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Summary Report

On Diamond Drilling

Claims

L26819, L26820, L26821 and L26822

In

Guibord Township

Ontario, Canada

Larder Lake Mining Division

St Andrew Goldfields Ltd., 20 Adelaide Street East, Suite 1500

Toronto, Ontario Canada M5C 2T6

www.sasgoldmines.com

February 23, 2016

David Schonfeldt
Samantha Sanderson P.Geo
J.V. Bonhomme

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Introduction

This assessment report summarizes the summer/fall 2014 drill program completed by St Andrew Goldfields Ltd. (SAS) in Guibord Township, Larder Lake Mining Division on patented claims L26819, L26820, L26821 and L26822.

The drill program consisted of six (6) surface holes totaling 1,946.3m of NQ sized core. These holes were drilled between September and October 2014. The exploration objective of the drill program was to test the southeastern striking component of the Hislop Pit syenite/ultramafic contact and to test for mineral potential associated with the Gibson/Kelore fault structure.

Location and Access

The Guibord property is located in Guibord Township, approximately fifteen kilometers southeast of Matheson and approximately 77 km east of Timmins. Refer to **Figure 1** for the location of the Guibord property within Ontario. The property can be accessed from Highway 101 by turning south onto HWY 572 . Refer to **Figure 2** for the property location within Guibord Township.

Previous Work

Prior to SAS acquisition of the Guibord claims the following work had been completed:

From May 1945 to December 1946 Kelwren Gold mines conducted a 18,438 ft, 34 hole diamond drill program on Hislop township and one of these drill holes, H0-095 was drilled on Guibord Township.

In 1947 V.K. Prest wrote a Preliminary Report on the Geology of Guibord Township for the Ontario Department of Mines.

In 1986 Goldpost resources conducted a Magnetometer survey over Hislop township, encompassing the 4 Guibord claims.

Regional Geology (source: Scott Wilson RPA)

Guibord township is located within the Southern Abitibi Greenstone Belt (SAGB) of the Superior Province in northeastern Ontario. In very general terms, the Abitibi Sub-province consists of Late Archean meta-volcanic rocks, related syn-volcanic intrusions, and clastic metasedimentary rocks, intruded by Archean alkaline intrusions and Paleoproterozoic diabase dikes. The traditional Abitibi greenstone belt stratigraphic model envisages litho-stratigraphic units deposited in autochthonous successions, with their current complex map pattern distribution developed through the interplay of multiphase folding and faulting (Valliant & Bergen, 2009).
At a regional scale, the distribution of supracrustal units in the SAGB is dominated by east-west striking volcanic and sedimentary assemblages. The structural grain is dominated by east-west (type space)trending Archean deformation zones and folds. The regional deformation zones commonly occur at assemblage boundaries and are spatially closely associated with long linear belts representing the sedimentary assemblages. The dominant regional fault in this area is the Destor-Porcupine, referred to as the Porcupine-Destor Fault Zone (PDFZ). The current locations of these regional deformation zones are interpreted to be proximal to the locus of early synvolcanic extensional faults. Belt scale folding and faulting was protracted and occurred in a number of distinct intervals associated at least in the early

stages with compressive stresses related to the onset of continental collision between the Abitibi and older subprovinces to the north (Valliant & Bergen, 2009). Throughout the history of the Abitibi Subprovince, there was repeated plutonism defined by three broad suites: 1) synvolcanic plutons, 2) syntectonic intrusions that range in age from 2695 Ma to 2680 Ma and include tonalite, granodiorite, syenite, and granite, and 3) post tectonic granites that range in age from approximately 2665 Ma to 2640 Ma (Valliant & Bergen, 2009).

The southern part of the Abitibi greenstone belt, in the general vicinity of the Hislop Project, consists of three major volcanic lithotectonic assemblages and two unconformably overlying primarily metasedimentary assemblages (Valliant & Bergen, 2009). From oldest to youngest, these assemblages are the Stoughton-Roquemaure (2723 Ma–2720 Ma), the Kidd-Munro (2719 Ma–2711 Ma), the Blake River (2704 Ma–2696 Ma), the Porcupine (2690 Ma-2685 Ma), and the Timiskaming (2676 Ma-2670 Ma). The three oldest assemblages are all volcanic with plume, island arc, and rifted island arc affinities, have conformable contacts, and were developed by volcanic construction in variably extension to compression tectonic environments. On a belt scale, these form a broad synclinorium cored by the Blake River assemblage (Valliant & Bergen, 2009).

Local & Property Geology

The Guibord township claims are south of the Porcupine-Destor Fault Zone (PDFZ). Thes rocks generally consists of spherulitic volcanic units, occasional acidic bands of lava and some tuff, and numerous sedimentary horizons.

The volcanics south of the PDFZ are uniform, in character across the township, though it is seldom possible to directly link up minor members of the series from one outcrop to another owing to the effects of cross-faulting. The typical lava is rather dark green in colour and variable in texture, the coarser phases being dioritic. Intruding these lavas and the interbedded sediments are numerous sills, which are seldom readily distinguishable from the coarser phases of the lavas. It is not yet established that the volcanics in Guibord township south of the PDFZ are all pyroxene bearing and that those to the north are solely hornblendic though there is an indication of this. All the volcanics and the intrusive basic sills, therefore, are grouped together for the present preliminary report and map. The age relations of the sills are complicated by similarities with the younger, cross-cutting diabase dikes of the area as well as by similarities with the southern volcanic series. (Prest, 1947)

2014 Drill Program Summary

Drilling commenced September 9, 2014 and finished on October 9, 2014. The drill program consisted of a total of 1,946.3m with 192.5m of overburden. One hole, GB14-001 crossed over the Hislop/Guibord Township boundary onto the Hislop property owned by SAS. Drilling was conducted by Forage Oribit Garant. Refer to **Figure 3** for Drill hole plans. Drill core was picked up by SAS employees at the drill site and brough to the exploration office in Matheson, Ontario. The core was logged by Courtland Betts. Logs for the 6 diamond drill holes completed in the program have been included in **Appendix 1**. Sampled core was split by Yvan Labelle, and Conor Shea. The split core is stored at the Matheson office. The drill program was planned and executed by John McKenzie, Sophie Chartrand and Samantha Sanderson under the supervision of Craig Todd, P. Geo.

Analyses of a total of 828 samples were conducted by AGAT Laboratories (Mississauga, ON). A total of 36 sample standards and 46 blanks were included in these samples, as part of the company's QC/QA sample protocol. Assay certificates have been filed in **Appendix 2**.

Summary of Drilling

Guibord 2014 Exploration Assays Highlights									
	Collars - UTM Nad 83							Core	Uncut
BHID	Easting	Northing	Elevation	Azimuth	Dip	From	To	Length (m)	Au g/t
GB14-003	553898	5371153	300	215	-64	115.5	117.0	1.5	1.53
including						116.5	117.0	0.5	2.45
and						124.0	125.3	1.3	2.46
GB14-004	554063	5371176	300	214	-50	181.0	181.8	0.8	1.56
and						183.4	184.0	0.6	1.19
GB14-006	553975	5371172	300	211	-53	158.0	159.5	1.5	1.43
and						204.0	207.0	3.0	3.83
including						205.5	207.0	1.5	6.25
and						235.1	235.6	0.5	1.53
and						258.0	258.5	0.5	1.09

Table 1: Guibord 2014 Exploration Assay Highlights

The following paragraphs summarize the geology of each drill hole.

Hole GB14-001 was collared at UTM (NAD83) 5,371,225mN and 553,642mE at an azimuth of 210° and dip of -55° to a depth of 300m (39.5m of overburden). The hole collared in a chlorite-talc ultramafic unit with spinifex textures throughout. The unit contains moderate quartz-carbonate veining and localized very fine grained blebby pyrite. The next unit is a chlorite- hematite altered massive syenite intrusive with patchy sericite and epidote alteration towards the lower end of the unit. This unit contains minimal veining and disseminated pyrite. Followed by a chlorite altered massive mafic volcanic with weak carbonate veinlets and fine grained blebby fracture controlled pyrite throughout. The hole ended in a talc-chlorite ultramafic volcanic.

Hole GB14-002 was collared at UTM (NAD 83) 5,371,174mN and 553,784mE at an azimuth of 214° and dip of -55° to a depth of 327m (19.9m of overburden). The hole collared in a hematite altered massive syenite intrusive with pervasive sericite and carbonate altered sections. Quartz-carbonate veinlets and disseminated fine grained and euhedral pyrite are found throughout the unit. Minor ultramafic and mafic intrusions are found within the unit. The next unit is a talc-chlorite altered ultramafic with moderate carbonate-quartz veinlets with patchy, very fine grained, blebby, euhedral pyrite throughout the unit. Followed by a chlorite altered pillowed and variolitic mafic volcanic with patchy sericite alteration. Quartz-carbonate veinlets are weak at the top of the unit and become more abundant towards the lower portion of the unit. Followed by at talc-chlorite ultramafic unit with moderate

quartz-carbonate veining and localized fine grained blebby pyrite. The unit contains strongly hematite altered mafic dykes throughout. The hole ended in a chlorite altered pillowed mafic volcanic.

Hole GB14-003 was collared at UTM (NAD83) 5,371,153mN and 553,898mE at an azimuth of 215° and dip of -64° to a depth of 300m (24m of overburden). The upper portion of the hole intersected a hematite altered massive syenite intrusive until 211.5m with sections of chlorite altered massive mafic volcanic units throughout. Quartz-carbonate veinlets and very fine grained blebby local pyrite are found throughout the unit. The mafic units are predominantly chlorite altered with patchy hematite and sericite, and consists of quartz-carbonate veinlets and disseminated pyrite, both within the units as well as within the larger quartz-carbonate veins. The hole ended in a chlorite-talc altered massive ultramafic volcanic.

Hole GB14-004 was collared at UTM (NAD83) 5,371,176mN and 554,063mE at an azimuth of 214° and a dip of -50° to a depth of 359.8m (32.9m of overburden). The upper portion of the hole consists of massive and gabbroic mafic volcanics with minor sections of hematite altered syenite intrusive. The mafic units are chlorite altered with patchy hematite and sericite alteration and contain moderate quartz-carbonate veinlets with very fine grained disseminated and blebby pyrite. The syenite instrusives are hematite altered with quartz-carbonate stringers and trace amounts of very fine grained pyrite. From 186.5m to 286.5m a large syenite intrusion with the same characteristics as the previously described syenite units was intersected. Pyrite content does increase to 1% throughout and is very fine grained to fine grained blebby pyrite. The remainder of the hole is comprised of massive and pillowed mafic volcanics with intermittent ultramafic units. The hole ended in a massive mafic volcanic.

Hole GB14-005 was collared at UTM (NAD83) 5,371,163mN and 554,234mE at an azimuth of 205° and a dip of -53° to a depth of 324m (41.9m of overburden). The hole collared in a massive mafic volcanic. The unit is magnetic, chlorite altered with patchy hematite and sericite alteration. Quartz-carbonate stringers tend to become more stockwork towards the lower end of the unit. Pyrite is very fine grained and is found throughout the unit. The following syenite intrusive contains patchy hematite and chlorite with minor quartz-carbonate stringers and very fine grained blebby pyrite throughout. The following unit is a chlorite-talc altered ultramafic unit. The unit is highly faulted and sheared. Strong carbonate veinlets are parallel to the shearing. Pyrite occurs both as fine grained and blebby. Followed by a pillowed mafic volcanic. The unit is chlorite altered with patchy sericite and hematite. Moderate quartz-carbonate veinlets throughout and trace very fine grained pyrite throughout the unit. The hole ended in a talc-chlorite altered ultramafic.

Hole GB14-006 was collared at UTM (NAD83) 5,371,172mN and 553,975mE at an azimuth of 211° and a dip of -53° drilled to a depth of 336m (34.3m of overburden). This hole was drilled to follow up on the syenite/ultramafic contact between holes GB14-003 and GB14-004. The upper portion of the hole alternates between mafic volcanic units and syenite intrusives unitl 213.3m. The mafic volcanic units are chlorite and hematite altered mafic volcanics, with weak carbonate stringers and trace fine grained disseminated pyrite with syenite intrusive units are found down the drill hole to 213.3m with intermittent massive mafic units. The Syenite intrusions were observed to be hematite altered with patchy epidote, contain weak carbonate veinlets and very fine grained blebby pyrite. Following the syenite at 213.3m is an ultramafic unit. The upper portion of this unit has the appearance of a green carbonate unit, chlorite altered with patchy hematite. The lower portion is a talc-chlorite ultramafic with moderate quartz-carbonate veinlets throughout with disseminated blebby pyrite. Followed by a chlorite altered mafic volcanic unit with patchy sericite, carbonate stockwork veins and very fine grained blebby pyrite. The hole ends in an ultramafic unit.

Conclusion

The 2014 diamond drill program was successful in meeting its objective of identifying the southeasterly strike extension of the the Hislop Pit syenite/ultramafic contact and the Gibson/Kelore fault structure. Both the syenite/ultramafic contact and the fault structure was identified in every hole.

The highest assay result from this drill program was returned in hole GB14-006 3.83g/t Au over 3 metre (including 6.25g/t over 1.5 metre). This mineralization occurred within quartz-carbonate veinlets containing fine grained pyrite hosted within the syenite intrusive.

Recommendations

Future diamond drilling of the Gibson/Kelore fault zone should test the mineralization trend extending to the southeast along this fault. Current drill coverage in this area is sparse and shallow. Previous drilling on the claim to the southeast by SAS in 2009 found that hole MHG09-01 had an assay intersection of 3.18 g/t Au over 7.5 metre (including 10.18g/t Au. over 1.5 metre) within a hematite altered mafic volcanic unit.

Future follow-up drilling should be conducted in the winter as accessibilty may be difficult in the spring/summer months.

Date & Signature Page

This report titled "Summary of Drilling on the Guibord Property" and dated February 23th, 2016, was prepared and signed by the following authors:

Dated at Matheson, Ontario

February 23, 2016

David Schonfeldt

Exploration Manager

Samantha Sanderson, P. Geo

Exploration Geologist

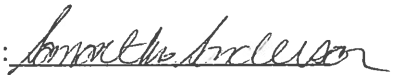
J.V. Bonhomme

Land Management Specialist

Certificate of Qualifications

I, Samantha Sanderson of 1 MacDonald Street, Larder Lake, Ontario, do hereby declare:

- I graduated from the Brandon University in 2004 with BSc degree in Geology.
- I have been employed full time in the Geosciences industry since graduation
- I have worked both gold and base metal exploration and extraction in my career.
- I am not an independent, given that I have been a salaried employee of St Andrew Goldfields since September, 2010.
- I am a registered member in good standing of the Association of Professional Geoscientists of Ontario. (APGO Registration #2209)

Signed: 

Samantha Sanderson, P. Geo.

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Prest, K.V. (1947) Preliminary report on the Geology of Guibord Township, District of Cochrane, Ontario Department of Mines.

Roscoe, W.E. and Gow, N.N. (2006). Technical report on the Taylor, Clavos, Hislop and Stock Projects in the Timmins Area, Northeastern Ontario, Canada NI 43-101 Report. Scott Wilson Roscoe Postle Associates Inc.

Kovacs, L.I. (2009). Summary Report on Diamond Drilling in Guibord Township. Internal Assessment Report prepared for St Andrew Goldfields Ltd.

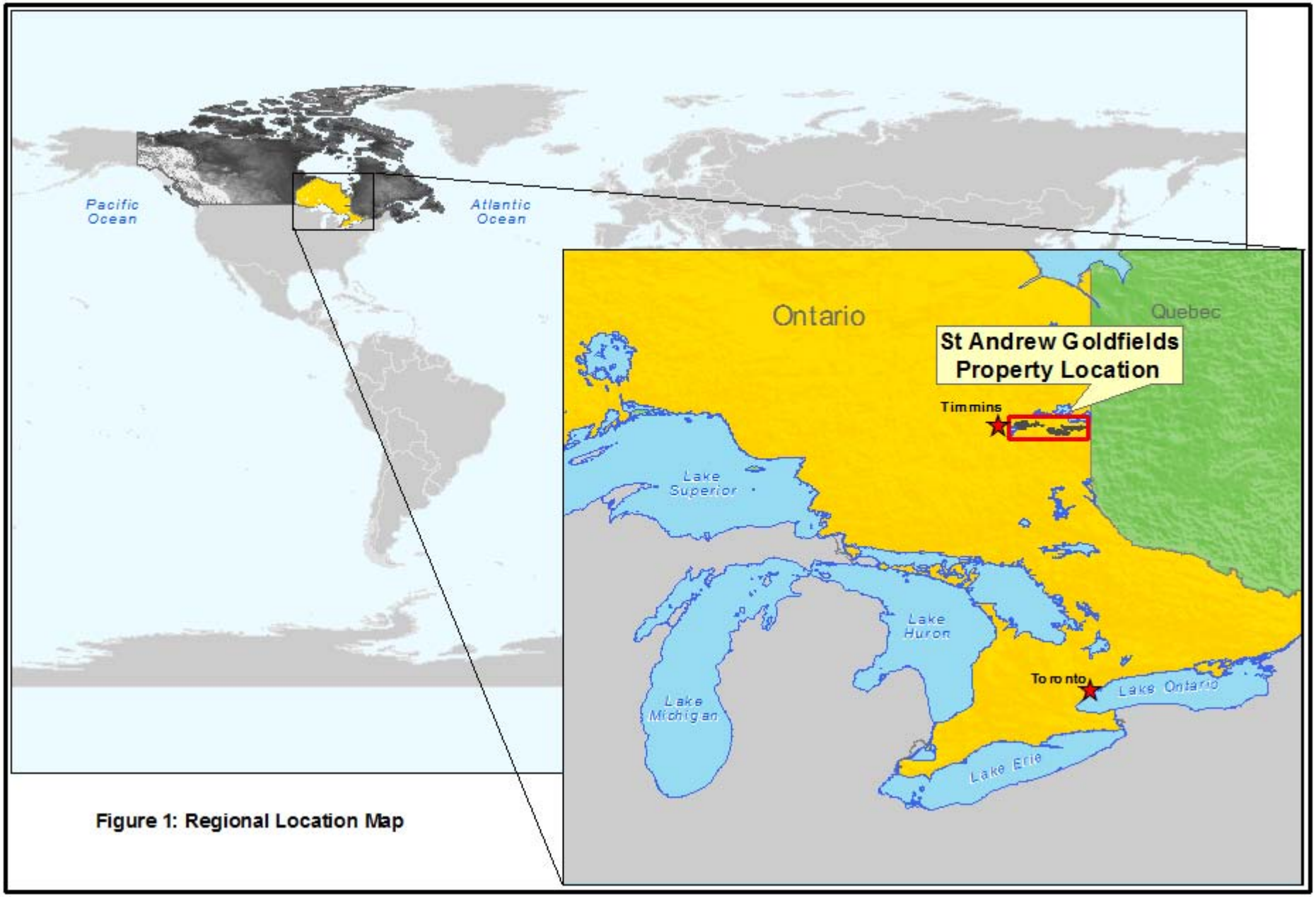
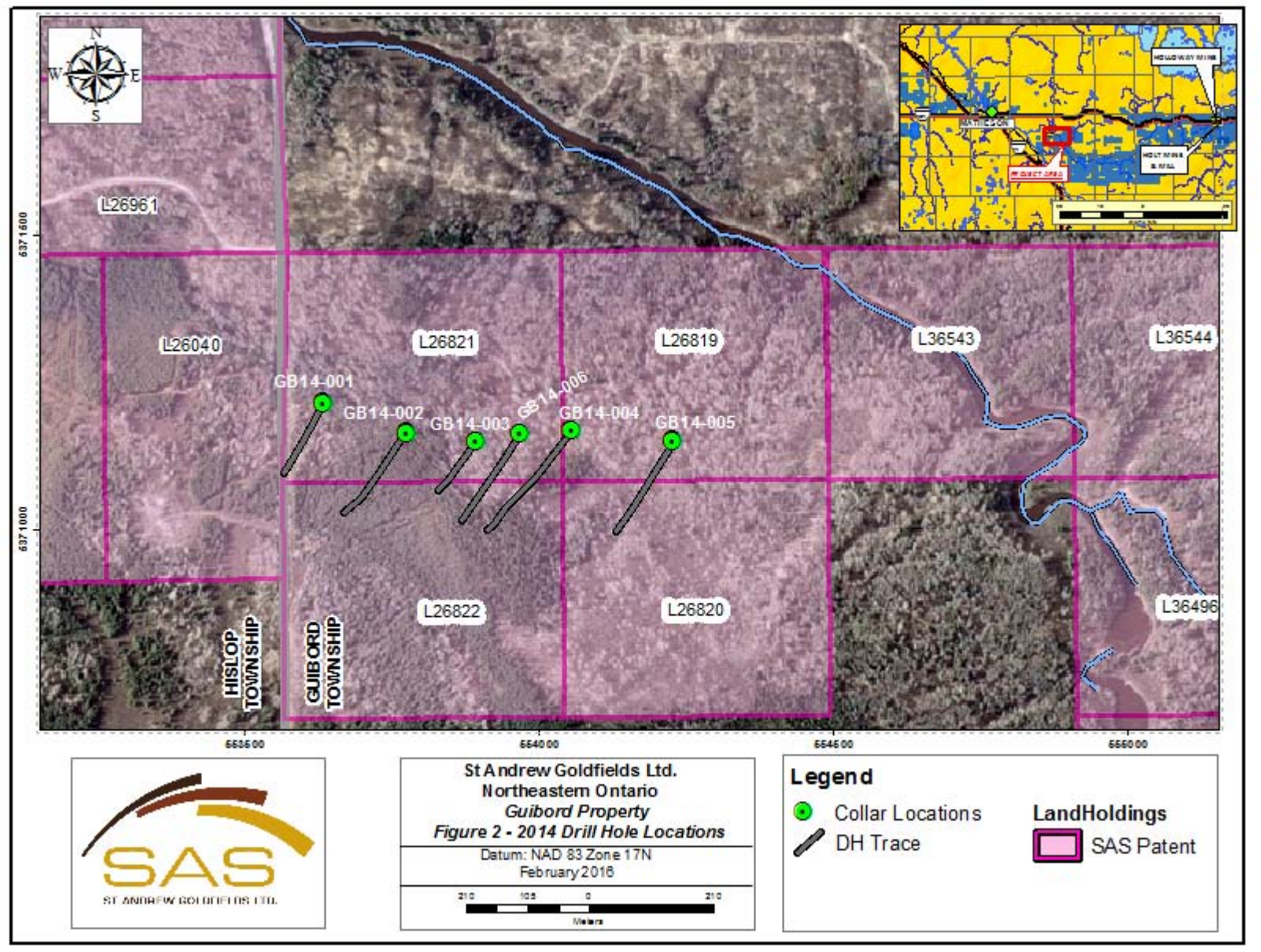


Figure 1: Regional Location Map



SAS
ST ANDREW GOLDFIELDS LTD.

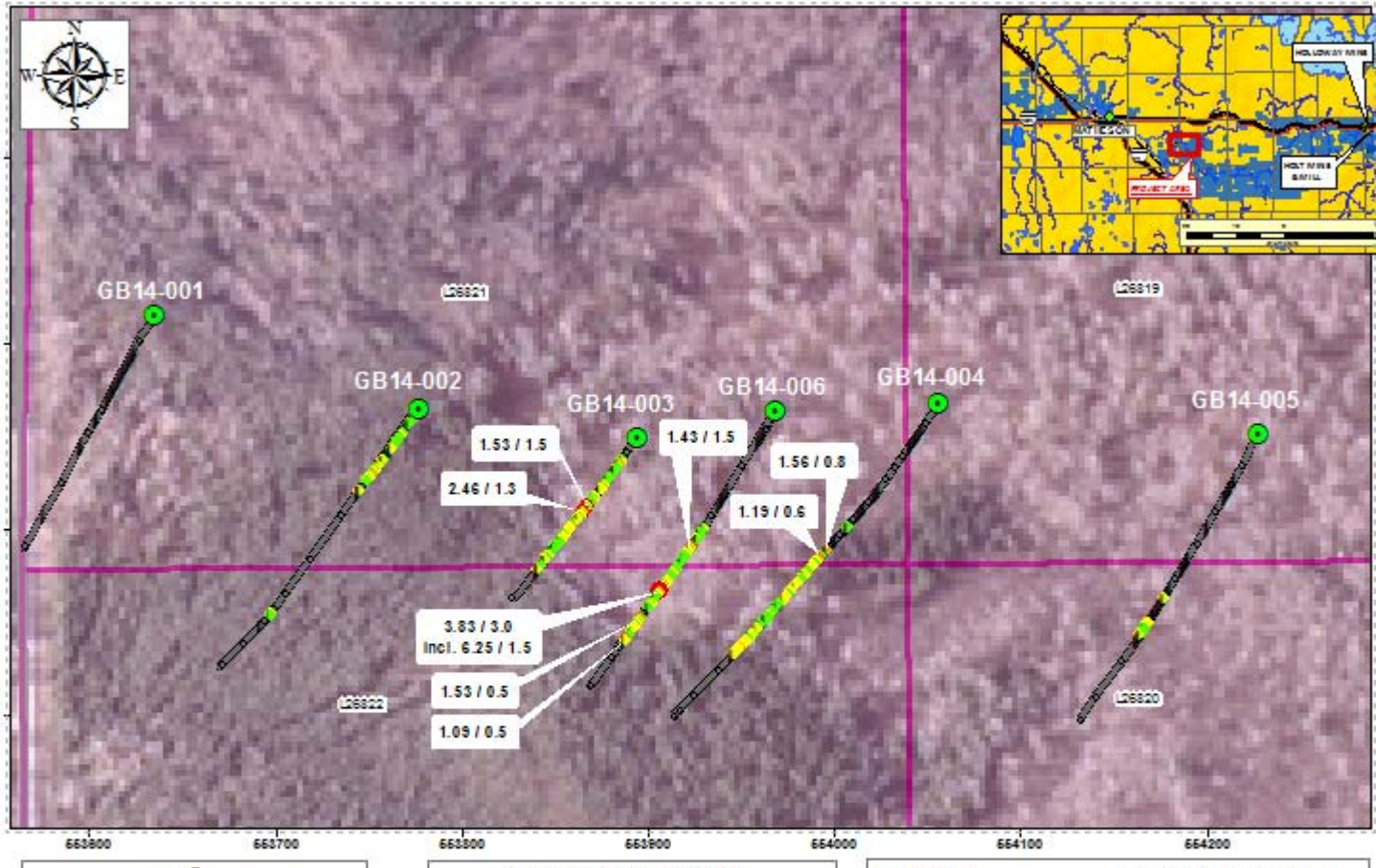
St Andrew Goldfields Ltd.
Northeastern Ontario
Guibord Property
Figure 2 - 2014 Drill Hole Locations
Datum: NAD 83 Zone 17N
February 2016

Legend

- Collar Locations
- DH Trace

LandHoldings

- SAS Patent



SAS
ST ANDREW GOLDFIELDS LTD.

St Andrew Goldfields Ltd.
Northeastern Ontario
Guibord Property
Figure 3 - 2014 Drill Hole Assays

Datum: NAD 83 Zone 17N
February 2016

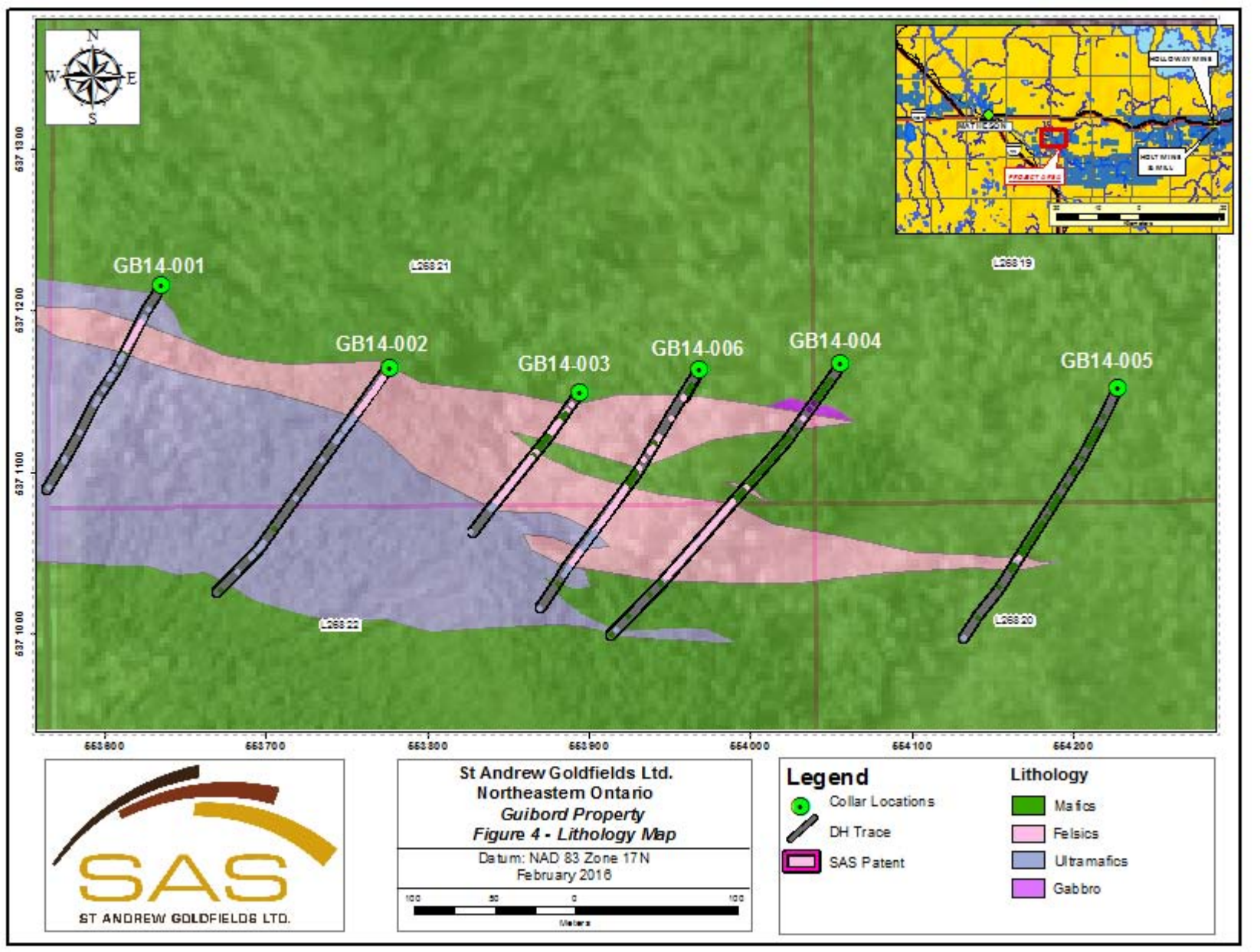
100 50 0 100
Meters

Legend

- Collar Locations
- DH Trace
- SAS Patent
- 6.38/3.1 grams tonnes Au over core length (meters)

Assay Values (ppm)

- 0.05 - 0.1
- 0.10 - 0.5
- 0.50 - 1.0
- 1.00 - 2.00
- 2.00 - 7.00



ST ANDREW GOLDFIELDS LTD.

