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# SOIL SAMPLING REPORT

## ST. ANDREW GOLDFIELDS

### PROPERTIES

Coin Lake (Holloway Township)

Cook (Cook Township)

Garrison (Garrison Township)

Guibord (Guibord Township)

Marriott & Marriott West (Marriott Township)

Thackeray (Thackeray Township)

Ontario, Canada Larder Lake Mining  
Division

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## Introduction

The objective of the soil geochemistry surveys was to identify chemical anomalies in soils resulting from the upward vertical migration and accumulation of chemical elements derived from the underlying bedrocks in order to find new Au mineralization along the Porcupine-Destor Fault Zone in the Townships of Holloway, Cook, Garrison, Guibord, Marriott and Thackeray.

## St. Andrew Goldfield Ltd. Exploration Summary

Within St. Andrew Goldfields (SAS) extensive land package extending over a linear distance of approximately 120 kilometers east of Timmins, Ontario and up to the Quebec border, SAS has the opportunity to uncover exciting new targets which could become producers of the future.

Although this area is host to numerous gold mines, thick glacial overburden provides many challenges for exploration, often masking many of the gold mines; and as such, it is believed that many more gold deposits are yet to be discovered in this region as exploration continues.

Previous exploration has identified numerous zones of gold mineralization that occur either within the Porcupine-Destor Fault Zone ("PDFZ") or in sub-parallel fault splays. The gold mineralization appears to be concentrated in zones of greater dilatancy, which have provided "pathways" for gold-bearing fluids to travel. Gold mineralization is typically concentrated where geologic structures crosscut rocks of varying chemical and physical properties that often behave as "traps" for the gold-bearing fluids. (<http://www.sasgoldmines.com/s/RegionalGeology.asp>)

## Land Position

Due to limited outcropping SAS completed the following geochemical surveys over parts of their properties situated in Holloway, Cook, Garrison, Guibord, Marriott and Thackeray Townships. The properties are labeled as; Coin Lake Property in Holloway Township, Cook Property in Cook Township, Garrison Property in Garrison Township, Guibord Property in Guibord Township, Marriott and Marriott West Properties in Marriott Township and Thackeray Property in Thackeray Township.

The Properties land tenure classification includes patented, leased and unpatented mining claims.



★ **St. Andrew Goldfields Property Location Map in Ontario**

Figure 1. SAS Projects Area

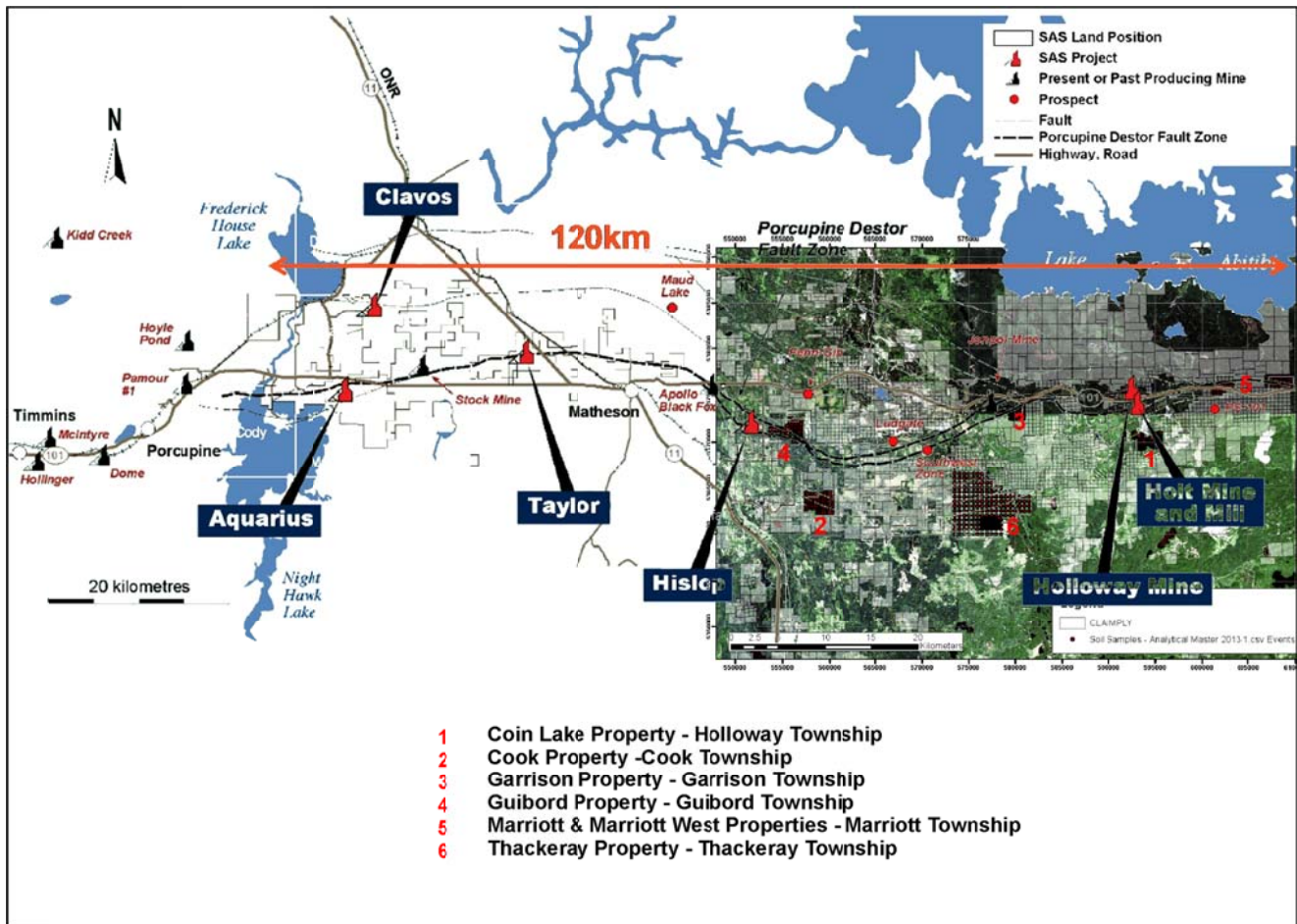


Figure 2. SAS Properties Location Map

## Summary of Sampling Survey

The geochemical sampling survey was completed within the frost free period of 2013. The geochemical surveys grid spacing for all the survey areas (Properties) were property specific. Phase 1 sampling was on a wider grid spacing averaging 100 – 250 metres with any follow up Phase 2 sampling being carried out on a 50 – 100 meter grid, including the twinning of some sample locations, if assay results warranted.

Exsics Exploration Ltd., of Timmins Ontario completed the soil sampling program which was supplied by SAS. Exsics Exploration Ltd. owner operators name is John Grant. The "B" horizon below the organic "A" soil horizon was the primary material for sampling. At the time of preparing this report SAS have nothing in terms of a written guideline or procedure on the sampling, however are certain that all samples were collected as was outlined in their discussions with Mr. Grant. (*John McKenzie, Senior Geology Technician, 489 MacDougal Ave. P.O Box 249, Matheson On. POK 1N0, Canada*).

If the "B" horizon could not be sampled due to water or cultural then no sample was taken. Test pits from previous geochemical surveys concluded that the optimum depth of "B" horizon testing within the PDFZ is 20 centimeters. Overall the field sample collection locations did not vary from the grid spacing mentioned other than the Thackeray Project area being the only exception. In all, 1,725 till samples (presumably) from the "B" soil horizon were taken at a depth "consistently" of 18 – 20 centimeters of which more or less aligned to the UTM fabric using Garmin GPS units.

Stainless steel augers were used and samples placed into plastic bags and shipped to Actlabs in Ancaster Ontario.

The analytical method selected by SAS was FAAA/ICP-OES. Samples were taken depending on terrain and other features that may have inhibited sampling to be “spot-on”. The coordinate data was recorded in North American Datum 83 (NAD83), and all samples are within UTM Zone 17.

## Analytical Methods

### 1A2-ICP - Au Fire Assay - ICP

#### Fire Assay

A 30 g sample is applied for rock pulps, soils or sediments (exploration samples). The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with Ag added as a collector and the mixture is placed in a fire clay crucible, the mixture is preheated at 850°C, intermediate 950 °C and finish 1060 °C, the entire fusion process should last 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead button at the base of the mould. The lead button is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the Ag (doré bead) + Au.

#### ICP-OES

The Ag doré bead is digested in hot (95°C) HNO<sub>3</sub> + HCl. After cooling for 2 hours the sample solution is analyzed for Au by ICP-OES using a Varian 735 ICP.

#### Code 1A2-ICP (Fire Assay-ICP-OES) Detection Limits (ppb)

Element	Detection Limit	Upper Limit
Au	5	30,000

### ME-MS61 - Total Digestion - ICP-OES & ICP-MS

ME-MS61 combines the 4-acid digestion (HF, HClO<sub>4</sub>, HNO<sub>3</sub> and HCl) with analysis by ICP and ICP-MS. Resistate minerals are not digested.

#### Total Digestion – ICP-OES Portion

A 0.25 g sample is digested with four acids beginning with hydrofluoric, followed by a mixture of nitric and perchloric acids, heated using precise programmer controlled heating in

several ramping and holding cycles which takes the samples to incipient dryness. After incipient dryness is attained, samples are brought back into solution using aqua regia.

With this digestion certain phases may be only partially solubilized. These phases include zircon, monazite, sphene, gahnite, chromite, cassiterite, rutile and barite. Ag greater than 100 ppm and Pb greater than 5000 ppm should be assayed as high levels may not be solubilized. Only sulphide sulfur will be solubilized.

The samples are then analyzed using a Varian ICP-OES. QC for the digestion is 14% for each batch, 5 method reagent blanks, 10 in-house controls, 10 sample duplicates, and 8 certified reference materials. An additional 13% QC is performed as part of the instrumental analysis to ensure quality in the areas of instrumental drift.

### Total Digestion – ICP-MS Portion

Additional elements are determined by ICP-MS on the multi-acid digest solution above. The samples are diluted and analyzed on a Perkin Elmer Sciex ELAN 6000, 6100 or 9000 ICP-MS. One blank is run for every 40 samples. In-house control is run every 20 samples. Digested standards are run every 80 samples. After every 15 samples, a digestion duplicate is analyzed. Instrument is recalibrated every 80 samples.

#### Code ME-MS61 Elements and Detection Limits (ppm)

Element	Detection Limit	Upper Limit	Reported By	Element	Detection Limit	Upper Limit	Reported By
Ag	0.01	100	ICP&ICP/MS	Na	0.01%	10%	ICP
Al	0.01%	50%	ICP	Nb	0.1	500	ICP/MS
As	0.2	10,000	ICP/MS	Ni	0.2	10,000	ICP/MS
Ba	10	10,000	ICP/MS	P	10	10,000	ICP
Be	0.05	1,000	ICP/MS	Pb	0.5	10,000	ICP/MS
Bi	0.01	10,000	ICP/MS	Rb	0.1	10,000	ICP/MS
Ca	0.01%	50%	ICP	Re	0.002	50	ICP/MS
Cd	0.02	1,000	ICP/MS	S	0.01%	10%	ICP
Ce	0.01	500	ICP/MS	Sb	0.05	10,000	ICP/MS
Co	0.1	10,000	ICP/MS	Sc	0.1	10,000	ICP
Cr	1	10,000	ICP/MS	Se	1	1,000	ICP/MS



Cs	0.05	500	ICP/MS	Sn	0.2	500	ICP/MS
Cu	0.2	10,000	ICP/MS	Sr	0.2	10,000	ICP/MS
Fe	0.01%	50%	ICP	Ta	0.05	100	ICP/MS
Ga	0.05	10,000	ICP/MS	Te	0.05	500	ICP/MS
Ge	0.05	500	ICP/MS	Th	0.2	10,000	ICP/MS
Hf	0.1	500	ICP/MS	Ti	0.0005%	10%	ICP
In	0.005	500	ICP/MS	Tl	0.02	10,000	ICP/MS
K	0.01%	10%	ICP	U	0.1	10,000	ICP/MS
La	0.5	10,000	ICP/MS	V	1	10,000	ICP/MS
Li	0.2	10,000	ICP/MS	W	0.1	10,000	ICP/MS
Mg	0.01%	50%	ICP	Y	0.1	500	ICP/MS
Mn	5	100,000	ICP	Zn	2	10,000	ICP/MS
Mo	0.05	10,000	ICP/MS	Zr	0.5	500	ICP/MS

## Summary of Timmins Regional Geology (SAS Projects Area)

St. Andrew Goldfield Inc. properties in Timmins are centrally located in the Abitibi Greenstone Belt ("Abitibi Belt"), in the Superior Province of the Canadian Shield. The Abitibi Belt is the largest Archean (i.e. greater than 2.5 billion years old), belt of its kind in the world, and is also one of the most prolific in terms of mining production. It is a 750 kilometer long by 250 kilometer wide belt of deformed and metamorphosed volcanic and sedimentary rocks and granitoid batholiths ranging in age from approximately 2,745 to 2,680 Ma (Ma is defined as millions of years).

The major structural features in the area are the PDFZ and the Pipestone Fault. Gold deposits are commonly localized within and proximal to the PDFZ along its 450 kilometer length west of Timmins through to the Matheson area and eastward beyond the Val d'Or area of Québec. The fault zone was recognized in the early 1900's with the discovery of the gold deposits in the Timmins area (see "History of Timmins"). Numerous gold deposits occur in the vicinity of the PDFZ and related structures such as the Pipestone Fault. These include the major mines of the Timmins camp, such as the Dome, Hollinger, McIntyre, Pamour and Hoyle Pond mines.

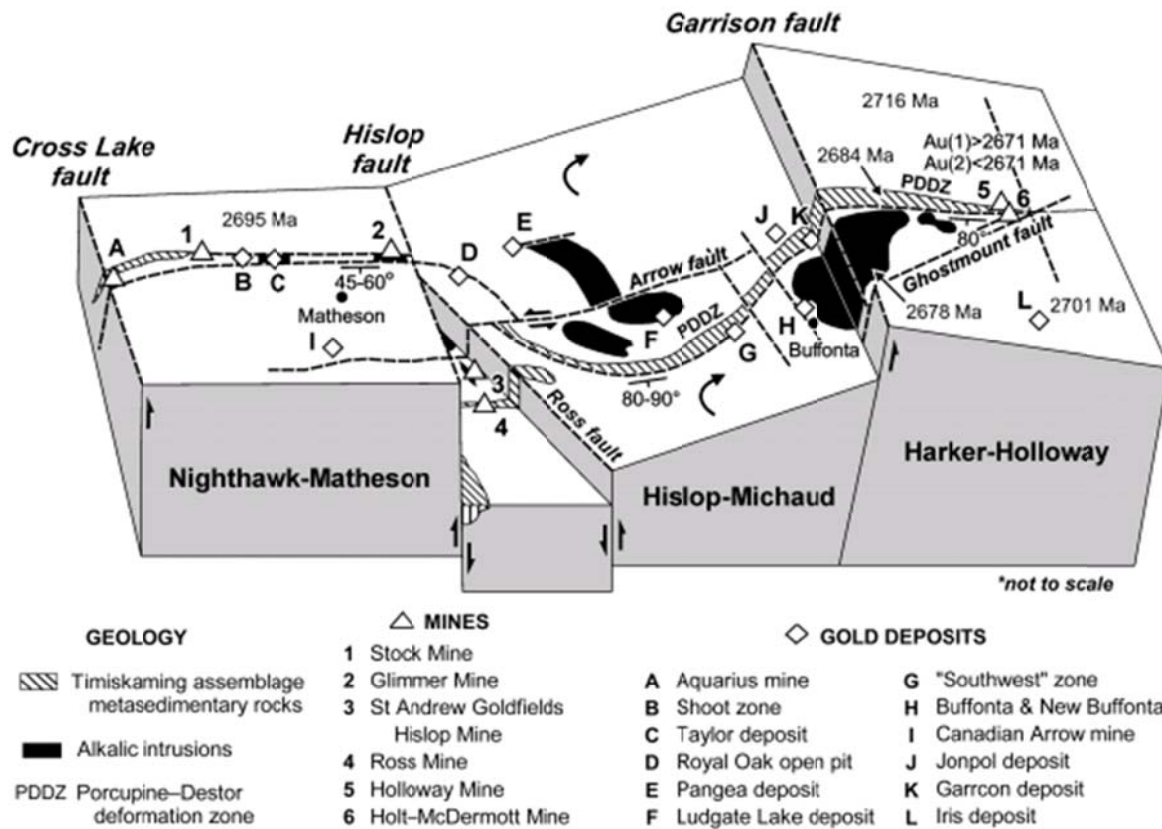


Figure 3. . Inferred movement on segments in the Highway 101 area

(Berger, B.R. 2002. Geological synthesis of the highway 101 area, east of Matheson, Ontario; Ontario Geological Survey, Open File Report 6091, 72p.)

Deposit types and exploration models can generally be characterized as one of three main types, although they tend to merge with each other at times. The different deposit types may have more to do with the different host rocks than a genetic difference. Proximity to the main break(s), associated splays, presence of hydrothermal alteration, Timiskaming sediments or high level porphyries are common to all. The three main types are as follows:

- **Green Carbonate Hosted:** Nighthawk Lake, Aquarius, Stock, West Porphyry and Glimmer all fall into this classification. Gold is generally present as free gold in quartz veins or with disseminated sulfides associated with small intrusive rocks or albitic alteration in completely carbonate altered ultramafic flows. Carbonate alteration is up to 200 m wide and can be traced for thousands of metres discontinuously on strike. The gold is often in cross cutting or conformable features. Timiskaming conglomerates are often proximal or part of the package.
- **Felsic Intrusive Related:** Ronnoco, Pominex, parts of the Taylor Shaft and Hislop are examples of this type. The intrusive rocks vary from feldspar (plus or minus quartz) porphyry in the west to more syenitic in the east. Mineralization is characterized by both thin cross cutting to stockwork quartz veins to disseminated sulfides to more contact skarns or hornfels, depending on host rock. Carbonate alteration is still quite common in the host rocks with silica, sericite and hematite more within the intrusive.
- **Mafic Volcanic Hosted:** Harker-Holloway, Holt-McDermott and Hoyle Pond are examples. Ubiquitous carbonate alteration with iron carbonate, albite, silicification and sericite more

proximal to ore. Quartz veins and/or albitized variolitic mafic flows are often central to the zone and often found near the mafic/ultramafic contact.

Along the PDFZ, over 110 million ounces of gold have been produced. A similar structure to the south, namely the Larder Lake Cadillac Fault Zone, extends west of Kirkland Lake to Cadillac with gold production in this area totaling approximately 70 million ounces of gold.

(<http://www.sasgoldmines.com/s/RegionalGeology.asp>)

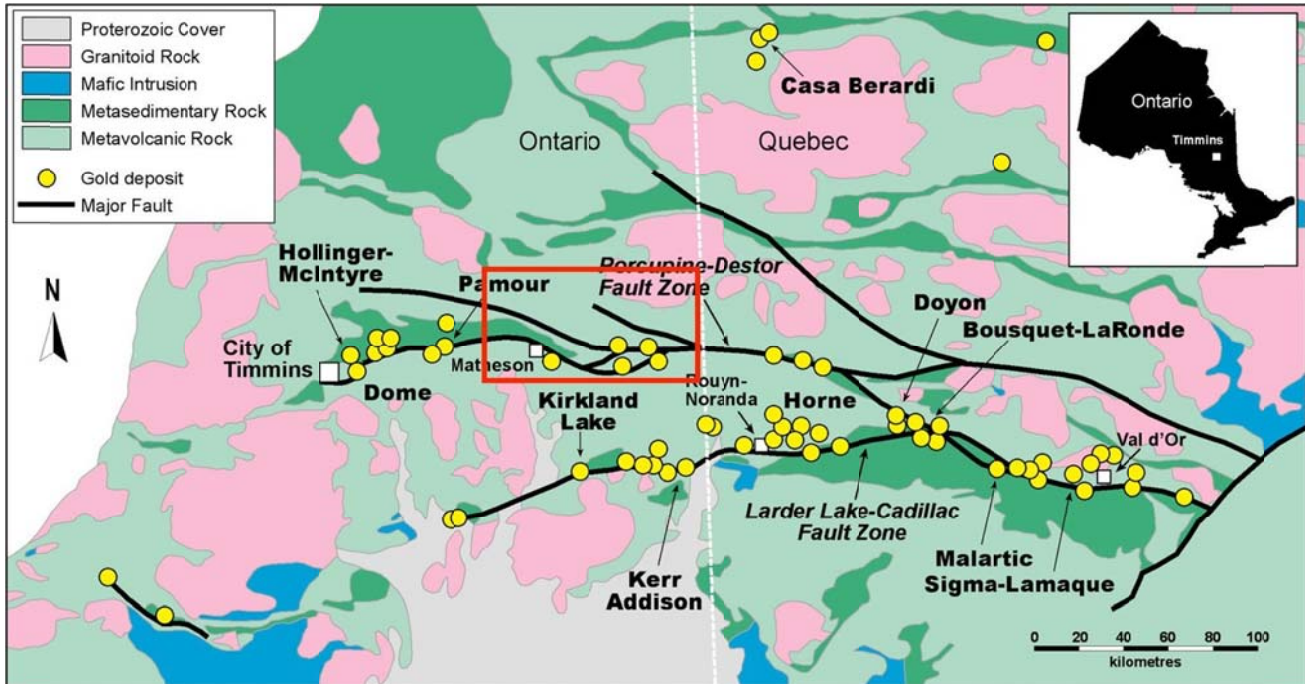


Figure 4. Regional Geology – SAS, Projects Area within Red Outline

The Abitibi Greenstone Belt consists of an east-west trending belt of volcanic and sedimentary rocks. This is the largest continuous Archean greenstone belt in the Canadian Shield. The Abitibi Greenstone Belt is located in the southwestern part of the Superior tectonic province and is truncated east and west by the Grenville Front and the Kapuskasing Structure respectively.

Most of the gold deposits lie in intermediate to felsic volcanic rocks, their intrusive equivalents or associated clastic or exhalative sediments, and mostly at the margins of the volcanic complexes. These deposits have traditionally been associated with shear or fault zones. The two major faults in the area, the Porcupine-Destor and the Larder Lake are the prominent structural discontinuities in the rock of the Timmins-Kirkland Lake area. These two easterly trending faults are cut and offset to the west by many northerly trending faults. The Porcupine-Destor "Break" extends in an east northeasterly to easterly direction.

It is felt that the fault provided a fissure through which ultramafic magma moved from a zone in the mantle. Porcupine sediments occur predominantly north of and along the Porcupine Destor Fault. These consist mainly of interlaying greywacke, siltstone and lesser conglomerates from part of the turbidite sequence. The Porcupine syncline was one of the younger folds to develop.

The North Tisdale and Kayorum synclines and the Central Tisdale and Vipond anticlines, created earlier, refolded around the Porcupine syncline. Early folds resulted from a regional north-south compression while the Porcupine syncline is a result of a left-handed couple acting in a southwest to northeast direction.

# Summary of Surficial Geology

## Quaternary

### Pleistocene and Holocene

The surficial Quaternary geology is summarized by Vagners (1985), Vagners and Courtney (1985), Baker (2000), and Baker, Seaman and Steele (1980). Aerially extensive deposits of glaciolacustrine clay and organic deposits cover much of the area. The large Munro esker, glaciofluvial outwash and reworked eolian sand dunes occur in the central part of Michaud Township (Baker 2000).

The paleotopography is quite varied and overburden thickness varies from none to greater than 90 m. Three till horizons are recognized, with the oldest till preserved only in the deepest topographic basins (McClenaghan 1991). The Matheson till is the youngest till in the area. It is aerially extensive, varies from 1 to greater than 30 m thick and is characterized by grey silt and sand with 5 to 15% clasts composed mostly of mafic metavolcanic rocks from proximal sources (McClenaghan 1991). South to southeast ice flow directions are indicated by glacial striations oriented between 150 and 190° in the map area. In Hislop Township, striae oriented 190° consistently transect striae oriented between 150° and 160°. The 2 older tills vary from 1 to 20 m thick, are dark grey to greenish and contain an average of 13% carbonate (McClenaghan 1991).

Proximal and distal varved clay, from 1 to 15 m thick, of the Barlow-Ojibway Formation overlies the Matheson till in the west part of the study area. Sand, gravel and loess of the Munro esker and its reworked members cover large parts of Michaud Township and barcan dunes up to 10 m high are a common physiographic feature (Satterly 1948).

Holocene deposits consist of swamp, lake, river and wetland deposits. Rivers such as the Ghost River in Harker Township have incised banks up to 10 m high, however, many small creeks are narrow with little or no erosion of the overburden. Extensive swamp and minor peatland occurs throughout the area. (Berger, B.R. 2002. *Geological synthesis of the highway 101 area, east of Matheson, Ontario*; Ontario Geological Survey, Open File Report 6091, 57p.)

## Properties Description, Access, Claim(s) Data and Sampling

## Coin Lake Property - Holloway Township

### Access:

The Coin Lake Property is located approximately 56 kilometers northeast of Kirkland Lake, in Holloway Township, Larder Lake Mining Division, and District of Cochrane, Ontario. Access is obtained by motor vehicle via Highway 101 east from Highway 11 or north off Highway 672 between Kirkland Lake and Larder Lake. Continue north to Highway 101, then east for approximately six (6) kilometers to the SAS, Holt Mine site access road on south side of Highway 101. The project area is centered approximately three (3) kilometers south from this point of the highway.

### Claims and leases the soil sampling was performed in:

CLM 346, L7135, L7220, L7221, L7241, L7242, L7248, L588478, L588534, 588559, 588560, 588563, 588564, 588569, 588570

### Number of samples:

278

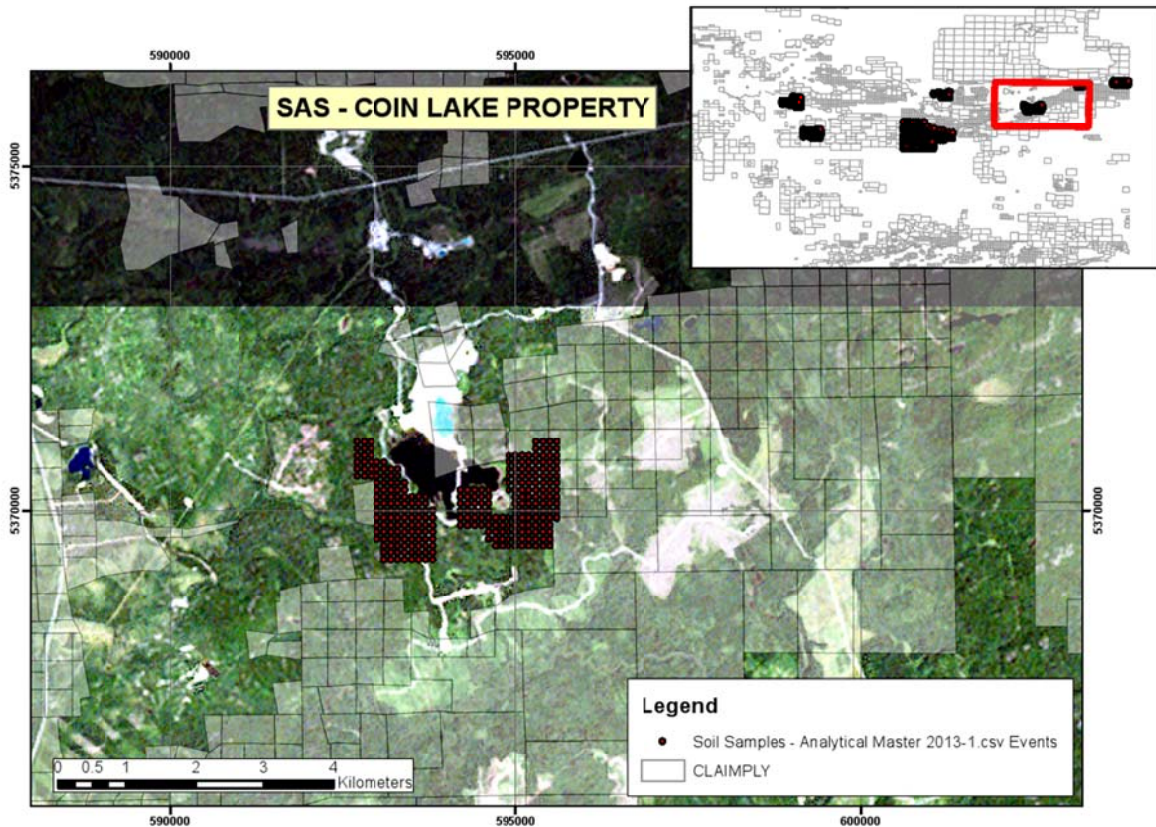


Figure 5. Coin Lake Property

## Cook Property - Cook Township

### Access:

The Cook Property is located approximately 84 kilometers east from the city of Timmins, in Cook Township, Larder Lake Mining Division, and District of Cochrane, Ontario. Access is obtained by motor vehicle via Highway 101 east from Timmins for approximately 84 kilometers. Turn east onto Regional Road 572, turn south onto Ferguson Avenue and travel south, turn west onto Lava Mountain Road, cross the Black River. Continue east to Talbock Lake and continue on Lava Mountain Road to access the west part of the property.

### Claims the soil sampling was performed in:

3001360, 3001935, 3002870, 3000607, 3001859, 3011303 and 3001936

### Number of samples:

102

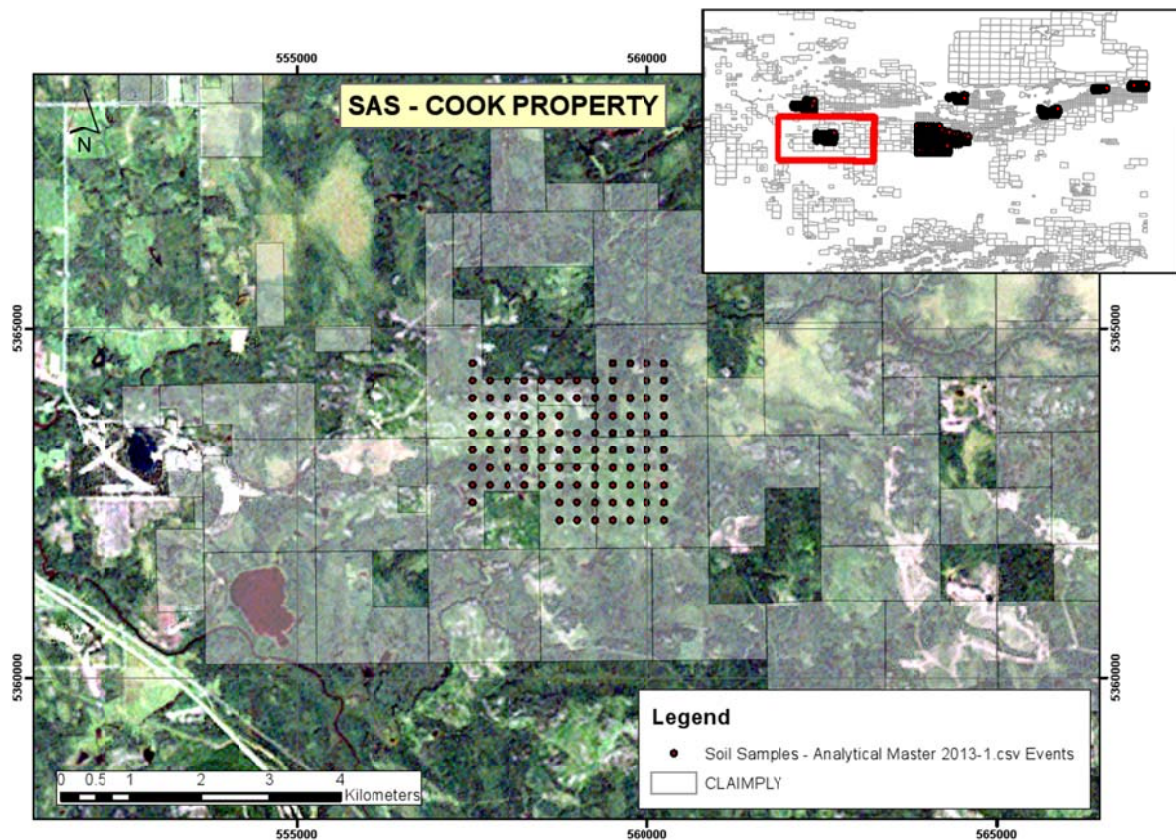


Figure 6. Cook Property

## Garrison Property - Garrison Township

### Access:

The Garrison Property is located approximately 69 kilometers east from the city of Timmins, via the 101 Highway to Matheson, then 41 kilometers to Garrison Township, Larder Lake Mining Division, and District of Cochrane, Ontario. The centre of the survey area near this location (NAD83) UTM: Zone 17, 580049m E, 5373486m N on the south side of Highway 101 is gained by a series of forest haul roads.

