30	

858.45 859.83 **I2DD** ***DIORITE DYKE.***

fg, lt green grey, a very feldspathic rx with wispy chloirite biotite particles comprising mafic component and defining weak foliation of 50 TCA,
mag sus = 0.2, ctc 30 TCA, v weak cb.

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
859.83	862.22	**V1L** ***liparite*** similar to 836.08m except fragmental yexture more subtle and distinct clasts difficult to clearly see.							
862.22	863.12	**I2DD** ***DIORITE DYKE.*** vfg-fg, med green grey, massive, very feldspathic, disseminated chlortie + biotite 7-12%, mag sus .34, contact slightly diffuse, not sharp, perhaps zone an altered volcanic?							
863.12	872.75	**V1L** ***liparite*** as before, lt greyish felsic rx slightly fspar phyric iteslf hosting a weaker contribution of lapilli from felsic fspar phyric to intermediate-mafic chloritzed fragments which appear tuggaceous of porphyritic themselves @ a density of 2-4/m, mm to 3 cm scale SR to elongated and wispy, several dyklets 872.10-872.50m ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 872.75 - 872.75 CTC 15							
872.75	876.65	**I2DD** ***DIORITE DYKE.***							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

fg, weak foliation lt-med greenish grey, moderate pervasive cb, mag sus = only .2, chlorite and biotite sub mm to 1-2 mm wisp define 30 TCA fabric.

Structure Maj.:	Type/Core Angle	Comment
876.65 - 876.65	CTC 30	

876.65 887.10 **V1L** ***liparite***

similar to previous @ 859.83m, local 10 cm clasts sr to oviod in shape, other SA felsic fragments 2-4/m, meter stretches with no lapilli at all, @ 884.70m several po porphyroblasts + cpy 4-8 mm euhedral xtals.

Structure Maj.:	Type/Core Angle	Comment
887.10 - 887.10	CTC 30	

887.10 887.55 **I2DD** ***DIORITE DYKE.***

identical to dyke at 872.75-876.65m, ctc 30-40 TCA.

Structure Maj.:	Type/Core Angle	Comment
887.55 - 887.55	CTC 40	

887.55 896.76 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, med to Drk grey, feldspathic, weakly to moderately fsapr porphyritic with ireegular distriution of whitish

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		to greyish fspar or alter xtals/tuffaceous material 1-3%, local lapilli.							
896.76	898.20	**V1L** ***liparite*** fg, lt beige, moderate-strong foliation 65 TCA, polymicitic fragmental, fragments 4-5%, 4mm to 2 cm scale fragments ranging from SA to shard like to round pebbles of varying compsositions from chloritized mafic-intermedaite, felsic porphyritic to silceous porphyritic to almost tonalitic appearing fragments, local shard like med grey quartose comp particles 1 cm scale, host rock weakly fspar phyric and felsic in composition, blebby wispy disseminated to entrained py throughout 2%.	DC746865	896.93	897.60	0.67		0.01	0.01
			DC746866	897.60	898.20	0.60		0.01	0.01
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 896.76 - 898.20 SC1 65 strong foliation							
898.20	899.15	**I3GD** ***GABBRO DYKE.*** fg, lt greenish, mod foliation 45 TCA, weak pervasive cb, silicic inclusions spordic.wispy chlorite-biotite define fabric, mag sus = 0.15.							
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 898.20 - 898.21 CTC 40 898.22 - 899.15 SC1 45							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
899.15	900.65	**V1L** ***liparite*** as before, fg, lt-med grey, greyish fspar xtals 1-2%, weak foliation, felsic composition with cm scale fragments.							
900.65	903.20	**I3GD** ***GABBRO DYKE.*** identical to dyke @ 898.2-899.15m, foliation 60 TCA, mag sus 0 - .3.							
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 900.65 - 900.66 CTC 30 900.66 - 903.10 SC1 60 903.10 - 903.20 CTC 50							
903.20	906.04	**V1L** ***liparite*** as before @ 899.15m.							
906.04	906.55	**I3GD** ***GABBRO DYKE.*** vfg-fg, lt-med green, feldspathic with disseminated chlorite, mag sus = 4.1, ctc 40 TCA, 2 cm qtz-cb							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

stringer at downhole ctc.

906.55 939.25 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, lt med grey with whitish grey patches, overall mild porphyritic texture with .5 to 2 mm greyish fspar xtals generally stretched <1-2% but locally 5% variable, intermittant patches of chloritic rx possibly lapilli, <1-1/m range, fFine grained disseminated chlorite and patchy sericite throughout + vfg magnetite mag sus = 5 to 14, 923-924m hairline potassic fracture sub parallel to core axis.

Structure Maj.:	*Type/Core Angle*	*Comment*
939.25 - 939.25	CTC 40	

Minor Interval:

915.00 918.00 V1L *liparite*

occasionaly lapilli generally as chlortic patches cm scale.

939.25 940.50 **I3DD** ***DIABASE DYKE.***

vfg-fg, black, 20 TCA ctc uphole, 40 TCA downhole ctc, mag sus 23.

Structure Maj.:	*Type/Core Angle*	*Comment*
940.50 - 940.50	CTC 50	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
940.50	954.45	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as before, lt-med greyish variably fspar phyric rx.							
954.45	963.66	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, med grey, aphyric non porphyritic, non fspar phyric phase, mod foliation 40 TCA,weakly disseminated vfg chlorite flakes, vfg magnetite dissem's 1% with mag sus = 2.6 - 37.5 lt greyish streaks probable elongated lapilli intermittant throughout, garnet porphyroblasts 960-963m, but after 961.70m 1% in 1 mm anhedral lt pink porphyroblasts, @ 957.26-958.25m- stronger deformation 40 TCA+ siliceous streaks concordant qtz stringers and hairline fractures py .1-.5%, @ 960.90-961.70m - slightly more silceous zone with qtz fractures 40 TCA, discontinuous qtz stringers local, py .5-1%. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 954.45 - 963.66 WDF 40	DC746867	954.45	955.10	0.65		0.00	0.00
			DC746868	955.10	956.15	1.05		0.00	0.00
			DC746869	956.15	957.26	1.11		0.01	0.01
			DC746870	957.26	958.25	0.99		0.03	0.03
			DC746871	958.25	959.00	0.75		0.02	0.02
			DC746872	959.00	960.00	1.00		0.01	0.01
			DC746873	960.00	960.90	0.90		0.09	0.09
			DC746874	960.90	961.70	0.80		0.04	0.04
			DC746876	961.70	962.35	0.65		0.02	0.02
			DC746877	962.35	962.90	0.55		0.15	0.15
			DC746878	962.90	963.66	0.76		0.02	0.02
963.66	966.30	**API** ***ISLAND ALTERATION PACKAGE.*** weak sub API alteration as streaky siliceous to silicic bands hairline to decimeter width variable,local qtz stringer up to 2 cm, moderate deformation 40 TCA, po .5-1%, locally up to 3% between 964.30=965m, garnet weakly present <1%, in all a variable zone with hairline qtz fractures to a 40 cm wide siliceous band @ 964.30m with 2 cm whitish concordant stringer + po 3%, py .5%.	DC746879	963.66	964.30	0.64		0.07	0.07
			DC746880	964.30	965.00	0.70		0.43	0.43
			DC746881	965.00	965.75	0.75		0.05	0.05
			DC746882	965.75	966.30	0.55		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		963.66 - 966.30 MDF 40							
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***							
		963.66 - 966.30 SI F WM							
966.30	969.42	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***	DC746883	966.30	967.30	1.00		0.00	0.00
		again the quasi porphyritic lt-med greyish volcanic which is varaible fsapr phyric +/- some vague fragmental shapes, phyric texutre weak <1-1 %, weak disseminated chloritie and magnetite throughout, mag sus = 4.8							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		969.42 - 969.42 CTC 70							
969.42	971.54	**I3DD** ***DIABASE DYKE.***							
		fg, dark grey, massive, ctc 70 TCA, mag sus = 17.							
971.54	971.91	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***							
		highly foliated 25 TCA, several qtz-cb mm scale concordant stringers.							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Structure Maj.: ***Type/Core Angle*** ***Comment***

971.54 - 971.91 SDF 25

971.91 - 971.91 CTC 35

971.91 973.38 **I3GD** ***GABBRO DYKE.***

fg, lt med green, mod folaition, perbasive cb, mm scale qtz-cn fractures throughout 30 TCA, mag sus = 1-7 variable, ctc 40 TCA.

Structure Maj.: ***Type/Core Angle*** ***Comment***

973.38 - 973.38 CTC 45

973.38 982.65 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, lt grey, non porphyritic, fg disseminated chlrotie + magnetite as @ 945.54m, local lapilli, local 10 cm wide mod-strong deformation bands + weak qtz stringer/fractures @ 973.38m 45 TCA and 975.15m 35 TCA.

982.65 1021.00 **V1L** ***liparite***

a lt grey to lt-med green greyish rx streaky patchy texture with vague to distinct fragmental textures, generally a more fspar porphyritic phases within a finer more chloritzed felsic-intermedauiate volcanic,

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		also downhole after 996m a finer grained lt grey felsic volcanic hosting a more porphyritic chloritized fragment, at any rate varaible howbeit vague lapilli throughout.							
1021.00	1024.00	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, med green grey to med grey, weak disseminated chloritie 2-3% and magnetite 1%, mag sus = 4.5 - 9.1, local patches of more porphyritic or spotty whitsih rock presimably altered xtals.							
1024.00	1033.68	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, lt-med grey to green grey, wk-mod foliation 50 TCA, variably fsapr porphyritic, 1-4%, whitish to greyish anhedral to subhedral fspar, xtals are generally greyish but have yellow white cb replacement, local lapilli frags present, again a weak pervasive chloritization + vfg-fg magnetite mag sus = 5.							

From (m)	To (m)	Lithology
1033.68	1045.49	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to 973.38m,non- porphyritic like texture with locall in patches which may be diffuse porphyritic fragments/lapilli, again rx lt-med grey to green-grey but felsic and with a weak chlrotization and vfg magnetite mag sus = 2.3 - 12, weak foliation 50 TCA, @ 1049.95-1045.49m becoming more foliated and altered Si+, @1034.75-1035.15m moderate salmon pink fracture controlled alteration + hairline to 6 mm qrz-cb fractures py <<1%.
1045.49	1048.70	**T9ZS** ***SCHIST UNDIFFERENTIATED*** sub API like alteration, fg lt greyish, moderate Si+ in bands and disseminated biotite and chlorite, hairline to mm qtz-cb fractures throughout with local 10 cm concordant qtz-cb at 1045.70m 45 TCA and several concordant qtz-cb striners between 1047.70 - 1047.90m 30 TCA, po vfg-fg .5-3% disseminated and entrained between 1047.70-1047.80m. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1045.49 - 1048.70 MDF 40
1048.70	1056.08	**I3DD** ***DIABASE DYKE.*** fg,massive, dk grey to black, mag sus 27, ctc 30 TCA @ 1056.08m. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1056.08 - 1056.08 CTC 30

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746892	1034.75	1035.15	0.40		0.01	0.01
DC746884	1044.00	1044.95	0.95		0.01	0.01
DC746885	1044.95	1045.49	0.54		0.02	0.02
DC746886	1045.49	1046.00	0.51		0.79	0.79
DC746887	1046.00	1046.65	0.65		0.04	0.04
DC746888	1046.65	1047.60	0.95		0.01	0.01
DC746889	1047.60	1048.00	0.40		0.19	0.19
DC746890	1048.00	1048.70	0.70		0.01	0.01
DC746891	1048.70	1049.25	0.55		0.00	0.00

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1056.08	1058.08	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to 1033.7 m.							
1058.74	1086.85	**I3GD** ***GABBRO DYKE.*** fg, lt=med green, massive to weakly foliated, fspar-chlorite-cg-magnetite comp, weak-mod pervasive cb, mag sus = 11 - 42, fine chilled 20 cm margins, weak foliation 65 TCA. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1086.85 - 1086.85 CTC 65							
1086.85	1091.25	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, lt-med grey, weak foliation patchy irregular whitish fspar porphyritic texture 2-5%, some fine grained patches possibly lapilli, weak chloritization imparting greenish hue to unit, vfg magnetite mag sus 5 - 9.							

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From (m)	To (m)	Lithology
1091.25	1095.80	**V1L** ***liparite*** a finer volcanic with a weak varaible amounts of greyish feldspathic xtal material 1% , lt-med grey to green grey rx hosting irregular 1-8 cm wide patches or lapilli of whitish fspar phyric nature, as seen previously a general weak pervasive chloritization + magnetite with mag sus 7. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1095.80 - 1095.80 CTC 45
1095.80	1096.00	**I3GD** ***GABBRO DYKE.*** fg, dark green, weak pervasive cb, 4-6mm chloritiod porphyroblasts 7%.
1096.00	1100.95	**V1L** ***liparite*** fg, lt greyish, weak foliation, irregular shaped fspar porphyritic patches and/or lapilli through a lesser volume of finer grained greysih volcanics, weak pervasive chloritzation drops off at 1098 where unit becomes more silicic, magnetite dissem'd throughout mag sus = 15,

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746893	1096.00	1096.80	0.80		0.05	0.05
DC746894	1096.80	1097.80	1.00		0.03	0.03
DC746895	1097.80	1098.80	1.00		0.00	0.00
DC746896	1098.80	1099.80	1.00		0.01	0.01
DC746897	1099.80	1100.23	0.43		0.01	0.01
DC742001	1100.25	1100.80	0.55		0.00	0.00

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From (m)	To (m)	Lithology
1100.95	1102.63	**API** ***ISLAND ALTERATION PACKAGE.*** moderate Si+, mod pervasive cb, po,py 2-3% vfg dissem'd, weak-mod foliation 40 TCA., @ 1101.40m 22 cm QVn + >50 specks VG. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1100.95 - 1102.63 WDF 40 ***Vein Maj.:*** ***Type/Mineral*** ***%*** ***ca*** ***vg*** 1101.40 - 1101.62 QV py.5 100.0 50 >50
1103.40	1108.00	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as befroe, primarily a finer grained weakly fspar phyric volcanic with intermittant patches or lapilli which are prophyritic with whitish deformed fspar xtals, in this unit however 1103.4-1105m weak-mod Si+, biotite alteration rather than chloritization and vfg dissem'd po 1%,mag sus = 9 1104m and after becoming again weakly chloritzed as before + dissme'd mag, mag sus = 9.
1108.00	1117.10	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** fg, lt grey, fsapr phyric volcanic, fspar 5-7% with 1-3mm subhedral xtals, to note no qtz xtals seen, local appearances of reddy pink garnet, mafics = bioite 2-3% +/- chlorite <1-1%, magneitie <1% but mag sus = .1 to 17, py .5%. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1117.10 - 1117.10 CTC 60

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC742002	1100.80	1101.36	0.56		0.04	0.04
DC742003	1101.36	1101.90	0.54		269.65	75.00
DC742005	1101.90	1102.63	0.73		0.40	0.40
DC742007	1103.40	1104.00	0.60		0.00	0.00
DC746898	1104.00	1105.00	1.00		0.00	0.00
DC746899	1105.00	1106.00	1.00		0.01	0.01
DC746901	1106.00	1107.00	1.00		0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1117.10	1119.41	**I3GD** ***GABBRO DYKE.*** fg, med green, weak pervasive cb, very chloritic with randomly oriented chloritiod porphyroblasts 10-15%, ctc 65 TCA, mag sus 14. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1119.41 - 1119.41 CTC 65							
1119.41	1158.74	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, lt med grey, feldspathic comp + fspar-phyric rx with biotitc wisps which define a weak fabric, biotite > chlorite now and unit appearing more qtz rich than previous V1 units, unit moderately fspar porphyritic throughout 1-3 mm subhedral xtals @ 3-7% with finer graine aphyric patches intermittant, moderate qtz-cb cb fractures throughout 5-15/m whitish to yellowish (Fe cb), 50-90 TCA mm scale wide, @ 1152.50m garnet appearing pinkish to red dish 1 to 5 mm subhedral porphyroblasts <<1 - 1%, local cm scale elongated mg chloritoid blebs +/- garnet 1158-1158.20m.	DC746902	1107.55	1171.20	63.65		0.06	0.06
1158.74	1159.30	**API** ***ISLAND ALTERATION PACKAGE.*** weak api alteration, lt greyish mod pervasive Si+, qtz fractures, po 2%, py .5%.							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

1159.30 1167.53 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, medium to darkish grey or green grey, patchy texture with decimeter scale fspar phyric rx and alternating finer grained volcanics over printed with mod yellowish high angle70 TCA 10-20/m at mm scale qtz-cb fractures and blebby to irregular podlike or concordant streaky chloritization accompanied by mg chloritiod prophyroblasts, chloritiod also associated with qtz rich segrations or gashes 5-10 mm scale, biotite disseminated to wispsy, 2-3%, chlorite 1%, chloritization associated with fractures not disseminated,
magnetite 1-2%, mag sus = 5 - 11,
unit becomes dark when wet yet med grey when dry and fresh surface quite felsic in composition,
local garnet xtals.
Weak-moderate foliation avg. 60 TCA.

Structure Maj.:	*Type/Core Angle*	*Comment*
1159.30 - 1167.00	SC1 60	

1167.53 1168.76 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

fg, med greyish, mod foliation 65 TCA, moderately felsic but altered with mm to cm concordant streaks and patches of chloritized rx and randomly oriented chloritiod porphyroblasts, chloritiod also associated with sileous gashes or irregular segrations on cm scale,
several intermittant concordant silciic bands,
fg magnetitie 1%, mad sus = 7-8.

Structure Maj.:	*Type/Core Angle*	*Comment*
1167.53 - 1168.76	MDF 65	

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From (m)	To (m)	Lithology
1168.76	1170.55	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous V1 @ 1159.3-1167.5m with patchy texture of fspar phyric and lesser finer grained volcanic rx in variation, whitish 1-2 mm subhedral to deformed and partially cb altered fspar 1-5%, some garnet present, weak-moderate foliation 60-70 TC. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1168.76 - 1170.55 SC1 65
1170.55	1172.95	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, lt grey, altered volcanic with weak pervasive Si+, scattered whitish fsapr <1%, mod foliation 60 TCA, vfg disseminated po 1%, py <<1%, cb negligible, disseminated to wispy biotite 2-3% + chlorite 1%. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1170.55 - 1172.95 WDF 60 ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 1170.55 - 1172.95 SI P WM ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 1170.55 - 1172.95 PO DIS 1

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746903	1171.20	1171.82	0.62		0.02	0.02
DC742008	1171.82	1172.65	0.83		0.00	0.00
DC742009	1172.65	1173.25	0.60		2.40	2.40

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1172.95	1175.10	**API** ***ISLAND ALTERATION PACKAGE.*** fg, whitish to lt grey, mod-strong Si+, weak-mod pervasive cb, 1173.80-1174.60m QVn + VG 40 TCA, previously cut before logging, mod deformation 50-60 TCA, alteration variable from streaky siliceous apple greensih to darker more bitotic but still siliceous in composition, vfg po 1-2%, py<1%.	DC742010	1173.25	1173.75	0.50		1.32	1.32
			DC742011	1173.75	1174.25	0.50		14.20	14.20
			DC742013	1174.25	1174.70	0.45		36.48	36.48
			DC742015	1174.70	1175.10	0.40		0.92	0.92
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 1172.95 - 1175.10 MDF 55 50-60							
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 1172.95 - 1175.00 PO DIS 2							
		Vein Maj.: ***Type/Mineral*** ***%*** ***ca*** ***vg*** 1173.80 - 1174.60 QCV po.5 90.0 40 10							
1175.10	1175.85	**API** ***ISLAND ALTERATION PACKAGE.*** fg, lt greyish, weak foliation 50 TCA, moderate pervasive Si+, fg py 2%, biotitie 2-4%, chloritie 1-2%, not as boittic and streaky as alteration in API @ 1173-1175.1 m, local greyish qtz stringer/fracture cm scale.	DC742016	1175.10	1176.00	0.90		0.00	0.00
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 1175.10 - 1175.85 WDF 50							
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 1175.10 - 1175.85 PY DIS 2							

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1175.85	1181.54	**I1ZD** ***FELSIC DYKE UNDIFFERENTIATED.*** fg, lt greyish, massive and homogeneous, very felsic looking like a fg tonalite, towards interior of unit grain size coarsening to almost 1 mm and having a allotriomorphic like texture, mag sus = 4.7 - 7.7 throughout, fg chlorite 2-3%, biotite 1-2%, magnetitie 1%.	DC742017	1176.00	1177.00	1.00		0.00	0.00
			DC746904	1177.00	1178.00	1.00		2.29	2.29
			DC746905	1178.00	1179.00	1.00		0.00	0.00
			DC746906	1179.00	1180.00	1.00		0.01	0.01
			DC746907	1180.00	1181.00	1.00		0.01	0.01
			DC746908	1181.00	1181.54	0.54		0.01	0.01
1181.54	1182.70	**I2DD** ***DIORITE DYKE.*** vfg-fg, med green grey, massive, very feldspathic, weak-moderate pervasive cb, ctc 40 TCA, hairline qtz-cb fractures throughout 8/m, mag sus = .76 - 1.1.	DC746909	1181.54	1182.45	0.91		0.07	0.07
			DC746910	1182.45	1182.75	0.30		0.47	0.47

Structure Maj.:	Type/Core Angle	Comment
1181.54 - 1181.60	CTC 40	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1182.70	1205.72	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, weak foliation, lt-med grey to green greyish, rx very ffeldspathic, @1190-1205.70m moderate development of fracture controlled chloritoid forming as 2-6 mm randoomly orientation associated porphyroblasts generally associated with qtz-cb fratures as well as 1-8 cm wide mafic veines composed of chlorite-chloritoid and magnetite with mag sus 66-337, unit mag sus ranges between 7.4 - 27.8 commensurate with several % fg disseminated magnetite, weak disseminated chlorite and biotite.	DC746911	1182.75	1183.50	0.75		0.04	0.04
			DC746912	1183.50	1184.50	1.00		0.01	0.01
			DC746913	1201.70	1202.70	1.00		0.14	0.14
			DC746914	1202.70	1203.70	1.00		0.68	0.68
			DC746915	1203.70	1204.70	1.00		0.26	0.26
			DC746916	1204.70	1205.70	1.00		0.06	0.06
1205.72	1207.52	**T1L** ***liparite*** fg-mg, moderate foliation 50 TCA, a generally fg felsic volcanic rx with local felsic fragments in a more biotitic less felsic rx host, vfg wispy chloritie 3-4%, vfg magnetite 1% with mag sus = 20 - 33.	DC746917	1205.70	1206.00	0.30		0.00	0.00
			DC742018	1206.00	1207.00	1.00		0.00	0.00
			DC742019	1207.00	1207.52	0.52		0.16	0.16

Structure Maj.:	Type/Core Angle	Comment
1205.72 - 1207.52	WDF 50	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1207.52	1214.35	**QV** ***QUARTZ VEIN.*** vfg, generally a whitish quartz atypical of veins in deposit which tend towards a smokey grey coloration, local greyish streaks and patches however which develop along fractures within quartz or with bands of alteration intermittant throughout qtuartz, alteration consisits of moderately sericitic bands or inclusions odf alteration, beige coloration and and with elevated py 2-7% with local po and trace cpy in places <1%. Vg @ 1208.60 m 4 specks.	DC742020	1207.52	1208.20	0.68		1.92	1.92
			DC742021	1208.20	1208.80	0.60		36.28	36.28
			DC742022	1208.80	1209.40	0.60		3.68	3.68
			DC742023	1209.40	1210.32	0.92		2.72	2.72
			DC742024	1210.32	1210.85	0.53		284.18	75.00
			DC742025	1210.85	1211.45	0.60		33.84	33.84
			DC742026	1211.45	1211.90	0.45		36.76	36.76
			DC742027	1211.90	1212.30	0.40		7.32	7.32
			DC742028	1212.30	1213.00	0.70		6.84	6.84
			DC742029	1213.00	1213.75	0.75		10.04	10.04
			DC742030	1213.75	1214.35	0.60		14.00	14.00
1214.35	1214.70	**I3GD** ***GABBRO DYKE.*** fg, stongly foliated 30 TCA, strong mm scale qtz-cb stringers, py .5%.	DC742031	1214.35	1214.70	0.35		0.16	0.16

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From (m)	To (m)	Lithology
1214.70	1217.48	**QCV** ***QUARTZ CARBONATE VEIN.*** similar to previous, dull to transulucent whitish quartz with patchy dark irregular hairline fractures of comtaining elevated amounts of sulphide and alteration, avg py 2%, local VG @ 1215 m of several 2-3mm clouds of vfg gold.
		Structure Maj.: ***Type/Core Angle*** ***Comment***
		1214.70 - 1217.48 CTC 50
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***
		1214.70 - 1217.48 PY DIS 2
1217.48	1226.66	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** vfg-fg, lt grey, weak foliation 50 TCA, py .5-1%, weak irregular hairline to mm scale qtz fractures present, several 10 cm whitie qtz veins 45 TCA @ 1222.50m and 1224.28 m, magnetite between 1217.5 - 1221 m accompanied by a darker greyish coloration with increased disseminated biotie + chlorite.
		Structure Maj.: ***Type/Core Angle*** ***Comment***
		1217.48 - 1225.12 WDF 50
		1226.12 - 1226.12 CTC 30
		1226.35 - 1226.35 CTC 50

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC742032	1214.70	1215.20	0.50		68.86	68.86
DC742034	1215.20	1215.70	0.50		2.88	2.88
DC742035	1215.70	1216.40	0.70		8.00	8.00
DC742036	1216.40	1217.00	0.60		12.36	12.36
DC742037	1217.00	1217.48	0.48		21.52	21.52
DC742038	1217.48	1218.00	0.52		0.20	0.20
DC742039	1218.00	1219.00	1.00		0.12	0.12
DC746918	1219.00	1220.00	1.00		0.31	0.31
DC746919	1220.00	1221.00	1.00		0.04	0.04
DC746920	1221.00	1222.00	1.00		0.20	0.20
DC746921	1222.00	1223.00	1.00		0.08	0.08
DC746922	1223.00	1224.00	1.00		0.07	0.07
DC746923	1224.00	1225.00	1.00		0.29	0.29
DC746924	1225.00	1226.00	1.00		0.01	0.01

From (m)	To (m)	Lithology
1226.66	1227.35	**I3G** ***GABBRO.*** similar to previous @1214.35m, highly foliated multiple strong qtz-cb fracture fllings 20 TCA, ctc 50 TCA, mod pervasive cb.
1227.35	1229.67	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous @ 1217.48, fg, lt grey, aphyric, moderate patchy Si+, local qtz fractures, py 0.5 - 1%, moderately blocky along smooth slips 50 TCA in 10-15 cm pieces, @ 1229.35-1229.67m quartz vein, cm stringers folded and disjointed into brecciated like appearance, 15 spceks VG.

Structure Maj.:	*Type/Core Angle*	*Comment*
1227.35 - 1229.67	MDF 40	
1229.67 - 1229.67	SDF 40	

Alteration Maj:	*Type/Style/Intensity*	*Comment*
1227.35 - 1229.67	SI PCH +	

Vein Maj.:	*Type/Mineral*	*%*	*ca*	*vg*
1229.35 - 1229.67	QCs py1	80.0	30	15

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746925	1226.00	1226.66	0.66		0.02	0.02
DC746926	1226.66	1227.35	0.69		0.00	0.00
DC746927	1227.35	1228.00	0.65		0.07	0.07
DC746928	1228.00	1229.00	1.00		0.13	0.13
DC746929	1229.00	1229.35	0.35		4.70	4.70
DC746930	1229.35	1229.73	0.38		6.86	6.86

From (m)	To (m)	Lithology
1229.67	1231.30	**I3GD** ***GABBRO DYKE.*** strongly deformed 40 TCA, stron concordant mm scale qtz cb stringers throughout, py <<1%, mod cb, ctc 50 TCA @ 1231.30m. Mag sus = 0.01 - .1. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1231.30 - 1231.30 CTC 50
1231.30	1243.55	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** fg, lt grey, weak foliation, weak biotite dissem's and some wispy chlrotie which define weak fabric, some decimeter scle faint patches of what appears to be subtle fspar phyric rx, when wet unit showing patchy to streaky Si+ intermittant style alteration, py finely disseminated .5-2% variably but more locally 3-4%, @ 1238.70 m 10 cm qtz-toumaline vein 40 TCA, mag sus = 0 - 1.7 only. No fragments and only faint xtals noticed locally. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1243.55 - 1243.55 CTC 3 ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 1231.30 - 1243.55 SI PCH WM ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 1231.30 - 1243.55 PY DIS 1

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746932	1229.73	1230.75	1.02		0.83	0.83
DC746933	1230.75	1231.30	0.55		0.01	0.01
DC746934	1231.30	1232.00	0.70		0.03	0.03
DC746935	1232.00	1232.75	0.75		0.02	0.02
DC746936	1232.75	1233.40	0.65		0.03	0.03
DC746937	1233.40	1234.00	0.60		0.01	0.01
DC746938	1234.00	1235.00	1.00		0.06	0.06
DC746939	1235.00	1236.00	1.00		0.04	0.04
DC746940	1236.00	1237.00	1.00		0.61	0.61
DC746941	1237.00	1238.00	1.00		0.29	0.29
DC746942	1238.00	1238.60	0.60		0.02	0.02
DC746943	1238.60	1239.10	0.50		0.02	0.02
DC746944	1239.10	1240.00	0.90		0.02	0.02

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
			DC746945	1240.00	1241.00	1.00		0.15	0.15
			DC746946	1241.00	1242.00	1.00		0.06	0.06
			DC746947	1242.00	1243.00	1.00		0.06	0.06
			DC746948	1243.00	1243.82	0.82		0.02	0.02
1243.55	1243.75	**I3GD** ***GABBRO DYKE.*** as before, med green, pervasive cb, mag sus = 0.1. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1243.75 - 1243.75 CTC 50							
1243.75	1245.12	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as before @ 1231.3 m, fg, lt grey, silicic alteration pervasive, local 1 cm stringe, weak biotite and chloritie flakes, py dissem'd 1%.r ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1245.12 - 1245.12 CTC 55	DC746949	1243.82	1244.36	0.54		6.72	6.72
			DC746950	1244.36	1244.83	0.47		0.04	0.04
1245.12	1245.33	**I3GD** ***GABBRO DYKE.*** sim to previous except now vfg, mod foliation, py 3%, ctc 55 and 65 TCA up/downhole respectively, very wk cb, not magnetic.	DC746951	1244.83	1245.60	0.77		0.09	0.09

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Structure Maj.: ***Type/Core Angle*** ***Comment***

1245.33 - 1245.33 CTC 65

1245.33 1266.18 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

similar to previous @ 1231.3 m, lt grey, fg, patchy to streaky Si+, local fsapr phyric areas only, wk bitoite and chlorite, weak foliation 55 TCA, however still py throughout weakly dissmeinated .5-2% and generally increasing downhole to 3-4 % approaching dyke @ 1266.18m,
@1257.57m - 1266.18 m - more foliated higher py 2-3%, Si+ streaks and bands more pronuonced,
@ 1265.65 m 2 cm concordant qtz-cb stringer 40 TCA.

Structure Maj.: ***Type/Core Angle*** ***Comment***

1257.57 - 1266.18 WDF 50

1266.18 - 1266.18 CTC 60

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

1245.33 - 1257.53 SI PCH W

1257.53 - 1266.00 SI PCH WM

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

1245.33 - 1257.53 PY DIS 1.5

1257.53 - 1266.00 PY DIS 2.5

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746952	1245.60	1246.40	0.80		0.03	0.03
DC746953	1246.40	1247.40	1.00		0.27	0.27
DC746954	1247.40	1248.40	1.00		0.04	0.04
DC746955	1248.40	1249.40	1.00		0.04	0.04
DC746956	1249.40	1250.40	1.00		0.05	0.05
DC746957	1250.40	1251.40	1.00		0.05	0.05
DC746958	1251.40	1252.40	1.00		0.07	0.07
DC746959	1252.40	1253.40	1.00		0.06	0.06
DC746960	1253.40	1254.40	1.00		0.13	0.13
DC746961	1254.40	1255.40	1.00		0.05	0.05
DC746962	1255.40	1256.40	1.00		0.35	0.35
DC746963	1256.40	1257.40	1.00		0.23	0.23
DC746964	1257.40	1258.00	0.60		0.29	0.29

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
			DC746965	1258.00	1259.00	1.00		0.05	0.05
			DC746966	1259.00	1260.00	1.00		0.29	0.29
			DC746967	1260.00	1261.00	1.00		0.24	0.24
			DC746968	1261.00	1261.65	0.65		0.32	0.32
			DC746969	1261.65	1262.55	0.90		0.23	0.23
			DC746970	1262.55	1263.50	0.95		0.26	0.26
			DC746971	1263.50	1264.50	1.00		0.11	0.11
			DC746972	1264.50	1265.50	1.00		0.21	0.21
			DC746973	1265.50	1266.18	0.68		1.14	1.14
1266.18	1267.08	**I3GD** ***GABBRO DYKE.*** mafic dyke with feldspar _ fg chlorite with moderately biotite flakes and disseminated magnetite - 9.5 mag sus, several local semi concordant qtz-cb stringers, ctc 60 TCA.	DC746974	1266.18	1267.08	0.90		0.04	0.04

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From (m)	To (m)	Lithology
1267.08	1271.95	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** g, lt grey, fairly non descript, aphyric,weak foliation, faint whitish stretchd fspar xtals locally, mod potassic fracture controlled zone 1267.1-1268.37m 65 TCA + py .5-1%, accompanied by cm scale qtz fractures in places, yellowy whitish qtz-cb stringers and gashes weakly developed throughout 3-4/m. Mag sus = 7 -18. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 1267.08 - 1268.37 FK F WM
1271.95	1274.90	**I3GD** ***GABBRO DYKE.*** fg, med green, weak foliation, pervasive cb, wk qtz-cb fractures, chloritoid development at upper contact, randonly oriented porphyroblasts, mag sus very low = .5.
1274.90	1283.24	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** very similar to previous V1Z @ 1267.1 m, again very felsic, disseminated biotie, scattered areas with whitish xtals or partciles intermittant only, again fair mag response @ mag sus 4.3 - 5.7, magnetite xtals dissemiinated 1%.