St Andrew Goldfields Ltd.
Northeastern Ontario
Guibord Property
Figure 4 - Lithology Map

Datum: NAD 83 Zone 17N
February 2016

100 50 0 100
Meters

Legend

- Collar Locations
- DH Trace
- SAS Patent

Lithology

- Mafics
- Felsics
- Ultramafics
- Gabbro

GEOLOGY LEGEND

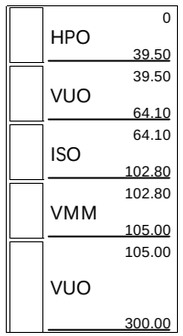
Colour	Rock Code	Lithology
	ACG	Green Carbonate Altered Rock
	AEO	Sericite Altered Rock
	HPO	Casing/Overburden
	IFO	Felsic Intrusive Undivided
	IIO	Intermediate Intrusive
	IMO	Mafic Intrusive Rock
	IPF	Feldspar Porphyry
	IPO	Felsic Porphyritic Intrusive
	ISO	Syenitic Intrusive Rock
	ISP	Porphyritic Syenite
	LDO	Diabase Dyke
	LLB	Biotitic Lamprophyre
	LLO	Lamprophyre
	QBX	Quartz Breccia
	SCO	Conglomerates
	SIA	Argillite
	SOO	Sediments Undivided
	VGB	Biotitic Gabbro
	VGO	Gabbro
	VMA	Mafic Volcanic Amygdaloidal
	VMM	Mafic Volcanic Massive
	VMP	Mafic Volcanic Pillowed
	VMT	Mafic Volcanic Tuffaceous
	VMV	Mafic Volcanic Variolitic
	VMX	Mafic Breccia
	VUO	Ultramafic Volcanic
	VUX	Ultramafic Breccia
	ZFZ	Fault Zone

Figure 5

Appendix 1

Diamond Drill Logs

GRAPHIC SUMMARY REPORT



Hole No: GB14-001 Hole Type: Explor Hole Size: NQ

Location: Guibord Township Core Storage: Exploration

Casing: YES Claim No: L26821/L26046

Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 300.00

Azimuth Dec: 210.00 Dip Dec: -55.00

Collar Survey: ☐ Pulse Em Survey: ☐ Multi Shot Survey: ☐

Making Water: ☐ Is Hole Plugged: ☐ Is Cemented: ☐

Contractor: Orbit Garant Start Date: Sep 09, 2014 Completed: Sep 16, 2014

Logged By: cbetts Entered On: Sep 18, 2014

Comments:

Coordinates

Coord Type	Grid Type	NS Dec	EW Dec	Elevation	Destination Grid	NS Dec Calc	EW Dec Calc	Elevation Calc	Comments
P	UTM:NAD83:	5371225.000000	553642.000000	300.0000	UTM:				

DETAILED LOG

Hole Number: GB14-001 Units: METRIC

Project Name:	Guibord	Primary Coordinates	Grid: UTM:NAD83:	Destination Coordinates	Grid: UTM:	Collar Dip:	-55.00
Project Number:		North:	5371225.00	North:		Collar Az:	210.00
Location:	Guibord Township	East:	553642.00	East:		Length:	300.00
		Elev:	300.00	Elev:		Start Depth:	0.00
Date Started:	Sep 09, 2014	Collar Survey:	N Plugged: N	Contractor:	Orbit Garant	Final Depth:	300.00
Date Completed:	Sep 16, 2014	Multishot Survey:	N Hole Size: NQ	Core Storage:	Exploration		
		Pulse EM Survey:	N Casing: YES				

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	209.80	-54.50	EZ Shot	OK	used first test	60.00	209.80	-54.50	EZ Shot	OK	
99.00	209.80	-54.40	EZ Shot	OK		150.00	209.20	-54.20	EZ Shot	OK	
201.00	208.60	-54.90	EZ Shot	OK		249.00	210.10	-54.80	EZ Shot	OK	
300.00	208.70	-55.20	EZ Shot	OK							

Detailed Lithology

From	To	Lithology
0.00	39.50	HPO, OVERBURDEN
39.50	64.10	VUO, ULTRAMAFIC VOLCANIC Dark greenish grey moderately magnetic fine to medium grained ultramafic volcanic with spinifex texture. Spinifex texture is visible throughout ultramafic unit as 0.5-3cm blades. Moderate pervasive chlorite alteration with weak to moderate pervasive tacl alteration throught unit. moderate mm-1 cm scale CArb/Quartz veining at variable angles TCA. 0.5% very fine grained blebby pyrite canbe found locally. LC is sharp at 45 deg TCA. 50.9-51.3m: small fine grained mafic intrsuive reddish grey in colour no significant change in veining or sulphides

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E604844	57.00	58.50	1.50	0.00
E604846	58.50	60.00	1.50	0.01
E604847	60.00	61.50	1.50	0.00
E604848	61.50	63.00	1.50	0.00
E604849	63.00	64.10	1.10	0.00

Hole Number: GB14-001 Units: METRIC

Detailed Lithology

From	To	Lithology
64.10	102.80	ISO, SYENITIC INTRUSIVE Light pinkish grey very fine to fine grained nonmagnetic syenite. Weak patchy chlorite/hematite alteration with weak patchy sericite and epidote alteration lower in the unit. very minimal vuggy carbonate veins 1-4mm in scale ~70 deg TCA. 0.5% disseminated to very fine grained blebby pyrite found locally throughout syenite unit. Lower contact is sharp. Minor mafic intrusive at 73.7-73.9m: dark grey mafic intrusive, no significant change in veining or sulphides
102.80	105.00	VMM, MAFIC VOLCANIC MASSIVE Dark greenish grey patchy white very fine grained weakly magnetic massive mafic volcanic. moderate pervasive chlorite with weak patchy sericite alterations along fractures. weak Carbonate veinlets at variable angles TCA. 0.5-1% fine grained blebby fracture controlled pyrite found throughout. Lower contact is sharp with ultramafic below.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E604850	64.10	65.10	1.00	0.01
E604851	65.10	66.00	0.90	0.01
E604852	66.00	67.50	1.50	0.01
E604853	67.50	69.00	1.50	0.01
E604854	69.00	70.50	1.50	0.00
E604856	70.50	72.00	1.50	0.01
E604857	72.00	73.50	1.50	0.01
E604858	73.50	75.00	1.50	0.02
E604859	75.00	76.50	1.50	0.01
E604860	76.50	78.00	1.50	0.01
E604861	78.00	79.50	1.50	0.00
E604862	79.50	81.00	1.50	0.01
E604863	81.00	82.50	1.50	0.01
E604864	82.50	84.00	1.50	0.01
E604866	84.00	85.50	1.50	0.01
E604867	85.50	87.00	1.50	0.01
E604868	87.00	88.50	1.50	0.01
E604869	88.50	90.00	1.50	0.01
E604870	90.00	91.50	1.50	0.01
E604871	91.50	93.00	1.50	0.01
E604872	93.00	94.50	1.50	0.01
E604873	94.50	96.00	1.50	0.01
E604874	96.00	97.50	1.50	0.02
E604876	97.50	99.00	1.50	0.02
E604877	99.00	100.50	1.50	0.01
E604878	100.50	102.00	1.50	0.01
E604879	102.00	102.80	0.80	0.01
E604880	102.80	103.50	0.70	0.04
E604881	103.50	105.00	1.50	0.00

Hole Number: GB14-001 Units: METRIC

Detailed Lithology

From	To	Lithology
105.00	300.00	VUO, ULTRAMAFIC VOLCANIC Dark greenish grey patchy white ultramafic volcanic with moderate patchy magnetism. spinifex texture can be seen between 111-120m. Moderate pervasive chlorite with weak pervasive talc alteration. Weak sericite alteration occurs from 265.2-273m along with slight foliation @ 30 deg TCA. Moderate carbonate veinlets throughout unit at variable angles TCA. 0.5-1% disseminated to very fine grained blebby pyrite. Locally up to 1-2% very fine grained blebby pyrite. Lower contact is 116-117.4m: fine to medium grained nonmagnetic mafic intrusive with visible horneblende crystals along veining. 131-132.3m: Fione to medium grained nonmagnetic mafic intrusive. Moderate bleaching occurs at top 50 cm of section with chlorite alteration throughout. Medium grained visible hornblende crystals visible in bottom section. 1% disseminated to vfg blebb y pyrite 160.3-161.6m: Fine grained non magnetic mafic intrusive. Moderate pervasive bleaching throughout intrusive with weak patchy chlorite alteration. no significant change in veining with increase to 1-2% disseminated to vfg blebby pyrite. MINOR INTERVALS: Minor Interval: 116.00 - 117.40 IMO, MAFIC INTUSIVE Black fine to medium grained non magnetic mafic intrusive with visible hornblende crystals. no significant change in veining or sulphides. Minor Interval: 131.00 - 132.30 IMO, MAFIC INTUSIVE Fine to medium grained nonmagnetic mafic intrusive. Moderate bleaching occurs at top 50 cm of section with chlorite alteration throughout. Medium grained visible hornblende crystals visible in bottom section. 1% disseminated to vfg blebb y pyrite Minor Interval: 160.30 - 161.60 IMO, MAFIC INTUSIVE Fine grained non magnetic mafic intrusive. Moderate pervasive bleaching throughout intrusive with weak patchy chlorite alteration. no significant change in veining with increase to 1-2% disseminated to vfg blebby pyrite.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E604882	105.00	106.50	1.50	0.01
E604883	106.50	108.00	1.50	0.00
E604884	108.00	109.50	1.50	0.00
E604886	109.50	111.00	1.50	0.01
E604887	111.00	112.50	1.50	0.01
E604888	112.50	114.00	1.50	0.00
E604889	129.00	129.50	0.50	0.01
E604890	129.50	130.50	1.00	0.04
E604891	130.50	131.00	0.50	0.02
E604892	131.00	131.50	0.50	0.00
E604893	131.50	132.30	0.80	0.00
E604894	132.30	133.00	0.70	0.01
E604896	133.00	133.50	0.50	0.01
E604897	133.50	134.50	1.00	0.01
E604898	157.60	159.00	1.40	0.02
E604899	159.00	160.30	1.30	0.02
E604900	160.30	161.00	0.70	0.01
E604901	161.00	161.60	0.60	0.00
E604902	161.60	162.10	0.50	0.01
E604903	162.10	163.50	1.40	0.00
E604904	163.50	165.00	1.50	0.01
E604906	231.40	232.10	0.70	0.00
E604907	232.10	233.60	1.50	0.00
E604908	233.60	234.40	0.80	0.00

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604844	57.00	58.50	0.0030
E604846	58.50	60.00	0.0130
E604847	60.00	61.50	0.0020
E604848	61.50	63.00	0.0040
E604849	63.00	64.10	0.0020
E604850	64.10	65.10	0.0100
E604851	65.10	66.00	0.0130
E604852	66.00	67.50	0.0090

Hole Number: GB14-001 Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604853	67.50	69.00	0.0060
E604854	69.00	70.50	0.0030
E604856	70.50	72.00	0.0120
E604857	72.00	73.50	0.0050
E604858	73.50	75.00	0.0150
E604859	75.00	76.50	0.0110
E604860	76.50	78.00	0.0100
E604861	78.00	79.50	0.0040
E604862	79.50	81.00	0.0080
E604863	81.00	82.50	0.0060
E604864	82.50	84.00	0.0070
E604866	84.00	85.50	0.0100
E604867	85.50	87.00	0.0130
E604868	87.00	88.50	0.0080
E604869	88.50	90.00	0.0138
E604870	90.00	91.50	0.0130
E604871	91.50	93.00	0.0070
E604872	93.00	94.50	0.0120
E604873	94.50	96.00	0.0130
E604874	96.00	97.50	0.0150
E604876	97.50	99.00	0.0200
E604877	99.00	100.50	0.0070
E604878	100.50	102.00	0.0060
E604879	102.00	102.80	0.0120
E604880	102.80	103.50	0.0400
E604881	103.50	105.00	0.0030
E604882	105.00	106.50	0.0050
E604883	106.50	108.00	0.0020
E604884	108.00	109.50	0.0030
E604886	109.50	111.00	0.0050
E604887	111.00	112.50	0.0050
E604888	112.50	114.00	0.0020
E604889	129.00	129.50	0.0070
E604890	129.50	130.50	0.0370
E604891	130.50	131.00	0.0150
E604892	131.00	131.50	0.0010
E604893	131.50	132.30	0.0040
E604894	132.30	133.00	0.0070
E604896	133.00	133.50	0.0140

Hole Number: GB14-001

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604897	133.50	134.50	0.0050
E604898	157.60	159.00	0.0160
E604899	159.00	160.30	0.0190
E604900	160.30	161.00	0.0050
E604901	161.00	161.60	0.0030
E604902	161.60	162.10	0.0070
E604903	162.10	163.50	0.0020
E604904	163.50	165.00	0.0060
E604906	231.40	232.10	0.0040
E604907	232.10	233.60	0.0010
E604908	233.60	234.40	0.0040

GRAPHIC SUMMARY REPORT

HPO	0 – 19.90
ISO	19.90 – 83.90
VUO	83.90 – 216.70
VMO	216.70 – 247.60
VUO	247.60 – 311.80
VMP	311.80 – 327.00

Hole No: GB14-002 Hole Type: Explor Hole Size: NQ

Location: Guibord Township Core Storage: Exploration

Casing: YES Claim No: L26821/L26822

Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 327.00

Azimuth Dec: 214.00 Dip Dec: -55.00

Collar Survey: ☐ Pulse Em Survey: ☐ Multi Shot Survey: ☐

Making Water: ☐ Is Hole Plugged: ☐ Is Cemented: ☐

Contractor: Orbit Garant Start Date: Sep 16, 2014 Completed: Sep 17, 2014

Logged By: cbetts Entered On: Sep 20, 2014

Comments:

Coordinates

Coord Type	Grid Type	NS Dec	EW Dec	Elevation	Destination Grid	NS Dec Calc	EW Dec Calc	Elevation Calc	Comments
P	UTM:NAD83:	5371174.000000	553784.000000	300.0000	UTM:				

DETAILED LOG

Hole Number: GB14-002 Units: METRIC

Project Name:	Guibord	Primary Coordinates	Grid: UTM:NAD83:	Destination Coordinates	Grid: UTM:	Collar Dip:	-55.00
Project Number:		North:	5371174.00	North:		Collar Az:	214.00
Location:	Guibord Township	East:	553784.00	East:		Length:	327.00
		Elev:	300.00	Elev:		Start Depth:	0.00
Date Started:	Sep 16, 2014	Collar Survey:	N	Plugged:	N	Contractor:	Orbit Garant	Final Depth:	327.00
Date Completed:	Sep 17, 2014	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	Exploration		
		Pulse EM Survey:	N	Casing:	YES				

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	213.90	-54.60	EZ Shot	OK	used first test	42.00	213.90	-54.60	EZ Shot	OK	
99.00	217.80	-54.30	EZ Shot	OK		150.00	214.00	-54.50	EZ Shot	OK	
201.00	214.80	-54.80	EZ Shot	OK		249.00	218.80	-54.30	EZ Shot	OK	
300.00	225.60	-54.60	EZ Shot	OK		327.00	219.90	-54.80	EZ Shot	OK	

Detailed Lithology

From	To	Lithology
0.00	19.90	HPO, OVERBURDEN

Assay Data

Sample Number	From	To	Length	Au_gpt_Final

Hole Number: GB14-002

Units: METRIC

Detailed Lithology

From	To	Lithology
19.90	83.90	ISO, SYENITIC INTRUSIVE Dark greyish purple to red wtih patchy sections of light greyish green to dark purple fine to medium grained nonmagnetic Syenite. weak to moderate patches of pervasive hematite alteration and moderate pervasive silicification occurs throughout unit with sections of strong pervasive sericite and carbonate alteration. mm-1cm scale Quartz Carbonate veinlets and stringers are found throughout unit ~70-90 deg TCA. 1-2% disseminated to very fine grained blebby/euhedral pyrite throughout with local sections up to 3%. Last ~13m of Syenite unit has minor intrusions of VUO (ultramafics) rangin in size from 10-40cm. 40.2-42.7m: IMO: fine grained mafic intrusive with mm-1cm black phenocrysts. unit is moderately and pervasively sericite altered with weak hematite alteration along fractures. no significant change in veining. Trace sulphides. 63.5-64.5m: ACO: Possible carb altered rock. light green in colour. no significant change in veining or sulphides 67-67.4m: ACO see above. MINOR INTERVALS: Minor Interval: 40.20 - 42.70 IMO, MAFIC INTUSIVE 40.2-42.7m: IMO: fine grained mafic intrusive with mm-1cm black phenocrysts. unit is moderately and pervasively sericite altered with weak hematite alteration along fractures. no significant change in veining. Trace sulphides. Minor Interval: 63.50 - 64.50 ACO, CARBONATE ALTERED ROCK 63.5-64.5m: ACO: Possible carb altered rock. light green in colour. no significant change in veining or sulphides

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E604909	20.30	21.00	0.70	0.06
E604910	21.00	22.50	1.50	0.06
E604911	22.50	24.00	1.50	0.06
E604912	24.00	24.50	0.50	0.10
E604913	24.50	26.00	1.50	0.08
E604914	26.00	26.50	0.50	0.12
E604915	26.50	27.50	1.00	0.09
E604917	27.50	28.50	1.00	0.02
E604918	28.50	30.00	1.50	0.03
E604919	30.00	31.50	1.50	0.05
E604920	31.50	32.90	1.40	0.10
E604921	32.90	33.40	0.50	0.05
E604922	33.40	34.50	1.10	0.02
E604923	34.50	36.00	1.50	0.02
E604924	36.00	37.50	1.50	0.07
E604925	37.50	39.00	1.50	0.02
E604927	39.00	40.40	1.40	0.05
E604928	40.40	41.90	1.50	0.00
E604929	41.90	42.70	0.80	0.00
E604930	42.70	43.50	0.80	0.04
E604931	43.50	45.00	1.50	0.02
E604932	45.00	46.50	1.50	0.03
E604933	46.50	47.80	1.30	0.05
E604934	47.80	49.00	1.20	0.03
E604936	49.00	50.00	1.00	0.10
E604937	50.00	51.00	1.00	0.17
E604938	51.00	52.50	1.50	0.07
E604939	52.50	54.00	1.50	0.03
E604940	54.00	55.50	1.50	0.07
E604941	55.50	57.00	1.50	0.07
E604942	57.00	57.50	0.50	0.03
E604943	57.50	58.40	0.90	0.05
E604944	58.40	60.00	1.60	0.07
E604946	60.00	61.50	1.50	0.10
E604947	61.50	62.20	0.70	0.06
E604948	62.20	62.80	0.60	0.06
E604949	62.80	63.50	0.70	0.05
E604950	63.50	64.50	1.00	0.04
E604951	64.50	65.90	1.40	0.12
E604952	65.90	66.80	0.90	0.02
E604953	66.80	67.40	0.60	0.02
E604954	67.40	68.50	1.10	0.04
E604956	68.50	69.10	0.60	0.04

Hole Number: GB14-002 Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E604957	69.10	70.50	1.40	0.03
			E604958	70.50	71.80	1.30	0.05
			E604959	71.80	72.70	0.90	0.02
			E604960	72.70	73.40	0.70	0.01
			E604961	73.40	74.70	1.30	0.01
			E604962	74.70	75.20	0.50	0.02
			E604963	75.20	76.10	0.90	0.03
			E604964	76.10	77.50	1.40	0.03
			E604966	77.50	78.00	0.50	0.10
			E604967	78.00	79.20	1.20	0.15
			E604968	79.20	80.30	1.10	0.04
			E604969	80.30	81.10	0.80	0.03
			E604970	81.10	82.60	1.50	0.01
			E604971	82.60	83.90	1.30	0.04
83.90	216.70	VUO, ULTRAMAFIC VOLCANIC Dark grey medium grained moderately magnetic ultramafic volcanic. Moderate pervasive chlorite alteration with weak pervasive talc alteration. Moderate mm-1 cm scale Carbonate Quartz veinlets and stringers occur throughout the unit at variablw angle TCA. 0.5-2% very fine grained blebby and euhedral pyrite located in patches throughout unit. 99.4-101.3m: IPF: Dark reddish brown feldspar porphyry. Moderate pervasive hematite alteration. no veining and trace sulphides. MINOR INTERVALS: Minor Interval: 99.40 - 101.30 IPF, FELDSPAR PORPYRY Dark reddish brown feldspar porphyry with moderate pervasive hematite alteration and no significant veining or sulphides.	E604972	83.90	85.40	1.50	0.15
			E604973	85.40	86.90	1.50	0.03
			E604974	86.90	88.40	1.50	0.03
			E604976	88.40	89.00	0.60	0.23
			E604977	89.00	90.00	1.00	0.15
			E604978	90.00	91.50	1.50	0.08
			E604979	91.50	93.00	1.50	0.31
			E604980	93.00	94.50	1.50	0.96
			E604981	94.50	95.70	1.20	0.74
			E604982	95.70	96.80	1.10	0.10
			E604983	96.80	97.40	0.60	0.06
			E604984	97.40	98.90	1.50	0.26
			E604986	98.90	99.40	0.50	0.19
			E604987	99.40	100.50	1.10	0.00
			E604988	100.50	101.30	0.80	0.00
			E604989	101.30	102.00	0.70	0.11
			E604990	102.00	103.50	1.50	0.09
			E604991	114.00	114.80	0.80	0.17
			E604992	114.80	115.30	0.50	0.01
			E604993	115.30	115.90	0.60	0.01
			E604994	115.90	116.40	0.50	0.03
			E604996	116.40	117.00	0.60	0.01
			E604997	117.00	117.50	0.50	0.02
			E604998	117.50	118.00	0.50	0.03

Hole Number: GB14-002 Units: METRIC

Detailed Lithology

From	To	Lithology
216.70	247.60	VMO, MAFIC VOLCANIC UNDIVIDED Dark green patchy white patchy tan Mafic volcanic nonmagnetic. Maifc unit has small 5 cm sections with possible varioles and pillow selvedges. Moderate pervasive chlorite alteration as well as weak patchy sericite alteration ocur throughout the unit. Upper half of unit has weak Quartz carbonate veinlets at variable angles TCA. The lower half of the unit has moderate Quarzt carb veinlets and veins at variable angles TCA. 0.5% very fine grained blebby pyrite can be found locally throughout the unit.
247.60	311.80	VUO, ULTRAMAFIC VOLCANIC Dark gren grey patchy white moderately magnetic ultramafic volcanic with sections of deep red mafic intrusives. Moderate pervasive chlorite and weak pervasive talc alteration occur throughout the ultramafics with moderate pervasive hematite alteration in the mafic intrusives. Moderate quartz carbonate veining occurs throughotu as mm-2cm scale veinlets at variable angles TCA. 0.5% very fine grained blebby pyrite can be found locally in the unit. 253.4-255.6m: IMO: Mafic intrusive with moderate pervasive hematite alteration, no significant change in veining or sulphides. 268.9-270.7m: IMO: Mafic intrusive with moderate pervasive hematite alteration, no significant change in veining from surrounding VUO. increase up up to 0.5-1% very fine grained blebby pyrite. 279.6-275.4m: IMO: Mafic intrusive with moderate pervasive hematite alteratiom, no significant veining 0.5% very fien grained blebby pyrite MINOR INTERVALS: Minor Interval: 253.40 - 255.60 IMO, MAFIC INTUSIVE 253.4-255.6m: IMO: Mafic intrusive with moderate pervasive hematite alteration, no significant change in veining or sulphides. Minor Interval: 268.90 - 270.70 IMO, MAFIC INTUSIVE 268.9-270.7m: IMO: Mafic intrusive with moderate pervasive hematite alteration, no significant change in veining from surrounding VUO. increase up up to 0.5-1% very fine grained blebby pyrite.
311.80	327.00	VMP, VOLCANIC MASSIVE PILLOWED Dark green grey patchy white weakly magnetic pillowed mafic volcanic. Pillow selvedges range in size from 1-4 cm selvedges and appear black in core. Moderate pervasice chlorite alteration with moderate patchy sericite alteration along fractures. Weak 1-3 cm scale Carbonate quartz veins ~60-70 deg TCA. Trace pyrite. EOH

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E604999	252.00	253.40	1.40	0.04
E605000	253.40	254.80	1.40	0.12
E605001	254.80	255.60	0.80	0.05
E605002	255.60	256.40	0.80	0.03
E605003	267.70	268.90	1.20	0.00
E605004	268.90	270.00	1.10	0.04
E605006	270.00	270.70	0.70	0.02
E605007	270.70	271.50	0.80	0.04

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604909	20.30	21.00	0.0630
E604910	21.00	22.50	0.0580

Hole Number: GB14-002

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604911	22.50	24.00	0.0570
E604912	24.00	24.50	0.1020
E604913	24.50	26.00	0.0820
E604914	26.00	26.50	0.1240
E604915	26.50	27.50	0.0900
E604917	27.50	28.50	0.0220
E604918	28.50	30.00	0.0300
E604919	30.00	31.50	0.0470
E604920	31.50	32.90	0.0960
E604921	32.90	33.40	0.0450
E604922	33.40	34.50	0.0170
E604923	34.50	36.00	0.0200
E604924	36.00	37.50	0.0650
E604925	37.50	39.00	0.0160
E604927	39.00	40.40	0.0490
E604928	40.40	41.90	0.0010
E604929	41.90	42.70	0.0040
E604930	42.70	43.50	0.0430
E604931	43.50	45.00	0.0190
E604932	45.00	46.50	0.0290
E604933	46.50	47.80	0.0500
E604934	47.80	49.00	0.0270
E604936	49.00	50.00	0.1020
E604937	50.00	51.00	0.1650
E604938	51.00	52.50	0.0700
E604939	52.50	54.00	0.0330
E604940	54.00	55.50	0.0680
E604941	55.50	57.00	0.0740
E604942	57.00	57.50	0.0320
E604943	57.50	58.40	0.0520
E604944	58.40	60.00	0.0670
E604946	60.00	61.50	0.0950
E604947	61.50	62.20	0.0620
E604948	62.20	62.80	0.0560
E604949	62.80	63.50	0.0480
E604950	63.50	64.50	0.0350
E604951	64.50	65.90	0.1200
E604952	65.90	66.80	0.0230
E604953	66.80	67.40	0.0200

Hole Number: GB14-002

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604954	67.40	68.50	0.0410
E604956	68.50	69.10	0.0380
E604957	69.10	70.50	0.0250
E604958	70.50	71.80	0.0490
E604959	71.80	72.70	0.0150
E604960	72.70	73.40	0.0080
E604961	73.40	74.70	0.0110
E604962	74.70	75.20	0.0170
E604963	75.20	76.10	0.0270
E604964	76.10	77.50	0.0270
E604966	77.50	78.00	0.0950
E604967	78.00	79.20	0.1520
E604968	79.20	80.30	0.0440
E604969	80.30	81.10	0.0280
E604970	81.10	82.60	0.0070
E604971	82.60	83.90	0.0410
E604972	83.90	85.40	0.1480
E604973	85.40	86.90	0.0280
E604974	86.90	88.40	0.0270
E604976	88.40	89.00	0.2250
E604977	89.00	90.00	0.1500
E604978	90.00	91.50	0.0760
E604979	91.50	93.00	0.3140
E604980	93.00	94.50	0.9640
E604981	94.50	95.70	0.7390
E604982	95.70	96.80	0.1020
E604983	96.80	97.40	0.0560
E604984	97.40	98.90	0.2600
E604986	98.90	99.40	0.1910
E604987	99.40	100.50	0.0040
E604988	100.50	101.30	0.0030
E604989	101.30	102.00	0.1090
E604990	102.00	103.50	0.0910
E604991	114.00	114.80	0.1650
E604992	114.80	115.30	0.0070
E604993	115.30	115.90	0.0140
E604994	115.90	116.40	0.0260
E604996	116.40	117.00	0.0090
E604997	117.00	117.50	0.0240