### Claims the soil sampling was performed in:

1240834, 1193851, 3013807, 1199408, 1206755, 1206756, 1240833 and 1193851

### Number of samples:

356

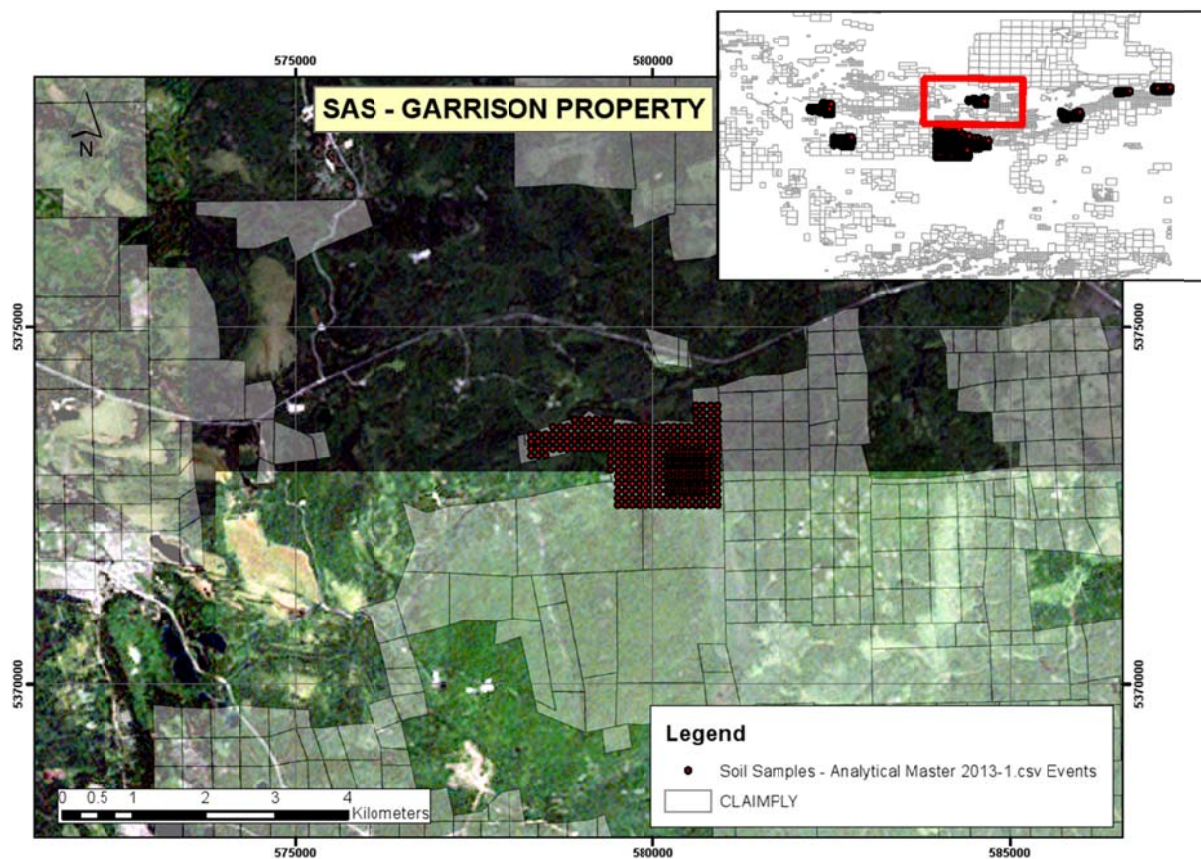


Figure 7. Garrison Property



# Guibord Property - Guibord Township

## Access:

The Guibord Property is located approximately 69 kilometers east from the city of Timmins, via the 101 Highway to Matheson, then 17 kilometers to Guibord Township, Larder Lake Mining Division, and District of Cochrane, Ontario. The centre of the survey area near this location (NAD83) UTM: Zone 17, 556067m E, 5371665m N on the south side of Highway 101 is gained by a forest haul road. Turn south onto the haul road at location (NAD83) UTM: Zone 17, 556443m E, 5375555m N. Travel south approximately 3.5 kilometers to access the north part of the sample grid.

## Patents and claims the soil sampling was performed in:

L26821, L26822, L26819, L26820, L36543, L36544, L36496, L36881, L36724, L36725, L36726, L36634, L36635, L36636, L15474, L11369, L14647, L14648, L14649, L14650, L15483, L15484, L14651, L11370, L15475, L15476, L15485, L15477, L15480, L15478, L15481, 1205710

## Number of samples:

402

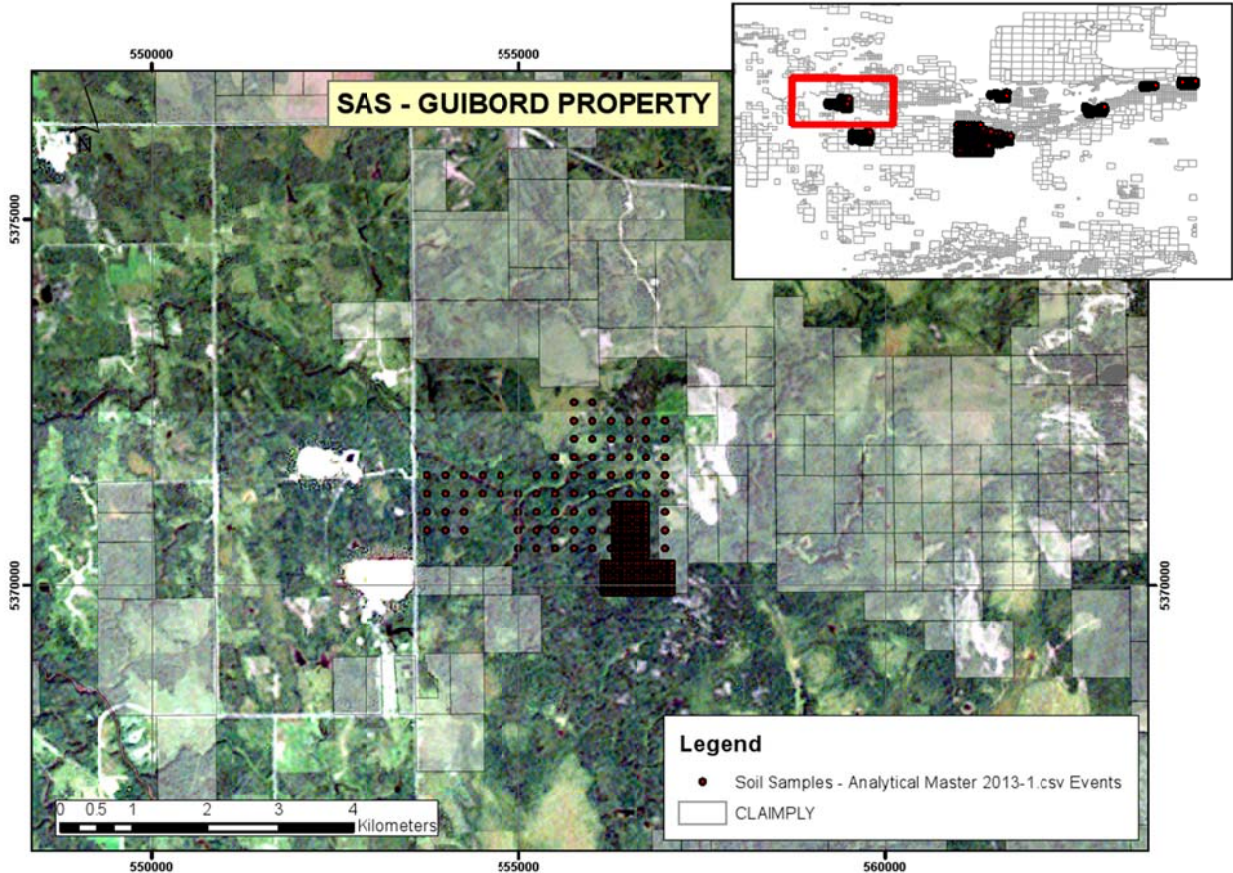


Figure 8. Guibord Property

## Marriott and Marriott West Properties - Marriott Township

### Access:

The Marriott West Property is located immediately north of the 101 Highway, approximately 1 – 1.5 kilometers west of the Ontario and Quebec border, in Marriott Township, Larder Lake Mining Division, and District of Cochrane, Ontario. Access is obtained by motor vehicle via Highway 101 east.

The Marriott Property is located immediately north and south of the 101 Highway, approximately 7 – 7.5 kilometers west of the Ontario and Quebec border, in Marriott Township, Porcupine Mining Division, and District of Cochrane, Ontario. Access is obtained by motor vehicle via Highway 101 east.

### Claims and Patents the soil sampling was performed in:

678842, 678845, 678851, 678853, 678855, 678854, 682801, 682802, 682803, 682804, 663933, 663934, 663935, 663936, 663925, 663926, 663927, 663928 and L43094-96, L43085-87.

### Number of samples:

Marriott 175

Marriott West 29

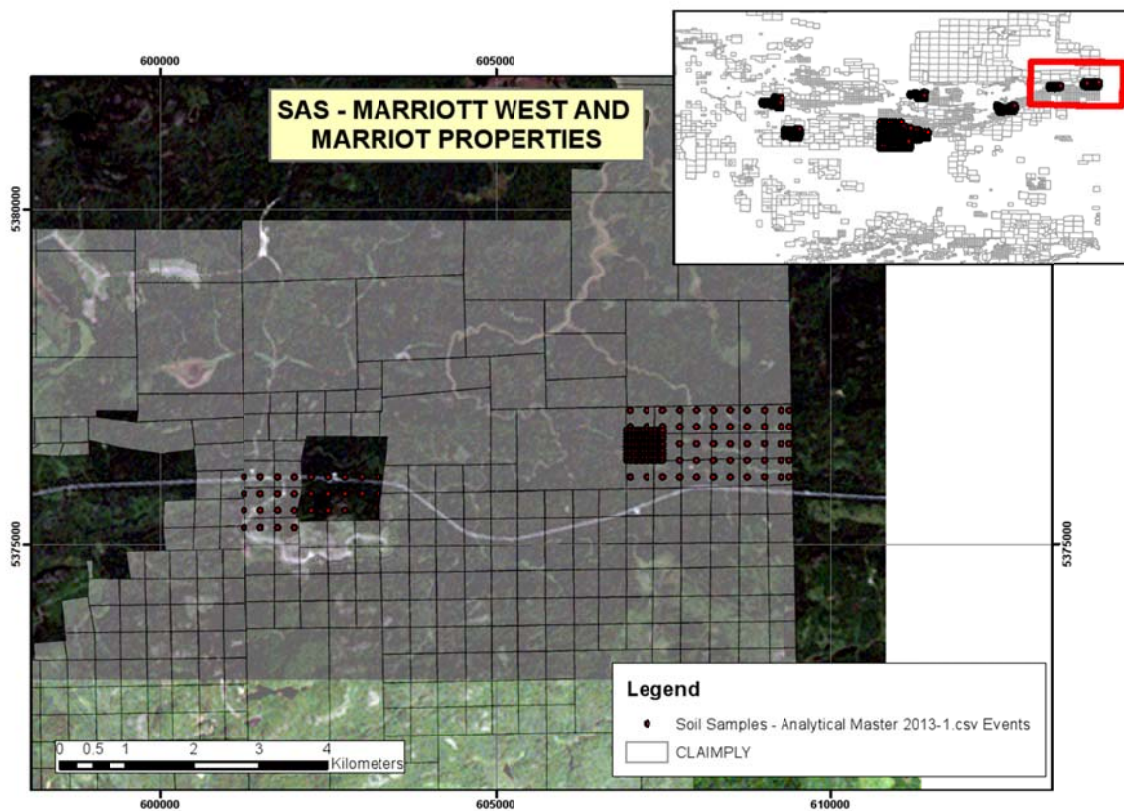


Figure 9. Marriott and Marriott West Properties

## Thackeray Property - Thackeray Township

### Access:

The Thackeray Property is located approximately 69 kilometers east from the city of Timmins, via the 101 Highway to Matheson, then 35 kilometers to Thackeray Township, Larder Lake Mining Division, and District of Cochrane, Ontario. The centre of the survey area near this location (NAD83) UTM: Zone 17, 576366m E, 5363590m N on the south side of Highway 101 is gained by a series of forest haul roads. Turn south onto the major haul roads at this location travel 8 kilometers to access the north part of the sample grid.

### Claims the soil sampling was performed in:

4213663, 3001364, 3001373, 1199880, 3001365, 3001372, 3001371, 1199877, 3001366, 3001367, 3001368, 3001369, 1199876, 1199875, 1199874, 1199873, 1199872, 1199867, 4213661, 1199869, 4269189, 1199870, 1248850 and 119871

### Number of samples:

383

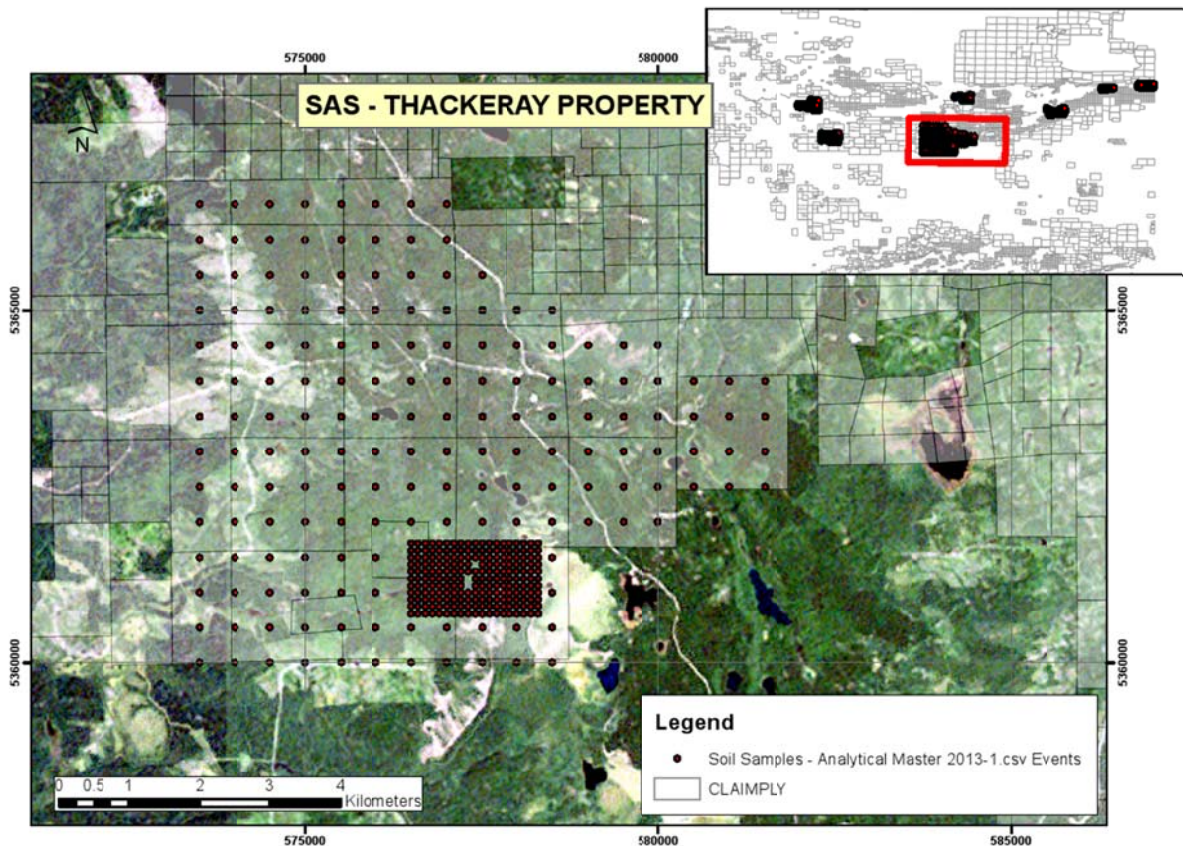


Figure 10. Thackeray Property

## Conclusion

SAS Soil Sampling Project is considered a technical success. Initial sampling in Phase 1 resulted in numerous favourable anomalous gold areas and justified higher density sampling in Phase 2. Phase 2 surveys results identified numerous highly prospective exploration areas.

# Statement of Qualifications

Submitted By:


John McKenzie

September 14, 2015

**Statement of Qualifications**

- I (John McKenzie) currently reside at 313 Vimy Ave. Timmins On. P4N 4H3
- This report is being submitted on behalf of St. Andrews Goldfields Ltd. For whom I am an assigned agent.
- I have no interests either directly or indirectly nor do I expect to receive any in the future in regards to the Brett-Tretheway Property.
- I am a Graduate of Cambrian College's Geological Technician Program.
- I have completed my Mining Act Awareness Program and have been assigned the verification number 4EC3-6704-542E-AF12.

September 14, 2015

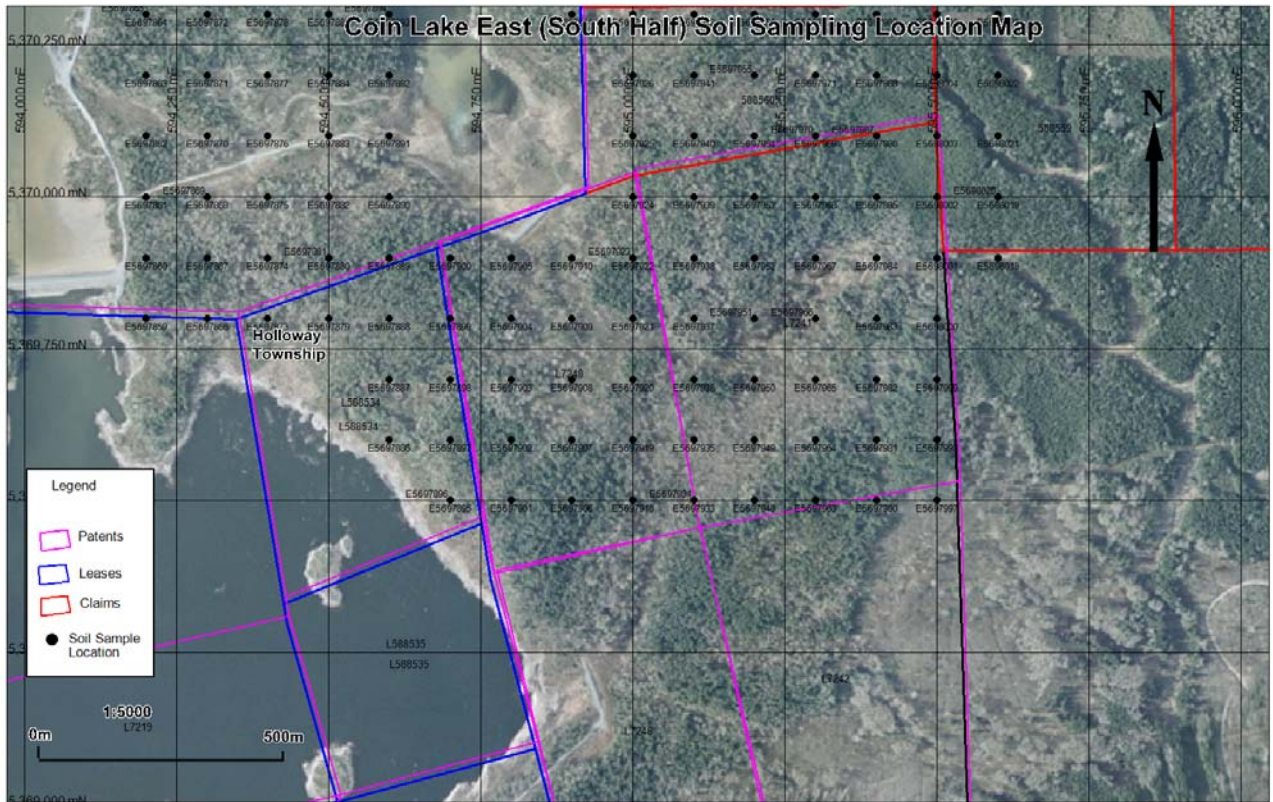
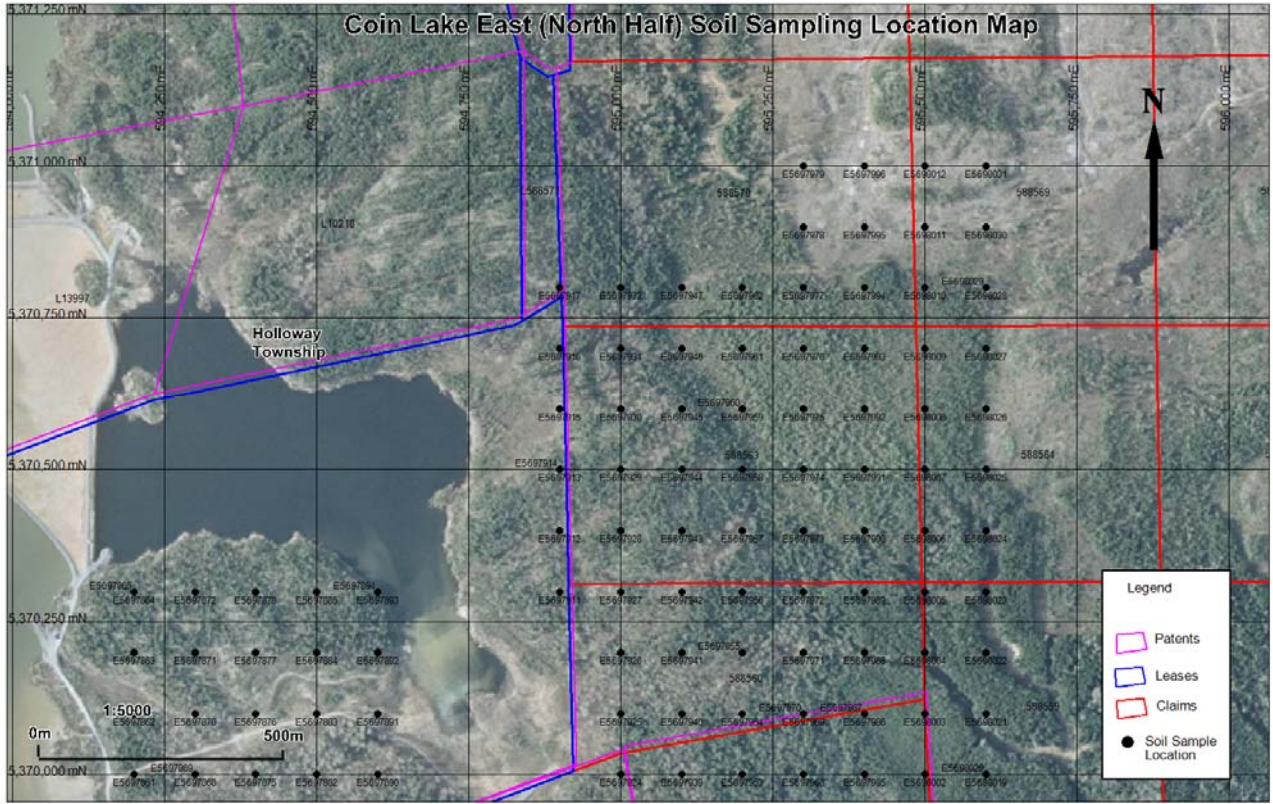


John McKenzie

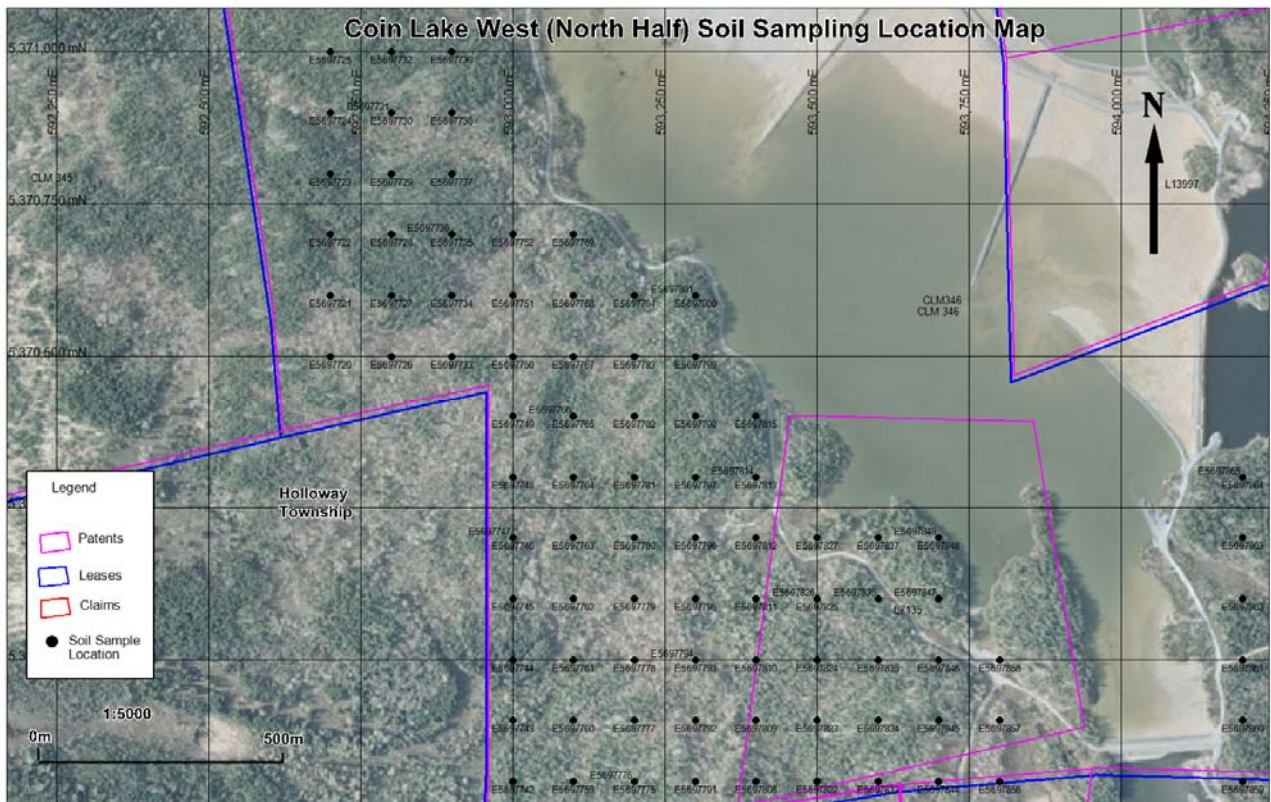
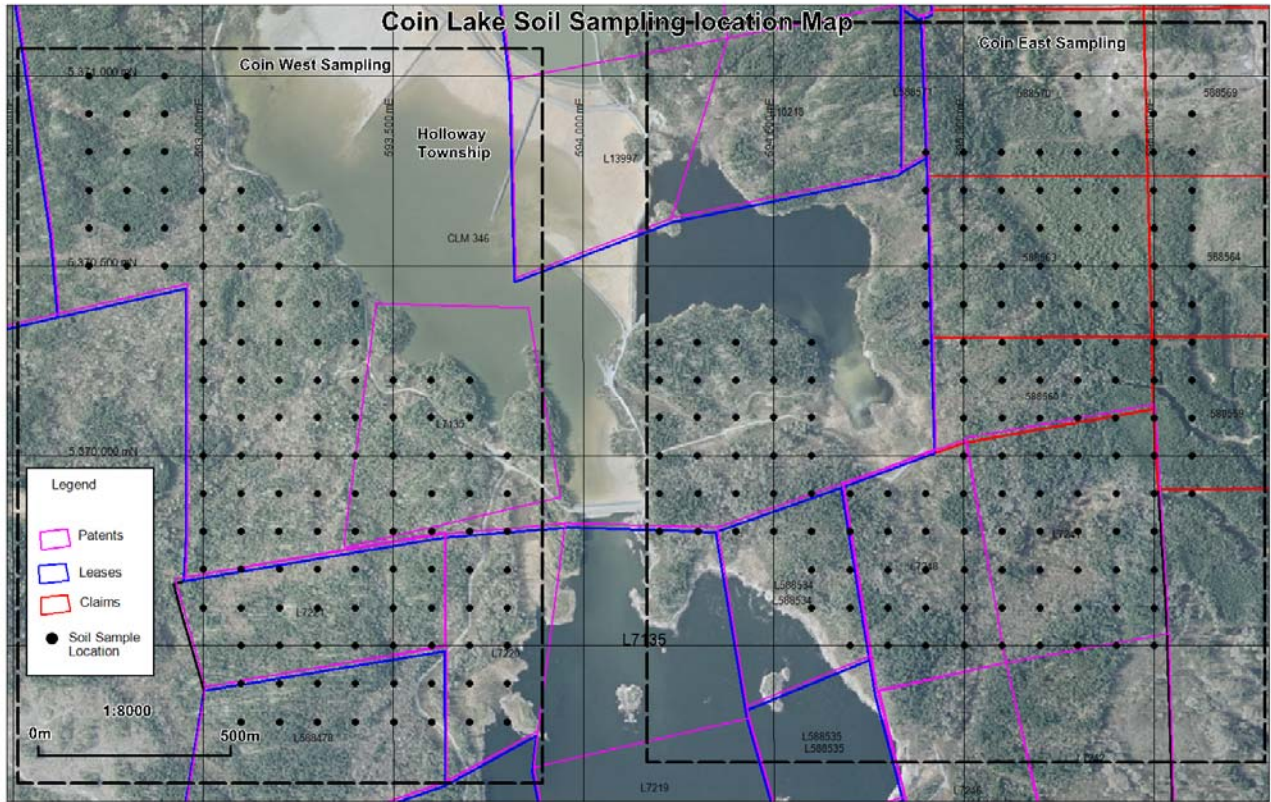
Senior Exploration Technician

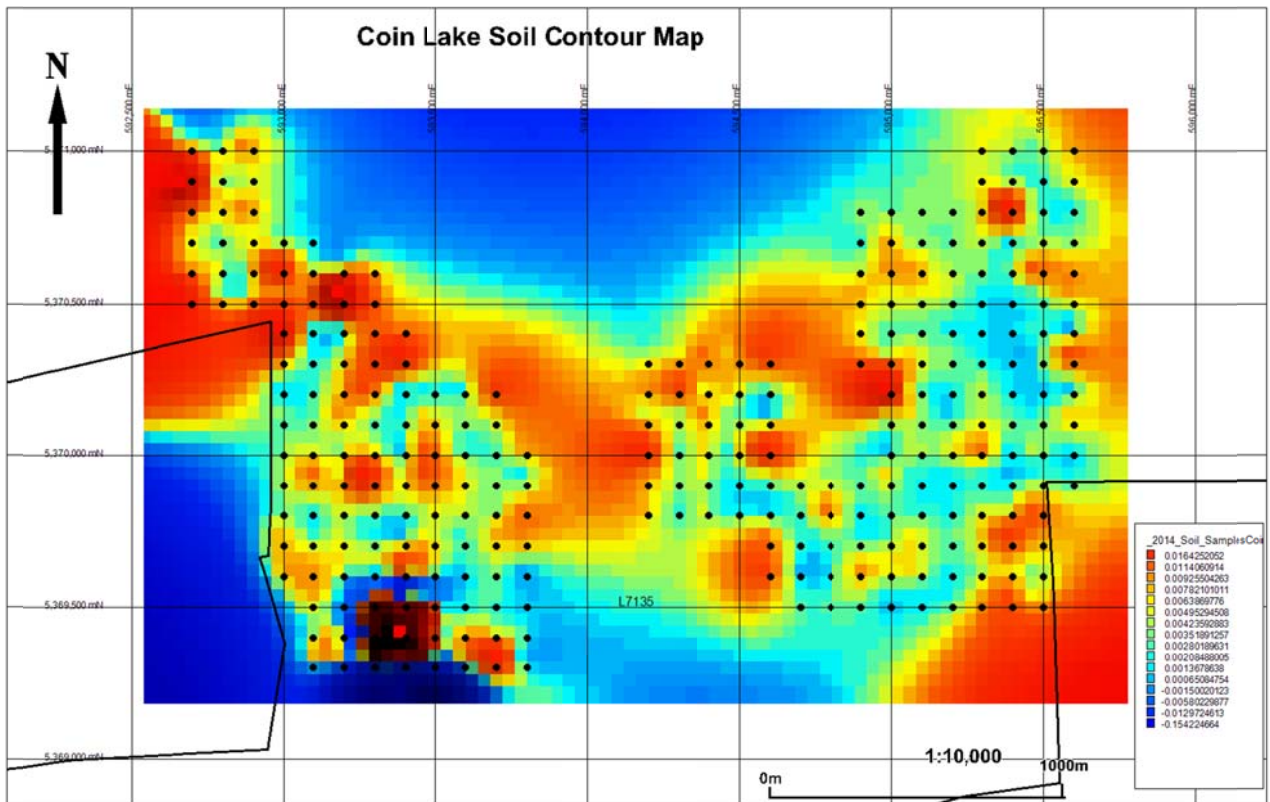
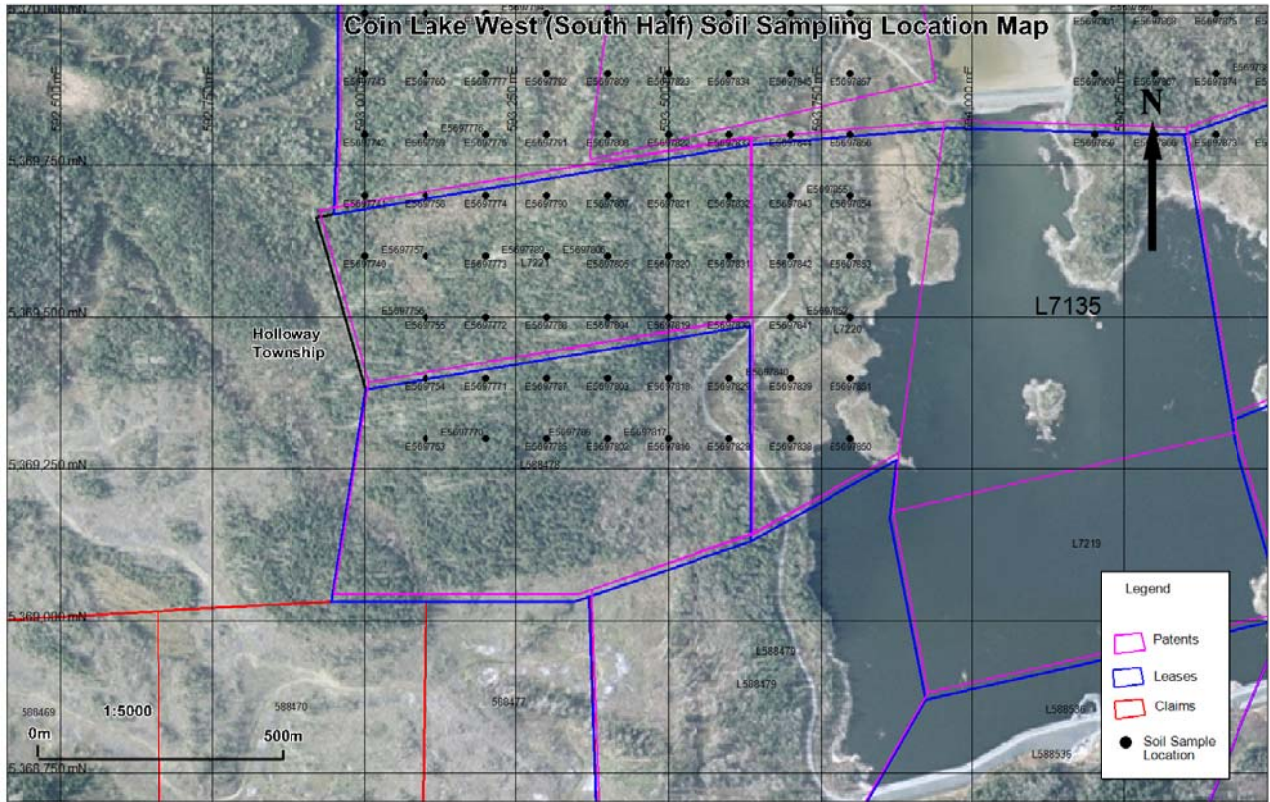
## Project Maps by Property