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746976	1267.08	1267.67	0.59		0.03	0.03
DC746977	1267.67	1268.37	0.70		0.01	0.01
DC746978	1268.37	1269.35	0.98		0.00	0.00
DC746979	1269.35	1270.00	0.65		0.01	0.01
DC746980	1270.00	1271.00	1.00		0.00	0.00
DC746981	1271.00	1271.95	0.95		0.03	0.03

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1283.24	1284.40	**I3GD** ***GABBRO DYKE.*** fg, med green grey, ctc 55 TCA, weak-moderate cb, mad sus = .3.	DC746982	1283.40	1284.60	1.20		0.01	0.01
1284.40	1284.60	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to ptrevious 1267.1m and 1274.9m, vfg-fg, lt grey, mag sus = 9, whitish particles /xtals local.							
1284.60	1285.57	**I3GD** ***GABBRO DYKE.*** fg, med green grey, 1 mm biotite flakes and finer grained chloritie throughout a feldspathic matric, local 1 cm rpoundish fspar xtal @ 1285.20m, weak-mod pervasive cb, ctc 85 TCA. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1285.57 - 1285.57 CTC 85	DC746983	1284.60	1285.57	0.97		0.01	0.01

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From (m)	To (m)	Lithology
1285.57	1297.60	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous @ 1267.1m, 1274.9m and 1284.4m, ecept now a weak mm-cm scale wispy to streaky chloritization +/- chloritoid porphyroblasts or irregular patches developing throughout sometimes associated with local qtz-cb gashes or fractures, also local gabbroic frgments or boudinaged dyklets, @ 1288.15m a 5 cm wide qtz-cb vein 25 TCA, po/py along vn margins 3% @ 1291.40m several 4-5 cm stringers, one greyish stringer has 8 specks VG + additional 10 vfg specks 50 TCA.

Structure Maj.:	Type/Core Angle	Comment
1297.60 - 1297.60	CTC 70	

Vein Maj.:	Type/Mineral	%	ca	vg
1291.35 - 1291.65	QCV	50.0	50	18

From (m)	To (m)	Lithology
1297.60	1299.42	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** fg, lt grey, very porphyritic, 2-5mm subhedral to anhedral greysih fspar xtals 3-7% variable throughout a feldsic matrix, mag sus = 2.5 - 3.3, uphole contact mildly sheared and a bit cooked up 70 TCA.

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC746984	1285.57	1286.40	0.83		0.01	0.01
DC746985	1286.40	1287.40	1.00		0.00	0.00
DC746986	1287.40	1288.10	0.70		0.05	0.05
DC746987	1288.10	1288.67	0.57		0.30	0.30
DC746988	1288.67	1289.40	0.73		0.03	0.03
DC746989	1289.40	1290.40	1.00		0.03	0.03
DC746990	1290.40	1291.35	0.95		0.08	0.08
DC746991	1291.35	1291.65	0.30		81.85	75.00
DC746993	1291.65	1292.15	0.50		0.05	0.05
DC746994	1292.15	1293.00	0.85		0.02	0.02
DC746995	1293.00	1294.00	1.00		0.15	0.15
DC746996	1294.00	1295.00	1.00		0.01	0.01
DC746997	1295.00	1296.00	1.00		0.02	0.02
DC746998	1296.00	1296.90	0.90		0.04	0.04
DC746999	1296.90	1297.60	0.70		-	-

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1299.42	1308.10	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** simialr to previous @ 1285.6 m with a weak irregular wispy, streaky, patchy chloritization, some whitish fspar xtals/particles in an otherwise fg non descript felsic volcanic, vfg py .5%. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1308.10 - 1308.10 CTC 85							
1308.10	1308.57	**I3GD** ***GABBRO DYKE.*** fg, mm biotite flakes and finer chlorite throughout a moderately pervsive cb altered feldspathic gabbro, ctc 80 TCApy/po dissme's at uphole contact, mag sus = 0.18.							
1308.57	1308.80	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** as before @ 1297.6m.							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1308.80	1309.60	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as before @ 1285.6m and 1299.4m.							
1309.60	1310.65	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** similar to previous 1297.6, probably a block within enveoping V1Z.							
1310.65	1312.63	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as before 1299.5m with additional prophyritic A to SA V1QFP fragments some of which parially digested and creating a subtle prophyritic patches							
1312.63	1312.90	**I3GD** ***GABBRO DYKE.***							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		similar to previous @ 1308.1 m, as before with 1-2mm biotite flakes disseminated throughout, mod chlorite and weak-mod pervasive cb, mag sus = 0.23, cc 75 TCA.							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		1312.90 - 1312.90 CTC 75							
1312.90	1314.20	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***							
		as before 1285.6m, 1299.4m, 1310.7m, weak foliation.							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		1314.20 - 1314.20 CTC 75							
1314.20	1314.80	**I3GD** ***GABBRO DYKE.***							
		very simialr to I3GD @ 1312.6m, ctc 75 TCA.							
1314.80	1315.40	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***							
		as previous @ 1312.9m							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		1315.40 - 1315.40 CTC 75							

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1315.40	1315.52	**I3GD** ***GABBRO DYKE.*** very similar to previous @ 1312.6m, ctc 75 TCA.							
1315.52	1315.94	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as before @ 1312.9m, weak foliation.							
1315.94	1317.50	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous @ 1312.9m except some chloritoid development along irregular silceous + chlrotie fractures 55TCA orirregular patches, scaterred garnet <1%, mag sus = 0.15.							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1317.50	1319.30	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous @ 1312.9m except some chloritoid development along irregular silceous + chlrotie fractures 55TCA orirregular patches, scaterred garnet <1%, mag sus = 3.8 - 9.2m.							
		Mineralization Maj. : 1317.50 - 1319.30 ***Type/Style/%Mineral*** CJ F 3 ***Comment***							
1319.30	1319.56	**I3GD** ***GABBRO DYKE.*** fg, med-dk green, amphibolitic, mag sus = only 0.53.							
1319.56	1331.85	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous V1Z with moderate patchy, irregular and fracture controlled chloritoid alteration, alteration in cm patches to 30 cm wide bands, areas of chloritoid enrivchment fairly high on mag meter ranging 1.6 - 36, intervening greyish felsic volcanic 0.3 - 1.8.							
		Mineralization Maj. : 1319.56 - 1331.85 ***Type/Style/%Mineral*** CJ F 4 ***Comment*** 1-10% varaible							
1331.85	1337.20	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous V1Z @1312.9m with some minor chloritoid alteration farctures and pathces.							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 1337.20 - 1337.20 CTC 50							
1337.20	1337.53	**V1FP** ***UNDIFFERENTIATED FELSIC VOLCANIC FELDSPAR PORPHYRIE.*** fg, 1-2 mm whitish anhedral to subhedral or semi rectangular altered partially replaced fspar xta.s 2-3%, some garnet at upper contact, ctc 50 TCA.							
1337.53	1342.65	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous @ 1312.9m as in fg, lt greyish, felsic, some subtle patches of whitish particles in and out possibly fspar xtals, as well minor chloritoid as seen previously.	DC789001	1341.00	1342.00	1.00		0.03	0.03
			DC789002	1342.00	1342.65	0.65		0.06	0.06
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 1337.53 - 1342.00 CJ F 0.5							

From (m)	To (m)	Lithology
1342.65	1347.45	**API** ***ISLAND ALTERATION PACKAGE.*** not classic API by any means rather a T9ZS as in V1Z with cm scale streaks to 20 cm wide bands of silicicly altered volcanic, some silic areas take on a stockwork appearance, lcoal cm stringers 4-5 across unit, vfg disseminated py 1%, moderate fabric 50 TCA. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1342.65 - 1347.45 MDF 50 ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 1342.65 - 1347.45 SI PCH + ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 1342.65 - 1347.45 PY DIS 1
1347.45	1348.28	**I3GD** ***GABBRO DYKE.*** fg, med-dk green, chlorite, amphibole, chloritoid, very wk cb, ctc 50 and 70 up and downhole respectively, mag sus = .3.
1348.28	1348.65	**API** ***ISLAND ALTERATION PACKAGE.*** similar to previous @ 1342.7m, except including a 12 cm band of altered deformed dyke, py 1-2%, pervasive Si+, tourmaline needles, 3mm concordant stringers of qtz-cb. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1348.28 - 1348.65 MDF 70

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC789003	1342.65	1343.30	0.65		0.25	0.25
DC789004	1343.30	1343.85	0.55		0.28	0.28
DC789005	1343.85	1344.42	0.57		0.05	0.05
DC789006	1344.42	1345.30	0.88		0.36	0.36
DC789007	1345.30	1345.90	0.60		0.14	0.14
DC789008	1345.90	1346.30	0.40		0.07	0.07
DC789009	1346.30	1347.00	0.70		0.08	0.08
DC789010	1347.00	1347.45	0.45		0.03	0.03
DC789011	1347.45	1348.28	0.83		0.01	0.01
DC789012	1348.28	1348.66	0.38		0.10	0.10

LITHOLOGY REPORT
- Detailed -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1348.65	1349.00	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as before vfg-fg, lt grey, weak 1-2 mm whitish partciles or fspar xtals <1%.	DC789013	1348.66	1349.00	0.34		0.05	0.05
1349.00	1349.80	**I3GD** ***GABBRO DYKE.*** as before @ 1347.5m, again 1-2 mm med-dk amphibole xtals throughout a greyish white feldspathic rx, no cb alteration to speak of, some chlroite, chloritoid?, ctc 80 TCA. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1349.80 - 1349.80 CTC 80	DC789014	1349.00	1349.80	0.80		0.04	0.04
1349.80	1363.24	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as previous, vfg-fg, lt greyish fairly homogenous as before, intermittant patches of mm scale whitish particles or xtals, local silceous gashes accompanied by chloritoid, @1355.60-1363.2m - hairline qtz-cb fractures developing up to 8/m, 50-70 TCA, @1356.70m a 15 cm moderately siliceous deformated band of rx 60 TCA. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1356.70 - 1356.85 MDF 60	DC789015	1349.80	1350.80	1.00		0.01	0.01
			DC789016	1356.70	1357.10	0.40		0.00	0.00

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

1363.24 1364.30 **V1FP** ***UNDIFFERENTIATED FELSIC VOLCANIC FELDSPAR PORPHYRIE.***

very similar to previous @ 1337.2m. Weak foliation 60 TCA.

Structure Maj.:	*Type/Core Angle*	*Comment*
1363.24 - 1364.30	SC1 60	

1364.30 1372.53 **API** ***ISLAND ALTERATION PACKAGE.***

a very lt greyish to whitish silicic banded rx with mod deformation 55 TCA, silcic bands with thinner alternating less silicic more biotitic layers, vfg py dissmenated 1%, two concordant greyish stringers @ 1372 and 1372.1m.

Structure Maj.:	*Type/Core Angle*	*Comment*
1364.30 - 1372.53	MDF 55	

Alteration Maj:	*Type/Style/Intensity*	*Comment*
1364.30 - 1372.53	SI B MS	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
1364.30 - 1372.40	PY DIS 1	

1372.53 1381.40 **V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.***

as before @ 1312.9m.

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1381.40	1382.50	**I3GD** ***GABBRO DYKE.*** fg, dark green, amphibolitic with chlrite and bitoite, ctc 55 TCA, mag sus 0.5.							
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 1381.40 - 1382.50 CTC 55							
1382.50	1413.55	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** as before @ 1312.9m, lt grey vfg-fg, faint whitish particles/xtals in small intermittant patches, dissem'd biotitie 2-3%, chlorite 1-2%, py <<1%, wispy biotitic particles, generally v wk foliation locally higher 55 TCA, local gabbroic like fragments @ 1382.5, 1383.30 ans 1386 m very similar to previous I3GD but these are distinct frgments so relationship?							
1413.55	1414.30	**V1QFP** ***UNDIFFERENTIATED FELSIC VOLCANIC QUARTZ-FELDSPAR PORPHYRY.*** very prophyritic rx, massive, possible dyke, fspar 1-2mm anhedral-subhedral 3-7%, clear tp greyish qtz eye <1%.							

LITHOLOGY REPORT
- Detailed -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1414.30	1417.00	**V1Z** ***FELSIC VOLCANIC UNDIFFERENTIATED.*** similar to previous @ 1382.5 - 1413.6m.							

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
37.80	38.80	1.00	DC746701		0.00	0.00	0.00	0.00	
38.80	39.38	0.58	DC746702		0.00	0.00	0.00	0.00	
39.38	39.70	0.32	DC746703		0.00	0.00	0.00	0.00	
39.70	40.25	0.55	DC746704		0.00	0.00	0.00	0.00	
46.72	47.20	0.48	DC746711		0.00	0.00	0.00	0.00	
47.20	48.20	1.00	DC746712		0.00	0.00	0.00	0.00	
48.20	49.23	1.03	DC746713		0.00	0.00	0.00	0.00	
49.23	50.30	1.07	DC746714		0.01	0.01	0.00	0.00	
59.80	60.33	0.53	DC746705		0.01	0.01	0.00	0.00	
60.33	61.08	0.75	DC746706		0.01	0.01	0.00	0.00	
61.08	61.57	0.49	DC746707		0.01	0.01	0.00	0.00	
61.57	62.14	0.57	DC746708		0.01	0.01	0.00	0.00	
73.85	74.52	0.67	DC746709		0.00	0.00	0.00	0.00	
74.52	75.20	0.68	DC746710		0.01	0.01	0.00	0.00	
89.48	90.31	0.83	DC746715		0.00	0.00	0.00	0.00	
95.48	96.00	0.52	DC746716		0.03	0.03	0.00	0.00	
127.00	127.55	0.55	DC746717		0.00	0.00	0.00	0.00	
223.25	224.25	1.00	DC746718		0.00	0.00	0.00	0.00	
224.25	225.25	1.00	DC746719		0.01	0.01	0.00	0.00	
225.25	226.25	1.00	DC746720		0.01	0.01	0.00	0.00	
226.25	226.90	0.65	DC746721		0.01	0.01	0.00	0.00	
226.90	227.90	1.00	DC746722		0.00	0.00	0.00	0.00	
227.90	228.90	1.00	DC746731		0.00	0.00	0.00	0.00	
228.90	229.90	1.00	DC746732		0.00	0.00	0.00	0.00	
229.90	230.90	1.00	DC746733		0.00	0.00	0.00	0.00	
271.00	272.00	1.00	DC746723		0.00	0.00	0.00	0.00	
272.00	272.40	0.40	DC746724		0.00	0.00	0.00	0.00	
272.40	273.00	0.60	DC746726		0.01	0.01	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
273.00	273.60	0.60	DC746727		0.00	0.00	0.00	0.00	
273.60	274.45	0.85	DC746728		0.00	0.00	0.00	0.00	
274.45	275.45	1.00	DC746729		0.00	0.00	0.00	0.00	
275.45	276.00	0.55	DC746730		0.45	0.45	0.00	0.00	
276.00	277.10	1.10	DC746734		0.00	0.00	0.00	0.00	
277.10	278.00	0.90	DC746735		0.00	0.00	0.00	0.00	
278.00	279.00	1.00	DC746736		0.02	0.02	0.00	0.00	
279.00	280.00	1.00	DC746737		0.00	0.00	0.00	0.00	
280.00	281.00	1.00	DC746738		0.00	0.00	0.00	0.00	
330.00	331.00	1.00	DC746739		0.00	0.00	0.00	0.00	
331.00	332.00	1.00	DC746740		0.00	0.00	0.00	0.00	
332.00	332.60	0.60	DC746741		0.00	0.00	0.00	0.00	
332.60	333.50	0.90	DC746742		0.00	0.00	0.00	0.00	
333.50	333.90	0.40	DC746743		0.00	0.00	0.00	0.00	
333.90	334.90	1.00	DC746744		0.00	0.00	0.00	0.00	
334.90	335.90	1.00	DC746745		0.00	0.00	0.00	0.00	
335.90	336.90	1.00	DC746746		0.00	0.00	0.00	0.00	
336.90	337.70	0.80	DC746747		0.00	0.00	0.00	0.00	
337.70	338.40	0.70	DC746748		0.00	0.00	0.00	0.00	
338.40	338.60	0.20	DC746749		0.00	0.00	0.00	0.00	
338.60	339.60	1.00	DC746751		0.00	0.00	0.00	0.00	
339.60	340.68	1.08	DC746752		0.00	0.00	0.00	0.00	
340.68	341.06	0.38	DC746753		0.00	0.00	0.00	0.00	
341.06	342.00	0.94	DC746754		0.00	0.00	0.00	0.00	
369.00	369.30	0.30	DC746755		0.01	0.01	0.00	0.00	
369.30	370.20	0.90	DC746756		0.01	0.01	0.00	0.00	
370.20	371.00	0.80	DC746757		0.00	0.00	0.00	0.00	
371.00	371.60	0.60	DC746758		0.00	0.00	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
371.60	372.52	0.92	DC746759		0.00	0.00	0.00	0.00	
372.52	373.00	0.48	DC746760		0.00	0.00	0.00	0.00	
393.75	394.60	0.85	DC746761		0.00	0.00	0.00	0.00	
394.60	395.60	1.00	DC746762		0.01	0.01	0.00	0.00	
395.60	396.60	1.00	DC746763		0.01	0.01	0.00	0.00	
396.60	397.60	1.00	DC746764		0.01	0.01	0.00	0.00	
397.60	398.60	1.00	DC746765		0.00	0.00	0.00	0.00	
398.60	399.60	1.00	DC746766		0.00	0.00	0.00	0.00	
399.60	400.60	1.00	DC746767		0.00	0.00	0.00	0.00	
400.60	400.98	0.38	DC746768		0.01	0.01	0.00	0.00	
400.98	401.27	0.29	DC746769		0.01	0.01	0.00	0.00	
401.27	402.00	0.73	DC746770		0.01	0.01	0.00	0.00	
402.00	403.00	1.00	DC746771		0.00	0.00	0.00	0.00	
403.00	404.00	1.00	DC746772		0.01	0.01	0.00	0.00	
404.00	405.00	1.00	DC746773		0.01	0.01	0.00	0.00	
405.00	406.00	1.00	DC746774		0.01	0.01	0.00	0.00	
406.00	406.60	0.60	DC746776		0.01	0.01	0.00	0.00	
406.60	407.45	0.85	DC746777		0.00	0.00	0.00	0.00	
407.45	408.00	0.55	DC746778		0.01	0.01	0.00	0.00	
420.30	421.08	0.78	DC746779		0.01	0.01	0.00	0.00	
421.08	421.70	0.62	DC746780		0.01	0.01	0.00	0.00	
421.70	422.22	0.52	DC746781		0.00	0.00	0.00	0.00	
422.22	423.10	0.88	DC746782		0.01	0.01	0.00	0.00	
423.10	424.10	1.00	DC746783		0.00	0.00	0.00	0.00	
438.00	438.50	0.50	DC746784		0.01	0.01	0.00	0.00	
438.50	439.50	1.00	DC746785		0.00	0.00	0.00	0.00	
439.50	439.80	0.30	DC746786		0.02	0.02	0.00	0.00	
439.80	440.80	1.00	DC746787		0.00	0.00	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
440.80	441.80	1.00	DC746788		0.00	0.00	0.00	0.00	
441.80	442.08	0.28	DC746789		0.00	0.00	0.00	0.00	
442.08	442.38	0.30	DC746790		0.07	0.07	0.00	0.00	
442.38	442.90	0.52	DC746791		0.00	0.00	0.00	0.00	
442.90	443.55	0.65	DC746792		0.00	0.00	0.00	0.00	
443.55	444.55	1.00	DC746793		0.00	0.00	0.00	0.00	
444.55	445.35	0.80	DC746794		0.01	0.01	0.00	0.00	
445.35	445.75	0.40	DC746795		0.00	0.00	0.00	0.00	
445.75	460.80	15.05	DC746796		0.00	0.00	0.00	0.00	
460.80	461.90	1.10	DC746797		0.10	0.10	0.00	0.00	
461.90	462.50	0.60	DC746798		0.00	0.00	0.00	0.00	
487.40	488.00	0.60	DC746799		0.00	0.00	0.00	0.00	
488.00	488.90	0.90	DC746801		0.00	0.00	0.00	0.00	
488.90	489.90	1.00	DC746802		0.00	0.00	0.00	0.00	
489.90	490.90	1.00	DC746803		0.00	0.00	0.00	0.00	
490.90	491.90	1.00	DC746804		0.00	0.00	0.00	0.00	
491.90	492.38	0.48	DC746805		0.00	0.00	0.00	0.00	
492.38	492.78	0.40	DC746806		0.01	0.01	0.00	0.00	
492.78	493.58	0.80	DC746807		0.01	0.01	0.00	0.00	
493.58	494.30	0.72	DC746808		0.01	0.01	0.00	0.00	
494.30	495.00	0.70	DC746809		0.01	0.01	0.00	0.00	
495.00	495.58	0.58	DC746810		0.01	0.01	0.00	0.00	
495.58	496.35	0.77	DC746811		0.03	0.03	0.00	0.00	
496.35	497.35	1.00	DC746812		0.03	0.03	0.00	0.00	
497.35	498.39	1.04	DC746813		0.01	0.01	0.00	0.00	
498.39	499.15	0.76	DC746814		0.00	0.00	0.00	0.00	
499.15	500.00	0.85	DC746816		0.01	0.01	0.00	0.00	
500.00	500.60	0.60	DC746817		0.00	0.00	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
500.60	501.22	0.62	DC746818		0.00	0.00	0.00	0.00	
501.22	502.05	0.83	DC746819		0.00	0.00	0.00	0.00	
502.05	502.92	0.87	DC746820		0.00	0.00	0.00	0.00	
502.92	504.00	1.08	DC746821		0.02	0.02	0.00	0.00	
504.00	505.00	1.00	DC746822		0.01	0.01	0.00	0.00	
505.00	506.00	1.00	DC746823		0.02	0.02	0.00	0.00	
506.00	506.75	0.75	DC746824		0.01	0.01	0.00	0.00	
511.70	512.40	0.70	DC746826		0.00	0.00	0.00	0.00	
512.40	512.80	0.40	DC746827		0.00	0.00	0.00	0.00	
512.80	513.62	0.82	DC746828		0.00	0.00	0.00	0.00	
518.70	519.15	0.45	DC746829		0.10	0.10	0.00	0.00	
534.00	534.75	0.75	DC746830		0.00	0.00	0.00	0.00	
534.75	535.60	0.85	DC746831		0.00	0.00	0.00	0.00	
535.60	536.40	0.80	DC746832		0.00	0.00	0.00	0.00	
536.40	537.40	1.00	DC746833		0.00	0.00	0.00	0.00	
537.40	538.40	1.00	DC746834		0.00	0.00	0.00	0.00	
538.40	539.40	1.00	DC746835		0.00	0.00	0.00	0.00	
639.00	639.50	0.50	DC746836		0.01	0.01	0.00	0.00	
639.50	639.80	0.30	DC746837		0.01	0.01	0.00	0.00	
639.80	640.80	1.00	DC746838		0.00	0.00	0.00	0.00	
640.80	641.10	0.30	DC746839		0.01	0.01	0.00	0.00	
641.10	641.60	0.50	DC746840		0.04	0.04	0.00	0.00	
641.60	642.34	0.74	DC746841		0.01	0.01	0.00	0.00	
642.34	643.00	0.66	DC746842		0.00	0.00	0.00	0.00	
730.75	731.75	1.00	DC746843		0.01	0.01	0.00	0.00	
731.75	732.38	0.63	DC746844		0.00	0.00	0.00	0.00	
732.38	733.38	1.00	DC746845		0.00	0.00	0.00	0.00	
733.38	734.38	1.00	DC746846		0.00	0.00	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
734.38	735.00	0.62	DC746847		0.00	0.00	0.00	0.00	
735.00	735.92	0.92	DC746848		0.00	0.00	0.00	0.00	
735.92	739.24	3.32	DC746849		0.00	0.00	0.00	0.00	
739.24	740.24	1.00	DC746851		0.00	0.00	0.00	0.00	
768.00	769.00	1.00	DC746852		0.01	0.01	0.00	0.00	
769.00	769.72	0.72	DC746853		0.00	0.00	0.00	0.00	
769.72	770.26	0.54	DC746854		0.01	0.01	0.00	0.00	
770.26	771.00	0.74	DC746855		0.00	0.00	0.00	0.00	
771.00	772.00	1.00	DC746856		0.00	0.00	0.00	0.00	
772.00	772.82	0.82	DC746857		0.00	0.00	0.00	0.00	
772.82	773.26	0.44	DC746858		0.00	0.00	0.00	0.00	
773.26	774.20	0.94	DC746859		0.00	0.00	0.00	0.00	
774.20	775.20	1.00	DC746860		0.00	0.00	0.00	0.00	
793.10	794.10	1.00	DC746861		0.00	0.00	0.00	0.00	
794.10	795.00	0.90	DC746862		0.02	0.02	0.00	0.00	
795.00	796.00	1.00	DC746863		0.01	0.01	0.00	0.00	
796.00	796.60	0.60	DC746864		0.01	0.01	0.00	0.00	
896.93	897.60	0.67	DC746865		0.01	0.01	0.00	0.00	
897.60	898.20	0.60	DC746866		0.01	0.01	0.00	0.00	
954.45	955.10	0.65	DC746867		0.00	0.00	0.00	0.00	
955.10	956.15	1.05	DC746868		0.00	0.00	0.00	0.00	
956.15	957.26	1.11	DC746869		0.01	0.01	0.00	0.00	
957.26	958.25	0.99	DC746870		0.03	0.03	0.00	0.00	
958.25	959.00	0.75	DC746871		0.02	0.02	0.00	0.00	
959.00	960.00	1.00	DC746872		0.01	0.01	0.00	0.00	
960.00	960.90	0.90	DC746873		0.09	0.09	0.00	0.00	
960.90	961.70	0.80	DC746874		0.04	0.04	0.00	0.00	
961.70	962.35	0.65	DC746876		0.02	0.02	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
962.35	962.90	0.55	DC746877		0.15	0.15	0.00	0.00	
962.90	963.66	0.76	DC746878		0.02	0.02	0.00	0.00	
963.66	964.30	0.64	DC746879		0.07	0.07	0.00	0.00	
964.30	965.00	0.70	DC746880		0.43	0.43	0.00	0.00	
965.00	965.75	0.75	DC746881		0.05	0.05	0.00	0.00	
965.75	966.30	0.55	DC746882		0.00	0.00	0.00	0.00	
966.30	967.30	1.00	DC746883		0.00	0.00	0.00	0.00	
1034.75	1035.15	0.40	DC746892		0.01	0.01	0.00	0.00	
1044.00	1044.95	0.95	DC746884		0.01	0.01	0.00	0.00	
1044.95	1045.49	0.54	DC746885		0.02	0.02	0.00	0.00	
1045.49	1046.00	0.51	DC746886		0.79	0.79	0.00	0.00	
1046.00	1046.65	0.65	DC746887		0.04	0.04	0.00	0.00	
1046.65	1047.60	0.95	DC746888		0.01	0.01	0.00	0.00	
1047.60	1048.00	0.40	DC746889		0.19	0.19	0.00	0.00	
1048.00	1048.70	0.70	DC746890		0.01	0.01	0.00	0.00	
1048.70	1049.25	0.55	DC746891		0.00	0.00	0.00	0.00	
1096.00	1096.80	0.80	DC746893		0.05	0.05	0.00	0.00	
1096.80	1097.80	1.00	DC746894		0.03	0.03	0.00	0.00	
1097.80	1098.80	1.00	DC746895		0.00	0.00	0.00	0.00	
1098.80	1099.80	1.00	DC746896		0.01	0.01	0.00	0.00	
1099.80	1100.23	0.43	DC746897		0.01	0.01	0.00	0.00	
1100.25	1100.80	0.55	DC742001		0.00	0.00	0.00	0.00	
1100.80	1101.36	0.56	DC742002		0.04	0.04	0.00	0.00	
1101.36	1101.90	0.54	DC742003		269.65	75.00	0.00	0.00	corrected copy received 05/01/2015
1101.90	1102.63	0.73	DC742005		0.40	0.40	0.00	0.00	
1102.63	1103.40	0.77	DC742006		0.12	0.12	0.00	0.00	
1103.40	1104.00	0.60	DC742007		0.00	0.00	0.00	0.00	
1104.00	1105.00	1.00	DC746898		0.00	0.00	0.00	0.00	