Hole Number: GB14-002

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604998	117.50	118.00	0.0270
E604999	252.00	253.40	0.0380
E605000	253.40	254.80	0.1210
E605001	254.80	255.60	0.0510
E605002	255.60	256.40	0.0310
E605003	267.70	268.90	0.0040
E605004	268.90	270.00	0.0390
E605006	270.00	270.70	0.0240
E605007	270.70	271.50	0.0400

GRAPHIC SUMMARY REPORT

HPO	0 – 24.00
ISO	24.00 – 47.60
VMO	47.60 – 60.70
ISO	60.70 – 88.00
VMM	88.00 – 115.50
ISO	115.50 – 120.70
VMM	120.70 – 125.50
ISO	125.50 – 211.50
VUO	211.50 – 300.00

Hole No: GB14-003 Hole Type: Explor Hole Size: NQ

Location: Guibord Township Core Storage: Exploration

Casing: YES Claim No: L26821/L26822

Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 300.00

Azimuth Dec: 215.00 Dip Dec: -64.00

Collar Survey: ☐ Pulse Em Survey: ☐ Multi Shot Survey: ☐

Making Water: ☐ Is Hole Plugged: ☐ Is Cemented: ☐

Contractor: Orbit Garant Start Date: Sep 19, 2014 Completed: Sep 21, 2014

Logged By: cbetts Entered On: Sep 22, 2014

Comments:

Coordinates

Coord Type	Grid Type	NS Dec	EW Dec	Elevation	Destination Grid	NS Dec Calc	EW Dec Calc	Elevation Calc	Comments
P	UTM:NAD83:	5371153.000000	553898.000000	300.0000	UTM:				

DETAILED LOG

Hole Number: GB14-003 Units: METRIC

Project Name:	Guibord	Primary Coordinates	Grid: UTM:NAD83:	Destination Coordinates	Grid: UTM:	Collar Dip:	-64.00
Project Number:		North:	5371153.00	North:		Collar Az:	215.00
Location:	Guibord Township	East:	553898.00	East:		Length:	300.00
		Elev:	300.00	Elev:		Start Depth:	0.00
Date Started:	Sep 19, 2014	Collar Survey:	N	Plugged:	N	Contractor:	Orbit Garant	Final Depth:	300.00
Date Completed:	Sep 21, 2014	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	Exploration		
		Pulse EM Survey:	N	Casing:	YES				

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	215.20	-64.20	EZ Shot	OK	used first test	45.00	215.20	-64.20	EZ Shot	OK	retest as first test had MAG of 383
99.00	217.80	-63.80	EZ Shot	OK		150.00	217.70	-63.40	EZ Shot	OK	
201.00	219.10	-63.20	EZ Shot	OK		249.00	220.50	-63.20	EZ Shot	OK	
300.00	218.30	-63.00	EZ Shot	OK							

Detailed Lithology

From	To	Lithology
0.00	24.00	HPO, OVERBURDEN
24.00	47.60	ISO, SYENITIC INTRUSIVE Dark red with patchy purple and light green nonmagnetic syenite. Moderate to strong pervasive hematite alteration occurs throughou tthe syuenite unit with weak to moderate patchy sericite alteration and weak patchy chlorite alteration. weak 1-2mm scale Carbonate quartz veinlets at 30 deg TCA can be found sparsely throughout unit. 0.5% very fine grained blebby pyrite can be found locally in this unit. 46.8-47.1m: VMO small 30 cm section of lower VMO unit with increase of pyrite, up to 2% disseminated to very fine grained pyrite.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605008	43.50	44.00	0.50	0.00
E605009	44.00	45.00	1.00	0.02
E605010	45.00	46.00	1.00	0.10
E605011	46.00	46.80	0.80	0.06
E605012	46.80	47.60	0.80	0.11

Hole Number: GB14-003 Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
47.60	60.70	VMO, MAFIC VOLCANIC UNDIVIDED Dark grey to dark purple mafic volcanic with weak patchy magnetism throughout. Unit is moderately and pervasively chlorite altered with moderate pervasive hematite alteration. moderate 1-2 mm scale Carbonate stringers at variable angles are abundant with .5cm scale Quartz carbonate veinlets at ~45 deg TCA. 1-2% disseminated pyrite can be found throughout with local sections up to 3-5% disseminated pyrite. 58.5-60.7m: ISO from above	E605013	47.60	48.10	0.50	0.01
			E605014	48.10	49.50	1.40	0.01
			E605016	49.50	51.00	1.50	0.01
			E605017	51.00	52.50	1.50	0.01
			E605018	52.50	53.30	0.80	0.65
			E605019	53.30	54.40	1.10	0.12
			E605020	54.40	54.90	0.50	0.01
			E605021	54.90	55.90	1.00	0.01
			E605022	55.90	56.80	0.90	0.12
			E605023	56.80	57.30	0.50	0.06
			E605024	57.30	58.50	1.20	0.03
			E605026	58.50	59.00	0.50	0.04
			E605027	59.00	59.50	0.50	0.35
			E605028	59.50	60.00	0.50	0.24
			E605029	60.00	60.70	0.70	0.25
60.70	88.00	ISO, SYENITIC INTRUSIVE Dark red with patchy purple and light green nonmagnetic syenite. Moderate to strong pervasive hematite alteration occurs throughou tthe syenite unit with weak to moderate patchy sericite alteration and weak patchy chlorite alteration. weak 1-2mm scale Carbonate quartz veinlets at variable angles TCA can be found sparsely throughout unit. 0.5% very fine grained blebby pyrite can be found locally in this unit.	E605030	60.70	61.50	0.80	0.08
			E605031	61.50	63.00	1.50	0.03
			E605032	63.00	64.50	1.50	0.02
			E605033	64.50	66.00	1.50	0.02
			E605034	66.00	67.50	1.50	0.02
			E605036	67.50	69.00	1.50	0.03
			E605037	69.00	70.50	1.50	0.01
			E605038	70.50	72.00	1.50	0.02
			E605039	72.00	73.50	1.50	0.06
			E605040	73.50	75.00	1.50	0.05
			E605041	75.00	76.50	1.50	0.10
			E605042	76.50	78.00	1.50	0.06
			E605043	78.00	79.50	1.50	0.02
			E605044	79.50	81.00	1.50	0.02
			E605046	81.00	82.50	1.50	0.04
			E605047	82.50	84.00	1.50	0.13
			E605048	84.00	85.50	1.50	0.02
			E605049	85.50	87.00	1.50	0.07
			E605050	87.00	88.00	1.00	0.09

Hole Number: GB14-003 Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
88.00	115.50	VMM, MAFIC VOLCANIC MASSIVE Dark grey with patchy tan and red massive mafic volcanic with moderate patchy magnetism. weak pervasive chlorite with moderate patchy hematite and weak patchy sericite alteration. weak carbonate Quartz veinlets 1-4 mm in scale at variable angle TCA. 0.5-1% disseminated to very fine grained pyrite with sections up too 3-5% disseminated pyrite along the larger veinlets.	E605051	88.00	88.50	0.50	0.14
			E605052	88.50	89.00	0.50	0.56
			E605053	89.00	89.50	0.50	0.24
			E605054	89.50	90.00	0.50	0.03
			E605056	90.00	90.50	0.50	0.37
			E605057	90.50	91.50	1.00	0.41
			E605058	91.50	93.00	1.50	0.01
			E605059	93.00	94.00	1.00	0.01
			E605060	94.00	95.10	1.10	0.00
			E605061	95.10	95.60	0.50	0.01
			E605062	95.60	96.70	1.10	0.01
			E605063	96.70	97.50	0.80	0.01
			E605064	97.50	98.00	0.50	0.02
			E605066	98.00	99.00	1.00	0.01
			E605067	99.00	100.00	1.00	0.01
			E605068	100.00	101.00	1.00	0.00
			E605069	101.00	102.00	1.00	0.01
			E605070	102.00	103.00	1.00	0.23
			E605071	103.00	104.00	1.00	0.41
			E605072	104.00	104.90	0.90	0.01
			E605073	104.90	105.60	0.70	0.05
			E605074	105.60	106.40	0.80	0.11
			E605076	106.40	107.10	0.70	0.03
			E605077	107.10	108.60	1.50	0.07
			E605078	108.60	110.00	1.40	0.27
			E605079	110.00	111.00	1.00	0.08
			E605080	111.00	112.00	1.00	0.08
			E605081	112.00	113.00	1.00	0.08
			E605082	113.00	114.00	1.00	0.01
			E605083	114.00	115.50	1.50	0.56
115.50	120.70	ISO, SYENITIC INTRUSIVE Dark reddish brown nonmagnetic syenite. Strong pervasive hematite and moderate chlorite alteration occurs throughout uni. Unit is nonmagnetic with mm scale carbonate stringers throughout. 0.5% very fine grained pyrite can be found locally throughout unit. lower contact is sharp at 45 deg TCA.	E605084	115.50	116.50	1.00	1.07
			E605086	116.50	117.00	0.50	2.45
			E605087	117.00	118.00	1.00	0.19
			E605088	118.00	119.00	1.00	0.09
			E605089	119.00	120.00	1.00	0.02
			E605090	120.00	120.70	0.70	0.04
120.70	125.50	VMM, MAFIC VOLCANIC MASSIVE Dark grey with patchy tan and red massive mafic volcanic with moderate pervasive magnetism. weak pervasive chlorite with moderate patchy hematite and weak patchy sericite alteration. weak carbonate Quartz stringers at variable angle TCA. 0.5-1% disseminated to very fine grained pyrite with sections up too 2-3% disseminated pyrite.	E605091	120.70	121.50	0.80	0.16
			E605092	121.50	122.00	0.50	0.29
			E605093	122.00	123.00	1.00	0.02
			E605094	123.00	124.00	1.00	0.16
			E605096	124.00	125.30	1.30	2.46
			E605097	125.30	126.20	0.90	0.85

Hole Number: GB14-003 Units: METRIC

Detailed Lithology

From	To	Lithology
125.50	211.50	ISO, SYENITIC INTRUSIVE Dark red to brown to light purple with patchy green coloured syenite. First 50 m of unit has strong to moderate pervasive hematite alteration. lower half of unit is weakly hematite altered. Unit is moderately to strongly silicified throughout. weak to moderate carbonate Quartz veinlets at variable angles TCA 1-3 mm in scale. 0.5-1% very fine grained to blebby pyrite can be found throughout unit. Last 11m of unit has minor ultramafic sections up to 1 m in length. lower contact is sharp at 45 deg TCA. 126.8-127.4m: Dark green VMM with carbonate quartz veining. Large 15 cm vuggy quartz carb vein at ~126.9-127.05m moderate hem altered 127.8-129m: Dark green VMM moderate pervasive chlorite altered. MINOR INTERVALS: Minor Interval: 200.00 - 209.00 VUO, ULTRAMAFIC VOLCANIC 10cm to 1Mm sections of moderately chloritized and weakly talc altered ultramafics throughout interval. Ultramafics appear as dark green to dark grey with patchy white and tan sections. 0.5-1% very fine grained blebby pyrite can be found locally in the ultramafic sections.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605098	126.20	127.30	1.10	0.07
E605099	127.30	127.80	0.50	0.32
E605100	127.80	129.10	1.30	0.03
E605101	129.10	130.00	0.90	0.22
E605102	130.00	131.00	1.00	0.58
E605103	131.00	132.00	1.00	0.20
E605104	132.00	133.00	1.00	0.07
E605106	133.00	134.00	1.00	0.05
E605107	134.00	135.00	1.00	0.21
E605108	135.00	136.00	1.00	0.16
E605109	136.00	137.10	1.10	0.13
E605110	137.10	138.00	0.90	0.02
E605111	138.00	139.00	1.00	0.02
E605112	139.00	140.00	1.00	0.03
E605113	140.00	141.00	1.00	0.03
E605114	141.00	142.00	1.00	0.12
E605116	142.00	143.00	1.00	0.02
E605117	143.00	144.00	1.00	0.02
E605118	144.00	145.00	1.00	0.05
E605119	145.00	146.00	1.00	0.04
E605120	146.00	147.00	1.00	0.06
E605121	147.00	148.00	1.00	0.17
E605122	148.00	149.00	1.00	0.90
E605123	149.00	150.00	1.00	0.21
E605124	150.00	151.00	1.00	0.34
E605126	151.00	152.00	1.00	0.16
E605127	152.00	153.00	1.00	0.17
E605128	153.00	154.00	1.00	0.09
E605129	154.00	155.00	1.00	0.41
E605130	155.00	156.00	1.00	0.15
E605131	156.00	157.00	1.00	0.14
E605132	157.00	158.00	1.00	0.34
E605133	158.00	159.00	1.00	0.14
E605134	159.00	160.00	1.00	0.15
E605136	160.00	161.00	1.00	0.07
E605137	161.00	162.00	1.00	0.05
E605138	162.00	163.00	1.00	0.04
E605139	163.00	164.00	1.00	0.11
E605140	164.00	165.00	1.00	0.06
E605141	165.00	166.00	1.00	0.15
E605142	166.00	167.00	1.00	0.20
E605143	167.00	168.00	1.00	0.13
E605144	168.00	169.00	1.00	0.06

Hole Number: GB14-003

Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E605146	169.00	170.40	1.40	0.12
			E605147	170.40	171.00	0.60	0.09
			E605148	171.00	172.00	1.00	0.03
			E605149	172.00	172.70	0.70	0.04
			E605150	172.70	174.00	1.30	0.02
			E605151	174.00	175.00	1.00	0.02
			E605152	175.00	176.00	1.00	0.07
			E605153	176.00	177.00	1.00	0.04
			E605154	177.00	178.00	1.00	0.07
			E605156	178.00	178.50	0.50	0.03
			E605157	178.50	179.00	0.50	0.09
			E605158	179.00	180.00	1.00	0.04
			E605159	180.00	181.00	1.00	0.05
			E605160	181.00	182.00	1.00	0.04
			E605161	182.00	183.00	1.00	0.08
			E605162	183.00	184.00	1.00	0.04
			E605163	184.00	185.00	1.00	0.05
			E605164	185.00	186.00	1.00	0.02
			E605166	186.00	187.00	1.00	0.04
			E605167	187.00	188.00	1.00	0.04
			E605168	188.00	189.00	1.00	0.09
			E605169	189.00	190.00	1.00	0.05
			E605170	190.00	191.00	1.00	0.02
			E605171	191.00	192.00	1.00	0.15
			E605172	192.00	193.00	1.00	0.17
			E605173	193.00	194.00	1.00	0.21
			E605174	194.00	195.00	1.00	0.21
			E605176	195.00	196.00	1.00	0.05
			E605177	196.00	197.00	1.00	0.02
			E605178	197.00	198.00	1.00	0.05
			E605179	198.00	199.00	1.00	0.11
			E605180	199.00	199.70	0.70	0.16
			E605181	199.70	200.20	0.50	0.03
			E605182	200.20	201.00	0.80	0.01
			E605183	201.00	201.70	0.70	0.02
			E605184	201.70	203.10	1.40	0.02
			E605186	203.10	204.00	0.90	0.01
			E605187	204.00	205.00	1.00	0.01
			E605188	205.00	206.00	1.00	0.01
			E605189	206.00	207.30	1.30	0.05
			E605190	207.30	208.00	0.70	0.01
			E605191	208.00	209.00	1.00	0.12
			E605192	209.00	210.00	1.00	0.06

Hole Number: GB14-003

Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E605193	210.00	211.50	1.50	0.06
211.50	300.00	VUO, ULTRAMAFIC VOLCANIC Dark grey with patchy white moderately magnetic ultramafic. Ultramafic unit has moderate pervasive chlorite as well as weak pervasive talc alteration. moderate Carbonate Quartz stringers and veinlets occur throughout unit at variable angles TCA. 0.5% fine grained pyrite can be found locally .	E605194	211.50	212.00	0.50	0.23
			E605196	212.00	213.00	1.00	0.01
			E605197	213.00	214.00	1.00	0.00
			E605198	214.00	215.00	1.00	0.00
			E605199	215.00	216.00	1.00	0.04
			E605200	216.00	216.50	0.50	0.01

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605008	43.50	44.00	0.0040
E605009	44.00	45.00	0.0150
E605010	45.00	46.00	0.1010
E605011	46.00	46.80	0.0580
E605012	46.80	47.60	0.1110
E605013	47.60	48.10	0.0060
E605014	48.10	49.50	0.0060
E605016	49.50	51.00	0.0120
E605017	51.00	52.50	0.0090
E605018	52.50	53.30	0.6505
E605019	53.30	54.40	0.1220
E605020	54.40	54.90	0.0130
E605021	54.90	55.90	0.0120
E605022	55.90	56.80	0.1210
E605023	56.80	57.30	0.0630
E605024	57.30	58.50	0.0340
E605026	58.50	59.00	0.0350
E605027	59.00	59.50	0.3480
E605028	59.50	60.00	0.2370
E605029	60.00	60.70	0.2490
E605030	60.70	61.50	0.0770
E605031	61.50	63.00	0.0330
E605032	63.00	64.50	0.0210
E605033	64.50	66.00	0.0200
E605034	66.00	67.50	0.0220
E605036	67.50	69.00	0.0340
E605037	69.00	70.50	0.0050
E605038	70.50	72.00	0.0180
E605039	72.00	73.50	0.0610

Hole Number: GB14-003

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605040	73.50	75.00	0.0450
E605041	75.00	76.50	0.0970
E605042	76.50	78.00	0.0620
E605043	78.00	79.50	0.0150
E605044	79.50	81.00	0.0190
E605046	81.00	82.50	0.0350
E605047	82.50	84.00	0.1320
E605048	84.00	85.50	0.0240
E605049	85.50	87.00	0.0680
E605050	87.00	88.00	0.0930
E605051	88.00	88.50	0.1370
E605052	88.50	89.00	0.5600
E605053	89.00	89.50	0.2380
E605054	89.50	90.00	0.0300
E605056	90.00	90.50	0.3720
E605057	90.50	91.50	0.4060
E605058	91.50	93.00	0.0110
E605059	93.00	94.00	0.0070
E605060	94.00	95.10	0.0040
E605061	95.10	95.60	0.0080
E605062	95.60	96.70	0.0050
E605063	96.70	97.50	0.0070
E605064	97.50	98.00	0.0220
E605066	98.00	99.00	0.0070
E605067	99.00	100.00	0.0060
E605068	100.00	101.00	0.0030
E605069	101.00	102.00	0.0070
E605070	102.00	103.00	0.2300
E605071	103.00	104.00	0.4060
E605072	104.00	104.90	0.0120
E605073	104.90	105.60	0.0510
E605074	105.60	106.40	0.1130
E605076	106.40	107.10	0.0270
E605077	107.10	108.60	0.0680
E605078	108.60	110.00	0.2660
E605079	110.00	111.00	0.0760
E605080	111.00	112.00	0.0810
E605081	112.00	113.00	0.0760
E605082	113.00	114.00	0.0130

Hole Number: GB14-003

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605083	114.00	115.50	0.5580
E605084	115.50	116.50	1.0700
E605086	116.50	117.00	2.4500
E605087	117.00	118.00	0.1900
E605088	118.00	119.00	0.0890
E605089	119.00	120.00	0.0210
E605090	120.00	120.70	0.0355
E605091	120.70	121.50	0.1640
E605092	121.50	122.00	0.2890
E605093	122.00	123.00	0.0220
E605094	123.00	124.00	0.1630
E605096	124.00	125.30	2.4600
E605097	125.30	126.20	0.8540
E605098	126.20	127.30	0.0670
E605099	127.30	127.80	0.3210
E605100	127.80	129.10	0.0250
E605101	129.10	130.00	0.2150
E605102	130.00	131.00	0.5750
E605103	131.00	132.00	0.1970
E605104	132.00	133.00	0.0690
E605106	133.00	134.00	0.0460
E605107	134.00	135.00	0.2130
E605108	135.00	136.00	0.1560
E605109	136.00	137.10	0.1280
E605110	137.10	138.00	0.0240
E605111	138.00	139.00	0.0160
E605112	139.00	140.00	0.0250
E605113	140.00	141.00	0.0310
E605114	141.00	142.00	0.1190
E605116	142.00	143.00	0.0160
E605117	143.00	144.00	0.0170
E605118	144.00	145.00	0.0450
E605119	145.00	146.00	0.0410
E605120	146.00	147.00	0.0620
E605121	147.00	148.00	0.1740
E605122	148.00	149.00	0.9040
E605123	149.00	150.00	0.2070
E605124	150.00	151.00	0.3440
E605126	151.00	152.00	0.1570

Hole Number: GB14-003

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605127	152.00	153.00	0.1700
E605128	153.00	154.00	0.0930
E605129	154.00	155.00	0.4100
E605130	155.00	156.00	0.1470
E605131	156.00	157.00	0.1420
E605132	157.00	158.00	0.3380
E605133	158.00	159.00	0.1400
E605134	159.00	160.00	0.1470
E605136	160.00	161.00	0.0740
E605137	161.00	162.00	0.0490
E605138	162.00	163.00	0.0420
E605139	163.00	164.00	0.1050
E605140	164.00	165.00	0.0580
E605141	165.00	166.00	0.1450
E605142	166.00	167.00	0.2000
E605143	167.00	168.00	0.1320
E605144	168.00	169.00	0.0640
E605146	169.00	170.40	0.1240
E605147	170.40	171.00	0.0940
E605148	171.00	172.00	0.0280
E605149	172.00	172.70	0.0360
E605150	172.70	174.00	0.0180
E605151	174.00	175.00	0.0170
E605152	175.00	176.00	0.0700
E605153	176.00	177.00	0.0360
E605154	177.00	178.00	0.0710
E605156	178.00	178.50	0.0270
E605157	178.50	179.00	0.0910
E605158	179.00	180.00	0.0420
E605159	180.00	181.00	0.0540
E605160	181.00	182.00	0.0360
E605161	182.00	183.00	0.0790
E605162	183.00	184.00	0.0400
E605163	184.00	185.00	0.0480
E605164	185.00	186.00	0.0230
E605166	186.00	187.00	0.0400
E605167	187.00	188.00	0.0390
E605168	188.00	189.00	0.0920
E605169	189.00	190.00	0.0470

Hole Number: GB14-003

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605170	190.00	191.00	0.0220
E605171	191.00	192.00	0.1500
E605172	192.00	193.00	0.1690
E605173	193.00	194.00	0.2060
E605174	194.00	195.00	0.2125
E605176	195.00	196.00	0.0530
E605177	196.00	197.00	0.0240
E605178	197.00	198.00	0.0490
E605179	198.00	199.00	0.1130
E605180	199.00	199.70	0.1600
E605181	199.70	200.20	0.0320
E605182	200.20	201.00	0.0090
E605183	201.00	201.70	0.0210
E605184	201.70	203.10	0.0230
E605186	203.10	204.00	0.0120
E605187	204.00	205.00	0.0090
E605188	205.00	206.00	0.0130
E605189	206.00	207.30	0.0530
E605190	207.30	208.00	0.0130
E605191	208.00	209.00	0.1180
E605192	209.00	210.00	0.0550
E605193	210.00	211.50	0.0590
E605194	211.50	212.00	0.2260
E605196	212.00	213.00	0.0090
E605197	213.00	214.00	0.0030
E605198	214.00	215.00	0.0010
E605199	215.00	216.00	0.0420
E605200	216.00	216.50	0.0140

GRAPHIC SUMMARY REPORT

	0	
	HPO	32.90
	32.90	
	VMO	63.20
	63.20	
	VGO	78.80
	78.80	
	ISO	85.20
	85.20	
	VMO	165.20
	165.20	
	ISO	171.90
	171.90	
	VMO	186.50
	186.50	
	ISO	286.50
	286.50	
	VUO	287.90
	287.90	
	VMM	317.10
	317.10	
	VMP	347.10
	347.10	
	VUO	350.00
	350.00	
	VMO	359.80

Hole No: GB14-004 Hole Type: Explor Hole Size: NQ

Location: Guibord Township Core Storage: Exploration

Casing: YES Claim No: L26819/L26821/L2

Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 359.80

Azimuth Dec: 214.00 Dip Dec: -50.00

Collar Survey: ☐ Pulse Em Survey: ☐ Multi Shot Survey: ☐

Making Water: ☐ Is Hole Plugged: ☐ Is Cemented: ☐

Contractor: Orbit Garant Start Date: Sep 22, 2014 Completed: Oct 01, 2014

Logged By: cbetts Entered On: Sep 30, 2014

Comments:

Coordinates

Coord Type	Grid Type	NS Dec	EW Dec	Elevation	Destination Grid	NS Dec Calc	EW Dec Calc	Elevation Calc	Comments
P	UTM:NAD83:	5371176.000000	554063.000000	300.0000	UTM:				

DETAILED LOG

Hole Number: GB14-004 Units: METRIC

Project Name:	Guibord	Primary Coordinates	Grid: UTM:NAD83:	Destination Coordinates	Grid: UTM:	Collar Dip:	-50.00
Project Number:		North:	5371176.00	North:		Collar Az:	214.00
Location:	Guibord Township	East:	554063.00	East:		Length:	359.80
		Elev:	300.00	Elev:		Start Depth:	0.00
Date Started:	Sep 22, 2014	Collar Survey:	N	Plugged:	N	Contractor:	Orbit Garant	Final Depth:	359.80
Date Completed:	Oct 01, 2014	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	Exploration		
		Pulse EM Survey:	N	Casing:	YES				

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	214.10	-50.40	EZ Shot	OK	used first test	54.00	214.10	-50.40	EZ Shot	OK	
99.00	216.20	-50.30	EZ Shot	OK		150.00	222.80	-49.50	EZ Shot	OK	
201.00	221.00	-49.20	EZ Shot	OK		249.00	221.70	-48.70	EZ Shot	OK	
300.00	223.90	-48.40	EZ Shot	OK		351.00	222.30	-47.50	EZ Shot	OK	

Detailed Lithology

From	To	Lithology
0.00	32.90	HPO, OVERBURDEN 32.9m of casing used

Assay Data

Sample Number	From	To	Length	Au_gpt_Final

Hole Number: GB14-004 Units: METRIC

Detailed Lithology

From	To	Lithology
32.90	63.20	VMO, MAFIC VOLCANIC UNDIVIDED Dark green patchy red aphanitic to very fine grained mafic volcanicwith moderate pervasive magnetism. First 43m of unit contains 3-40cm small syenite intrusives that are strongly hematite altered. Moderate pervasive chlorite and weak patchy sericite alteration occur throughout the mafic unit with the sericite occuring mainly along fractures. 1-3mm scale carbonate stringers and veinlets occur throughout the unit at approximately 45 deg TCA. 0.5% very fine grained blebby sulphides occur throughout unit with a section from 52.6-53.9m with ~2-3% disseminated to very fine grained pyrite. Lower contact is gradational over 20 cm as grain size increases as well as feldspar content. 59.8-60.5m: ISO: dark reddish brown syenite with no significant change in veining or sulphides.
63.20	78.80	VGO, GABBRO Dark green to very light green with patchy red moderately magnetic fine to coarse grained gabbro. moderate pervasive chlorite and moderate patchy sericite alteration occur throughout with the sericite occuring mainly along fractures and veins. Weak patchy epidote alteration can also be found in smaller sections along with long syenite intrusions which are strongly hematite altered. moderate mm scale carbonate quartz veinlets occur throughout unit at variable angles TCA with some small vuggy quartz carb veins. 0.5% very fine grained blebby sulphides.
78.80	85.20	ISO, SYENITIC INTRUSIVE Dark reddish brown nonmagnetic fine to medium grained syenite. From 82.7-84m is a section of meidum grained and slightly brecciated VMO. strong pervasive hematite alteration as well as moderate patchy chlorite alteration occur within the syenite. weak carbonate stringers at variable angles TCA occur within the syenite where within the minor VMO 1-4mm scale carbonate veinlets are found. 0.5% very fine grained blebby pyrite can be found locally. lower contact is sharp at approximately 45 deg TCA.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605201	40.50	42.00	1.50	0.00
E605202	42.00	42.60	0.60	0.00
E605203	42.60	44.00	1.40	0.00
E605204	44.00	45.00	1.00	0.01
E605205	45.00	46.50	1.50	0.00
E605206	46.50	48.00	1.50	0.00
E605208	48.00	49.00	1.00	0.00
E605209	49.00	50.00	1.00	0.00
E605210	50.00	51.00	1.00	0.00
E605211	51.00	52.00	1.00	0.00
E605212	52.00	52.60	0.60	0.00
E605213	52.60	53.10	0.50	0.00
E605214	53.10	53.90	0.80	0.00
E605216	53.90	55.00	1.10	0.01
E605217	55.00	56.00	1.00	0.00
E605218	56.00	57.00	1.00	0.00
E605219	57.00	58.00	1.00	0.00
E605220	58.00	59.00	1.00	0.00
E605221	59.00	59.80	0.80	0.00
E605222	59.80	60.50	0.70	0.01
E605223	60.50	61.50	1.00	0.00
E605224	61.50	62.50	1.00	0.04
E605226	62.50	63.20	0.70	0.01
E605227	63.20	64.20	1.00	0.00