# Coin Lake Property

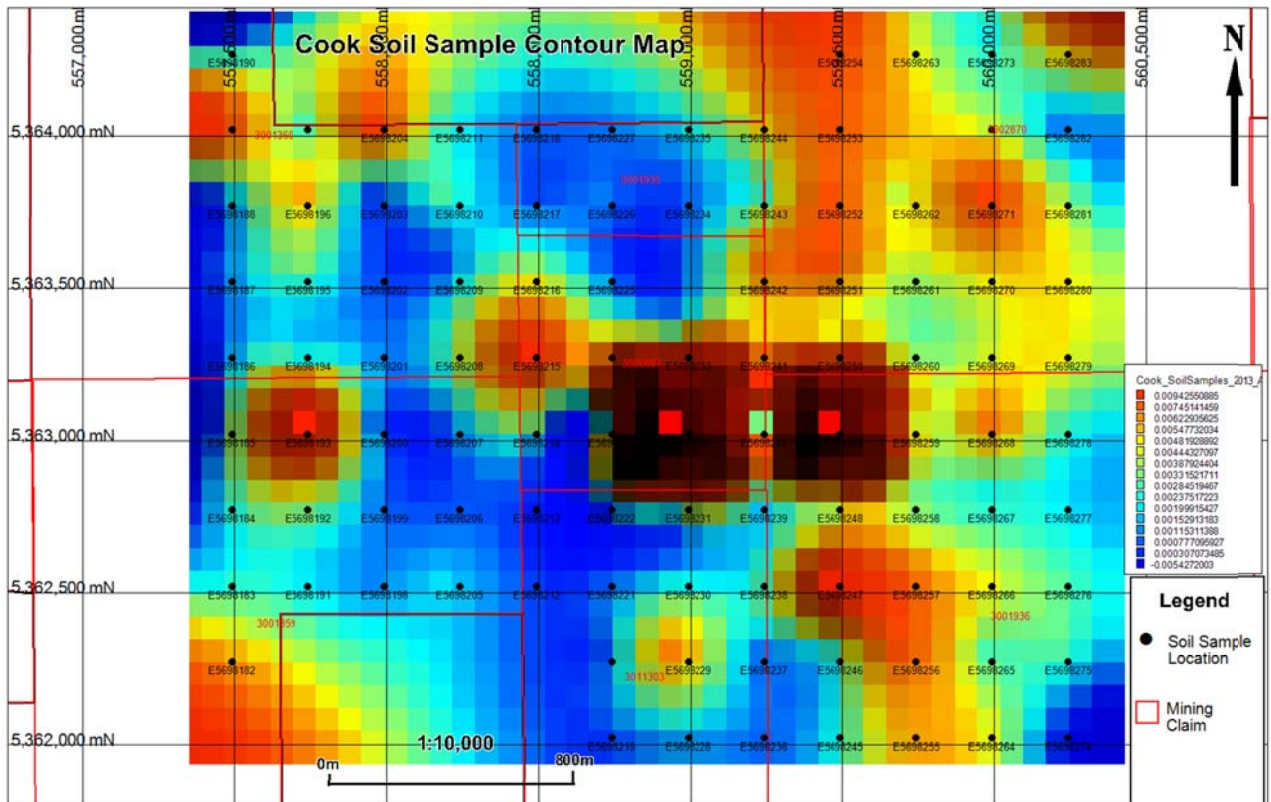
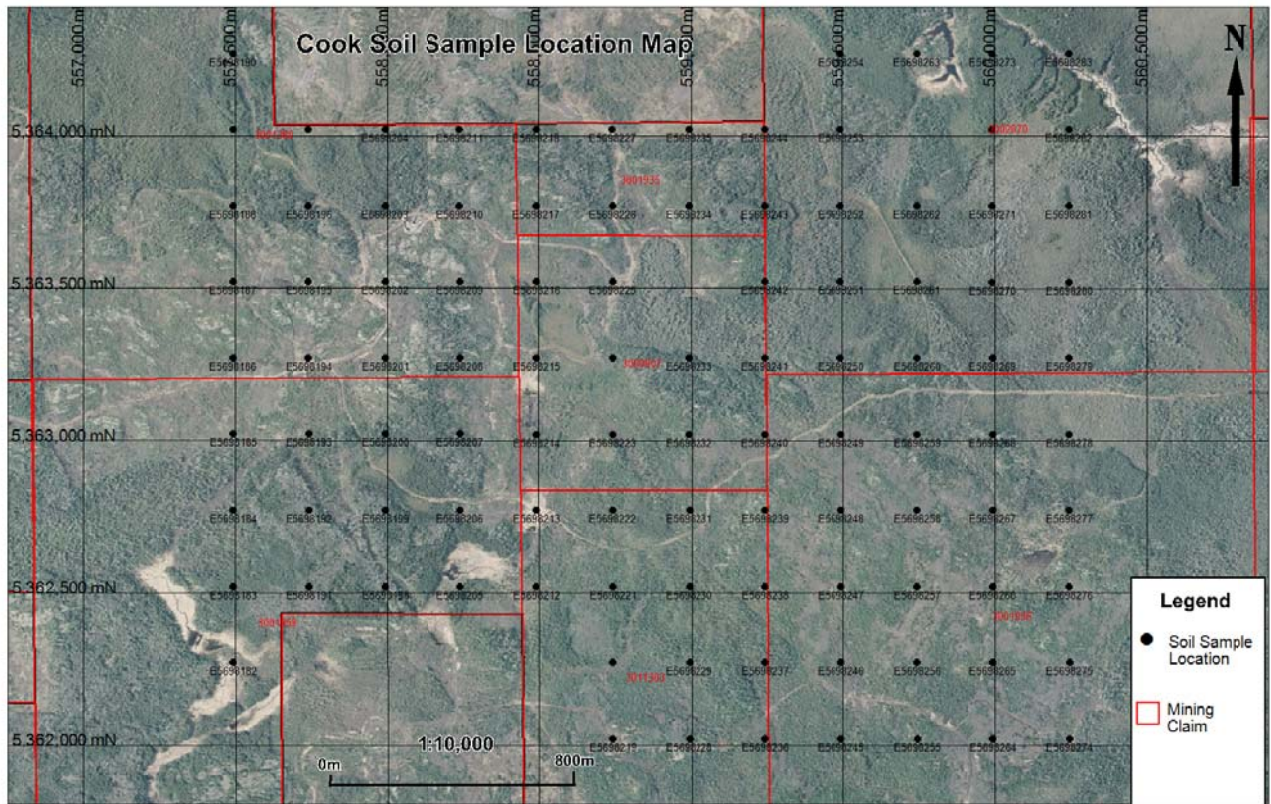




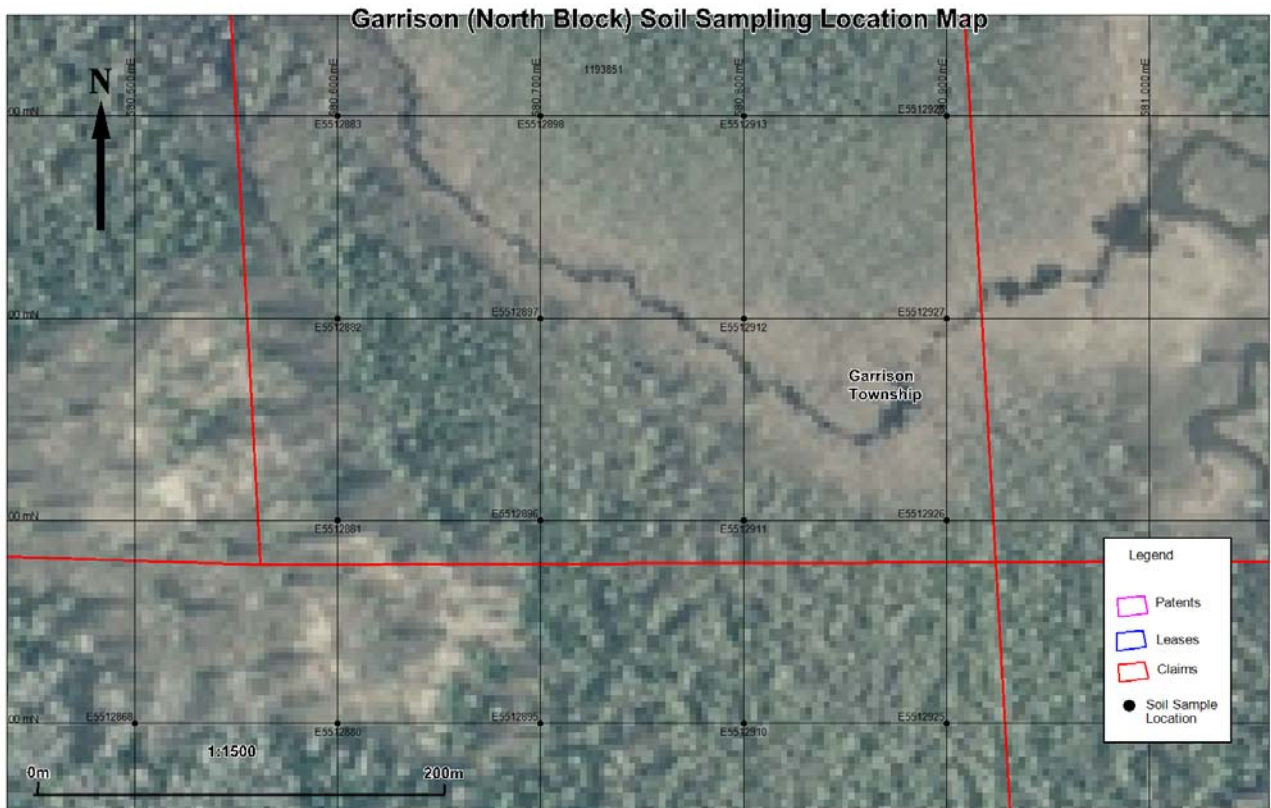
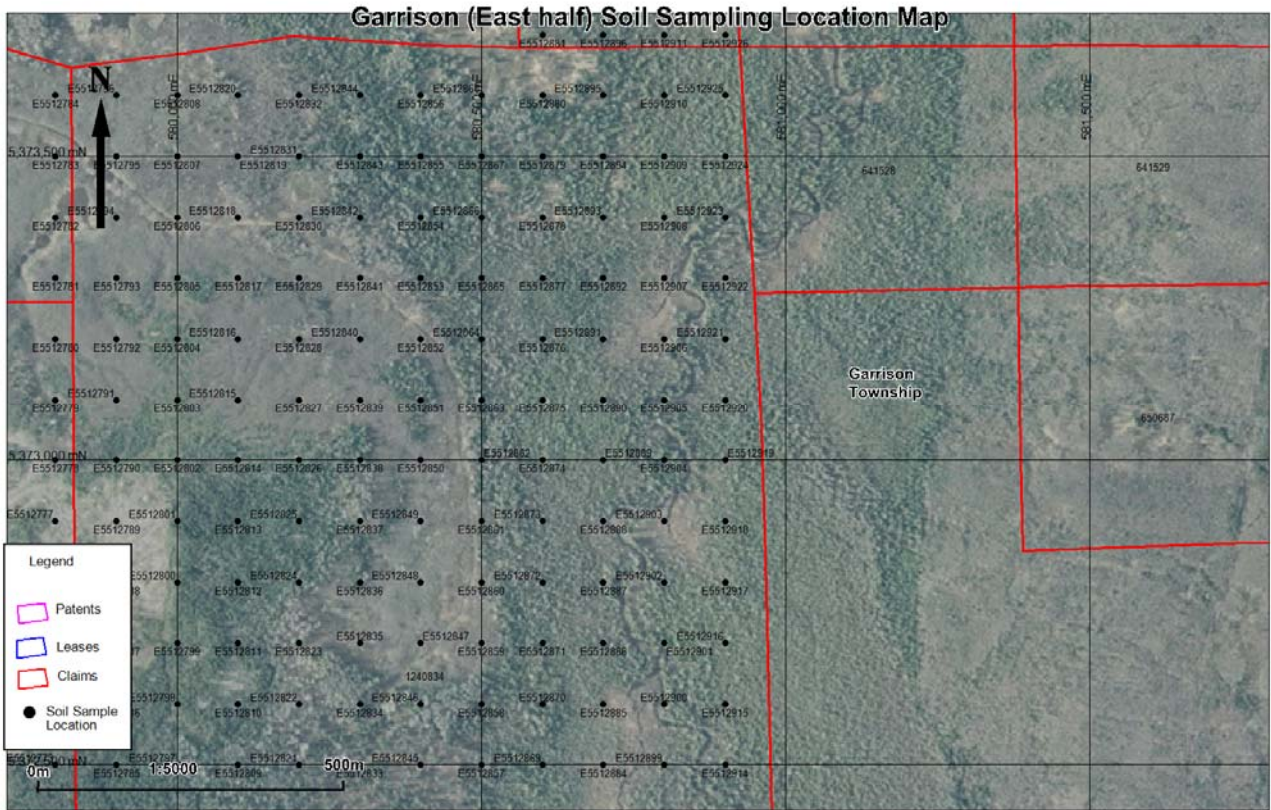


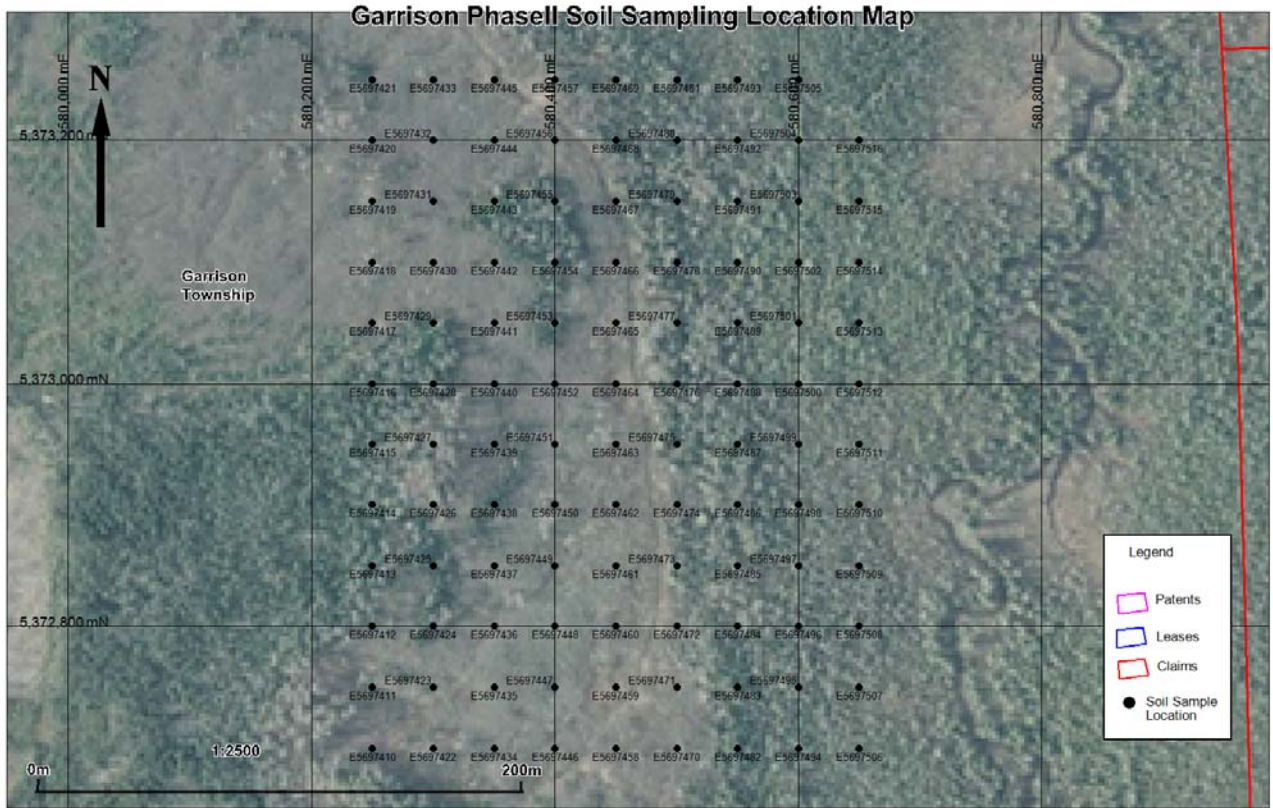
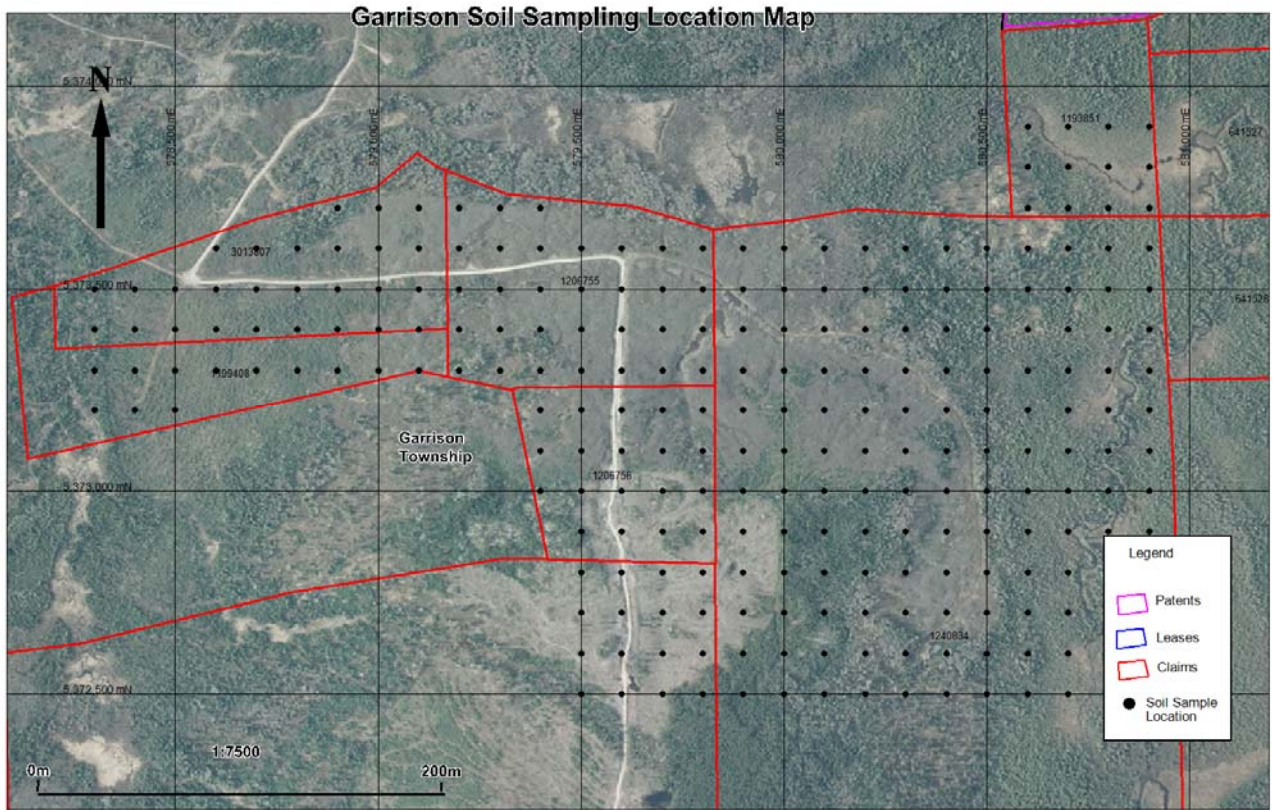


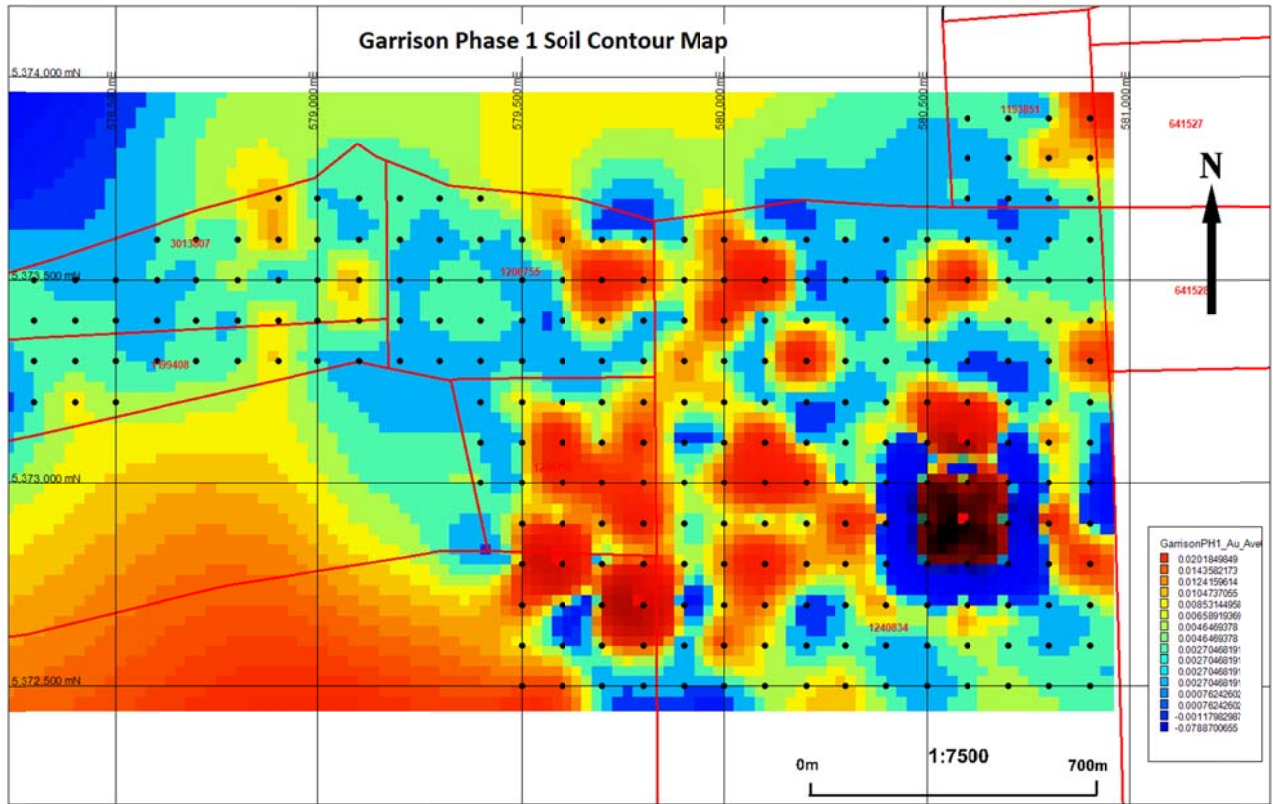
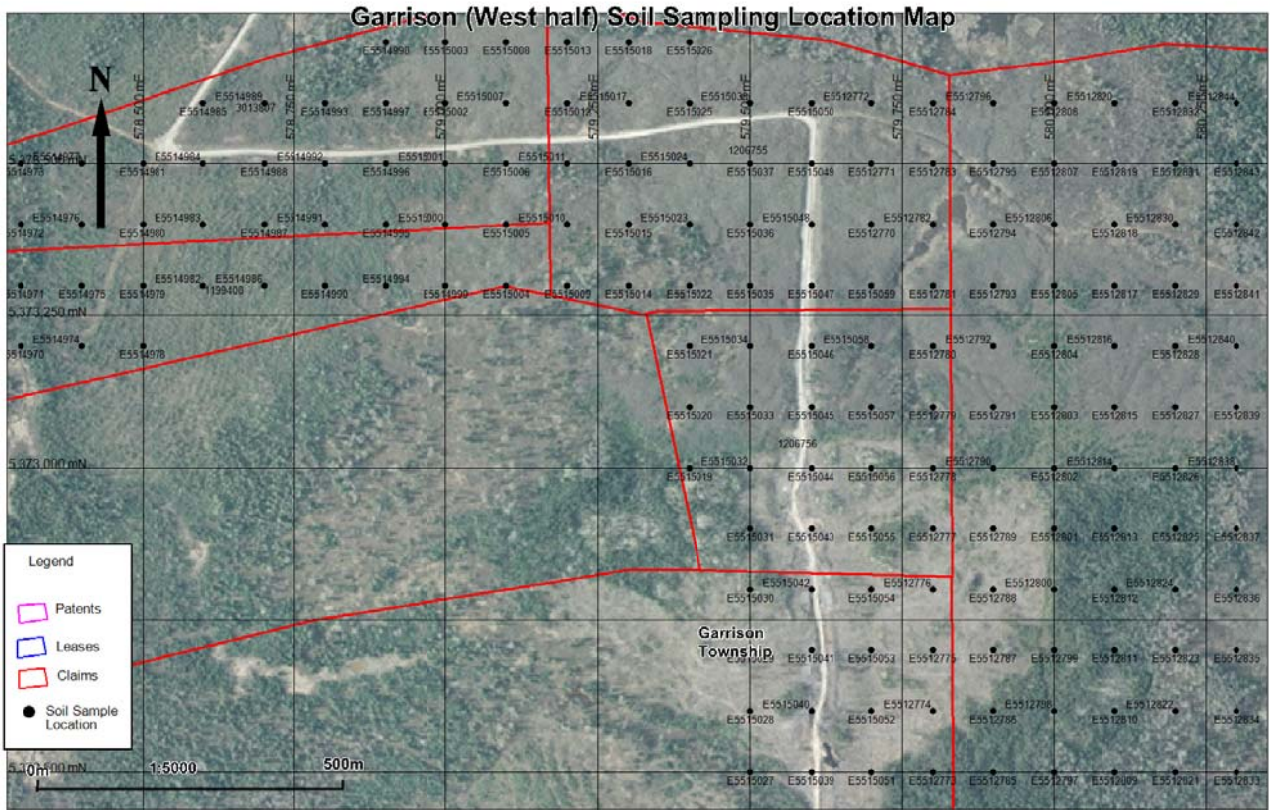
# Cook Property