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	To (m)	Length (m)	Sample #	Zone Name	Aufin (ppm)	Aufinc (ppm)	%Sulphur	%Veins	Comments
1105.00	1106.00	1.00	DC746899		0.01	0.01	0.00	0.00	
1106.00	1107.00	1.00	DC746901		0.01	0.01	0.00	0.00	
1107.55	1171.20	63.65	DC746902		0.06	0.06	0.00	0.00	
1171.20	1171.82	0.62	DC746903		0.02	0.02	0.00	0.00	
1171.82	1172.65	0.83	DC742008		0.00	0.00	0.00	0.00	
1172.65	1173.25	0.60	DC742009		2.40	2.40	0.00	0.00	
1173.25	1173.75	0.50	DC742010		1.32	1.32	0.00	0.00	
1173.75	1174.25	0.50	DC742011		14.20	14.20	0.00	0.00	
1174.25	1174.70	0.45	DC742013		36.48	36.48	0.00	0.00	
1174.70	1175.10	0.40	DC742015		0.92	0.92	0.00	0.00	
1175.10	1176.00	0.90	DC742016		0.00	0.00	0.00	0.00	
1176.00	1177.00	1.00	DC742017		0.00	0.00	0.00	0.00	
1177.00	1178.00	1.00	DC746904		2.29	2.29	0.00	0.00	
1178.00	1179.00	1.00	DC746905		0.00	0.00	0.00	0.00	
1179.00	1180.00	1.00	DC746906		0.01	0.01	0.00	0.00	
1180.00	1181.00	1.00	DC746907		0.01	0.01	0.00	0.00	
1181.00	1181.54	0.54	DC746908		0.01	0.01	0.00	0.00	
1181.54	1182.45	0.91	DC746909		0.07	0.07	0.00	0.00	
1182.45	1182.75	0.30	DC746910		0.47	0.47	0.00	0.00	
1182.75	1183.50	0.75	DC746911		0.04	0.04	0.00	0.00	
1183.50	1184.50	1.00	DC746912		0.01	0.01	0.00	0.00	
1201.70	1202.70	1.00	DC746913		0.14	0.14	0.00	0.00	
1202.70	1203.70	1.00	DC746914		0.68	0.68	0.00	0.00	
1203.70	1204.70	1.00	DC746915		0.26	0.26	0.00	0.00	
1204.70	1205.70	1.00	DC746916		0.06	0.06	0.00	0.00	
1205.70	1206.00	0.30	DC746917		0.00	0.00	0.00	0.00	
1206.00	1207.00	1.00	DC742018		0.00	0.00	0.00	0.00	
1207.00	1207.52	0.52	DC742019		0.16	0.16	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
1207.52	1208.20	0.68	DC742020		1.92	1.92	0.00	0.00	
1208.20	1208.80	0.60	DC742021		36.28	36.28	0.00	0.00	
1208.80	1209.40	0.60	DC742022		3.68	3.68	0.00	0.00	
1209.40	1210.32	0.92	DC742023		2.72	2.72	0.00	0.00	
1210.32	1210.85	0.53	DC742024		284.18	75.00	0.00	0.00	
1210.85	1211.45	0.60	DC742025		33.84	33.84	0.00	0.00	
1211.45	1211.90	0.45	DC742026		36.76	36.76	0.00	0.00	
1211.90	1212.30	0.40	DC742027		7.32	7.32	0.00	0.00	
1212.30	1213.00	0.70	DC742028		6.84	6.84	0.00	0.00	
1213.00	1213.75	0.75	DC742029		10.04	10.04	0.00	0.00	
1213.75	1214.35	0.60	DC742030		14.00	14.00	0.00	0.00	
1214.35	1214.70	0.35	DC742031		0.16	0.16	0.00	0.00	
1214.70	1215.20	0.50	DC742032		68.86	68.86	0.00	0.00	
1215.20	1215.70	0.50	DC742034		2.88	2.88	0.00	0.00	
1215.70	1216.40	0.70	DC742035		8.00	8.00	0.00	0.00	
1216.40	1217.00	0.60	DC742036		12.36	12.36	0.00	0.00	
1217.00	1217.48	0.48	DC742037		21.52	21.52	0.00	0.00	
1217.48	1218.00	0.52	DC742038		0.20	0.20	0.00	0.00	
1218.00	1219.00	1.00	DC742039		0.12	0.12	0.00	0.00	
1219.00	1220.00	1.00	DC746918		0.31	0.31	0.00	0.00	
1220.00	1221.00	1.00	DC746919		0.04	0.04	0.00	0.00	
1221.00	1222.00	1.00	DC746920		0.20	0.20	0.00	0.00	
1222.00	1223.00	1.00	DC746921		0.08	0.08	0.00	0.00	
1223.00	1224.00	1.00	DC746922		0.07	0.07	0.00	0.00	
1224.00	1225.00	1.00	DC746923		0.29	0.29	0.00	0.00	
1225.00	1226.00	1.00	DC746924		0.01	0.01	0.00	0.00	
1226.00	1226.66	0.66	DC746925		0.02	0.02	0.00	0.00	
1226.66	1227.35	0.69	DC746926		0.00	0.00	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To (m)*	*Length (m)*	*Sample #*	*Zone Name*	*Aufin (ppm)*	*Aufinc (ppm)*	*%Sulphur*	*%Veins*	*Comments*
1227.35	1228.00	0.65	DC746927		0.07	0.07	0.00	0.00	
1228.00	1229.00	1.00	DC746928		0.13	0.13	0.00	0.00	
1229.00	1229.35	0.35	DC746929		4.70	4.70	0.00	0.00	
1229.35	1229.73	0.38	DC746930		6.86	6.86	0.00	0.00	
1229.73	1230.75	1.02	DC746932		0.83	0.83	0.00	0.00	
1230.75	1231.30	0.55	DC746933		0.01	0.01	0.00	0.00	
1231.30	1232.00	0.70	DC746934		0.03	0.03	0.00	0.00	
1232.00	1232.75	0.75	DC746935		0.02	0.02	0.00	0.00	
1232.75	1233.40	0.65	DC746936		0.03	0.03	0.00	0.00	
1233.40	1234.00	0.60	DC746937		0.01	0.01	0.00	0.00	
1234.00	1235.00	1.00	DC746938		0.06	0.06	0.00	0.00	
1235.00	1236.00	1.00	DC746939		0.04	0.04	0.00	0.00	
1236.00	1237.00	1.00	DC746940		0.61	0.61	0.00	0.00	
1237.00	1238.00	1.00	DC746941		0.29	0.29	0.00	0.00	
1238.00	1238.60	0.60	DC746942		0.02	0.02	0.00	0.00	
1238.60	1239.10	0.50	DC746943		0.02	0.02	0.00	0.00	
1239.10	1240.00	0.90	DC746944		0.02	0.02	0.00	0.00	
1240.00	1241.00	1.00	DC746945		0.15	0.15	0.00	0.00	
1241.00	1242.00	1.00	DC746946		0.06	0.06	0.00	0.00	
1242.00	1243.00	1.00	DC746947		0.06	0.06	0.00	0.00	
1243.00	1243.82	0.82	DC746948		0.02	0.02	0.00	0.00	
1243.82	1244.36	0.54	DC746949		6.72	6.72	0.00	0.00	
1244.36	1244.83	0.47	DC746950		0.04	0.04	0.00	0.00	
1244.83	1245.60	0.77	DC746951		0.09	0.09	0.00	0.00	
1245.60	1246.40	0.80	DC746952		0.03	0.03	0.00	0.00	
1246.40	1247.40	1.00	DC746953		0.27	0.27	0.00	0.00	
1247.40	1248.40	1.00	DC746954		0.04	0.04	0.00	0.00	
1248.40	1249.40	1.00	DC746955		0.04	0.04	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
1249.40	1250.40	1.00	DC746956		0.05	0.05	0.00	0.00	
1250.40	1251.40	1.00	DC746957		0.05	0.05	0.00	0.00	
1251.40	1252.40	1.00	DC746958		0.07	0.07	0.00	0.00	
1252.40	1253.40	1.00	DC746959		0.06	0.06	0.00	0.00	
1253.40	1254.40	1.00	DC746960		0.13	0.13	0.00	0.00	
1254.40	1255.40	1.00	DC746961		0.05	0.05	0.00	0.00	
1255.40	1256.40	1.00	DC746962		0.35	0.35	0.00	0.00	
1256.40	1257.40	1.00	DC746963		0.23	0.23	0.00	0.00	
1257.40	1258.00	0.60	DC746964		0.29	0.29	0.00	0.00	
1258.00	1259.00	1.00	DC746965		0.05	0.05	0.00	0.00	
1259.00	1260.00	1.00	DC746966		0.29	0.29	0.00	0.00	
1260.00	1261.00	1.00	DC746967		0.24	0.24	0.00	0.00	
1261.00	1261.65	0.65	DC746968		0.32	0.32	0.00	0.00	
1261.65	1262.55	0.90	DC746969		0.23	0.23	0.00	0.00	
1262.55	1263.50	0.95	DC746970		0.26	0.26	0.00	0.00	
1263.50	1264.50	1.00	DC746971		0.11	0.11	0.00	0.00	
1264.50	1265.50	1.00	DC746972		0.21	0.21	0.00	0.00	
1265.50	1266.18	0.68	DC746973		1.14	1.14	0.00	0.00	
1266.18	1267.08	0.90	DC746974		0.04	0.04	0.00	0.00	
1267.08	1267.67	0.59	DC746976		0.03	0.03	0.00	0.00	
1267.67	1268.37	0.70	DC746977		0.01	0.01	0.00	0.00	
1268.37	1269.35	0.98	DC746978		0.00	0.00	0.00	0.00	
1269.35	1270.00	0.65	DC746979		0.01	0.01	0.00	0.00	
1270.00	1271.00	1.00	DC746980		0.00	0.00	0.00	0.00	
1271.00	1271.95	0.95	DC746981		0.03	0.03	0.00	0.00	
1283.40	1284.60	1.20	DC746982		0.01	0.01	0.00	0.00	
1284.60	1285.57	0.97	DC746983		0.01	0.01	0.00	0.00	
1285.57	1286.40	0.83	DC746984		0.01	0.01	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
1286.40	1287.40	1.00	DC746985		0.00	0.00	0.00	0.00	
1287.40	1288.10	0.70	DC746986		0.05	0.05	0.00	0.00	
1288.10	1288.67	0.57	DC746987		0.30	0.30	0.00	0.00	
1288.67	1289.40	0.73	DC746988		0.03	0.03	0.00	0.00	
1289.40	1290.40	1.00	DC746989		0.03	0.03	0.00	0.00	
1290.40	1291.35	0.95	DC746990		0.08	0.08	0.00	0.00	
1291.35	1291.65	0.30	DC746991		81.85	75.00	0.00	0.00	
1291.65	1292.15	0.50	DC746993		0.05	0.05	0.00	0.00	
1292.15	1293.00	0.85	DC746994		0.02	0.02	0.00	0.00	
1293.00	1294.00	1.00	DC746995		0.15	0.15	0.00	0.00	
1294.00	1295.00	1.00	DC746996		0.01	0.01	0.00	0.00	
1295.00	1296.00	1.00	DC746997		0.02	0.02	0.00	0.00	
1296.00	1296.90	0.90	DC746998		0.04	0.04	0.00	0.00	
1296.90	1297.60	0.70	DC746999		-	-	0.00	0.00	
1341.00	1342.00	1.00	DC789001		0.03	0.03	0.00	0.00	
1342.00	1342.65	0.65	DC789002		0.06	0.06	0.00	0.00	
1342.65	1343.30	0.65	DC789003		0.25	0.25	0.00	0.00	
1343.30	1343.85	0.55	DC789004		0.28	0.28	0.00	0.00	
1343.85	1344.42	0.57	DC789005		0.05	0.05	0.00	0.00	
1344.42	1345.30	0.88	DC789006		0.36	0.36	0.00	0.00	
1345.30	1345.90	0.60	DC789007		0.14	0.14	0.00	0.00	
1345.90	1346.30	0.40	DC789008		0.07	0.07	0.00	0.00	
1346.30	1347.00	0.70	DC789009		0.08	0.08	0.00	0.00	
1347.00	1347.45	0.45	DC789010		0.03	0.03	0.00	0.00	
1347.45	1348.28	0.83	DC789011		0.01	0.01	0.00	0.00	
1348.28	1348.66	0.38	DC789012		0.10	0.10	0.00	0.00	
1348.66	1349.00	0.34	DC789013		0.05	0.05	0.00	0.00	
1349.00	1349.80	0.80	DC789014		0.04	0.04	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-01C** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
1349.80	1350.80	1.00	DC789015		0.01	0.01	0.00	0.00	
1356.70	1357.10	0.40	DC789016		0.00	0.00	0.00	0.00	

Distance (m)	Sample #	Sample Type	Duplicate of	Standard name	Laboratory
272.40	DC746725	Standard		SH69	Actlabs
338.60	DC746750	Standard		SI64	Actlabs
406.00	DC746775	Standard		SH69	Actlabs
488.00	DC746800	Standard		SN75	Actlabs
499.15	DC746815	Blank			Actlabs
506.75	DC746825	Standard		SK78	Actlabs
739.24	DC746850	Standard		SP59	Actlab
961.70	DC746875	Standard		SI64	Actlabs
1101.90	DC742004	Blank			Actlab
1106.00	DC746900	Standard		SN75	Actlabs
1174.25	DC742012	Blank			Actlab
1174.70	DC742014	Blank			Actlab
1215.20	DC742033	Blank			Actlab
1219.00	DC742040	Standard		SQ83	Actlab
1229.35	DC746931	Blank			Actlabs
1266.18	DC746975	Standard		SI64	
1267.08	DC746975	Standard		SH69	Actlabs
1291.65	DC746992	Blank			Actlabs
1297.60	DC747000	Standard		SN75	Actlabs
1357.10	DC789017	Blank			Actlabs

DRILL HOLE REPORT

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Drilling

Azimuth:	8.80
Dip:	-67.40
Length:	1185.00
Started:	14-Dec-14
Completed:	
Logged:	26-Apr-15
Target	Extension 2 - 15500, 4500 El
Comment:	Planned at 1190m Completed to Ultimate Depth of 1185 m's according to the records Hole Length according to Simon Urbain 1183.69 meters.

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	NQ
Storage:	Island Gold Mine
Section:	
Hole Type	SEXP

Location

Township:	FINAN
Claim No.:	
NTS:	42C/02
Hole:	Surface

Other

Logged by:	S. Urbain
Relog by:	
Contractor:	
Company	
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contra	
Left in hole:	
Making water:	
Multi shot survey:	

Coordinate

Coordinate - Gemc		Coordinate - UTM		Mine		Variable	
East:	15539.7	**East:**	0	**East:**	15539.7	**East:**	0
North:	4050.3	**North:**	0	**North:**	4050.3	**North:**	0
Elev.:	5386	**Elev.:**	0	**Elev.:**	5386	**Elev.:**	0
		Zone:	16				
		NAD:	NAD83				

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	8.80	-67.40	C	☑	
39.00	358.30	-77.90	F	☑	
69.00	359.50	-77.60	F	☑	
99.00	358.80	-77.20	F	☑	
129.00	359.80	-76.80	F	☑	
159.00	3.40	-76.70	F	☑	
189.00	0.40	-76.80	F	☑	
219.00	4.10	-76.20	F	☑	
249.00	4.70	-75.60	F	☑	
279.00	3.70	-75.10	F	☑	
309.00	5.20	-74.30	F	☑	
339.00	9.30	-73.50	F	☑	
369.00	6.60	-73.20	F	☑	

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
399.00	5.30	-73.00	F	☑	
429.00	5.70	-72.00	F	☑	
459.00	6.80	-71.30	F	☑	
489.00	8.60	-71.00	F	☑	
519.00	6.70	-70.80	F	☑	
549.00	8.20	-70.50	F	☑	
579.00	5.30	-69.80	F	☑	
609.00	6.00	-69.40	F	☑	
639.00	8.00	-68.80	F	☑	
669.00	8.80	-68.70	F	☑	
699.00	8.90	-68.50	F	☑	
729.00	9.20	-67.80	F	☑	
759.00	8.80	-67.40	F	☑	
789.00	8.40	-67.00	F	☑	

HEADER REPORT

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
819.00	7.80	-66.70		☑	
849.00	8.80	-66.40		☑	
879.00	8.30	-66.00		☑	
909.00	8.90	-65.70		☑	
939.00	9.40	-65.30		☑	
969.00	9.10	-65.10		☑	
999.00	8.80	-64.90		☑	
1029.00	7.30	-64.50		☑	
1059.00	10.40	-64.60		☑	
1089.00	9.80	-64.30		☑	
1100.00	11.30	-64.70		☑	
1149.00	10.70	-64.90		☑	
1179.00	11.90	-64.40		☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
0.00	28.00	**OB** ***Overburden*** Overburden							
28.00	36.13	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** Grey to greenish-grey, very fine grained to aphanitic groundmass Felsic with a very weak CL alteration darkening the rock 1-2% anhedral pale slightly diffused FP phenocrysts 4-5% QZ eyes, translucid, rare blue QZ eyes Tr of fine diss PY, <1% QZ-CB veinlets in all directions, a few of them with a beige (K+?) alt. around @28.32-32.50m, no fabric developped, @32.5-33.50m weak deformation at 50° TCA, increasing toward a very altered shear zone(?) @32.5-36.13m, FP phenocrysts absent, 1-2% dark QZ grains, @33.5-34.0m, intense deformation at 60° TCA, beige (K+ alt.) 10% wispy particles of CL // to the deofmration, 5% QZ-CB veinlets // to the foliation with a CL alteration of their wallrock over 2-3mm @35.24-35.38m, idem around a 5cm thick QZ-CB veinlet at 50° TCA 34.22-34.4m, idem							

Structure Maj.:	*Type/Core Angle*	*Comment*
32.50 - 33.50	WDF 50	
33.50 - 34.00	IDF 50	
34.00 - 36.13	WDF 50	
36.13 - 36.13	CTC 70	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
36.13	40.75	**I1QP** ***Felsic QZ Porphyritic Intrusive***							

Bright orange aphanitic groundmass
Groundmass is intensely slicified, a strong K+ or HM alt. is also present
5% 1-2mm translucid QZ grains, 3-4% diss CL grains, rare blue QZ eyes
Rare fracture in all directions filled with CB and or CL
Sharp and straight contacts at 70° TCA
No fabric is developped but every 3-4cm , 1-2mm pale bleached-looking diffused laminations very straight at 75° TCA, the CL-CB fracture filled xcut this structure
36.13-37.00m, 7% CL-CB fractures, more abundant near the upper contact

Structure Maj.:	***Type/Core Angle***	***Comment***
40.75 - 40.75	CTC 70	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
40.75	45.52	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic***							

Idem to previous V1QFP
No fabric is developped

Structure Maj.:	***Type/Core Angle***	***Comment***
45.52 - 45.52	CTC 15	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
45.52	46.66	**I3G** ***Gabbro***							

Green, greyish, medium grained groundmass
Half chloritite, half white 1mm carbonatised grains
<1% diss 1-2mm often cubic PY, rare 1mm thick CB veinlets, random orientation
Upper contact is sharp but deformed, about 15° TCA, strong CL alt. vfg no CB near it
lower contact at 30° TCA
No fabric developped

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

46.41-46.66m, fine grained WDF 70° TCA, 10% thin QZ-CB veinlets // foliation

Structure Maj.:	Type/Core Angle	Comment
46.41 - 46.66	WDF 70	
46.66 - 46.66	CTC 30	

46.66 63.66 **V1QFP** ***Felsic QZ-FP Porphyritic Volcanic***

Grey very fine grained groundmass very weakly chloritised
2-3% white to dark QZ eyes, rare blue QZ eyes, a few thin fractures in all directions filled with CB and or CL
No fabric developped
4-5% white 2-10mm subhedral white FP phenocrysts, absent where an alt. is present
3% QZ-CB veinlets, some of them with up to 50% PY, no pref orientation, a few of them with a K+ alt. around them
51.2-51.90m, beige, strong K+ alt. primary textures obliterated
51.09-51.97m, beige (K+ alt.)

Structure Maj.:	Type/Core Angle	Comment
63.66 - 63.66	CTC 75	

63.66 64.55 **I3G** ***Gabbro***

Very fine grained, strongly chloritised and carbonatised mafic dyke
Undeformed groundmass
A few grains of PY someo fthem cubic
2-3% CB veinlets, no pref. orientation
Sharp straight upper contact at 75° TCA, lower contact at 50° TCA

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Structure Maj.: ***Type/Core Angle*** ***Comment***

64.55 - 64.55 CTC 50

64.55 88.72 **V1QFP** ***Felsic QZ-FP Porphyritic Volcanic***

Grey very fine grained groundmass
5-10% white FP phenocrysts, 1-10mm, anhedral to euhedral, frequently obliterated by def. and alt.
@64.55-69.0m, orange near the uppe rcontact (HM or K+ alt.)
Undeformed to weakly developped fabric at 70° TCA
Several diss CL particles, 1-2% fine diss white CB grains, very rare fine diss PY, rare blue QZ eyes
2-3% QZ-CB, QZ-CB-CL veinlets, no pref orientation, a few of them mineralised with 60-90% PY and rare PO
1-2% dark QZ eyes @71.7-75m, 4-5% QZ eyes, no FP phenocrysts
67.60-68.40m, 20% very deformed QZ-CB-CL veinlets, xcutting the foliation , strong K+ or HM alt. around them
75.3-78.90m, pale grey, moderate deformation at 60-65° TCA, weak beige K+ alt. FP are rare and elongated in the foliaton,
78-79m, numerous hairline fractures weakly aligned in the foliation filled with CL, 3-4% PY-PO mineralised in these fractures and in QZ-CB veinlets parallel to the deformation
83.06-84.4m, weak deformation, several fractures in all directions filled with CL, no FP, rare QZ eyes
84.9-88.2m, 5-10% 1mm white CB grains

Structure Maj.: ***Type/Core Angle*** ***Comment***

88.72 - 88.72 CTC 60

88.72 89.43 **I3G** ***Gabbro***

Green fine grained mafic dyke
Grounmdass entirely chloritised, spotted with 10-15% white CB grains
Sharp upper contact at 60° TCA, 8cm very fine grained chilled margin

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Sharp lower contact at 70° TCA, 2mm thick dark green chilled margin No fabric developped 2-3% QZ veinlets at high angle TCA ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 89.43 - 89.43 CTC 70							
89.43	112.03	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** greenish-grey, very fine grained, very weak CL alt. Very weak deformation at 70° TCA 5-10% orange, sometimes white, subhedral to anhedral, weakly aligned in the foliation, rare blue QZ eyes Rare blue QZ eyes and QZ eyes, several diffused CL particles 1-2% QZ-CB-CL veinlets, mostly parallel to the foliation, rare ones has a beige K+ alt. of their wallrocks Several <1mm fractures filled with CL in all directions 89.43-97.0m, spotted with 2-3% <1mm white CB crystals @99.00m, groumdmass is suddenly pale grey, no CL alt. Mag. Susc. : 0.07-3.01 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 112.03 - 112.03 CTC 65	DC770157	111.00	112.03	1.03		0.00	0.00
112.03	114.72	**I3G** ***Gabbro*** Green, fine grained Groundmass composed mostly of greyish to white FP grains, 40% diss CL particles. Loc. Looks like replacement of needle-shaped mafic mineral (AMP?)	DC770158	112.03	112.85	0.82		0.00	0.00
			DC770159	112.85	113.85	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Weak deformation at 65° TCA Sharp straight upper contact at 65° TCA, lower contact is sharp at very low angle TCA <5° TCA, deformed by the foliation. Thin cherty looking chill margins A few diss PY grains, often cubic, 1-4mm 112.03-112.81m, 15% QZ-CB veinlets at 65° TCA, wallrocks are pale grey, over a few mm Mag. Susc. : 13-42 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 112.03 - 114.72 WDF 65							
114.72	129.98	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** Grey very fine grained groundmass 5-10% 1-10mm, white to beige to orange going downward, FP phenocrysts, 1-10mm, mostly anhedral, rare euhedral, aligned in the foliation where a deformation is present. Absent where def. and alt. is stronger, esp. in the wallrocks of veins Rare blue QZ eyes, <1% rounded white to beige translucid QZ eyes Diss CL particles, very diffused, rare patches with a very weak CL alt. of the groundmass, several hairlines fractures filled with CL no pref. Orientation No sulfides excepet rare PY grains in the wallrock of some veins, and in the CL filled fractures Weak deformation 65-70° TCA, locally undeformed Rare QZ and QZ-CB veins mostly // foliation 114.72-125.0m, spotted with <1mm white grains (CB? Doesn't react to HCL), late alt. 117.25-117.72m, I3G (see minor lithology) 119.66-119.71m, shear, 50° TCA, xcut foliation at high angle, C-S fabric well developped 119.71-120.00m, fault-fill vein, white QZ vein, with several 1mm lamination of CL (strongly altered wallrock?), 10% patches of CB, 1 bleb of PY 1cm, 50° TCA 126.87-126.98m, grey QZ vein laminated with 1mm bands of CL rare TL bands, 25% white CB patches, 50° TCA Mag. Susc.: 0.17-0.32	DC770160	118.60	119.60	1.00		0.01	0.01
			DC770161	119.60	120.00	0.40		0.11	0.11
			DC770162	120.00	121.00	1.00		0.01	0.01
			DC770163	125.65	126.65	1.00		0.00	0.00
			DC770164	126.65	127.15	0.50		0.00	0.00
			DC770165	127.15	128.15	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Structure Maj.: ***Type/Core Angle*** ***Comment***

114.72 - 129.98 WDF 67 Loc. UnDF

129.98 - 129.98 CTC 50

Vein Maj.: ***Type/Mineral*** ***%*** ***ca*** ***vg***

119.71 - 120.00 QV 50

126.87 - 126.98 QCV CL 5.0 50

Minor Interval:

117.25 117.82 I3G *Gabbro*

Very fine grained chloritised groundmass
No CB alt.
Sharp contacts at 75° TCA
Stockwerk of fractures filled with very dark CL,
Fragments are not rotated and greyish

129.98 132.96 **I3G** ***Gabbro***

Green, fine grained very fine grained near the contacts
Sharp straight upper contact at 50° TCA, sharp straight lower contact at 70° xcut the V1QFP at high angle to the deformation
Groundmass entirely chloritised spotted with 3-4%<1mm diffused FP, 4-5% diss BO
<1% diss PY 1-3mm often cubic
Groundmass is weakly deformed, but no fabric is developped
Several hairline fractures in all direction filled with CL and with a strong CL alt. around them, largest fractures hare filled with CB-CL
Rare QZ-CB veinlets, no pref. orientation, wallrocks are grey over a few cm, weak SI alt.
Mag. Susc. 17-25

Structure Maj.: ***Type/Core Angle*** ***Comment***

132.96 - 132.96 CTC 70

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
132.96	138.91	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** Idem to previous V1QFP Undeformed to locally weak deformation at 60° TCA Rare QZ and QZ-CB veinlets, no pref. orientation, EP aroudn them 132.96-134m no FP, 4-5% dark translucid QZ eyes							
138.91	205.68	**I2D** ***Diorite*** Green, alternance of fine and medium grained groundmass Weakly magnetic Groundmass mostly composed of white FP and CL, FP are weakly carbonatised, minor QZ <1% diss PO rare PY, vvery fine 10% chloritised phenocrysts or porphyro blasts, with tr of MG in them, aligned in the foliation when one is present Rare QZ and QZ-CB veins some of them with a silicificatiob of their wallrock, the CL phenocrysts becomes brigh green, EP in and around a few veinlets Undeformed to locally weak foliation at 65-70° TCA Sharp upper contact at 55° TCA Sharp straight lower contact at 35° tca 169.77-170.46m, fine to very fine grained. Strong deformation at 65-75° TCA Mag. Susc. : 0.1-22							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
205.68	212.00	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** Grey very fine grained groundmass Undeformed to locally very weak deformation at 60-65° TCA 5-10% anhedral to subhedral 3-10mm white FP phenocrysts, getting rare to abent toward the lower contact A few blue QZ eyes, rare very fine diss PY Diffused CL present around some veins Rare QZ and QZ-CB veinlets, no pref. orientation Very gradual lower contact 205.68-209.75m, spotted with numerous white <1mm CB grains 209-212.0m, several 1mm fractures filled with CB mostly at high angle TCA							
212.00	215.19	T1L Grey to greenish-grey, very fine grained groundmass Weak deformation 55-60° TCA Fragmental looking with fragments stretched and aligned in the foliation, 1-6cm-long, sometimes chloritised in a grey groundmass Or grey in a wealy chloritised groundmass. Numerous often diffused very elongated CL particles 1-2% dark anhedral chloritoid weakly aligned in the foliation <1% diffused QZ-CB veinlets // to the foliation Rare blue QZ eyes, rare diss PY where a CL alt. is presernt ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 215.19 - 215.19 CTC 65							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
215.19	215.45	**I3H** ***Quartz Gabbro***							

Pale beige and green medium grained
75% beige elongated anhedral FP, very elongated interstial CL
Weak to moderate deformation at 65° TCA
Sharp straight contacts upper at 65° and lower at 60° TCA
No veining, no sulfide

Structure Maj.:	*Type/Core Angle*	*Comment*
215.19 - 215.45	MDF 65	
215.19 - 215.45	WDF 65	
215.45 - 215.45	CTC 60	

215.45 235.90

T1Z with fragmental and lapilli tuff bands
Grey to greenish-grey, very fine grained groundmass
Weak to moderate deformation at 50° TCA
Several diffused bands with a weak to very weak CL alt.
1% QZ-CB veins and veinlets mostly // to the foliation
Rare blue QZ eyes, rare diss PY where a CL alt. is prsent

221.35-222.0m, weak SR, mod def. mostly composed of 5-10cm fragments aligned in the foliation
222.5-226.50m, 5% pale rounded QZ eyes
227-235.9m, 2-5% back anhedral to subhedral chloritoid 3-8mm
229.4-235.9m, fragmental

Structure Maj.:	*Type/Core Angle*	*Comment*
215.45 - 235.90	MDF 50	
215.45 - 235.90	WDF 50	
235.90 - 235.90	CTC 70	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

235.90 237.00 **I3H** ***Quartz Gabbro***

Idem to previous I3H
Weak deformation at 50° TCA
Slightly gradual contact at 70° TCA

Structure Maj.:	*Type/Core Angle*	*Comment*
235.90 - 237.00	WDF 50	
237.00 - 237.00	CTC 70	

237.00 245.65

T1L
Grey fine to very fine grained groundmass
Weak fabric developped at 50° TCA
5% of 5-20cm bands, with numerous fragments, thr groundmass of these bands is weakly chloritised with 1% diss MG, fragments are pale but seems to be of the same nature as the groudnmass
Veinlets are very rare (<1%) QZ-CB, no pref. orientation
Numerous diss CL particles, a few grains of PY sometimes cubic where CL is present
237243m, bands with 1-3% dark subhedral to anhedral chloritoid, rare blue QZ eyes

Structure Maj.:	*Type/Core Angle*	*Comment*
237.00 - 245.65	WDF 50	
245.65 - 245.65	CTC 35	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
245.65	246.43	**I3G** ***Gabbro***							

Green, fine grained
Very weakly deformed groundmass at 45° TCA
Sharp straight contacts, upper at 35° TCA< lower at 45° TCA
Groundmass strongly chloritised, grains of FP <1mm are weakly carbonatised
<1% 1-2mm diffused CB veinlets, no pref. orientation

Structure Maj.:	*Type/Core Angle*	*Comment*
245.65 - 246.43	WDF 45	Very WDF
246.43 - 246.43	CTC 45	

From (m)	To (m)	Lithology
246.43	258.78	

T1
Grey very fine grained groundmass
Weak deformation 55-60° TCA
5% of chloritised bands, with numerous pale fragments 5-30mm weakly aligned in the foliation
1-2% anhedral FP phenocryst, locally absent. More abundant after 257m
This unit might be a very deformed V1QFP where most of the FP has been obliterated
A few white to greysih rounded QZ eyes. Tr of PY where a CL alt. is present
3-4% QZ-CB veinlets , in all directions but mostly // to the foliation, rare blue QZ eyes
@246.43-250.2m, a few bands with 4-5% 2-5mm black chloritoid

Structure Maj.:	*Type/Core Angle*	*Comment*
246.43 - 258.78	WDF 57	
258.78 - 258.78	CTC 55	

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
258.78	260.16	**I3DD** ***Diabase Dyke*** Black fine grained Undeformed , magnetic Sharp straight contacts, upper at 55° TCA, lower at 45° TCA. 2mm grey cherty-looking chill margin Rare thin fractures filled with CB-CL ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 260.16 - 260.16 CTC 45							
260.16	279.95	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** Grey to pale grey, very fine grained groundmass @260.16-271.5m, weak deformation, loc. Up to moderate at 45-50° TCA. Where the foliation is moderate FP phenocrysts are often elongated and chloritised or obliterated @271.5-279.95m, undeformed 5-15% FP phenocrysts, increasing in qty toward the lower contact, white to greyish, mostly anhedral somesubhedral or euhedral Several wispy CL particles. 1% QZ eyes and rarer blue QZ eyes 1-2% QZ-CB veinlets, mostly // to the deformation when oe is present Rare diffused bands where the def. is present with a weak CL alt. of the groundmass @277.5-279.95m, groundmass gets progresively more beige, FP gets pink-orange. K+ alt from the I1QP ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 279.95 - 279.95 CTC 55							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
279.95	289.87	**I1QP** ***Felsic QZ Porphyritic Intrusive***	DC770207	286.00	287.00	1.00		0.00	0.00
			DC770208	287.00	288.00	1.00		0.01	0.01
			DC770209	288.00	289.00	1.00		0.00	0.00
			DC770210	289.00	289.87	0.87		0.00	0.00
289.87	300.00		DC770211	289.87	290.87	1.00		0.00	0.00

Bright pink to orange, very fine grained
Strong pervasive K+ or HM alt, a few small QZ veinlets with a dark red mineral in it looking like HM.
Weak to moderate SR alt.
Sharp straight contacts, upper at 55°TCA, lower at 75° TCA
5% 1mm rounded QZ eyes, sptedd with 1-2% diss CL and TL grains
Weak to mdoerate deofrmation 50-70° TCA
2-3% thin QZ-CB-CL veinlets in all directions, rare hairline TL stringers // to the foliation
287.4-289.87m, gets progressively beige, mod to strong SR, weak K+ or HM+ alt.