Hole Number: GB14-004

Units: METRIC

Detailed Lithology

From	To	Lithology
85.20	165.20	VMO, MAFIC VOLCANIC UNDIVIDED Dark green grey patchy red moderately magnetic fine to medium grained mafic volcanic. moderate pervasive chlorite, moderate patchy hematite and weak patchy sericite alterations occur within the mafic unit. moderate carbonate stringers at variable angles TCA. 0.5% very fine grained blebby sulphides locally up to 1-2%. Sections of syenite intrusives from 135.4-138.7m and 150.4-153.4m: ISO strong hematite alteration moderate patchy chlorite alteration and silicification. no increase in veining or sulphides. MINOR INTERVALS: Minor Interval: 135.40 - 138.70 ISO, SYENITIC INTRUSIVE ISO strong hematite alteration moderate patchy chlorite alteration and silicification. no increase in veining or sulphides. Minor Interval: 150.40 - 153.40 ISO, SYENITIC INTRUSIVE 150.4-153.4m: ISO strong hematite alteration moderate patchy chlorite alteration and silicification. no increase in veining or sulphides.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605228	104.00	105.00	1.00	0.00
E605229	105.00	106.00	1.00	0.00
E605230	106.00	106.50	0.50	0.00
E605231	106.50	107.10	0.60	0.00
E605232	107.10	108.00	0.90	0.01
E605233	108.00	109.00	1.00	0.00
E605234	109.00	109.90	0.90	0.01
E605236	109.90	110.50	0.60	0.01
E605237	110.50	111.00	0.50	0.00
E605238	111.00	112.00	1.00	0.00
E605239	112.00	113.00	1.00	0.00
E605240	113.00	114.00	1.00	0.02
E605241	123.00	124.00	1.00	0.00
E605242	124.00	125.00	1.00	0.00
E605243	125.00	126.00	1.00	0.00
E605244	126.00	127.00	1.00	0.00
E605245	127.00	127.50	0.50	0.00
E605247	127.50	128.30	0.80	0.00
E605248	128.30	129.00	0.70	0.00
E605249	129.00	130.50	1.50	0.00
E605250	130.50	131.50	1.00	0.00
E605251	131.50	132.00	0.50	0.00
E605252	132.00	133.50	1.50	0.00
E605253	133.50	135.00	1.50	0.00
E605254	141.50	142.00	0.50	0.00
E605256	142.00	143.00	1.00	0.00
E605257	143.00	143.90	0.90	0.00
E605258	143.90	144.40	0.50	0.00
E605259	144.40	145.40	1.00	0.00
E605260	145.40	146.00	0.60	0.00
E605261	146.00	147.00	1.00	0.06
E605262	147.00	148.00	1.00	0.02
E605263	148.00	149.50	1.50	0.00
E605264	149.50	150.40	0.90	0.00
E605266	159.30	160.00	0.70	0.00
E605267	160.00	161.00	1.00	0.01
E605268	161.00	162.00	1.00	0.00
E605269	162.00	163.00	1.00	0.00
E605270	163.00	164.00	1.00	0.00
E605271	164.00	165.00	1.00	0.00

Hole Number: GB14-004

Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
165.20	171.90	ISO, SYENITIC INTRUSIVE Dark reddish brown very hard fine to medium grained nonmagnetic syenite. Moderate pervasive hematite and weak pervasive chlorite alteration occur throughout syenite unit with weak patches of pervasive sericite alteration. very weak mm scale carbonate quartz stringers. 0.25% very fine grained blebby pyrite. Lower contact is sharp at 30 deg TCA.	E605272	171.00	171.90	0.90	0.03
171.90	186.50	VMO, MAFIC VOLCANIC UNDIVIDED Dark green grey patchy red moderately magnetic fine to medium grained mafic volcanic. moderate pervasive chlorite, moderate patchy hematite and weak patchy sericite alterations occur within the mafic unit. weak carbonate stringers at variable angles TCA. 0.5% very fine grained blebby sulphides with one large section from 180.2-186.5m with up to 6% disseminated pyrite in areas. MINOR INTERVALS: Minor Interval: 178.50 - 180.20 ISO, SYENITIC INTRUSIVE Dark reddish brown fine to medium grained syenite. Moderate pervasive hematite and moderate patchy chlorite alteraion. no significant change in veining or sulphides.	E605273	171.90	172.50	0.60	0.84
			E605274	172.50	173.00	0.50	0.01
			E605276	173.00	174.00	1.00	0.01
			E605277	174.00	175.00	1.00	0.03
			E605278	175.00	176.00	1.00	0.01
			E605279	176.00	177.00	1.00	0.02
			E605280	177.00	178.00	1.00	0.01
			E605281	178.00	178.50	0.50	0.01
			E605282	178.50	179.40	0.90	0.08
			E605283	179.40	180.20	0.80	0.01
			E605284	180.20	181.00	0.80	0.04
			E605286	181.00	181.80	0.80	1.56
			E605287	181.80	182.50	0.70	0.82
			E605288	182.50	183.00	0.50	0.63
			E605289	183.00	183.50	0.50	0.52
			E605290	183.50	184.00	0.50	1.19
			E605291	184.00	184.50	0.50	0.57
			E605292	184.50	185.00	0.50	0.52
			E605293	185.00	185.50	0.50	0.28
			E605294	185.50	186.00	0.50	0.29
			E605296	186.00	187.00	1.00	0.08

Hole Number: GB14-004 Units: METRIC

Detailed Lithology

From	To	Lithology
186.50	286.50	ISO, SYENITIC INTRUSIVE DArk reddish brown to purple very hard fine to medium grained syenite. Upper 30m of unit is moderately and pervasively hematite altered and hematite alteration occurs in large patches down unit. Moderate patches of chlorite alteration occur throughout with moderate pervasive silicification and moderate patchy Epidotre alteration. weak carbonate Quartz veinlets are found at variable angles TCA. 0.5-1% very fine grained to fine grained blebby pyrite can be found throughout unit. 199.8-202.9m : VMM: light greenish grey massive mafic volcanic no significant change in veining or sulphides. 260-269m: Syenite appears to be brecciated within this interval with mderate to strong epidote and chlorite alteration between syenite clasts. Clasts ranging in size from 5mm-2cm of hematite altered syenite. 269-272m: Ultramafic unit light green and grey in colour. moderate pervasive chlorite alteration and weak patchy tacl alteration moderate carbonate stringers and no significant change in sulphides. 285.7-286.1M: large quartz vein followed immediately by Carbonate vein from 286.1-286.5m MINOR INTERVALS: Minor Interval: 199.80 - 202.90 VMM, MAFIC VOLCANIC MASSIVE 199.8-202.9m : VMM: light greenish grey massive mafic volcanic no significant change in veining or sulphides. Minor Interval: 269.00 - 272.00 VUO, ULTRAMAFIC VOLCANIC Ultramafic unit light green and grey in colour. moderate pervasive chlorite alteration and weak patchy tacl alteration moderate carbonate stringers and o significant change in sulphides.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605297	187.00	188.00	1.00	0.10
E605298	188.00	189.00	1.00	0.13
E605299	189.00	190.50	1.50	0.18
E605300	190.50	192.00	1.50	0.12
E605301	192.00	193.50	1.50	0.12
E605302	193.50	195.00	1.50	0.04
E605303	195.00	196.50	1.50	0.07
E605304	196.50	198.00	1.50	0.07
E605306	198.00	199.00	1.00	0.07
E605307	199.00	199.80	0.80	0.23
E605308	199.80	201.00	1.20	0.14
E605309	201.00	201.50	0.50	0.04
E605310	201.50	202.90	1.40	0.02
E605311	202.90	204.00	1.10	0.06
E605312	204.00	205.50	1.50	0.11
E605313	205.50	207.00	1.50	0.06
E605314	207.00	208.50	1.50	0.13
E605316	208.50	210.00	1.50	0.12
E605317	210.00	211.50	1.50	0.46
E605318	211.50	213.00	1.50	0.11
E605319	213.00	214.50	1.50	0.04
E605320	214.50	216.00	1.50	0.02
E605321	216.00	217.50	1.50	0.14
E605322	217.50	219.00	1.50	0.11
E605323	219.00	220.30	1.30	0.19
E605324	220.30	221.30	1.00	0.10
E605326	221.30	222.00	0.70	0.17
E605327	222.00	223.50	1.50	0.21
E605328	223.50	225.00	1.50	0.12
E605329	225.00	226.50	1.50	0.46
E605330	226.50	228.00	1.50	0.02
E605331	228.00	229.50	1.50	0.02
E605332	229.50	231.00	1.50	0.04
E605333	231.00	232.50	1.50	0.07
E605334	232.50	234.00	1.50	0.05
E605336	234.00	235.50	1.50	0.04
E605337	235.50	237.00	1.50	0.05
E605338	237.00	238.50	1.50	0.05
E605339	238.50	240.00	1.50	0.06
E605340	240.00	241.50	1.50	0.07
E605341	241.50	243.00	1.50	0.09
E605342	243.00	243.70	0.70	0.14
E605343	243.70	245.00	1.30	0.06

Hole Number: GB14-004

Units: METRIC

Detailed Lithology

From	To	Lithology
286.50	287.90	VUO, ULTRAMAFIC VOLCANIC Ultramafic unit light green and grey in colour. moderate pervasive chlorite alteration and weak patchy tacl alteration moderate carbonate stringers and trace pyrite.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605344	245.00	246.30	1.30	0.07
E605346	246.30	247.50	1.20	0.00
E605347	247.50	248.50	1.00	0.06
E605348	248.50	249.00	0.50	0.08
E605349	249.00	249.50	0.50	0.04
E605350	249.50	250.50	1.00	0.02
E600351	250.50	252.00	1.50	0.03
E600352	252.00	253.50	1.50	0.05
E600353	253.50	254.00	0.50	0.03
E600354	254.00	255.00	1.00	0.10
E600356	255.00	256.50	1.50	0.03
E600357	256.50	258.00	1.50	0.19
E600358	258.00	259.50	1.50	0.12
E600359	259.50	260.00	0.50	0.10
E600360	260.00	261.00	1.00	0.03
E600361	261.00	262.50	1.50	0.02
E600362	262.50	264.00	1.50	0.06
E600363	264.00	265.50	1.50	0.11
E600364	265.50	267.00	1.50	0.10
E600366	267.00	267.50	0.50	0.22
E600367	267.50	268.00	0.50	0.11
E600368	268.00	268.50	0.50	0.04
E600369	268.50	269.00	0.50	0.08
E600370	269.00	270.00	1.00	0.03
E600371	270.00	270.90	0.90	0.08
E600372	270.90	272.00	1.10	0.11
E600373	272.00	273.00	1.00	0.21
E600374	273.00	274.00	1.00	0.39
E600376	274.00	275.00	1.00	0.15
E600377	275.00	276.00	1.00	0.20
E600378	276.00	277.10	1.10	0.46
E600379	277.10	278.00	0.90	0.29
E600380	278.00	279.00	1.00	0.72
E600381	279.00	280.50	1.50	0.33
E600382	280.50	282.00	1.50	0.25
E600383	282.00	283.50	1.50	0.25
E600384	283.50	285.00	1.50	0.17
E600385	285.00	285.70	0.70	0.40
E600387	285.70	286.50	0.80	0.28
E600388	286.50	287.90	1.40	0.05

Hole Number: GB14-004 Units: METRIC

Detailed Lithology

From	To	Lithology	Assay Data				
			Sample Number	From	To	Length	Au_gpt_Final
287.90	317.10	VMM, MAFIC VOLCANIC MASSIVE Dark green with patchy white and red aphanitic to medium graiened nonmagnetic massive mafic volcanic. Moderate pervasive chlorite alteration occurs throughout with moderate patchy hematite alteration along some fractures and veins. weak mm scale carbonate Quartz stringers are found throughout unit at approzimately 45 deg TCA. 0.5% very fine grained fracture filling pyrite can be found locally in unit.	E600389	287.90	289.40	1.50	0.00
			E600390	289.40	290.90	1.50	0.00
317.10	347.10	VMP, VOLCANIC MASSIVE PILLOWED Dark green grey with patchy white and pink nonmagnetic pillowed mafic volcanic. Pillow selvedges occur as mm-4cm scale black selvedges. Moderate pervasive chlorite alteration and weak patchy hematitre alteration occuring along fractures. moderate quartz carb veinlets at approximately 45 deg TCA with a large carb Quartz vein from 323.8-324.1m. 0.5% very fine grained blebby pyrite.					
347.10	350.00	VUO, ULTRAMAFIC VOLCANIC Ultramafic unit dark green and grey in colour. moderate pervasive chlorite alteration and weak patchy talc alteration moderate carbonate stringers and trace pyrite.					
350.00	359.80	VMO, MAFIC VOLCANIC UNDIVIDED Dark green grey mafic volcanic, slightly brecciated at top of unit. moderate pervasive chlorite and weak patchy hematite alteration. Trace sulphides, weak carbonate stringers.					

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605201	40.50	42.00	0.0020
E605202	42.00	42.60	0.0005
E605203	42.60	44.00	0.0005
E605204	44.00	45.00	0.0080
E605205	45.00	46.50	0.0005
E605206	46.50	48.00	0.0005
E605208	48.00	49.00	0.0005
E605209	49.00	50.00	0.0040
E605210	50.00	51.00	0.0005
E605211	51.00	52.00	0.0005
E605212	52.00	52.60	0.0005
E605213	52.60	53.10	0.0020
E605214	53.10	53.90	0.0040
E605216	53.90	55.00	0.0070
E605217	55.00	56.00	0.0040
E605218	56.00	57.00	0.0005
E605219	57.00	58.00	0.0005
E605220	58.00	59.00	0.0005

Hole Number: GB14-004

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605221	59.00	59.80	0.0030
E605222	59.80	60.50	0.0070
E605223	60.50	61.50	0.0010
E605224	61.50	62.50	0.0440
E605226	62.50	63.20	0.0070
E605227	63.20	64.20	0.0005
E605228	104.00	105.00	0.0005
E605229	105.00	106.00	0.0030
E605230	106.00	106.50	0.0040
E605231	106.50	107.10	0.0020
E605232	107.10	108.00	0.0070
E605233	108.00	109.00	0.0010
E605234	109.00	109.90	0.0050
E605236	109.90	110.50	0.0050
E605237	110.50	111.00	0.0010
E605238	111.00	112.00	0.0005
E605239	112.00	113.00	0.0010
E605240	113.00	114.00	0.0160
E605241	123.00	124.00	0.0005
E605242	124.00	125.00	0.0020
E605243	125.00	126.00	0.0030
E605244	126.00	127.00	0.0005
E605245	127.00	127.50	0.0005
E605247	127.50	128.30	0.0005
E605248	128.30	129.00	0.0005
E605249	129.00	130.50	0.0005
E605250	130.50	131.50	0.0005
E605251	131.50	132.00	0.0005
E605252	132.00	133.50	0.0010
E605253	133.50	135.00	0.0010
E605254	141.50	142.00	0.0005
E605256	142.00	143.00	0.0005
E605257	143.00	143.90	0.0005
E605258	143.90	144.40	0.0005
E605259	144.40	145.40	0.0005
E605260	145.40	146.00	0.0005
E605261	146.00	147.00	0.0560
E605262	147.00	148.00	0.0240
E605263	148.00	149.50	0.0020

Hole Number: GB14-004

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605264	149.50	150.40	0.0020
E605266	159.30	160.00	0.0040
E605267	160.00	161.00	0.0130
E605268	161.00	162.00	0.0030
E605269	162.00	163.00	0.0005
E605270	163.00	164.00	0.0005
E605271	164.00	165.00	0.0005
E605272	171.00	171.90	0.0280
E605273	171.90	172.50	0.8420
E605274	172.50	173.00	0.0100
E605276	173.00	174.00	0.0080
E605277	174.00	175.00	0.0280
E605278	175.00	176.00	0.0075
E605279	176.00	177.00	0.0190
E605280	177.00	178.00	0.0080
E605281	178.00	178.50	0.0100
E605282	178.50	179.40	0.0760
E605283	179.40	180.20	0.0060
E605284	180.20	181.00	0.0400
E605286	181.00	181.80	1.5600
E605287	181.80	182.50	0.8150
E605288	182.50	183.00	0.6340
E605289	183.00	183.50	0.5180
E605290	183.50	184.00	1.1900
E605291	184.00	184.50	0.5660
E605292	184.50	185.00	0.5150
E605293	185.00	185.50	0.2800
E605294	185.50	186.00	0.2940
E605296	186.00	187.00	0.0820
E605297	187.00	188.00	0.0950
E605298	188.00	189.00	0.1270
E605299	189.00	190.50	0.1810
E605300	190.50	192.00	0.1230
E605301	192.00	193.50	0.1150
E605302	193.50	195.00	0.0400
E605303	195.00	196.50	0.0650
E605304	196.50	198.00	0.0740
E605306	198.00	199.00	0.0670
E605307	199.00	199.80	0.2300

Hole Number: GB14-004

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605308	199.80	201.00	0.1430
E605309	201.00	201.50	0.0400
E605310	201.50	202.90	0.0170
E605311	202.90	204.00	0.0610
E605312	204.00	205.50	0.1130
E605313	205.50	207.00	0.0610
E605314	207.00	208.50	0.1260
E605316	208.50	210.00	0.1240
E605317	210.00	211.50	0.4640
E605318	211.50	213.00	0.1090
E605319	213.00	214.50	0.0360
E605320	214.50	216.00	0.0150
E605321	216.00	217.50	0.1440
E605322	217.50	219.00	0.1100
E605323	219.00	220.30	0.1860
E605324	220.30	221.30	0.0960
E605326	221.30	222.00	0.1730
E605327	222.00	223.50	0.2130
E605328	223.50	225.00	0.1230
E605329	225.00	226.50	0.4580
E605330	226.50	228.00	0.0220
E605331	228.00	229.50	0.0220
E605332	229.50	231.00	0.0380
E605333	231.00	232.50	0.0710
E605334	232.50	234.00	0.0500
E605336	234.00	235.50	0.0420
E605337	235.50	237.00	0.0470
E605338	237.00	238.50	0.0450
E605339	238.50	240.00	0.0570
E605340	240.00	241.50	0.0730
E605341	241.50	243.00	0.0850
E605342	243.00	243.70	0.1400
E605343	243.70	245.00	0.0630
E605344	245.00	246.30	0.0650
E605346	246.30	247.50	0.0020
E605347	247.50	248.50	0.0620
E605348	248.50	249.00	0.0770
E605349	249.00	249.50	0.0390
E605350	249.50	250.50	0.0230

Hole Number: GB14-004

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E600351	250.50	252.00	0.0260
E600352	252.00	253.50	0.0480
E600353	253.50	254.00	0.0250
E600354	254.00	255.00	0.0960
E600356	255.00	256.50	0.0290
E600357	256.50	258.00	0.1920
E600358	258.00	259.50	0.1160
E600359	259.50	260.00	0.1000
E600360	260.00	261.00	0.0270
E600361	261.00	262.50	0.0180
E600362	262.50	264.00	0.0635
E600363	264.00	265.50	0.1060
E600364	265.50	267.00	0.0950
E600366	267.00	267.50	0.2230
E600367	267.50	268.00	0.1140
E600368	268.00	268.50	0.0410
E600369	268.50	269.00	0.0780
E600370	269.00	270.00	0.0280
E600371	270.00	270.90	0.0770
E600372	270.90	272.00	0.1110
E600373	272.00	273.00	0.2080
E600374	273.00	274.00	0.3870
E600376	274.00	275.00	0.1510
E600377	275.00	276.00	0.2010
E600378	276.00	277.10	0.4640
E600379	277.10	278.00	0.2860
E600380	278.00	279.00	0.7180
E600381	279.00	280.50	0.3300
E600382	280.50	282.00	0.2530
E600383	282.00	283.50	0.2470
E600384	283.50	285.00	0.1700
E600385	285.00	285.70	0.4000
E600387	285.70	286.50	0.2770
E600388	286.50	287.90	0.0450
E600389	287.90	289.40	0.0040
E600390	289.40	290.90	0.0020

GRAPHIC SUMMARY REPORT

0	
HPO	
41.90	
41.90	
VMO	
221.00	
221.00	
ISO	
227.30	
227.30	
VUO	
230.00	
230.00	
VMP	
315.90	
315.90	
VUO	
324.00	

Hole No: GB14-005 Hole Type: Explor Hole Size: NQ

Location: Guibord Township Core Storage: Exploration

Casing: YES Claim No: L26819/L26820

Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 324.00

Azimuth Dec: 205.00 Dip Dec: -53.00

Collar Survey: ☐ Pulse Em Survey: ☐ Multi Shot Survey: ☐

Making Water: ☐ Is Hole Plugged: ☐ Is Cemented: ☐

Contractor: Orbit Garant Start Date: Oct 01, 2014 Completed: Oct 04, 2014

Logged By: cbetts Entered On: Oct 16, 2014

Comments:

Coordinates

Coord Type	Grid Type	NS Dec	EW Dec	Elevation	Destination Grid	NS Dec Calc	EW Dec Calc	Elevation Calc	Comments
P	UTM:NAD83:	5371163.000000	554234.000000	300.0000	UTM:				

DETAILED LOG

Hole Number: GB14-005 Units: METRIC

Project Name:	Guibord	Primary Coordinates	Grid: UTM:NAD83:	Destination Coordinates	Grid: UTM:	Collar Dip:	-53.00
Project Number:		North:	5371163.00	North:		Collar Az:	205.00
Location:	Guibord Township	East:	554234.00	East:		Length:	324.00
		Elev:	300.00	Elev:		Start Depth:	0.00
Date Started:	Oct 01, 2014	Collar Survey:	N Plugged: N	Contractor:	Orbit Garant	Final Depth:	324.00
Date Completed:	Oct 04, 2014	Multishot Survey:	N Hole Size: NQ	Core Storage:	Exploration		
		Pulse EM Survey:	N Casing: YES				

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	204.80	-52.80	EZ Shot	OK	used first test	60.00	204.80	-52.80	EZ Shot	OK	
99.00	210.60	-52.50	EZ Shot	OK		150.00	211.10	-52.80	EZ Shot	OK	
201.00	213.60	-52.30	EZ Shot	OK		249.00	213.50	-52.70	EZ Shot	OK	
300.00	216.00	-52.00	EZ Shot	OK							

Detailed Lithology

From	To	Lithology
0.00	41.90	HPO, OVERBURDEN 41.9m of overburden

Assay Data

Sample Number	From	To	Length	Au_gpt_Final

Hole Number: GB14-005 Units: METRIC

Detailed Lithology

From	To	Lithology
41.90	221.00	VMO, MAFIC VOLCANIC UNDIVIDED Dark green patch red aphanitic to fine grained mafic volcanic with weak to moderate pervasive magnetism. Moderate pervasive chlorite, moderate to strong patchy hematite and weak patchy sericite alterations. weak mm scale Carbonate quartz stringers at variable angles TCA, becoming stockwork veinlets at the lower end of unit. 0.5% very fine grained blebby pyrite can be found throughout unit with sections up too 3%. First 4 m of unit are broken and blocky core. MINOR INTERVALS: Minor Interval: 208.60 - 209.30 ISO, SYENITIC INTRUSIVE 208.6-209.3m: Small section of very stronlgy hematised syenite.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E600391	67.00	67.50	0.50	0.01
E600392	67.50	68.40	0.90	0.01
E600393	68.40	69.40	1.00	0.01
E600394	69.40	69.90	0.50	0.02
E600396	69.90	70.50	0.60	0.00
E600397	70.50	71.00	0.50	0.01
E600398	75.50	76.00	0.50	0.02
E600399	76.00	77.00	1.00	0.01
E600400	77.00	78.00	1.00	0.01
E605351	78.00	79.30	1.30	0.01
E605352	79.30	80.00	0.70	0.00
E605353	80.00	81.00	1.00	0.00
E605354	81.00	82.00	1.00	0.01
E605356	82.00	83.00	1.00	0.01
E605357	83.00	84.00	1.00	0.00
E605358	84.00	85.00	1.00	0.00
E605359	85.00	86.00	1.00	0.00
E605360	86.00	87.00	1.00	0.01
E605361	87.00	88.00	1.00	0.01
E605362	88.00	89.00	1.00	0.00
E605363	114.10	115.50	1.40	0.01
E605364	115.50	116.00	0.50	0.01
E605366	116.00	117.00	1.00	0.01
E605367	117.00	118.00	1.00	0.01
E605368	118.00	119.00	1.00	0.01
E605369	119.00	120.00	1.00	0.01
E605370	148.00	149.00	1.00	0.02
E605371	149.00	150.00	1.00	0.01
E605372	150.00	150.50	0.50	0.00
E605373	150.50	151.50	1.00	0.00
E605374	151.50	152.00	0.50	0.01
E605375	152.00	152.50	0.50	0.02
E605377	152.50	153.00	0.50	0.01
E605378	153.00	154.00	1.00	0.01
E605379	154.00	155.00	1.00	0.01
E605380	155.00	156.00	1.00	0.01
E605381	156.00	157.00	1.00	0.00
E605382	157.00	158.00	1.00	0.00
E605383	158.00	159.00	1.00	0.00
E605384	159.00	160.00	1.00	0.01
E605386	160.00	161.00	1.00	0.00
E605387	161.00	162.00	1.00	0.00
E605388	162.00	162.70	0.70	0.00

Hole Number: GB14-005

Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E605389	179.00	180.00	1.00	0.01
			E605390	180.00	181.00	1.00	0.00
			E605391	181.00	182.00	1.00	0.01
			E605392	182.00	183.00	1.00	0.01
			E605393	183.00	183.90	0.90	0.01
			E605394	183.90	184.40	0.50	0.01
			E605396	184.40	185.00	0.60	0.02
			E605397	185.00	185.50	0.50	0.01
			E605398	185.50	186.00	0.50	0.02
			E605399	186.00	186.50	0.50	0.03
			E605400	186.50	187.20	0.70	0.01
			E605401	187.20	188.00	0.80	0.01
			E605402	188.00	189.00	1.00	0.01
			E605403	189.00	189.70	0.70	0.02
			E605404	189.70	190.80	1.10	0.15
			E605406	190.80	192.00	1.20	0.01
			E605407	192.00	193.50	1.50	0.01
			E605408	193.50	195.00	1.50	0.00
			E605409	195.00	196.50	1.50	0.01
			E605410	196.50	198.00	1.50	0.00
			E605411	198.00	198.90	0.90	0.00
			E605412	198.90	199.50	0.60	0.01
			E605413	199.50	201.00	1.50	0.00
			E605414	201.00	202.50	1.50	0.00
			E605415	202.50	204.00	1.50	0.01
			E605416	204.00	205.50	1.50	0.01
			E605418	205.50	207.00	1.50	0.01
			E605419	207.00	208.00	1.00	0.01
			E605420	208.00	208.60	0.60	0.00
			E605421	208.60	209.30	0.70	0.01
			E605422	209.30	210.00	0.70	0.00
			E605423	210.00	211.00	1.00	0.00
			E605424	211.00	212.00	1.00	0.00
			E605426	212.00	213.00	1.00	0.01
			E605427	213.00	214.00	1.00	0.04
			E605428	214.00	215.00	1.00	0.01
			E605429	215.00	216.00	1.00	0.35
			E605430	216.00	216.60	0.60	0.17
			E605431	216.60	217.60	1.00	0.27
			E605432	217.60	218.30	0.70	0.24
			E605433	218.30	219.00	0.70	0.45
			E605434	219.00	219.60	0.60	0.38
			E605436	219.60	220.50	0.90	0.23

Hole Number: GB14-005 Units: METRIC

Detailed Lithology

From	To	Lithology
221.00	227.30	ISO, SYENITIC INTRUSIVE Dark purple grey non magnetic fine to medium grained instrusive syenite. Moderate to strong pervasive silicification occurs throughout with weak patchy chlorite alteration. mm scale carbonate quartz stringers variable TCA. 0.5-1% very fine grained blebby pyrite can be found throughout. Lower contact is sharp at approximately 60 deg TCA. 222.6-223.1m: VUO, small section of ultramafic with moderate pervasive hlorite ad weak patchy talc alteration. MINOR INTERVALS: Minor Interval: 222.60 - 223.00 VUO, ULTRAMAFIC VOLCANIC Small ultramafic section within syenite.
227.30	230.00	VUO, ULTRAMAFIC VOLCANIC Dark greenish grey weakly magnetic highly faulted and sheared ultramafic volcanic. Following first 60cm of unit is large 20 cm fault gouge followed by highly sheared unit and another 10 cm fault gouge at 229.7m. Unit os moderately and pervasively chlorite alterated with minor weak patchy talc alterations. strong carbonate veinlets occur throughout and help define shear zones. Trace-0.5% very fine grained blebby pyrite. Lower contact is lost within 10-15cm of broken core.
230.00	315.90	VMP, VOLCANIC MASSIVE PILLOWED Dark to light green patchy black and white pillowed mafic volcanic. Pillow selvedges occur as black aphanitic selvedges to visible hyaloclastite textures. Selvedges become more prevalent down unit. Moderate pervasive chlortie alteration weak patchy sericite alteration and weak patchy hematite alteratoon occur throughout unit. weak to moderate carbonate quartz stringers and veinlets occur throughoutwith some 10-30cm Carb/Quartz veins in the lower half of the unit with specular hematite assocuated with a few of these veins. Trace-0.5% very fine rgained blebby pyrite can be foun within fractures. Lower contact is sharp at approximately 50 deg TCA with ultramafic volcanic.
315.90	324.00	VUO, ULTRAMAFIC VOLCANIC Dark greenish grey non magnetic ultramafic volcanic with weak patchy chlorite and weak patchy talc alteration. moderate carbonate quartz veinlets throughout at variable angles TCA. Trace pyrite EOH