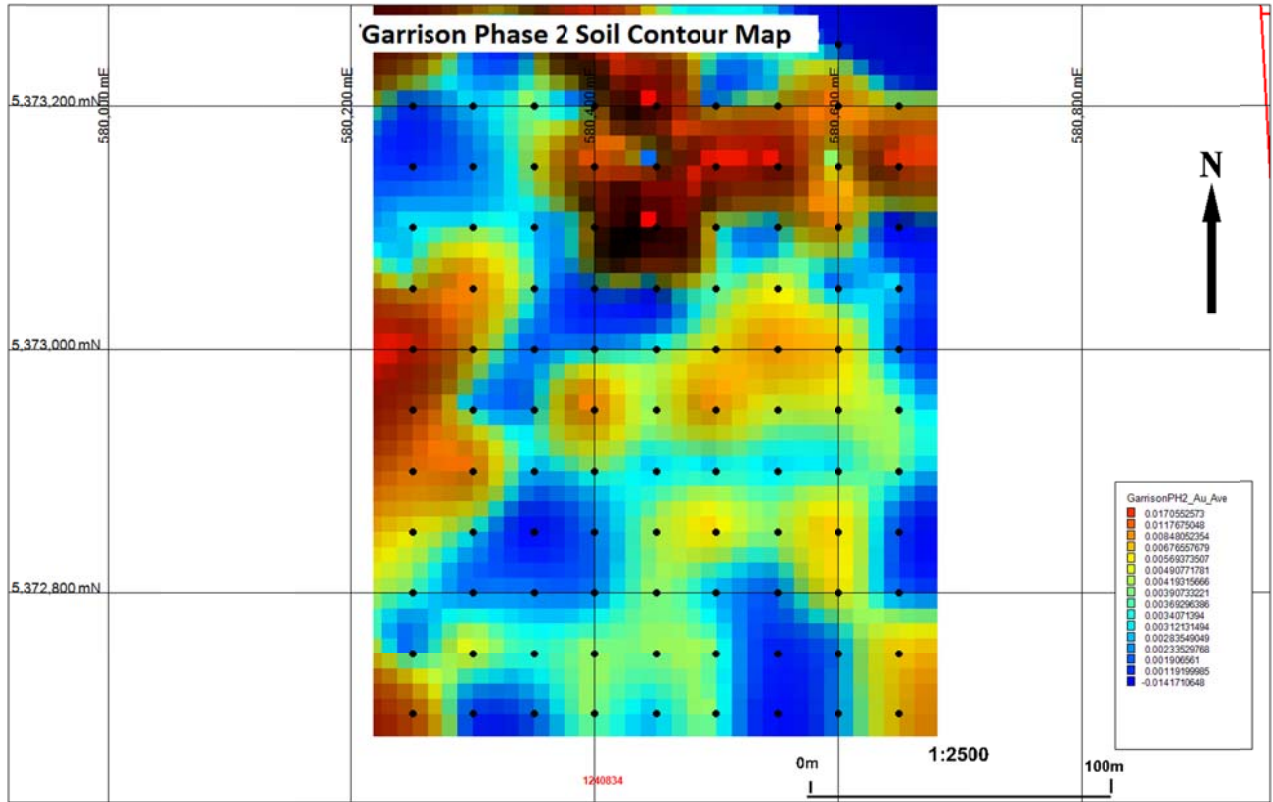


# Garrison Property

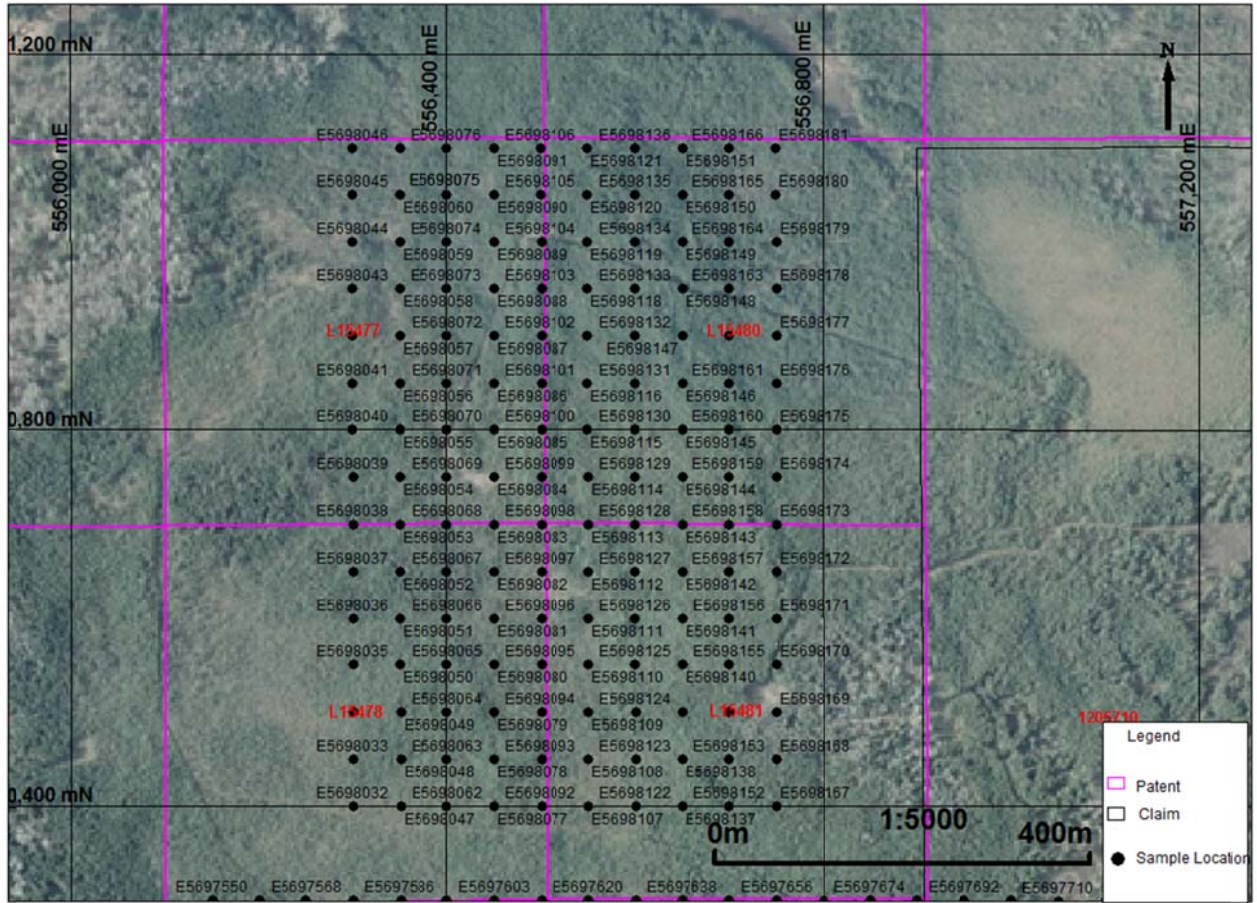






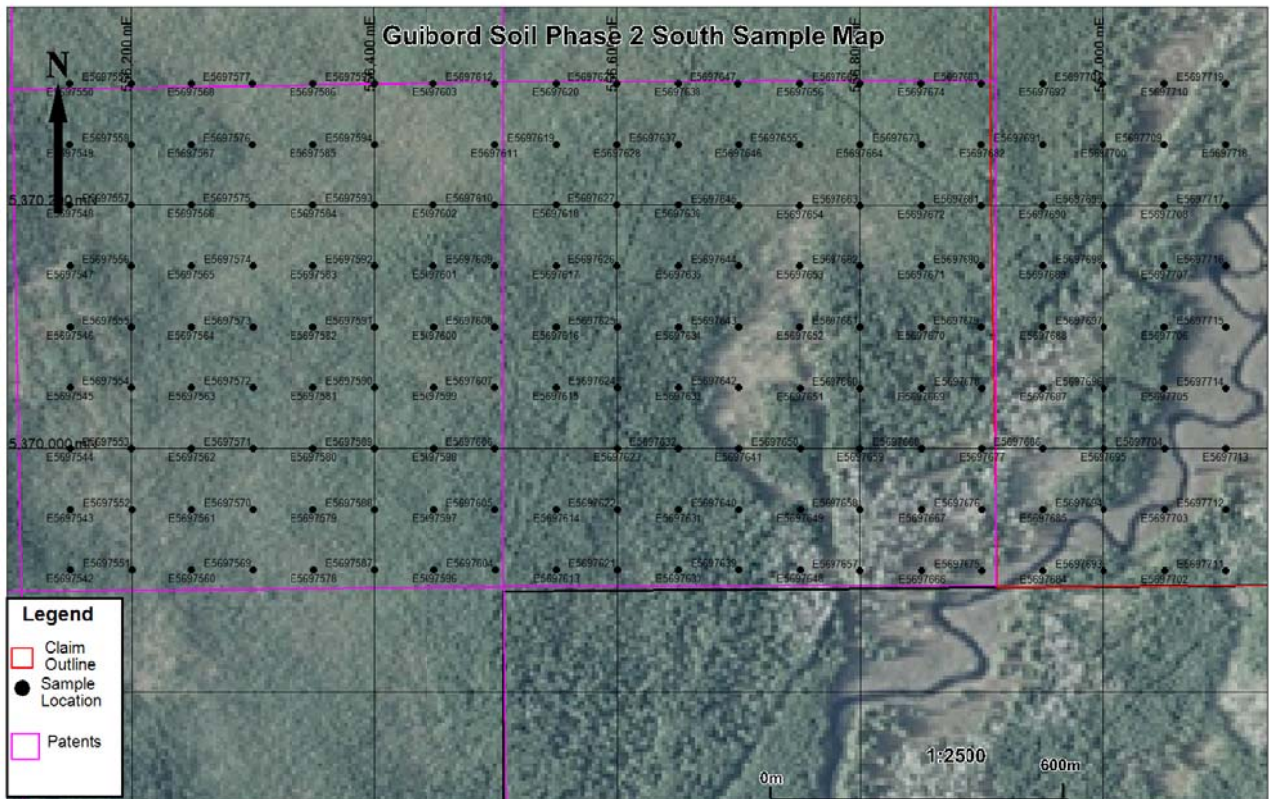
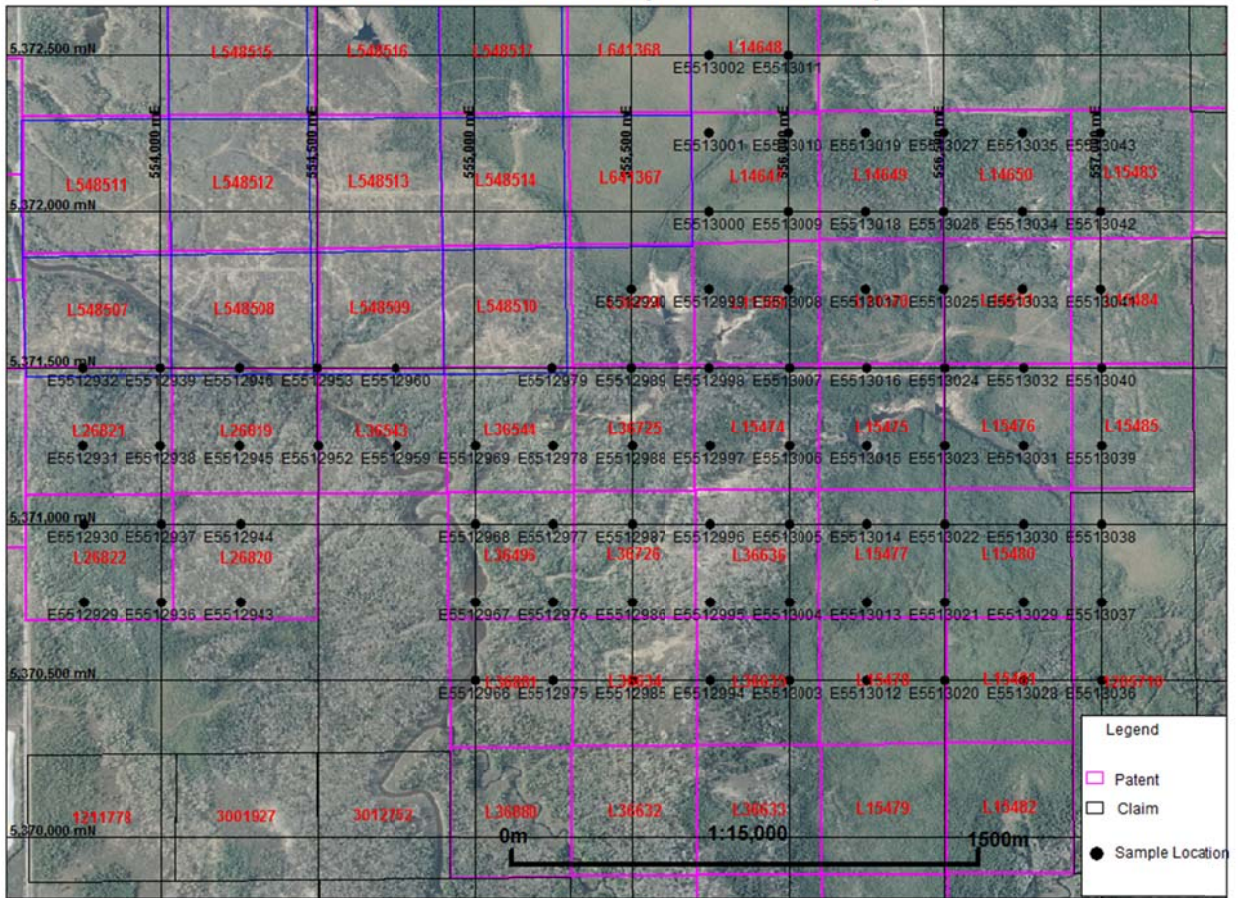


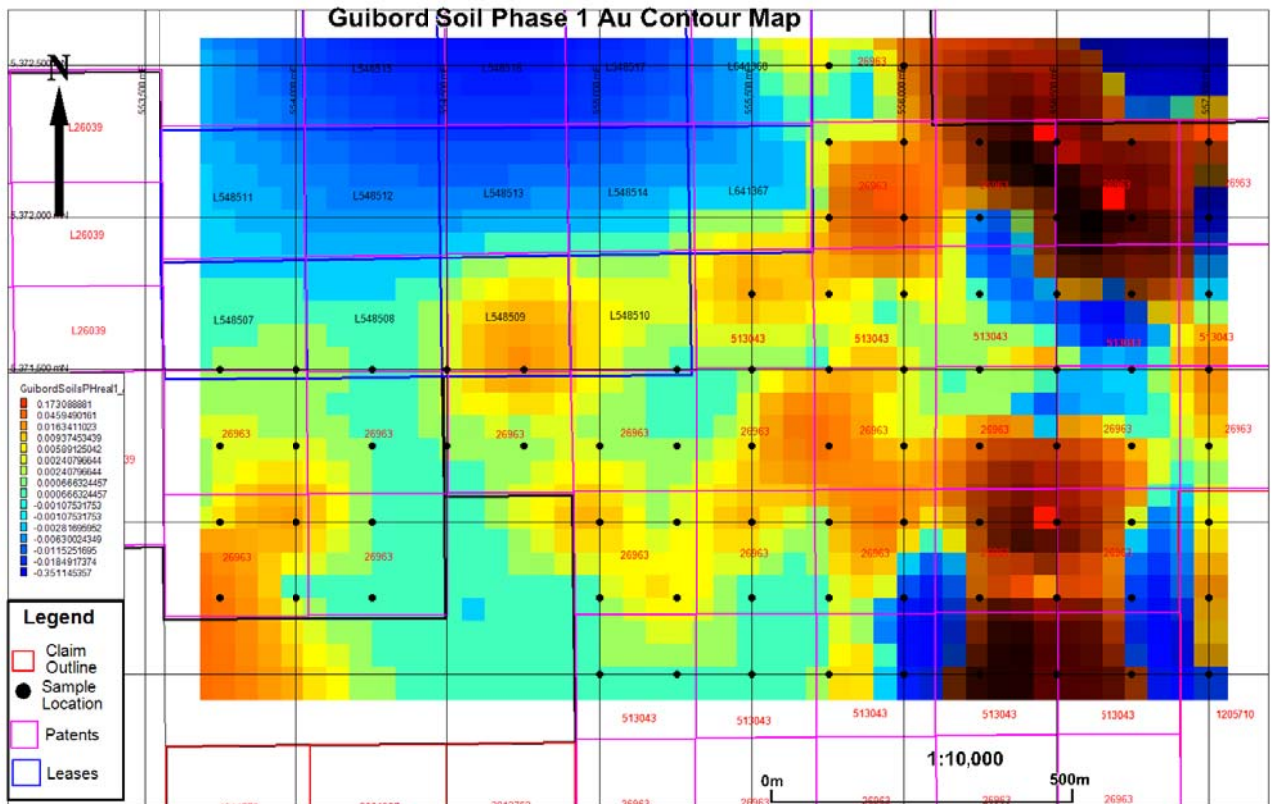
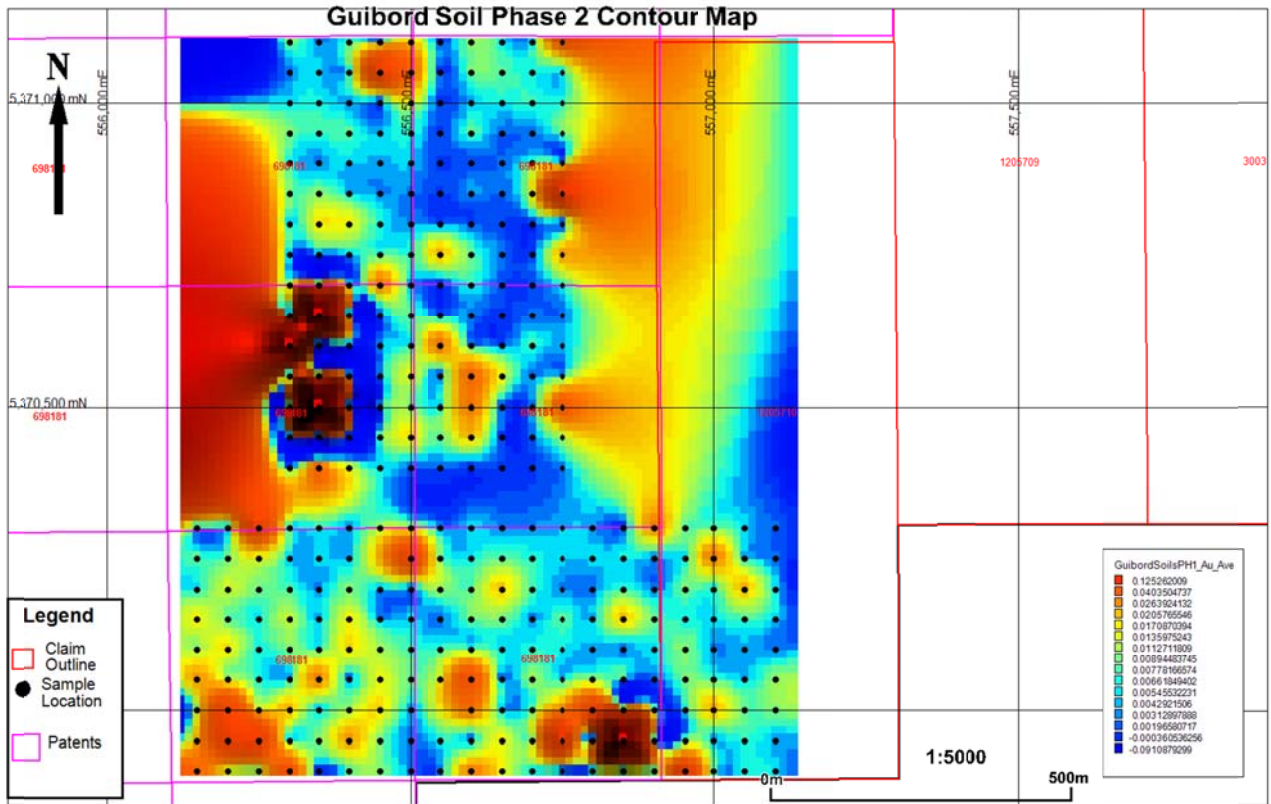
# Guibord Property



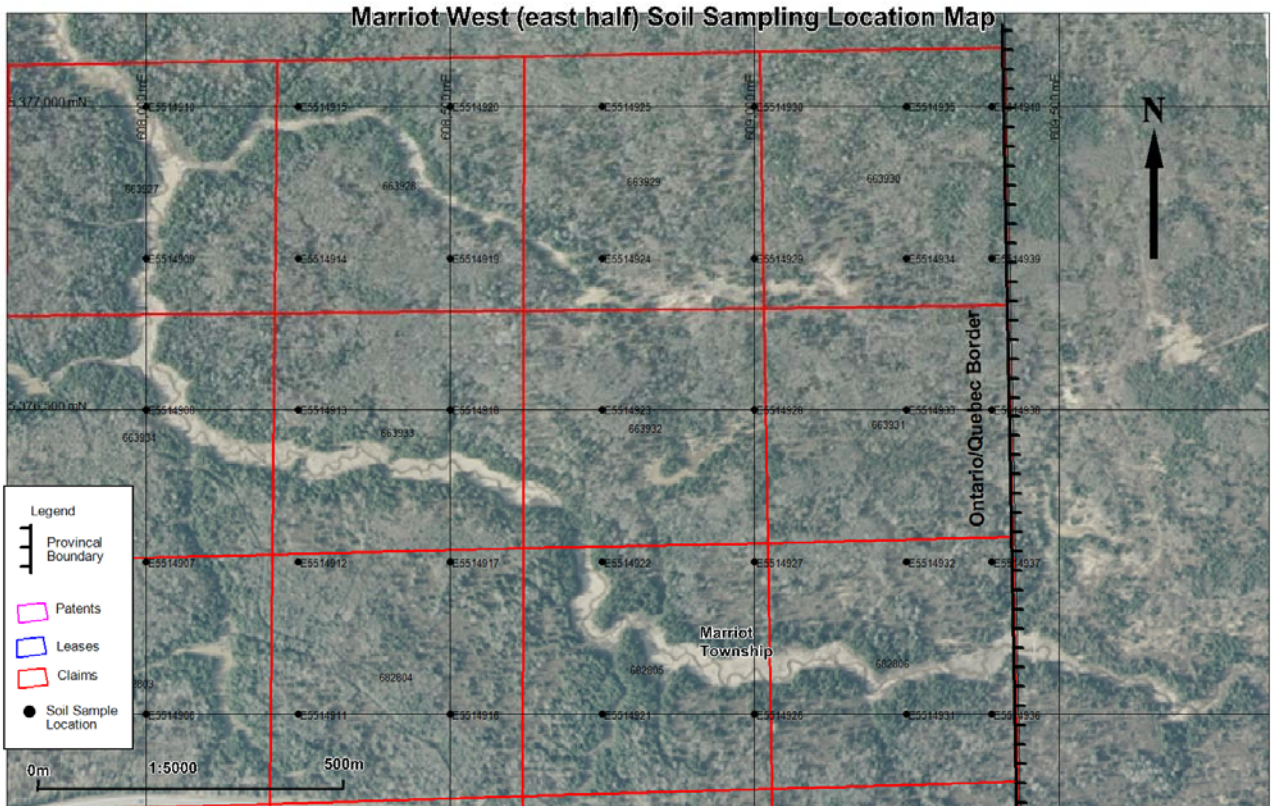
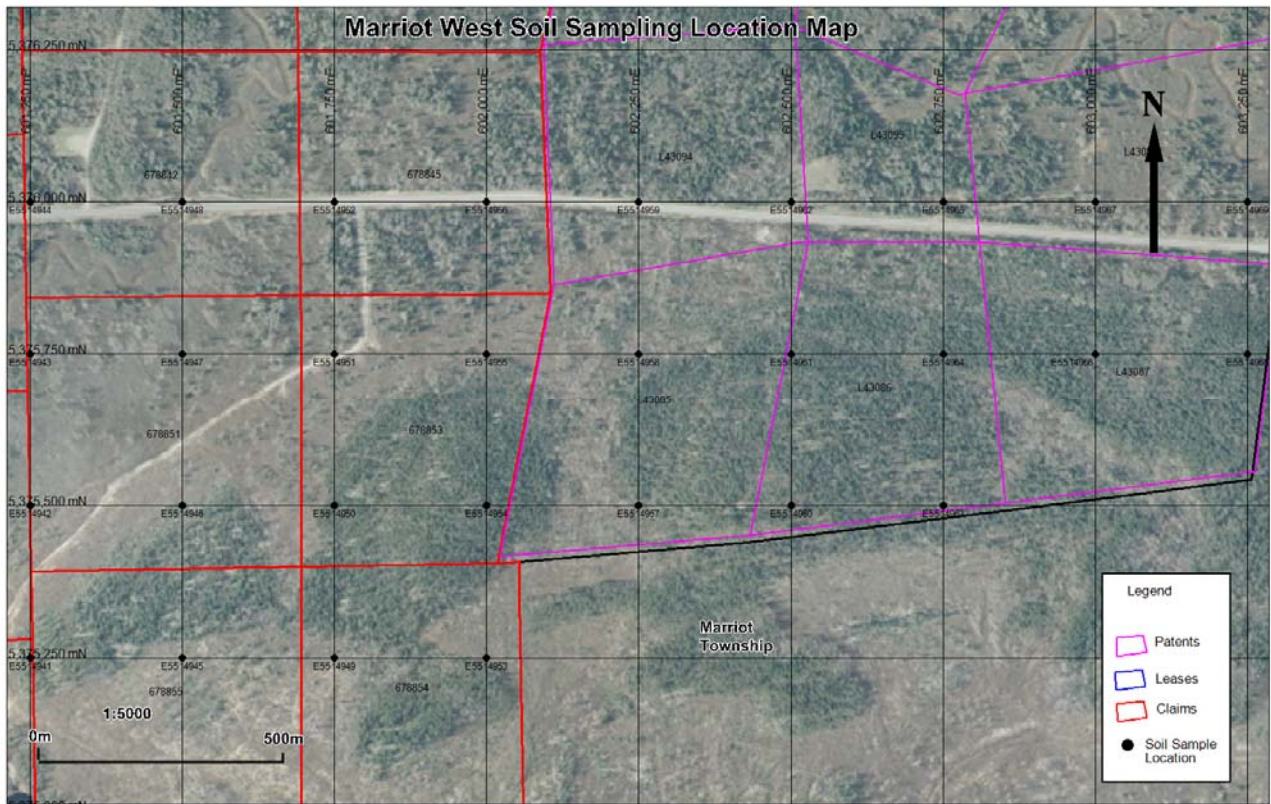


# Guibord Phase 1 Soil Sample Location Map

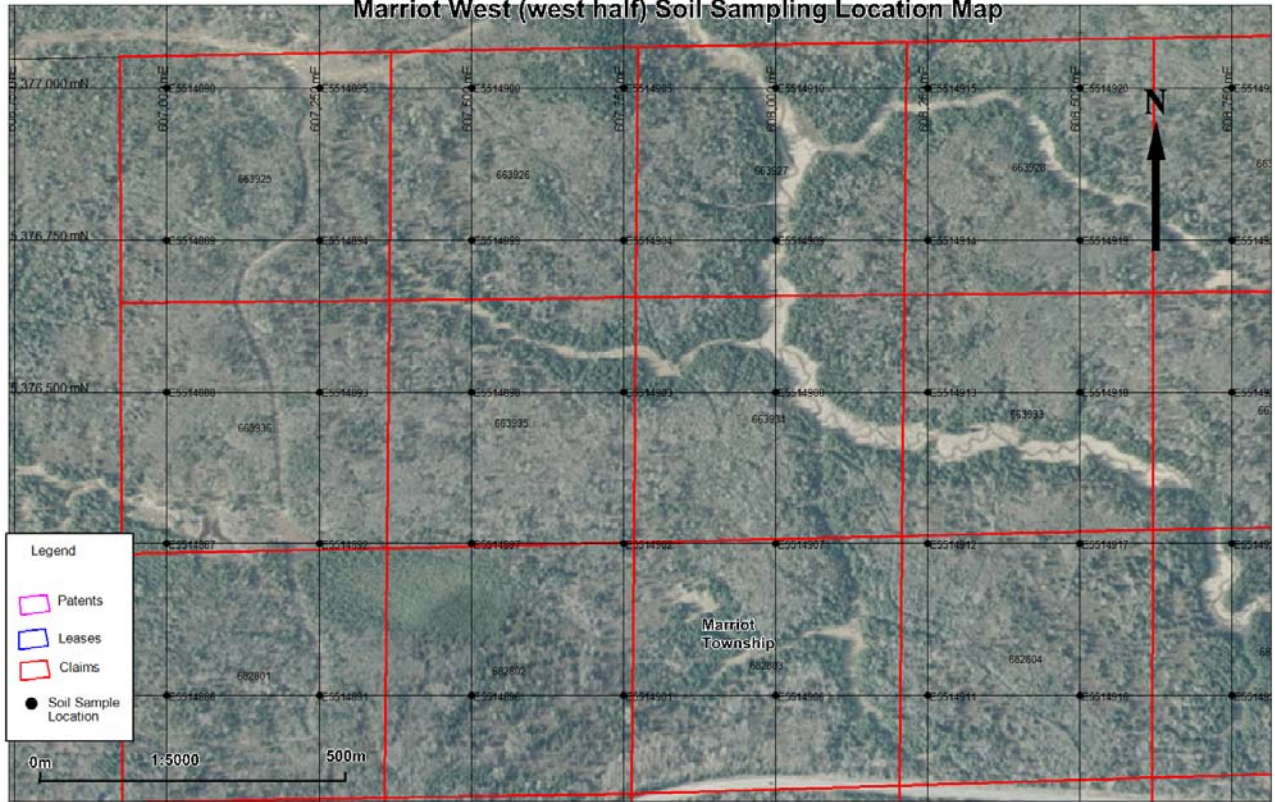




# Marriot & Marriot West Properties

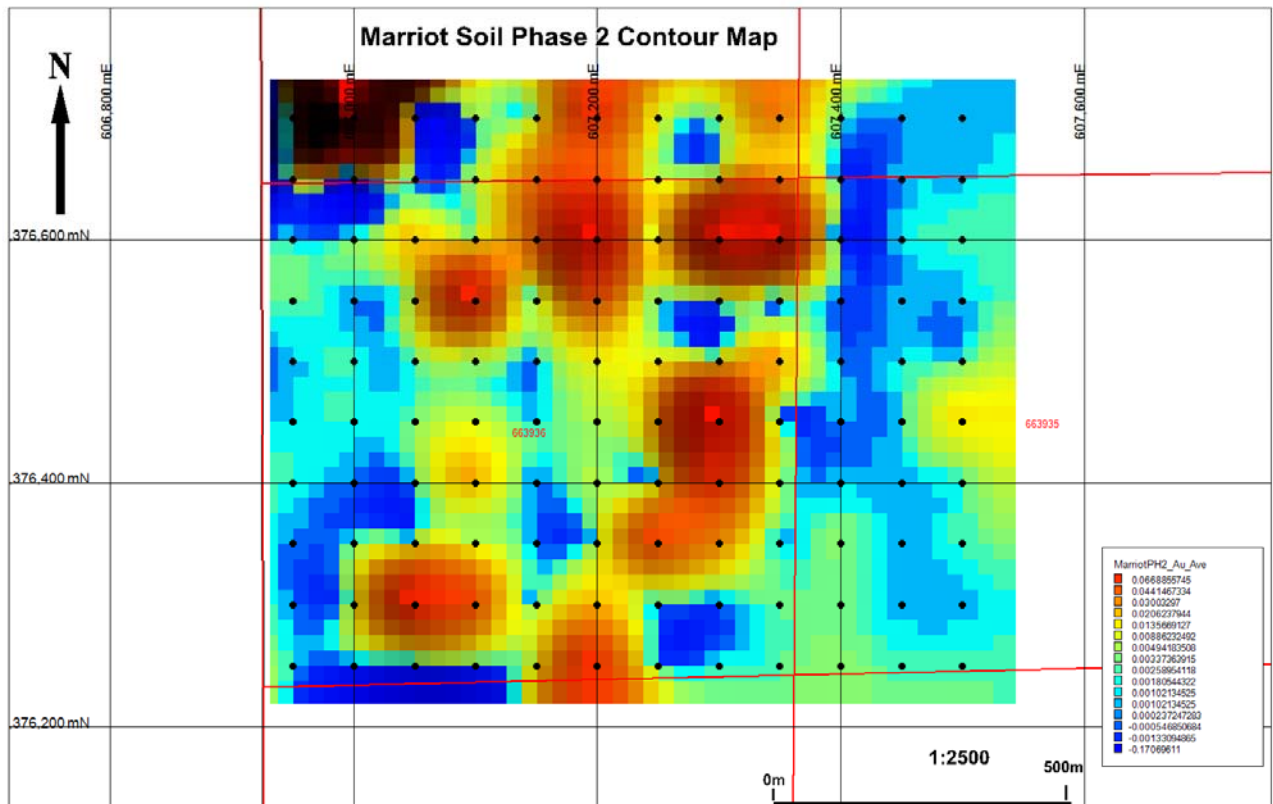
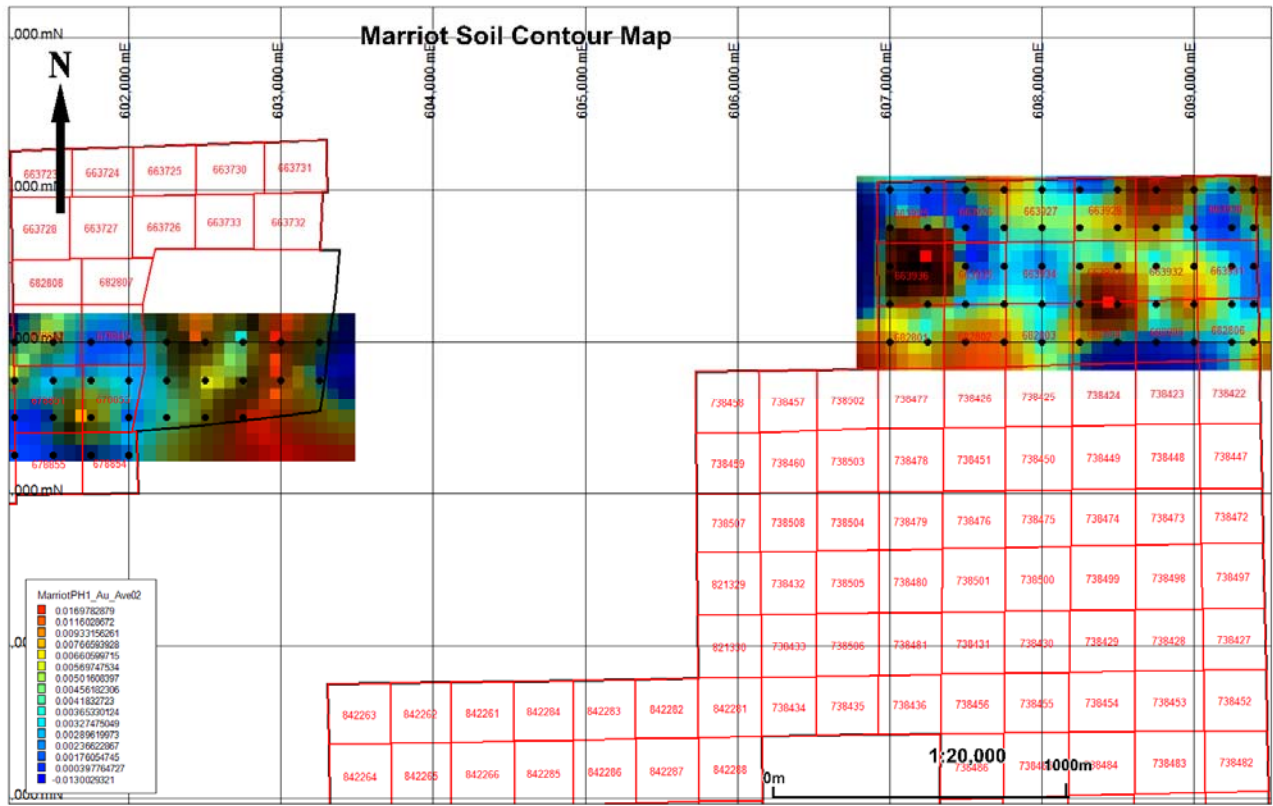


### Marriot West (west half) Soil Sampling Location Map

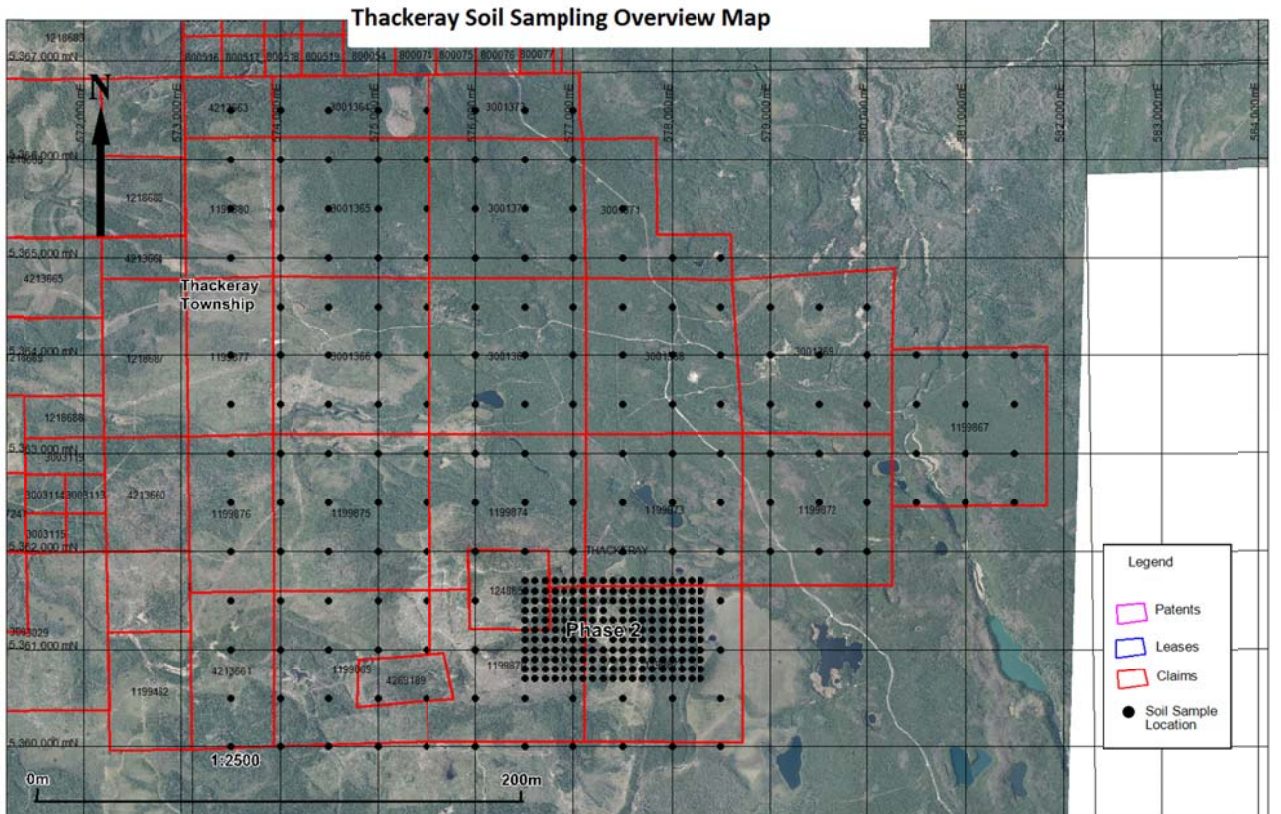
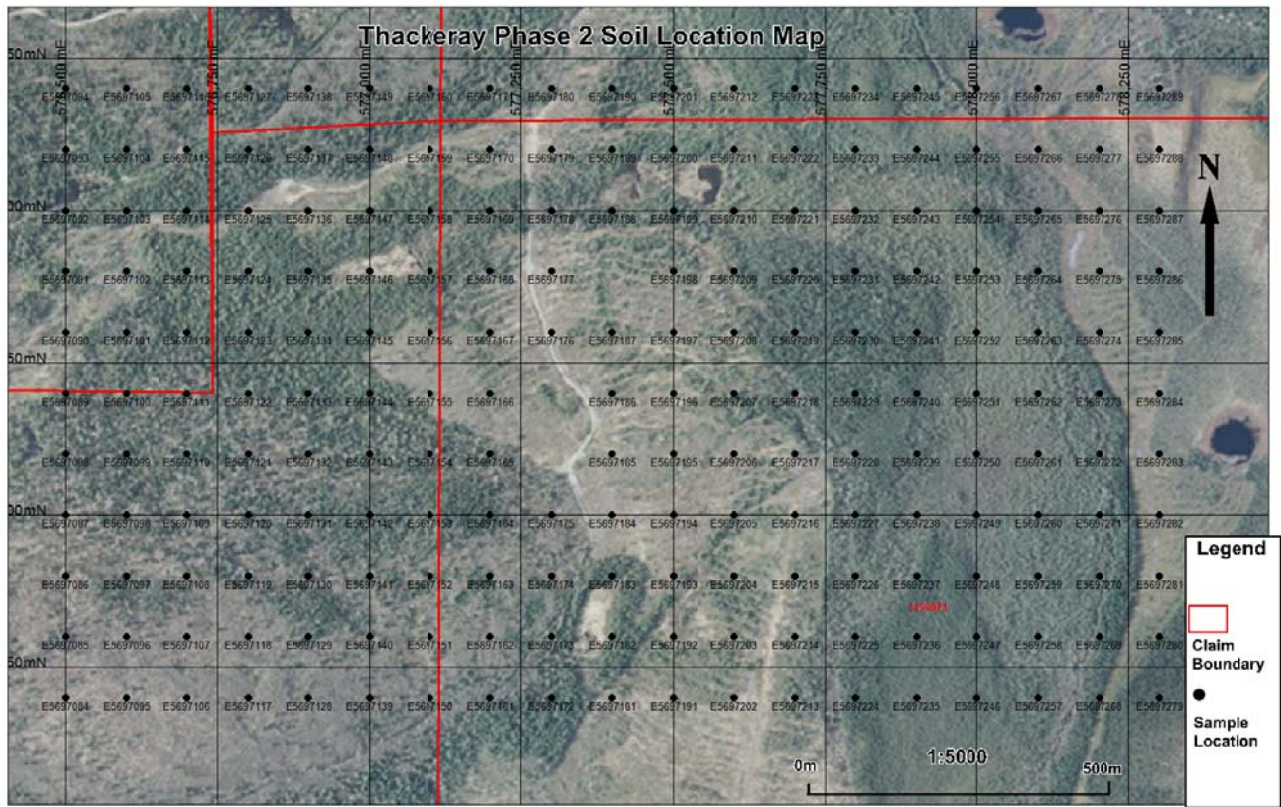