Structure Maj.:	*Type/Core Angle*	*Comment*
279.95 - 289.87	MDF 60	
279.95 - 289.87	WDF 60	
289.87 - 289.87	CTC 75	

T1Z
Grey fine to very fine grained groundmass
Weak to moderate deformatioon at 55° TCA
1-2% elongated dark QZ grains, 1-2mm, nmerous wispy dark green CL seam // to the deformation, a few blue QZ eyes
3-4% very diffused rounded 1-2mm FP grains, sometimes elongated in the foliation, CL wisps going around them, often weakly carbonatised
Tr of diss PY loc. Cubic
1% QZ vein at high angle TCA, xcutting the deformation
2-5% diss black subhedral chloritoid, 1-3mm

Structure Maj.:	*Type/Core Angle*	*Comment*
289.87 - 300.00	MDF 55	
289.87 - 300.00	WDF 55	

LITHOLOGY REPORT
- Detailed -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology
300.00	337.67	T1? Primary textures moslty obliterated by the deformation and alteration, rare intervals of V1QFP Grey, greenish-grey, beigeish, orange-grey, fine grained groundmass Weak to moderate deformation at 60° TCA Frequent weak CL alteration of the groundmass, @321-333.3m, locally orange fracture controlled HM alt. Rare diss PY, rare blue QZ eyes, <10% of bands with 2-3% anehdral white FP phenocrysts often weakly elongated in the deformation 309.5-311.35m, moderate deformation, 10% white to greyish QZ-CB veinlets, very dfiffused, several hairline TL stringers // to the foliation, beige, no API, Albite alt.? 313.80-314.92m, moderate CL alt. , moderate def. 313.15-313.32m, several tight folds, xcut by a few QZ veinlets // to axial planes 321.2-325.90m, 10% of 5-20cm angular fragments with sharp contacts, often very altered in CL and orange K+alt., not oriented in the deformation 328.10-328.15m, grey QZ-CB TL vein, 40° TCA, strong K+ alt. around it 333.3-337.67m, frequent bands of moderate def, with a strong K+ alt. and QZ-CB veinlets

Structure Maj.:	Type/Core Angle	Comment
300.00 - 335.57	MDF 60	
300.00 - 335.57	WDF 60	

Vein Maj.:	Type/Mineral	%	ca	vg
328.10 - 328.15	QCT		45	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770212	308.50	309.50	1.00		0.00	0.00
DC770213	309.50	310.35	0.85		0.00	0.00
DC770214	310.35	311.35	1.00		0.00	0.00
DC770215	311.35	312.35	1.00		0.00	0.00
DC770216	326.90	327.90	1.00		0.00	0.00
DC770217	327.90	328.20	0.30		0.01	0.01
DC770218	328.20	329.20	1.00		0.01	0.01
DC770219	335.67	336.67	1.00		0.00	0.00
DC770220	336.67	337.67	1.00		0.01	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
337.67	341.65	**T9ZS** ***Schist Undifferentiated***	DC770221	337.67	338.67	1.00		0.00	0.00
		Grey green orange, very fine grained	DC770222	338.67	339.65	0.98		0.01	0.01
		Strong to intense deformation at 45-80°TCA, with several small folds	DC770223	339.65	340.65	1.00		0.01	0.01
		Alternance of mm to cm lamination of TL - K+ alt. tuffaceous stuff, CL alt. tuffaceous stuff, and white to greyish QZ and QZ-CB veinlets // to the foliation	DC770224	340.65	341.65	1.00		0.01	0.01
		Rare diss PY, sometimes euhdral, where CL alt. is prsent							
		10% of veinlets							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		337.67 - 341.65 IDF							
		337.67 - 341.65 SDF							
341.65	343.00		DC770226	341.65	342.30	0.65		0.01	0.01
		T1L	DC770227	342.30	343.00	0.70		0.00	0.00
		Grey to greenish grey, fine to very fine grained groundmass							
		Weak deformation 40-60° TCA							
		1-3% elongated lapilli or FP phenocrysts, orange (K+ alt.), several diss CL particles. Tr of diss PY, rare blue qZ EYES							
		Weak CL alt. of the groundmass							
		2% very deformed and broken QZ-CB veinlets							
		Locally groundmass seems essentially composed of very faint diffused rounded grey FP grains, with CL particles going around them							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		342.65 - 343.00 WDF 50							

From (m)	To (m)	Lithology
343.00	348.50	**T9ZS** ***Schist Undifferentiated*** Alternance of T1L similar to previous unit but more deformed and altered, with several bands where the foliation is strong to intense and obliterated the primary textures Grey, green, beige, orange, fine to very fine grained Moderate to intense deformation 5-65° TCA 343-343.85m, intense deformation starting at 5° going up to 40° TCA, 10% of TL lamination 1-20mm, 30% white to greyish QZ and QZ-CB veinlets, groundmass is laminated with green bands with a CB and CL (EP?) alt. a few orange (K+) bands and rarer grey shiny rich in SR laminations 343.85-344.13m, green, MDF, 45° TCA 344.0-344.80m, a faint second foliation at 70° TCA, // to the axial planes of the small folds @344.4-344.80m 345-346.2m, bright orange, IDF, 50-65° TCA, Alternance of dark grey vfg silicified laminations with very thin strongly K+ altered fracture filled // to the foliation, <1% fine diss PY 346.2-348.5m, similar to previous interval, deformation intensity decreases toward the lower contact, wispy FP phenocrysts, bright orange, starts to appear 347.0-347.5m, very broken core ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 343.00 - 348.50 IDF 343.00 - 348.50 SDF 343.00 - 348.50 MDF 348.50 - 348.50 CTC 70
348.50	351.38	**I2** ***Intermediate Intrusive*** Green fine to medium grained Sharp straight contacts, at 70° TCA Weak to very weak deformation 70-80° TCA Groumdmass composed of >75% beige to pale green rounded, 1-3mm FP grains, saussuritised, rare QZ grains, and numerous diffused CL particles mostly interstitial to the FP grains 3-4% QZ QZ-CB veinlets // to the deformation or deformed by it

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770228	343.00	344.00	1.00		0.01	0.01
DC770229	344.00	345.00	1.00		0.01	0.01
DC770230	345.00	346.00	1.00		0.24	0.24
DC770231	346.00	347.00	1.00		0.01	0.01
DC770232	347.00	347.75	0.75		0.03	0.03
DC770233	347.75	348.50	0.75		0.01	0.01
DC770234	348.50	349.50	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

No sulfide

Structure Maj.:	Type/Core Angle	Comment
348.50 - 351.38	WDF 75	
351.38 - 351.38	CTC 70	

351.38 357.45

T1L
Grey, orange, fine to very fine grained
Modetarate to locally strong deformation 30-55° TCA
2-4% very elongated lapilli or FP phenocrysts, bright orange
Moderate bright orange K+ fracture-controlled alt. Frequent weak CL alt. of the groudnmass
A few blue QZ eyes, very rare diss PY
Numerous wispy CL particles
The K+ altered fractures and wispy CL particles goes around <10mm thick lenses(?) of weakly altered in CB-CL T1

Structure Maj.:	Type/Core Angle	Comment
351.38 - 357.45	SDF 42	
351.38 - 357.45	MDF 42	

357.45 373.89

T1Z
Grey fine to very fine grained QZ-FP groundmass
Weak to moderate deformation 40-45° TCA
2-4% 2-4mm black chloritoid, subhedral to euhdral
Rare QZ-CB veinlets // to the foliation. 1% QZ veinlets at high angle TCA, xcuttign the foliation

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Numerous diffused diss CL grains, rare blue QZ eyes Weak to very weak fracture-controlled K+ alt. orange, Several very diffused thin bands with a very weak CL alt. of the groundmass 362.45-371m, very weak SR alt.							
373.89	375.46	**I1** ***Felsic Intrusive*** I1 or alteration zone Grey to beige, slightly orange, fine to very fine grained Fine to very fine grained Spotted with <1% MG grains Primary textures obliterated, numerous diffused CL particles Weak deformation and gradual contacts at 50° TCA // to surrounding deformation Rare QZ veins white xcutting the foliation` ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 373.89 - 375.46 WDF 50								
375.46	378.00	T1Z Grey orange green, fine grained Weak to moderate deformation at 35-40° TCA Weak K+ and CL alt. Numerous wispy CL particles // foliation. Grey to orange FP and QZ Rare blue QZ eyes, no sulfides Rare QZ veinlets xcutting the foliation ***Structure Maj.:*** ***Type/Core Angle*** ***Comment***	DC770235	377.00	378.00	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
378.00	381.45	**I2D** ***Diorite***	DC770236	378.00	379.00	1.00		0.01	0.01
		Green fine to medium grained	DC770237	379.00	380.00	1.00		0.00	0.00
		Fine grained, greener, looking more like an I3G near the contacts	DC770238	380.00	381.00	1.00		0.00	0.00
		CL and CB alt. stronger near the contacts							
		Sharp straight contacts 30° TCA							
		Weak deformation 30-50° TCA							
		Where medium grained 75% 2-3mm rounded grey FP ,minor QZ, and rest is essentially intertial CL							
		No sulfides							
		Numerous <1mm CL filled fractures in all directions							
		10% CB and QZ-CB veinlets parallel to the foliation and rare QZ veinlets xcutting the foliation							

Structure Maj.:	*Type/Core Angle*	*Comment*
378.00 - 381.45	WDF 40	
381.45 - 381.45	CTC 30	

From (m)	To (m)	Lithology
381.45	397.12	T1L Grey fine to very fine grained groundmass. Locally orange due to a fracture controlled K+ alt. Loc weak CL alt. of the groundmass Moderate deformatino at 40-55° TCA 1-3% diffused white to orange elongated lapilli or FP phenocrysts not always present Numerous diss wispy CL particles, rare blue QZ eyes 2-3% of QZ veining at high angle TCA, xcutting the deformation Deformation is very strong at 392.5-397.12m, laminated with greyish QZ-FP very weak K+ alt. and paler grey(CB + very weak EP+CL alt.) Rare lapilli are still visible ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 381.45 - 397.12 MDF 47
397.12	403.63	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** Dark grey, loc. Slightly greenish groundmass Weak to moderate deformation 55-60° TCA 10% white subhedral FP phenocrysts, weakly aligned in the foliation, 1-10mm. A few rounded blue QZ eyes A few QZ vein at high angle TCA, xcutting the foliation Frequent weak to very weak CL alt. of the groundmass Several 1-5cm bands more deformed, with numerous hairlines fractures healed with a K+ orange alt. of their groundmass over a few mm. FP are rarely visible in these bands ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 397.12 - 403.63 MDF 57 397.12 - 403.63 WDF 57

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770239	388.80	389.80	1.00		0.03	0.03
DC770240	389.80	390.50	0.70		0.01	0.01
DC770241	390.50	391.20	0.70		0.00	0.00
DC770242	391.20	392.20	1.00		0.00	0.00
DC770243	392.20	393.20	1.00		0.01	0.01
DC770244	393.20	394.20	1.00		0.00	0.00
DC770245	394.20	395.20	1.00		0.00	0.00
DC770246	395.20	396.20	1.00		0.00	0.00
DC770247	396.20	397.12	0.92		0.01	0.01
DC770248	397.12	398.12	1.00		0.01	0.01
DC770249	402.63	403.63	1.00		0.00	0.00

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From (m)	To (m)	Lithology
403.63	426.89	T1L Grey, greenish, orange, fine to very fine grained groundmass Moderate to strong deformation 50-55° TCA Fragmental, with 1-6cm subangular lapilli, often of a similar composition to the groundmass but distinguishable because of a different alt. of the fragments. A few fragments of V1QFP. Frequent weak CL alt. of the groundmass. Locally fracture controlled orange K+ alt. more abundant after 416m Rare QZ vein at high angle TCA, xcutting the deformation A few blue QZ eyes, numerous diss CL grains. Groundmass composed mostly of elongated FP grains(or lapilli?), very diffused and rarer QZ 404-53-404.68m, QZ-CB-CL laminated vein, 60° TCA 408.78-408.93m, sheared white to greysih QZ-CB-CL vein, 40° TCA

Structure Maj.:	Type/Core Angle	Comment
403.63 - 426.89	SDF 52	
403.63 - 426.89	MDF 52	

Vein Maj.:	Type/Mineral	%	ca	vg
404.53 - 404.68	QCL cb		60	
408.78 - 408.93	QCL cb		40	

From (m)	To (m)	Lithology
426.89	443.47	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** Grey fine to very fine grained groubndmass 5-10% white anhedral to subhedral FP phenocrysts, weakly aligned in the foliation. A few blue QZ eyes A few QZ eyes Weak to very weak deformation at 50-60° TCA

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770251	403.63	404.40	0.77		0.00	0.00
DC770252	404.40	404.80	0.40		0.00	0.00
DC770253	404.80	405.80	1.00		0.00	0.00
DC770254	407.65	408.65	1.00		0.00	0.00
DC770255	408.65	409.00	0.35		0.00	0.00
DC770256	409.00	410.00	1.00		0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

A few thin fractures with a orange K+ alt. of their wallrocks on a few mm
Rare QZ-CB veinlets // to the foliation, a few QZ vein at high angle TCA, xcutting the deformation
Numerous diffused diss CL particles. No sulfide
426,89-429.5m, weak to moderate ddeformation 50-60° TCA, weak K+ alt.

Structure Maj.:	Type/Core Angle	Comment
426.89 - 443.47	WDF 55	
443.47 - 443.47	CTC 50	

443.47 443.67 **I3DD** ***Diabase Dyke***

Black, fine to very fine grained
Undeformed but numerous thin fractures filled with CB
Weakly magnetic
Upper contact at 50° TCA, lower contact at 60° TCA

Structure Maj.:	Type/Core Angle	Comment
443.67 - 443.67	CTC 60	

443.67 444.15

Breccia on the lower contact of the I3DD
Strong bright orange K+ alt.
Angular fragments-supported breccia
Diffused CL particles
A few thin QZ and QZ-CB veinlets , no pref. orientation

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From (m)	To (m)	Lithology
444.15	450.10	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic*** V1QFP? Very deformed broken altered, primary textures mostly obliterated Dark grey, slighlty greenish, very fine grained, weakly cooked by the following I3DD Weak to mdoerate deformation at 55° TCA Locally a few very diffused pale anhedral FP and blue QZ eyes are visible Weak fracture-controlled K+ orange alt. Numerous diffused diss CL particles A few (<5%) greenish QZ-CB-CL-TL veinlets mostly aligned in the foliation, often broken ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 444.15 - 450.10 MDF 55 444.15 - 450.10 WDF 55 450.10 - 450.10 CTC 50
450.10	456.40	**I3DD** ***Diabase Dyke*** Black, fine grained Undeformed, magnetic Numerous CB filled fractures in all directionsd Sharp upper contact at 50° TCA, lower contact at 70° TCA ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 456.40 - 456.40 CTC 70

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770257	446.00	447.00	1.00		0.01	0.01
DC770258	447.00	448.00	1.00		0.01	0.01
DC770259	448.00	449.00	1.00		0.00	0.00
DC770260	449.00	450.00	1.00		0.00	0.00

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
456.40	463.50	**I3** ***Mafic Intrusive*** Diabase or Gabbro Dark grey, fine grained groundmass Magnetic to weakly magneitic Undeformed, locally faint fabric at 45-50° TCA Rare thin fractures filled with CB Numerous grey slightly bluish FP grains in a very dark weakly chloritised groundmass Gets greener and very fin grained toward the lower contact, sharp irregular lower contact roughtly oriented at 40° TCA							
463.50	477.25	T1QP Grey, dark grey, fine to very fine grained groundmass Undeformed to very weak deformation at 50° TCA Several 5-20cm bands with 4-5% FP phenocrysts and 1% blue QZ eyes, fragmental? Contacts of the bands are bvery diffused Rare thin fractures filled with CB, rare QZ veining // to the foliation Frequent Weak K+ alt. of the wallrocks of veins and fractures Numerous diss wispy CL particles, locally weak CL alt. of the wallrock 469.76-470.04m, strong deformation at 50° TCA, 35% greyish QZ vein, numerous hairlines TL stringers, laminated with bands of CL alt. and K+ alt T1 470.04-472.5m, Moderate deformation 60-70° TCA, moderate to strong K+ alt.10% QZ-CB-CL veins // to the foliation	DC770261	468.50	469.50	1.00		0.01	0.01
			DC770262	469.50	470.50	1.00		0.00	0.00
			DC770263	470.50	471.50	1.00		0.00	0.00
			DC770264	471.50	472.50	1.00		0.00	0.00
			DC770265	472.50	473.50	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
477.25	494.60	T1L Fragmental, grey pale grey greenish- fine grained Moderate deofrmation at 60° TCA Grey to pale grey fine to very fine grained groundmass 30% 1-6cm fragments of T1 or V1QFP aligned in the foliation, very weakly deformed compared to the groundmass, often paler than the groundmass 1-2% diss euhedral chloritoid 2-5mm Several diss CL grains, a few MG grains, a few blue QZ eyes 2% QZ-CB veinlets, mostly at high angle TCA, xcutting the deformation ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 477.25 - 494.60 MDF 60								
494.60	505.30	T1Z Grey dark grey, greenish orange, fine to very fine grined groundmass Moderate deformation 55-65° TCA Weak to moderate fracture-controlled K+ alt. Frequent weak CL alt. where the K+ alt is not present A few blue QZ eyes, numerous elongated to wispy CL particles A few broken QZ-CB-CL veinlets mostly // to sub// to the deformation Locally a few very diffused rounded FP phenocrysts are visible 497.2-500m, strong K+ alt. alt caused by greenish QZ vein @498.86-498.92m 60° TCA 501.5-503.5m ,weak to moderate C alt. most primary textures are obliterated ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 494.60 - 503.50 MDF 60 505.30 - 505.30 CTC 65	DC770266	497.70	498.70	1.00		0.00	0.00
			DC770267	498.70	499.20	0.50		0.00	0.00
			DC770268	499.20	500.20	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Vein Maj.:	Type/Mineral	%	ca	vg
498.86 - 498.92	QCL		60	

505.30 506.09 **I3H** ***Quartz Gabbro***

Beige and green, medium grained
Moderate to strong deformation 55-60° TCA
Sharp upper contact at 65°, lower at 50° TCA
Groundmass mostly composed of very elongated beige FP grains and interstial CL partticles
1% thin QZ and QZ-CB veinlets, thin, xcutting the deformation
Nosulfide

Structure Maj.:	Type/Core Angle	Comment
505.30 - 506.09	SDF 57	
505.30 - 506.09	MDF 57	
506.09 - 506.09	CTC 50	

506.09 508.00

T1Z

Grey to dark grey, very fine grained glassy looking groundmass
Weak deformation 50-65° TCA
3-4% white-translucid QZ eyes
Alternance of thin diffused laminations with a weak K+ and CL alt. Several wispy CL particles
Rare QZ and QZ-CB veinlets, no pref. orientation
Tr of fine diss PY

Structure Maj.:	Type/Core Angle	Comment
506.09 - 508.00	WDF 57	

From (m)	To (m)	Lithology
508.00	508.98	**I3G** ***Gabbro***

or alteration zone?
Green fine to very fine grained groundmass
Weak CB alt.
Weak to very weak deformation 50-70° TCA
Gradual upper contact, sharp lower contact at 70° TCA
10% QZ-CB veins very deformed and diffused, rare QZ veins xcutting the deformation

Structure Maj.:	*Type/Core Angle*	*Comment*
508.00 - 508.98	WDF 60	
508.98 - 508.98	CTC 70	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770269	527.20	528.20	1.00		0.00	0.00
DC770270	528.20	529.10	0.90		0.00	0.00

From (m)	To (m)	Lithology
508.98	529.10	

T1L
Grey to dark grey very fine grained groundmass
Weak to moderate deformation 50-65° TCA
Mostly composed of fragments with various lithologies. 25% of 1-30cm fragments of 1-30cm V1QFP, the groundmass of these fragments is weakly to very weakly deformed, 10-15% white FP phenocrts, several blue QZ eyes
Weak to very weak CL alteration of the groundmass and most of the fragments, thin very diffused bands with a very weak pinkish alt K+?
Rarer fragments with a morec hloritised groundmass bearing 2-3% dark translucid QZ eyes
2-3% sheared QZ-CB-CL veins mostly parallel to the foliation often with a weak K+ alt. around them
528.36-528.47m, QZ-CB-CL veins laminated, K+ alt. around it, 40° TCA

Structure Maj.:	*Type/Core Angle*	*Comment*
508.98 - 529.10	MDF 57	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		508.98 - 529.10 WDF 57 529.10 - 529.10 CTC 65							
529.10	531.66	**I3G** ***Gabbro*** Green fine grained, very fine graiend near the contacts Groundmaass essentially composed of CL and weakly carbonatised FP <1mm Tr of diss MG and BO, rare PY grains Sharp straight contacts at 65° TCA, Very weak deformation of the groundmass at 65° , a bit stronger near the contacts 5% CB and QZ-CB veinlets // to the foliation more abundant near the upper contact ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 529.10 - 531.66 WDF 65 531.66 - 531.66 CTC 65	DC770271	529.10	530.10	1.00		0.01	0.01
531.67	540.41	T1L, similar to previous T1L Grey fine to very fine grained groundmass Weak deformation at 50° TCA 10-15% of chloritised fragments rounded to subnagular weakly aligned in the deformation often with 10-15% FP phenocrysts and several blue QZ eyes. Toward the end of the unit, the fragments are often greyish with 5-10% pale QZ eyes 1-3% very diffused anhedral to subhedral FP phenocrysts diss in the groundmass, numerous elongated CL particles Groundmass of FP and rarer QZ often altered either in CL or K+. K+ alt. is fracture controlled and								

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

stronger near the lower contact
<1% thin fractures filled with CB, no pref. orientation

Structure Maj.:	Type/Core Angle	Comment
531.67 - 540.41	WDF 50	
540.41 - 540.41	CTC 60	

540.41 540.86 **I3H** ***Quartz Gabbro***

Beige, very fine grained
Gradual upper contact, sharp lower contact at 60° TCA
Moderate deformation at 60° TCA,
1 fragments of T1L
80% beige mineral too fine grained to identified, rest is mostly elongated CL particles, rare QZ eyes
No veining no sulfide

Structure Maj.:	Type/Core Angle	Comment
540.41 - 540.86	MDF 60	
540.86 - 540.86	CTC 60	

540.86 544.75

T1L, similar to previous T1L
Grey fine to very fine grained groundmass
Weak deformation at 60° TCA
Very diffused texture due to weak CL and weak to moderate K+ alt.

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Composed mostly of fragments 3-30cm often with diffused contacts, various lithologies(or alteration?) but most are V1QFP
2-3% diffused pale anhedral FP phenocryssts diss in the fgroundmass
<1% thin fractures filled with CB mostly sub// to the deformation

Structure Maj.:	Type/Core Angle	Comment
540.86 - 544.75	WDF 60	

544.75 550.76 **I2M** ***Monzonite***

Green grey orange, fine to medium grained
Very diffused upper contact, could be several dykes, or a dyke with xenoliths of T1L. These xenoliths have very diffused contacts
Sharp lower contact at 65° TCA, weak deformation 60-70° TCA
Weak to locally modrate K+ alt.
Groundmass : <20% QZ orange (K+), about 70% white to greyish weakly carbonatised FP, rest is mostly 2-3mm CL grains weakly aligned in the deformation
<1% diss PY, sometimes cubic, generally grew in the middle of the CL grains
1% QZ veinlets xcutting the deformation, A few hairline fractures with a K+ alt. of their walrock

545.70 contact between I2M and T1L xenoltih, 60° TCA
547.10-547.45m, diffused xenoliths of T1L

Structure Maj.:	Type/Core Angle	Comment
544.75 - 550.76	MDF 65	
544.75 - 550.76	WDF 65	
550.76 - 550.76	CTC 65	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
550.76	558.09	T1L Grey, fine grained Weak deformation at 50° TCA 20% of diffused fragments 5-10cm aligned in the deformation. Visible die to diff alteration between groundmass and fragments Alternance of Weak CL and K+ alt. mOst of the fragments are V1QFP Very diffused groundmass, maybe a few pale anehdral FP phenocrysts Rare thin fractures filled with CB, no pref orientation No veining, very rare fine diss PY							
558.09	559.40	**I2M** ***Monzonite*** I2D? Green, beige, fine to medium grained, Sharp contacts. Upper been sheared by the deformation but most have been to a high angle to surrounding fabric 50° TCA. Sharp lower contact at 60° TCA Groundmass mostly composed of saussuritised beige 1-2mm FP grains, and CL particles aligned in the foliation in a lesser qty, a few QZ eyes Weak CB alt. rare diss cube of PY Rare thin QZ veinlets xcutting the foliation. Beige alteration of their wallrocks over a few mm Weak to very weak deformation 55-65° TCA							

Structure Maj.:	Type/Core Angle	Comment
550.76 - 558.06	WDF 50	
558.09 - 558.09	CTC 50	

Structure Maj.:	Type/Core Angle	Comment
558.09 - 559.40	WDF 60	
559.40 - 559.40	CTC 60	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

559.40 562.59

T1L
Grey fine grained
Weak to moderate deformation at 65° TCA
10% of very diffused elongated chloritised fragments often bearing anehdral orange
Weak pervasive K+ alt.
5-10% 1-3mm weakly elongated orange to white FP phenocrysts or lapilli
Numerous diss CL particles, very rare PY tr of MG, rare blue QZ eyes

Structure Maj.:	Type/Core Angle	Comment
562.59 - 562.59	CTC 30	

562.59 563.21 **I3H** ***Quartz Gabbro***

Beige, greenish, medium grained
Groundmass 75-80% rounded to elongated FP grains, rest is interstial CL
NO vein, no sulfide
Moderate deformation at 65° TCA
Upper contact at 30° TCA, at high angle to surrounding deformation
Sharp lower contact at 65° TCA

Structure Maj.:	Type/Core Angle	Comment
562.59 - 563.21	SDF 65	
562.59 - 563.21	MDF 65	
563.21 - 563.21	CTC 65	

From (m)	To (m)	Lithology
563.21	580.70	T1L Grey to greenish-grey, fine to very fine grained Weak to very weak deformation at 50° TCA 15-20% diffused fragments aligned in the foliation 5-10 cm frequently bearing FP and QZ phenocrysts Weak CL and K+ alt. often present A few very diffused FP phenocrysts and rare QZ eyes diss in the groundmass Rare QZ and QZ-CB veinlets, no pref. orientation 571.89-572.14m, 60% of QZ-CB veinlets // to the foliation 573.10-573.23m, white QZ vein, xcutting the def. 45° TCA 573.34-573.40m, QZ vein, 30° TCA, slightly deformed by the foliation 575.5-580.7m, fragments have sharp contacts, strong Cl alt. 4-5% diss BO 10% diss FP phenocrysts, wea EP+CB alt.

Structure Maj.:	Type/Core Angle	Comment
563.21 - 580.70	WDF 50	WDF to very WDF|\
580.70 - 580.70	CTC 5	

Vein Maj.:	Type/Mineral	%	ca	vg
573.10 - 573.23	QV		45	

From (m)	To (m)	Lithology
580.70	593.63	**I3DD** ***Diabase Dyke*** Black, fine grained to very fine grained near the contacts Sharp contacts upper at <5° TCA, lower at 20° TCA Undeformed magnetic A few hairline fractures sometimes filled with CB,

Structure Maj.:	Type/Core Angle	Comment
593.63 - 593.63	CTC 20	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770272	570.80	571.80	1.00		0.00	0.00
DC770273	571.80	572.20	0.40		0.00	0.00
DC770274	572.20	573.00	0.80		0.00	0.00
DC770276	573.00	573.60	0.60		0.00	0.00
DC770277	573.60	574.60	1.00		0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
593.63	594.56	T1L Greenish-grey, fine to very fine grained weakly chloritised, cooked groundmass @593.63-593.83m, 20% of 1-6cm-long-elongated in the foliation lapilli of V1QFP Most primary textures obliterated by alt. Weakly deformed but no clear fabric developped No veining, tr of diss PY PO ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 594.56 - 594.56 CTC 55							
594.56	594.96	**I3DD** ***Diabase Dyke*** Idem to prevoiious I3DD Upper contact at 55° TCA, lower at 15° TCA ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 594.96 - 594.96 CTC 15							
594.96	597.98	T1L Grey very fine grained groundmass							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Weak deformation at 55° TCA Several very diffused fragments, slightly chloritised with several diffused anhedral FP phenocrysts No veining, very rare very fine diss PY Cooked, diffused diss CL particles, rare thin bands with a very weak K+ alt							
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 594.96 - 597.98 WDF 55 597.98 - 597.98 CTC 20							
597.98	598.63	**I3DD** ***Diabase Dyke*** Idem to previous I3D Upper contact at 20° TCA, lower at 10° TCA							
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 598.63 - 598.63 CTC 10							
598.63	632.45	T1L Grey pale grey, green, fine to very fine grained groundmass Weak to very weak deformation 50-60° TCA 15% large fragments of V1QFP, generally with diffused contacts, slightly more chloritised than the groundmass, bearing 5-30% FP phencorystss, and several blue QZ eyes. Rare fragments of felsic intrusive (I1J?) pale medium grained composed mostly of white FP and QZ. Fragments are not very stretched but their contacts are mostly aligned with the foliation Rare thin QZ-CB veinlets and hairline fractures often filled with CB, most xcutting the foliation and with a K+ alt. of their wallrock over a few mm Numerous diss CL grains, loc. Very weak CL alt of the groundmass, a few blue QZ eyes, very rare diss							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		PY							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		598.63 - 632.45 WDF 55 WDF to very WDF							
632.45	650.37	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic***	DC770278	645.75	646.75	1.00		0.00	0.00
		Very gradual contacts Grey to greenish-grey, very fine grained groundmass Weak to very weak deformation 55-60° TCA. @646.3-650.37m, weak to moderate deformation at 45-55° TCA 5-7% anhedral to subhedral white to greyish FP phenocrysts, 2-4% QZ eyes. A few blue QZ eyes A few 2-6cm fragment mostly felsic intrusive(trondjhemite? Tonalite?) rounded. Rarer chloritised fragments with numerous QZ grains Frequent weak CL alteration, very diffused CL particles Susc. Mag 0.18-2.4 Very rare thin Qz-CB veinlets sub// to the deformation 646-650.37m, FP phenocrysts becomes very rare to absent 646.75-647.5m, moderate to strong bright orange K + alt. Susc. Mag: 8-12 647.11-647.30m, dyke?, grey fine grained sharped contact at 60° TCA, not affected by the K+ alt. 10-15% elongated CB grains, intense CB alt.	DC770279	646.75	647.50	0.75		0.00	0.00
			DC770280	647.50	648.50	1.00		0.00	0.00
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		632.45 - 646.30 WDF 57 WDF to very WDF							
		646.30 - 650.37 MDF 50							
		646.30 - 650.37 WDF 50							

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Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology
650.37	673.16	T1L Grey greenish-grey, fine grained often weakly chloritised and carbonatised groundmass Weak to moderate deformation 60-65° TCA 650.37-662.5m, a few 1-3cm chloritised lapilli(?) sometimes angular. 662.5-673.16m 20% of 1-10 cm fragments mostly of V1QFP, and a few felsic intrusive (I1J?) Numerous, often diffused, CL particles, aligned in the foliation, several <1mm diss MG grains, a few blue QZ eyes No sulfide, very rare thin QZ and QZ-CB veinlets 660.14-660.31m, very deformed CB-CL-QZ vein, 60° TCA, xcut foliation 669-670.60m, stronger CL alt. 5% grey QZ and QZ-CB verinlets, 60° TCA, parallel to the foliation 670.60-673.16m, bright orange, strong K+ and Sl alt., vfg, gradual contact with following V1QFP, primary textures obliteratged by alt. only the QZ grains and blue QZ eyes are intact. Stockwerk of very thin healed fractures with a stronger K+ alt. of their wallrocks 671.78-672.06m, white QZ vein, patches of CB and CL, 65° TCA, 672.79-672.89m, white QZ vein, 50° TCA, fracture at 0° TCA causing a 3cm offset of the vein Susc. Mag 0.68-3.12

Structure Maj.:	Type/Core Angle	Comment
650.37 - 673.16	MDF 62	
650.37 - 673.16	WDF 62	

Vein Maj.:	Type/Mineral	%	ca	vg
671.78 - 672.06	qct		65	
672.79 - 672.89	qv		50	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770281	659.00	660.00	1.00		0.00	0.00
DC770282	660.00	660.50	0.50		0.00	0.00
DC770283	660.50	661.50	1.00		0.00	0.00
DC770284	669.00	670.00	1.00		0.00	0.00
DC770285	670.00	670.60	0.60		0.00	0.00
DC770286	670.60	671.60	1.00		0.00	0.00
DC770287	671.60	672.35	0.75		0.00	0.00
DC770288	672.35	673.16	0.81		0.02	0.02

From (m)	To (m)	Lithology
673.16	682.20	**V1QFP** ***Felsic QZ-FP Porphyritic Volcanic***

or T1L mostly composed of V1QFP fragments
Grey locally green or orange, fine to very fine grained
Weak deformation starting with a open fold and fabric at 0° TCA, icreasing gradually to 60° near the lower contact
10-15% 1-3mm white FP phenocrysts, anhedral to subhedral
Frequent weak CL alt. Locally weak fracture-controlled HM alt
Rare QZ-CB veinlets mostly parallel to the foliation, tr of fine diss MG, no sulfide
Mag Susc : 0.18-13.9
678.54-679.06mm, stronger deformation, no alt. several hairline TL stringers, 25% of diffused smoky QZ veinlets // to the deofmration
680.64-680.67M, LAMINATED GREY qz-cb-tl vein, 75° TCA, K+ alt. of the wallrocks

Structure Maj.:	*Type/Core Angle*	*Comment*
673.16 - 682.20	WDF	

Vein Maj.:	*Type/Mineral*	*%*	*ca*	*vg*
678.54 - 679.06	QV		65	
680.64 - 680.67	QV		75	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770289	673.16	674.16	1.00		0.01	0.01
DC770290	677.50	678.50	1.00		0.01	0.01
DC770291	678.50	679.15	0.65		0.00	0.00
DC770292	679.15	680.15	1.00		0.00	0.00
DC770293	680.15	680.50	0.35		0.00	0.00
DC770294	680.50	681.20	0.70		0.00	0.00
DC770295	681.20	682.20	1.00		0.00	0.00