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605437	220.50	221.00	0.50	0.19
E605438	221.00	222.00	1.00	0.08
E605439	222.00	222.60	0.60	0.05
E605440	222.60	223.10	0.50	0.06
E605441	223.10	224.00	0.90	0.08
E605442	224.00	225.00	1.00	0.04
E605443	225.00	226.00	1.00	0.08
E605444	226.00	226.60	0.60	0.18
E605446	226.60	227.30	0.70	0.06
E605447	227.30	227.90	0.60	0.05
E605448	227.90	228.40	0.50	0.03
E605449	228.40	229.50	1.10	0.16
E605450	229.50	230.00	0.50	0.02
E605451	230.00	231.00	1.00	0.00
E605452	231.00	232.00	1.00	0.00
E605453	232.00	233.00	1.00	0.00
E605454	233.00	234.00	1.00	0.00
E605456	234.00	235.00	1.00	0.00
E605457	235.00	236.00	1.00	0.00
E605458	236.00	237.00	1.00	0.00

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E600391	67.00	67.50	0.0070
E600392	67.50	68.40	0.0070
E600393	68.40	69.40	0.0060
E600394	69.40	69.90	0.0230
E600396	69.90	70.50	0.0040

Hole Number: GB14-005

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E600397	70.50	71.00	0.0080
E600398	75.50	76.00	0.0160
E600399	76.00	77.00	0.0100
E600400	77.00	78.00	0.0080
E605351	78.00	79.30	0.0080
E605352	79.30	80.00	0.0040
E605353	80.00	81.00	0.0040
E605354	81.00	82.00	0.0060
E605356	82.00	83.00	0.0060
E605357	83.00	84.00	0.0040
E605358	84.00	85.00	0.0040
E605359	85.00	86.00	0.0030
E605360	86.00	87.00	0.0100
E605361	87.00	88.00	0.0060
E605362	88.00	89.00	0.0040
E605363	114.10	115.50	0.0050
E605364	115.50	116.00	0.0060
E605366	116.00	117.00	0.0050
E605367	117.00	118.00	0.0070
E605368	118.00	119.00	0.0070
E605369	119.00	120.00	0.0050
E605370	148.00	149.00	0.0200
E605371	149.00	150.00	0.0050
E605372	150.00	150.50	0.0030
E605373	150.50	151.50	0.0020
E605374	151.50	152.00	0.0050
E605375	152.00	152.50	0.0195
E605377	152.50	153.00	0.0050
E605378	153.00	154.00	0.0110
E605379	154.00	155.00	0.0050
E605380	155.00	156.00	0.0090
E605381	156.00	157.00	0.0040
E605382	157.00	158.00	0.0030
E605383	158.00	159.00	0.0040
E605384	159.00	160.00	0.0060
E605386	160.00	161.00	0.0040
E605387	161.00	162.00	0.0030
E605388	162.00	162.70	0.0030
E605389	179.00	180.00	0.0070

Hole Number: GB14-005

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605390	180.00	181.00	0.0040
E605391	181.00	182.00	0.0075
E605392	182.00	183.00	0.0050
E605393	183.00	183.90	0.0080
E605394	183.90	184.40	0.0090
E605396	184.40	185.00	0.0180
E605397	185.00	185.50	0.0060
E605398	185.50	186.00	0.0160
E605399	186.00	186.50	0.0300
E605400	186.50	187.20	0.0060
E605401	187.20	188.00	0.0050
E605402	188.00	189.00	0.0080
E605403	189.00	189.70	0.0160
E605404	189.70	190.80	0.1450
E605406	190.80	192.00	0.0050
E605407	192.00	193.50	0.0055
E605408	193.50	195.00	0.0040
E605409	195.00	196.50	0.0050
E605410	196.50	198.00	0.0030
E605411	198.00	198.90	0.0030
E605412	198.90	199.50	0.0050
E605413	199.50	201.00	0.0040
E605414	201.00	202.50	0.0040
E605415	202.50	204.00	0.0070
E605416	204.00	205.50	0.0050
E605418	205.50	207.00	0.0080
E605419	207.00	208.00	0.0080
E605420	208.00	208.60	0.0040
E605421	208.60	209.30	0.0050
E605422	209.30	210.00	0.0040
E605423	210.00	211.00	0.0030
E605424	211.00	212.00	0.0040
E605426	212.00	213.00	0.0050
E605427	213.00	214.00	0.0420
E605428	214.00	215.00	0.0050
E605429	215.00	216.00	0.3510
E605430	216.00	216.60	0.1700
E605431	216.60	217.60	0.2740
E605432	217.60	218.30	0.2360

Hole Number: GB14-005 Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605433	218.30	219.00	0.4460
E605434	219.00	219.60	0.3840
E605436	219.60	220.50	0.2310
E605437	220.50	221.00	0.1850
E605438	221.00	222.00	0.0800
E605439	222.00	222.60	0.0540
E605440	222.60	223.10	0.0590
E605441	223.10	224.00	0.0800
E605442	224.00	225.00	0.0410
E605443	225.00	226.00	0.0840
E605444	226.00	226.60	0.1840
E605446	226.60	227.30	0.0620
E605447	227.30	227.90	0.0480
E605448	227.90	228.40	0.0300
E605449	228.40	229.50	0.1640
E605450	229.50	230.00	0.0160
E605451	230.00	231.00	0.0020
E605452	231.00	232.00	0.0020
E605453	232.00	233.00	0.0010
E605454	233.00	234.00	0.0020
E605456	234.00	235.00	0.0020
E605457	235.00	236.00	0.0005
E605458	236.00	237.00	0.0030

GRAPHIC SUMMARY REPORT

	0	
	HPO	
	34.30	
	34.30	
	VMO	
	48.90	
	48.90	
	ISO	
	104.60	
	104.60	
	VMO	
	109.20	
	109.20	
	ISO	
	139.60	
	139.60	
	VMO	
	158.70	
	158.70	
	ISO	
	213.30	
	213.30	
	VUO	
	239.00	
	239.00	
	ISO	
	258.50	
	258.50	
	VUO	
	273.00	
	273.00	
	VMO	
	284.80	
	284.80	
	VUO	
	336.00	

Hole No: GB14-006 Hole Type: Explor Hole Size: NQ

Location: Guibord Township Core Storage: Exploration

Casing: YES Claim No: L26821/L26822

Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 336.00

Azimuth Dec: 211.00 Dip Dec: -53.00

Collar Survey: ☐ Pulse Em Survey: ☐ Multi Shot Survey: ☐

Making Water: ☐ Is Hole Plugged: ☐ Is Cemented: ☐

Contractor: Orbit Garant Start Date: Oct 04, 2014 Completed: Oct 09, 2014

Logged By: cbetts Entered On: Oct 14, 2014

Comments:

Coordinates

Coord Type	Grid Type	NS Dec	EW Dec	Elevation	Destination Grid	NS Dec Calc	EW Dec Calc	Elevation Calc	Comments
P	UTM:NAD83:	5371172.000000	553975.000000	300.0000	UTM:				

DETAILED LOG

Hole Number: GB14-006 Units: METRIC

Project Name:	Guibord	Primary Coordinates	Grid: UTM:NAD83:		Destination Coordinates	Grid: UTM:	Collar Dip: -53.00
Project Number:		North: 5371172.00			North:		Collar Az: 211.00
Location:	Guibord Township	East: 553975.00			East:		Length: 336.00
		Elev: 300.00			Elev:		Start Depth: 0.00
Date Started:	Oct 04, 2014	Collar Survey: N	Plugged: N		Contractor:	Orbit Garant	Final Depth: 336.00
Date Completed:	Oct 09, 2014	Multishot Survey: N	Hole Size: NQ		Core Storage:	Exploration	
		Pulse EM Survey: N	Casing: YES				

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	211.30	-52.60	EZ Shot	OK	used first test	54.00	211.30	-52.60	EZ Shot	OK	
99.00	212.20	-52.50	EZ Shot	OK		150.00	213.50	-52.40	EZ Shot	OK	
201.00	216.10	-52.50	EZ Shot	OK		249.00	216.10	-52.30	EZ Shot	OK	
300.00	215.30	-52.60	EZ Shot	OK		336.00	218.50	-52.40	EZ Shot	OK	

Detailed Lithology

From	To	Lithology
0.00	34.30	HPO, OVERBURDEN Overburden
34.30	48.90	VMO, MAFIC VOLCANIC UNDIVIDED Dark green patchy red mafic volcanic, moderately magnetic. Moderate pervasive Chlorite alteration with patchy strong hematite alteration. WEak carbonate stringers at varuable angles TCAS are found throughout. Trace to 0.5% very fine rgained blebby pyrite.
48.90	104.60	ISO, SYENITIC INTRUSIVE Reddish brown syenite with light green patches. Syenite has moderate pervasive hematite alteration with patchy epidote and sericite alterations. Weak carbonate veinlets and stringers occur throughout at variable angles TCA. 0.5% very fine grained blebby pyrite can be fouind locally within this unit.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605459	36.00	37.50	1.50	0.00
E605460	37.50	39.00	1.50	0.01
E605461	39.00	40.10	1.10	0.00
E605462	40.10	40.60	0.50	0.00
E605463	40.60	42.00	1.40	0.00
E605464	42.00	43.50	1.50	0.01
E605466	43.50	45.00	1.50	0.01
E605467	45.00	46.50	1.50	0.00
E605468	46.50	48.00	1.50	0.00
E605469	48.00	49.50	1.50	0.02
E605470	49.50	51.00	1.50	0.01
E605471	51.00	51.90	0.90	0.04
E605472	97.50	99.00	1.50	0.00
E605473	99.00	100.50	1.50	0.01
E605474	100.50	102.00	1.50	0.00
E605476	102.00	103.50	1.50	0.00
E605477	103.50	104.60	1.10	0.00

Hole Number: GB14-006 Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
104.60	109.20	VMO, MAFIC VOLCANIC UNDIVIDED Dark grey patchy red and white mafic volcanic with moderate patchy magnetism. Moderate pervasive chlorite and moderate patches of Hematite alteration. Weal carbonate stringers with a few small carbonate quartz veinlets throughout at variable angles TCA. 2-3% disseminated to very fine grained blebby pyrite can be found within this unit in small clusters around bleached veins. Some minor fracture controlled and fracture filling sulphides occur as well.	E605478	104.60	106.00	1.40	0.00
			E605479	106.00	107.00	1.00	0.03
			E605480	107.00	108.00	1.00	0.03
			E605481	108.00	108.60	0.60	0.01
			E605482	108.60	109.20	0.60	0.01
109.20	139.60	ISO, SYENITIC INTRUSIVE Reddish brown syenite with dark green patches. Syenite has moderate pervasive hematite alteration with moderate patchy chlorite and patchy epidote and sericite alterations. Weak carbonate veinlets and stringers occur throughout at variable angles TCA. 0.5% very fine grained blebby pyrite can be found locally within this unit. Lower contact is sharp at 45 deg TCA.	E605483	109.20	110.00	0.80	0.00
			E605484	110.00	111.00	1.00	0.01
			E605485	111.00	112.50	1.50	0.02
			E605487	112.50	114.00	1.50	0.00
			E605488	114.00	115.50	1.50	0.00
			E605489	115.50	117.00	1.50	0.00
			E605490	135.00	136.00	1.00	0.01
			E605491	136.00	137.00	1.00	0.03
			E605492	137.00	138.00	1.00	0.01
			E605493	138.00	139.00	1.00	0.01
			E605494	139.00	139.60	0.60	0.39

Hole Number: GB14-006

Units: METRIC

Detailed Lithology

From	To	Lithology
139.60	158.70	VMO, MAFIC VOLCANIC UNDIVIDED Dark grey patchy white and red mafic vocanic with weak to moderate magnetism. Unit is moderately and pervasively chlorite altered with patches of strong hematite alteration in small syenite patches. Unit is also moderately and pervasively silicified. Weak to moderate Carbonate stringers and veinlets. 1-2% disseminated to very fine grained blebby pyrite throughout with sections up to 4-5% disseminaetd to very fine grained blebby pyrite. Lower contact is gradational over 20-30cm as syenite starts to take over as main lithology. From 144.8-145.3m and 148-148.2m: small sections of brecciation. brecciated clasts angular and 2mm-2cm scale surrounded by Carb 'veining

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E605496	139.60	140.10	0.50	0.13
E605497	140.10	141.00	0.90	0.03
E605498	141.00	141.50	0.50	0.09
E605499	141.50	142.30	0.80	0.00
E605500	142.30	143.30	1.00	0.00
E602601	143.30	143.80	0.50	0.00
E602602	143.80	144.30	0.50	0.00
E602603	144.30	144.80	0.50	0.52
E602604	144.80	145.30	0.50	0.07
E602606	145.30	146.00	0.70	0.03
E602607	146.00	146.70	0.70	0.07
E602608	146.70	147.20	0.50	0.04
E602609	147.20	148.00	0.80	0.01
E602610	148.00	148.60	0.60	0.03
E602611	148.60	149.30	0.70	0.01
E602612	149.30	150.00	0.70	0.01
E602613	150.00	150.60	0.60	0.02
E602614	150.60	151.10	0.50	0.24
E602616	151.10	151.60	0.50	0.09
E602617	151.60	152.10	0.50	0.04
E602618	152.10	153.00	0.90	0.01
E602619	153.00	154.00	1.00	0.00
E602620	154.00	155.00	1.00	0.01
E602621	155.00	156.00	1.00	0.04
E602622	156.00	157.00	1.00	0.01
E602623	157.00	158.00	1.00	0.01
E602624	158.00	158.70	0.70	1.26

Hole Number: GB14-006

Units: METRIC

Detailed Lithology

From	To	Lithology
158.70	213.30	ISO, SYENITIC INTRUSIVE Reddish brown syenite with dark green patches. Syenite has moderate pervasive hematite alteration with moderate patchy chlorite and patchy epidote and sericite alterations. Weak carbonate veinlets and stringers occur throughout at variable angles TCA. 0.5% very fine grained blebby pyrite can be found locally within this unit. 162.6-164.8m: Dark greyish green mafic intrusive, weak pervasive chlorite altered, no significant veining trace sulphides. MINOR INTERVALS: Minor Interval: 162.60 - 164.80 IMO, MAFIC INTUSIVE Dark greyish green mafic intrusive, WEak pervasive chlorite altered, no significant veining trace sulphides.

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E602626	158.70	159.50	0.80	1.58
E602627	159.50	160.00	0.50	0.38
E602628	160.00	161.00	1.00	0.20
E602629	161.00	162.00	1.00	0.08
E602630	162.00	162.60	0.60	0.23
E602631	162.60	163.60	1.00	0.02
E602632	163.60	164.80	1.20	0.04
E602633	164.80	166.00	1.20	0.19
E602634	166.00	166.50	0.50	0.06
E602636	166.50	167.50	1.00	0.11
E602637	167.50	169.00	1.50	0.06
E602638	169.00	170.00	1.00	0.07
E602639	170.00	171.00	1.00	0.06
E602640	171.00	172.50	1.50	0.07
E602641	172.50	174.00	1.50	0.05
E602642	174.00	175.50	1.50	0.06
E602643	175.50	177.00	1.50	0.04
E602644	177.00	178.50	1.50	0.03
E602646	178.50	180.00	1.50	0.05
E602647	180.00	180.50	0.50	0.12
E602648	180.50	181.50	1.00	0.08
E602649	181.50	183.00	1.50	0.09
E602650	183.00	183.60	0.60	0.06
E602651	183.60	184.60	1.00	0.17
E602652	184.60	185.50	0.90	0.08
E602653	185.50	187.00	1.50	0.05
E602654	187.00	188.50	1.50	0.17
E602656	188.50	189.00	0.50	0.14
E602657	189.00	190.50	1.50	0.07
E602658	190.50	192.00	1.50	0.08
E602659	192.00	193.50	1.50	0.11
E602660	193.50	195.00	1.50	0.07
E602661	195.00	196.50	1.50	0.20
E602662	196.50	198.00	1.50	0.12
E602663	198.00	199.50	1.50	0.14
E602664	199.50	201.00	1.50	0.05
E602665	201.00	202.50	1.50	0.17
E602666	202.50	204.00	1.50	0.07
E602667	204.00	205.50	1.50	1.40
E602668	205.50	207.00	1.50	6.25
E602669	207.00	208.50	1.50	0.90
E602670	208.50	210.00	1.50	0.35
E602671	210.00	211.50	1.50	0.13

Hole Number: GB14-006 Units: METRIC

Detailed Lithology			Assay Data				
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E602672	211.50	212.10	0.60	0.06
			E602673	212.10	213.00	0.90	0.07
			E602674	213.00	214.00	1.00	0.03
213.30	239.00	VUO, ULTRAMAFIC VOLCANIC Ultramafic volcanic. Start of unit is light green with patchy red to pink sections and is slightly brecciated. The bottom 2/3 of the unit is dark grey with patchy white sections. some brecciation occurs around large faulted area. Weak pervasive Carbonate altering occurs in the light sections where the darker sections are moderately chloritsed and talc altered. Moderate Quartz Carbonate veinlets occur throughout with Carbonate Quartz stringers. 0.5-2% 10-15cm patches of disseminated pyrite and some very fine grained blebby pyrite. 234.5-235.5m: Faulted section and slightly sheared. Last 30 cm of section is moderately faulted and brecciated with minor gouge.	E602675	214.00	214.50	0.50	0.02
			E602677	214.50	215.00	0.50	0.01
			E602678	215.00	215.50	0.50	0.01
			E602679	215.50	216.00	0.50	0.01
			E602680	216.00	216.50	0.50	0.05
			E602681	216.50	217.00	0.50	0.07
			E602682	217.00	217.50	0.50	0.01
			E602683	217.50	219.00	1.50	0.02
			E602684	219.00	220.00	1.00	0.20
			E602686	220.00	220.50	0.50	0.17
			E602687	220.50	221.00	0.50	0.07
			E602689	221.00	221.50	0.50	0.08
			E602690	221.50	222.00	0.50	0.05
			E602691	222.00	223.30	1.30	0.12
			E602692	223.30	224.10	0.80	0.01
			E602693	224.10	225.00	0.90	0.07
			E602694	225.00	226.50	1.50	0.04
			E602696	226.50	228.00	1.50	0.00
			E602697	234.00	235.10	1.10	0.02
			E602698	235.10	235.60	0.50	1.53
			E602699	235.60	236.60	1.00	0.12
			E602700	236.60	237.50	0.90	0.05
			E602701	237.50	239.00	1.50	0.04
239.00	258.50	ISO, SYENITIC INTRUSIVE DArk reddsih brown very fine to fine grained syenite. Strong pervasive hematite, moderate patchy sericite and weak patchy chlorite alteration. Weak 0.5-1cm Carbonate quartz veinlets at ~50 deg TCA. 0.5% very fine grained blebby pyrite with small sections up to 1-2% disseminated pyrite. Lower contact is sharp at ~ 45 deg TCA.	E602702	239.00	240.00	1.00	0.21
			E602703	240.00	240.50	0.50	0.61
			E602704	240.50	241.50	1.00	0.13
			E602706	241.50	243.00	1.50	0.12
			E602707	243.00	244.50	1.50	0.05
			E602708	244.50	246.00	1.50	0.14
			E602709	246.00	247.50	1.50	0.13
			E602710	247.50	249.00	1.50	0.18
			E602711	249.00	250.50	1.50	0.12
			E602712	250.50	252.00	1.50	0.02
			E602713	252.00	253.50	1.50	0.07
			E602714	253.50	255.00	1.50	0.03
			E602716	255.00	256.50	1.50	0.06
			E602717	256.50	258.00	1.50	0.07
			E602718	258.00	258.50	0.50	1.09

Hole Number: GB14-006

Units: METRIC

Detailed Lithology

From	To	Lithology
258.50	273.00	VUO, ULTRAMAFIC VOLCANIC Dark greenish grey non magnetic ultramafic volcanic with weak patchy chlorite and weak patchy talc alteration. moderate carbonate quartz veinlets throughout at variable angles TCA. Trace pyrite
273.00	284.80	VMO, MAFIC VOLCANIC UNDIVIDED Light green mafic. Unit is moderately hard and non magnetic with moderate pervasive chlorite alteration and weak patchy sericite alteration. Moderate Carbonate stockwork veins can be found throughout. 0.5% very fin egrained blebby pyrite.
284.80	336.00	VUO, ULTRAMAFIC VOLCANIC As VUO (ultramafic volcanic) above from 273-284.8m:

Assay Data

Sample Number	From	To	Length	Au_gpt_Final
E602719	258.50	260.00	1.50	0.33
E602720	260.00	261.00	1.00	0.03
E602721	261.00	262.50	1.50	0.02

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605459	36.00	37.50	0.0035
E605460	37.50	39.00	0.0110
E605461	39.00	40.10	0.0005
E605462	40.10	40.60	0.0020
E605463	40.60	42.00	0.0020
E605464	42.00	43.50	0.0060
E605466	43.50	45.00	0.0070
E605467	45.00	46.50	0.0020
E605468	46.50	48.00	0.0005
E605469	48.00	49.50	0.0210
E605470	49.50	51.00	0.0070
E605471	51.00	51.90	0.0410
E605472	97.50	99.00	0.0005
E605473	99.00	100.50	0.0050
E605474	100.50	102.00	0.0020
E605476	102.00	103.50	0.0005
E605477	103.50	104.60	0.0005
E605478	104.60	106.00	0.0040
E605479	106.00	107.00	0.0330
E605480	107.00	108.00	0.0270
E605481	108.00	108.60	0.0060
E605482	108.60	109.20	0.0070
E605483	109.20	110.00	0.0005
E605484	110.00	111.00	0.0070
E605485	111.00	112.50	0.0160
E605487	112.50	114.00	0.0005

Hole Number: GB14-006

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E605488	114.00	115.50	0.0005
E605489	115.50	117.00	0.0005
E605490	135.00	136.00	0.0140
E605491	136.00	137.00	0.0320
E605492	137.00	138.00	0.0090
E605493	138.00	139.00	0.0060
E605494	139.00	139.60	0.3920
E605496	139.60	140.10	0.1290
E605497	140.10	141.00	0.0250
E605498	141.00	141.50	0.0870
E605499	141.50	142.30	0.0040
E605500	142.30	143.30	0.0005
E602601	143.30	143.80	0.0020
E602602	143.80	144.30	0.0040
E602603	144.30	144.80	0.5210
E602604	144.80	145.30	0.0720
E602606	145.30	146.00	0.0310
E602607	146.00	146.70	0.0730
E602608	146.70	147.20	0.0400
E602609	147.20	148.00	0.0050
E602610	148.00	148.60	0.0310
E602611	148.60	149.30	0.0090
E602612	149.30	150.00	0.0090
E602613	150.00	150.60	0.0160
E602614	150.60	151.10	0.2420
E602616	151.10	151.60	0.0860
E602617	151.60	152.10	0.0360
E602618	152.10	153.00	0.0140
E602619	153.00	154.00	0.0040
E602620	154.00	155.00	0.0080
E602621	155.00	156.00	0.0430
E602622	156.00	157.00	0.0080
E602623	157.00	158.00	0.0130
E602624	158.00	158.70	1.2600
E602626	158.70	159.50	1.5800
E602627	159.50	160.00	0.3780
E602628	160.00	161.00	0.2020
E602629	161.00	162.00	0.0840
E602630	162.00	162.60	0.2340

Hole Number: GB14-006

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E602631	162.60	163.60	0.0220
E602632	163.60	164.80	0.0370
E602633	164.80	166.00	0.1920
E602634	166.00	166.50	0.0610
E602636	166.50	167.50	0.1070
E602637	167.50	169.00	0.0590
E602638	169.00	170.00	0.0700
E602639	170.00	171.00	0.0620
E602640	171.00	172.50	0.0710
E602641	172.50	174.00	0.0460
E602642	174.00	175.50	0.0630
E602643	175.50	177.00	0.0430
E602644	177.00	178.50	0.0270
E602646	178.50	180.00	0.0470
E602647	180.00	180.50	0.1240
E602648	180.50	181.50	0.0810
E602649	181.50	183.00	0.0890
E602650	183.00	183.60	0.0570
E602651	183.60	184.60	0.1680
E602652	184.60	185.50	0.0790
E602653	185.50	187.00	0.0510
E602654	187.00	188.50	0.1650
E602656	188.50	189.00	0.1420
E602657	189.00	190.50	0.0680
E602658	190.50	192.00	0.0820
E602659	192.00	193.50	0.1090
E602660	193.50	195.00	0.0650
E602661	195.00	196.50	0.1950
E602662	196.50	198.00	0.1150
E602663	198.00	199.50	0.1430
E602664	199.50	201.00	0.0530
E602665	201.00	202.50	0.1710
E602666	202.50	204.00	0.0670
E602667	204.00	205.50	1.4000
E602668	205.50	207.00	6.2500
E602669	207.00	208.50	0.9000
E602670	208.50	210.00	0.3520
E602671	210.00	211.50	0.1320
E602672	211.50	212.10	0.0590

Hole Number: GB14-006

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E602673	212.10	213.00	0.0700
E602674	213.00	214.00	0.0260
E602675	214.00	214.50	0.0240
E602677	214.50	215.00	0.0140
E602678	215.00	215.50	0.0070
E602679	215.50	216.00	0.0080
E602680	216.00	216.50	0.0460
E602681	216.50	217.00	0.0670
E602682	217.00	217.50	0.0140
E602683	217.50	219.00	0.0200
E602684	219.00	220.00	0.1960
E602686	220.00	220.50	0.1670
E602687	220.50	221.00	0.0700
E602689	221.00	221.50	0.0750
E602690	221.50	222.00	0.0520
E602691	222.00	223.30	0.1160
E602692	223.30	224.10	0.0090
E602693	224.10	225.00	0.0700
E602694	225.00	226.50	0.0380
E602696	226.50	228.00	0.0020
E602697	234.00	235.10	0.0220
E602698	235.10	235.60	1.5300
E602699	235.60	236.60	0.1150
E602700	236.60	237.50	0.0520
E602701	237.50	239.00	0.0440
E602702	239.00	240.00	0.2120
E602703	240.00	240.50	0.6120
E602704	240.50	241.50	0.1320
E602706	241.50	243.00	0.1150
E602707	243.00	244.50	0.0510
E602708	244.50	246.00	0.1390
E602709	246.00	247.50	0.1300
E602710	247.50	249.00	0.1830
E602711	249.00	250.50	0.1200
E602712	250.50	252.00	0.0160
E602713	252.00	253.50	0.0730
E602714	253.50	255.00	0.0270
E602716	255.00	256.50	0.0640
E602717	256.50	258.00	0.0720

Hole Number: GB14-006

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E602718	258.00	258.50	1.0900
E602719	258.50	260.00	0.3340
E602720	260.00	261.00	0.0340
E602721	261.00	262.50	0.0160

Appendix 2

Assay Certificates

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
(705) 567-4862

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U901399

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 24, 2014

PAGES (INCLUDING COVER): 7

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 14U901399

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 14, 2014 | DATE RECEIVED: Oct 10, 2014 | DATE REPORTED: Oct 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E604844 (5931547)	3.62	0.003
E604845 (5931548)	0.64	0.002
E604846 (5931549)	3.48	0.013
E604847 (5931550)	3.60	0.002
E604848 (5931551)	3.42	0.004
E604849 (5931552)	2.62	0.002
E604850 (5931553)	2.06	0.010
E604851 (5931554)	2.04	0.013
E604852 (5931555)	3.20	0.009
E604853 (5931556)	3.16	0.006
E604854 (5931557)	3.14	0.003
E604855 (5931558)	0.10	0.871
E604856 (5931559)	2.90	0.012
E604857 (5931560)	2.92	0.005
E604858 (5931561)	3.10	0.015
E604859 (5931562)	3.10	0.011
E604860 (5931563)	3.10	0.010
E604861 (5931564)	2.94	0.004
E604862 (5931565)	3.16	0.008
E604863 (5931566)	3.02	0.006
E604864 (5931567)	2.86	0.007
E604865 (5931568)	0.98	0.003
E604866 (5931569)	3.50	0.010
E604867 (5931570)	2.94	0.013
E604868 (5931571)	2.82	0.008
E604869 (5931572)	3.20	0.013
E604870 (5931573)	3.00	0.013
E604871 (5931574)	2.92	0.007
E604872 (5931575)	3.04	0.012
E604873 (5931576)	2.98	0.013
E604874 (5931577)	3.06	0.015

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 14U901399

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 14, 2014 | DATE RECEIVED: Oct 10, 2014 | DATE REPORTED: Oct 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E604875 (5931578)	0.08	0.492
E604876 (5931579)	3.12	0.020
E604877 (5931580)	3.04	0.007
E604878 (5931581)	3.58	0.006
E604879 (5931582)	1.34	0.012
E604880 (5931583)	1.56	0.040
E604881 (5931584)	3.00	0.003
E604882 (5931585)	3.14	0.005
E604883 (5931586)	3.36	0.002
E604884 (5931587)	2.92	0.003
E604885 (5931588)	1.08	0.001
E604886 (5931589)	2.94	0.005
E604887 (5931590)	2.92	0.005
E604888 (5931591)	2.98	0.002
E604889 (5931592)	0.84	0.007
E604890 (5931593)	1.98	0.037
E604891 (5931594)	1.18	0.015
E604892 (5931595)	1.32	0.001
E604893 (5931596)	1.84	0.004
E604894 (5931597)	1.34	0.005
E604895 (5931598)	0.10	0.485
E604896 (5931599)	1.04	0.014
E604897 (5931600)	2.10	0.005
E604898 (5931601)	3.26	0.016
E604899 (5931602)	3.22	0.019
E604900 (5931603)	1.38	0.005
E604901 (5931604)	1.42	0.003
E604902 (5931605)	1.16	0.007
E604903 (5931606)	2.70	0.002
E604904 (5931607)	3.06	0.006
E604905 (5931609)	0.92	<0.001

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Certificate of Analysis

AGAT WORK ORDER: 14U901399

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 14, 2014 | DATE RECEIVED: Oct 10, 2014 | DATE REPORTED: Oct 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E604906 (5931610)	1.38	0.004
E604907 (5931611)	3.58	0.001
E604908 (5931612)	1.74	0.004

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U901399

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	E604844	0.003	0.003	0.0%	E604869	0.0128	0.0145	12.5%	E604894	0.005	0.009					

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U901399

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.1P5K)				CRM #2 (ref.1P5K)				CRM #3 (ref.GSP7J)				CRM #4 (ref.GS6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.46	102%	90% - 110%	1.44	1.36	95%	90% - 110%	0.722	0.668	92%	90% - 110%	6.09	5.66	93%	90% - 110%

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Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U901399

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

AGAT Laboratories

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http://www.agatlabs.com

CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
(705) 567-4862

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U901400

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 24, 2014

PAGES (INCLUDING COVER): 8

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*NOTES

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Certificate of Analysis

AGAT WORK ORDER: 14U901400

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 14, 2014 | DATE RECEIVED: Oct 10, 2014 | DATE REPORTED: Oct 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E604909 (5931627)	1.36	0.063
E604910 (5931628)	2.50	0.058
E604911 (5931629)	3.30	0.057
E604912 (5931630)	1.12	0.102
E604913 (5931631)	2.82	0.082
E604914 (5931632)	0.96	0.124
E604915 (5931633)	2.24	0.090
E604916 (5931634)	1.28	0.001
E604917 (5931635)	1.92	0.022
E604918 (5931636)	3.20	0.030
E604919 (5931637)	3.04	0.047
E604920 (5931638)	2.84	0.096
E604921 (5931639)	1.32	0.045
E604922 (5931640)	2.08	0.017
E604923 (5931641)	3.18	0.020
E604924 (5931642)	3.08	0.065
E604925 (5931643)	3.30	0.016
E604926 (5931644)	0.10	0.491
E604927 (5931645)	3.08	0.049
E604928 (5931646)	3.04	0.001
E604929 (5931647)	1.76	0.004
E604930 (5931648)	1.60	0.043
E604931 (5931649)	3.18	0.019
E604932 (5931650)	3.10	0.029
E604933 (5931651)	2.66	0.050
E604934 (5931652)	2.60	0.027
E604935 (5931653)	1.02	0.002
E604936 (5931654)	2.14	0.102
E604937 (5931655)	2.00	0.165
E604938 (5931656)	2.96	0.070
E604939 (5931657)	3.08	0.033

Certified By: Y. chan.