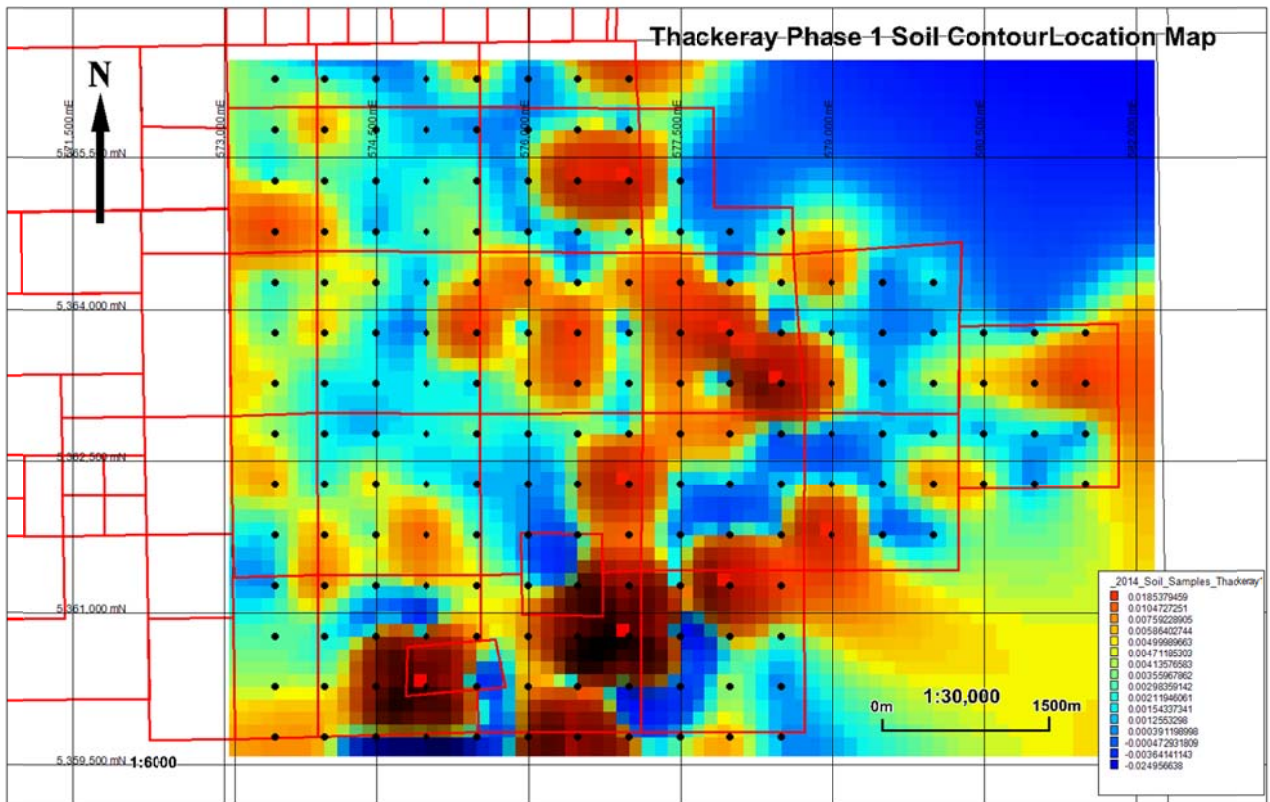
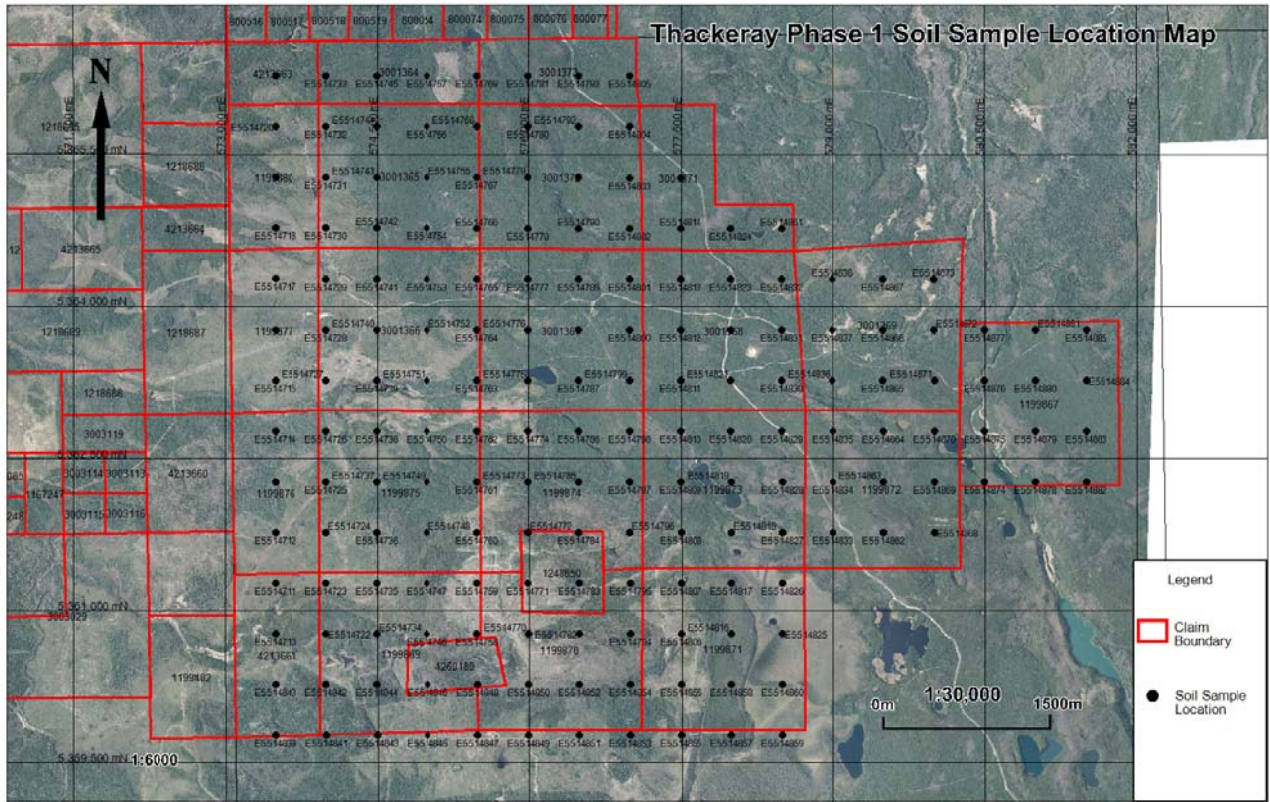
### Marriot West Phase 2 Soil Sampling Location Map

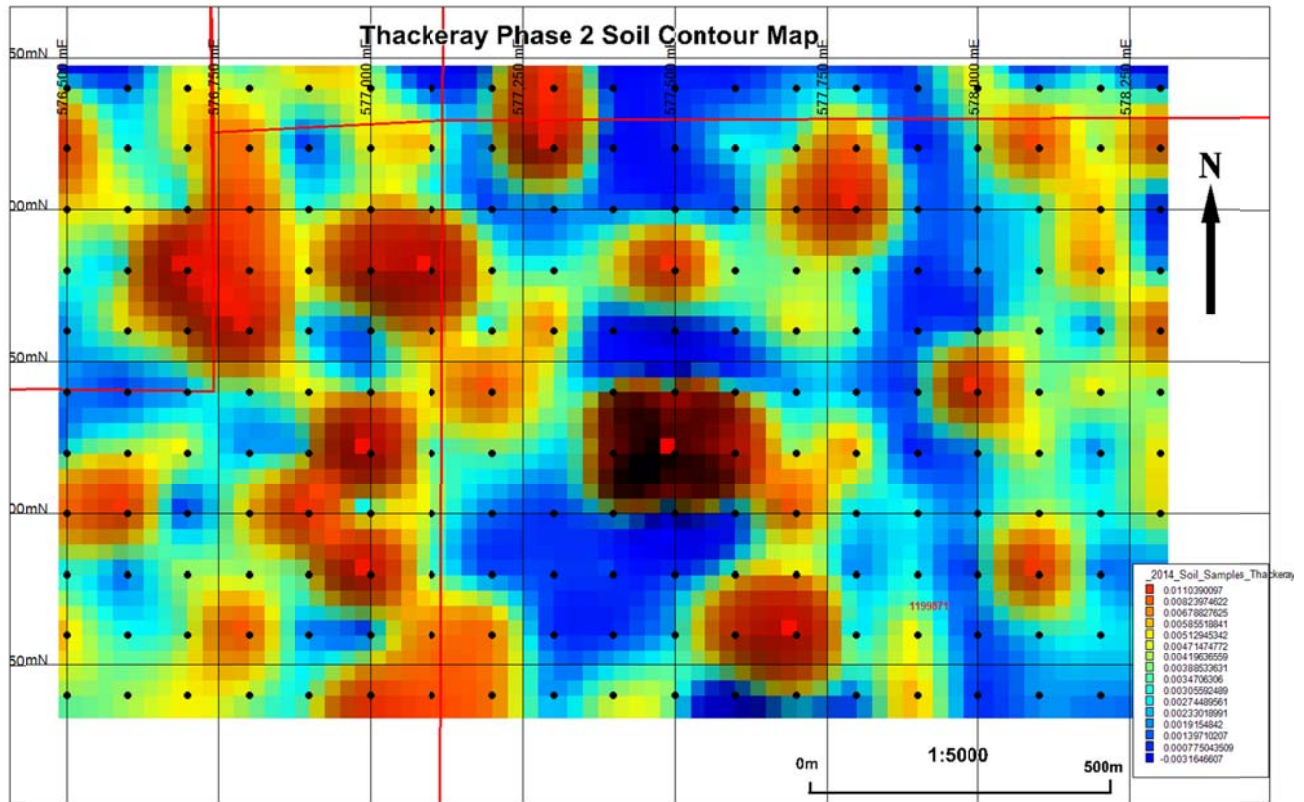




# Thackeray Property









# Appendix 1

## Analytical Results



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

ATTENTION TO: Craig Todd

PROJECT NO: Soil Sampling Project

AGAT WORK ORDER: 13U759078

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Sep 30, 2013

PAGES (INCLUDING COVER): 32

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

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MISSISSAUGA, ONTARIO  
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DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5514710 (4743354)	0.3	0.50	<1	5	12	<0.5	<1	0.12	<0.5	13	3.1	23.6	3.9	0.61
E5514711 (4743355)	0.3	0.38	<1	5	28	<0.5	<1	0.55	<0.5	15	2.7	18.1	5.5	0.39
E5514712 (4743356)	0.3	1.76	3	5	104	0.7	<1	0.70	<0.5	50	10.1	60.4	17.8	1.98
E5514713 (4743357)	0.3	0.19	5	9	62	<0.5	<1	3.74	<0.5	1	1.4	6.0	11.1	0.32
E5514714 (4743358)	0.2	0.57	2	5	25	<0.5	<1	0.24	<0.5	17	4.2	30.0	2.3	0.69
E5514715 (4743359)	0.5	1.89	7	5	130	1.0	<1	1.85	<0.5	116	4.7	63.8	53.6	1.08
E5514716 (4743360)	0.2	0.79	<1	5	10	<0.5	<1	0.12	<0.5	17	3.7	29.9	3.5	0.84
E5514717 (4743361)	0.3	0.45	2	5	13	<0.5	<1	0.22	<0.5	17	2.8	25.8	3.2	0.52
E5514718 (4743362)	0.3	0.56	<1	5	23	<0.5	<1	0.32	<0.5	20	4.0	25.7	2.8	0.67
E5514719 (4743363)	0.3	0.54	<1	5	20	<0.5	<1	0.22	<0.5	18	3.2	23.1	4.4	0.59
E5514720 (4743364)	0.2	1.19	2	5	15	<0.5	<1	0.12	<0.5	15	3.8	30.6	2.9	1.50
E5514721 (4743365)	0.2	0.70	1	5	19	<0.5	<1	0.15	<0.5	23	4.0	29.7	4.4	0.86
E5514722 (4743366)	0.3	0.76	2	5	36	<0.5	<1	0.88	<0.5	26	5.6	42.7	8.1	0.95
E5514723 (4743367)	0.3	0.83	2	5	49	<0.5	<1	0.44	<0.5	30	5.3	35.7	8.7	1.09
E5514724 (4743368)	0.2	0.77	<1	5	25	<0.5	<1	0.20	<0.5	18	3.5	26.6	5.8	0.83
E5514725 (4743369)	0.2	0.68	2	5	33	<0.5	<1	0.33	<0.5	26	4.4	38.5	5.7	1.11
E5514726 (4743370)	<0.2	0.38	<1	5	11	<0.5	<1	0.08	<0.5	17	1.3	17.3	1.9	0.60
E5514727 (4743371)	0.3	0.40	5	7	182	<0.5	<1	2.79	<0.5	2	2.1	11.0	5.8	0.53
E5514728 (4743372)	0.4	1.21	8	8	153	<0.5	<1	2.74	1.0	26	8.6	42.9	13.5	1.05
E5514729 (4743373)	0.3	0.83	<1	5	10	<0.5	<1	0.13	<0.5	19	3.7	40.4	2.8	0.90
E5514730 (4743374)	0.2	0.34	2	5	11	<0.5	<1	0.18	<0.5	18	3.1	25.0	4.2	0.68
E5514731 (4743375)	0.2	0.72	2	5	36	<0.5	<1	0.36	<0.5	26	3.2	28.3	2.2	0.98
E5514732 (4743376)	0.4	0.22	8	7	33	<0.5	<1	2.78	1.0	5	1.3	5.1	7.6	0.25
E5514733 (4743377)	0.3	0.86	<1	5	23	<0.5	<1	0.13	<0.5	12	5.3	26.1	2.1	0.82
E5514734 (4743378)	0.2	0.46	<1	5	18	<0.5	<1	0.13	<0.5	16	2.4	15.4	2.7	0.54
E5514735 (4743379)	0.3	0.92	<1	5	55	<0.5	<1	0.43	<0.5	25	4.6	31.6	7.0	0.88
E5514736 (4743380)	0.2	0.37	<1	5	15	<0.5	<1	0.06	<0.5	15	0.9	10.6	1.9	0.77
E5514737 (4743381)	0.2	1.02	3	5	52	<0.5	<1	0.23	<0.5	36	6.2	46.7	4.2	1.06
E5514738 (4743382)	0.2	0.59	<1	5	13	<0.5	<1	0.10	<0.5	16	1.8	17.7	1.6	0.46
E5514739 (4743383)	0.2	0.57	2	5	18	<0.5	<1	0.23	<0.5	24	4.6	35.4	6.9	0.92
E5514740 (4743384)	0.2	0.51	1	5	14	<0.5	<1	0.15	<0.5	20	3.9	39.6	4.5	0.68
E5514741 (4743385)	0.3	0.50	<1	5	8	<0.5	<1	0.14	<0.5	12	3.1	33.9	2.5	0.55

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

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DATE SAMPLED: Sep 17, 2013	DATE RECEIVED: Sep 17, 2013					DATE REPORTED: Sep 30, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5514742 (4743386)	0.3	0.58	<1	5	7	<0.5	<1	0.05	<0.5	10	0.8	15.6	0.9	0.21	
E5514743 (4743387)	0.2	0.76	2	5	10	<0.5	<1	0.08	<0.5	14	5.9	55.9	3.6	0.99	
E5514744 (4743388)	0.4	2.31	3	5	57	<0.5	<1	0.20	<0.5	20	21.3	163	25.2	3.12	
E5514745 (4743389)	0.3	1.29	<1	5	21	<0.5	<1	0.11	<0.5	13	4.5	32.5	2.7	1.22	
E5514746 (4743390)	0.2	0.87	<1	5	17	<0.5	<1	0.15	<0.5	13	3.6	25.1	4.2	0.90	
E5514747 (4743391)	0.3	0.61	2	5	57	<0.5	<1	0.36	<0.5	30	4.4	30.9	19.2	0.72	
E5514748 (4743392)	<0.2	1.46	<1	5	12	<0.5	<1	0.10	<0.5	17	3.2	30.9	2.6	1.36	
E5514749 (4743393)	0.2	1.25	<1	5	18	<0.5	<1	0.11	<0.5	13	3.5	29.3	1.7	0.98	
E5514750 (4743394)	0.3	0.61	<1	5	12	<0.5	<1	0.10	<0.5	17	2.1	17.2	1.4	0.56	
E5514751 (4743395)	0.3	0.92	1	5	12	<0.5	<1	0.19	<0.5	22	3.5	27.3	2.4	0.94	
E5514752 (4743396)	0.2	0.69	<1	5	11	<0.5	<1	0.10	<0.5	18	3.5	31.1	2.4	0.74	
E5514753 (4743397)	0.2	0.79	<1	5	19	<0.5	1	0.08	<0.5	16	3.0	27.0	2.6	0.87	
E5514754 (4743398)	0.2	1.54	2	5	35	<0.5	<1	0.19	<0.5	17	6.0	43.5	4.7	1.48	
E5514755 (4743399)	0.3	0.71	<1	5	18	<0.5	<1	0.08	<0.5	18	2.6	27.0	1.8	0.82	
E5514756 (4743400)	0.3	1.15	2	5	13	<0.5	<1	0.11	<0.5	15	4.9	46.1	4.7	1.20	
E5514757 (4743401)	0.2	1.09	2	5	15	<0.5	<1	0.09	<0.5	12	3.4	22.4	1.7	0.82	
E5514758 (4743402)	0.5	0.46	1	5	85	<0.5	<1	0.28	<0.5	14	4.4	15.4	10.5	0.83	
E5514759 (4743403)	0.3	0.92	3	5	19	<0.5	<1	0.22	<0.5	19	4.9	27.7	10.8	1.17	
E5514760 (4743404)	0.2	0.93	<1	5	19	<0.5	<1	0.22	<0.5	18	4.4	25.9	10.8	1.19	
E5514761 (4743405)	0.2	1.23	<1	5	10	<0.5	<1	0.18	<0.5	15	2.4	27.3	6.8	1.09	
E5514762 (4743406)	0.3	1.16	<1	5	13	<0.5	<1	0.20	<0.5	20	3.7	38.6	2.1	1.20	
E5514763 (4743407)	0.3	1.10	2	5	53	<0.5	<1	0.71	<0.5	26	3.8	39.4	9.9	0.81	
E5514764 (4743408)	<0.2	1.25	<1	5	10	<0.5	<1	0.09	<0.5	25	5.1	46.5	2.9	1.53	
E5514765 (4743409)	0.2	0.84	<1	5	14	<0.5	<1	0.14	<0.5	17	3.8	32.2	2.2	0.84	
E5514766 (4743410)	0.2	1.11	<1	5	18	<0.5	<1	0.17	<0.5	16	3.8	29.5	3.2	0.70	
E5514767 (4743411)	0.3	0.22	<1	5	6	<0.5	<1	0.05	<0.5	9	0.6	8.4	<0.5	0.44	
E5514768 (4743412)	0.2	0.88	<1	5	15	<0.5	<1	0.09	<0.5	19	4.2	29.6	3.8	0.87	
E5514769 (4743413)	<0.2	1.86	3	5	58	<0.5	<1	0.24	<0.5	23	13.7	128	19.2	2.22	
E5514770 (4743414)	0.3	2.07	<1	5	41	<0.5	<1	0.15	<0.5	15	5.9	35.1	9.3	2.89	
E5514771 (4743415)	0.2	1.42	<1	5	21	<0.5	<1	0.16	<0.5	19	3.8	33.1	18.2	1.68	
E5514772 (4743416)	0.2	1.01	<1	5	13	<0.5	<1	0.13	<0.5	16	2.5	25.9	1.5	1.18	
E5514773 (4743417)	0.3	0.35	<1	5	23	<0.5	<1	0.26	<0.5	17	1.7	15.3	6.3	0.27	

Certified By:



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Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5514774 (4743418)	<0.2	1.22	<1	5	27	<0.5	<1	0.18	<0.5	28	6.3	53.6	4.3	1.19	
E5514775 (4743419)	0.4	0.28	2	5	85	<0.5	<1	0.21	0.9	2	1.5	3.2	9.8	0.17	
E5514776 (4743420)	0.2	2.09	<1	5	12	<0.5	<1	0.09	<0.5	14	1.8	30.1	0.8	1.16	
E5514777 (4743421)	0.3	0.77	<1	5	14	<0.5	<1	0.16	<0.5	19	5.0	32.7	2.4	0.85	
E5514778 (4743422)	0.2	1.06	1	5	23	<0.5	<1	0.10	<0.5	16	5.7	46.9	4.7	1.00	
E5514779 (4743423)	0.2	0.96	<1	5	13	<0.5	<1	0.10	<0.5	16	5.1	39.8	3.8	1.08	
E5514780 (4743424)	0.3	0.59	<1	5	8	<0.5	<1	0.13	<0.5	12	3.8	24.3	2.8	0.62	
E5514781 (4743425)	0.3	0.86	1	5	14	<0.5	<1	0.08	<0.5	16	3.6	27.2	3.1	0.81	
E5514782 (4743426)	0.2	0.31	2	5	14	<0.5	<1	0.16	<0.5	11	1.6	10.0	2.9	0.67	
E5514783 (4743427)	0.2	1.40	<1	5	17	<0.5	<1	0.12	<0.5	16	2.7	28.4	3.6	1.97	
E5514784 (4743429)	0.3	0.62	<1	5	13	<0.5	<1	0.13	<0.5	15	1.5	22.1	2.1	0.50	
E5514785 (4743430)	0.2	0.59	<1	5	12	<0.5	<1	0.12	<0.5	16	1.5	21.3	2.0	0.47	
E5514786 (4743431)	0.2	0.91	2	5	14	<0.5	<1	0.18	<0.5	20	5.2	44.3	2.5	0.91	
E5514787 (4743432)	0.2	0.96	2	5	16	<0.5	<1	0.16	<0.5	15	5.1	36.1	2.1	0.95	
E5514788 (4743433)	<0.2	1.07	2	5	23	<0.5	<1	0.10	<0.5	14	3.5	20.9	1.3	1.13	
E5514789 (4743434)	<0.2	1.69	2	5	14	<0.5	<1	0.12	<0.5	16	3.8	41.7	2.4	1.51	
E5514790 (4743435)	0.3	1.37	2	5	14	<0.5	<1	0.10	<0.5	14	3.6	35.9	2.6	1.27	
E5514791 (4743436)	0.3	1.20	<1	5	16	<0.5	<1	0.10	<0.5	14	5.2	44.9	3.9	1.17	
E5514792 (4743437)	0.3	0.57	<1	5	12	<0.5	<1	0.17	<0.5	15	5.1	44.1	6.8	0.79	
E5514793 (4743438)	0.2	1.00	<1	5	13	<0.5	<1	0.09	<0.5	15	4.8	43.5	4.0	1.07	
E5514794 (4743439)	<0.2	1.45	<1	5	16	<0.5	<1	0.09	<0.5	17	1.9	25.4	7.7	1.38	
E5514795 (4743440)	0.4	0.51	12	8	33	<0.5	<1	3.43	0.5	9	2.2	15.5	23.9	0.18	
E5514796 (4743441)	0.3	1.30	1	5	14	<0.5	<1	0.15	<0.5	18	2.7	31.0	2.5	1.18	
E5514797 (4743442)	<0.2	1.90	5	5	43	<0.5	<1	0.28	<0.5	22	24.3	210	23.0	3.16	
E5514798 (4743443)	0.2	1.07	<1	5	17	<0.5	<1	0.16	<0.5	19	4.6	41.1	2.8	1.09	
E5514799 (4743444)	0.2	1.35	2	5	14	<0.5	<1	0.14	<0.5	18	7.1	59.0	4.3	1.40	
E5514800 (4743445)	<0.2	0.74	1	5	12	<0.5	<1	0.14	<0.5	34	4.9	43.4	3.3	1.66	
E5514801 (4743446)	0.2	1.44	3	5	48	<0.5	<1	0.19	<0.5	21	13.4	111	18.7	2.27	
E5514802 (4743447)	0.3	1.12	1	5	35	<0.5	<1	0.12	<0.5	15	6.4	46.5	2.5	1.22	
E5514803 (4743448)	<0.2	1.18	<1	5	15	<0.5	<1	0.13	<0.5	18	4.5	54.9	3.7	1.47	
E5514804 (4743449)	0.3	0.70	2	5	12	<0.5	<1	0.08	<0.5	16	2.4	29.1	2.7	0.99	
E5514805 (4743450)	0.2	1.21	2	5	19	<0.5	<1	0.16	<0.5	21	5.1	43.7	5.9	1.03	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013	DATE RECEIVED: Sep 17, 2013					DATE REPORTED: Sep 30, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5514806 (4743451)	0.2	0.97	<1	5	13	<0.5	<1	0.07	<0.5	17	1.9	19.2	2.1	1.24	
E5514807 (4743452)	0.3	0.75	1	5	10	<0.5	<1	0.18	<0.5	18	3.7	29.3	7.2	0.78	
E5514808 (4743453)	0.2	0.54	<1	5	10	<0.5	<1	0.14	<0.5	16	4.2	24.4	2.4	0.68	
E5514809 (4743454)	0.3	0.65	<1	5	13	<0.5	<1	0.15	<0.5	18	4.4	36.4	2.9	0.80	
E5514810 (4743455)	0.2	0.53	<1	5	11	<0.5	<1	0.16	<0.5	16	3.4	25.9	2.7	0.80	
E5514811 (4743456)	0.3	0.93	<1	5	15	<0.5	<1	0.10	<0.5	12	2.9	30.8	2.5	1.02	
E5514812 (4743457)	0.2	1.70	2	5	23	<0.5	<1	0.11	<0.5	20	7.0	90.1	5.9	2.37	
E5514813 (4743458)	0.3	0.74	3	5	15	<0.5	<1	0.15	<0.5	16	4.8	38.1	2.8	0.89	
E5514814 (4743459)	0.3	1.26	<1	5	15	<0.5	<1	0.10	<0.5	13	4.2	38.5	3.2	1.07	
E5514815 (4743460)	0.2	2.14	<1	5	21	<0.5	<1	0.11	<0.5	19	5.2	59.5	4.4	1.97	
E5514816 (4743461)	0.4	0.64	6	5	79	<0.5	1	1.14	0.9	25	11.0	20.6	19.1	0.82	
E5514817 (4743462)	0.3	0.74	<1	5	50	<0.5	<1	0.48	<0.5	16	3.1	26.3	26.8	0.49	
E5514818 (4743463)	0.3	0.16	<1	5	6	<0.5	1	0.01	<0.5	12	<0.5	4.1	0.6	0.02	
E5514819 (4743464)	0.2	0.94	<1	5	20	<0.5	<1	0.12	<0.5	21	3.7	26.6	2.0	0.95	
E5514820 (4743465)	0.2	0.60	1	5	18	<0.5	<1	0.11	<0.5	16	3.6	28.4	4.3	0.71	
E5514821 (4743466)	0.2	0.69	<1	5	11	<0.5	<1	0.12	<0.5	13	5.4	30.5	2.6	0.75	
E5514822 (4743467)	0.2	1.04	<1	5	17	<0.5	<1	0.12	<0.5	21	6.1	45.4	3.0	1.27	
E5514823 (4743468)	0.3	0.92	<1	5	7	<0.5	<1	0.06	<0.5	9	1.5	23.7	2.0	0.92	
E5514824 (4743469)	0.2	1.08	1	5	14	<0.5	<1	0.12	<0.5	22	5.1	54.7	4.5	1.32	
E5514825 (4743470)	0.4	0.70	4	5	74	<0.5	<1	1.08	0.7	23	11.0	20.8	18.7	0.85	
E5514826 (4743471)	0.3	0.78	<1	5	56	<0.5	<1	0.57	<0.5	16	4.0	25.9	31.3	0.57	
E5514827 (4743472)	0.4	0.19	<1	5	25	<0.5	<1	0.06	<0.5	<1	<0.5	1.8	3.1	0.04	
E5514828 (4743473)	0.2	1.34	<1	5	21	<0.5	<1	0.19	<0.5	19	5.7	50.7	3.9	1.25	
E5514829 (4743474)	0.2	0.87	1	5	13	<0.5	<1	0.09	<0.5	21	3.7	32.1	3.2	1.01	
E5514830 (4743475)	0.3	0.53	<1	5	30	<0.5	<1	0.12	<0.5	19	4.7	32.8	4.7	0.96	
E5514831 (4743476)	0.2	0.39	1	5	9	<0.5	<1	0.16	<0.5	21	3.0	25.1	2.8	0.74	
E5514832 (4743477)	0.2	1.11	2	5	12	<0.5	<1	0.17	<0.5	30	5.2	59.5	4.2	1.76	
E5514833 (4743478)	0.2	1.00	1	5	11	<0.5	<1	0.16	<0.5	18	5.1	36.8	2.2	0.98	
E5514834 (4743479)	0.2	0.81	<1	5	22	<0.5	<1	0.15	<0.5	22	4.2	31.7	3.7	0.75	
E5514835 (4743480)	0.2	0.98	<1	5	12	<0.5	<1	0.11	<0.5	12	3.7	27.7	2.3	0.89	
E5514836 (4743481)	0.3	0.45	<1	5	15	<0.5	<1	0.07	<0.5	15	1.8	22.6	1.7	1.00	
E5514837 (4743482)	0.3	0.27	<1	5	10	<0.5	<1	0.21	<0.5	18	2.8	24.6	3.1	0.34	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
Sample ID (AGAT ID)														
E5514838 (4743483)	0.2	0.48	1	<5	18	<0.5	<1	0.24	<0.5	39	4.5	58.5	4.5	1.59

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DATE SAMPLED: Sep 17, 2013

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SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5514710 (4743354)	<5	<1	<1	0.02	6	4	0.20	109	<0.5	<0.01	14.2	337	5.0	<10
E5514711 (4743355)	<5	<1	<1	0.02	7	3	0.18	160	1.6	<0.01	9.4	439	5.0	<10
E5514712 (4743356)	8	<1	<1	0.19	29	26	0.72	275	1.1	0.02	30.6	477	15.7	47
E5514713 (4743357)	<5	<1	<1	<0.01	1	<1	0.15	295	7.0	<0.01	5.3	424	4.1	<10
E5514714 (4743358)	<5	<1	<1	0.02	8	4	0.23	67	0.6	<0.01	15.9	310	6.0	<10
E5514715 (4743359)	5	<1	<1	0.04	71	8	0.19	87	2.3	<0.01	48.2	1270	15.1	12
E5514716 (4743360)	<5	<1	<1	0.02	7	5	0.21	87	0.5	<0.01	16.3	327	5.9	<10
E5514717 (4743361)	<5	<1	<1	0.02	8	4	0.22	63	0.6	<0.01	15.2	368	4.8	<10
E5514718 (4743362)	<5	<1	<1	0.02	9	5	0.22	81	1.0	<0.01	15.9	369	6.0	<10
E5514719 (4743363)	<5	<1	<1	0.03	9	5	0.22	83	0.8	<0.01	13.6	331	5.6	<10
E5514720 (4743364)	5	<1	1	0.02	7	7	0.20	78	0.6	<0.01	12.9	295	9.8	<10
E5514721 (4743365)	<5	<1	<1	0.03	9	5	0.28	113	0.6	<0.01	18.6	327	6.3	<10
E5514722 (4743366)	<5	<1	<1	0.05	13	7	0.63	143	1.0	0.01	22.7	623	8.2	12
E5514723 (4743367)	<5	<1	<1	0.07	15	13	0.35	100	0.9	0.01	19.7	491	7.7	14
E5514724 (4743368)	<5	<1	<1	0.03	9	7	0.27	96	0.6	<0.01	15.6	414	5.9	<10
E5514725 (4743369)	<5	<1	<1	0.05	14	10	0.32	137	0.9	0.01	18.8	542	6.4	<10
E5514726 (4743370)	5	<1	<1	0.02	8	2	0.08	43	1.2	<0.01	4.7	132	9.1	<10
E5514727 (4743371)	<5	<1	2	0.01	1	<1	0.23	1940	3.2	<0.01	7.3	877	3.9	<10
E5514728 (4743372)	<5	<1	1	0.01	15	2	0.23	277	5.7	<0.01	15.1	1930	10.1	<10
E5514729 (4743373)	<5	<1	<1	0.02	7	5	0.28	80	<0.5	<0.01	22.9	333	6.1	<10
E5514730 (4743374)	<5	<1	<1	0.02	8	3	0.22	117	1.9	<0.01	15.6	421	3.2	<10
E5514731 (4743375)	<5	<1	<1	0.02	13	5	0.19	130	1.8	<0.01	14.1	688	5.0	<10
E5514732 (4743376)	<5	<1	<1	0.01	2	<1	0.22	24	3.8	<0.01	4.4	467	11.9	<10
E5514733 (4743377)	<5	<1	<1	0.02	6	5	0.18	159	0.6	<0.01	18.8	604	6.4	<10
E5514734 (4743378)	<5	<1	<1	0.03	7	5	0.15	87	<0.5	<0.01	8.6	170	4.8	<10
E5514735 (4743379)	6	<1	<1	0.05	13	9	0.31	114	1.8	<0.01	16.4	435	8.8	12
E5514736 (4743380)	6	<1	<1	0.02	7	2	0.06	38	0.6	<0.01	3.7	165	8.9	<10
E5514737 (4743381)	<5	<1	<1	0.04	15	8	0.24	221	1.0	<0.01	17.7	796	8.7	<10
E5514738 (4743382)	<5	<1	<1	0.02	7	4	0.10	38	0.5	<0.01	9.6	122	6.2	<10
E5514739 (4743383)	<5	<1	<1	0.03	12	5	0.30	188	0.5	0.01	18.8	493	5.5	<10
E5514740 (4743384)	<5	<1	<1	0.02	9	4	0.27	110	<0.5	<0.01	22.6	360	3.9	<10
E5514741 (4743385)	<5	<1	<1	0.01	6	3	0.26	53	0.6	<0.01	22.7	347	3.8	<10