From (m)	To (m)	Lithology
682.20	691.38	

t1l
Grey greenish-grey, fine to very fine grained
Primary textures hard to see due to alt and def
Weak to moderate deformation 60° TCA
15-20% of large very diffused fragments (or bands?) of V1QFP, 2 x 5cm mafic lapilli, mienralised with 1-2% Cpy-PY,
Numerous diffused diss CL particles, rare white anhedral FP phenocrysts, rare blue QZ eyestr of diss MG
Weak K+ alt near the lower contact, fracture-controlled
Rare diffused QZ-CB veinlets mostly parallel to the foliation
683.85-683.94m, very deformed diffused CB vein, 1% PY, 55° TCA

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770296	682.20	683.20	1.00		0.00	0.00
DC770297	683.20	684.20	1.00		0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Structure Maj.: ***Type/Core Angle*** ***Comment***

682.20 - 691.38 MDF 60

682.20 - 691.38 WDF 60

691.38 - 691.38 CTC 60

Vein Maj.: ***Type/Mineral*** ***%*** ***ca*** ***vg***

683.85 - 683.94 CB py 1.0 55

691.38 691.77 **I3G** ***Gabbro***

Green fine to very fine grained
Strong CL, weak CB alt.
Sharp contacts at 60° TCA< undeformed groundmass
5% thin CB veinlets // to the contacts, a few diss grains of PY
Mag Susc. 16.5

Structure Maj.: ***Type/Core Angle*** ***Comment***

691.77 - 691.77 CTC 60

691.77 692.29

T1L
Idem to previous T1L
Weak to moedrate deformation 45-50° TCA
Mag: 3.88

Structure Maj.: ***Type/Core Angle*** ***Comment***

691.77 - 692.29 MDF 47

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		691.77 - 692.29 WDF 47 692.29 - 692.29 CTC 45							
692.29	693.17	**I3G** ***Gabbro*** Green, fine to very grained, strongly chloritised groundmass Weak CB alt. Sharp contacts upper at 45° TCA, lower at55° TCA Weak deformation at 50° TCA, 5% CB veinlets // to the foliation Mag : 0.54-12.8 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 692.29 - 693.17 WDF 50 693.17 - 693.17 CTC 55							
693.17	715.49	T1L Grey, green, orange, fine to very fine grained groundmass Moderate deformation at 50-70° TCA Composed mostly of fragments of various lithologies often with diffused contacts, alternance of weak to moderate CL and K+ alt. and deformation makes it hard to identify what are fragmetns and what is groundmass. Fragments are 5-10cm in size, most common are V1QFP, and fine grained chloritised mafic Groundmass appear to be composed mostly of grey FP, and numerous diss CL particles, maybe intermediate but pale grey on fresh broken surface Sulfides are absent, 1% diffused QZ-CB veinlets mostly parallel to the deformation 708.45-708.57m, sheared QZ-CB-CL vein, greysih, 65° TCA	DC770298	707.35	708.35	1.00		0.00	0.00
			DC770299	708.35	708.65	0.30		0.01	0.01
			DC770301	708.65	709.65	1.00		0.00	0.00
			DC770302	714.49	715.49	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		693.17 - 715.49 MDF 60							
		715.49 - 715.49 CTC 47							
715.49	715.92	**I3G** ***Gabbro***	DC770303	715.49	715.92	0.43		0.02	0.02
		Idem to previous I3G Contacts and moderate deformation at 45-50° TCA							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		715.49 - 715.92 MDF 47							
		715.92 - 715.92 CTC 47							
715.92	720.89		DC770304	715.92	716.92	1.00		0.16	0.16
			DC770305	716.92	717.92	1.00		0.00	0.00
			DC770306	717.92	718.92	1.00		0.00	0.00
			DC770307	718.92	719.92	1.00		0.01	0.01
			DC770308	719.92	720.89	0.97		0.01	0.01
		T1L Grey to dark grey, loc greenish, fine to very fine grained groundmass Moderate deformation at 50° TCA 2-3% QZ and QZ-CB veinlets // to the foliation 25% diffused bands or fragments with 5-10% anhedral FP and numerous QZ eyes, a few chloritised fragments Severa very diffused CL particles and loc. Weak CL alt. of the groundmass,. Loc. Very weak eprvasive K+ alt Tr of fine diss PY							
		Structure Maj.: ***Type/Core Angle*** ***Comment***							
		715.92 - 720.89 MDF 50							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		720.89 - 720.89 CTC 50							
720.89	722.50	**I3G** ***Gabbro***	DC770309	720.89	721.89	1.00		0.02	0.02

or Alteration Zone near a very fracture area
Dark green, very fine grained, no CB alt.
Straight sharp upper contact at 50°m, core grinded @772-722.8m
7-8% QZ-CB-CL thin veinlets parallel to the foliation
Weak deformation at 50° TCA
Moderate CB alt. one blue QZ eyes
Mag sus 0.15-1.59

Structure Maj.:	***Type/Core Angle***	***Comment***
720.89 - 722.50	WDF 50	

722.50	726.10	

T1Z
Grey to dark grey, sometimes greenish fine to very fine groundmass
Moderate deformation at 50° TCA
Rare bands with sharp contact // to the foliation with 5-10% anhedraL FP and QZ eyes
<1% very fien diss PY, a few <1mm blue QZ eyes, 5% wisppy CL particles
1% very thin QZ-CB veinlets // to the foliation
Several discontinuous <1mm pale grey streaks, with a CB alt.
Mag Susc. 0.59-3.15

Structure Maj.:	***Type/Core Angle***	***Comment***
722.50 - 726.10	MDF 50	
726.10 - 726.10	CTC 50	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

726.10 727.65 **I3G** ***Gabbro***

Green, fine grained, very fine grained near the contact
Strong CL weak CB alteration
Sharp contacts at 50° TCA,
Undeformed to weak deformation at 50° TCA
7-8% white CB veinlets, high angle TCA, xcutting the deformationTr of very fine diss PY\
Mag \suc. 3.96-6.39

Structure Maj.:	*Type/Core Angle*	*Comment*
726.10 - 727.65	WDF 50	UnDF to WDF

727.65 746.48

T1L
Grey to dark grey, fine to very fine grained
Weak to locally moderate deformation 50-60° TCA
20% of fragments with diffused contacts, weakly chloritised, with 10-15% FP phenocrysts and several QZ eyes, 2-30cm thick
3-4% QZ and QZ-CB veinlets, no pref orientation. Weak K+ alt. of the wallrocks of a few of these veinlets and fractures
Diffused bands with a weak CL alt. tr of diss MG, rare blue QZ eryes and very diffused anhedral FP phenocrysts

Structure Maj.:	*Type/Core Angle*	*Comment*
727.65 - 746.48	MDF 50	
727.65 - 746.48	WDF 50	
746.48 - 746.48	CTC 40	

From (m)	To (m)	Lithology
746.48	746.98	**I3G** ***Gabbro*** Green fine to very fine grained Strong CL alt. Sharp contacts, upper at 40, lower at 50° TCA\Weak deformation at 45° TCA 10% thin CB veinlets mostly // to the foliation ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 746.48 - 746.98 WDF 45 746.98 - 746.98 CTC 50
746.98	767.27	T1L Grey fine to very fine groundmass Bands with a weak to very weak CL alt. of the groundmass. Rare weak fractrue-controlled orange K+ alt. Weak to locally moderate deformation 45-65° TCA 20% 1-30cm fragments with diffused contacts, aligned in the foliation. Large majority of them have a weakly chlortiised groundmass, 15-20% anhedral FP phenocrysts, several QZ eyes, sometimes up to 1% MG2-3% thin QZ-CB veinlets, most are at high angle TCA< and xcutting the deformation Groundmass composed essentially of grey FP, QZTr of diss BO, MG and numerous diss CL particles, a few blue QZ eyes 755-756m, 10% of pale grey 1-2cm thick bands // to the foliation, very diffused veinlets? Bleached? ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 746.98 - 767.27 MDF 55 746.98 - 767.27 WDF 55

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770310	753.00	754.00	1.00		0.00	0.00
DC770311	754.00	755.00	1.00		0.00	0.00
DC770312	755.00	756.00	1.00		0.00	0.00
DC770313	764.27	765.27	1.00		0.02	0.02
DC770314	765.27	766.27	1.00		0.02	0.02
DC770315	766.27	767.27	1.00		0.00	0.00

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
767.27	767.66	**API** ***ISLAND ALTERATION PACKAGE.***	DC770316	767.27	767.66	0.39		1.99	1.99

weakly developed API on the wallrock of a sheared smoky QZ vein
Strong SI, weak to very weak SR alt.
Pale grey very fine grained
2-3% diss PY PO, numerous white very diffused anhedral FP, QZ eyes, and blue QZ eyes
Moderate to strong deformation at 40-45° TCA
767.48-767.62m, white to greyish sheared QZ vein, tr of CL, numerous lamination of wallrocks xenolith deformed and altered, 40° TCA

Structure Maj.:	*Type/Core Angle*	*Comment*
767.27 - 767.66	SDF 42	
767.27 - 767.66	MDF 42	

Vein Maj.:	*Type/Mineral*	*%*	*ca*	*vg*
767.48 - 767.62	QV		40	

767.66	799.55		DC770317	767.66	768.66	1.00		0.04	0.04
			DC770318	768.66	769.66	1.00		0.00	0.00

T1L
Idem to previous T1L
Weak to locally moderate deformation 55-70° TCA

770.5-770.75m, grinded coree
771.65-771.73m, grinded core

Susc. Mag : 5-25
792.3-796m, V1QFP? Fragments are very numerous, clasts supported tuff, locally weak K+ alt.

Structure Maj.:	*Type/Core Angle*	*Comment*
767.66 - 799.55	MDF 62	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		767.66 - 799.55 WDF 63							
799.55	809.68	V1QFP? Or fragment supported T2L 80% of V1QFP, grey, fine to very fine groundmasswith >20% white anehdral FP and QZ grains, 3-10mm, a few blue QZ eyes, several difused CL particles, tr of BO, Weak to very weak deformation 45-60° TCA Very rare veins, no pref. orientation, no sulfide The V1QFP appears to be injected by material more intermediate in composition with 3-5% diss BO, numerous CL grains. The injectioned material is easily visible in the upper part of the unit, and seems more pervasive going down the unit. Numerous discontinuous <1mm CL+BO wisps aligned in the foliation after 804m, CL alt. around them obliterated the FP Possible remobilisation because of the following I3G? 807.50-807.68m, weak to moderate orange K+ alt. on the lower contact Could possibly be a clast supperted T2L Susc. Mag : 6.13; 7.98;1.99;2.54							
809.68	831.00	**I3G** ***Gabbro*** Green, fine to medium grained Groundmass mostly composed of white to greyishcarbonatised FP, and CL. Rare QZ grains, sometimes blue Weak deformation at 50° TCA 1% diss MG-BO 5-6% QZ-CB veinlets mostly // too the foliation Sharp upper contact at 70° TCA, 810.0-810.38m, fragment of T1L 50° TCA							

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Cooked beigeish finer grained near the lower contact Mag Susc : 0.4-5.3; 0.79;4.5;11,3 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 831.00 - 831.00 CTC 50							
831.00	834.00	**I3DD** ***Diabase Dyke*** Black fine grained Undeformed, magnetic groundmass Groundmass of <1mm white FP in a black groundmass Rare thin fractures filled with CB-CL Chilled margin grey and cherty 1cm-wide Sharp upper contact at 50° TCA, core missing at the lower contact	DC770319	833.00	834.00	1.00		0.00	0.00
834.00	853.85	**T2L** ***Intermediate Lapilli Tuff*** Grey and green, fine grained Moderate deformation at 50-60° TCA Alternance of very elongated chloritised lapilli 1-10cm ina grey groundmass, or grey fragments ina chloritised ground mass 10-15% diss CL particles, tr of diss MG 2% QZ-CB veinlets parallel to the deformation 834-837m, stronger deformation, several QZ-CB veinlets, 2-3% PY-PO diss and in strigners	DC770320	834.00	835.00	1.00		0.31	0.31
			DC770321	835.00	836.00	1.00		0.71	0.71
			DC770322	836.00	837.00	1.00		0.45	0.45
			DC770323	837.00	838.00	1.00		0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)

Structure Maj.: ***Type/Core Angle*** ***Comment***

853.85 - 853.85 CTC 55

853.85 855.02 **I3G** ***Gabbro***

Green fine to very fine grained
Strong CL and weak CB alteration
Weak to moderate deformation at 50-60° TCA
5-6% QZ-CB veinlets mostly // to the deformation
Sharp straight contacts at 50° TCA

Structure Maj.: ***Type/Core Angle*** ***Comment***

853.85 - 855.02 MDF 50
853.85 - 855.02 WDF 50
855.02 - 855.02 CTC 50

855.02 856.17 **T2** ***Intermediate Tuff*** DC770324 855.17 856.17 1.00 0.01 0.01

Grey fine to very fine grained groundmass
Several 5-15mm thick chloritised injections in all directions
5-10% diss chloritised grains 1-3mm
Weakly to moderately deformed, but no clear fabric developped
Rare QZ-CB veinlets, broken
855.39-855.63 I3G

Structure Maj.: ***Type/Core Angle*** ***Comment***

856.17 - 856.17 CTC 45

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Minor Interval: 855.39 855.63 I3G *Gabbro* Green fine grained Upper contact at 55°, lower at 70° TCA							
856.17	856.87	**I3G** ***Gabbro*** Green fine to very fine grained Strong CL and CB alteration Sharp upper contact at 45° TCA, sharp lower contact at 55° TCA Weakly deformed, 50° TCA 10% CB veinlets // to the foliation Tr of diss MG ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 856.17 - 856.87 WDF 50 856.87 - 856.87 CTC 55	DC770326	856.17	856.87	0.70		0.02	0.02
856.87	861.03	**T2L** ***Intermediate Lapilli Tuff*** Grey to greenish-grey, fine grained Groundmass mostly composed of grey FP, 15-20% diss CL grains 20% of flattened lapilli, 3-60mm, visible due to diff alt. than the goroundmass, some are strongly chloritised some do not contain CL Weak deformation at 60° TCA No veining, no sulfide 856.87-857.04m, strong deformation on the contact with I3G, 25% CB veinlets // to the foliation, tr of PY ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 856.87 - 861.03 WDF 60	DC770327	856.87	857.30	0.43		0.01	0.01
			DC770328	857.30	858.30	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		861.03 - 861.03 CTC 60							
861.03	861.55	**I3G** ***Gabbro*** Green fine grained Strong CL +CB alt. Weak to moderate deformation at 60° TCA 10% CB veinlets // to the foliation Sharp upper contact at 60° TCA, lower at 45° TCA ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 861.03 - 861.55 MDF 60 861.03 - 861.55 WDF 60 861.55 - 861.55 CTC 45								
861.55	872.22	**T2L** ***Intermediate Lapilli Tuff*** Similar to previous T2L Weakly deformed 60-70° TCA Rare QZ-CB veinlets 869-869.13m, 10% black subhedral chloritoid 869.26-869.42m, strong deformation, 70° TCA, lamination of CL, diffused greyish veins, and QZ-CB veinlets 871.5-872.22m, rare GRT are prsent ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 861.55 - 872.22 WDF 65	DC770329	868.10	869.10	1.00		0.01	0.01
			DC770330	869.10	869.60	0.50		0.08	0.08
			DC770331	869.60	870.60	1.00		0.01	0.01

From (m)	To (m)	Lithology
872.22	892.94	T1L Unlike previous T2L, rare diss CL graisn in the groundmass Grey fine to very fine grained Weak to very weak deformation 50-60° TCA Numerous very diffused lapilli, often weakly chloritised, 5-10cm Rare fractures filled with CB, no sulfide @885-893.35m, numerous extenisonnal QZ and QZ-CB veinlets, 40-50° TCA, boudinage

Structure Maj.:	Type/Core Angle	Comment
872.22 - 892.94	WDF 55	WDF to very WDF|
892.94 - 892.94	CTC 65	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC748152	883.12	884.12	1.00		0.00	0.00
DC748153	884.12	885.12	1.00		0.04	0.04
DC748154	885.12	886.12	1.00		0.04	0.04
DC748155	886.12	887.12	1.00		0.00	0.00
DC748156	887.12	888.12	1.00		0.00	0.00
DC748157	888.12	889.12	1.00		0.08	0.08
DC748158	889.12	890.12	1.00		1.12	1.12
DC748159	890.12	891.12	1.00		0.04	0.04
DC748160	891.12	892.12	1.00		0.80	0.80
DC748161	892.12	893.35	1.23		0.04	0.04

From (m)	To (m)		
892.94	893.35	**I3G**	***Gabbro***

On a contact between T1 and V1
Green fine grained, strong CB+CL
Contacts at 65° TCA, weak deformation at 50° TCA
10% CB veinlets // foliation

Structure Maj.:	Type/Core Angle	Comment
892.94 - 893.35	WDF 50	
893.35 - 893.35	CTC 65	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
893.35	896.60	**V1** ***** Not done yet (See Notes) **[Massive Rhyolite - Dacite]***	DC748163	893.35	893.90	0.55		0.12	0.12
		Extensional brittle fracturing with later ductile - boudinaged like defrm'n., appear 2 key orientations such aligned @: 51 dtca., lesser extent 41 dtca.,	DC748164	893.90	894.85	0.95		0.16	0.16
		Grey fine grained Groudnmass of greyish QZ and FP, diss diffused CL grains	DC748165	894.85	895.75	0.90		0.04	0.04
		Trace of very fine diss PY-PO, very weak CL alt.	DC748166	895.75	896.65	0.90		0.08	0.08
896.60	897.40	**I3G** ***Gabbro***	DC748167	896.65	897.16	0.51		0.04	0.04
		Idem to previous one Diffused contacts Weak deformation at 50° TCA							
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 896.60 - 897.40 WDF 50							
897.40	898.55	**V1** ***Felsic Volcanic***	DC748168	897.16	897.86	0.70		0.00	0.00
		Idem to previous V1	DC748169	897.86	898.60	0.74		0.28	0.28

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
898.55	899.40	**API** ***ISLAND ALTERATION PACKAGE.***	DC748170	898.60	899.00	0.40		1.52	1.52

Moderate to strongly devel'd API. Appears originally to consist of multiple narrow less that 10 mm light grey defuse qtz + some carb bearing v's., have since been significantly disrupted - torn appart, such deformation aligned @: 43 dtca., Assoc'd with defrm'n includes develm't of f.grn'd py + po with f.grn'd chl + some later calc carb.
'

From: 898.60 m's - 899.00 m's., the most intense though most strongly defrm'nd and alt'd., with f.gr'nd chl + sericite + py + po., strongest defrm'n aligned @: 37 dtca., several torn appart qtz v's.

Mag Sus 1.03
'

Peripheral to the narrow API like zone occurs - devel'd intricate network, multiple generation of extensional v's., 1 mm - 5 mm up to 40 mm., light grey subvitreous, sharp contact, qtz rich + tourmalie + some sulphde bearing extensional fract fill v's., aligned @: 06 dtca., x cut by narrow typically less than 10 mm calc carb rich fract fill v's., aligned @: 66 dtca. Less common devel'd @: 75 dtca., x cut by v's aligned @: 11 dtca. The extent of such intricate network of fract fill v's extends from: m's - 905.25 m's.
'

From: 893.90 m's - 894.85 m's., relative large scale, sharp contacts, mildly sinous light grey sub vitreous qtz rich + local abundance massive to some tourmaline like needle devel'nmt - extentional fracturing - infilling such aligned @: 06 dtca.

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From (m)	To (m)	Lithology
899.40	910.85	**V1** ***** Not done yet (See Notes) **[Alt'd Rhyolite - Dacite]***

Grey fine grained
Numerous thin QZ-CB extensional fractures in all directions
Weak deformation of the groundmass at 45° TCA
Weak CL alt., stronger near the fractures and veinlets. Loc. Weak CB alt.
Fractures filled with CL are sometimes very numerous and obliterate everything
Mag. Susc. 0.42-3.43

Structure Maj.:	Type/Core Angle	Comment
899.40 - 910.85	WDF 45	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC748172	899.00	900.00	1.00		0.30	0.30
DC748173	900.00	901.00	1.00		0.08	0.08
DC748174	901.00	902.00	1.00		0.00	0.00
DC748175	902.00	903.00	1.00		0.12	0.12
DC748176	903.00	904.00	1.00		0.04	0.04
DC748177	904.00	905.00	1.00		0.00	0.00
DC748178	905.00	906.00	1.00		0.00	0.00

From (m)	To (m)	Lithology
910.85	936.20	

T1
Grey fine to very fine grained groundmass
Undeformed to weak deformation 60-70° TCA
4-5% QZ-CB veinlets in all directions xcutting the deformation, numerous hairline fractures often filled with CL // to the foliation
Fractures and veins have a CB-CL alt. of their wallrocks. Where fractures are abundant, textures are obliterated by the alt.
2-3% white subhedral FP phenocrysts, 2-3mm, not always present, rare sulfide, <1% diss BO
Mag Susc. 11.1;0.24; 4.39; 0.04; 20.6; 18.3; 10.8;15.9; 9.00; 2.91; 1.88; 4.18

Structure Maj.:	Type/Core Angle	Comment
910.85 - 936.20	WDF 65	UnDF to WDF

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC748179	933.20	934.20	1.00		0.00	0.00
DC748180	934.20	935.20	1.00		0.04	0.04
DC748181	935.20	936.20	1.00		0.00	0.00

From (m)	To (m)	Lithology
936.20	940.32	**V1** ***** Not done yet (See Notes) ***** Rather massive., light grey, f.- med grn'd., ' Mild - mod devel'd API like alt'n., ' Includes a number of interesting looking qtz + some calc carb, assoc'd with some v.f.gr'd., sericite, local increased accummulations of f.grn'd py near - peripheral to the qtz., v's. ' From: 936.20 m's - 936.51 m's., mod - strong devel'd., API like alt'n - defrm'n includes multiple shapr to contorted - disrupted light grey defuse up to 50 mm qtz v's., strong devel'd sericite - defrm'n aligned @:54 dtca. ' From: 938.90 m's., - 939.00 well develped light grey defuse qtz + calc carb bearing v., such alitgned @: 44 dtca. Mag. Susc. : 0.21; 0.03
940.32	945.80	**T2** ***Intermediate Tuff*** Grey fine to very fine grained groundmass, quite homgenous Weak to very weak deformation 55-60° TCA Numerous diffused CL particles, 2-3% diss BO, weakly aligned in the deformation, 1% 2-3mm FP grains, rounded Rare QZ-CB veinlets xcutting the foliation Tr of very fine diss PY, rare blue QZ eyes Very gradual upper contact, 945.6-946.8m, pink (K+?) alt. several CB veinlets xcutting the foliation Mag Susc. 3.44; 7.08

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC748182	936.20	936.55	0.35		11.00	11.00
DC748184	936.55	937.40	0.85		0.00	0.00
DC748185	937.40	938.05	0.65		0.80	0.80
DC748186	938.05	938.70	0.65		0.36	0.36
DC748187	938.70	939.00	0.30		7.32	7.32
DC748189	939.00	940.00	1.00		0.68	0.68
DC748190	940.00	941.00	1.00		0.20	0.20
DC770332	944.50	945.50	1.00		0.36	0.36
DC770333	945.50	945.80	0.30		0.01	0.01

Structure Maj.: ***Type/Core Angle*** ***Comment***

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		940.32 - 945.80 WDF 57 945.80 - 945.80 CTC 30							
945.80	948.41	**I2D** ***Diorite*** Green and beige, medium grained Sharp upper and lower contacts at 30° TCA, Weak to moderate deformation 30-40° TCA Groundmass composed of white to beige-orange weakly carbonatised FP grains, 15-20% diss CL grains, 5% QZ @945.8-946.4m, @947.9-948.41m, groundmass entirely chloritised, 15% vroken QZ-CB veinlets aligned in the deformation Tr of fine diss PY and MG 946.50-946.70m, white QZ vein, 30° TCA, xcut foliation, 5% TL in patches 947.34-947.39m, QZ vein, 40° TCA, xcut foliation Mag.Susc. : 0.82; 15.6	DC770334	945.80	946.80	1.00		0.02	0.02
			DC770335	946.80	947.60	0.80		0.01	0.01
			DC770336	947.60	948.41	0.81		0.01	0.01

Structure Maj.:	*Type/Core Angle*	*Comment*
945.80 - 948.41	MDF 35	
945.80 - 948.41	WDF 35	
948.41 - 948.41	CTC 30	

Vein Maj.:	*Type/Mineral*	*%*	*ca*	*vg*
946.50 - 946.70	QTV		30	
947.34 - 947.39	QV		40	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
948.41	969.00		DC770337	948.41	949.41	1.00		0.00	0.00

T1L
Grey fine grained, very homogenous
Weak to very weak deformation 50-70° TCA
3-4% diss BO often aligned in the foliation
Lapilli are rare near the beginning of the unit, they get more abundant toward the lower contact, usually between 3-10cm, very weakly aligned in the foliation, they are of the same nature as the groundmass and very hard to distinguish.
Rare very weak CL alteration of either the lapilli or the groundmass making the distinction easier
1-2% thin QZ-CB veinlets at high angle TCA, xcutting the foliation
Rare anhedral FP phenocrysts, 2-4mm, more abundant near the upper contact
968-969m , very fine grained groundmass at the lower contact
Mag. Susc. : 2.01-8.22

969.00 975.47 **V1** ***Felsic Volcanic***

Idem to previous T1 but no lapilli
Very faint deformation to weak to measure a fabric
Mag. Susc. 1.6-4.38

From (m)	To (m)	Lithology
975.47	984.30	T1 Grey and green, fine grained Weak to moderate deformation 50-65° TCA 10-15% 1-10cm lapilli aligned in the foliation, often chloritised, some with only their rim chloritised No veining Numerous diss CL particles, 1-2% diss MG Similar to the previous T1 but going toward the gabbro the T1 gets more deformed and altered Tr of diss PY near the lower contact 983-983.6m, numerous fractures in all directions filled with CL Mag. Susc: 0.14-0.9
984.30	993.14	**I3G** ***Gabbro*** Green intensely chloritised groundmass, very fine grained spotted with 5-30% 1mm rounded white CB grains Rare small blebs of PY and rarer PO, 2-5mm Undeformed, weak foliation near the contacts Sharp straight contacts at 45° TCA 2% thin CB veinlets, no pref. orientation, tr of fine diss PY 984.32-984.35m, white QZ vein 45° TCA, 2-3% PY-PO-CPY 990.48-990.62m, white QZ vein, tr of CL, 30° TCA Mag Susc. : 11.8-34.6

Structure Maj.:	Type/Core Angle	Comment
975.47 - 984.30	MDF 57	
975.47 - 984.30	WDF 57	
984.30 - 984.30	CTC 45	

Structure Maj.:	Type/Core Angle	Comment
993.14 - 993.14	CTC 45	

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770338	981.30	982.30	1.00		0.01	0.01
DC770339	982.30	983.30	1.00		0.01	0.01
DC770340	983.30	984.30	1.00		0.01	0.01
DC770341	984.30	984.60	0.30		0.40	0.40
DC770342	984.60	985.60	1.00		0.01	0.01
DC770343	990.40	991.40	1.00		0.01	0.01
DC770344	991.40	992.14	0.74		0.01	0.01
DC770345	992.14	993.14	1.00		0.01	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Vein Maj.: ***Type/Mineral*** ***%*** ***ca*** ***vg***							
		984.32 - 984.35 QV py-po-cpy 2.0 45							
		990.48 - 990.62 QV 30							
993.14	1007.89	**V1** ***Felsic Volcanic***	DC770346	993.14	994.00	0.86		0.24	0.24
		Grey fine to very fine graine groundmass	DC770347	994.00	995.00	1.00		0.01	0.01
		Very weakly deformed, 50-60° TCA	DC770348	995.00	996.00	1.00		0.70	0.70
		Down to 999m, numerous very thin fractures // to the foliation, bleached or silicified wallrocks pale grey, numerous QZ grains in the groundmass, 1% diss PY-PO Locally diss Bo weakly aligned in the foliation	DC770349	996.00	997.00	1.00		0.01	0.01
		After 999m, several injections of chloritised materials, sharp irregular cotnacts, CB alt. and sometimes up to 34% diss MG	DC770351	997.00	998.00	1.00		0.05	0.05
		@993.14-998.5m, 5% of white QZ vein, late, xcutting foliation, 1-6cm, 60-70° TCA	DC770352	998.00	999.00	1.00		0.00	0.00
		1005.3-1007.9m, a few blue QZ eyes, 1-2% diss BO, tr of PO-PY	DC770353	999.00	1000.00	1.00		0.02	0.02
		1004.08-1004.31m, laminated QZ-CB-CL vein, contacts at 50TCA, tr of PY-PO-CPY, rare hairline TL laminations, crenulation of most lamination , boudinage in the CL bands	DC770354	1002.90	1003.90	1.00		0.05	0.05
		Mag Susc. 0.35-0.81	DC770355	1003.90	1004.40	0.50		0.02	0.02
			DC770356	1004.40	1005.40	1.00		0.00	0.00
		Vein Maj.: ***Type/Mineral*** ***%*** ***ca*** ***vg***	DC770357	1005.40	1006.40	1.00		0.05	0.05
		1004.08 - 1004.31 QCL py-po-cpy 0.5 50	DC770358	1006.40	1007.40	1.00		0.00	0.00
1007.90	1010.20	**I3DD** ***Diabase Dyke***							
		Typical diabase							
		Black fine grained undeformed, magnetic							
		Sharp irregular upper contact at roughtly 65° TCA							
		Lower contact at 65° TCA, thin chill margin							
		Mag Susc. 15.8-16.1							

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1010.20	1032.19	**V1** ***Felsic Volcanic*** Grey fine to very fine grained Undeformed to very weak deformation at 70° TCA Irregular injections 1-2cm very chloritised, 1-5% MG, in all directions, more abundant near the upper contacts A few garnet are present, more abundant in the CL injections, mostly anhedral one euhedral, 1-10mm Rare thin QZ-CB veinlets, no pref orientation 1010.2-1017.5m, 1-5% chloritoid, dark greeen to black, 1-15mm, mostly subhedral 1017.5-1032.2m, weakly silicified, 2-3% diss BO, rare rounded lapilli very diffused mostly of V1/T1 QFP 1029.9-1030.6m, 25% QZ eyes, <1% diss PY, several hairline fractures filled with CB in all directions 1030.6-1031.4m, V1QFP, sharp irregular contacts, strong SI alt. 20% anhedral to subhedral beige FP phenocrysts 1031.4-1032.2m, cooked altered in K+ (beige) and SI, several diss QZ eyes, moderate deformation 65° TCA Mag. Susc. : 0.9 to 24;37 toward the lower contact	DC770384	1026.90	1027.90	1.00		0.00	0.00
			DC770385	1027.90	1028.90	1.00		0.00	0.00
			DC770386	1028.90	1029.90	1.00		0.00	0.00
			DC770387	1029.90	1030.70	0.80		0.00	0.00
			DC770388	1030.70	1031.45	0.75		0.00	0.00
			DC770389	1031.45	1032.19	0.74		0.01	0.01
1032.21	1041.54	**I3G** ***Gabbro*** Green to greyish-green, fine to medium grained Sharp upper contact at 65° TCA, lower contact at 30° TCA. 1032.2-1033.2m and 1040.5-141.5m, numerous rounded weakly carbonatised FP phenocrysts and rarer QZ eyes	DC770390	1032.19	1033.19	1.00		0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Undeformed to weakly developped fabric (alignment of BO and CL grains) at 70° TCA Weak to moderate CL+CB alt. Groundmass of altered FP and diffused CL, 5-10% elongated CL particles, 5% diss BO, Rare QZ and QZ-CB veinlets mostly parallel to the deformation Mag. Susc. : 3.05; 10.8; 13.4 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 1032.21 - 1041.54 WDF 70 1041.54 - 1041.54 CTC 30							
1041.54	1063.77	**V1** ***Felsic Volcanic*** Grey, diffused, fine to very fine grained groundmass Weakly deformed but no clear fabric developped Alteration and deformation make it hard to recognize primary texture Several bands where several anhedrap FP phenocrysts and QZ eyes, 1-3mm are present but diffused. Fragmental? Irregular patches with a weak CL alt. of the groundmass QZ and QZ-CB veinlets are rare, tr of fine PY, 1 -2% diss BO often present 1042.3-1047.05m, up to 20% diss chloritoid, 4-15mm, mostly euhedral 1043.40-1043.45m, QZ-CB-EP vein, 45° TCA 1044.03-1044.09m, translucid QZ vein 45° TCA 1048-1051.5m, numerous hairlines fractures with a CL+EP alt. of the wallrock 1058.52-1058.9m, 2x 1-2cm thick smoky QZ veinlets at 70° TCA, strongly silicified wallrocks with 1% PY-PO, very weak API? 1060.45-1060.70m, very broken core, several greyish QZ veinlets with diffused CL in them are present, a few stringers of PY are present, veinlets are at high angle TCA 1063.14-1063.33m, broken white QZ vein, strong beige-orange (K+?) alt of the wallrocks over a few cm Mag. Susc.0.2-54m	DC770391	1042.30	1043.30	1.00		0.01	0.01
			DC770392	1043.30	1044.20	0.90		1.14	1.14
			DC770393	1044.20	1045.20	1.00		0.11	0.11
			DC770394	1056.50	1057.50	1.00		0.06	0.06
			DC770395	1057.50	1058.50	1.00		0.07	0.07
			DC770396	1058.50	1059.25	0.75		2.03	2.03
			DC770397	1059.25	1060.25	1.00		0.98	0.98
			DC770398	1060.25	1061.25	1.00		0.57	0.57
			DC770399	1061.25	1062.25	1.00		0.02	0.02