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Certificate of Analysis

AGAT WORK ORDER: 14U901400

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 14, 2014 | DATE RECEIVED: Oct 10, 2014 | DATE REPORTED: Oct 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E604940 (5931658)	3.00	0.068
E604941 (5931659)	2.76	0.074
E604942 (5931660)	0.86	0.032
E604943 (5931661)	2.28	0.052
E604944 (5931662)	3.04	0.067
E604945 (5931663)	0.10	0.876
E604946 (5931664)	3.10	0.095
E604947 (5931665)	1.54	0.062
E604948 (5931666)	1.28	0.056
E604949 (5931667)	1.52	0.048
E604950 (5931668)	2.42	0.035
E604951 (5931669)	3.42	0.120
E604952 (5931670)	2.00	0.023
E604953 (5931671)	1.14	0.020
E604954 (5931672)	2.70	0.041
E604955 (5931673)	1.44	<0.001
E604956 (5931674)	1.40	0.038
E604957 (5931675)	3.16	0.025
E604958 (5931676)	2.96	0.049
E604959 (5931677)	2.18	0.015
E604960 (5931678)	1.76	0.008
E604961 (5931679)	3.24	0.011
E604962 (5931680)	1.30	0.017
E604963 (5931681)	1.82	0.027
E604964 (5931682)	3.56	0.027
E604965 (5931683)	0.10	0.867
E604966 (5931684)	1.40	0.095
E604967 (5931685)	2.52	0.152
E604968 (5931686)	2.50	0.044
E604969 (5931687)	1.78	0.028
E604970 (5931688)	3.44	0.007

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Certificate of Analysis

AGAT WORK ORDER: 14U901400

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 14, 2014 | DATE RECEIVED: Oct 10, 2014 | DATE REPORTED: Oct 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E604971 (5931689)	3.30	0.041
E604972 (5931690)	3.52	0.148
E604973 (5931691)	3.46	0.028
E604974 (5931692)	3.70	0.027
E604975 (5931693)	1.46	<0.001
E604976 (5931694)	1.58	0.225
E604977 (5931695)	2.18	0.150
E604978 (5931696)	3.54	0.076
E604979 (5931697)	3.74	0.314
E604980 (5931698)	3.38	0.964
E604981 (5931699)	2.02	0.739
E604982 (5931700)	2.24	0.102
E604983 (5931701)	1.40	0.056
E604984 (5931702)	3.54	0.236
E604985 (5931703)	0.10	1.02
E604986 (5931704)	1.24	0.191
E604987 (5931705)	2.12	0.004
E604988 (5931706)	1.62	0.003
E604989 (5931707)	1.88	0.109
E604990 (5931708)	3.54	0.091
E604991 (5931709)	1.64	0.165
E604992 (5931710)	1.04	0.007
E604993 (5931711)	1.22	0.014
E604994 (5931712)	1.10	0.026
E604995 (5931713)	1.44	0.002
E604996 (5931714)	1.68	0.009
E604997 (5931715)	1.26	0.024
E604998 (5931716)	1.30	0.027
E604999 (5931717)	3.14	0.038
E605000 (5931718)	2.98	0.121
E605001 (5931719)	1.88	0.051

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 14U901400

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 14, 2014 | DATE RECEIVED: Oct 10, 2014 | DATE REPORTED: Oct 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605002 (5931720)	1.86	0.031
E605003 (5931721)	2.56	0.004
E605004 (5931722)	2.20	0.039
E605005 (5931723)	1.08	0.002
E605006 (5931724)	1.30	0.024
E605007 (5931725)	1.96	0.040

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U901400

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E604959	0.015	0.015	0.0%	E604984	0.236	0.284	18.5%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U901400

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.GS6D)				CRM #2 (ref.1P5K)				CRM #3 (ref.GS6D)				CRM #4 (ref.GSP7J)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.09	6.33	104%	90% - 110%	1.44	1.49	103%	90% - 110%	6.09	6.12	101%	90% - 110%	0.722	0.734	102%	90% - 110%

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Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U901400

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
(705) 567-4862

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U894788

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Oct 09, 2014

PAGES (INCLUDING COVER): 6

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*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U894788

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 29, 2014 | DATE RECEIVED: Sep 26, 2014 | DATE REPORTED: Oct 09, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605018 (5863474)	1.80	0.768
E605019 (5863475)	2.60	0.122
E605020 (5863476)	1.00	0.013
E605021 (5863477)	2.26	0.012
E605022 (5863478)	2.10	0.121
E605023 (5863479)	1.50	0.063
E605024 (5863480)	2.40	0.034
E605025 (5863481)	0.10	0.925
E605026 (5863482)	1.04	0.035
E605027 (5863483)	1.40	0.348
E605028 (5863484)	1.14	0.237
E605029 (5863485)	1.88	0.249
E605030 (5863486)	1.74	0.077
E605031 (5863487)	3.02	0.033
E605050 (5863488)	2.36	0.093
E605051 (5863489)	0.98	0.137
E605052 (5863490)	1.10	0.560
E605053 (5863491)	1.30	0.238
E605054 (5863492)	1.10	0.030
E605055 (5863493)	0.96	0.006
E605056 (5863494)	1.30	0.372
E605057 (5863495)	2.18	0.406
E605058 (5863496)	3.28	0.011
E605059 (5863497)	2.56	0.007
E605060 (5863498)	2.96	0.004
E605061 (5863499)	1.12	0.008
E605062 (5863500)	2.36	0.006
E605063 (5863501)	1.94	0.007
E605064 (5863502)	1.30	0.022
E605065 (5863503)	0.08	0.534
E605066 (5863504)	2.26	0.007

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Certificate of Analysis

AGAT WORK ORDER: 14U894788

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 29, 2014 | DATE RECEIVED: Sep 26, 2014 | DATE REPORTED: Oct 09, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605067 (5863505)	2.34	0.006

Comments: RDL - Reported Detection Limit

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U894788

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	5863474	0.768	0.533		5863493	0.006	0.004									

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U894788

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.GSP7J)				CRM #2 (ref.1P5K)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	0.722	0.756	105%	90% - 110%	1.44	1.45	101%	90% - 110%								

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Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U894788

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
(705) 567-4862

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U904723

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Nov 13, 2014

PAGES (INCLUDING COVER): 10

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*NOTES

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Certificate of Analysis

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 21, 2014 | DATE RECEIVED: Oct 20, 2014 | DATE REPORTED: Nov 13, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605008 (5967010)	1.40	0.004
E605009 (5967011)	2.30	0.015
E605010 (5967012)	2.30	0.101
E605011 (5967013)	1.82	0.058
E605012 (5967014)	1.70	0.111
E605013 (5967015)	1.38	0.006
E605014 (5967016)	3.08	0.006
E605015 (5967017)	0.90	<0.001
E605016 (5967018)	3.10	0.012
E605017 (5967019)	3.44	0.009
E605032 (5967020)	3.24	0.021
E605033 (5967021)	3.32	0.020
E605034 (5967022)	3.48	0.022
E605035 (5967023)	0.62	<0.001
E605036 (5967024)	3.08	0.034
E605037 (5967025)	3.52	0.005
E605038 (5967026)	3.02	0.018
E605039 (5967027)	3.30	0.061
E605040 (5967028)	3.20	0.045
E605041 (5967029)	2.98	0.097
E605042 (5967030)	3.04	0.062
E605043 (5967031)	3.36	0.015
E605044 (5967032)	3.44	0.019
E605045 (5967033)	0.10	0.530
E605046 (5967034)	3.48	0.035
E605047 (5967035)	3.36	0.132
E605048 (5967036)	3.24	0.024
E605049 (5967037)	3.34	0.068
E605068 (5967038)	2.54	0.003
E605069 (5967039)	2.54	0.007
E605070 (5967040)	2.54	0.230

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Certificate of Analysis

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 21, 2014 | DATE RECEIVED: Oct 20, 2014 | DATE REPORTED: Nov 13, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605071 (5967041)	2.54	0.406
E605072 (5967042)	2.10	0.012
E605073 (5967043)	1.74	0.051
E605074 (5967045)	2.14	0.113
E605075 (5967046)	1.10	<0.001
E605076 (5967047)	1.72	0.027
E605077 (5967048)	3.42	0.068
E605078 (5967049)	3.54	0.266
E605079 (5967050)	2.64	0.076
E605080 (5967051)	2.72	0.081
E605081 (5967052)	2.34	0.076
E605082 (5967053)	2.36	0.013
E605083 (5967054)	3.60	0.558
E605084 (5967055)	2.32	1.07
E605085 (5967056)	0.08	0.515
E605086 (5967057)	1.20	2.45
E605087 (5967058)	2.12	0.190
E605088 (5967059)	2.14	0.089
E605089 (5967060)	2.10	0.021
E605090 (5967061)	2.00	0.035
E605091 (5967062)	1.50	0.164
E605092 (5967063)	1.40	0.289
E605093 (5967064)	2.50	0.022
E605094 (5967065)	2.32	0.163
E605095 (5967066)	1.60	<0.001
E605096 (5967067)	3.72	2.46
E605097 (5967068)	1.52	0.854
E605098 (5967069)	2.52	0.067
E605099 (5967070)	2.08	0.321
E605100 (5967071)	1.80	0.025
E605101 (5967072)	2.30	0.215

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Certificate of Analysis

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 21, 2014 | DATE RECEIVED: Oct 20, 2014 | DATE REPORTED: Nov 13, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605102 (5967073)	2.34	0.575
E605103 (5967074)	2.24	0.197
E605104 (5967075)	2.20	0.069
E605105 (5967076)	0.10	0.933
E605106 (5967077)	2.50	0.046
E605107 (5967078)	2.26	0.213
E605108 (5967079)	2.26	0.156
E605109 (5967080)	2.66	0.128
E605110 (5967081)	1.60	0.024
E605111 (5967082)	2.10	0.016
E605112 (5967083)	2.12	0.025
E605113 (5967084)	2.08	0.031
E605114 (5967085)	2.02	0.119
E605115 (5967086)	1.34	0.003
E605116 (5967087)	2.24	0.016
E605117 (5967088)	2.06	0.017
E605118 (5967089)	2.08	0.045
E605119 (5967090)	2.10	0.041
E605120 (5967091)	2.54	0.062
E605121 (5967092)	2.28	0.174
E605122 (5967093)	2.12	0.904
E605123 (5967094)	1.90	0.207
E605124 (5967095)	2.04	0.344
E605125 (5967096)	1.82	0.002
E605126 (5967097)	2.28	0.157
E605127 (5967098)	2.18	0.170
E605128 (5967099)	2.34	0.093
E605129 (5967100)	1.98	0.410
E605130 (5967101)	2.02	0.147
E605131 (5967102)	2.20	0.142
E605132 (5967103)	2.22	0.338

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Certificate of Analysis

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 21, 2014 | DATE RECEIVED: Oct 20, 2014 | DATE REPORTED: Nov 13, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605133 (5967104)	2.00	0.140
E605134 (5967105)	2.04	0.147
E605135 (5967106)	0.10	0.509
E605136 (5967107)	2.04	0.074
E605137 (5967108)	2.24	0.049
E605138 (5967109)	2.10	0.042
E605139 (5967110)	1.90	0.105
E605140 (5967111)	2.12	0.058
E605141 (5967112)	2.14	0.145
E605142 (5967113)	2.18	0.200
E605143 (5967114)	2.10	0.132
E605144 (5967115)	2.16	0.064
E605145 (5967116)	1.44	0.002
E605146 (5967117)	3.10	0.124
E605147 (5967118)	1.14	0.094
E605148 (5967119)	2.02	0.028
E605149 (5967120)	2.18	0.036
E605150 (5967121)	2.22	0.018
E605151 (5967123)	2.00	0.017
E605152 (5967124)	2.16	0.070
E605153 (5967125)	2.38	0.036
E605154 (5967126)	2.00	0.071
E605155 (5967127)	0.08	0.863
E605156 (5967128)	1.06	0.027
E605157 (5967129)	1.08	0.091
E605158 (5967130)	2.16	0.042
E605159 (5967131)	2.08	0.054
E605160 (5967132)	2.10	0.036
E605161 (5967133)	2.10	0.079
E605162 (5967134)	2.14	0.040
E605163 (5967135)	2.08	0.048

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Certificate of Analysis

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 21, 2014 | DATE RECEIVED: Oct 20, 2014 | DATE REPORTED: Nov 13, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605164 (5967136)	2.20	0.023
E605165 (5967138)	1.34	0.002
E605166 (5967139)	2.32	0.040
E605167 (5967140)	2.06	0.039
E605168 (5967141)	2.02	0.092
E605169 (5967142)	2.14	0.047
E605170 (5967143)	2.06	0.022
E605171 (5967144)	2.30	0.150
E605172 (5967145)	2.00	0.169
E605173 (5967146)	2.12	0.206
E605174 (5967147)	2.34	0.197
E605175 (5967148)	1.36	0.003
E605176 (5967150)	2.04	0.053
E605177 (5967151)	2.18	0.024
E605178 (5967152)	2.10	0.049
E605179 (5967153)	2.00	0.113
E605180 (5967154)	1.86	0.160
E605181 (5967155)	1.12	0.032
E605182 (5967156)	1.76	0.009
E605183 (5967157)	1.54	0.021
E605184 (5967158)	3.16	0.023
E605185 (5967159)	0.10	0.853
E605186 (5967160)	1.90	0.012
E605187 (5967162)	2.06	0.009
E605188 (5967163)	2.10	0.013
E605189 (5967164)	3.12	0.053
E605190 (5967165)	1.64	0.013
E605191 (5967166)	2.20	0.118
E605192 (5967167)	1.94	0.055
E605193 (5967168)	3.12	0.059
E605194 (5967169)	1.20	0.226

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Certificate of Analysis

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 21, 2014 | DATE RECEIVED: Oct 20, 2014 | DATE REPORTED: Nov 13, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605195 (5967170)	1.44	0.002
E605196 (5967171)	2.42	0.009
E605197 (5967172)	2.10	0.003
E605198 (5967173)	2.24	0.001
E605199 (5967175)	2.28	0.042
E605200 (5967176)	1.02	0.014

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E605008	0.004	0.004	0.0%	E605134	0.147	0.147	0.0%	E605090	0.035	0.036	2.8%	E605174	0.197	0.228	14.6%

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.1P5K)				CRM #2 (ref.GSP7J)				CRM #3 (ref.1P5K)				CRM #4 (ref.GS6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.56	108%	90% - 110%	0.722	0.672	93%	90% - 110%	1.44	1.42	99%	90% - 110%	6.09	6.19	102%	90% - 110%
	CRM #5 (ref.GSP7J)															
Parameter	Expect	Actual	Recovery	Limits												
Au	0.722	0.800	110%	90% - 110%												

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Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U904723

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
(705) 567-4862

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U897903

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 10, 2014

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U897903

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 06, 2014 | DATE RECEIVED: Oct 03, 2014 | DATE REPORTED: Oct 10, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605278 (5895750)	2.24	0.008
E605279 (5895751)	2.58	0.019
E605280 (5895752)	2.40	0.008
E605281 (5895753)	1.50	0.010
E605282 (5895754)	1.76	0.076
E605283 (5895755)	1.70	0.006
E605284 (5895756)	1.80	0.040
E605285 (5895757)	0.10	0.498
E605286 (5895758)	1.92	1.56
E605287 (5895759)	1.58	0.815
E605288 (5895760)	1.22	0.634
E605289 (5895761)	1.06	0.518
E605290 (5895762)	1.22	1.19
E605291 (5895763)	1.08	0.566
E605292 (5895764)	1.06	0.515
E605293 (5895765)	1.16	0.280
E605294 (5895766)	1.20	0.294
E605295 (5895767)	0.68	<0.001
E605296 (5895768)	2.10	0.082
E605297 (5895769)	2.16	0.095
E605298 (5895770)	2.16	0.127
E605299 (5895771)	2.98	0.181

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U897903

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	E605278	0.008	0.007	13.3%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U897903

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.1P5K)															
Parameter	Expect	Actual	Recovery	Limits												
Au	1.44	1.54	107%	90% - 110%												

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Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U897903

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
(705) 567-4862

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U907504

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Nov 14, 2014

PAGES (INCLUDING COVER): 10

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*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 27, 2014 | DATE RECEIVED: Oct 24, 2014 | DATE REPORTED: Nov 14, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605201 (5995901)	3.62	0.002
E605202 (5995902)	1.28	<0.001
E605203 (5995903)	3.20	<0.001
E605204 (5995904)	2.20	0.008
E605205 (5995905)	3.60	<0.001
E605206 (5995906)	3.52	<0.001
E605207 (5995907)	1.74	<0.001
E605208 (5995908)	2.26	<0.001
E605209 (5995909)	2.12	0.004
E605210 (5995910)	2.36	<0.001
E605211 (5995911)	2.18	<0.001
E605212 (5995912)	1.44	<0.001
E605213 (5995913)	1.12	0.002
E605214 (5995914)	1.74	0.004
E605215 (5995915)	0.10	0.912
E605216 (5995916)	2.54	0.007
E605217 (5995917)	2.26	0.004
E605218 (5995918)	2.40	<0.001
E605219 (5995919)	2.06	<0.001
E605220 (5995920)	2.62	<0.001
E605221 (5995921)	1.92	0.003
E605222 (5995922)	1.34	0.007
E605223 (5995923)	2.18	0.001
E605224 (5995924)	2.22	0.044
E605225 (5995925)	1.06	<0.001
E605226 (5995926)	1.60	0.007
E605227 (5995927)	2.52	<0.001
E605228 (5995928)	1.98	<0.001
E605229 (5995929)	1.82	0.003
E605230 (5995930)	1.56	0.004
E605231 (5995931)	1.38	0.002

Certified By: Y. Chan.

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Certificate of Analysis

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 27, 2014 | DATE RECEIVED: Oct 24, 2014 | DATE REPORTED: Nov 14, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605232 (5995932)	1.62	0.007
E605233 (5995933)	2.02	0.001
E605234 (5995934)	1.98	0.005
E605235 (5995935)	0.10	0.897
E605236 (5995936)	1.36	0.005
E605237 (5995937)	1.46	0.001
E605238 (5995938)	2.30	<0.001
E605239 (5995939)	2.42	0.001
E605240 (5995940)	2.14	0.016
E605241 (5995941)	2.62	<0.001
E605242 (5995942)	2.36	0.002
E605243 (5995943)	2.20	0.003
E605244 (5995944)	2.26	<0.001
E605245 (5995945)	1.14	<0.001
E605246 (5995946)	1.52	<0.001
E605247 (5995947)	2.14	<0.001
E605248 (5995948)	1.72	<0.001
E605249 (5995949)	3.50	<0.001
E605250 (5995950)	2.34	<0.001
E605251 (5995951)	1.14	<0.001
E605252 (5995952)	3.46	0.001
E605253 (5995953)	3.58	0.001
E605254 (5995954)	1.12	<0.001
E605255 (5995955)	0.82	<0.001
E605256 (5995956)	2.24	<0.001
E605257 (5995957)	2.14	<0.001
E605258 (5995958)	1.06	<0.001
E605259 (5995959)	2.26	<0.001
E605260 (5995960)	1.46	<0.001
E605261 (5995961)	2.46	0.056
E605262 (5995962)	2.52	0.024

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Certificate of Analysis

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 27, 2014 | DATE RECEIVED: Oct 24, 2014 | DATE REPORTED: Nov 14, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605263 (5995963)	4.00	0.002
E605264 (5995964)	2.26	0.002
E605265 (5995965)	0.10	0.881
E605266 (5995966)	2.06	0.004
E605267 (5995967)	2.42	0.013
E605268 (5995968)	2.26	0.003
E605269 (5995969)	2.58	<0.001
E605270 (5995970)	2.66	<0.001
E605271 (5995971)	2.74	<0.001
E605272 (5995972)	1.80	0.028
E605273 (5995973)	1.74	0.842
E605274 (5995974)	1.38	0.010
E605275 (5995975)	0.84	0.002
E605276 (5995976)	2.54	0.008
E605277 (5995977)	2.42	0.028
E605300 (5995978)	3.26	0.123
E605301 (5995979)	3.32	0.115
E605302 (5995980)	3.14	0.040
E605303 (5995981)	3.14	0.065
E605304 (5995982)	3.04	0.074
E605305 (5995983)	0.72	0.002
E605306 (5995984)	1.94	0.067
E605307 (5995985)	1.74	0.230
E605308 (5995986)	2.54	0.143
E605309 (5995987)	3.04	0.040
E605310 (5995988)	1.64	0.017
E605311 (5995989)	2.42	0.061
E605312 (5995990)	3.36	0.113
E605313 (5995991)	3.32	0.061
E605314 (5995992)	3.42	0.126
E605315 (5995993)	0.10	0.512

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Certificate of Analysis

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 27, 2014 | DATE RECEIVED: Oct 24, 2014 | DATE REPORTED: Nov 14, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605316 (5995994)	3.26	0.124
E605317 (5995995)	3.36	0.464
E605318 (5995996)	3.26	0.109
E605319 (5995997)	3.12	0.036
E605320 (5995998)	3.08	0.015
E605321 (5995999)	2.88	0.144
E605322 (5996000)	3.52	0.110
E605323 (5996001)	2.64	0.186
E605324 (5996002)	2.04	0.096
E605325 (5996003)	1.12	0.002
E605326 (5996004)	1.58	0.173
E605327 (5996005)	2.96	0.213
E605328 (5996006)	3.10	0.123
E605329 (5996007)	3.04	0.458
E605330 (5996008)	2.98	0.022
E605331 (5996009)	3.10	0.022
E605332 (5996010)	3.24	0.038
E605333 (5996011)	2.96	0.071
E605334 (5996012)	3.12	0.050
E605335 (5996013)	0.10	0.866
E605336 (5996014)	3.08	0.042
E605337 (5996015)	2.86	0.047
E605338 (5996016)	2.98	0.045
E605339 (5996017)	3.06	0.057
E605340 (5996018)	3.06	0.073
E605341 (5996019)	3.14	0.085
E605342 (5996020)	1.40	0.140
E605343 (5996021)	2.70	0.063
E605344 (5996022)	2.78	0.065
E605345 (5996023)	1.36	0.005
E605346 (5996024)	2.34	0.002

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Certificate of Analysis

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 27, 2014 | DATE RECEIVED: Oct 24, 2014 | DATE REPORTED: Nov 14, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605347 (5996025)	2.22	0.062
E605348 (5996026)	1.00	0.077
E605349 (5996027)	1.06	0.039
E605350 (5996028)	2.08	0.023
E600351 (5996029)	3.00	0.026
E600352 (5996030)	2.94	0.048
E600353 (5996031)	1.06	0.025
E600354 (5996032)	2.06	0.096
E600355 (5996033)	0.10	0.875
E600356 (5996034)	3.24	0.029
E600357 (5996035)	2.96	0.192
E600358 (5996036)	3.08	0.116
E600359 (5996037)	1.16	0.100
E600360 (5996038)	1.92	0.027
E600361 (5996039)	3.02	0.018
E600362 (5996040)	3.16	0.061
E600363 (5996041)	3.06	0.106
E600364 (5996042)	2.94	0.095
E600365 (5996043)	1.40	0.003
E600366 (5996044)	1.08	0.223
E600367 (5996045)	1.04	0.114
E600368 (5996046)	1.00	0.041
E600369 (5996047)	1.16	0.078
E600370 (5996048)	1.92	0.028
E600371 (5996049)	1.86	0.077
E600372 (5996050)	1.18	0.111
E600373 (5996051)	2.20	0.208
E600374 (5996052)	2.18	0.387
E600375 (5996053)	1.32	0.003
E600376 (5996054)	1.96	0.151
E600377 (5996055)	1.98	0.201

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Oct 27, 2014 | DATE RECEIVED: Oct 24, 2014 | DATE REPORTED: Nov 14, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E600378 (5996056)	2.28	0.464
E600379 (5996057)	2.40	0.286
E600380 (5996058)	1.50	0.718
E600381 (5996059)	2.98	0.330
E600382 (5996060)	2.94	0.253
E600383 (5996061)	3.06	0.247
E600384 (5996062)	3.38	0.170
E600385 (5996063)	1.52	0.400
E600386 (5996064)	0.10	0.891
E600387 (5996065)	1.90	0.277
E600388 (5996066)	2.60	0.045
E600389 (5996067)	3.30	0.004
E600390 (5996068)	3.36	0.002

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	E605222	0.007	0.007	0.0%	E605251	< 0.001	< 0.001	0.0%	E600362	0.0612	0.0660	7.5%				

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.1P5K)				CRM #2 (ref.GS6D)				CRM #3 (ref.GSP7J)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	1.44	1.37	95%	90% - 110%	6.09	6.48	106%	90% - 110%	0.722	0.744	103%	90% - 110%				

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Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U907504