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U759078

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
Sample ID (AGAT ID)														
E5514742 (4743386)	<5	<1	<1	0.01	4	2	0.07	22	<0.5	<0.01	5.5	104	6.6	<10
E5514743 (4743387)	<5	<1	<1	<0.01	6	4	0.32	72	<0.5	<0.01	41.9	272	5.5	<10
E5514744 (4743388)	10	1	2	0.04	10	20	0.79	275	0.8	<0.01	194	585	14.9	18
E5514745 (4743389)	<5	<1	<1	0.02	6	6	0.16	78	<0.5	<0.01	22.4	440	8.7	<10
E5514746 (4743390)	<5	<1	<1	0.03	6	6	0.23	92	0.9	<0.01	13.9	336	6.5	<10
E5514747 (4743391)	<5	<1	<1	0.04	19	6	0.29	104	1.1	<0.01	15.6	452	7.4	<10
E5514748 (4743392)	5	<1	<1	0.02	8	6	0.17	64	<0.5	<0.01	12.0	314	10.4	<10
E5514749 (4743393)	<5	<1	<1	0.02	6	6	0.17	67	<0.5	<0.01	17.3	350	8.6	<10
E5514750 (4743394)	<5	<1	<1	0.02	8	4	0.12	52	<0.5	<0.01	8.0	235	6.8	<10
E5514751 (4743395)	<5	<1	<1	0.02	10	4	0.20	92	0.7	<0.01	15.5	611	6.8	<10
E5514752 (4743396)	<5	<1	<1	0.02	6	4	0.17	53	0.6	<0.01	18.8	184	5.3	<10
E5514753 (4743397)	<5	<1	1	0.02	8	4	0.12	164	<0.5	<0.01	13.8	320	6.6	<10
E5514754 (4743398)	5	<1	<1	0.03	8	9	0.33	117	<0.5	<0.01	34.6	476	10.1	<10
E5514755 (4743399)	<5	<1	<1	0.02	7	4	0.10	67	1.5	<0.01	13.0	196	7.3	<10
E5514756 (4743400)	<5	<1	<1	0.01	7	5	0.23	156	<0.5	<0.01	29.1	389	8.5	<10
E5514757 (4743401)	<5	<1	<1	0.01	6	5	0.12	64	<0.5	<0.01	15.7	443	7.9	<10
E5514758 (4743402)	<5	<1	4	0.05	7	4	0.15	268	5.2	<0.01	7.7	167	19.1	17
E5514759 (4743403)	<5	<1	1	0.03	8	6	0.24	129	1.6	<0.01	15.1	336	13.9	<10
E5514760 (4743404)	<5	<1	<1	0.03	8	6	0.24	121	1.4	<0.01	13.9	309	13.2	<10
E5514761 (4743405)	<5	<1	<1	0.02	7	4	0.20	62	0.5	<0.01	14.9	408	8.0	<10
E5514762 (4743406)	<5	<1	<1	0.03	9	5	0.27	112	0.5	<0.01	18.5	627	8.9	<10
E5514763 (4743407)	<5	<1	<1	0.04	13	8	0.30	71	1.0	0.01	20.4	613	10.2	<10
E5514764 (4743408)	<5	<1	2	0.02	12	5	0.24	78	<0.5	<0.01	25.9	276	9.1	<10
E5514765 (4743409)	<5	<1	<1	0.03	7	5	0.24	83	<0.5	<0.01	19.9	369	6.6	<10
E5514766 (4743410)	<5	<1	<1	0.03	8	7	0.26	89	0.7	0.01	17.8	470	8.2	<10
E5514767 (4743411)	<5	<1	<1	<0.01	4	<1	0.02	20	<0.5	<0.01	2.0	54	3.0	<10
E5514768 (4743412)	<5	<1	<1	0.02	8	5	0.20	122	<0.5	<0.01	23.7	452	6.9	<10
E5514769 (4743413)	8	<1	5	0.04	10	14	1.10	341	<0.5	0.01	100	413	12.2	14
E5514770 (4743414)	7	<1	<1	0.03	7	12	0.22	144	0.8	<0.01	11.0	403	15.6	<10
E5514771 (4743415)	7	<1	<1	0.03	9	9	0.23	95	1.5	<0.01	12.9	216	12.9	<10
E5514772 (4743416)	<5	<1	<1	0.02	8	4	0.16	90	0.6	<0.01	9.7	350	8.9	<10
E5514773 (4743417)	<5	<1	<1	0.01	9	3	0.12	51	1.1	<0.01	7.1	293	4.9	<10

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AGAT WORK ORDER: 13U759078

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

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SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5514774 (4743418)	<5	<1	<1	0.03	10	7	0.37	181	0.6	0.01	33.9	400	8.4	<10
E5514775 (4743419)	<5	<1	<1	0.02	1	<1	0.03	31	2.0	<0.01	7.0	795	22.4	<10
E5514776 (4743420)	7	<1	1	0.02	7	4	0.12	43	<0.5	<0.01	8.7	308	14.1	<10
E5514777 (4743421)	<5	<1	2	0.02	8	5	0.23	101	<0.5	<0.01	20.8	488	5.5	<10
E5514778 (4743422)	<5	<1	1	0.02	7	6	0.28	89	<0.5	<0.01	32.9	514	7.5	<10
E5514779 (4743423)	<5	<1	<1	0.01	7	5	0.21	71	<0.5	<0.01	32.5	268	7.4	<10
E5514780 (4743424)	<5	<1	<1	0.02	5	4	0.20	91	1.6	<0.01	21.6	312	4.5	<10
E5514781 (4743425)	<5	<1	<1	0.02	7	4	0.16	86	<0.5	<0.01	16.8	487	6.7	<10
E5514782 (4743426)	<5	<1	<1	0.02	5	1	0.08	71	1.7	<0.01	3.0	167	14.7	<10
E5514783 (4743427)	7	<1	1	0.02	7	6	0.12	101	1.3	<0.01	6.7	144	12.0	<10
E5514784 (4743429)	5	<1	<1	0.02	7	3	0.12	51	0.5	<0.01	7.2	156	7.0	<10
E5514785 (4743430)	<5	<1	<1	0.02	8	3	0.11	47	0.5	<0.01	6.9	143	6.8	<10
E5514786 (4743431)	<5	<1	<1	0.02	8	5	0.30	126	<0.5	<0.01	31.1	525	7.4	<10
E5514787 (4743432)	<5	<1	<1	0.03	7	6	0.24	147	0.5	<0.01	22.2	544	8.5	10
E5514788 (4743433)	7	<1	<1	0.03	7	4	0.10	420	<0.5	<0.01	8.8	1020	10.1	<10
E5514789 (4743434)	6	<1	<1	0.02	8	6	0.18	85	<0.5	<0.01	19.2	571	12.1	<10
E5514790 (4743435)	6	<1	<1	0.01	7	5	0.14	159	<0.5	<0.01	16.8	580	10.4	<10
E5514791 (4743436)	<5	<1	<1	0.02	7	6	0.19	75	<0.5	<0.01	35.6	333	8.6	<10
E5514792 (4743437)	<5	<1	<1	0.02	6	4	0.25	93	0.5	<0.01	57.4	357	5.3	<10
E5514793 (4743438)	<5	<1	1	0.01	7	5	0.24	71	<0.5	<0.01	30.0	396	7.0	<10
E5514794 (4743439)	6	<1	1	0.02	8	6	0.12	65	0.9	<0.01	6.6	293	12.3	<10
E5514795 (4743440)	<5	<1	<1	<0.01	7	<1	0.29	48	12.0	<0.01	11.4	630	5.6	<10
E5514796 (4743441)	<5	<1	<1	0.02	9	5	0.21	88	0.7	<0.01	12.8	555	13.2	<10
E5514797 (4743442)	10	<1	1	0.05	11	17	1.13	1740	<0.5	0.01	148	947	16.1	16
E5514798 (4743443)	<5	<1	<1	0.02	9	5	0.22	138	0.6	<0.01	28.6	646	7.5	<10
E5514799 (4743444)	<5	<1	<1	0.01	8	6	0.35	156	<0.5	<0.01	41.4	464	10.4	<10
E5514800 (4743445)	<5	<1	<1	0.01	16	4	0.20	135	0.8	<0.01	26.3	382	7.0	<10
E5514801 (4743446)	9	<1	1	0.03	10	12	0.60	248	<0.5	<0.01	88.8	518	15.0	10
E5514802 (4743447)	5	<1	<1	0.02	7	8	0.15	132	0.7	<0.01	38.5	228	7.7	<10
E5514803 (4743448)	6	<1	1	0.02	8	5	0.20	158	<0.5	<0.01	29.2	875	9.7	<10
E5514804 (4743449)	<5	<1	1	0.01	8	3	0.09	65	<0.5	<0.01	13.0	382	9.6	<10
E5514805 (4743450)	<5	<1	1	0.03	8	7	0.33	110	1.6	0.01	30.3	179	8.2	<10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
Sample ID (AGAT ID)														
E5514806 (4743451)	8	<1	1	0.02	9	4	0.09	49	0.7	<0.01	5.4	167	13.0	<10
E5514807 (4743452)	<5	<1	<1	0.02	8	4	0.24	77	0.7	<0.01	19.5	411	6.8	<10
E5514808 (4743453)	<5	<1	<1	0.02	7	4	0.18	142	0.6	<0.01	16.2	409	5.0	<10
E5514809 (4743454)	<5	<1	<1	0.02	7	4	0.26	115	<0.5	<0.01	27.6	423	5.2	<10
E5514810 (4743455)	<5	<1	<1	0.01	7	4	0.18	100	<0.5	<0.01	20.5	413	4.3	<10
E5514811 (4743456)	5	<1	<1	0.01	6	4	0.12	120	<0.5	<0.01	13.7	437	8.1	<10
E5514812 (4743457)	8	<1	2	0.02	10	8	0.20	97	<0.5	<0.01	52.0	433	12.5	<10
E5514813 (4743458)	<5	<1	1	0.02	8	5	0.24	100	<0.5	<0.01	27.4	427	6.6	<10
E5514814 (4743459)	<5	<1	<1	0.01	6	6	0.20	71	0.5	<0.01	26.2	327	9.5	<10
E5514815 (4743460)	8	<1	<1	0.02	9	7	0.16	141	<0.5	<0.01	29.3	514	17.0	<10
E5514816 (4743461)	5	<1	<1	0.04	13	3	0.14	1040	2.8	<0.01	13.8	808	31.8	<10
E5514817 (4743462)	<5	<1	<1	0.04	9	5	0.18	89	2.6	<0.01	12.8	366	7.4	<10
E5514818 (4743463)	<5	<1	<1	<0.01	6	<1	<0.01	14	<0.5	<0.01	<0.5	71	3.4	<10
E5514819 (4743464)	<5	<1	<1	0.02	10	5	0.13	144	0.7	<0.01	13.8	331	8.1	<10
E5514820 (4743465)	<5	<1	<1	0.02	7	4	0.21	66	<0.5	<0.01	18.9	347	6.0	<10
E5514821 (4743466)	<5	<1	<1	0.02	5	4	0.24	123	0.5	<0.01	25.5	330	6.7	<10
E5514822 (4743467)	<5	<1	1	0.02	10	6	0.23	84	<0.5	<0.01	34.3	435	8.3	<10
E5514823 (4743468)	<5	<1	<1	0.01	4	3	0.08	40	<0.5	<0.01	7.5	755	7.8	<10
E5514824 (4743469)	<5	<1	<1	0.02	10	6	0.27	172	0.6	<0.01	30.4	546	8.3	<10
E5514825 (4743470)	<5	<1	4	0.04	11	4	0.14	918	2.7	<0.01	12.3	741	21.6	<10
E5514826 (4743471)	<5	<1	<1	0.04	9	5	0.22	111	2.9	<0.01	15.1	390	8.2	<10
E5514827 (4743472)	<5	<1	<1	<0.01	<1	<1	<0.01	7	0.9	<0.01	1.5	457	2.5	<10
E5514828 (4743473)	<5	<1	<1	0.03	8	7	0.37	134	<0.5	<0.01	32.3	516	10.9	<10
E5514829 (4743474)	<5	1	1	0.01	9	4	0.17	68	<0.5	<0.01	17.6	348	8.4	<10
E5514830 (4743475)	6	<1	<1	0.03	10	4	0.13	364	1.9	<0.01	18.2	207	10.5	<10
E5514831 (4743476)	<5	<1	<1	0.01	10	3	0.18	99	0.9	<0.01	20.7	398	4.6	<10
E5514832 (4743477)	6	<1	<1	0.01	14	6	0.31	118	<0.5	<0.01	32.6	496	10.0	<10
E5514833 (4743478)	<5	<1	1	0.03	8	6	0.23	124	0.6	<0.01	20.7	541	7.1	<10
E5514834 (4743479)	<5	<1	<1	0.04	11	7	0.24	83	<0.5	<0.01	22.2	304	7.8	13
E5514835 (4743480)	<5	<1	<1	0.01	5	5	0.18	81	<0.5	<0.01	21.5	345	7.9	<10
E5514836 (4743481)	6	<1	1	0.02	7	2	0.06	75	0.5	<0.01	7.1	199	8.6	<10
E5514837 (4743482)	<5	<1	<1	0.01	8	3	0.20	55	1.0	<0.01	16.2	442	3.9	<10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013		DATE RECEIVED: Sep 17, 2013						DATE REPORTED: Sep 30, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5514838 (4743483)	<5	<1	<1	0.02	19	4	0.34	152	0.5	<0.01	26.2	523	5.5	<10	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013	DATE RECEIVED: Sep 17, 2013					DATE REPORTED: Sep 30, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5514710 (4743354)	<0.005	1	1.1	<10	<5	4.5	<10	<10	<5	0.04	<5	<5	12.9	<1	
E5514711 (4743355)	0.091	<1	1.3	<10	<5	15.1	<10	<10	<5	0.03	<5	<5	12.3	<1	
E5514712 (4743356)	0.037	<1	6.4	<10	9	34.3	<10	<10	7	0.11	<5	<5	45.1	<1	
E5514713 (4743357)	0.864	2	0.7	<10	18	63.0	<10	<10	<5	<0.01	<5	<5	8.1	<1	
E5514714 (4743358)	0.020	<1	1.4	<10	<5	7.4	<10	<10	<5	0.05	<5	<5	15.3	<1	
E5514715 (4743359)	0.199	2	4.5	<10	9	44.7	<10	<10	<5	0.03	<5	5	28.1	<1	
E5514716 (4743360)	0.011	<1	1.6	<10	<5	4.6	<10	<10	<5	0.06	<5	<5	19.2	<1	
E5514717 (4743361)	0.006	<1	1.3	<10	<5	6.9	<10	<10	<5	0.05	<5	<5	15.4	<1	
E5514718 (4743362)	0.030	<1	1.5	<10	<5	10.2	<10	<10	<5	0.04	<5	<5	16.4	<1	
E5514719 (4743363)	0.006	<1	1.7	<10	<5	8.5	<10	<10	<5	0.05	<5	<5	14.5	<1	
E5514720 (4743364)	0.017	<1	2.0	<10	<5	5.8	<10	<10	<5	0.07	<5	<5	29.0	<1	
E5514721 (4743365)	<0.005	<1	1.7	<10	<5	7.1	<10	<10	<5	0.06	<5	<5	18.3	<1	
E5514722 (4743366)	0.029	1	2.6	<10	7	24.0	<10	<10	<5	0.06	<5	<5	21.4	<1	
E5514723 (4743367)	0.021	2	2.8	<10	<5	17.7	<10	<10	<5	0.06	<5	<5	23.3	<1	
E5514724 (4743368)	0.012	<1	1.8	<10	<5	9.4	<10	<10	<5	0.06	<5	<5	18.4	<1	
E5514725 (4743369)	0.006	2	3.1	<10	5	13.7	<10	<10	<5	0.07	<5	<5	23.6	<1	
E5514726 (4743370)	0.013	<1	1.1	<10	7	5.1	<10	<10	<5	0.12	<5	<5	32.9	<1	
E5514727 (4743371)	0.429	3	1.1	<10	13	50.4	<10	<10	<5	<0.01	<5	<5	4.0	<1	
E5514728 (4743372)	1.38	2	2.1	<10	13	62.6	<10	<10	<5	0.02	<5	<5	24.0	<1	
E5514729 (4743373)	0.008	<1	1.5	<10	<5	5.9	<10	<10	<5	0.05	<5	<5	19.3	<1	
E5514730 (4743374)	<0.005	<1	1.3	<10	<5	7.3	<10	<10	<5	0.05	<5	<5	14.5	<1	
E5514731 (4743375)	0.068	1	1.8	<10	<5	10.5	<10	<10	<5	0.03	<5	<5	27.2	<1	
E5514732 (4743376)	0.496	2	0.8	<10	13	47.1	<10	<10	<5	<0.01	<5	<5	7.1	<1	
E5514733 (4743377)	0.006	<1	1.5	<10	<5	4.1	<10	<10	<5	0.04	<5	<5	20.3	<1	
E5514734 (4743378)	<0.005	<1	1.3	<10	<5	7.0	<10	<10	<5	0.05	<5	<5	13.2	<1	
E5514735 (4743379)	0.076	2	2.5	<10	<5	15.0	<10	<10	<5	0.06	<5	<5	24.0	<1	
E5514736 (4743380)	0.010	<1	0.6	<10	<5	4.5	<10	<10	<5	0.08	<5	<5	29.3	<1	
E5514737 (4743381)	0.031	<1	1.9	<10	<5	9.3	<10	<10	<5	0.03	<5	<5	22.9	<1	
E5514738 (4743382)	0.007	<1	0.9	<10	<5	6.4	<10	<10	<5	0.06	<5	<5	13.0	<1	
E5514739 (4743383)	<0.005	<1	2.3	<10	5	10.4	<10	<10	<5	0.06	<5	<5	20.4	<1	
E5514740 (4743384)	<0.005	<1	1.7	<10	<5	6.1	<10	<10	<5	0.05	<5	<5	16.5	<1	
E5514741 (4743385)	<0.005	<1	1.0	<10	<5	6.3	<10	<10	<5	0.04	<5	<5	13.4	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013	DATE RECEIVED: Sep 17, 2013		DATE REPORTED: Sep 30, 2013		SAMPLE TYPE: Soil									
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5514742 (4743386)	0.010	<1	0.6	<10	<5	3.5	<10	<10	<5	0.04	<5	<5	8.7	<1
E5514743 (4743387)	0.015	<1	1.5	<10	<5	3.8	<10	<10	<5	0.05	<5	<5	22.6	<1
E5514744 (4743388)	0.025	<1	3.3	<10	7	12.2	<10	<10	<5	0.12	<5	<5	66.0	1
E5514745 (4743389)	0.013	<1	1.4	<10	<5	4.8	<10	<10	<5	0.06	<5	<5	24.4	<1
E5514746 (4743390)	0.007	<1	1.6	<10	<5	7.3	<10	<10	<5	0.06	<5	<5	19.0	<1
E5514747 (4743391)	0.044	<1	2.7	<10	<5	17.2	<10	<10	<5	0.06	<5	<5	26.1	<1
E5514748 (4743392)	0.032	<1	2.1	<10	<5	5.5	<10	<10	<5	0.08	<5	<5	32.1	<1
E5514749 (4743393)	0.010	<1	1.5	<10	<5	4.3	<10	<10	<5	0.05	<5	<5	20.2	<1
E5514750 (4743394)	0.008	<1	1.0	<10	<5	6.2	<10	<10	<5	0.05	<5	<5	13.7	<1
E5514751 (4743395)	0.011	<1	1.6	<10	<5	9.0	<10	<10	<5	0.06	<5	<5	18.3	<1
E5514752 (4743396)	0.014	1	1.5	<10	<5	4.6	<10	<10	<5	0.05	<5	<5	16.6	<1
E5514753 (4743397)	0.009	<1	1.1	<10	<5	5.5	<10	<10	<5	0.05	<5	<5	22.0	<1
E5514754 (4743398)	0.017	<1	2.0	<10	<5	11.9	<10	<10	<5	0.07	<5	<5	28.7	<1
E5514755 (4743399)	0.006	<1	1.2	<10	<5	6.1	<10	<10	<5	0.06	<5	<5	22.0	<1
E5514756 (4743400)	0.012	2	1.3	<10	<5	6.6	<10	<10	<5	0.06	<5	<5	24.5	<1
E5514757 (4743401)	0.011	<1	1.2	<10	<5	5.9	<10	<10	<5	0.05	<5	<5	18.5	<1
E5514758 (4743402)	0.025	1	1.3	<10	5	18.6	<10	<10	<5	0.08	<5	<5	25.5	<1
E5514759 (4743403)	0.014	<1	2.1	<10	6	10.8	<10	<10	<5	0.09	<5	<5	30.5	<1
E5514760 (4743404)	0.014	<1	1.9	<10	5	10.9	<10	<10	<5	0.09	<5	<5	28.5	<1
E5514761 (4743405)	0.016	1	1.6	<10	<5	8.0	<10	<10	<5	0.05	<5	<5	20.6	<1
E5514762 (4743406)	0.013	<1	2.0	<10	<5	10.1	<10	<10	<5	0.06	<5	<5	25.3	<1
E5514763 (4743407)	0.120	<1	1.8	<10	5	16.2	<10	<10	<5	0.04	<5	<5	22.1	<1
E5514764 (4743408)	0.046	<1	2.4	<10	<5	6.0	<10	<10	5	0.08	<5	<5	27.6	<1
E5514765 (4743409)	0.009	1	1.5	<10	<5	7.4	<10	<10	<5	0.06	<5	<5	18.4	<1
E5514766 (4743410)	0.007	<1	1.8	<10	<5	10.4	<10	<10	<5	0.07	<5	<5	18.3	<1
E5514767 (4743411)	<0.005	<1	<0.5	<10	<5	4.2	<10	<10	<5	0.04	<5	<5	11.0	<1
E5514768 (4743412)	0.018	1	1.5	<10	<5	6.2	<10	<10	<5	0.05	<5	<5	19.2	<1
E5514769 (4743413)	0.012	<1	3.4	<10	6	12.5	<10	<10	6	0.09	<5	<5	46.8	<1
E5514770 (4743414)	0.037	<1	2.9	<10	6	9.4	<10	<10	<5	0.10	<5	<5	36.8	<1
E5514771 (4743415)	0.023	<1	3.1	<10	7	9.6	<10	<10	<5	0.10	<5	<5	36.2	<1
E5514772 (4743416)	0.017	<1	1.5	<10	<5	7.6	<10	<10	<5	0.07	<5	<5	25.9	<1
E5514773 (4743417)	0.045	<1	0.9	<10	<5	9.3	<10	<10	<5	0.03	<5	<5	7.6	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013	DATE RECEIVED: Sep 17, 2013					DATE REPORTED: Sep 30, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5514774 (4743418)	0.019	<1	2.5	<10	<5	10.3	<10	<10	<5	0.07	<5	<5	23.8	<1	
E5514775 (4743419)	0.321	<1	<0.5	<10	<5	27.0	<10	<10	<5	<0.01	<5	<5	3.0	<1	
E5514776 (4743420)	0.025	<1	2.1	<10	<5	5.7	<10	<10	<5	0.06	<5	<5	29.5	<1	
E5514777 (4743421)	0.006	<1	1.7	<10	<5	7.6	<10	<10	<5	0.05	<5	<5	19.8	<1	
E5514778 (4743422)	0.015	<1	2.1	<10	<5	6.7	<10	<10	<5	0.06	<5	<5	22.0	<1	
E5514779 (4743423)	0.008	<1	1.4	<10	<5	5.9	<10	<10	<5	0.05	<5	<5	24.0	<1	
E5514780 (4743424)	<0.005	<1	1.0	<10	<5	5.1	<10	<10	<5	0.04	<5	<5	14.2	<1	
E5514781 (4743425)	0.013	<1	1.4	<10	<5	4.7	<10	<10	<5	0.05	<5	<5	18.3	<1	
E5514782 (4743426)	0.011	<1	1.1	<10	7	9.8	<10	<10	<5	0.13	<5	<5	37.6	<1	
E5514783 (4743427)	0.041	<1	2.4	<10	7	7.4	<10	<10	<5	0.12	<5	<5	48.9	2	
E5514784 (4743429)	0.012	<1	1.4	<10	5	9.7	<10	<10	<5	0.08	<5	<5	15.3	<1	
E5514785 (4743430)	0.010	<1	1.3	<10	<5	8.8	<10	<10	<5	0.07	<5	<5	14.6	<1	
E5514786 (4743431)	0.006	<1	1.9	<10	<5	9.4	<10	<10	<5	0.06	<5	<5	20.2	<1	
E5514787 (4743432)	0.009	<1	1.7	<10	<5	7.5	<10	<10	<5	0.05	<5	<5	20.6	<1	
E5514788 (4743433)	0.008	<1	1.0	<10	<5	7.5	<10	<10	<5	0.07	<5	<5	25.5	<1	
E5514789 (4743434)	0.013	2	1.6	<10	<5	6.9	<10	<10	<5	0.07	<5	<5	34.2	<1	
E5514790 (4743435)	0.016	<1	1.3	<10	<5	5.7	<10	<10	<5	0.06	<5	<5	29.6	<1	
E5514791 (4743436)	0.012	1	1.5	<10	<5	6.5	<10	<10	<5	0.06	<5	<5	25.6	<1	
E5514792 (4743437)	<0.005	<1	1.3	<10	<5	7.4	<10	<10	<5	0.05	<5	<5	15.7	<1	
E5514793 (4743438)	0.024	2	1.6	<10	<5	5.8	<10	<10	<5	0.06	<5	<5	24.1	<1	
E5514794 (4743439)	0.032	1	1.9	<10	<5	7.7	<10	<10	<5	0.08	<5	<5	39.2	<1	
E5514795 (4743440)	0.819	3	1.5	14	16	59.1	<10	<10	<5	<0.01	<5	<5	137	<1	
E5514796 (4743441)	0.021	<1	1.6	<10	<5	6.6	<10	<10	<5	0.05	<5	<5	25.4	<1	
E5514797 (4743442)	0.020	2	3.5	<10	8	11.7	<10	<10	<5	0.11	<5	<5	63.9	2	
E5514798 (4743443)	0.010	<1	1.4	<10	<5	6.6	<10	<10	<5	0.05	<5	<5	24.2	<1	
E5514799 (4743444)	0.013	1	1.7	<10	<5	6.7	<10	<10	5	0.06	<5	<5	33.7	<1	
E5514800 (4743445)	0.005	1	1.6	<10	<5	6.7	<10	<10	8	0.07	<5	<5	40.0	<1	
E5514801 (4743446)	0.016	2	2.3	<10	7	11.7	<10	<10	<5	0.10	<5	<5	53.7	<1	
E5514802 (4743447)	0.014	<1	1.2	<10	<5	9.4	<10	<10	<5	0.07	<5	<5	24.6	<1	
E5514803 (4743448)	0.019	<1	1.8	<10	<5	5.8	<10	<10	<5	0.07	<5	<5	37.3	<1	
E5514804 (4743449)	0.010	2	0.8	<10	<5	4.7	<10	<10	<5	0.04	<5	<5	23.1	<1	
E5514805 (4743450)	0.015	<1	2.2	<10	<5	9.9	<10	<10	<5	0.08	<5	<5	20.6	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5514806 (4743451)	0.023	<1	1.6	<10	<5	6.1	<10	<10	<5	0.08	<5	<5	32.3	<1
E5514807 (4743452)	0.009	<1	1.7	<10	<5	7.0	<10	<10	<5	0.05	<5	<5	19.1	<1
E5514808 (4743453)	0.006	<1	1.1	<10	<5	6.5	<10	<10	<5	0.04	<5	<5	14.3	<1
E5514809 (4743454)	0.007	<1	1.5	<10	<5	5.9	<10	<10	<5	0.05	<5	<5	18.8	<1
E5514810 (4743455)	0.006	<1	1.1	<10	<5	6.1	<10	<10	<5	0.05	<5	<5	18.9	<1
E5514811 (4743456)	0.008	1	1.2	<10	<5	4.3	<10	<10	<5	0.05	<5	<5	25.5	<1
E5514812 (4743457)	0.016	2	2.0	<10	5	6.6	<10	<10	<5	0.09	<5	<5	51.7	1
E5514813 (4743458)	0.006	<1	1.2	<10	<5	8.2	<10	<10	<5	0.05	<5	<5	21.6	<1
E5514814 (4743459)	0.027	<1	1.5	<10	<5	6.2	<10	<10	<5	0.06	<5	<5	22.6	<1
E5514815 (4743460)	0.022	2	1.9	<10	<5	6.8	<10	<10	<5	0.08	<5	<5	44.3	<1
E5514816 (4743461)	0.150	<1	1.2	<10	6	36.4	<10	<10	<5	0.02	<5	<5	14.0	<1
E5514817 (4743462)	0.227	<1	2.3	<10	<5	18.8	<10	<10	<5	0.04	<5	<5	13.0	<1
E5514818 (4743463)	0.015	<1	<0.5	<10	<5	1.9	<10	<10	<5	0.02	<5	<5	1.7	<1
E5514819 (4743464)	0.010	<1	1.1	<10	<5	6.8	<10	<10	<5	0.05	<5	<5	20.4	<1
E5514820 (4743465)	0.007	<1	1.7	<10	<5	6.1	<10	<10	<5	0.05	<5	<5	16.0	<1
E5514821 (4743466)	0.006	<1	1.2	<10	<5	5.5	<10	<10	<5	0.04	<5	<5	15.8	<1
E5514822 (4743467)	0.020	<1	2.0	<10	<5	6.2	<10	<10	<5	0.06	<5	<5	29.1	<1
E5514823 (4743468)	0.017	<1	1.0	<10	<5	3.8	<10	<10	<5	0.04	<5	<5	21.0	<1
E5514824 (4743469)	0.019	<1	2.0	<10	<5	6.1	<10	<10	<5	0.06	<5	<5	31.3	<1
E5514825 (4743470)	0.145	1	1.2	<10	6	35.1	<10	<10	<5	0.02	<5	<5	13.8	<1
E5514826 (4743471)	0.261	1	2.3	<10	<5	19.9	<10	<10	<5	0.04	<5	<5	13.4	<1
E5514827 (4743472)	0.151	<1	<0.5	<10	<5	7.8	<10	<10	<5	<0.01	<5	<5	1.8	<1
E5514828 (4743473)	0.013	<1	1.8	<10	<5	11.2	<10	<10	<5	0.07	<5	<5	24.7	<1
E5514829 (4743474)	0.015	<1	1.5	<10	<5	5.1	<10	<10	<5	0.05	<5	<5	23.6	<1
E5514830 (4743475)	0.011	<1	1.0	<10	<5	7.3	<10	<10	<5	0.06	<5	<5	28.3	<1
E5514831 (4743476)	<0.005	<1	1.1	<10	<5	6.5	<10	<10	<5	0.05	<5	<5	17.0	<1
E5514832 (4743477)	0.010	<1	1.5	<10	<5	7.5	<10	<10	5	0.07	<5	<5	38.4	<1
E5514833 (4743478)	0.009	<1	1.6	<10	<5	8.1	<10	<10	<5	0.05	<5	<5	20.8	<1
E5514834 (4743479)	0.008	1	1.7	<10	<5	9.0	<10	<10	<5	0.05	<5	<5	18.5	<1
E5514835 (4743480)	0.028	1	1.3	<10	<5	4.7	<10	<10	<5	0.05	<5	<5	19.6	<1
E5514836 (4743481)	0.010	1	0.8	<10	<5	5.4	<10	<10	<5	0.06	<5	<5	34.6	<1
E5514837 (4743482)	0.006	<1	1.1	<10	<5	6.5	<10	<10	<5	0.04	<5	<5	10.0	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U759078

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5514838 (4743483)		0.025	2	2.6	<10	<5	10.4	<10	<10	5	0.05	<5	<5	50.3	<1