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
			DC770401	1062.25	1063.00	0.75		0.11	0.11
			DC770421	1063.00	1063.77	0.77		0.07	0.07
1063.80	1077.30	**I3G** ***Gabbro***	DC770422	1063.77	1064.77	1.00		0.04	0.04

Vein Maj.: ***Type/Mineral*** ***%*** ***ca*** ***vg***

1043.40 - 1043.45 QCV ep 45

1044.03 - 1044.09 QV 45

Green fine grained
Strongly chloritised and carbonatised groundmass
Undeformed
5% of thin CB veinlets in all directions
Sharp upper contact at 80° TCA, lower at 30° TCA
Rare diss Py-MG-BO
Mag. Susc.: 0.1-0.35

Structure Maj.: ***Type/Core Angle*** ***Comment***

1077.30 - 1077.30 CTC 30

LITHOLOGY REPORT
- Detailed -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

From (m)	To (m)	Lithology
1077.30	1096.35	T1 Grey fine to very fine grained groundmass with numerous patches with a weak CL alt. Weakly deformed, no clear fabric Lapilli are diffused and rare 3-8cm rounded, similar to V1QFP The mottled CL alt. makes it hard to distinguish what is fragments and what is groundmass 2-3% diss BO, 1-2% diss CL grains, a few rounded FP and QZ 1-2mm slightly larger than the groudnmass 2-3% thin QZ and QZ-CB veinlets, in all directions often broken 1087.85-1087.90m, translucid QZ vein, 65° TCA 1090.5-1096.35m, weak SI alteration, very fine grained Numerous thin fractures in all directions with a beige to greenish alteration around them CL?K+? 1094.14-1094.16m, smoky QZ vein, 60° TCA. Wallrocks intensiley silicified with 2-3% diss Py_PO 3cm on each sides Mag. Susc. : 20.8; 10.8; 4.68; 5.05; 2.30; 1.99; 6.61
		Vein Maj.: ***Type/Mineral*** ***%*** ***ca*** ***vg*** 1087.85 - 1087.90 QV 65 1094.14 - 1094.16 QV 60
1096.35	1098.45	**T2L/API** ***Weak API*** Grey very fine grained Strong SI, no SR alteration, The SI alt has obliterated most of the primary textrues, rare rounded silicified grains are visible, and sometimes the PO-QZ is interstial to the grains making the groundmass Rare diss BO, loc. Very weak diffused CL alt. mostly on the wallrocks of the fractures 2-3% very fine PO and PY, diss but mostly in <1mm fractures with no pref. orientation with QZ Weak deofrmation at 50° TCA Rare larger smoky QZ veinlets, xcutting the deformation 1097.78-1097.83m, broken end of a smoky QZ veinlet, irregular contact roughly aligned at 40° TCA 1098.06-1098.07m, smoky QZ veinlet, 40° TCA, xcut foliation 1098.23-1098.25m, smoky QZ-CL vein, 30° TCA, xcut foliation

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770402	1086.70	1087.70	1.00		0.14	0.14
DC770403	1087.70	1088.00	0.30		1.85	1.85
DC770404	1088.00	1089.00	1.00		0.91	0.91
DC770405	1089.00	1090.00	1.00		1.04	1.04
DC770406	1090.00	1091.00	1.00		0.05	0.05
DC770407	1091.00	1092.00	1.00		0.02	0.02
DC770408	1092.00	1093.00	1.00		0.05	0.05
DC770409	1093.00	1094.00	1.00		5.97	5.97
DC770410	1094.00	1094.35	0.35		30.10	30.10
DC770411	1094.35	1095.35	1.00		0.15	0.15
DC770412	1095.35	1096.35	1.00		0.04	0.04
DC770413	1096.35	1097.00	0.65		0.45	0.45
DC770414	1097.00	1097.70	0.70		1.37	1.37
DC770415	1097.70	1098.45	0.75		2.00	2.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
		Mag. Susc. : 0.78							
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 1096.35 - 1098.45 WDF 50							
1098.50	1117.42	T1L Grey fine to very fine grained groundmass Mottled CL alteration, and several diffused rounded lapilli 1-8cm, often of V1QFP 1-2% diss BO grains more abundant in the CL patches, rare diss PY-PO, rare garnets Several 1-2mm fractures filled with CB-CL-EP Very faint deformation at high angle TCA, no clear fabric 1104.80-1104.84m, broken end of a smoky QZ vein 1107.45-1108.4m, silicified 1107.95-1108.03m, diffused smoky QZ vein, half of it a xenolith of wallrock, 45° TCA Mag. Susc. : 5.56; 22.6; 3.44; 1.10; 3.75; 5.77; 0.98;	DC770416	1098.45	1099.45	1.00		0.14	0.14
			DC770417	1099.45	1100.45	1.00		0.04	0.04
			DC770418	1103.65	1104.65	1.00		0.01	0.01
			DC770419	1104.65	1105.00	0.35		1.61	1.61
			DC770420	1105.00	1106.00	1.00		0.01	0.01
			DC770423	1106.60	1107.45	0.85		0.07	0.07
			DC770424	1107.45	1108.40	0.95		9.60	9.60
			DC770426	1108.40	1109.40	1.00		0.06	0.06

LITHOLOGY REPORT
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From (m)	To (m)	Lithology
1117.42	1125.40	**I2D** ***Diorite*** or another intermediate intrusive Grey, medium grained, slightly diffused phaneritic texture Groundmass mostly composed of rounded 2-3mm grey FP grains, chloritised, 5-10% QZ rarely blue. 15-20% interstial mix of BO+CL. Tr of fine diss PY Undeformed locally a few very diffused hairlines thick chlorite aligned at 55 TCA Sharp and straight upper contact at 30° TCA, lower contact at 40° Rare QZ and QZ-CB veinlets xcuting the deformation, no pref orientation 1124.6-1125.4m, groundmass gets very fine grained, a few QZ and FP grains are intact Mag. Susc. : 0.49; 0.42
1125.40	1158.90	T1 Grey, fine to very fine groundmass with a mottled CL alteration Very faintly deformed, no fabric measurable Bands with very diffused contacts with up to 5% anhedral FP and a few QZ eyes, no change in the groundmass, no contact visible Very rare thin, QZ-CB with no pref orientation Tr of fine diss PY and MG, 1-2% BO, rare GRT where CL is present One rounded lapilli of 5cm-across near the beginiing of the unit of V1QFP 1141.89-1141.92m, smoky QZ vein, hairline lamination of CL in the middle, <1% PY, 30° TCA 1150-1152.5m, several thin fractures mostly at low angle TCA, with a weak K+ alt. of their wallrcock 1158.5-1158.6m, slightly paler grey, <1% diss PY Mag. Susc: 11.21-2.61

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC770427	1121.00	1122.00	1.00		0.01	0.01
DC770428	1122.00	1122.40	0.40		0.29	0.29
DC770429	1122.40	1123.40	1.00		0.29	0.29
DC770430	1140.75	1141.75	1.00		0.01	0.01
DC770431	1141.75	1142.20	0.45		1.07	1.07
DC770432	1142.20	1143.20	1.00		0.02	0.02
DC748191	1157.50	1158.50	1.00		0.52	0.52
DC748192	1158.50	1159.25	0.75		0.72	0.72

Vein Maj.:	Type/Mineral	%	ca	vg

LITHOLOGY REPORT
- Detailed -

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
1158.90	1159.51	**API** ***ISLAND ALTERATION PACKAGE.*** Mod - strongly devel'd API over [V1] Rx's., mod - strong devel'd sericite _ some siliceous alt',n., assoc'd with later f.grn'd diss'd py + some calc carb infill later tight fractures., The API zone appears to have devel'd within a massive f.grn'd - med grn'd possible volcanic flow, rhyolite / dacite matl's., pervaisive f.grn'd alt'n probabale sericite with possibel chl +/- sulphide mineralization. ' From: 1159.35 m's., - 1159.51 m's., rather good looking - relative thick, sharp contact, somewhat banded like, light grey defuse qtz + minor calc carb bearing v., such aligned @: 56 dtca. The uphole API like mat'ls carry locally abundant possible up to 5% - 7% diss'd f.grn'd py. Late less than 5 mm calc carb rich fract fill v's., x cut deformation fabric - such v's. aligned @: 47 dtca and lesser extent 27 dtca. Mag. Susc. 0.1	DC748193	1159.25	1159.52	0.27		3.84	3.84

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From (m)	To (m)	Lithology
1159.51	1183.69	T1 Grey, fine to very fine grained groundmass Mottled CL alteration, the patches of CL contains 2-3% BO and sometimes very fine diss PY Locally looks fragmental but maybe only due to the alteration. 1172-1183.7m a few convincing fragments of V1QFP with the CL alt. going around them, 1-7cm, rounded Weakly deformed, no clear fabric developped <1% thin CB veinlets, no pref orientation, <1% diss BO, numerous diffused CL particles, rare PY A few thin bands with a few rounded white FP phenocrysts. Fragments with the same groundmass? 1174.40-1174.41m, smoky QZ veinlet, 65° TCA, xcut everything 1176.48-1176.53m, white QZ vein, several small fractures in it filled with CB-CL-EP, 70° TCA 1180.1-1181.9m, numerous fractures filled with a bright orange mineral (HM?), moderate CL alteration of the groundmass

Sample #	From	To	Length	Zone	Aufin (ppm)	Aufinc (ppm)
DC748195	1159.52	1160.52	1.00		0.12	0.12
DC770433	1173.25	1174.25	1.00		0.38	0.38
DC770434	1174.25	1174.55	0.30		0.04	0.04
DC770435	1174.55	1175.55	1.00		0.04	0.04
DC770436	1175.55	1176.25	0.70		0.00	0.00
DC770437	1176.25	1176.70	0.45		0.01	0.01
DC770438	1176.70	1177.70	1.00		0.01	0.01
DC770439	1179.10	1180.10	1.00		0.01	0.01
DC770440	1180.10	1181.00	0.90		0.03	0.03
DC770441	1181.00	1182.00	1.00		0.06	0.06
DC770442	1182.00	1183.00	1.00		0.01	0.01

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- Assay -

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Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
111.00	112.03	1.03	DC770157		0.00	0.00	0.00	0.00	
112.03	112.85	0.82	DC770158		0.00	0.00	0.00	0.00	
112.85	113.85	1.00	DC770159		0.00	0.00	0.00	0.00	
118.60	119.60	1.00	DC770160		0.01	0.01	0.00	0.00	
119.60	120.00	0.40	DC770161		0.11	0.11	0.00	0.00	
120.00	121.00	1.00	DC770162		0.01	0.01	0.00	0.00	
125.65	126.65	1.00	DC770163		0.00	0.00	0.00	0.00	
126.65	127.15	0.50	DC770164		0.00	0.00	0.00	0.00	
127.15	128.15	1.00	DC770165		0.00	0.00	0.00	0.00	
286.00	287.00	1.00	DC770207		0.00	0.00	0.00	0.00	
287.00	288.00	1.00	DC770208		0.01	0.01	0.00	0.00	
288.00	289.00	1.00	DC770209		0.00	0.00	0.00	0.00	
289.00	289.87	0.87	DC770210		0.00	0.00	0.00	0.00	
289.87	290.87	1.00	DC770211		0.00	0.00	0.00	0.00	
308.50	309.50	1.00	DC770212		0.00	0.00	0.00	0.00	
309.50	310.35	0.85	DC770213		0.00	0.00	0.00	0.00	
310.35	311.35	1.00	DC770214		0.00	0.00	0.00	0.00	
311.35	312.35	1.00	DC770215		0.00	0.00	0.00	0.00	
326.90	327.90	1.00	DC770216		0.00	0.00	0.00	0.00	
327.90	328.20	0.30	DC770217		0.01	0.01	0.00	0.00	
328.20	329.20	1.00	DC770218		0.01	0.01	0.00	0.00	
335.67	336.67	1.00	DC770219		0.00	0.00	0.00	0.00	
336.67	337.67	1.00	DC770220		0.01	0.01	0.00	0.00	
337.67	338.67	1.00	DC770221		0.00	0.00	0.00	0.00	
338.67	339.65	0.98	DC770222		0.01	0.01	0.00	0.00	
339.65	340.65	1.00	DC770223		0.01	0.01	0.00	0.00	
340.65	341.65	1.00	DC770224		0.01	0.01	0.00	0.00	
341.65	342.30	0.65	DC770226		0.01	0.01	0.00	0.00	

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- Assay -

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Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
342.30	343.00	0.70	DC770227		0.00	0.00	0.00	0.00	
343.00	344.00	1.00	DC770228		0.01	0.01	0.00	0.00	
344.00	345.00	1.00	DC770229		0.01	0.01	0.00	0.00	
345.00	346.00	1.00	DC770230		0.24	0.24	0.00	0.00	
346.00	347.00	1.00	DC770231		0.01	0.01	0.00	0.00	
347.00	347.75	0.75	DC770232		0.03	0.03	0.00	0.00	
347.75	348.50	0.75	DC770233		0.01	0.01	0.00	0.00	
348.50	349.50	1.00	DC770234		0.00	0.00	0.00	0.00	
377.00	378.00	1.00	DC770235		0.00	0.00	0.00	0.00	
378.00	379.00	1.00	DC770236		0.01	0.01	0.00	0.00	
379.00	380.00	1.00	DC770237		0.00	0.00	0.00	0.00	
380.00	381.00	1.00	DC770238		0.00	0.00	0.00	0.00	
388.80	389.80	1.00	DC770239		0.03	0.03	0.00	0.00	
389.80	390.50	0.70	DC770240		0.01	0.01	0.00	0.00	
390.50	391.20	0.70	DC770241		0.00	0.00	0.00	0.00	
391.20	392.20	1.00	DC770242		0.00	0.00	0.00	0.00	
392.20	393.20	1.00	DC770243		0.01	0.01	0.00	0.00	
393.20	394.20	1.00	DC770244		0.00	0.00	0.00	0.00	
394.20	395.20	1.00	DC770245		0.00	0.00	0.00	0.00	
395.20	396.20	1.00	DC770246		0.00	0.00	0.00	0.00	
396.20	397.12	0.92	DC770247		0.01	0.01	0.00	0.00	
397.12	398.12	1.00	DC770248		0.01	0.01	0.00	0.00	
402.63	403.63	1.00	DC770249		0.00	0.00	0.00	0.00	
403.63	404.40	0.77	DC770251		0.00	0.00	0.00	0.00	
404.40	404.80	0.40	DC770252		0.00	0.00	0.00	0.00	
404.80	405.80	1.00	DC770253		0.00	0.00	0.00	0.00	
407.65	408.65	1.00	DC770254		0.00	0.00	0.00	0.00	
408.65	409.00	0.35	DC770255		0.00	0.00	0.00	0.00	

FULL ANALYTICAL REPORT

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Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
409.00	410.00	1.00	DC770256		0.01	0.01	0.00	0.00	
446.00	447.00	1.00	DC770257		0.01	0.01	0.00	0.00	
447.00	448.00	1.00	DC770258		0.01	0.01	0.00	0.00	
448.00	449.00	1.00	DC770259		0.00	0.00	0.00	0.00	
449.00	450.00	1.00	DC770260		0.00	0.00	0.00	0.00	
468.50	469.50	1.00	DC770261		0.01	0.01	0.00	0.00	
469.50	470.50	1.00	DC770262		0.00	0.00	0.00	0.00	
470.50	471.50	1.00	DC770263		0.00	0.00	0.00	0.00	
471.50	472.50	1.00	DC770264		0.00	0.00	0.00	0.00	
472.50	473.50	1.00	DC770265		0.00	0.00	0.00	0.00	
497.70	498.70	1.00	DC770266		0.00	0.00	0.00	0.00	
498.70	499.20	0.50	DC770267		0.00	0.00	0.00	0.00	
499.20	500.20	1.00	DC770268		0.00	0.00	0.00	0.00	
527.20	528.20	1.00	DC770269		0.00	0.00	0.00	0.00	
528.20	529.10	0.90	DC770270		0.00	0.00	0.00	0.00	
529.10	530.10	1.00	DC770271		0.01	0.01	0.00	0.00	
570.80	571.80	1.00	DC770272		0.00	0.00	0.00	0.00	
571.80	572.20	0.40	DC770273		0.00	0.00	0.00	0.00	
572.20	573.00	0.80	DC770274		0.00	0.00	0.00	0.00	
573.00	573.60	0.60	DC770276		0.00	0.00	0.00	0.00	
573.60	574.60	1.00	DC770277		0.01	0.01	0.00	0.00	
645.75	646.75	1.00	DC770278		0.00	0.00	0.00	0.00	
646.75	647.50	0.75	DC770279		0.00	0.00	0.00	0.00	
647.50	648.50	1.00	DC770280		0.00	0.00	0.00	0.00	
659.00	660.00	1.00	DC770281		0.00	0.00	0.00	0.00	
660.00	660.50	0.50	DC770282		0.00	0.00	0.00	0.00	
660.50	661.50	1.00	DC770283		0.00	0.00	0.00	0.00	
669.00	670.00	1.00	DC770284		0.00	0.00	0.00	0.00	

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- Assay -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
670.00	670.60	0.60	DC770285		0.00	0.00	0.00	0.00	
670.60	671.60	1.00	DC770286		0.00	0.00	0.00	0.00	
671.60	672.35	0.75	DC770287		0.00	0.00	0.00	0.00	
672.35	673.16	0.81	DC770288		0.02	0.02	0.00	0.00	
673.16	674.16	1.00	DC770289		0.01	0.01	0.00	0.00	
677.50	678.50	1.00	DC770290		0.01	0.01	0.00	0.00	
678.50	679.15	0.65	DC770291		0.00	0.00	0.00	0.00	
679.15	680.15	1.00	DC770292		0.00	0.00	0.00	0.00	
680.15	680.50	0.35	DC770293		0.00	0.00	0.00	0.00	
680.50	681.20	0.70	DC770294		0.00	0.00	0.00	0.00	
681.20	682.20	1.00	DC770295		0.00	0.00	0.00	0.00	
682.20	683.20	1.00	DC770296		0.00	0.00	0.00	0.00	
683.20	684.20	1.00	DC770297		0.01	0.01	0.00	0.00	
707.35	708.35	1.00	DC770298		0.00	0.00	0.00	0.00	
708.35	708.65	0.30	DC770299		0.01	0.01	0.00	0.00	
708.65	709.65	1.00	DC770301		0.00	0.00	0.00	0.00	
714.49	715.49	1.00	DC770302		0.00	0.00	0.00	0.00	
715.49	715.92	0.43	DC770303		0.02	0.02	0.00	0.00	
715.92	716.92	1.00	DC770304		0.16	0.16	0.00	0.00	
716.92	717.92	1.00	DC770305		0.00	0.00	0.00	0.00	
717.92	718.92	1.00	DC770306		0.00	0.00	0.00	0.00	
718.92	719.92	1.00	DC770307		0.01	0.01	0.00	0.00	
719.92	720.89	0.97	DC770308		0.01	0.01	0.00	0.00	
720.89	721.89	1.00	DC770309		0.02	0.02	0.00	0.00	
753.00	754.00	1.00	DC770310		0.00	0.00	0.00	0.00	
754.00	755.00	1.00	DC770311		0.00	0.00	0.00	0.00	
755.00	756.00	1.00	DC770312		0.00	0.00	0.00	0.00	
764.27	765.27	1.00	DC770313		0.02	0.02	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
765.27	766.27	1.00	DC770314		0.02	0.02	0.00	0.00	
766.27	767.27	1.00	DC770315		0.00	0.00	0.00	0.00	
767.27	767.66	0.39	DC770316		1.99	1.99	0.00	0.00	
767.66	768.66	1.00	DC770317		0.04	0.04	0.00	0.00	
768.66	769.66	1.00	DC770318		0.00	0.00	0.00	0.00	
833.00	834.00	1.00	DC770319		0.00	0.00	0.00	0.00	
834.00	835.00	1.00	DC770320		0.31	0.31	0.00	0.00	
835.00	836.00	1.00	DC770321		0.71	0.71	0.00	0.00	
836.00	837.00	1.00	DC770322		0.45	0.45	0.00	0.00	
837.00	838.00	1.00	DC770323		0.01	0.01	0.00	0.00	
855.17	856.17	1.00	DC770324		0.01	0.01	0.00	0.00	
856.17	856.87	0.70	DC770326		0.02	0.02	0.00	0.00	
856.87	857.30	0.43	DC770327		0.01	0.01	0.00	0.00	
857.30	858.30	1.00	DC770328		0.00	0.00	0.00	0.00	
868.10	869.10	1.00	DC770329		0.01	0.01	0.00	0.00	
869.10	869.60	0.50	DC770330		0.08	0.08	0.00	0.00	
869.60	870.60	1.00	DC770331		0.01	0.01	0.00	0.00	
883.12	884.12	1.00	DC748152		0.00	0.00	0.00	0.00	
884.12	885.12	1.00	DC748153		0.04	0.04	0.00	0.00	
885.12	886.12	1.00	DC748154		0.04	0.04	0.00	0.00	
886.12	887.12	1.00	DC748155		0.00	0.00	0.00	0.00	
887.12	888.12	1.00	DC748156		0.00	0.00	0.00	0.00	
888.12	889.12	1.00	DC748157		0.08	0.08	0.00	0.00	
889.12	890.12	1.00	DC748158		1.12	1.12	0.00	0.00	
890.12	891.12	1.00	DC748159		0.04	0.04	0.00	0.00	
891.12	892.12	1.00	DC748160		0.80	0.80	0.00	0.00	
892.12	893.35	1.23	DC748161		0.04	0.04	0.00	0.00	
893.35	893.90	0.55	DC748163		0.12	0.12	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
893.90	894.85	0.95	DC748164		0.16	0.16	0.00	0.00	
894.85	895.75	0.90	DC748165		0.04	0.04	0.00	0.00	
895.75	896.65	0.90	DC748166		0.08	0.08	0.00	0.00	
896.65	897.16	0.51	DC748167		0.04	0.04	0.00	0.00	
897.16	897.86	0.70	DC748168		0.00	0.00	0.00	0.00	
897.86	898.60	0.74	DC748169		0.28	0.28	0.00	0.00	
898.60	899.00	0.40	DC748170		1.52	1.52	0.00	0.00	
899.00	900.00	1.00	DC748172		0.30	0.30	0.00	0.00	
900.00	901.00	1.00	DC748173		0.08	0.08	0.00	0.00	
901.00	902.00	1.00	DC748174		0.00	0.00	0.00	0.00	
902.00	903.00	1.00	DC748175		0.12	0.12	0.00	0.00	
903.00	904.00	1.00	DC748176		0.04	0.04	0.00	0.00	
904.00	905.00	1.00	DC748177		0.00	0.00	0.00	0.00	
905.00	906.00	1.00	DC748178		0.00	0.00	0.00	0.00	
933.20	934.20	1.00	DC748179		0.00	0.00	0.00	0.00	
934.20	935.20	1.00	DC748180		0.04	0.04	0.00	0.00	
935.20	936.20	1.00	DC748181		0.00	0.00	0.00	0.00	
936.20	936.55	0.35	DC748182		11.00	11.00	0.00	0.00	
936.55	937.40	0.85	DC748184		0.00	0.00	0.00	0.00	
937.40	938.05	0.65	DC748185		0.80	0.80	0.00	0.00	
938.05	938.70	0.65	DC748186		0.36	0.36	0.00	0.00	
938.70	939.00	0.30	DC748187		7.32	7.32	0.00	0.00	
939.00	940.00	1.00	DC748189		0.68	0.68	0.00	0.00	
940.00	941.00	1.00	DC748190		0.20	0.20	0.00	0.00	
944.50	945.50	1.00	DC770332		0.36	0.36	0.00	0.00	
945.50	945.80	0.30	DC770333		0.01	0.01	0.00	0.00	
945.80	946.80	1.00	DC770334		0.02	0.02	0.00	0.00	
946.80	947.60	0.80	DC770335		0.01	0.01	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
947.60	948.41	0.81	DC770336		0.01	0.01	0.00	0.00	
948.41	949.41	1.00	DC770337		0.00	0.00	0.00	0.00	
981.30	982.30	1.00	DC770338		0.01	0.01	0.00	0.00	
982.30	983.30	1.00	DC770339		0.01	0.01	0.00	0.00	
983.30	984.30	1.00	DC770340		0.01	0.01	0.00	0.00	
984.30	984.60	0.30	DC770341		0.40	0.40	0.00	0.00	
984.60	985.60	1.00	DC770342		0.01	0.01	0.00	0.00	
990.40	991.40	1.00	DC770343		0.01	0.01	0.00	0.00	
991.40	992.14	0.74	DC770344		0.01	0.01	0.00	0.00	
992.14	993.14	1.00	DC770345		0.01	0.01	0.00	0.00	
993.14	994.00	0.86	DC770346		0.24	0.24	0.00	0.00	
994.00	995.00	1.00	DC770347		0.01	0.01	0.00	0.00	
995.00	996.00	1.00	DC770348		0.70	0.70	0.00	0.00	
996.00	997.00	1.00	DC770349		0.01	0.01	0.00	0.00	
997.00	998.00	1.00	DC770351		0.05	0.05	0.00	0.00	
998.00	999.00	1.00	DC770352		0.00	0.00	0.00	0.00	
999.00	1000.00	1.00	DC770353		0.02	0.02	0.00	0.00	
1002.90	1003.90	1.00	DC770354		0.05	0.05	0.00	0.00	
1003.90	1004.40	0.50	DC770355		0.02	0.02	0.00	0.00	
1004.40	1005.40	1.00	DC770356		0.00	0.00	0.00	0.00	
1005.40	1006.40	1.00	DC770357		0.05	0.05	0.00	0.00	
1006.40	1007.40	1.00	DC770358		0.00	0.00	0.00	0.00	
1026.90	1027.90	1.00	DC770384		0.00	0.00	0.00	0.00	
1027.90	1028.90	1.00	DC770385		0.00	0.00	0.00	0.00	
1028.90	1029.90	1.00	DC770386		0.00	0.00	0.00	0.00	
1029.90	1030.70	0.80	DC770387		0.00	0.00	0.00	0.00	
1030.70	1031.45	0.75	DC770388		0.00	0.00	0.00	0.00	
1031.45	1032.19	0.74	DC770389		0.01	0.01	0.00	0.00	

FULL ANALYTICAL REPORT

- Assay -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	To (m)	Length (m)	Sample #	Zone Name	Aufin (ppm)	Aufinc (ppm)	%Sulphur	%Veins	Comments
1032.19	1033.19	1.00	DC770390		0.00	0.00	0.00	0.00	
1042.30	1043.30	1.00	DC770391		0.01	0.01	0.00	0.00	
1043.30	1044.20	0.90	DC770392		1.14	1.14	0.00	0.00	
1044.20	1045.20	1.00	DC770393		0.11	0.11	0.00	0.00	
1056.50	1057.50	1.00	DC770394		0.06	0.06	0.00	0.00	
1057.50	1058.50	1.00	DC770395		0.07	0.07	0.00	0.00	
1058.50	1059.25	0.75	DC770396		2.03	2.03	0.00	0.00	
1059.25	1060.25	1.00	DC770397		0.98	0.98	0.00	0.00	
1060.25	1061.25	1.00	DC770398		0.57	0.57	0.00	0.00	
1061.25	1062.25	1.00	DC770399		0.02	0.02	0.00	0.00	
1062.25	1063.00	0.75	DC770401		0.11	0.11	0.00	0.00	
1063.00	1063.77	0.77	DC770421		0.07	0.07	0.00	0.00	
1063.77	1064.77	1.00	DC770422		0.04	0.04	0.00	0.00	
1086.70	1087.70	1.00	DC770402		0.14	0.14	0.00	0.00	
1087.70	1088.00	0.30	DC770403		1.85	1.85	0.00	0.00	
1088.00	1089.00	1.00	DC770404		0.91	0.91	0.00	0.00	
1089.00	1090.00	1.00	DC770405		1.04	1.04	0.00	0.00	
1090.00	1091.00	1.00	DC770406		0.05	0.05	0.00	0.00	
1091.00	1092.00	1.00	DC770407		0.02	0.02	0.00	0.00	
1092.00	1093.00	1.00	DC770408		0.05	0.05	0.00	0.00	
1093.00	1094.00	1.00	DC770409		5.97	5.97	0.00	0.00	
1094.00	1094.35	0.35	DC770410		30.10	30.10	0.00	0.00	
1094.35	1095.35	1.00	DC770411		0.15	0.15	0.00	0.00	
1095.35	1096.35	1.00	DC770412		0.04	0.04	0.00	0.00	
1096.35	1097.00	0.65	DC770413		0.45	0.45	0.00	0.00	
1097.00	1097.70	0.70	DC770414		1.37	1.37	0.00	0.00	
1097.70	1098.45	0.75	DC770415		2.00	2.00	0.00	0.00	
1098.45	1099.45	1.00	DC770416		0.14	0.14	0.00	0.00	

FULL ANALYTICAL REPORT

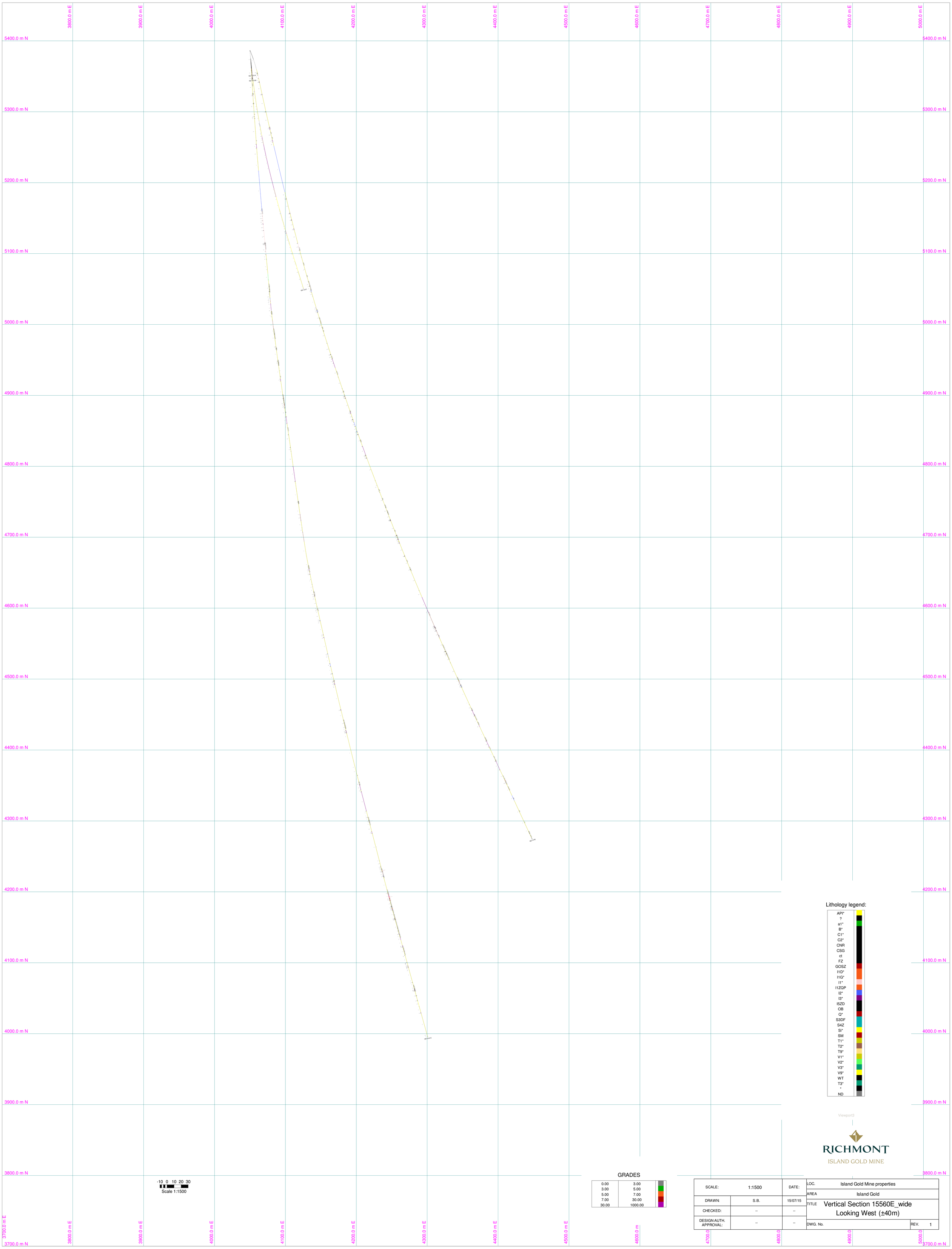
- Assay -

Hole Number **GD-14-02** Project: **ISLAND GOLD 2014** Project Number: **04200**

Assay Report (part 1 of 0)