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

AGAT Laboratories

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
(705) 567-4862

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U910814

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Nov 21, 2014

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U910814

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 03, 2014 | DATE RECEIVED: Oct 31, 2014 | DATE REPORTED: Nov 21, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E600391 (6028736)	1.08	0.008
E600392 (6028737)	2.20	0.007
E600393 (6028738)	2.18	0.006
E600394 (6028739)	1.44	0.023
E600395 (6028740)	0.62	0.002
E600396 (6028741)	1.44	0.004
E600397 (6028742)	1.38	0.008
E600398 (6028743)	1.32	0.016
E600399 (6028744)	2.60	0.010
E600400 (6028745)	2.16	0.008
E605351 (6028746)	3.34	0.008
E605352 (6028747)	1.74	0.004
E605353 (6028748)	2.46	0.004
E605354 (6028749)	2.42	0.006
E605355 (6028750)	0.06	0.912
E605356 (6028751)	2.40	0.006
E605357 (6028752)	2.58	0.004
E605358 (6028753)	2.58	0.004
E605359 (6028754)	2.70	0.003
E605360 (6028755)	2.62	0.010
E605361 (6028756)	2.40	0.006
E605362 (6028757)	2.86	0.004
E605363 (6028758)	3.56	0.005
E605364 (6028759)	1.54	0.006
E605365 (6028760)	0.90	0.002
E605366 (6028761)	2.60	0.005
E605367 (6028762)	2.42	0.007
E605368 (6028763)	2.62	0.007
E605369 (6028764)	2.64	0.005
E605370 (6028765)	2.60	0.020
E605371 (6028766)	2.46	0.005

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Certificate of Analysis

AGAT WORK ORDER: 14U910814

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 03, 2014 | DATE RECEIVED: Oct 31, 2014 | DATE REPORTED: Nov 21, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605372 (6028767)	1.34	0.003
E605373 (6028768)	2.46	0.002
E605374 (6028769)	1.30	0.005
E605375 (6028770)	1.34	0.021
E605376 (6028771)	0.70	0.001
E605377 (6028772)	1.22	0.005
E605378 (6028773)	2.48	0.011
E605379 (6028774)	2.60	0.005
E605380 (6028775)	2.54	0.009
E605381 (6028776)	2.32	0.004
E605382 (6028777)	2.48	0.003
E605383 (6028778)	2.74	0.004
E605384 (6028779)	2.50	0.006
E605385 (6028780)	0.06	1.08
E605386 (6028781)	2.48	0.004
E605387 (6028782)	2.90	0.003
E605388 (6028783)	1.80	0.003
E605389 (6028784)	2.42	0.007
E605390 (6028785)	2.50	0.004
E605391 (6028786)	2.74	0.008
E605392 (6028787)	2.44	0.005
E605393 (6028788)	2.42	0.008
E605394 (6028789)	1.34	0.009
E605395 (6028790)	0.96	0.003
E605396 (6028791)	1.62	0.018
E605397 (6028792)	1.32	0.006
E605398 (6028793)	1.24	0.016
E605399 (6028794)	1.32	0.030
E605400 (6028795)	1.72	0.006
E605401 (6028796)	2.64	0.005
E605402 (6028797)	1.84	0.008

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Certificate of Analysis

AGAT WORK ORDER: 14U910814

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 03, 2014 | DATE RECEIVED: Oct 31, 2014 | DATE REPORTED: Nov 21, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605403 (6028798)	1.64	0.016
E605404 (6028799)	2.50	0.145
E605405 (6028800)	0.06	0.903
E605406 (6028801)	2.94	0.005
E605407 (6028802)	3.40	0.006
E605408 (6028803)	3.60	0.004
E605409 (6028804)	3.22	0.005
E605410 (6028805)	3.42	0.003
E605411 (6028806)	2.06	0.003
E605412 (6028807)	1.18	0.005
E605413 (6028808)	3.08	0.004
E605414 (6028809)	3.42	0.004
E605415 (6028810)	3.32	0.007
E605416 (6028811)	3.34	0.005
E605417 (6028812)	1.52	0.001
E605418 (6028813)	3.26	0.008
E605419 (6028814)	2.26	0.008
E605420 (6028815)	1.32	0.004
E605421 (6028816)	1.52	0.005
E605422 (6028817)	1.60	0.004
E605423 (6028818)	2.24	0.003
E605424 (6028819)	2.12	0.004
E605425 (6028820)	0.06	1.04
E605426 (6028821)	2.28	0.005
E605427 (6028822)	2.34	0.042
E605428 (6028823)	2.30	0.005
E605429 (6028824)	2.22	0.351
E605430 (6028825)	1.38	0.170
E605431 (6028826)	2.26	0.274
E605432 (6028827)	1.58	0.236
E605433 (6028828)	1.56	0.446

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Certificate of Analysis

AGAT WORK ORDER: 14U910814

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 03, 2014 | DATE RECEIVED: Oct 31, 2014 | DATE REPORTED: Nov 21, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605434 (6028829)	1.46	0.384
E605435 (6028830)	1.42	0.004
E605436 (6028831)	2.20	0.231
E605437 (6028832)	1.22	0.185
E605438 (6028833)	2.08	0.080
E605439 (6028834)	1.32	0.054
E605440 (6028835)	1.40	0.059
E605441 (6028836)	1.92	0.080
E605442 (6028837)	2.24	0.041
E605443 (6028838)	2.10	0.084
E605444 (6028839)	1.44	0.184
E605445 (6028840)	0.06	1.05
E605446 (6028841)	1.16	0.062
E605447 (6028842)	1.32	0.048
E605448 (6028843)	0.76	0.030
E605449 (6028844)	2.04	0.164
E605450 (6028845)	1.00	0.016
E605451 (6028846)	2.46	0.002
E605452 (6028847)	2.18	0.002
E605453 (6028848)	2.34	0.001
E605454 (6028849)	2.18	0.002
E605455 (6028850)	1.16	0.001
E605456 (6028851)	2.18	0.002
E605457 (6028852)	2.10	<0.001
E605458 (6028853)	2.64	0.003

Comments: RDL - Reported Detection Limit

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U910814

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E600391	0.008	0.006	28.6%	E605358	0.004	0.004	0.0%	E605375	0.021	0.018	15.4%	E605391	0.008	0.007	13.3%
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Au	E605407	0.006	0.005	18.2%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U910814

PROJECT: HISLOP PROJECT

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)				CRM #4 (ref.GSP7J)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.800	110%	90% - 110%	6.09	6.12	101%	90% - 110%	1.44	1.59	110%	90% - 110%	0.722	0.746	103%	90% - 110%

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Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U910814

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
(705) 567-4862

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP

AGAT WORK ORDER: 14U911844

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Nov 24, 2014

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U911844

PROJECT: HISLOP

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 05, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605459 (6039051)	3.68	0.003
E605460 (6039052)	3.28	0.011
E605461 (6039053)	2.74	<0.001
E605462 (6039054)	1.22	0.002
E605463 (6039055)	2.10	0.002
E605464 (6039056)	3.10	0.006
E605465 (6039057)	0.96	<0.001
E605466 (6039058)	3.48	0.007
E605467 (6039059)	3.14	0.002
E605468 (6039060)	3.14	<0.001
E605469 (6039061)	2.60	0.021
E605470 (6039062)	3.36	0.007
E605471 (6039063)	1.86	0.041
E605472 (6039064)	3.02	<0.001
E605473 (6039065)	3.20	0.005
E605474 (6039066)	3.16	0.002
E605475 (6039067)	0.10	0.878
E605476 (6039068)	3.20	<0.001
E605477 (6039069)	2.40	<0.001
E605478 (6039070)	3.40	0.004
E605479 (6039071)	2.40	0.033
E605480 (6039072)	1.90	0.027
E605481 (6039073)	1.44	0.006
E605482 (6039074)	1.48	0.007
E605483 (6039075)	1.86	<0.001
E605484 (6039076)	1.88	0.007
E605485 (6039077)	3.34	0.016
E605486 (6039078)	1.44	<0.001
E605487 (6039079)	3.24	<0.001
E605488 (6039080)	3.26	<0.001
E605489 (6039081)	3.26	<0.001

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Certificate of Analysis

AGAT WORK ORDER: 14U911844

PROJECT: HISLOP

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 05, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E605490 (6039082)	2.02	0.014
E605491 (6039083)	2.22	0.032
E605492 (6039084)	2.18	0.009
E605493 (6039085)	2.12	0.006
E605494 (6039086)	1.34	0.392
E605495 (6039087)	0.10	1.04
E605496 (6039088)	1.20	0.129
E605497 (6039089)	2.30	0.025
E605498 (6039090)	1.46	0.087
E605499 (6039091)	2.10	0.004
E605500 (6039092)	1.92	<0.001
E602601 (6039093)	1.30	0.002
E602602 (6039094)	1.00	0.004
E602603 (6039095)	1.34	0.521
E602604 (6039096)	0.98	0.072
E602605 (6039097)	1.14	0.004
E602606 (6039098)	1.84	0.031
E602607 (6039099)	1.62	0.073
E602608 (6039100)	0.94	0.040
E602609 (6039101)	1.86	0.005
E602610 (6039102)	1.44	0.031
E602611 (6039103)	1.54	0.009
E602612 (6039104)	1.68	0.009
E602613 (6039105)	1.40	0.016
E602614 (6039106)	1.04	0.242
E602615 (6039107)	0.10	0.902
E602616 (6039108)	1.22	0.086
E602617 (6039109)	1.14	0.036
E602618 (6039110)	2.26	0.014
E602619 (6039111)	2.22	0.004
E602620 (6039112)	2.22	0.008

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PROJECT: HISLOP

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 05, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E602621 (6039113)	2.38	0.043
E602622 (6039114)	2.40	0.008
E602623 (6039115)	2.08	0.013
E602624 (6039116)	1.58	1.26
E602625 (6039117)	1.10	0.001
E602626 (6039118)	1.76	1.58
E602627 (6039119)	1.08	0.378
E602628 (6039120)	2.32	0.202
E602629 (6039121)	2.26	0.084
E602630 (6039122)	1.28	0.234
E602631 (6039123)	2.30	0.022
E602632 (6039124)	2.62	0.037
E602633 (6039125)	2.80	0.192
E602634 (6039126)	1.12	0.061
E602635 (6039127)	0.10	1.07
E602636 (6039128)	2.04	0.107
E602637 (6039129)	3.24	0.059
E602638 (6039130)	2.10	0.070
E602639 (6039131)	2.18	0.062
E602640 (6039132)	3.40	0.071
E602641 (6039133)	3.14	0.046
E602642 (6039134)	3.56	0.063
E602643 (6039135)	3.14	0.043
E602644 (6039136)	3.46	0.027
E602645 (6039137)	1.68	0.002
E602646 (6039138)	3.08	0.047
E602647 (6039139)	1.08	0.124
E602648 (6039140)	2.08	0.081
E602649 (6039141)	3.36	0.089
E602650 (6039142)	1.42	0.057
E602651 (6039143)	2.12	0.168

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AGAT WORK ORDER: 14U911844

PROJECT: HISLOP

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 05, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E602652 (6039144)	2.28	0.079
E602653 (6039145)	3.22	0.051
E602654 (6039146)	3.18	0.165
E602655 (6039147)	0.10	0.897
E602656 (6039148)	1.16	0.142
E602657 (6039149)	3.38	0.068
E602658 (6039150)	3.36	0.082
E602659 (6039151)	3.38	0.109
E602660 (6039152)	3.22	0.065
E602661 (6039153)	3.56	0.195
E602662 (6039154)	3.42	0.115
E602663 (6039155)	3.20	0.143
E602664 (6039156)	3.34	0.053
E602665 (6039157)	3.30	0.171
E602666 (6039158)	3.32	0.067
E602667 (6039159)	3.00	1.40
E602668 (6039160)	3.74	6.25
E602669 (6039161)	3.56	0.900
E602670 (6039162)	3.30	0.352
E602671 (6039163)	3.40	0.132
E602672 (6039164)	1.44	0.059
E602673 (6039165)	2.04	0.070
E602674 (6039166)	2.28	0.026
E602675 (6039167)	1.28	0.024
E602676 (6039168)	0.10	1.08
E602677 (6039169)	1.24	0.014
E602678 (6039170)	1.38	0.007
E602679 (6039171)	1.16	0.008
E602680 (6039172)	1.22	0.046
E602681 (6039173)	1.14	0.067
E602682 (6039174)	1.18	0.014

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AGAT WORK ORDER: 14U911844

PROJECT: HISLOP

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 05, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E602683 (6039175)	3.66	0.020
E602684 (6039176)	2.62	0.196
E602685 (6039177)	0.10	1.06
E602686 (6039178)	1.28	0.167
E602687 (6039179)	1.18	0.070
E602688 (6039180)	1.38	0.002
E602689 (6039181)	1.12	0.075
E602690 (6039182)	1.26	0.052
E602691 (6039183)	3.18	0.116
E602692 (6039184)	2.04	0.009
E602693 (6039185)	1.80	0.070
E602694 (6039186)	3.72	0.038
E602695 (6039187)	1.28	<0.001
E602696 (6039188)	3.46	0.002
E602697 (6039189)	3.64	0.022
E602698 (6039190)	1.10	1.53
E602699 (6039191)	2.32	0.115
E602700 (6039192)	1.98	0.052
E602701 (6039193)	2.56	0.044
E602702 (6039194)	2.14	0.212
E602703 (6039195)	0.92	0.612
E602704 (6039196)	2.32	0.132
E602705 (6039197)	1.20	0.002
E602706 (6039198)	3.00	0.115
E602707 (6039199)	3.16	0.051
E602708 (6039200)	3.56	0.139
E602709 (6039201)	3.28	0.130
E602710 (6039202)	3.16	0.183
E602711 (6039203)	3.18	0.120
E602712 (6039204)	3.60	0.016
E602713 (6039205)	3.40	0.073

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Certificate of Analysis

AGAT WORK ORDER: 14U911844

PROJECT: HISLOP

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 05, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 24, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E602714 (6039206)	2.98	0.027
E602715 (6039207)	0.10	1.01
E602716 (6039208)	3.16	0.064
E602717 (6039209)	3.48	0.072
E602718 (6039210)	1.18	1.09
E602719 (6039211)	3.68	0.334
E602720 (6039212)	2.34	0.034
E602721 (6039213)	3.28	0.016

Comments: RDL - Reported Detection Limit

Certified By:

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance - Replicate

AGAT WORK ORDER: 14U911844

PROJECT: HISLOP

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	E605459	0.003	0.004	28.6%	E605484	0.007	0.007	0.0%	E602609	0.005	0.005	0.0%				

AGAT Laboratories

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http://www.agatlabs.com

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U911844

PROJECT: HISLOP

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.GS6D)				CRM #2 (ref.1P5K)				CRM #3 (ref.GSP7J)				CRM #4 (ref.GS6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.09	6.27	103%	90% - 110%	1.44	1.46	101%	90% - 110%	0.722	0.800	110%	90% - 110%	6.09	5.83	96%	90% - 110%
	CRM #5 (ref.GS6D)															
Parameter	Expect	Actual	Recovery	Limits												
Au	6.09	5.83	96%	90% - 110%												

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http://www.agatlabs.com

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U911844

PROJECT: HISLOP

ATTENTION TO: CRAIG TODD

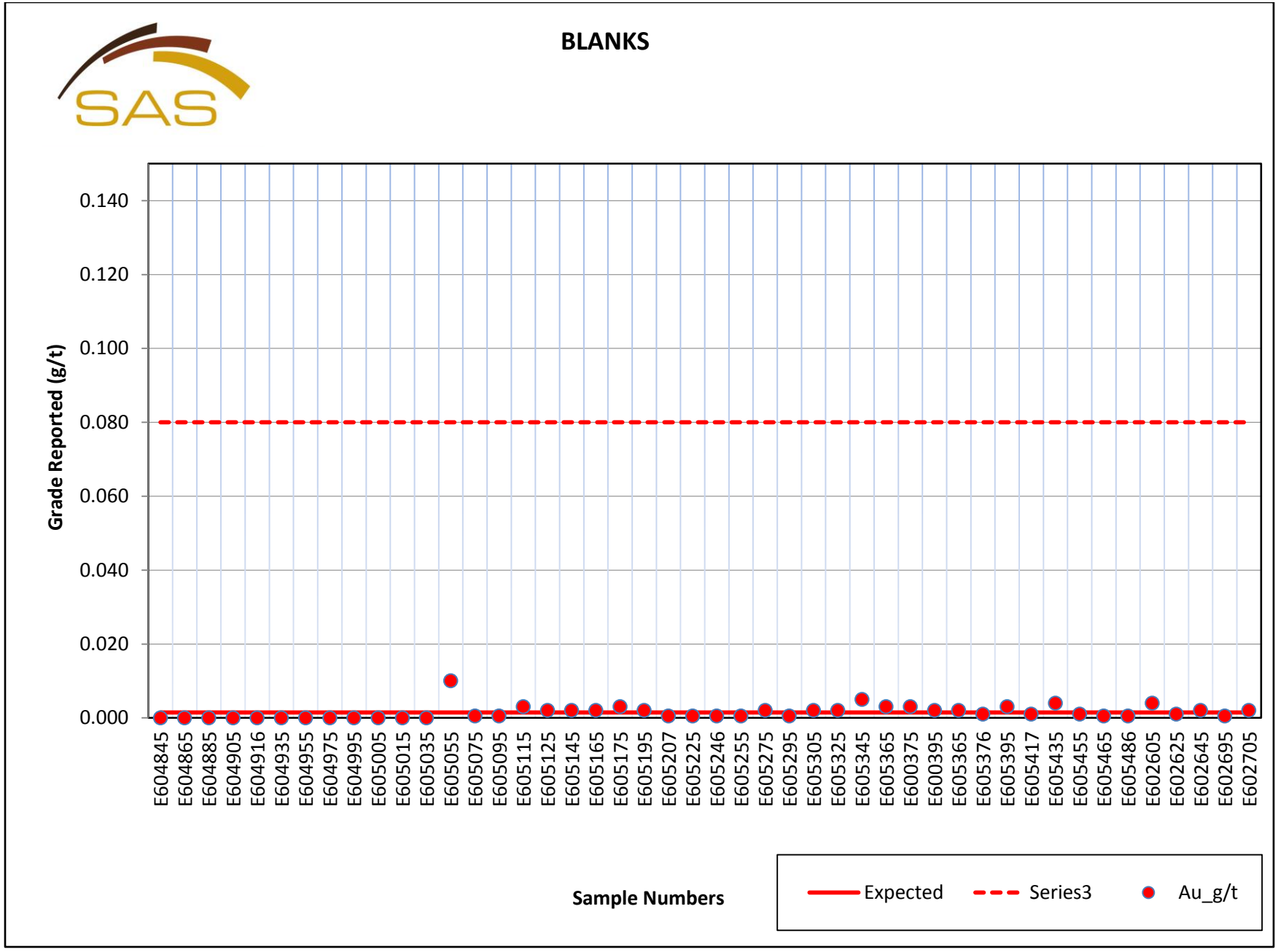
SAMPLING SITE:

SAMPLED BY:

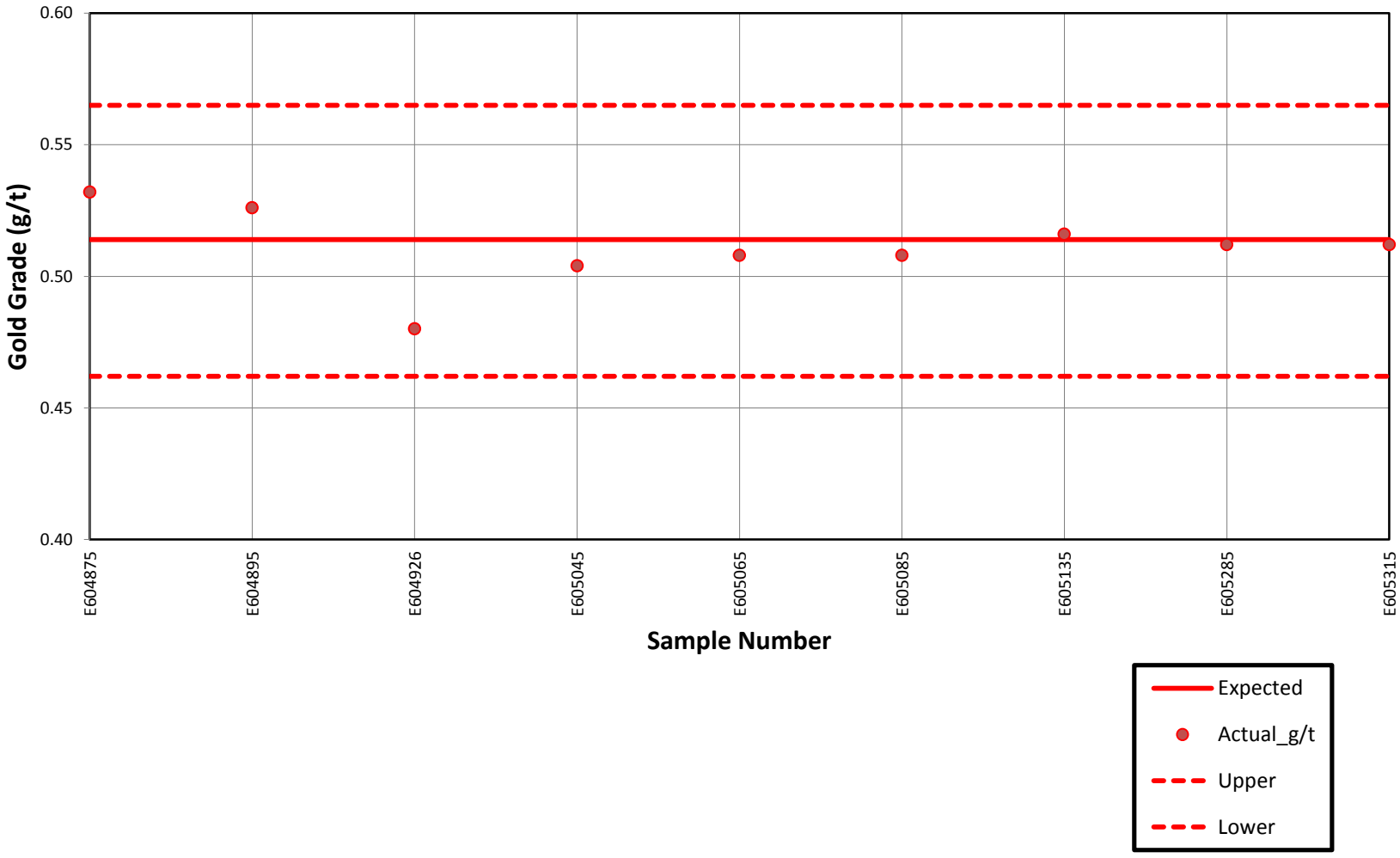
PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

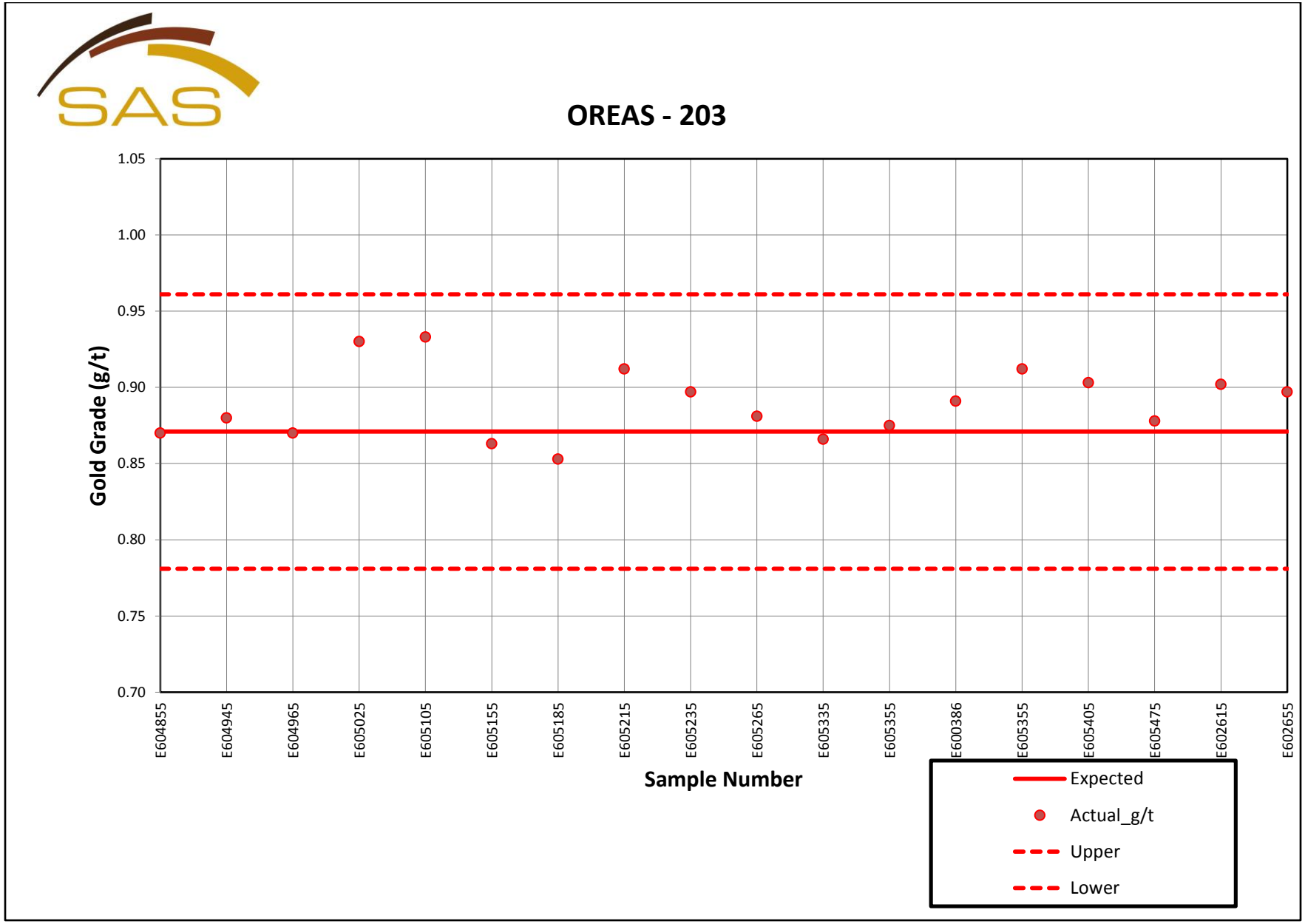
Appendix 3

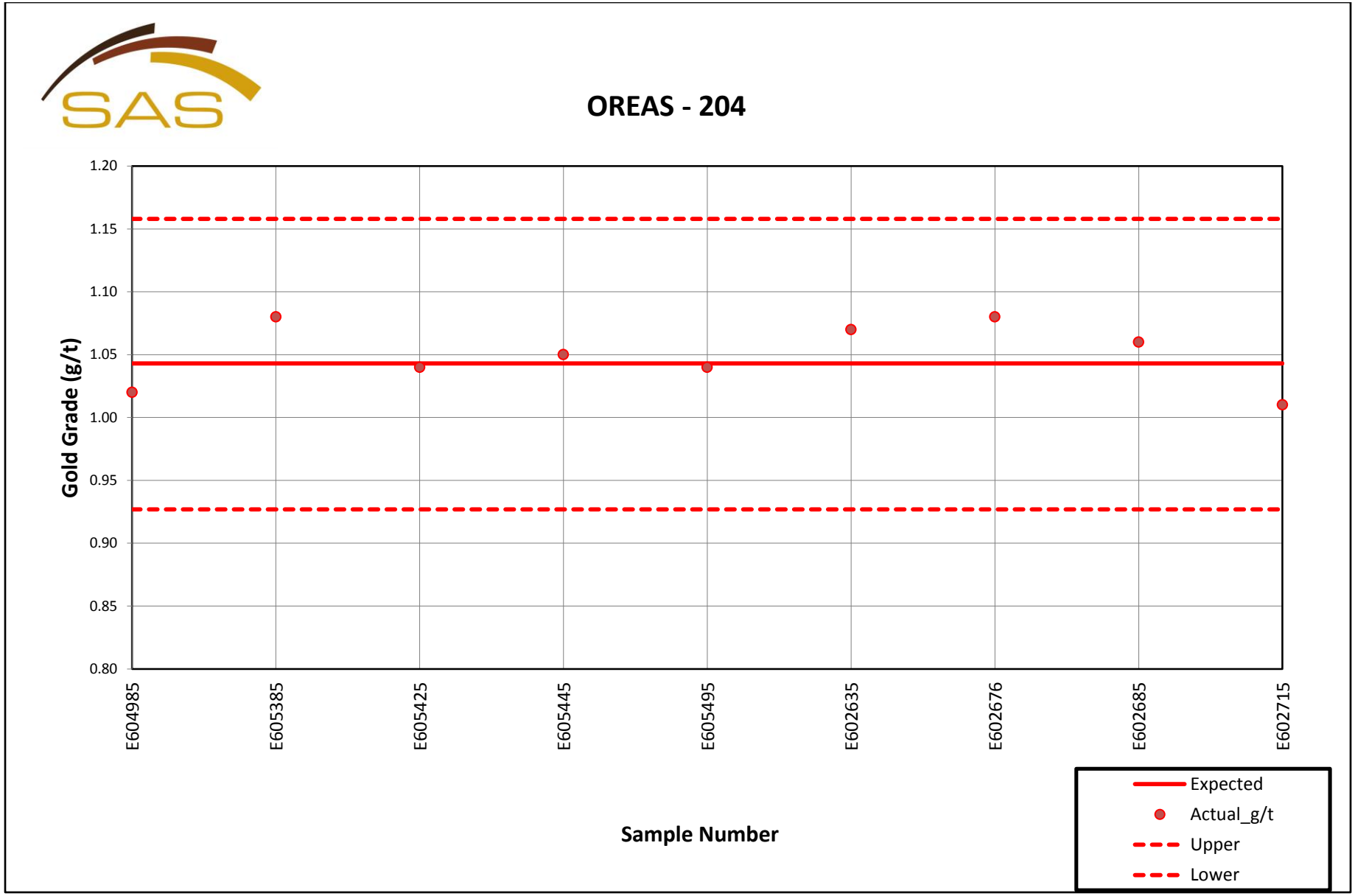
QA/QC Report


BLANKS
Grade Reported (g/t)
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
E604845
E604865
E604885
E604905
E604916
E604935
E604955
E604975
E604995
E605005
E605015
E605035
E605055
E605075
E605095
E605115
E605125
E605145
E605165
E605175
E605195
E605207
E605225
E605246
E605255
E605275
E605295
E605305
E605325
E605345
E605365
E600375
E600395
E605365
E605376
E605395
E605417
E605435
E605455
E605465
E605486
E602605
E602625
E602645
E602695
E602705
Sample Numbers
Expected
Series3
Au_g/t