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013	DATE RECEIVED: Sep 17, 2013	DATE REPORTED: Sep 30, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5514710 (4743354)	2	8.6	<5	
E5514711 (4743355)	3	16.6	<5	
E5514712 (4743356)	10	46.3	9	
E5514713 (4743357)	1	38.0	<5	
E5514714 (4743358)	3	10.5	<5	
E5514715 (4743359)	46	15.9	<5	
E5514716 (4743360)	3	9.0	<5	
E5514717 (4743361)	3	7.7	<5	
E5514718 (4743362)	4	12.1	<5	
E5514719 (4743363)	4	10.3	<5	
E5514720 (4743364)	3	12.1	<5	
E5514721 (4743365)	3	11.0	<5	
E5514722 (4743366)	5	19.8	<5	
E5514723 (4743367)	6	19.9	<5	
E5514724 (4743368)	4	11.4	<5	
E5514725 (4743369)	6	15.2	5	
E5514726 (4743370)	2	6.9	<5	
E5514727 (4743371)	2	29.4	<5	
E5514728 (4743372)	9	125	<5	
E5514729 (4743373)	3	9.8	<5	
E5514730 (4743374)	3	7.4	<5	
E5514731 (4743375)	6	15.2	<5	
E5514732 (4743376)	2	45.0	<5	
E5514733 (4743377)	3	21.0	<5	
E5514734 (4743378)	2	7.6	<5	
E5514735 (4743379)	5	15.0	<5	
E5514736 (4743380)	1	12.1	<5	
E5514737 (4743381)	6	17.5	<5	
E5514738 (4743382)	2	5.9	<5	
E5514739 (4743383)	5	13.1	<5	
E5514740 (4743384)	4	8.3	<5	
E5514741 (4743385)	2	7.5	<5	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013	DATE RECEIVED: Sep 17, 2013	DATE REPORTED: Sep 30, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5514742 (4743386)	1	5.8	<5	
E5514743 (4743387)	2	9.0	<5	
E5514744 (4743388)	3	56.2	<5	
E5514745 (4743389)	2	22.6	<5	
E5514746 (4743390)	3	9.6	<5	
E5514747 (4743391)	9	16.0	<5	
E5514748 (4743392)	3	8.6	<5	
E5514749 (4743393)	2	8.2	<5	
E5514750 (4743394)	2	7.4	<5	
E5514751 (4743395)	4	9.7	<5	
E5514752 (4743396)	2	7.4	<5	
E5514753 (4743397)	2	15.1	<5	
E5514754 (4743398)	3	16.7	<5	
E5514755 (4743399)	2	8.3	<5	
E5514756 (4743400)	2	13.5	<5	
E5514757 (4743401)	2	10.4	<5	
E5514758 (4743402)	3	20.7	<5	
E5514759 (4743403)	4	15.1	<5	
E5514760 (4743404)	4	15.4	<5	
E5514761 (4743405)	4	7.9	<5	
E5514762 (4743406)	4	12.7	<5	
E5514763 (4743407)	6	22.9	<5	
E5514764 (4743408)	2	9.0	<5	
E5514765 (4743409)	3	10.6	<5	
E5514766 (4743410)	3	20.1	<5	
E5514767 (4743411)	1	2.2	<5	
E5514768 (4743412)	3	15.9	<5	
E5514769 (4743413)	3	35.1	<5	
E5514770 (4743414)	4	24.0	<5	
E5514771 (4743415)	5	12.4	<5	
E5514772 (4743416)	3	12.7	<5	
E5514773 (4743417)	3	11.9	<5	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5514774 (4743418)		4	14.4	<5
E5514775 (4743419)		<1	26.5	<5
E5514776 (4743420)		3	7.6	<5
E5514777 (4743421)		3	11.3	<5
E5514778 (4743422)		3	17.1	<5
E5514779 (4743423)		2	11.5	<5
E5514780 (4743424)		2	8.2	<5
E5514781 (4743425)		2	13.5	<5
E5514782 (4743426)		2	9.7	<5
E5514783 (4743427)		3	14.3	<5
E5514784 (4743429)		2	7.6	<5
E5514785 (4743430)		2	7.7	<5
E5514786 (4743431)		4	23.3	<5
E5514787 (4743432)		3	10.4	<5
E5514788 (4743433)		2	30.3	<5
E5514789 (4743434)		3	10.6	<5
E5514790 (4743435)		2	12.4	<5
E5514791 (4743436)		2	15.9	<5
E5514792 (4743437)		3	8.3	<5
E5514793 (4743438)		2	12.1	<5
E5514794 (4743439)		2	15.2	<5
E5514795 (4743440)		5	26.4	<5
E5514796 (4743441)		4	16.9	<5
E5514797 (4743442)		3	60.9	<5
E5514798 (4743443)		3	26.9	<5
E5514799 (4743444)		3	18.8	<5
E5514800 (4743445)		4	16.4	<5
E5514801 (4743446)		3	31.3	<5
E5514802 (4743447)		2	41.2	<5
E5514803 (4743448)		3	20.2	<5
E5514804 (4743449)		2	11.9	<5
E5514805 (4743450)		3	13.5	<5

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013      DATE RECEIVED: Sep 17, 2013      DATE REPORTED: Sep 30, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5514806 (4743451)		2	8.8	<5
E5514807 (4743452)		4	9.0	<5
E5514808 (4743453)		3	9.3	<5
E5514809 (4743454)		3	10.9	<5
E5514810 (4743455)		3	18.1	<5
E5514811 (4743456)		2	13.0	<5
E5514812 (4743457)		3	16.9	<5
E5514813 (4743458)		3	7.5	<5
E5514814 (4743459)		2	10.6	<5
E5514815 (4743460)		2	15.2	<5
E5514816 (4743461)		7	56.2	<5
E5514817 (4743462)		5	36.2	<5
E5514818 (4743463)		<1	1.4	<5
E5514819 (4743464)		3	16.4	<5
E5514820 (4743465)		2	8.6	<5
E5514821 (4743466)		2	10.2	<5
E5514822 (4743467)		4	11.8	<5
E5514823 (4743468)		1	12.1	<5
E5514824 (4743469)		3	27.3	<5
E5514825 (4743470)		7	50.7	<5
E5514826 (4743471)		6	45.1	<5
E5514827 (4743472)		<1	6.7	<5
E5514828 (4743473)		3	29.3	<5
E5514829 (4743474)		2	12.7	<5
E5514830 (4743475)		2	15.1	<5
E5514831 (4743476)		3	6.8	<5
E5514832 (4743477)		3	22.0	<5
E5514833 (4743478)		3	14.8	<5
E5514834 (4743479)		4	12.1	<5
E5514835 (4743480)		2	11.6	<5
E5514836 (4743481)		1	8.3	<5
E5514837 (4743482)		3	7.3	<5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U759078

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:		
E5514838 (4743483)	7	13.6	<5

Comments: RDL - Reported Detection Limit

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5514710 (4743354)		0.63	0.004
E5514711 (4743355)		0.69	<0.001
E5514712 (4743356)		0.71	0.002
E5514713 (4743357)		0.59	0.007
E5514714 (4743358)		0.66	0.004
E5514715 (4743359)		0.31	0.005
E5514716 (4743360)		0.71	0.003
E5514717 (4743361)		0.69	0.003
E5514718 (4743362)		0.62	0.014
E5514719 (4743363)		0.70	0.002
E5514720 (4743364)		0.56	0.003
E5514721 (4743365)		0.58	0.003
E5514722 (4743366)		0.68	0.003
E5514723 (4743367)		0.62	0.009
E5514724 (4743368)		0.85	0.006
E5514725 (4743369)		0.75	0.002
E5514726 (4743370)		0.66	0.002
E5514727 (4743371)		0.36	0.002
E5514728 (4743372)		0.36	0.006
E5514729 (4743373)		0.88	0.004
E5514730 (4743374)		0.56	0.008
E5514731 (4743375)		0.49	0.003
E5514732 (4743376)		0.40	0.007
E5514733 (4743377)		0.46	0.002
E5514734 (4743378)		0.64	0.002
E5514735 (4743379)		0.49	0.003
E5514736 (4743380)		0.47	0.003
E5514737 (4743381)		0.60	0.005
E5514738 (4743382)		0.55	0.001
E5514739 (4743383)		0.40	0.002
E5514740 (4743384)		0.91	0.002

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5514741 (4743385)		0.97	0.005
E5514742 (4743386)		0.65	0.001
E5514743 (4743387)		0.53	0.002
E5514744 (4743388)		0.67	0.003
E5514745 (4743389)		0.55	0.001
E5514746 (4743390)		0.49	0.002
E5514747 (4743391)		0.50	0.009
E5514748 (4743392)		0.60	0.010
E5514749 (4743393)		0.41	0.002
E5514750 (4743394)		0.72	0.002
E5514751 (4743395)		0.49	0.002
E5514752 (4743396)		0.64	<0.001
E5514753 (4743397)		0.71	0.001
E5514754 (4743398)		0.52	0.003
E5514755 (4743399)		0.39	0.002
E5514756 (4743400)		0.59	0.001
E5514757 (4743401)		0.33	0.001
E5514758 (4743402)		0.28	0.008
E5514759 (4743403)		0.46	0.005
E5514760 (4743404)		0.55	0.004
E5514761 (4743405)		0.68	0.001
E5514762 (4743406)		0.42	0.003
E5514763 (4743407)		0.38	0.002
E5514764 (4743408)		0.62	0.017
E5514765 (4743409)		0.65	0.005
E5514766 (4743410)		0.43	0.004
E5514767 (4743411)		0.71	0.003
E5514768 (4743412)		0.46	<0.001
E5514769 (4743413)		0.58	0.006
E5514770 (4743414)		0.36	0.007
E5514771 (4743415)		0.80	0.003

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5514772 (4743416)		0.40	0.001
E5514773 (4743417)		0.42	0.001
E5514774 (4743418)		0.45	0.002
E5514775 (4743419)		0.29	0.005
E5514776 (4743420)		0.59	0.002
E5514777 (4743421)		0.62	0.011
E5514778 (4743422)		0.67	<0.001
E5514779 (4743423)		0.51	0.001
E5514780 (4743424)		0.50	<0.001
E5514781 (4743425)		0.42	<0.001
E5514782 (4743426)		0.43	0.053
E5514783 (4743427)		0.55	0.003
E5514784 (4743429)		0.51	<0.001
E5514785 (4743430)		0.60	0.003
E5514786 (4743431)		0.52	0.003
E5514787 (4743432)		0.58	0.013
E5514788 (4743433)		0.49	0.018
E5514789 (4743434)		0.52	0.001
E5514790 (4743435)		0.55	0.002
E5514791 (4743436)		0.56	0.023
E5514792 (4743437)		0.41	0.003
E5514793 (4743438)		0.39	0.004
E5514794 (4743439)		0.36	0.270
E5514795 (4743440)		0.33	0.047
E5514796 (4743441)		0.44	0.011
E5514797 (4743442)		0.56	0.030
E5514798 (4743443)		0.61	0.002
E5514799 (4743444)		0.52	0.002
E5514800 (4743445)		0.54	<0.001
E5514801 (4743446)		0.44	0.008
E5514802 (4743447)		0.66	0.004

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## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5514803 (4743448)		0.57	0.034
E5514804 (4743449)		0.38	0.001
E5514805 (4743450)		0.42	0.013
E5514806 (4743451)		0.54	0.001
E5514807 (4743452)		0.61	0.002
E5514808 (4743453)		0.51	<0.001
E5514809 (4743454)		0.47	0.002
E5514810 (4743455)		0.45	0.009
E5514811 (4743456)		0.51	0.010
E5514812 (4743457)		0.47	0.017
E5514813 (4743458)		0.53	0.014
E5514814 (4743459)		0.70	0.002
E5514815 (4743460)		0.70	0.002
E5514816 (4743461)		0.40	0.007
E5514817 (4743462)		0.43	0.049
E5514818 (4743463)		0.52	<0.001
E5514819 (4743464)		0.51	0.002
E5514820 (4743465)		0.54	0.010
E5514821 (4743466)		0.53	<0.001
E5514822 (4743467)		0.56	0.044
E5514823 (4743468)		0.46	0.001
E5514824 (4743469)		0.64	<0.001
E5514825 (4743470)		0.46	0.004
E5514826 (4743471)		0.29	0.018
E5514827 (4743472)		0.32	0.001
E5514828 (4743473)		0.49	0.001
E5514829 (4743474)		0.60	0.001
E5514830 (4743475)		0.51	0.054
E5514831 (4743476)		0.50	<0.001
E5514832 (4743477)		0.41	0.005
E5514833 (4743478)		0.38	0.027

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## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Sep 17, 2013

DATE RECEIVED: Sep 17, 2013

DATE REPORTED: Sep 30, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5514834 (4743479)		0.53	<0.001
E5514835 (4743480)		0.50	0.001
E5514836 (4743481)		0.47	0.013
E5514837 (4743482)		0.67	0.001
E5514838 (4743483)		0.65	0.011

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	4743354	0.3	0.3	0.0%	4743373	0.25	0.23	8.3%	4743392	< 0.2	< 0.2	0.0%	4743404	0.24	0.30	22.2%
Al	4743354	0.496	0.478	3.7%	4743373	0.83	0.83	0.0%	4743392	1.46	1.44	1.4%	4743404	0.93	0.92	1.1%
As	4743354	< 1	< 1	0.0%	4743373	< 1	< 1	0.0%	4743392	< 1	< 1	0.0%	4743404	< 1	< 1	0.0%
B	4743354	< 5	< 5	0.0%	4743373	< 5	< 5	0.0%	4743392	< 5	< 5	0.0%	4743404	< 5	< 5	0.0%
Ba	4743354	12	12	0.0%	4743373	10	10	0.0%	4743392	12	11	8.7%	4743404	19	19	0.0%
Be	4743354	< 0.5	< 0.5	0.0%	4743373	< 0.5	< 0.5	0.0%	4743392	< 0.5	< 0.5	0.0%	4743404	< 0.5	< 0.5	0.0%
Bi	4743354	< 1	< 1	0.0%	4743373	< 1	< 1	0.0%	4743392	< 1	< 1	0.0%	4743404	< 1	< 1	0.0%
Ca	4743354	0.12	0.12	0.0%	4743373	0.13	0.13	0.0%	4743392	0.10	0.10	0.0%	4743404	0.22	0.22	0.0%
Cd	4743354	< 0.5	< 0.5	0.0%	4743373	< 0.5	< 0.5	0.0%	4743392	< 0.5	< 0.5	0.0%	4743404	< 0.5	< 0.5	0.0%
Ce	4743354	13	13	0.0%	4743373	19	19	0.0%	4743392	17	16	6.1%	4743404	18	20	10.5%
Co	4743354	3.1	2.9	6.7%	4743373	3.71	3.90	5.0%	4743392	3.2	3.2	0.0%	4743404	4.42	4.98	11.9%
Cr	4743354	23.6	22.9	3.0%	4743373	40.4	40.1	0.7%	4743392	30.9	30.5	1.3%	4743404	25.9	28.0	7.8%
Cu	4743354	3.92	3.45	12.8%	4743373	2.84	2.90	2.1%	4743392	2.6	2.7	3.8%	4743404	10.8	10.5	2.8%
Fe	4743354	0.608	0.575	5.6%	4743373	0.90	0.90	0.0%	4743392	1.36	1.34	1.5%	4743404	1.19	1.18	0.8%
Ga	4743354	< 5	< 5	0.0%	4743373	< 5	< 5	0.0%	4743392	5	6	18.2%	4743404	< 5	< 5	0.0%
Hg	4743354	< 1	< 1	0.0%	4743373	< 1	< 1	0.0%	4743392	< 1	< 1	0.0%	4743404	< 1	< 1	0.0%
In	4743354	< 1	< 1	0.0%	4743373	< 1	< 1	0.0%	4743392	< 1	< 1	0.0%	4743404	< 1	< 1	0.0%
K	4743354	0.02	0.02	0.0%	4743373	0.02	0.02	0.0%	4743392	0.02	0.02	0.0%	4743404	0.026	0.025	3.9%
La	4743354	6	6	0.0%	4743373	7	7	0.0%	4743392	8	8	0.0%	4743404	8	9	11.8%
Li	4743354	4	4	0.0%	4743373	5	5	0.0%	4743392	6	6	0.0%	4743404	6	6	0.0%
Mg	4743354	0.20	0.19	5.1%	4743373	0.28	0.28	0.0%	4743392	0.17	0.17	0.0%	4743404	0.237	0.233	1.7%
Mn	4743354	109	104	4.7%	4743373	80	80	0.0%	4743392	64	64	0.0%	4743404	121	127	4.8%
Mo	4743354	< 0.5	< 0.5	0.0%	4743373	< 0.5	0.6		4743392	< 0.5	< 0.5	0.0%	4743404	1.4	1.8	25.0%
Na	4743354	< 0.01	< 0.01	0.0%	4743373	< 0.01	< 0.01	0.0%	4743392	< 0.01	< 0.01	0.0%	4743404	< 0.01	< 0.01	0.0%
Ni	4743354	14.2	13.4	5.8%	4743373	22.9	23.0	0.4%	4743392	12.0	12.0	0.0%	4743404	13.9	15.2	8.9%
P	4743354	337	353	4.6%	4743373	333	341	2.4%	4743392	314	303	3.6%	4743404	309	347	11.6%
Pb	4743354	5.04	4.65	8.0%	4743373	6.1	6.5	6.3%	4743392	10.4	11.0	5.6%	4743404	13.2	13.4	1.5%
Rb	4743354	< 10	< 10	0.0%	4743373	< 10	< 10	0.0%	4743392	< 10	< 10	0.0%	4743404	< 10	< 10	0.0%
S	4743354	< 0.005	< 0.005	0.0%	4743373	0.0079	0.0074	6.5%	4743392	0.0320	0.0313	2.2%	4743404	0.014	0.015	6.9%
Sb	4743354	1	< 1		4743373	< 1	< 1	0.0%	4743392	< 1	< 1	0.0%	4743404	< 1	< 1	0.0%
Sc	4743354	1.1	1.1	0.0%	4743373	1.54	1.58	2.6%	4743392	2.11	2.02	4.4%	4743404	1.9	2.1	10.0%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	4743354	< 10	< 10	0.0%	4743373	< 10	< 10	0.0%	4743392	< 10	< 10	0.0%	4743404	< 10	< 10	0.0%
Sn	4743354	< 5	< 5	0.0%	4743373	< 5	< 5	0.0%	4743392	< 5	< 5	0.0%	4743404	5	5	0.0%
Sr	4743354	4.54	5.19	13.4%	4743373	5.89	6.36	7.7%	4743392	5.49	6.48	16.5%	4743404	10.9	11.0	0.9%
Ta	4743354	< 10	< 10	0.0%	4743373	< 10	< 10	0.0%	4743392	< 10	< 10	0.0%	4743404	< 10	< 10	0.0%
Te	4743354	< 10	< 10	0.0%	4743373	< 10	< 10	0.0%	4743392	< 10	< 10	0.0%	4743404	< 10	< 10	0.0%
Th	4743354	< 5	< 5	0.0%	4743373	< 5	< 5	0.0%	4743392	< 5	< 5	0.0%	4743404	< 5	< 5	0.0%
Ti	4743354	0.04	0.04	0.0%	4743373	0.05	0.05	0.0%	4743392	0.08	0.08	0.0%	4743404	0.09	0.09	0.0%
Tl	4743354	< 5	< 5	0.0%	4743373	< 5	< 5	0.0%	4743392	< 5	< 5	0.0%	4743404	< 5	< 5	0.0%
U	4743354	< 5	< 5	0.0%	4743373	< 5	< 5	0.0%	4743392	< 5	< 5	0.0%	4743404	< 5	< 5	0.0%
V	4743354	12.9	12.4	4.0%	4743373	19.3	19.3	0.0%	4743392	32.1	31.4	2.2%	4743404	28.5	30.8	7.8%
W	4743354	< 1	< 1	0.0%	4743373	< 1	< 1	0.0%	4743392	< 1	< 1	0.0%	4743404	< 1	< 1	0.0%
Y	4743354	2	2	0.0%	4743373	3	3	0.0%	4743392	3	3	0.0%	4743404	4	4	0.0%
Zn	4743354	8.6	8.1	6.0%	4743373	9.8	9.9	1.0%	4743392	8.60	8.69	1.0%	4743404	15.4	15.0	2.6%
Zr	4743354	< 5	< 5	0.0%	4743373	< 5	< 5	0.0%	4743392	< 5	< 5	0.0%	4743404	< 5	< 5	0.0%

Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	4743423	0.2	0.2	0.0%	4743454	0.3	0.3	0.0%	4743473	0.2	0.2	0.0%				
Al	4743423	0.96	0.96	0.0%	4743454	0.65	0.63	3.1%	4743473	1.34	1.33	0.7%				
As	4743423	< 1	< 1	0.0%	4743454	< 1	< 1	0.0%	4743473	< 1	2					
B	4743423	< 5	< 5	0.0%	4743454	< 5	< 5	0.0%	4743473	< 5	< 5	0.0%				
Ba	4743423	13	13	0.0%	4743454	13	13	0.0%	4743473	21	20	4.9%				
Be	4743423	< 0.5	< 0.5	0.0%	4743454	< 0.5	< 0.5	0.0%	4743473	< 0.5	< 0.5	0.0%				
Bi	4743423	< 1	< 1	0.0%	4743454	< 1	< 1	0.0%	4743473	< 1	< 1	0.0%				
Ca	4743423	0.104	0.108	3.8%	4743454	0.146	0.140	4.2%	4743473	0.19	0.18	5.4%				
Cd	4743423	< 0.5	< 0.5	0.0%	4743454	< 0.5	< 0.5	0.0%	4743473	< 0.5	< 0.5	0.0%				
Ce	4743423	16	15	6.5%	4743454	18	17	5.7%	4743473	19	20	5.1%				
Co	4743423	5.1	5.1	0.0%	4743454	4.4	4.4	0.0%	4743473	5.70	6.38	11.3%				
Cr	4743423	39.8	40.1	0.8%	4743454	36.4	36.8	1.1%	4743473	50.7	55.7	9.4%				
Cu	4743423	3.77	3.54	6.3%	4743454	2.9	2.9	0.0%	4743473	3.9	3.8	2.6%				
Fe	4743423	1.08	1.12	3.6%	4743454	0.80	0.78	2.5%	4743473	1.25	1.23	1.6%				
Ga	4743423	< 5	< 5	0.0%	4743454	< 5	< 5	0.0%	4743473	5	6	18.2%				
Hg	4743423	< 1	< 1	0.0%	4743454	< 1	< 1	0.0%	4743473	< 1	< 1	0.0%				
In	4743423	< 1	1		4743454	< 1	1		4743473	< 1	< 1	0.0%				
K	4743423	0.01	0.01	0.0%	4743454	0.02	0.02	0.0%	4743473	0.03	0.03	0.0%				



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

La	4743423	7	6	15.4%	4743454	7	7	0.0%	4743473	8	8	0.0%				
Li	4743423	5	5	0.0%	4743454	4	4	0.0%	4743473	7	6	15.4%				
Mg	4743423	0.21	0.21	0.0%	4743454	0.258	0.250	3.1%	4743473	0.37	0.37	0.0%				
Mn	4743423	71	74	4.1%	4743454	115	115	0.0%	4743473	134	146	8.6%				
Mo	4743423	< 0.5	< 0.5	0.0%	4743454	< 0.5	0.5		4743473	< 0.5	0.6					
Na	4743423	< 0.01	< 0.01	0.0%	4743454	< 0.01	< 0.01	0.0%	4743473	< 0.01	< 0.01	0.0%				
Ni	4743423	32.5	32.1	1.2%	4743454	27.6	27.3	1.1%	4743473	32.3	35.4	9.2%				
P	4743423	268	268	0.0%	4743454	423	392	7.6%	4743473	516	552	6.7%				
Pb	4743423	7.4	7.7	4.0%	4743454	5.2	5.2	0.0%	4743473	10.9	10.6	2.8%				
Rb	4743423	< 10	< 10	0.0%	4743454	< 10	< 10	0.0%	4743473	< 10	< 10	0.0%				
S	4743423	0.008	0.008	0.0%	4743454	0.0066	0.0065	1.5%	4743473	0.013	0.013	0.0%				
Sb	4743423	< 1	< 1	0.0%	4743454	< 1	< 1	0.0%	4743473	< 1	< 1	0.0%				
Sc	4743423	1.4	1.4	0.0%	4743454	1.48	1.57	5.9%	4743473	1.85	2.09	12.2%				
Se	4743423	< 10	< 10	0.0%	4743454	< 10	< 10	0.0%	4743473	< 10	< 10	0.0%				
Sn	4743423	< 5	< 5	0.0%	4743454	< 5	< 5	0.0%	4743473	< 5	< 5	0.0%				
Sr	4743423	5.9	5.7	3.4%	4743454	5.9	7.6	25.2%	4743473	11.2	9.5	16.4%				
Ta	4743423	< 10	< 10	0.0%	4743454	< 10	< 10	0.0%	4743473	< 10	< 10	0.0%				
Te	4743423	< 10	< 10	0.0%	4743454	< 10	< 10	0.0%	4743473	< 10	< 10	0.0%				
Th	4743423	< 5	< 5	0.0%	4743454	< 5	< 5	0.0%	4743473	< 5	< 5	0.0%				
Ti	4743423	0.05	0.05	0.0%	4743454	0.05	0.05	0.0%	4743473	0.066	0.061	7.9%				
Tl	4743423	< 5	< 5	0.0%	4743454	< 5	< 5	0.0%	4743473	< 5	< 5	0.0%				
U	4743423	< 5	< 5	0.0%	4743454	< 5	< 5	0.0%	4743473	< 5	< 5	0.0%				
V	4743423	24.0	25.2	4.9%	4743454	18.8	19.2	2.1%	4743473	24.7	26.5	7.0%				
W	4743423	< 1	< 1	0.0%	4743454	< 1	< 1	0.0%	4743473	< 1	< 1	0.0%				
Y	4743423	2	2	0.0%	4743454	3	4	28.6%	4743473	3	3	0.0%				
Zn	4743423	11.5	11.7	1.7%	4743454	10.9	10.8	0.9%	4743473	29.3	29.9	2.0%				
Zr	4743423	< 5	< 5	0.0%	4743454	< 5	< 5	0.0%	4743473	< 5	< 5	0.0%				

### Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4743354	0.004	0.002		4743366	0.0030	0.0023	26.4%	4743379	0.0031	0.0039	22.9%	4743391	0.009	0.004	
Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4743404	0.004	0.002		4743416	0.001	< 0.001		4743429	< 0.001	< 0.001	0.0%	4743443	0.002	0.002	0.0%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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Parameter	REPLICATE #9				REPLICATE #10				REPLICATE #11							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	4743454	0.002	0.003		4743467	0.044	0.017		4743479	< 0.001	0.002					



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	168	91%	90% - 110%	184	172	94%	90% - 110%	184	168	91%	90% - 110%	184	174	94%	90% - 110%
Cu	3494	3287	94%	90% - 110%	3494	3275	94%	90% - 110%	3494	3175	91%	90% - 110%	3494	3251	93%	90% - 110%
Ni	2985	2695	90%	90% - 110%	2985	2689	90%	90% - 110%	2985	2695	90%	90% - 110%	2985	2698	90%	90% - 110%
	CRM #5 (CFRM-100)				CRM #6 (CFRM-100)				CRM #7 (CFRM-100)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Co	184	167	90%	90% - 110%	184	169	92%	90% - 110%	184	167	91%	90% - 110%				
Cu	3494	3250	93%	90% - 110%	3494	3249	93%	90% - 110%	3494	3382	97%	90% - 110%				
Ni	2985	2697	90%	90% - 110%	2985	2697	90%	90% - 110%	2985	2701	90%	90% - 110%				

### Fire Assay - Trace Au, ICP-OES finish (202052)

	CRM #1 (GS7E)				CRM #2 (1P5F)				CRM #3 (CM14)				CRM #4 (GS7E)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	7.4	7.8	105%	90% - 110%	1.40	1.36	97%	90% - 110%	0.792	0.739	93%	90% - 110%	7.4	7.6	103%	90% - 110%
	CRM #5 (1P5F)				CRM #6 (GS7E)				CRM #7 (1P5F)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	1.40	1.34	95%	90% - 110%	7.4	7.4	100%	90% - 110%	1.40	1.38	99%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U759078

PROJECT NO: Soil Sampling Project

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: SOIL SAMPLING PROJECT

AGAT WORK ORDER: 13U763344

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Oct 17, 2013

PAGES (INCLUDING COVER): 15

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U763344  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 27, 2013	DATE RECEIVED: Sep 27, 2013					DATE REPORTED: Oct 17, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5514839 (4778607)	<0.2	0.73	4	5	23	<0.5	<1	0.27	<0.5	20	5.5	22.4	23.2	0.95	
E5514840 (4778608)	<0.2	0.47	2	5	35	<0.5	<1	0.13	<0.5	19	2.6	9.8	3.8	1.05	
E5514841 (4778609)	<0.2	0.51	<1	5	18	<0.5	<1	0.26	<0.5	20	4.3	18.1	11.5	0.82	
E5514842 (4778610)	<0.2	1.15	1	5	26	<0.5	<1	0.12	<0.5	18	4.1	24.2	4.8	1.31	
E5514843 (4778611)	0.3	2.36	7	5	119	0.8	<1	0.48	<0.5	36	14.8	55.7	31.1	1.92	
E5514844 (4778612)	<0.2	0.42	<1	5	13	<0.5	<1	0.12	<0.5	16	2.9	11.0	9.8	0.44	
E5514845 (4778613)	0.2	0.78	3	5	34	<0.5	<1	0.28	<0.5	25	8.9	27.5	24.6	1.12	
E5514846 (4778614)	0.2	0.33	1	5	13	<0.5	<1	0.08	<0.5	18	2.9	6.7	6.1	0.45	
E5514847 (4778615)	0.3	1.49	6	5	62	<0.5	<1	0.35	<0.5	21	9.3	40.9	16.6	2.52	
E5514848 (4778616)	0.2	1.60	3	5	24	<0.5	<1	0.09	<0.5	16	4.7	30.6	5.3	2.09	
E5514849 (4778617)	<0.2	1.11	5	5	43	<0.5	<1	0.35	<0.5	26	9.7	37.7	15.6	1.56	
E5514850 (4778618)	0.6	0.73	4	5	40	<0.5	<1	0.22	<0.5	21	6.3	19.6	30.6	0.68	
E5514851 (4778619)	<0.2	0.44	3	5	29	<0.5	<1	0.33	<0.5	11	6.1	12.7	4.4	0.58	
E5514852 (4778620)	<0.2	0.48	1	5	11	<0.5	<1	0.06	<0.5	15	2.6	12.8	5.3	1.32	
E5514853 (4778621)	<0.2	0.74	<1	5	25	<0.5	<1	0.22	<0.5	15	4.2	22.5	6.6	0.81	
E5514854 (4778622)	<0.2	0.62	1	5	24	<0.5	<1	0.24	<0.5	17	4.4	25.1	6.9	0.88	
E5514855 (4778623)	0.2	0.21	4	5	25	<0.5	<1	1.65	<0.5	2	2.1	3.1	13.9	0.38	
E5514856 (4778624)	<0.2	1.51	5	5	74	<0.5	<1	0.55	<0.5	34	9.8	55.7	7.3	1.41	
E5514857 (4778625)	<0.2	1.59	4	7	79	0.6	<1	0.82	<0.5	40	9.4	55.6	12.2	1.62	
E5514858 (4778626)	0.3	0.38	4	5	41	<0.5	<1	1.18	<0.5	4	1.2	8.1	47.2	0.19	
E5514859 (4778627)	<0.2	2.38	4	8	137	0.9	<1	0.78	<0.5	55	12.7	73.2	16.8	2.44	
E5514860 (4778628)	<0.2	1.42	1	5	66	<0.5	<1	0.35	<0.5	36	6.0	46.4	6.0	1.08	
E5514861 (4778629)	<0.2	0.49	2	5	16	<0.5	<1	0.26	<0.5	29	4.1	17.3	3.5	0.71	
E5514862 (4778630)	<0.2	0.85	3	5	13	<0.5	<1	0.09	<0.5	11	4.0	40.3	2.8	1.09	
E5514863 (4778631)	<0.2	1.17	3	5	21	<0.5	<1	0.09	<0.5	15	4.1	28.2	2.6	0.96	
E5514864 (4778632)	<0.2	1.02	<1	5	21	<0.5	<1	0.11	<0.5	15	4.7	36.2	2.5	0.93	
E5514865 (4778633)	<0.2	0.99	3	5	16	<0.5	<1	0.07	<0.5	14	5.9	53.5	8.5	1.58	
E5514866 (4778634)	<0.2	0.25	2	5	10	<0.5	<1	0.15	<0.5	24	2.1	22.4	1.6	0.28	
E5514867 (4778635)	<0.2	0.32	7	6	73	<0.5	<1	2.50	<0.5	13	1.9	17.6	7.0	0.54	
E5514868 (4778636)	<0.2	1.61	3	5	16	<0.5	<1	0.07	<0.5	8	3.5	24.4	2.1	1.01	
E5514869 (4778637)	<0.2	0.91	3	5	14	<0.5	<1	0.09	<0.5	19	5.3	39.2	3.3	1.21	
E5514870 (4778638)	<0.2	0.82	<1	5	18	<0.5	<1	0.16	<0.5	20	6.1	38.3	3.1	0.85	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U763344  
PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 27, 2013	DATE RECEIVED: Sep 27, 2013					DATE REPORTED: Oct 17, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5514871 (4778639)	<0.2	2.36	6	<5	40	0.5	<1	0.15	<0.5	33	12.0	107	12.0	3.56	
E5514872 (4778640)	<0.2	0.75	4	<5	11	<0.5	<1	0.10	<0.5	18	1.8	20.3	1.1	0.40	
E5514873 (4778641)	<0.2	1.29	3	<5	43	<0.5	<1	0.23	<0.5	30	6.5	39.9	8.4	1.45	
E5514874 (4778642)	<0.2	0.63	3	<5	17	<0.5	<1	0.16	<0.5	17	4.8	34.0	3.2	1.06	
E5514875 (4778643)	<0.2	0.59	6	<5	11	<0.5	<1	0.23	<0.5	19	5.6	42.9	4.0	0.86	
E5514876 (4778644)	<0.2	0.84	2	<5	14	<0.5	<1	0.13	<0.5	19	3.9	32.4	1.5	1.06	
E5514877 (4778645)	<0.2	0.88	3	<5	7	<0.5	<1	0.09	<0.5	17	2.4	18.6	1.1	0.72	
E5514878 (4778646)	0.2	1.93	6	<5	32	<0.5	<1	0.14	<0.5	16	9.8	105	9.6	2.68	
E5514879 (4778647)	0.2	1.73	3	<5	21	<0.5	<1	0.09	<0.5	14	5.7	42.2	3.0	1.52	
E5514880 (4778648)	<0.2	1.25	3	<5	15	<0.5	<1	0.08	<0.5	16	5.4	43.5	6.6	1.14	
E5514881 (4778649)	<0.2	0.37	1	<5	7	<0.5	<1	0.05	<0.5	9	1.5	12.1	1.9	0.52	
E5514882 (4778650)	<0.2	1.14	2	<5	17	<0.5	<1	0.10	<0.5	15	6.7	57.4	3.4	1.22	
E5514883 (4778651)	<0.2	1.25	3	<5	23	<0.5	<1	0.11	<0.5	15	7.3	78.1	7.1	1.75	
E5514884 (4778652)	<0.2	1.23	2	<5	15	<0.5	<1	0.12	<0.5	17	5.7	38.8	2.7	1.11	
E5514885 (4798511)	<0.2	0.88	1	<5	28	<0.5	<1	0.18	<0.5	19	7.2	36.5	3.1	1.26	