From (m)	*To* (m)	*Length* (m)	*Sample #*	*Zone Name*	*Aufin* (ppm)	*Aufinc* (ppm)	*%Sulphur*	*%Veins*	*Comments*
1099.45	1100.45	1.00	DC770417		0.04	0.04	0.00	0.00	
1103.65	1104.65	1.00	DC770418		0.01	0.01	0.00	0.00	
1104.65	1105.00	0.35	DC770419		1.61	1.61	0.00	0.00	
1105.00	1106.00	1.00	DC770420		0.01	0.01	0.00	0.00	
1106.60	1107.45	0.85	DC770423		0.07	0.07	0.00	0.00	
1107.45	1108.40	0.95	DC770424		9.60	9.60	0.00	0.00	
1108.40	1109.40	1.00	DC770426		0.06	0.06	0.00	0.00	
1121.00	1122.00	1.00	DC770427		0.01	0.01	0.00	0.00	
1122.00	1122.40	0.40	DC770428		0.29	0.29	0.00	0.00	
1122.40	1123.40	1.00	DC770429		0.29	0.29	0.00	0.00	
1140.75	1141.75	1.00	DC770430		0.01	0.01	0.00	0.00	
1141.75	1142.20	0.45	DC770431		1.07	1.07	0.00	0.00	
1142.20	1143.20	1.00	DC770432		0.02	0.02	0.00	0.00	
1157.50	1158.50	1.00	DC748191		0.52	0.52	0.00	0.00	
1158.50	1159.25	0.75	DC748192		0.72	0.72	0.00	0.00	
1159.25	1159.52	0.27	DC748193		3.84	3.84	0.00	0.00	
1159.52	1160.52	1.00	DC748195		0.12	0.12	0.00	0.00	
1173.25	1174.25	1.00	DC770433		0.38	0.38	0.00	0.00	
1174.25	1174.55	0.30	DC770434		0.04	0.04	0.00	0.00	
1174.55	1175.55	1.00	DC770435		0.04	0.04	0.00	0.00	
1175.55	1176.25	0.70	DC770436		0.00	0.00	0.00	0.00	
1176.25	1176.70	0.45	DC770437		0.01	0.01	0.00	0.00	
1176.70	1177.70	1.00	DC770438		0.01	0.01	0.00	0.00	
1179.10	1180.10	1.00	DC770439		0.01	0.01	0.00	0.00	
1180.10	1181.00	0.90	DC770440		0.03	0.03	0.00	0.00	
1181.00	1182.00	1.00	DC770441		0.06	0.06	0.00	0.00	
1182.00	1183.00	1.00	DC770442		0.01	0.01	0.00	0.00	

Distance (m)	*Sample #*	*Sample Type*	*Duplicate of*	*Standard name*	*Laboratory*
0.00	DC748151	Blank			Wesdome Gold Mines Ltd
340.65	DC770225	Standard		SH69	Actlabs
402.63	DC770250	Standard		SN75	Actlabs
572.20	DC770275	Standard		SK78	Actlabs
708.35	DC770300	Standard		SI64	Actlabs
855.17	DC770325	Standard		SH69	Actlabs
893.35	DC748162	Standard		SK78	Wesdome Gold Mines Ltd
899.00	DC748171	Blank			Wesdome Gold Mines Ltd
936.55	DC748183	Blank			Wesdome Gold Mines Ltd
939.00	DC748188	Blank			Wesdome Gold Mines Ltd
996.00	DC770350	Standard		SN75	Actlabs
1061.25	DC770400	Standard		SP59	Actlabs
1107.45	DC770425	Standard		SK78	Actlabs
1159.52	DC748194	Blank			Wesdome Gold Mines Ltd



Lithology legend:

API*
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a1*
B*
C1*
C2*
CNR
CSG
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GOSZ
I1D*
I1G*
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I5ZD
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Viewport3

RICHMONT
ISLAND GOLD MINE

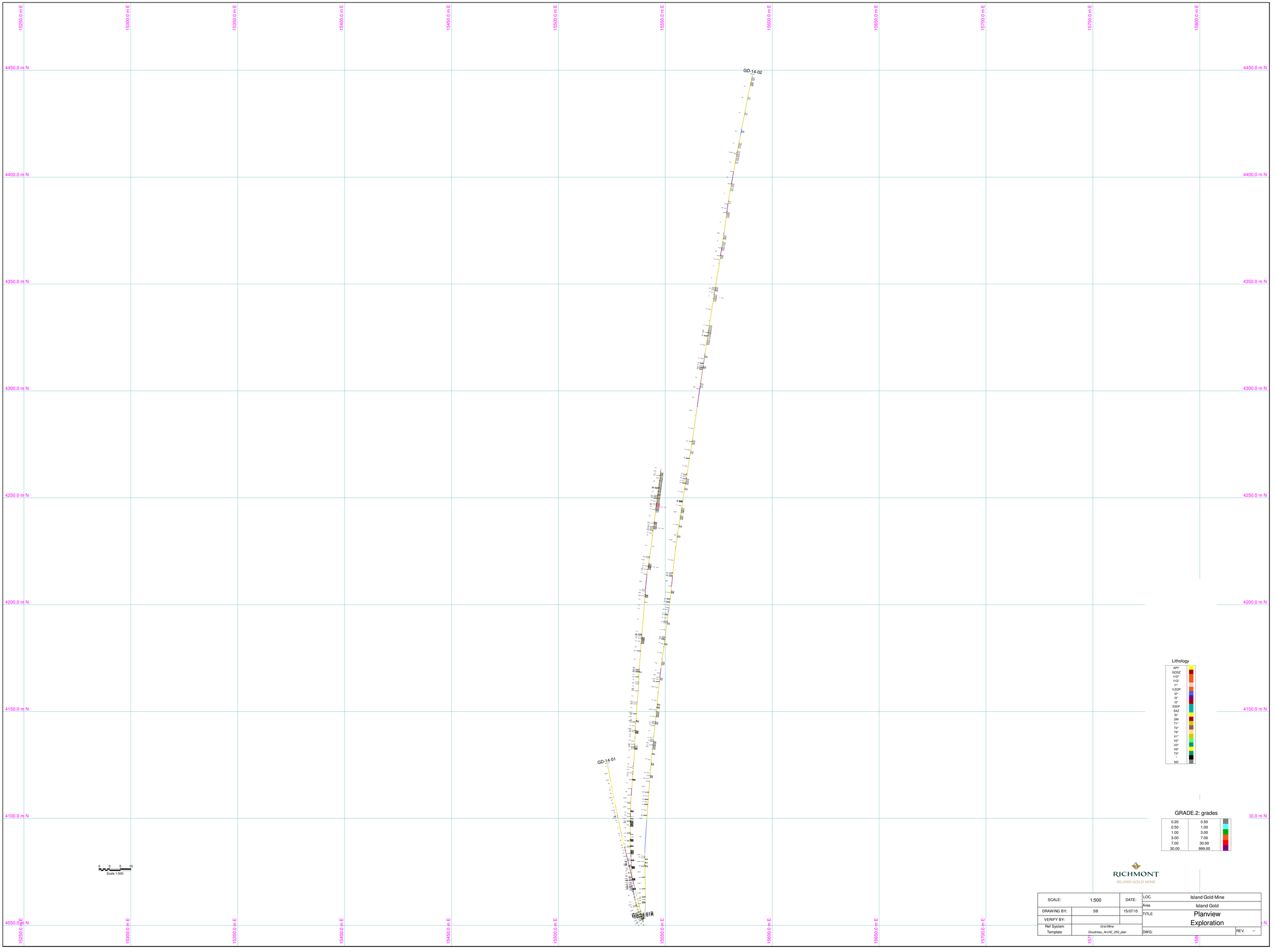
-10 0 10 20 30
Scale 1:1500

GRADES

0.00	3.00
3.00	5.00
5.00	7.00
7.00	30.00
30.00	1000.00

SCALE:	1:1500	DATE:	
DRAWN:	S.B.	15/07/15	
CHECKED:	--	--	
DESIGN AUTH. APPROVAL:	--	--	

LOC. Island Gold Mine properties
AREA Island Gold
TITLE Vertical Section 15560E_wide
Looking West (±40m)
DWG. No.
REV. 1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4400.0 m N
4350.0 m N
4300.0 m N
4250.0 m N
4200.0 m N
4150.0 m N
4100.0 m N
4050.0 m N
GD-14-02
GD-14-01
GD-14-01R
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Scale 1:500
Lithology
APS*
GOSZ
I1D*
I1G*
I1*
I1ZGP
I2*
I3*
I7*
S3DF
S4Z
S*
SM
T1*
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T9*
V1*
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T3*
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GRADE.2: grades
0.20 0.50
0.50 1.00
1.00 3.00
3.00 7.00
7.00 30.00
30.00 999.00
RICHMONT
ISLAND GOLD MINE
SCALE: 1:500
DATE:
DRAWING BY: SB 15/07/15
VERIFY BY:
Ref System Template: Grid Mine Goudreau_ArchE_250_plan
LOC. Island Gold Mine
Area Island Gold
TITLE Planview Exploration
DWG:
REV. --

Quality Analysis ... *Innovative Technologies*

Date Submitted: 01-May-15
Invoice No.: A15-03017
Invoice Date: 20-May-15
Your Reference: Island Gold Mine

Richmont Mines Inc.
Goudreau Road
P. O. Box 456
Dubreuilville Ontario P0S 1B0

ATTN: Sylvie Boulay

CERTIFICATE OF ANALYSIS

123 Core samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Richmont Tbay Au - Fire Assay AA
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)

REPORT **A15-03017**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC770157	< 0.005	
DC770158	< 0.005	
DC770159	< 0.005	
DC770160	0.006	
DC770161	0.111	
DC770162	0.010	
DC770163	< 0.005	
DC770164	< 0.005	
DC770165	< 0.005	
DC770207	< 0.005	
DC770208	0.007	
DC770209	< 0.005	
DC770210	< 0.005	
DC770211	< 0.005	
DC770212	< 0.005	
DC770213	< 0.005	
DC770214	< 0.005	
DC770215	< 0.005	
DC770216	< 0.005	
DC770217	0.014	
DC770218	0.006	
DC770219	< 0.005	
DC770220	0.007	
DC770221	< 0.005	
DC770222	0.006	
DC770223	0.007	
DC770224	0.014	
DC770225	1.31	
DC770226	0.008	
DC770227	< 0.005	
DC770228	0.009	
DC770229	0.006	
DC770230	0.235	
DC770231	0.013	
DC770232	0.025	
DC770233	0.009	
DC770234	< 0.005	
DC770235	< 0.005	
DC770236	0.007	
DC770237	< 0.005	
DC770238	< 0.005	
DC770239	0.029	
DC770240	0.007	
DC770241	< 0.005	
DC770242	< 0.005	
DC770243	0.014	
DC770244	< 0.005	
DC770245	< 0.005	
DC770246	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC770247	0.009	
DC770248	0.009	
DC770249	< 0.005	
DC770250	> 3.00	8.57
DC770251	< 0.005	
DC770252	< 0.005	
DC770253	< 0.005	
DC770254	< 0.005	
DC770255	< 0.005	
DC770256	0.006	
DC770257	0.009	
DC770258	0.011	
DC770259	< 0.005	
DC770260	< 0.005	
DC770261	0.007	
DC770262	< 0.005	
DC770263	< 0.005	
DC770264	< 0.005	
DC770265	< 0.005	
DC770266	< 0.005	
DC770267	< 0.005	
DC770268	< 0.005	
DC770269	< 0.005	
DC770270	< 0.005	
DC770271	0.011	
DC770272	< 0.005	
DC770273	< 0.005	
DC770274	< 0.005	
DC770275	> 3.00	4.14
DC770276	< 0.005	
DC770277	0.005	
DC770278	< 0.005	
DC770279	< 0.005	
DC770280	< 0.005	
DC770281	< 0.005	
DC770282	< 0.005	
DC770283	< 0.005	
DC770284	< 0.005	
DC770285	< 0.005	
DC770286	< 0.005	
DC770287	< 0.005	
DC770288	0.021	
DC770289	0.012	
DC770290	0.006	
DC770291	< 0.005	
DC770292	< 0.005	
DC770293	< 0.005	
DC770294	< 0.005	
DC770295	< 0.005	
DC770296	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC770297	0.007	
DC770298	< 0.005	
DC770299	0.008	
DC770300	1.73	
DC770301	< 0.005	
DC770302	< 0.005	
DC770303	0.019	
DC770304	0.158	
DC770305	< 0.005	
DC770306	< 0.005	
DC770307	0.010	
DC770308	0.010	
DC770309	0.018	
DC770310	< 0.005	
DC770311	< 0.005	
DC770312	< 0.005	
DC770313	0.024	
DC770314	0.018	
DC770315	< 0.005	
DC770316	1.99	
DC770317	0.039	
DC770318	< 0.005	
DC770319	< 0.005	
DC770320	0.311	

QC

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
CDN-GS-5J Meas		4.57
CDN-GS-5J Cert		4.90
OxD108 Meas	0.409	
OxD108 Cert	0.414	
OxD108 Meas	0.421	
OxD108 Cert	0.414	
OxD108 Meas	0.424	
OxD108 Cert	0.414	
OxD108 Meas	0.395	
OxD108 Cert	0.414	
OxD108 Meas	0.407	
OxD108 Cert	0.414	
SE68 Meas	0.607	
SE68 Cert	0.599	
SE68 Meas	0.614	
SE68 Cert	0.599	
SE68 Meas	0.591	
SE68 Cert	0.599	
SE68 Meas	0.573	
SE68 Cert	0.599	
SE68 Meas	0.607	
SE68 Cert	0.599	
TB-GS-5A Meas		5.15
TB-GS-5A Cert		5.032
DC770207 Orig	< 0.005	
DC770207 Dup	< 0.005	
DC770217 Orig	0.014	
DC770217 Dup	0.014	
DC770224 Orig	0.013	
DC770224 Dup	0.014	
DC770227 Orig	< 0.005	
DC770227 Split	< 0.005	
DC770227 Orig	< 0.005	
DC770227 Dup	< 0.005	
DC770241 Orig	< 0.005	
DC770241 Dup	< 0.005	
DC770247 Orig	0.009	
DC770247 Split	0.006	
DC770251 Orig	< 0.005	
DC770251 Dup	< 0.005	
DC770257 Orig	0.009	
DC770257 Split	0.007	
DC770261 Orig	0.006	
DC770261 Dup	0.007	
DC770274 Orig	< 0.005	
DC770274 Dup	< 0.005	
DC770284 Orig	< 0.005	
DC770284 Dup	< 0.005	
DC770287 Orig	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC770287 Split	< 0.005	
DC770294 Orig	< 0.005	
DC770294 Dup	< 0.005	
DC770297 Orig	0.007	
DC770297 Split	0.006	
DC770307 Orig	0.010	
DC770307 Dup	0.010	
DC770317 Orig	0.039	
DC770317 Split	0.041	
DC770317 Orig	0.034	
DC770317 Dup	0.043	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.03
Method Blank	< 0.005	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 01-May-15
Invoice No.: A15-03019
Invoice Date: 22-May-15
Your Reference: Island Gold Mine

Richmont Mines Inc.
Goudreau Road
P. O. Box 456
Dubreuilville Ontario P0S 1B0

ATTN: Sylvie Boulay

CERTIFICATE OF ANALYSIS

97 Core samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Richmont Tbay Au - Fire Assay AA

REPORT **A15-03019**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC770321	0.711	
DC770322	0.445	
DC770323	0.011	
DC770324	0.012	
DC770325	1.31	
DC770326	0.022	
DC770327	0.010	
DC770328	< 0.005	
DC770329	0.006	
DC770330	0.073	
DC770331	0.011	
DC770332	0.358	
DC770333	0.013	
DC770334	0.022	
DC770335	0.006	
DC770336	0.010	
DC770337	< 0.005	
DC770338	0.011	
DC770339	0.005	
DC770340	0.013	
DC770341	0.395	
DC770342	0.005	
DC770343	0.007	
DC770344	0.013	
DC770345	0.009	
DC770346	0.236	
DC770347	0.008	
DC770348	0.695	
DC770349	0.009	
DC770350	> 3.00	8.78
DC770351	0.050	
DC770352	< 0.005	
DC770353	0.022	
DC770354	0.052	
DC770355	0.016	
DC770356	< 0.005	
DC770357	0.047	
DC770358	< 0.005	
DC770384	< 0.005	
DC770385	< 0.005	
DC770386	< 0.005	
DC770387	< 0.005	
DC770388	< 0.005	
DC770389	0.007	
DC770390	< 0.005	
DC770391	0.007	
DC770392	1.14	
DC770393	0.111	
DC770394	0.061	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC770395	0.070	
DC770396	2.03	
DC770397	0.979	
DC770398	0.574	
DC770399	0.023	
DC770400	> 3.00	17.4
DC770401	0.107	
DC770402	0.135	
DC770403	1.85	
DC770404	0.895	
DC770405	1.04	
DC770406	0.053	
DC770407	0.024	
DC770408	0.050	
DC770409	> 3.00	5.97
DC770410	> 3.00	29.6
DC770411	0.151	
DC770412	0.042	
DC770413	0.452	
DC770414	1.37	
DC770415	2.00	
DC770416	0.143	
DC770417	0.036	
DC770418	0.006	
DC770419	1.61	
DC770420	0.006	
DC770421	0.073	
DC770422	0.039	
DC770423	0.068	
DC770424	> 3.00	9.60
DC770425	> 3.00	4.14
DC770426	0.057	
DC770427	0.005	
DC770428	0.291	
DC770429	0.288	
DC770430	0.011	
DC770431	1.07	
DC770432	0.023	
DC770433	0.381	
DC770434	0.042	
DC770435	0.042	
DC770436	< 0.005	
DC770437	0.010	
DC770438	0.005	
DC770439	0.013	
DC770440	0.034	
DC770441	0.063	
DC770442	0.014	

QC

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
CDN-GS-5J Meas		4.97
CDN-GS-5J Cert		4.90
OxD108 Meas	0.416	
OxD108 Cert	0.414	
OxD108 Meas	0.410	
OxD108 Cert	0.414	
OxD108 Meas	0.403	
OxD108 Cert	0.414	
OxD108 Meas	0.429	
OxD108 Cert	0.414	
SE68 Meas	0.593	
SE68 Cert	0.599	
SE68 Meas	0.595	
SE68 Cert	0.599	
SE68 Meas	0.608	
SE68 Cert	0.599	
SE68 Meas	0.614	
SE68 Cert	0.599	
TB-GS-5A Meas		5.01
TB-GS-5A Cert		5.032
DC770330 Orig	0.066	
DC770330 Dup	0.081	
DC770340 Orig	0.011	
DC770340 Dup	0.014	
DC770351 Orig	0.050	
DC770351 Split	0.043	
DC770352 Orig	< 0.005	
DC770352 Dup	< 0.005	
DC770389 Orig	0.007	
DC770389 Dup	0.006	
DC770395 Orig	0.070	
DC770395 Split	0.082	
DC770399 Orig	0.023	
DC770399 Dup	0.023	
DC770404 Orig	0.869	
DC770404 Dup	0.920	
DC770405 Orig	1.04	
DC770405 Split	0.955	
DC770409 Orig	> 3.00	
DC770409 Dup	> 3.00	
DC770410 Orig		28.7
DC770410 Dup		30.6
DC770422 Orig	0.041	
DC770422 Dup	0.038	
DC770432 Orig	0.025	
DC770432 Dup	0.021	
DC770435 Orig	0.042	
DC770435 Split	0.051	
DC770442 Orig	0.015	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC770442 Dup	0.014	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.03
Method Blank	< 0.005	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 04-May-15
Invoice No.: A15-03049
Invoice Date: 24-May-15
Your Reference: Island Gold Mine

Richmont Mines Inc.
Goudreau Road
P. O. Box 456
Dubreuilville Ontario P0S 1B0

ATTN: Sylvie Boulay

CERTIFICATE OF ANALYSIS

195 Core samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Richmont Tbay Au - Fire Assay AA

REPORT **A15-03049**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Total includes all elements in % oxide to the left of total. Values above the upper limit should be assayed for most accurate values.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 04-May-15
Invoice No.: A15-03049
Invoice Date: 24-May-15
Your Reference: Island Gold Mine

Richmont Mines Inc.
Goudreau Road
P. O. Box 456
Dubreuilville Ontario P0S 1B0

ATTN: Sylvie Boulay

CERTIFICATE OF ANALYSIS

195 Core samples were submitted for analysis.

The following analytical package was requested: Code 4E-Expl (1-10) INAA(INAAGEO)/Major Elements Fusion ICP(WRA)/Total Digestion ICP(TOTAL)

REPORT **A15-03049**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Total includes all elements in % oxide to the left of total. Values above the upper limit should be assayed for most accurate values.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Bi	Cd	Cu	Mo	Ni	Pb	S	Zn	Al2O3	Be	CaO	Fe2O3(T)	K2O	LOI	MgO	MnO	Na2O	P2O5	SiO2	Sr	TiO2	Total	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm
Lower Limit	2	0.5	1	2	1	5	0.001	1	0.01	1	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	2	0.005	0.01	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
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Analyte Symbol	Bi	Cd	Cu	Mo	Ni	Pb	S	Zn	Al2O3	Be	CaO	Fe2O3(T)	K2O	LOI	MgO	MnO	Na2O	P2O5	SiO2	Sr	TiO2	Total	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm
Lower Limit	2	0.5	1	2	1	5	0.001	1	0.01	1	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	2	0.005	0.01	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
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Analyte Symbol	Bi	Cd	Cu	Mo	Ni	Pb	S	Zn	Al2O3	Be	CaO	Fe2O3(T)	K2O	LOI	MgO	MnO	Na2O	P2O5	SiO2	Sr	TiO2	Total	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm
Lower Limit	2	0.5	1	2	1	5	0.001	1	0.01	1	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	2	0.005	0.01	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
DC746934																							
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DC746982																							
DC746983																							

Analyte Symbol	Bi	Cd	Cu	Mo	Ni	Pb	S	Zn	Al2O3	Be	CaO	Fe2O3(T)	K2O	LOI	MgO	MnO	Na2O	P2O5	SiO2	Sr	TiO2	Total	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm
Lower Limit	2	0.5	1	2	1	5	0.001	1	0.01	1	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	2	0.005	0.01	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
DC746984																							
DC746985																							
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DC789019																							
DC789020																							
DC789021																							
DC789022																							
DC731907	< 2	< 0.5	39	< 2	54	< 5	0.094	67	15.27	< 1	4.20	4.89	0.57	6.35	2.54	0.08	4.39	0.19	59.57	277	0.500	98.54	71
DC731908	< 2	< 0.5	109	< 2	124	< 5	0.146	79	15.77	< 1	10.26	14.22	0.01	3.44	7.54	0.20	0.67	0.09	47.13	190	1.054	100.4	303
DC731909	< 2	< 0.5	74	< 2	31	< 5	0.012	59	16.33	< 1	2.42	6.18	0.27	2.62	1.72	0.07	6.62	0.14	63.61	76	0.504	100.5	84
DC731910	< 2	< 0.5	3	< 2	430	< 5	0.006	55	9.51	1	12.50	7.11	1.15	18.86	8.65	0.21	1.78	0.28	39.73	430	0.572	100.3	96
DC731911	< 2	< 0.5	71	< 2	29	< 5	0.026	59	15.22	< 1	2.86	4.76	0.71	2.28	1.44	0.07	5.68	0.12	65.77	375	0.421	99.31	66
DC731912	< 2	< 0.5	5	< 2	400	< 5	0.003	65	9.22	< 1	11.82	6.60	0.29	18.69	10.44	0.15	1.13	0.28	40.87	242	0.598	100.1	105
DC731913	< 2	< 0.5	19	< 2	30	< 5	0.005	54	17.31	1	4.03	5.65	1.45	2.01	0.90	0.07	2.07	0.10	65.44	361	0.527	99.55	94
DC731914	< 2	< 0.5	94	< 2	47	< 5	0.120	92	12.50	< 1	7.62	15.71	0.02	7.91	4.88	0.20	2.23	0.16	46.67	228	1.660	99.57	308
DC731915	< 2	< 0.5	31	< 2	28	< 5	0.065	51	16.19	1	4.17	4.94	1.71	1.16	1.65	0.06	3.02	0.15	66.85	211	0.519	100.4	79
DC747000																							

Results

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	0.5	2	3	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	MULT INAA / TD-ICP	INAA	MULT INAA/FUSICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DC746836			0.010																				
DC746837			0.005																				
DC746838			< 0.005																				
DC746839			0.006																				
DC746840			0.040																				
DC746841			0.006																				
DC746842			< 0.005																				
DC746843			0.007																				
DC746844			< 0.005																				
DC746845			< 0.005																				
DC746846			< 0.005																				
DC746847			< 0.005																				
DC746848			< 0.005																				
DC746849			< 0.005																				
DC746850			> 3.00																				
DC746851			< 0.005																				
DC746852			0.005																				
DC746853			< 0.005																				
DC746854			0.006																				
DC746855			< 0.005																				
DC746856			< 0.005																				
DC746857			< 0.005																				
DC746858			< 0.005																				
DC746859			< 0.005																				
DC746860			< 0.005																				
DC746861			< 0.005																				
DC746862			0.015																				
DC746863			0.009																				
DC746864			0.006																				
DC746865			0.010																				
DC746866			0.006																				
DC746867			< 0.005																				
DC746868			< 0.005																				
DC746869			0.011																				
DC746870			0.028																				
DC746871			0.015																				
DC746872			0.009																				
DC746873			0.094																				
DC746874			0.040																				
DC746875			1.50																				
DC746876			0.018																				
DC746877			0.147																				
DC746878			0.018																				
DC746879			0.081																				
DC746880			0.425																				
DC746881			0.047																				
DC746882			< 0.005																				

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	0.5	2	3	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	MULT INAA / TD-ICP	INAA	MULT INAA/FUSI CP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DC746883			< 0.005																				
DC746884			0.006																				
DC746885			0.016																				
DC746886			0.793																				
DC746887			0.035																				
DC746888			0.009																				
DC746889			0.183																				
DC746890			0.013																				
DC746891			< 0.005																				
DC746892			0.008																				
DC746893			0.046																				
DC746894			0.029																				
DC746895			< 0.005																				
DC746896			0.011																				
DC746897			0.007																				
DC746898			< 0.005																				
DC746899			0.007																				
DC746900			> 3.00																				
DC746901			0.008																				
DC746902			0.055																				
DC746903			0.020																				
DC746904			2.29																				
DC746905			< 0.005																				
DC746906			0.005																				
DC746907			0.010																				
DC746908			0.014																				
DC746909			0.067																				
DC746910			0.473																				
DC746911			0.037																				
DC746912			0.008																				
DC746913			0.141																				
DC746914			0.682																				
DC746915			0.258																				
DC746916			0.062																				
DC746917			< 0.005																				
DC746918			0.305																				
DC746919			0.042																				
DC746920			0.204																				
DC746921			0.075																				
DC746922			0.075																				
DC746923			0.288																				
DC746924			0.010																				
DC746925			0.023																				
DC746926			< 0.005																				
DC746927			0.073																				
DC746928			0.131																				
DC746929			> 3.00																				
DC746930			> 3.00																				
DC746931			0.013																				

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	0.5	2	3	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	MULT INAA / TD-ICP	INAA	MULT INAA/FUSICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DC746932			0.860																				
DC746933			0.010																				
DC746934			0.027																				
DC746935			0.022																				
DC746936			0.027																				
DC746937			0.014																				
DC746938			0.060																				
DC746939			0.035																				
DC746940			0.610																				
DC746941			0.294																				
DC746942			0.022																				
DC746943			0.017																				
DC746944			0.015																				
DC746945			0.148																				
DC746946			0.063																				
DC746947			0.062																				
DC746948			0.019																				
DC746949			> 3.00																				
DC746950			0.038																				
DC746951			0.087																				
DC746952			0.025																				
DC746953			0.269																				
DC746954			0.042																				
DC746955			0.040																				
DC746956			0.052																				
DC746957			0.048																				
DC746958			0.066																				
DC746959			0.064																				
DC746960			0.127																				
DC746961			0.051																				
DC746962			0.350																				
DC746963			0.232																				
DC746964			0.286																				
DC746965			0.044																				
DC746966			0.285																				
DC746967			0.241																				
DC746968			0.324																				
DC746969			0.225																				
DC746970			0.255																				
DC746971			0.111																				
DC746972			0.213																				
DC746973			1.14																				
DC746974			0.035																				
DC746975			1.31																				
DC746976			0.026																				
DC746977			0.005																				
DC746978			< 0.005																				
DC746979			0.010																				
DC746980			< 0.005																				

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	0.5	2	3	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	MULT INAA / TD-ICP	INAA	MULT INAA/FUSICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DC746981			0.029																				
DC746982			0.007																				
DC746983			0.012																				
DC746984			0.010																				
DC746985			< 0.005																				
DC746986			0.049																				
DC746987			0.302																				
DC746988			0.026																				
DC746989			0.023																				
DC746990			0.084																				
DC746991			> 3.00																				
DC746992			0.149																				
DC746993			0.054																				
DC746994			0.018																				
DC746995			0.150																				
DC746996			0.007																				
DC746997			0.020																				
DC746998			0.035																				
DC789001			0.034																				
DC789002			0.064																				
DC789003			0.252																				
DC789004			0.282																				
DC789005			0.046																				
DC789006			0.355																				
DC789007			0.137																				
DC789008			0.068																				
DC789009			0.078																				
DC789010			0.032																				
DC789011			0.005																				
DC789012			0.101																				
DC789013			0.048																				
DC789014			0.040																				
DC789015			0.008																				
DC789016			< 0.005																				
DC789017			< 0.005																				
DC789018			< 0.005																				
DC789019			< 0.005																				
DC789020			< 0.005																				
DC789021			< 0.005																				
DC789022			< 0.005																				
DC731907	12	134		< 5	< 0.5	5	176	< 1	19	114	< 0.5	3.0	< 1	< 5	< 20	< 0.2	9.8	< 3	< 1	2.4	< 0.5	< 3	17.9
DC731908	18	62		< 5	< 0.5	10	6	< 1	51	240	< 0.5	< 0.5	< 1	< 5	< 20	1.3	38.0	< 3	< 1	< 0.5	< 0.5	< 3	3.6
DC731909	11	120		< 5	< 0.5	< 2	65	< 1	16	79	< 0.5	3.0	< 1	< 5	< 20	< 0.2	9.8	< 3	< 1	1.9	< 0.5	< 3	14.9
DC731910	12	130		< 5	< 0.5	< 2	371	< 1	35	638	< 0.5	3.0	< 1	< 5	< 20	< 0.2	12.0	< 3	< 1	7.0	< 0.5	< 3	41.2
DC731911	12	137		< 5	< 0.5	< 2	253	< 1	16	87	< 0.5	3.0	< 1	< 5	< 20	< 0.2	8.1	< 3	< 1	2.5	1.5	< 3	17.3
DC731912	12	129		< 5	< 0.5	< 2	127	< 1	40	706	< 0.5	3.0	< 1	< 5	< 20	< 0.2	13.8	< 3	< 1	6.4	0.9	< 3	42.7
DC731913	11	134		< 5	< 0.5	< 2	394	< 1	13	51	3.0	3.0	< 1	< 5	< 20	< 0.2	10.2	< 3	< 1	2.5	< 0.5	< 3	14.4
DC731914	34	114		< 5	< 0.5	< 2	7	< 1	39	81	< 0.5	3.0	< 1	< 5	< 20	< 0.2	34.5	< 3	< 1	< 0.5	< 0.5	< 3	5.3
DC731915	13	138		< 5	< 0.5	< 2	308	< 1	15	67	< 0.5	4.0	< 1	< 5	< 20	< 0.2	8.9	< 3	< 1	2.9	< 0.5	< 3	18.2