OREAS - 201

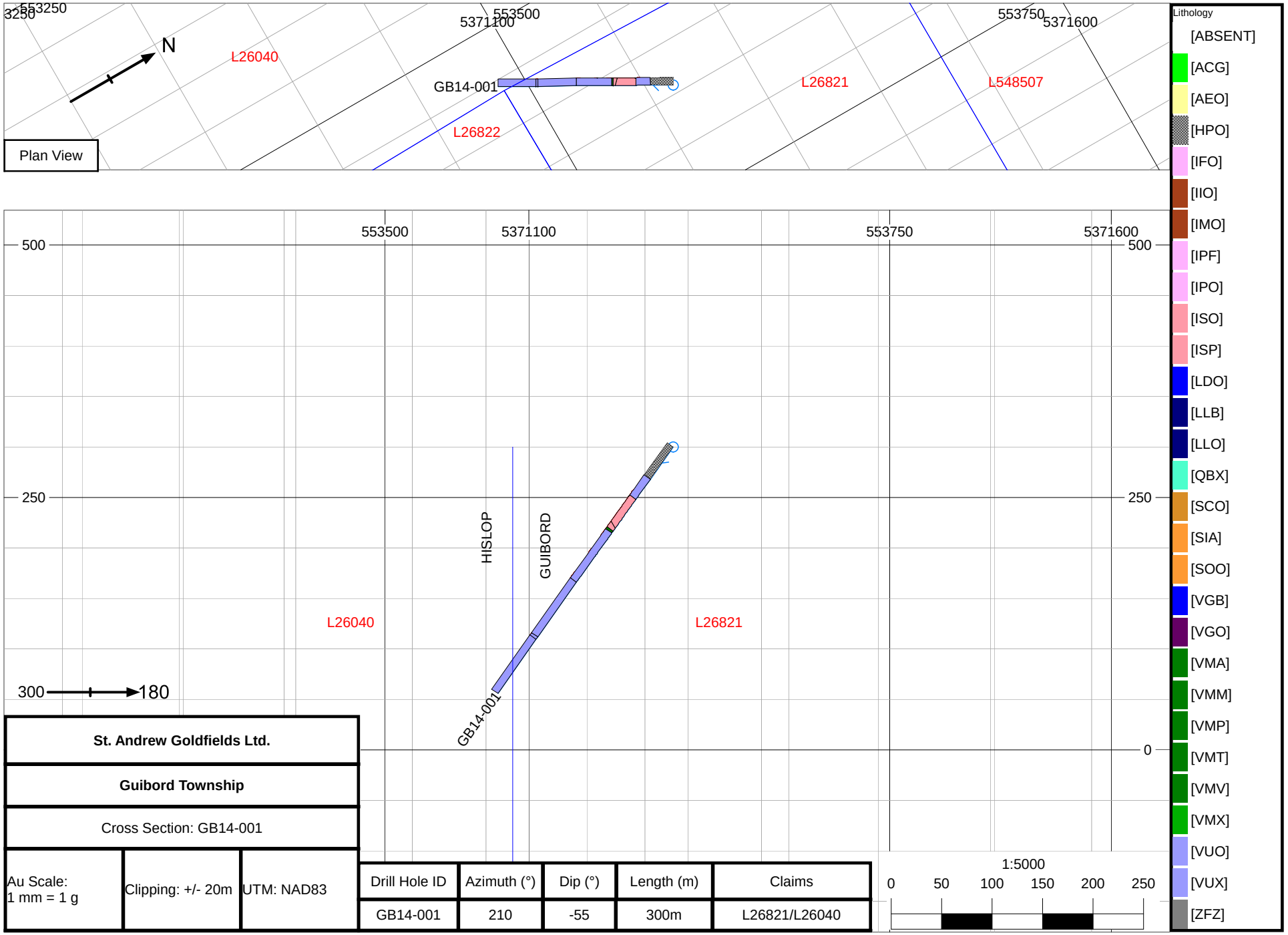

0.60
0.55
0.50
0.45
0.40
Gold Grade (g/t)
E604875
E604895
E604926
E605045
E605065
E605085
E605135
E605285
E605315
Sample Number
Expected
Actual_g/t
Upper
Lower


OREAS - 203
Gold Grade (g/t)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
E604855
E604945
E604965
E605025
E605105
E605155
E605185
E605215
E605235
E605265
E605335
E605355
E600386
E605355
E605405
E605475
E602615
E602655
Sample Number
Expected
Actual_g/t
Upper
Lower


SAS
OREAS - 204
Gold Grade (g/t)
1.20
1.15
1.10
1.05
1.00
0.95
0.90
0.85
0.80
E604985
E605385
E605425
E605445
E605495
E602635
E602676
E602685
E602715
Sample Number
Expected
Actual_g/t
Upper
Lower

Appendix 4

Drill Hole Sections



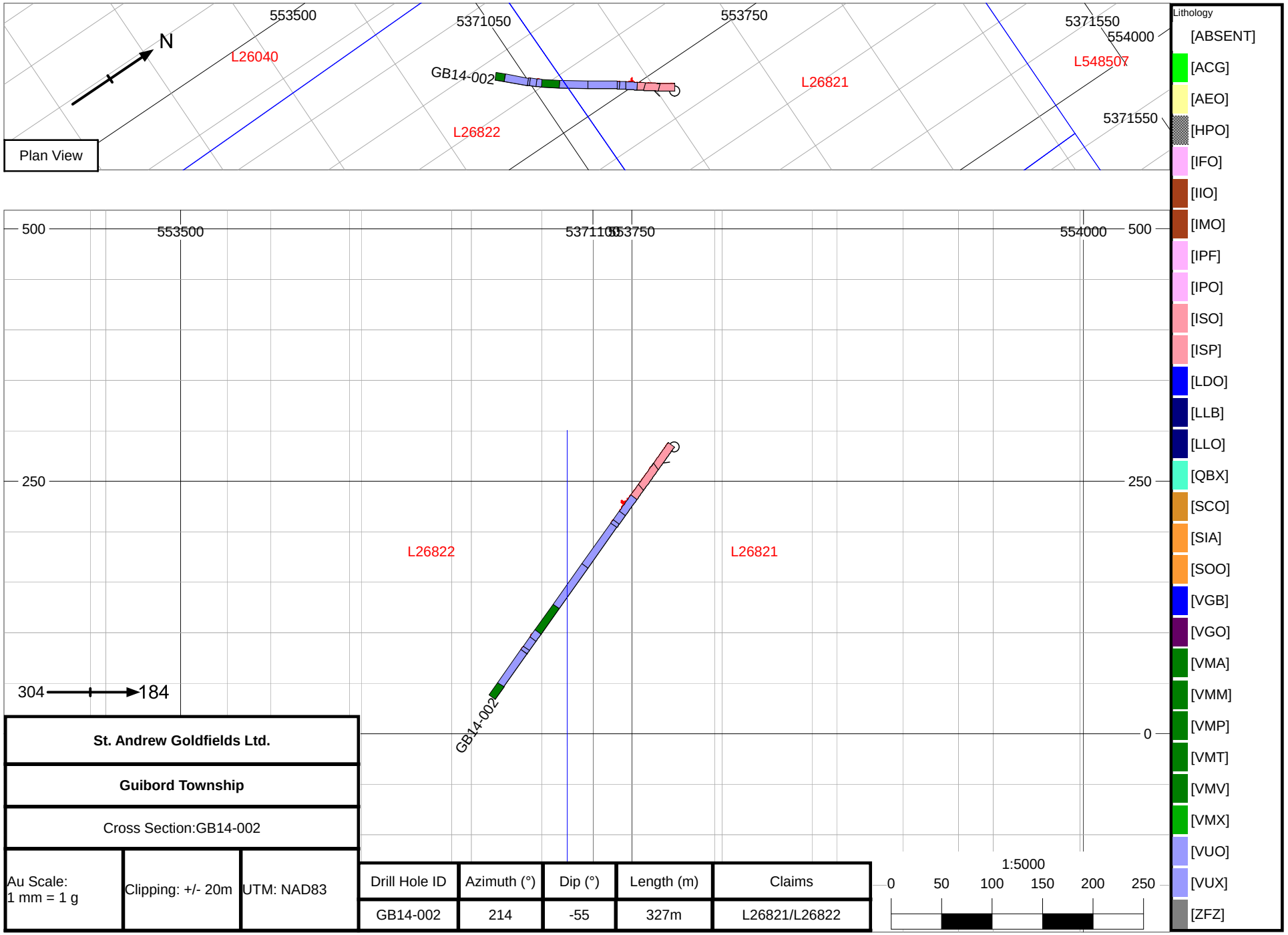
St. Andrew Goldfields Ltd.

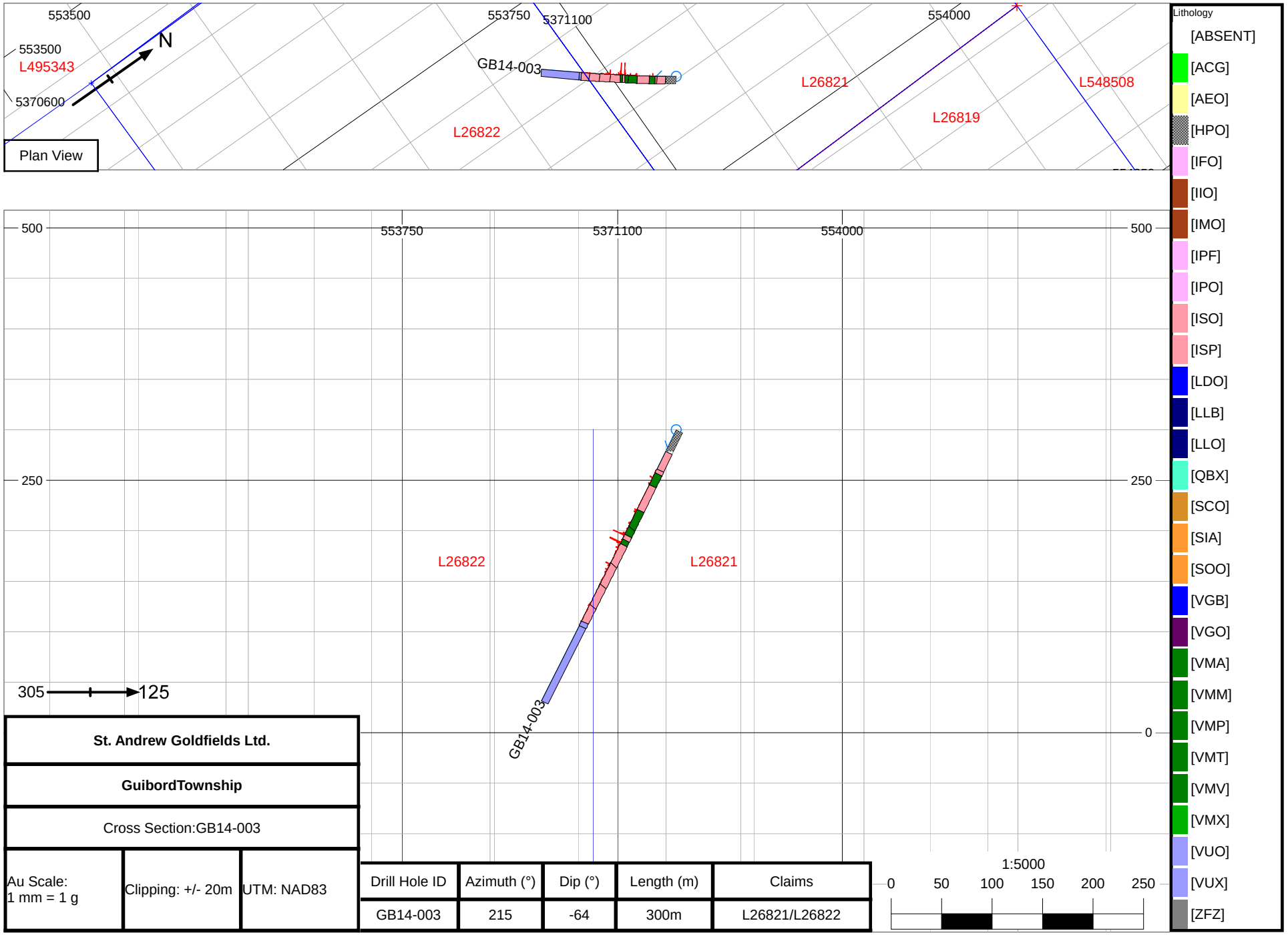
Guibord Township

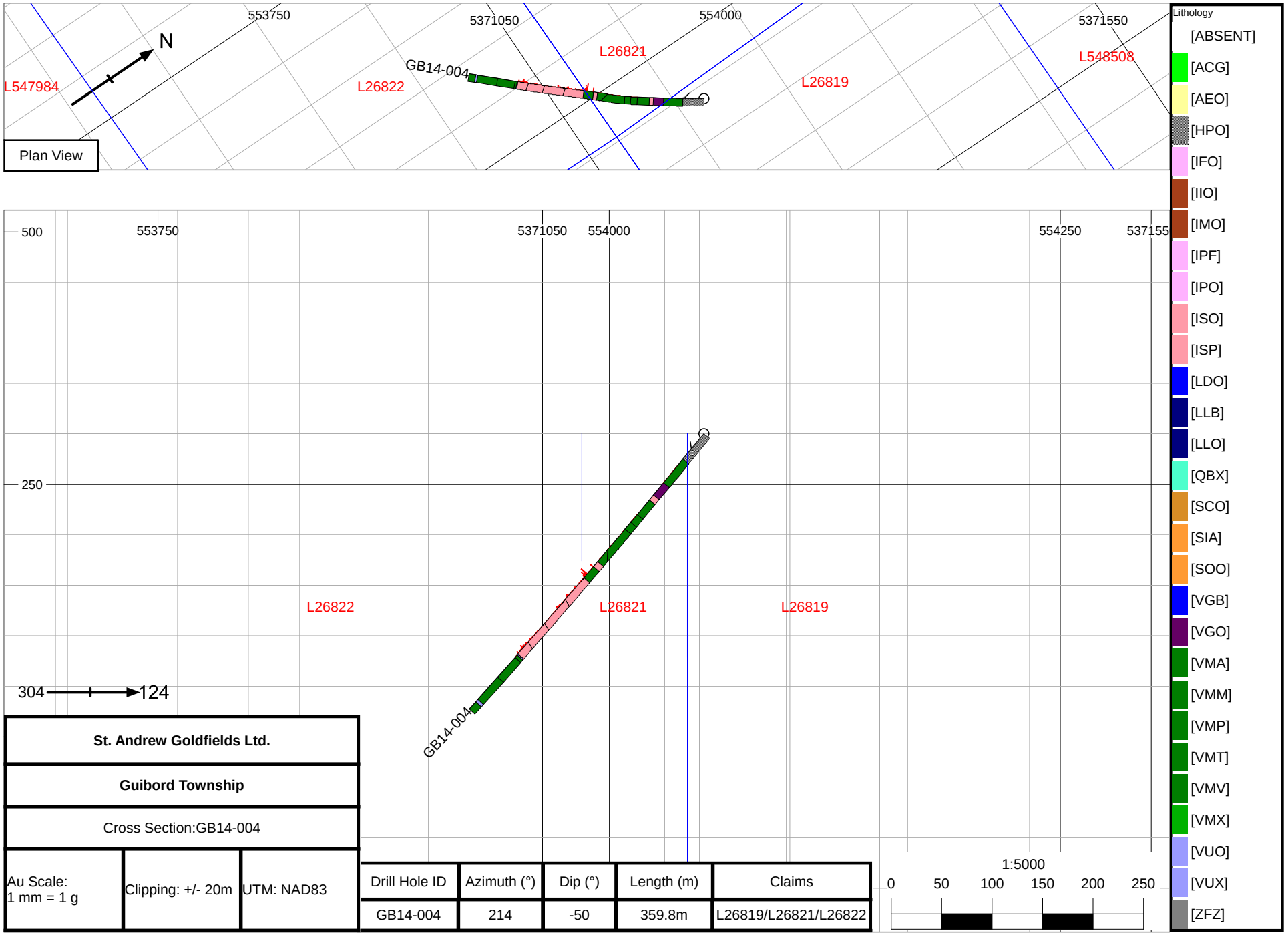
Cross Section: GB14-001

Au Scale: 1 mm = 1 g	Clipping: +/- 20m	UTM: NAD83

Drill Hole ID	Azimuth (°)	Dip (°)	Length (m)	Claims
GB14-001	210	-55	300m	L26821/L26040


Plan View
N
553500
5371050
553750
5371550
554000
L26040
GB14-002
L26821
L548507
L26822
5371550
500
553500
553750
554000
500
250
250
L26822
L26821
304
184
GB14-002
0
St. Andrew Goldfields Ltd.
Guibord Township
Cross Section:GB14-002
Au Scale:
1 mm = 1 g
Clipping: +/- 20m
UTM: NAD83
Drill Hole ID
Azimuth (°)
Dip (°)
Length (m)
Claims
GB14-002
214
-55
327m
L26821/L26822
1:5000
0
50
100
150
200
250
Lithology
[ABSENT]
[ACG]
[AEO]
[HPO]
[IFO]
[IIO]
[IMO]
[IPF]
[IPO]
[ISO]
[ISP]
[LDO]
[LLB]
[LLO]
[QBX]
[SCO]
[SIA]
[SOO]
[VGB]
[VGO]
[VMA]
[VMM]
[VMP]
[VMT]
[VMV]
[VMX]
[VUO]
[VUX]
[ZFZ]


553500
553500
L495343
5370600
N
Plan View
553750
5371100
554000
GB14-003
L26821
L548508
L26819
L26822
500
250
0
553750
5371100
554000
L26822
L26821
GB14-003
305
125
Lithology
[ABSENT]
[ACG]
[AEO]
[HPO]
[IFO]
[IIO]
[IMO]
[IPF]
[IPO]
[ISO]
[ISP]
[LDO]
[LLB]
[LLO]
[QBX]
[SCO]
[SIA]
[SOO]
[VGB]
[VGO]
[VMA]
[VMM]
[VMP]
[VMT]
[VMV]
[VMX]
[VUO]
[VUX]
[ZFZ]
St. Andrew Goldfields Ltd.
GuibordTownship
Cross Section:GB14-003
Au Scale:
1 mm = 1 g
Clipping: +/- 20m
UTM: NAD83
Drill Hole ID
Azimuth (°)
Dip (°)
Length (m)
Claims
GB14-003
215
-64
300m
L26821/L26822
1:5000
0
50
100
150
200
250



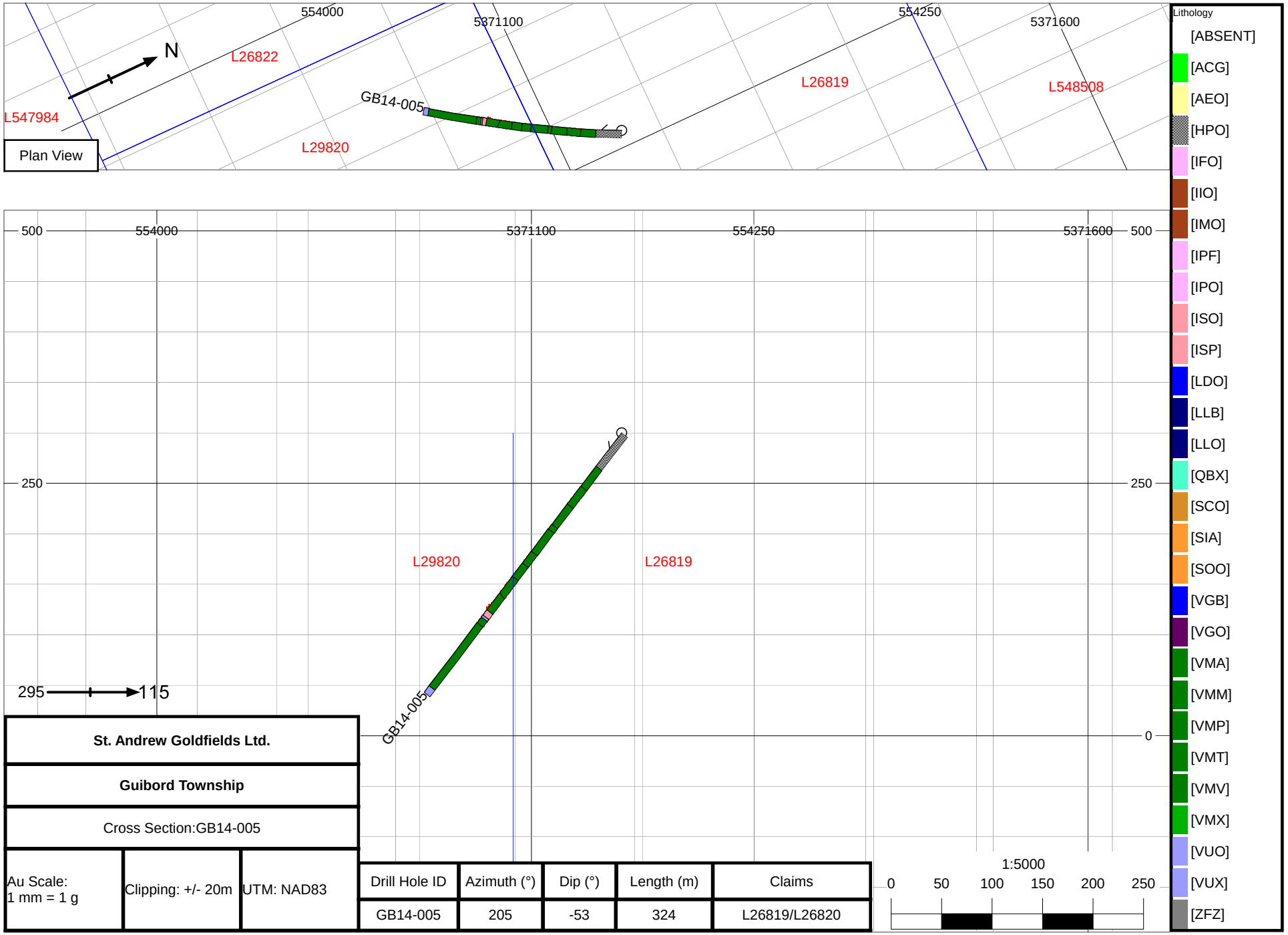
St. Andrew Goldfields Ltd.

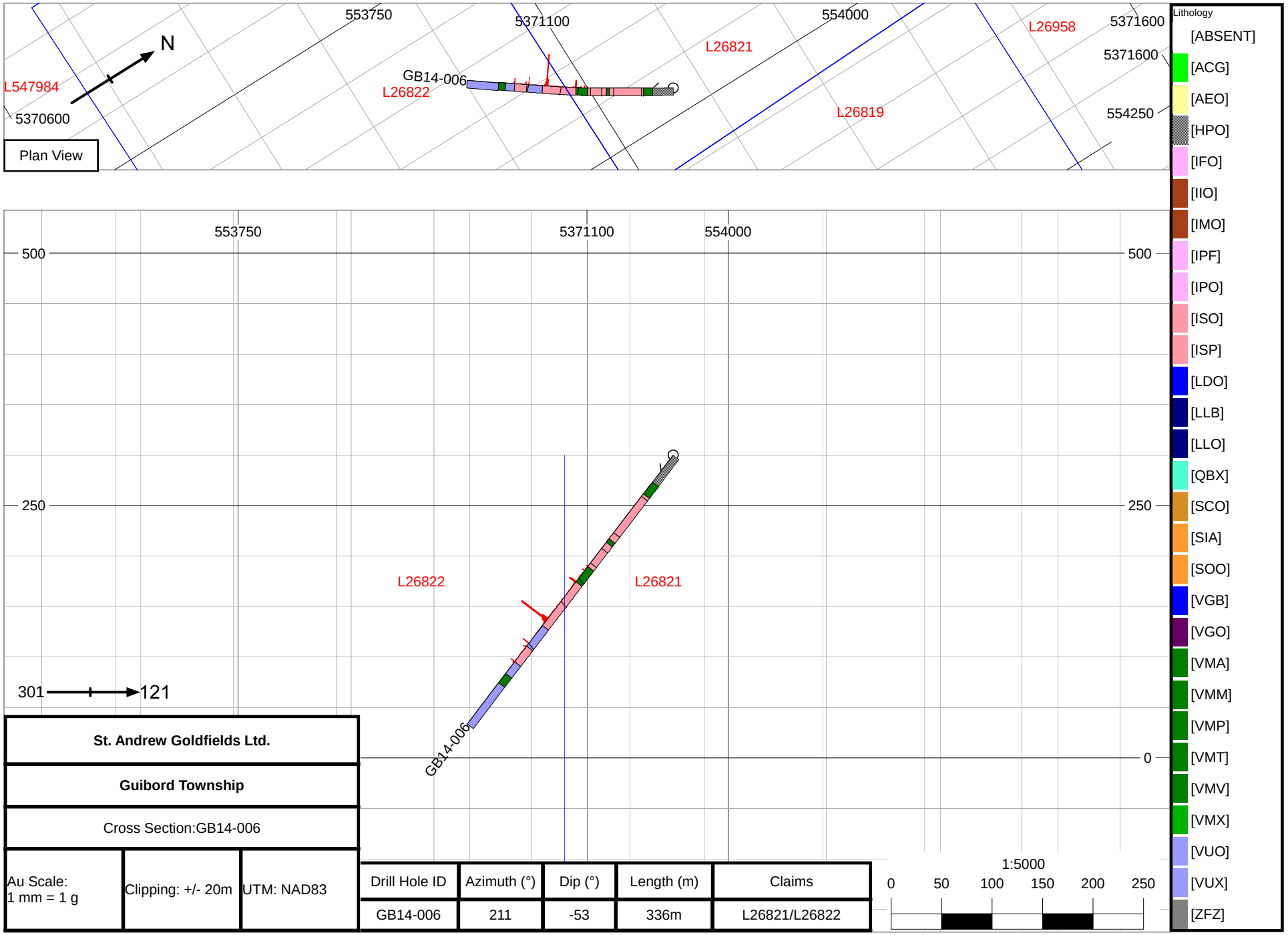
Guibord Township

Cross Section:GB14-004

Au Scale: 1 mm = 1 g	Clipping: +/- 20m	UTM: NAD83

Drill Hole ID	Azimuth (°)	Dip (°)	Length (m)	Claims
GB14-004	214	-50	359.8m	L26819/L26821/L26822


554000
5371100
554250
5371600
N
L26822
L26819
L548508
L547984
GB14-005
L29820
Plan View
500
554000
5371100
554250
5371600
500
250
250
L29820
L26819
295
115
GB14-005
0
Lithology
[ABSENT]
[ACG]
[AEO]
[HPO]
[IFO]
[IIO]
[IMO]
[IPF]
[IPO]
[ISO]
[ISP]
[LDO]
[LLB]
[LLO]
[QBX]
[SCO]
[SIA]
[SOO]
[VGB]
[VGO]
[VMA]
[VMM]
[VMP]
[VMT]
[VMV]
[VMX]
[VUO]
[VUX]
[ZFZ]
St. Andrew Goldfields Ltd.
Guibord Township
Cross Section:GB14-005
Au Scale:
1 mm = 1 g
Clipping: +/- 20m
UTM: NAD83
Drill Hole ID
Azimuth (°)
Dip (°)
Length (m)
Claims
GB14-005
205
-53
324
L26819/L26820
1:5000
0
50
100
150
200
250



St. Andrew Goldfields Ltd.

Guibord Township

Cross Section:GB14-006

Au Scale: 1 mm = 1 g	Clipping: +/- 20m	UTM: NAD83

Drill Hole ID	Azimuth (°)	Dip (°)	Length (m)	Claims
GB14-006	211	-53	336m	L26821/L26822

1:5000

0 50 100 150 200 250