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	0.5	2	3	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	MULT INAA / TD-ICP	INAA	MULT INAA/FUSICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DC747000			> 3.00																				

Results

Analyte Symbol	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.1	0.5	0.1	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
DC746836									
DC746837									
DC746838									
DC746839									
DC746840									
DC746841									
DC746842									
DC746843									
DC746844									
DC746845									
DC746846									
DC746847									
DC746848									
DC746849									
DC746850									16.8
DC746851									
DC746852									
DC746853									
DC746854									
DC746855									
DC746856									
DC746857									
DC746858									
DC746859									
DC746860									
DC746861									
DC746862									
DC746863									
DC746864									
DC746865									
DC746866									
DC746867									
DC746868									
DC746869									
DC746870									
DC746871									
DC746872									
DC746873									
DC746874									
DC746875									
DC746876									
DC746877									
DC746878									
DC746879									
DC746880									
DC746881									
DC746882									
DC746883									
DC746884									

Analyte Symbol	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.1	0.5	0.1	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
DC746885									
DC746886									
DC746887									
DC746888									
DC746889									
DC746890									
DC746891									
DC746892									
DC746893									
DC746894									
DC746895									
DC746896									
DC746897									
DC746898									
DC746899									
DC746900									8.15
DC746901									
DC746902									
DC746903									
DC746904									
DC746905									
DC746906									
DC746907									
DC746908									
DC746909									
DC746910									
DC746911									
DC746912									
DC746913									
DC746914									
DC746915									
DC746916									
DC746917									
DC746918									
DC746919									
DC746920									
DC746921									
DC746922									
DC746923									
DC746924									
DC746925									
DC746926									
DC746927									
DC746928									
DC746929									4.70
DC746930									6.86
DC746931									
DC746932									
DC746933									
DC746934									

Analyte Symbol	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.1	0.5	0.1	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
DC746935									
DC746936									
DC746937									
DC746938									
DC746939									
DC746940									
DC746941									
DC746942									
DC746943									
DC746944									
DC746945									
DC746946									
DC746947									
DC746948									
DC746949									6.72
DC746950									
DC746951									
DC746952									
DC746953									
DC746954									
DC746955									
DC746956									
DC746957									
DC746958									
DC746959									
DC746960									
DC746961									
DC746962									
DC746963									
DC746964									
DC746965									
DC746966									
DC746967									
DC746968									
DC746969									
DC746970									
DC746971									
DC746972									
DC746973									
DC746974									
DC746975									
DC746976									
DC746977									
DC746978									
DC746979									
DC746980									
DC746981									
DC746982									
DC746983									
DC746984									

Analyte Symbol	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.1	0.5	0.1	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
DC746985									
DC746986									
DC746987									
DC746988									
DC746989									
DC746990									
DC746991									81.7
DC746992									
DC746993									
DC746994									
DC746995									
DC746996									
DC746997									
DC746998									
DC789001									
DC789002									
DC789003									
DC789004									
DC789005									
DC789006									
DC789007									
DC789008									
DC789009									
DC789010									
DC789011									
DC789012									
DC789013									
DC789014									
DC789015									
DC789016									
DC789017									
DC789018									
DC789019									
DC789020									
DC789021									
DC789022									
DC731907	40	17	2.5	0.5	< 0.5	1.1	0.07	1.262	
DC731908	8	5	1.8	0.4	< 0.5	2.2	0.15	1.415	
DC731909	31	12	2.3	0.6	< 0.5	1.0	0.13	1.160	
DC731910	82	26	4.1	0.9	< 0.5	0.9	< 0.05	1.473	
DC731911	32	14	2.2	0.5	< 0.5	0.9	0.06	1.289	
DC731912	90	34	4.3	1.3	< 0.5	1.0	< 0.05	1.276	
DC731913	29	15	2.0	0.8	< 0.5	0.9	0.11	1.343	
DC731914	18	16	3.1	1.1	< 0.5	3.9	0.43	1.464	
DC731915	36	18	2.5	0.8	< 0.5	1.1	0.06	1.490	
DC747000									8.69

QC

Analyte Symbol	Ag	Bi	Cd	Cu	Mo	Ni	Pb	S	Zn	Al2O3	Ba	Be	CaO	Fe2O3(T)	K2O	MgO	MnO	Na2O	P2O5	SiO2	Sr	TiO2	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	%	%	%	%	%	%	%	ppm	%	ppm
Lower Limit	0.5	2	0.5	1	2	1	5	0.001	1	0.01	2	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2	0.005	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
GXR-1 Meas	31.5	1500	3.0	1210	14	40	727	0.250	730														
GXR-1 Cert	31.0	1380	3.30	1110	18.0	41.0	730	0.257	760														
GXR-1 Meas	29.9	1360	3.0	1120	13	39	711	0.240	719														
GXR-1 Cert	31.0	1380	3.30	1110	18.0	41.0	730	0.257	760														
NIST 694 Meas										1.88			44.00	0.73	0.54	0.36	0.01	0.88	30.19	11.40		0.120	1640
NIST 694 Cert										1.80			43.6	0.790	0.510	0.330	0.0116	0.860	30.2	11.2		0.110	1740
DNC-1 Meas										18.49	105		11.27	9.94	0.22	10.13	0.15	1.94	0.07	47.22	145	0.480	148
DNC-1 Cert										18.34	118		11.49	9.97	0.234	10.13	0.150	1.890	0.070	47.15	144.0	0.480	148
GBW 07113 Meas										12.93	504	4	0.57	3.15	5.46	0.15	0.14	2.47	0.05	72.57	42	0.280	< 5
GBW 07113 Cert										13.0	506	4.00	0.590	3.21	5.43	0.160	0.140	2.57	0.0500	72.8	43.0	0.300	5.00
GXR-4 Meas	3.3	21	< 0.5	6430	287	40	42	1.72	71														
GXR-4 Cert	4.0	19.0	0.860	6520	310	42.0	52.0	1.77	73.0														
GXR-4 Meas	3.5	15	< 0.5	6680	296	39	44	1.82	72														
GXR-4 Cert	4.0	19.0	0.860	6520	310	42.0	52.0	1.77	73.0														
SDC-1 Meas				30		35	20		98														
SDC-1 Cert				30.000		38.0	25.00		103.00														
SDC-1 Meas				27		34	16		96														
SDC-1 Cert				30.000		38.0	25.00		103.00														
GXR-6 Meas	< 0.5	< 2	1.0	69	< 2	25	88	0.017	124														
GXR-6 Cert	1.30	0.290	1.00	66.0	2.40	27.0	101	0.0160	118														
GXR-6 Meas	< 0.5	< 2	1.1	65	< 2	24	81	0.015	114														
GXR-6 Cert	1.30	0.290	1.00	66.0	2.40	27.0	101	0.0160	118														
W-2a Meas										15.62	172	< 1	10.76	10.77	0.61	6.23	0.17	2.22	0.14	52.55	195	1.070	262
W-2a Cert										15.4	182	1.30	10.9	10.7	0.626	6.37	0.163	2.14	0.130	52.4	190	1.06	262
SY-4 Meas										20.19	342	3	7.99	6.21	1.64	0.50	0.11	6.87	0.13	49.87	1199	0.280	8
SY-4 Cert										20.69	340	2.6	8.05	6.21	1.66	0.54	0.108	7.10	0.131	49.9	1191	0.287	8.0
BIR-1a Meas										15.75	7	< 1	13.16	11.27	0.02	9.62	0.17	1.86	0.02	48.64	110	0.960	319
BIR-1a Cert										15.50	6	0.58	13.30	11.30	0.030	9.700	0.175	1.82	0.021	47.96	110	0.96	310
SAR-M (U.S.G.S.) Meas	3.3	< 2	4.5	307	10	44	960		932														
SAR-M (U.S.G.S.) Cert	3.64	1.94	5.27	331.0000	13.1	41.5	982		930.0														
SAR-M (U.S.G.S.) Meas	3.1	< 2	4.5	307	11	44	961		950														
SAR-M (U.S.G.S.) Cert	3.64	1.94	5.27	331.0000	13.1	41.5	982		930.0														
DNC-1a Meas				97		239			56														
DNC-1a Cert				100.00		247			70.0														
DNC-1a Meas				95		230			53														
DNC-1a Cert				100.00		247			70.0														
CDN-GS-5J Meas																							
CDN-GS-5J Cert																							
OxD108 Meas																							
OxD108 Cert																							
OxD108 Meas																							
OxD108 Cert																							
OxD108 Meas																							
OxD108 Cert																							
OxD108 Meas																							

Analyte Symbol	Ag	Bi	Cd	Cu	Mo	Ni	Pb	S	Zn	Al2O3	Ba	Be	CaO	Fe2O3(T)	K2O	MgO	MnO	Na2O	P2O5	SiO2	Sr	TiO2	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	%	%	%	%	%	%	%	ppm	%	ppm
Lower Limit	0.5	2	0.5	1	2	1	5	0.001	1	0.01	2	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2	0.005	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
OxD108 Cert																							
OxD108 Meas																							
OxD108 Cert																							
OxD108 Meas																							
OxD108 Cert																							
OxD108 Meas																							
OxD108 Cert																							
SBC-1 Meas		< 2	< 0.5	30	< 2	84	30		176														
SBC-1 Cert		0.70	0.40	31.0000	2.40	82.8	35.0		186.0														
SBC-1 Meas		< 2	< 0.5	32	< 2	82	28		183														
SBC-1 Cert		0.70	0.40	31.0000	2.40	82.8	35.0		186.0														
SE68 Meas																							
SE68 Cert																							
SE68 Meas																							
SE68 Cert																							
SE68 Meas																							
SE68 Cert																							
SE68 Meas																							
SE68 Cert																							
SE68 Meas																							
SE68 Cert																							
SE68 Meas																							
SE68 Cert																							
SE68 Meas																							
SE68 Cert																							
TB-GS-5A Meas																							
TB-GS-5A Cert																							
DMMAS 118 Meas																							
DMMAS 118 Cert																							
DC746845 Orig																							
DC746845 Dup																							
DC746855 Orig																							
DC746855 Dup																							
DC746865 Orig																							
DC746865 Split																							
DC746865 Orig																							
DC746865 Dup																							
DC746879 Orig																							
DC746879 Dup																							
DC746885 Orig																							
DC746885 Split																							
DC746889 Orig																							
DC746889 Dup																							
DC746895 Orig																							
DC746895 Split																							
DC746899 Orig																							
DC746899 Dup																							
DC746912 Orig																							
DC746912 Dup																							
DC746922 Orig																							

Analyte Symbol	Ag	Bi	Cd	Cu	Mo	Ni	Pb	S	Zn	Al2O3	Ba	Be	CaO	Fe2O3(T)	K2O	MgO	MnO	Na2O	P2O5	SiO2	Sr	TiO2	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	%	%	%	%	%	%	%	ppm	%	ppm
Lower Limit	0.5	2	0.5	1	2	1	5	0.001	1	0.01	2	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2	0.005	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
DC746922 Dup																							
DC746925 Orig																							
DC746925 Split																							
DC746932 Orig																							
DC746932 Dup																							
DC746935 Orig																							
DC746935 Split																							
DC746945 Orig																							
DC746945 Dup																							
DC746955 Orig																							
DC746955 Split																							
DC746955 Orig																							
DC746955 Dup																							
DC746965 Orig																							
DC746965 Dup																							
DC746979 Orig																							
DC746979 Dup																							
DC746985 Orig																							
DC746985 Split																							
DC746989 Orig																							
DC746989 Dup																							
DC746991 Orig																							
DC746991 Dup																							
DC789001 Orig																							
DC789001 Dup																							
DC789015 Orig																							
DC789015 Dup																							
DC789017 Orig																							
DC789017 Split																							
DC789020 Orig																							
DC789020 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.5	< 2	< 0.5	< 1	< 2	< 1	< 5	0.002	< 1														
Method Blank	< 0.5	< 2	< 0.5	< 1	< 2	< 1	< 5	0.001	< 1														
Method Blank																							
Method Blank																							
Method Blank																							

QC

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	5	2	50	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas																							
GXR-1 Cert																							
GXR-1 Meas																							
GXR-1 Cert																							
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas	16	37																					
DNC-1 Cert	18.0	38																					
GBW 07113 Meas	48	400																					
GBW 07113 Cert	43.0	403																					
GXR-4 Meas																							
GXR-4 Cert																							
GXR-4 Meas																							
GXR-4 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
SDC-1 Meas																							
SDC-1 Cert																							
GXR-6 Meas																							
GXR-6 Cert																							
GXR-6 Meas																							
GXR-6 Cert																							
W-2a Meas	19	95																					
W-2a Cert	24.0	94.0																					
SY-4 Meas	117	543																					
SY-4 Cert	119	517																					
BIR-1a Meas	13	16																					
BIR-1a Cert	16	18																					
SAR-M (U.S.G.S.) Meas																							
SAR-M (U.S.G.S.) Cert																							
SAR-M (U.S.G.S.) Meas																							
SAR-M (U.S.G.S.) Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
CDN-GS-5J Meas																							
CDN-GS-5J Cert																							
OxD108 Meas			0.406																				
OxD108 Cert			0.414																				
OxD108 Meas			0.416																				
OxD108 Cert			0.414																				
OxD108 Meas			0.421																				

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	5	2	50	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
OxD108 Cert			0.414																				
OxD108 Meas			0.428																				
OxD108 Cert			0.414																				
OxD108 Meas			0.418																				
OxD108 Cert			0.414																				
OxD108 Meas			0.409																				
OxD108 Cert			0.414																				
OxD108 Meas			0.417																				
OxD108 Cert			0.414																				
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
SE68 Meas			0.576																				
SE68 Cert			0.599																				
SE68 Meas			0.600																				
SE68 Cert			0.599																				
SE68 Meas			0.591																				
SE68 Cert			0.599																				
SE68 Meas			0.598																				
SE68 Cert			0.599																				
SE68 Meas			0.598																				
SE68 Cert			0.599																				
SE68 Meas			0.601																				
SE68 Cert			0.599																				
SE68 Meas			0.613																				
SE68 Cert			0.599																				
TB-GS-5A Meas																							
TB-GS-5A Cert																							
DMMAS 118 Meas				1790		1770	1190		43	91						6.4	6.2				16.6		15.8
DMMAS 118 Cert				1729		1661	1264		45	83						6.6	6.1				15.9		16.9
DC746845 Orig			< 0.005																				
DC746845 Dup			< 0.005																				
DC746855 Orig			< 0.005																				
DC746855 Dup			< 0.005																				
DC746865 Orig			0.010																				
DC746865 Split			0.009																				
DC746865 Orig			0.010																				
DC746865 Dup			0.010																				
DC746879 Orig			0.093																				
DC746879 Dup			0.068																				
DC746885 Orig			0.016																				
DC746885 Split			0.015																				
DC746889 Orig			0.173																				
DC746889 Dup			0.192																				
DC746895 Orig			< 0.005																				
DC746895 Split			< 0.005																				
DC746899 Orig			0.006																				

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	5	2	50	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DC746899 Dup			0.009																				
DC746912 Orig			0.007																				
DC746912 Dup			0.008																				
DC746922 Orig			0.080																				
DC746922 Dup			0.071																				
DC746925 Orig			0.023																				
DC746925 Split			0.024																				
DC746932 Orig			0.923																				
DC746932 Dup			0.797																				
DC746935 Orig			0.022																				
DC746935 Split			0.022																				
DC746945 Orig			0.146																				
DC746945 Dup			0.151																				
DC746955 Orig			0.040																				
DC746955 Split			0.035																				
DC746955 Orig			0.042																				
DC746955 Dup			0.038																				
DC746965 Orig			0.038																				
DC746965 Dup			0.050																				
DC746979 Orig			0.011																				
DC746979 Dup			0.008																				
DC746985 Orig			< 0.005																				
DC746985 Split			0.005																				
DC746989 Orig			0.019																				
DC746989 Dup			0.028																				
DC746991 Orig																							
DC746991 Dup																							
DC789001 Orig			0.037																				
DC789001 Dup			0.031																				
DC789015 Orig			0.005																				
DC789015 Dup			0.011																				
DC789017 Orig			< 0.005																				
DC789017 Split			< 0.005																				
DC789020 Orig			< 0.005																				
DC789020 Dup			< 0.005																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank			0.006																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank			< 0.005																				
Method Blank																							

Analyte Symbol	Y	Zr	Au	Au	Ag	As	Ba	Br	Co	Cr	Cs	Hf	Hg	Ir	Rb	Sb	Sc	Se	Ta	Th	U	W	La
Unit Symbol	ppm	ppm	g/mt	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.005	5	5	2	50	1	1	1	0.5	0.5	1	5	20	0.2	0.1	3	1	0.5	0.5	3	0.2
Method Code	FUS-ICP	FUS-ICP	FA-AA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank																							
Method Blank				< 5	< 5	< 2	< 50	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 5	< 20	< 0.2	< 0.1	< 3	< 1	< 0.5	< 0.5	< 3	< 0.2
Method Blank			< 0.005																				
Method Blank																							

QC

Analyte Symbol	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.1	0.5	0.1	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
GXR-1 Meas									
GXR-1 Cert									
GXR-1 Meas									
GXR-1 Cert									
NIST 694 Meas									
NIST 694 Cert									
DNC-1 Meas									
DNC-1 Cert									
GBW 07113 Meas									
GBW 07113 Cert									
GXR-4 Meas									
GXR-4 Cert									
GXR-4 Meas									
GXR-4 Cert									
SDC-1 Meas									
SDC-1 Cert									
SDC-1 Meas									
SDC-1 Cert									
GXR-6 Meas									
GXR-6 Cert									
GXR-6 Meas									
GXR-6 Cert									
W-2a Meas									
W-2a Cert									
SY-4 Meas									
SY-4 Cert									
BIR-1a Meas									
BIR-1a Cert									
SAR-M (U.S.G.S.) Meas									
SAR-M (U.S.G.S.) Cert									
SAR-M (U.S.G.S.) Meas									
SAR-M (U.S.G.S.) Cert									
DNC-1a Meas									
DNC-1a Cert									
DNC-1a Meas									

Analyte Symbol	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.1	0.5	0.1	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
DNC-1a Cert									
CDN-GS-5J Meas									5.01
CDN-GS-5J Cert									4.90
OxD108 Meas									
OxD108 Cert									
OxD108 Meas									
OxD108 Cert									
OxD108 Meas									
OxD108 Cert									
OxD108 Meas									
OxD108 Cert									
OxD108 Meas									
OxD108 Cert									
OxD108 Meas									
OxD108 Cert									
OxD108 Meas									
OxD108 Cert									
SBC-1 Meas									
SBC-1 Cert									
SBC-1 Meas									
SBC-1 Cert									
SE68 Meas									
SE68 Cert									
SE68 Meas									
SE68 Cert									
SE68 Meas									
SE68 Cert									
SE68 Meas									
SE68 Cert									
SE68 Meas									
SE68 Cert									
SE68 Meas									
SE68 Cert									
SE68 Meas									
SE68 Cert									
TB-GS-5A Meas									4.84
TB-GS-5A Cert									5.032
DMMAS 118 Meas	32		2.0						
DMMAS 118 Cert	30		2.2						
DC746845 Orig									
DC746845 Dup									
DC746855 Orig									
DC746855 Dup									
DC746865 Orig									
DC746865 Split									
DC746865 Orig									
DC746865 Dup									
DC746879 Orig									

Analyte Symbol	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.1	0.5	0.1	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
DC746879 Dup									
DC746885 Orig									
DC746885 Split									
DC746889 Orig									
DC746889 Dup									
DC746895 Orig									
DC746895 Split									
DC746899 Orig									
DC746899 Dup									
DC746912 Orig									
DC746912 Dup									
DC746922 Orig									
DC746922 Dup									
DC746925 Orig									
DC746925 Split									
DC746932 Orig									
DC746932 Dup									
DC746935 Orig									
DC746935 Split									
DC746945 Orig									
DC746945 Dup									
DC746955 Orig									
DC746955 Split									
DC746955 Orig									
DC746955 Dup									
DC746965 Orig									
DC746965 Dup									
DC746979 Orig									
DC746979 Dup									
DC746985 Orig									
DC746985 Split									
DC746989 Orig									
DC746989 Dup									
DC746991 Orig									81.4
DC746991 Dup									82.0
DC789001 Orig									
DC789001 Dup									
DC789015 Orig									
DC789015 Dup									
DC789017 Orig									
DC789017 Split									
DC789020 Orig									
DC789020 Dup									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									

Analyte Symbol	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.1	0.5	0.1	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank	< 3	< 5	< 0.1	< 0.1	< 0.5	< 0.1	< 0.05	1.000	
Method Blank									
Method Blank									< 0.03

Quality Analysis ... Actlabs Innovative Technologies

Date Submitted: 15-Apr-15
Invoice No.: A15-02544 (i)
Invoice Date: 07-May-15
Your Reference: Island Gold Mine

Richmont Mines Inc.
Goudreau Road
P. O. Box 458
Dubreuilville Ontario P0S 1B0

ATTN: Sylvie Boulay

CERTIFICATE OF ANALYSIS

135 Core samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Richmont Tbay Au - Fire Assay AA
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)

REPORT - A15-02544 (I)

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Esama , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accréditié CCN

ACTIVATION LABORATORIES LTD.
1201 Welsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Au	Au
Unit Symbol	g/mt	ug/Lassay
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC746701	< 0.005	
DC746702	< 0.005	
DC746703	< 0.005	
DC746704	< 0.005	
DC746705	0.012	
DC746706	0.006	
DC746707	0.013	
DC746708	0.006	
DC746709	< 0.005	
DC746710	0.005	
DC746711	< 0.005	
DC746712	< 0.005	
DC746713	< 0.005	
DC746714	0.010	
DC746715	< 0.005	
DC746716	0.027	
DC746717	< 0.005	
DC746718	< 0.005	
DC746719	0.005	
DC746720	0.007	
DC746721	0.005	
DC746722	< 0.005	
DC746723	< 0.005	
DC746724	< 0.005	
DC746725	1.31	
DC746726	0.008	
DC746727	< 0.005	
DC746728	< 0.005	
DC746729	< 0.005	
DC746730	0.454	
DC746731	< 0.005	
DC746732	< 0.005	
DC746733	< 0.005	
DC746734	< 0.005	
DC746735	< 0.005	
DC746736	0.017	
DC746737	< 0.005	
DC746738	< 0.005	
DC746739	< 0.005	
DC746740	< 0.005	
DC746741	< 0.005	
DC746742	< 0.005	
DC746743	< 0.005	
DC746744	< 0.005	
DC746745	< 0.005	
DC746746	< 0.005	
DC746747	< 0.005	
DC746748	< 0.005	
DC746749	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC746750	1.72	
DC746751	< 0.005	
DC746752	< 0.005	
DC746753	< 0.005	
DC746754	< 0.005	
DC746755	0.005	
DC746756	0.005	
DC746757	< 0.005	
DC746758	< 0.005	
DC746759	< 0.005	
DC746760	< 0.005	
DC746761	< 0.005	
DC746762	0.009	
DC746763	0.011	
DC746764	0.007	
DC746765	< 0.005	
DC746766	< 0.005	
DC746767	< 0.005	
DC746768	0.005	
DC746769	0.005	
DC746770	0.005	
DC746771	< 0.005	
DC746772	0.005	
DC746773	0.007	
DC746774	0.007	
DC746775	1.28	
DC746776	0.005	
DC746777	< 0.005	
DC746778	0.006	
DC746779	0.008	
DC746780	0.009	
DC746781	< 0.005	
DC746782	0.005	
DC746783	< 0.005	
DC746784	0.012	
DC746785	< 0.005	
DC746786	0.018	
DC746787	< 0.005	
DC746788	< 0.005	
DC746789	< 0.005	
DC746790	0.071	
DC746791	< 0.005	
DC746792	< 0.005	
DC746793	< 0.005	
DC746794	0.013	
DC746795	< 0.005	
DC746796	< 0.005	
DC746797	0.102	
DC746798	< 0.005	
DC746799	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC7468800	> 3.00	8.67
DC7468801	< 0.005	
DC7468802	< 0.005	
DC7468803	< 0.005	
DC7468804	< 0.005	
DC7468805	< 0.005	
DC7468806	0.006	
DC7468807	0.009	
DC7468808	0.007	
DC7468809	0.006	
DC7468810	0.005	
DC7468811	0.029	
DC7468812	0.025	
DC7468813	0.014	
DC7468814	< 0.005	
DC7468815	< 0.005	
DC7468816	0.008	
DC7468817	< 0.005	
DC7468818	< 0.005	
DC7468819	< 0.005	
DC7468820	< 0.005	
DC7468821	0.015	
DC7468822	0.007	
DC7468823	0.017	
DC7468824	0.010	
DC7468825	> 3.00	4.04
DC7468826	< 0.005	
DC7468827	< 0.005	
DC7468828	< 0.005	
DC7468829	0.104	
DC7468830	< 0.005	
DC7468831	< 0.005	
DC7468832	< 0.005	
DC7468833	< 0.005	
DC7468834	< 0.005	
DC7468835	< 0.005	

QC

Analyte Symbol	Au	Au
Unit Symbol	g/mt	ug/sample
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
OxD108 Meas	0.420	
OxD108 Cert	0.414	
OxD108 Meas	0.428	
OxD108 Cert	0.414	
OxD108 Meas	0.420	
OxD108 Cert	0.414	
OxD108 Meas	0.419	
OxD108 Cert	0.414	
OxD108 Meas	0.429	
OxD108 Cert	0.414	
OxD108 Meas	0.412	
OxD108 Cert	0.414	
SE68 Meas	0.598	
SE68 Cert	0.599	
SE68 Meas	0.621	
SE68 Cert	0.599	
SE68 Meas	0.614	
SE68 Cert	0.599	
SE68 Meas	0.578	
SE68 Cert	0.599	
SE68 Meas	0.622	
SE68 Cert	0.599	
SE68 Meas	0.607	
SE68 Cert	0.599	
TB-GS-5A Meas		5.16
TB-GS-5A Cert		5.002
Oreas 62E Meas		9.34
Oreas 62E Cert		9.13
DC746710 Orig	0.005	
DC746710 Dup	0.005	
DC746720 Orig	0.007	
DC746720 Dup	0.007	
DC746730 Orig	0.454	
DC746730 Split	0.490	
DC746744 Orig	< 0.005	
DC746744 Dup	< 0.005	
DC746751 Orig	< 0.005	
DC746751 Split	< 0.005	
DC746754 Orig	< 0.005	
DC746754 Dup	< 0.005	
DC746760 Orig	< 0.005	
DC746760 Split	< 0.005	
DC746764 Orig	0.007	
DC746764 Dup	0.006	
DC746777 Orig	< 0.005	
DC746777 Dup	0.005	
DC746787 Orig	< 0.005	
DC746787 Dup	< 0.005	
DC746790 Orig	0.071	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	ug/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA-GRA
DC746799 Split	0.079	
DC746797 Orig	0.116	
DC746797 Dup	0.089	
DC746799 Orig	< 0.005	
DC746799 Split	< 0.005	
DC746810 Orig	0.005	
DC746810 Dup	0.005	
DC746820 Orig	< 0.005	
DC746820 Split	< 0.005	
DC746820 Orig	< 0.005	
DC746820 Dup	< 0.005	
DC746830 Orig	< 0.005	
DC746830 Dup	< 0.005	
DC746835 Orig	< 0.005	
DC746835 Dup	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.03
Method Blank		< 0.03

10-Dec-14_wesd

Wesdome Gold Mines Ltd
Assay Lab
Phone: (705) 856-2718 ext. 27
Fax: (705) 856-8274

Wesdome
Assay Lab

Date: 10-Dec-14

Client: Mines Richmont Inc.
Project Island Gold

ASSAY REPORT

Sample Type: **Drillcore**

Reported By: Steve Jozin

Daily Tray #18

	Sample Number	Au g/t	Chk		
1	**DC742001**	0.002			
2	**DC742002**	0.04			
3	**DC742003**	298.68	262.60	247.68	Corrected Copy
4	**DC742004**	0.002			
5	**DC742005**	0.40			
6	**DC742006**	0.12			
7	**DC742007**	0.002	0.002		
8	**DC742008**	0.002			
9	**DC742009**	2.40			
10	**DC742010**	1.32			
11	**DC742011**	14.20			
12	**DC742012**	0.002			
13	**DC742013**	36.48			
14	**DC742014**	0.002			
15	**DC742015**	0.92			
16	**DC742016**	0.002			
17	**DC742017**	0.002			
18	**DC742018**	0.002	0.002		
19	**DC742019**	0.16			
20	**DC742020**	1.92			
21	**DC742021**	36.28			
	OxG104	0.88			
	Blank	0.002			

10-Dec-14_wesd

Wesdome Gold Mines Ltd Wesdome
Assay Lab Assay Lab
Phone : (706) 856-2718 ext. 27
Fax: (705) 856-8274

Date: 10-Dec-14

Client: Mines Richmont Inc.
Project Island Gold

ASSAY REPORT

Sample Type: **Drillcore** Reported By: James Pahpeguish

Daily Tray #20

	Sample Number	Au g/t	Chk
1	**DC742022**	3.68	
2	**DC742023**	2.72	
3	**DC742024**	280.20	288.16
4	**DC742025**	33.84	
5	**DC742026**	36.76	
6	**DC742027**	7.32	
7	**DC742028**	6.84	
8	**DC742029**	10.04	
9	**DC742030**	14.00	
10	**DC742031**	0.16	0.16
11	**DC742032**	70.72	67.00
12	**DC742033**	0.002	
13	**DC742034**	2.88	
14	**DC742035**	8.00	
15	**DC742036**	12.36	
16	**DC742037**	21.52	
17	**DC742038**	0.20	
18	**DC742039**	0.12	
19	**DC742040**	30.52	
20			
21	**fake**		

11-Feb-15_wesd

Wesdome Gold Mines Ltd Wesdome
Assay Lab Assay Lab
Phone: (705) 856-2718 ext. 27
Fax: (705) 856-8274

Date: 11-Feb-15

Client: Mines Richmont Inc.
Project Island Gold

ASSAY REPORT

Sample Type: **Drillcore** Reported By: Yannick Casavant

Daily Tray #10

	Sample Number	Au g/t	Chk
1	**DC748154**	0.04	
2	**DC748155**	0.002	
3	**DC748156**	0.002	
4	**DC748157**	0.08	
5	**DC748158**	1.12	
6	**DC748159**	0.04	
7	**DC748160**	0.80	
8	**DC748161**	0.04	
9	**DC748162**	3.96	4.00
10	**DC748163**	0.12	
11	**DC748164**	0.16	
12	**DC748165**	0.04	
13	**DC748166**	0.08	
14	**DC748167**	0.04	
15	**DC748168**	0.002	
16	**DC748169**	0.28	
17	**DC748170**	1.52	
18	**DC748171**	0.002	
19	**DC748172**	0.36	0.24
20	**DC748173**	0.08	
21	**DC748174**	0.002	
22	**DC748175**	0.12	
	OxG104	0.92	
	Blank	0.002	

11-Feb-15_wesd

Wesdome Gold Mines Ltd Wesdome
Assay Lab Assay Lab
Phone : (705) 856-2718 ext. 27
Fax: (705) 856-8274

Date: 11-Feb-15

Client: Mines Richmont Inc.
Project Island Gold

ASSAY REPORT

Sample Type: **Drillcore** Reported By: Yannick Casavant

Daily Tray #10

	Sample Number	Au g/t	Chk
1	**DC748176**	0.04	
2	**DC748177**	0.002	
3	**DC748178**	0.002	
4	**DC748179**	0.002	
5	**DC748180**	0.04	
6	**DC748181**	0.002	
7	**DC748182**	11.00	
8	**DC748183**	0.002	0.002
9	**DC748184**	0.002	
10	**DC748185**	0.80	
11	**DC748186**	0.36	
12	**DC748187**	7.32	
13	**DC748188**	0.002	
14	**DC748189**	0.68	
15	**DC748190**	0.20	
16	**DC748191**	0.52	
17	**DC748192**	0.72	
18	**DC748193**	3.84	
19	**DC748194**	0.002	
20	**DC748195**	0.12	0.12

11-Feb-15_wesd

Wesdome Gold Mines Ltd Wesdome
Assay Lab Assay Lab
Phone: (705) 856-2718 ext. 27
Fax: (705) 856-8274

Date: 11-Feb-15

Client: Mines Richmont Inc.
Project Island Gold

ASSAY REPORT

Sample Type: **Drillcore** Reported By: Yannick Casavant

Daily Tray #9

	Sample Number	Au g/t	Chk
1	**DC748151**	0.002	
2	**DC748152**	0.002	
3	**DC748153**	0.04	
	OxG104	0.92	
	Blank	0.002	