Certified By:



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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 27, 2013	DATE RECEIVED: Sep 27, 2013					DATE REPORTED: Oct 17, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5514839 (4778607)	<5	<1	<1	0.02	10	5	0.27	114	1.0	0.01	15.6	412	5.8	<10	
E5514840 (4778608)	5	<1	<1	0.03	9	2	0.08	141	0.6	<0.01	3.9	173	9.9	<10	
E5514841 (4778609)	<5	<1	<1	0.02	10	4	0.22	109	0.7	<0.01	11.5	403	4.4	<10	
E5514842 (4778610)	6	<1	1	0.02	9	8	0.16	66	0.8	<0.01	9.8	219	8.0	<10	
E5514843 (4778611)	5	<1	2	0.07	17	30	0.46	215	1.2	0.01	46.4	685	13.7	14	
E5514844 (4778612)	<5	<1	<1	0.01	8	4	0.11	39	0.9	<0.01	5.9	66	6.2	<10	
E5514845 (4778613)	<5	<1	<1	0.03	13	8	0.31	154	1.1	<0.01	17.5	409	8.7	<10	
E5514846 (4778614)	<5	<1	<1	0.01	9	1	0.07	51	1.1	<0.01	3.8	100	12.3	<10	
E5514847 (4778615)	10	<1	<1	0.04	9	14	0.32	143	2.2	<0.01	24.5	418	10.9	10	
E5514848 (4778616)	9	1	2	0.03	8	8	0.17	71	<0.5	<0.01	11.8	283	9.8	<10	
E5514849 (4778617)	5	<1	1	0.03	12	12	0.38	192	1.2	0.01	25.6	478	8.9	<10	
E5514850 (4778618)	<5	<1	<1	0.04	11	5	0.17	156	2.1	<0.01	9.7	301	13.4	11	
E5514851 (4778619)	<5	<1	<1	0.02	5	5	0.15	201	1.1	<0.01	8.3	209	11.2	<10	
E5514852 (4778620)	8	<1	1	0.02	7	2	0.08	40	0.6	<0.01	3.9	115	8.3	<10	
E5514853 (4778621)	<5	<1	<1	0.03	7	6	0.26	80	1.2	<0.01	11.9	180	7.3	<10	
E5514854 (4778622)	<5	<1	<1	0.03	8	6	0.27	124	0.7	<0.01	13.6	261	5.1	<10	
E5514855 (4778623)	<5	<1	<1	<0.01	1	<1	0.16	167	2.4	<0.01	3.8	337	4.6	<10	
E5514856 (4778624)	7	<1	<1	0.07	15	18	0.53	197	3.1	0.02	28.3	277	9.8	20	
E5514857 (4778625)	6	4	3	0.17	20	21	0.69	189	1.4	0.02	28.1	475	11.2	36	
E5514858 (4778626)	<5	<1	<1	<0.01	4	<1	0.08	107	5.8	<0.01	4.5	403	6.5	<10	
E5514859 (4778627)	10	<1	7	0.23	27	33	0.87	257	<0.5	0.03	35.5	479	15.9	52	
E5514860 (4778628)	7	<1	2	0.11	18	15	0.40	113	1.1	0.01	19.2	199	9.6	30	
E5514861 (4778629)	<5	<1	<1	0.04	13	6	0.22	124	0.6	<0.01	9.4	419	5.5	<10	
E5514862 (4778630)	<5	<1	2	0.01	5	5	0.16	62	<0.5	<0.01	17.4	378	5.3	<10	
E5514863 (4778631)	<5	<1	<1	0.01	7	5	0.17	68	<0.5	<0.01	20.4	456	7.6	<10	
E5514864 (4778632)	<5	<1	<1	0.02	6	6	0.19	68	0.5	<0.01	25.1	489	5.3	<10	
E5514865 (4778633)	6	<1	2	0.02	7	6	0.16	101	<0.5	<0.01	33.3	416	8.2	<10	
E5514866 (4778634)	<5	<1	<1	0.01	11	3	0.14	31	0.6	<0.01	11.9	292	3.0	<10	
E5514867 (4778635)	<5	<1	<1	0.02	8	<1	0.22	198	5.8	<0.01	7.3	393	10.2	<10	
E5514868 (4778636)	6	<1	<1	0.01	4	5	0.14	52	<0.5	<0.01	15.1	561	9.1	<10	
E5514869 (4778637)	<5	<1	1	0.02	9	6	0.20	78	<0.5	<0.01	25.0	348	5.3	<10	
E5514870 (4778638)	<5	<1	<1	0.02	8	5	0.26	100	<0.5	<0.01	39.6	384	4.6	<10	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U763344  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 27, 2013	DATE RECEIVED: Sep 27, 2013							DATE REPORTED: Oct 17, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5514871 (4778639)		11	<1	1	0.02	16	16	0.50	230	1.0	<0.01	52.0	996	13.7	<10
E5514872 (4778640)		<5	<1	<1	0.01	9	3	0.10	28	0.6	<0.01	8.3	187	5.3	<10
E5514873 (4778641)		6	<1	<1	0.09	15	14	0.44	175	<0.5	0.01	20.5	357	9.3	24
E5514874 (4778642)		<5	<1	1	0.02	7	5	0.21	106	0.5	<0.01	24.7	526	6.2	<10
E5514875 (4778643)		<5	<1	<1	0.03	8	6	0.38	106	0.6	<0.01	25.6	377	4.4	<10
E5514876 (4778644)		<5	<1	<1	0.01	9	4	0.18	65	<0.5	<0.01	18.6	572	5.0	<10
E5514877 (4778645)		6	<1	<1	0.01	8	3	0.09	55	<0.5	<0.01	7.8	275	6.4	<10
E5514878 (4778646)		6	<1	2	0.02	8	13	0.31	113	<0.5	<0.01	58.0	493	12.4	<10
E5514879 (4778647)		6	<1	2	0.02	6	7	0.16	190	<0.5	<0.01	27.0	544	10.0	<10
E5514880 (4778648)		<5	<1	1	0.01	7	5	0.22	64	1.7	<0.01	31.0	460	7.6	<10
E5514881 (4778649)		<5	1	<1	<0.01	4	1	0.04	87	<0.5	<0.01	3.7	258	3.3	<10
E5514882 (4778650)		<5	1	<1	0.01	7	7	0.23	188	<0.5	<0.01	39.9	367	9.9	<10
E5514883 (4778651)		6	<1	<1	0.02	8	7	0.29	136	0.5	<0.01	38.4	394	8.3	<10
E5514884 (4778652)		<5	<1	<1	0.01	8	5	0.19	97	0.5	<0.01	26.1	699	7.4	<10
E5514885 (4798511)		<5	1	<1	0.03	9	5	0.24	220	0.6	<0.01	24.2	584	6.3	<10

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DATE SAMPLED: Sep 27, 2013	DATE RECEIVED: Sep 27, 2013					DATE REPORTED: Oct 17, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5514839 (4778607)	0.014	<1	2.1	<10	5	12.5	<10	<10	<5	0.07	<5	<5	28.1	<1	
E5514840 (4778608)	0.015	<1	1.0	<10	6	11.3	<10	<10	<5	0.09	<5	<5	36.0	<1	
E5514841 (4778609)	0.006	<1	1.8	<10	<5	11.9	<10	<10	<5	0.06	<5	<5	22.1	<1	
E5514842 (4778610)	0.018	<1	1.9	<10	5	7.7	<10	<10	<5	0.08	<5	<5	34.9	<1	
E5514843 (4778611)	0.055	<1	4.2	<10	6	18.3	<10	<10	<5	0.06	<5	<5	47.9	<1	
E5514844 (4778612)	0.007	<1	1.1	<10	<5	9.1	<10	<10	<5	0.07	<5	<5	21.8	<1	
E5514845 (4778613)	0.017	<1	2.5	<10	5	11.2	<10	<10	<5	0.07	<5	<5	38.8	<1	
E5514846 (4778614)	0.010	<1	0.9	<10	<5	7.9	<10	<10	<5	0.08	<5	<5	30.8	<1	
E5514847 (4778615)	0.053	<1	2.8	<10	8	16.9	<10	<10	<5	0.13	<5	<5	66.7	<1	
E5514848 (4778616)	0.030	<1	2.1	<10	6	7.9	<10	<10	<5	0.09	<5	<5	45.4	<1	
E5514849 (4778617)	0.033	<1	2.4	<10	6	17.0	<10	<10	<5	0.07	<5	<5	40.5	<1	
E5514850 (4778618)	0.032	<1	1.3	<10	<5	15.4	<10	<10	<5	0.07	<5	<5	26.3	<1	
E5514851 (4778619)	0.033	<1	1.0	<10	<5	13.2	<10	<10	<5	0.04	<5	<5	19.5	<1	
E5514852 (4778620)	0.012	<1	0.9	<10	7	6.7	<10	<10	<5	0.11	<5	<5	45.5	<1	
E5514853 (4778621)	0.013	<1	1.7	<10	6	13.6	<10	<10	<5	0.10	<5	<5	29.9	<1	
E5514854 (4778622)	0.007	<1	1.7	<10	<5	11.9	<10	<10	<5	0.06	<5	<5	25.9	<1	
E5514855 (4778623)	0.327	<1	<0.5	<10	7	60.8	<10	<10	<5	<0.01	<5	<5	7.9	<1	
E5514856 (4778624)	0.040	<1	3.9	<10	8	20.9	<10	<10	5	0.09	<5	<5	47.7	<1	
E5514857 (4778625)	0.042	<1	6.2	<10	10	37.1	<10	<10	6	0.10	<5	<5	44.5	<1	
E5514858 (4778626)	0.501	<1	1.0	<10	6	35.5	<10	<10	<5	<0.01	<5	<5	7.2	<1	
E5514859 (4778627)	0.030	<1	7.7	<10	12	36.9	<10	<10	9	0.14	<5	<5	54.9	<1	
E5514860 (4778628)	0.011	<1	4.4	<10	8	20.4	<10	<10	6	0.12	<5	<5	34.6	<1	
E5514861 (4778629)	<0.005	<1	1.8	<10	<5	12.6	<10	<10	<5	0.07	<5	<5	20.1	<1	
E5514862 (4778630)	0.011	<1	1.2	<10	<5	5.3	<10	<10	<5	0.05	<5	<5	27.0	<1	
E5514863 (4778631)	0.037	<1	1.3	<10	<5	5.1	<10	<10	<5	0.04	<5	<5	23.0	<1	
E5514864 (4778632)	0.009	<1	1.3	<10	<5	7.0	<10	<10	<5	0.04	<5	<5	21.7	<1	
E5514865 (4778633)	0.013	<1	1.2	<10	<5	6.5	<10	<10	<5	0.04	<5	<5	38.2	<1	
E5514866 (4778634)	0.009	<1	0.8	<10	<5	6.7	<10	<10	5	0.03	<5	<5	11.0	<1	
E5514867 (4778635)	0.599	1	1.5	<10	12	51.5	<10	<10	<5	<0.01	<5	<5	18.3	<1	
E5514868 (4778636)	0.022	<1	1.4	<10	<5	5.2	<10	<10	<5	0.05	<5	<5	26.4	<1	
E5514869 (4778637)	0.024	<1	1.6	<10	<5	6.2	<10	<10	<5	0.06	<5	<5	29.0	<1	
E5514870 (4778638)	0.006	<1	1.4	<10	<5	9.7	<10	<10	<5	0.05	<5	<5	22.4	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U763344  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 27, 2013	DATE RECEIVED: Sep 27, 2013		DATE REPORTED: Oct 17, 2013		SAMPLE TYPE: Soil									
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
Sample ID (AGAT ID)														
E5514871 (4778639)	0.022	<1	3.0	<10	8	9.5	<10	<10	10	0.14	<5	<5	84.8	<1
E5514872 (4778640)	0.015	<1	1.0	<10	<5	8.4	<10	<10	<5	0.05	<5	<5	12.6	<1
E5514873 (4778641)	0.008	<1	3.4	<10	6	15.2	<10	<10	5	0.08	<5	<5	34.9	<1
E5514874 (4778642)	0.005	<1	1.1	<10	<5	8.0	<10	<10	<5	0.05	<5	<5	27.8	<1
E5514875 (4778643)	0.006	<1	1.7	<10	<5	9.9	<10	<10	<5	0.06	<5	<5	24.8	<1
E5514876 (4778644)	0.006	<1	1.3	<10	<5	7.4	<10	<10	<5	0.05	<5	<5	27.2	<1
E5514877 (4778645)	0.016	<1	1.2	<10	<5	7.9	<10	<10	<5	0.07	<5	<5	25.2	<1
E5514878 (4778646)	0.016	<1	2.4	<10	6	10.3	<10	<10	5	0.10	<5	<5	55.5	<1
E5514879 (4778647)	0.022	<1	1.4	<10	<5	7.0	<10	<10	<5	0.05	<5	<5	34.6	<1
E5514880 (4778648)	0.011	<1	1.4	<10	<5	7.6	<10	<10	<5	0.05	<5	<5	28.0	<1
E5514881 (4778649)	<0.005	<1	0.6	<10	<5	4.5	<10	<10	<5	0.05	<5	<5	16.4	<1
E5514882 (4778650)	0.016	<1	1.5	<10	<5	6.1	<10	<10	<5	0.06	<5	<5	31.7	<1
E5514883 (4778651)	0.012	<1	1.7	<10	5	6.8	<10	<10	<5	0.08	<5	<5	48.0	<1
E5514884 (4778652)	0.022	<1	1.4	<10	<5	5.4	<10	<10	<5	0.06	<5	<5	28.7	<1
E5514885 (4798511)	0.007	2	1.3	<10	<5	7.3	<10	<10	<5	0.06	<5	<5	31.0	<1

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Sep 27, 2013	DATE RECEIVED: Sep 27, 2013	DATE REPORTED: Oct 17, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5514839 (4778607)	5	14.0	<5	
E5514840 (4778608)	3	24.4	<5	
E5514841 (4778609)	4	10.5	<5	
E5514842 (4778610)	3	15.2	<5	
E5514843 (4778611)	19	40.0	<5	
E5514844 (4778612)	2	7.5	<5	
E5514845 (4778613)	11	20.2	<5	
E5514846 (4778614)	2	7.3	<5	
E5514847 (4778615)	6	36.1	<5	
E5514848 (4778616)	3	17.8	<5	
E5514849 (4778617)	7	22.5	<5	
E5514850 (4778618)	4	23.8	<5	
E5514851 (4778619)	2	16.4	<5	
E5514852 (4778620)	2	10.8	<5	
E5514853 (4778621)	3	13.5	<5	
E5514854 (4778622)	3	11.6	<5	
E5514855 (4778623)	<1	10.7	<5	
E5514856 (4778624)	6	29.2	<5	
E5514857 (4778625)	8	46.0	9	
E5514858 (4778626)	5	15.3	<5	
E5514859 (4778627)	10	63.9	7	
E5514860 (4778628)	6	41.2	<5	
E5514861 (4778629)	5	12.1	<5	
E5514862 (4778630)	2	11.2	<5	
E5514863 (4778631)	2	13.7	<5	
E5514864 (4778632)	2	12.5	<5	
E5514865 (4778633)	2	15.3	<5	
E5514866 (4778634)	3	5.7	<5	
E5514867 (4778635)	4	13.2	<5	
E5514868 (4778636)	2	16.2	<5	
E5514869 (4778637)	3	12.9	<5	
E5514870 (4778638)	3	10.9	<5	

Certified By:



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DATE SAMPLED: Sep 27, 2013	DATE RECEIVED: Sep 27, 2013	DATE REPORTED: Oct 17, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	1	0.5	5
E5514871 (4778639)	3	64.9	<5	
E5514872 (4778640)	2	6.4	<5	
E5514873 (4778641)	6	28.1	<5	
E5514874 (4778642)	3	11.6	<5	
E5514875 (4778643)	4	11.7	<5	
E5514876 (4778644)	3	8.2	<5	
E5514877 (4778645)	2	7.7	<5	
E5514878 (4778646)	2	24.5	<5	
E5514879 (4778647)	2	24.8	<5	
E5514880 (4778648)	2	17.5	<5	
E5514881 (4778649)	<1	3.9	<5	
E5514882 (4778650)	2	28.8	<5	
E5514883 (4778651)	2	15.9	<5	
E5514884 (4778652)	3	14.1	<5	
E5514885 (4798511)	4	10.2	<5	

Comments: RDL - Reported Detection Limit

Certified By:



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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Sep 27, 2013

DATE RECEIVED: Sep 27, 2013

DATE REPORTED: Oct 17, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5514839 (4778607)		1.06	0.004
E5514840 (4778608)		0.60	0.004
E5514841 (4778609)		1.06	0.007
E5514842 (4778610)		0.68	0.004
E5514843 (4778611)		0.99	0.004
E5514844 (4778612)		0.91	0.019
E5514845 (4778613)		0.90	0.005
E5514846 (4778614)		0.84	0.154
E5514847 (4778615)		0.66	0.003
E5514848 (4778616)		0.67	0.002
E5514849 (4778617)		0.69	0.007
E5514850 (4778618)		0.46	0.006
E5514851 (4778619)		0.45	0.011
E5514852 (4778620)		0.51	0.002
E5514853 (4778621)		0.58	0.007
E5514854 (4778622)		0.58	0.004
E5514855 (4778623)		0.28	<0.001
E5514856 (4778624)		0.67	<0.001
E5514857 (4778625)		0.51	0.006
E5514858 (4778626)		0.35	0.004
E5514859 (4778627)		0.75	0.001
E5514860 (4778628)		0.55	<0.001
E5514861 (4778629)		0.72	0.002
E5514862 (4778630)		0.55	<0.001
E5514863 (4778631)		0.52	<0.001
E5514864 (4778632)		0.62	0.002
E5514865 (4778633)		0.63	<0.001
E5514866 (4778634)		0.89	<0.001
E5514867 (4778635)		0.39	<0.001
E5514868 (4778636)		0.57	<0.001
E5514869 (4778637)		0.60	0.008

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U763344  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Sep 27, 2013

DATE RECEIVED: Sep 27, 2013

DATE REPORTED: Oct 17, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5514870 (4778638)		0.63	0.001
E5514871 (4778639)		0.73	0.004
E5514872 (4778640)		0.70	<0.001
E5514873 (4778641)		0.57	0.002
E5514874 (4778642)		0.57	0.006
E5514875 (4778643)		0.70	0.001
E5514876 (4778644)		0.69	<0.001
E5514877 (4778645)		0.54	0.002
E5514878 (4778646)		0.48	<0.001
E5514879 (4778647)		0.40	0.002
E5514880 (4778648)		0.47	0.008
E5514881 (4778649)		0.56	<0.001
E5514882 (4778650)		0.48	0.004
E5514883 (4778651)		0.62	0.001
E5514884 (4778652)		0.39	0.017
E5514885 (4798511)		0.56	0.004

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	4798511	< 0.2	< 0.2	0.0%	4778626	0.3	0.3	0.0%	4778645	< 0.2	< 0.2	0.0%				
Al	4798511	0.88	0.89	1.1%	4778626	0.38	0.39	2.6%	4778645	0.88	0.88	0.0%				
As	4778607	4	3	28.6%	4778626	4	4	0.0%	4778645	3	3	0.0%				
B	4798511	< 5	< 5	0.0%	4778626	< 5	< 5	0.0%	4778645	< 5	< 5	0.0%				
Ba	4798511	28	29	3.5%	4778626	41	43	4.8%	4778645	7	7	0.0%				
Be	4798511	< 0.5	< 0.5	0.0%	4778626	< 0.5	< 0.5	0.0%	4778645	< 0.5	< 0.5	0.0%				
Bi	4798511	< 1	< 1	0.0%	4778626	< 1	< 1	0.0%	4778645	< 1	< 1	0.0%				
Ca	4798511	0.183	0.193	5.3%	4778626	1.18	1.24	5.0%	4778645	0.093	0.103	10.2%				
Cd	4798511	< 0.5	< 0.5	0.0%	4778626	< 0.5	< 0.5	0.0%	4778645	< 0.5	< 0.5	0.0%				
Ce	4778607	20	20	0.0%	4778626	4	4	0.0%	4778645	17	22	25.6%				
Co	4798511	7.2	7.5	4.1%	4778626	1.23	1.13	8.5%	4778645	2.40	2.58	7.2%				
Cr	4798511	36.5	38.6	5.6%	4778626	8.13	8.43	3.6%	4778645	18.6	19.5	4.7%				
Cu	4798511	3.1	3.1	0.0%	4778626	47.2	49.6	5.0%	4778645	1.12	0.93	18.5%				
Fe	4798511	1.26	1.31	3.9%	4778626	0.192	0.196	2.1%	4778645	0.72	0.73	1.4%				
Ga	4798511	< 5	< 5	0.0%	4778626	< 5	< 5	0.0%	4778645	6	5	18.2%				
Hg	4778607	< 1	< 1	0.0%	4778626	< 1	< 1	0.0%	4778645	< 1	< 1	0.0%				
In	4798511	< 1	< 1	0.0%	4778626	< 1	< 1	0.0%	4778645	< 1	< 1	0.0%				
K	4798511	0.03	0.03	0.0%	4778626	< 0.01	< 0.01	0.0%	4778645	0.01	0.01	0.0%				
La	4778607	10	9	10.5%	4778626	4	4	0.0%	4778645	8	9	11.8%				
Li	4798511	5	6	18.2%	4778626	< 1	< 1	0.0%	4778645	3	3	0.0%				
Mg	4798511	0.243	0.250	2.8%	4778626	0.082	0.086	4.8%	4778645	0.09	0.09	0.0%				
Mn	4798511	220	232	5.3%	4778626	107	111	3.7%	4778645	55	59	7.0%				
Mo	4778607	0.97	0.94	3.1%	4778626	5.8	5.6	3.5%	4778645	0.4	0.5	22.2%				
Na	4798511	< 0.01	< 0.01	0.0%	4778626	< 0.01	< 0.01	0.0%	4778645	< 0.01	< 0.01	0.0%				
Ni	4798511	24.2	25.7	6.0%	4778626	4.5	4.7	4.3%	4778645	7.78	7.64	1.8%				
P	4798511	584	635	8.4%	4778626	403	412	2.2%	4778645	275	298	8.0%				
Pb	4778607	5.8	5.9	1.7%	4778626	6.5	6.5	0.0%	4778645	6.4	7.4	14.5%				
Rb	4798511	< 10	< 10	0.0%	4778626	< 10	< 10	0.0%	4778645	< 10	< 10	0.0%				
S	4798511	0.007	0.008	13.3%	4778626	0.501	0.512	2.2%	4778645	0.0164	0.0179	8.7%				
Sb	4778607	< 1	< 1	0.0%	4778626	< 1	< 1	0.0%	4778645	< 1	< 1	0.0%				
Sc	4798511	1.34	1.55	14.5%	4778626	1.0	1.0	0.0%	4778645	1.2	1.3	8.0%				



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	4798511	< 10	< 10	0.0%	4778626	< 10	< 10	0.0%	4778645	< 10	< 10	0.0%				
Sn	4798511	< 5	< 5	0.0%	4778626	6	6	0.0%	4778645	< 5	< 5	0.0%				
Sr	4798511	7.3	8.3	12.8%	4778626	35.5	39.0	9.4%	4778645	7.9	6.1	25.7%				
Ta	4798511	< 10	< 10	0.0%	4778626	< 10	< 10	0.0%	4778645	< 10	< 10	0.0%				
Te	4798511	< 10	< 10	0.0%	4778626	< 10	< 10	0.0%	4778645	< 10	< 10	0.0%				
Th	4778607	< 5	< 5	0.0%	4778626	< 5	< 5	0.0%	4778645	< 5	< 5	0.0%				
Ti	4798511	0.063	0.066	4.7%	4778626	< 0.01	< 0.01	0.0%	4778645	0.07	0.07	0.0%				
Tl	4798511	< 5	< 5	0.0%	4778626	< 5	< 5	0.0%	4778645	< 5	< 5	0.0%				
U	4798511	< 5	< 5	0.0%	4778626	< 5	< 5	0.0%	4778645	< 5	< 5	0.0%				
V	4798511	31.0	33.9	8.9%	4778626	7.21	7.47	3.5%	4778645	25.2	25.9	2.7%				
W	4798511	< 1	< 1	0.0%	4778626	< 1	< 1	0.0%	4778645	< 1	< 1	0.0%				
Y	4798511	4	4	0.0%	4778626	5	5	0.0%	4778645	2	2	0.0%				
Zn	4798511	10.2	10.9	6.6%	4778626	15.3	16.3	6.3%	4778645	7.66	7.27	5.2%				
Zr	4798511	< 5	< 5	0.0%	4778626	< 5	< 5	0.0%	4778645	< 5	< 5	0.0%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4778607	0.004	0.010		4778619	0.011	0.150		4778632	0.002	< 0.001		4778644	< 0.001	0.011	



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

**Aqua Regia Digest - Metals Package, ICP-OES finish (201073)**

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Co	184	171	93%	90% - 110%	184	171	93%	90% - 110%	184	165	90%	90% - 110%				
Cu	3494	3290	94%	90% - 110%	3494	3463	99%	90% - 110%	3494	3331	95%	90% - 110%				
Ni	2985	2691	90%	90% - 110%	2985	2690	90%	90% - 110%	2985	2692	90%	90% - 110%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	CRM #1 (1P5F)				CRM #2 (GS7E)				CRM #3 (CM14)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	1.40	1.3	93%	90% - 110%	7.4	7.6	103%	90% - 110%	0.792	0.722	91%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U763344

PROJECT NO: SOIL SAMPLING PROJECT

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES





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

ATTENTION TO: Craig Todd

PROJECT NO: Soil Sampling Project

AGAT WORK ORDER: 13U766322

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Oct 15, 2013

PAGES (INCLUDING COVER): 15

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U766322  
PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013	DATE RECEIVED: Oct 04, 2013					DATE REPORTED: Oct 15, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5514886 (4802900)	<0.2	4.16	6	13	177	1.4	<1	0.50	<0.5	73	24.3	86.0	31.6	4.85	
E5514887 (4802901)	4.6	0.18	6	<5	27	<0.5	<1	0.48	<0.5	4	0.8	11.2	22.1	0.13	
E5514888 (4802902)	<0.2	3.44	6	10	120	1.2	<1	0.45	<0.5	42	19.0	83.6	20.9	4.52	
E5514889 (4802903)	<0.2	4.04	8	14	190	1.6	<1	0.66	<0.5	74	22.2	88.0	29.4	4.80	
E5514890 (4802904)	<0.2	3.64	8	11	163	1.3	<1	0.56	<0.5	69	15.3	79.8	22.9	4.07	
E5514891 (4802906)	<0.2	2.87	5	9	101	0.9	<1	0.49	<0.5	34	13.8	67.5	19.0	3.47	
E5514892 (4802907)	<0.2	3.12	7	14	152	1.2	<1	1.79	<0.5	67	19.1	74.0	30.1	3.87	
E5514893 (4802908)	<0.2	3.80	6	12	149	1.2	<1	0.57	<0.5	51	19.7	86.8	27.7	4.69	
E5514894 (4802909)	<0.2	3.33	12	19	176	1.3	<1	3.57	<0.5	79	19.4	79.5	35.7	4.20	
E5514895 (4802910)	<0.2	3.37	5	11	129	1.2	<1	0.53	<0.5	48	19.4	83.9	24.9	4.30	
E5514896 (4802911)	<0.2	2.99	3	6	139	0.9	<1	0.63	<0.5	40	16.2	82.1	16.8	3.48	
E5514897 (4802912)	<0.2	4.50	8	13	226	1.6	<1	0.80	<0.5	108	17.5	88.2	29.4	4.85	
E5514898 (4802913)	<0.2	3.92	6	14	178	1.4	<1	0.78	<0.5	70	22.5	91.3	29.8	4.83	
E5514899 (4802914)	<0.2	2.95	4	10	152	1.1	<1	0.60	<0.5	78	21.9	68.1	21.4	3.63	
E5514900 (4802915)	<0.2	4.03	7	14	156	1.2	<1	0.45	<0.5	53	18.6	86.3	27.7	4.66	
E5514901 (4802916)	<0.2	0.96	3	<5	43	<0.5	<1	0.36	<0.5	36	8.2	23.8	13.4	1.36	
E5514902 (4802917)	<0.2	3.97	7	13	151	1.3	<1	0.47	<0.5	51	18.6	84.5	26.6	4.86	
E5514903 (4802918)	<0.2	3.17	5	10	150	1.3	<1	0.55	<0.5	58	18.8	71.2	20.1	4.00	
E5514904 (4802919)	<0.2	3.97	5	13	160	1.2	<1	0.53	<0.5	49	18.4	91.0	28.6	4.74	
E5514905 (4802920)	0.9	1.40	4	<5	34	<0.5	<1	0.11	<0.5	10	1.8	10.4	23.2	0.65	
E5514906 (4802921)	<0.2	4.02	10	21	240	1.8	<1	0.79	<0.5	86	21.9	93.1	37.5	4.79	
E5514907 (4802922)	<0.2	4.25	7	18	204	1.6	<1	0.78	<0.5	80	22.6	91.1	33.4	5.04	
E5514908 (4802923)	<0.2	4.10	6	21	217	1.6	<1	0.83	<0.5	86	21.8	92.2	40.3	5.12	
E5514909 (4802924)	<0.2	3.71	7	12	145	1.2	<1	0.61	<0.5	67	20.1	81.3	30.1	4.51	
E5514910 (4802925)	<0.2	2.86	3	11	151	1.0	<1	0.77	<0.5	75	17.2	70.3	21.9	3.53	
E5514911 (4802926)	<0.2	3.00	7	11	127	1.1	<1	0.56	<0.5	55	17.2	69.8	22.3	3.75	
E5514912 (4802927)	<0.2	4.15	7	14	170	1.3	<1	0.57	<0.5	56	19.8	87.4	33.0	4.76	
E5514913 (4802928)	<0.2	2.96	7	10	98	1.0	<1	0.38	<0.5	40	15.2	70.7	19.3	3.67	
E5514914 (4802929)	<0.2	4.20	7	12	174	1.2	<1	0.54	<0.5	57	20.2	92.6	34.2	4.97	
E5514915 (4802930)	<0.2	3.81	9	14	181	1.5	<1	0.74	<0.5	78	20.7	84.8	36.4	4.83	
E5514916 (4802931)	<0.2	4.44	9	16	183	1.5	<1	0.64	<0.5	68	22.1	96.5	38.8	5.32	
E5514917 (4802932)	<0.2	4.01	7	11	146	1.2	<1	0.54	<0.5	51	18.8	83.8	26.9	4.86	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766322  
PROJECT NO: Soil Sampling Project

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013	DATE RECEIVED: Oct 04, 2013					DATE REPORTED: Oct 15, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5514918 (4802933)	<0.2	3.83	4	12	155	1.2	<1	0.50	<0.5	63	18.9	86.2	30.2	4.45	
E5514919 (4802934)	<0.2	3.93	7	13	155	1.4	<1	0.55	<0.5	58	20.8	88.9	29.5	4.69	
E5514920 (4802936)	<0.2	4.01	4	14	156	1.3	<1	0.57	<0.5	62	22.7	89.1	29.5	4.90	
E5514921 (4802937)	<0.2	3.44	5	13	137	1.2	<1	0.51	<0.5	62	19.0	77.4	27.7	4.34	
E5514922 (4802938)	<0.2	2.57	6	10	148	1.0	<1	0.88	<0.5	69	17.5	68.6	24.3	3.30	
E5514923 (4802939)	<0.2	2.88	15	22	148	1.1	<1	6.57	<0.5	67	17.6	72.8	31.8	3.70	
E5514924 (4802940)	<0.2	3.63	8	15	216	1.4	<1	1.24	<0.5	82	20.0	80.6	29.6	4.41	
E5514925 (4802941)	<0.2	3.01	7	10	177	1.2	<1	0.82	<0.5	70	17.2	67.2	19.0	3.62	
E5514926 (4802943)	0.2	1.52	4	<5	18	<0.5	<1	0.17	<0.5	12	3.9	35.5	14.0	1.44	
E5514927 (4802944)	<0.2	2.66	5	5	104	0.8	<1	0.52	<0.5	33	14.6	78.1	17.4	3.29	
E5514928 (4802945)	<0.2	3.37	3	13	123	1.1	<1	0.49	<0.5	43	18.6	78.1	18.4	3.98	
E5514929 (4802946)	<0.2	3.52	5	13	145	1.2	<1	0.61	<0.5	65	19.7	78.3	20.1	4.12	
E5514930 (4802947)	<0.2	3.50	4	9	143	1.1	<1	0.61	<0.5	52	18.7	85.5	24.3	4.14	
E5514931 (4802948)	<0.2	3.70	8	13	160	1.4	<1	0.58	<0.5	79	24.4	89.0	29.1	4.65	
E5514932 (4802949)	<0.2	4.22	5	17	159	1.4	<1	0.52	<0.5	58	22.7	88.0	26.4	4.93	
E5514933 (4802950)	<0.2	3.75	9	17	173	1.3	<1	1.37	<0.5	65	16.9	86.2	26.0	4.06	
E5514934 (4802952)	<0.2	4.26	8	19	182	1.6	<1	0.71	<0.5	72	23.7	91.0	33.1	5.06	
E5514935 (4802953)	<0.2	3.43	7	13	130	1.4	<1	0.57	<0.5	69	20.7	80.4	18.1	4.49	
E5514936 (4802954)	<0.2	3.83	5	15	165	1.3	<1	0.51	<0.5	54	19.3	88.4	27.7	4.41	
E5514937 (4802955)	<0.2	3.15	3	8	112	1.0	<1	0.52	<0.5	44	18.1	80.0	20.5	3.91	
E5514938 (4802957)	<0.2	3.76	5	13	148	1.3	<1	0.75	<0.5	67	19.1	79.9	24.4	4.23	
E5514939 (4802958)	<0.2	1.91	<1	<5	66	<0.5	<1	0.39	<0.5	24	9.8	55.4	8.9	2.10	
E5514940 (4802959)	<0.2	2.39	2	<5	72	<0.5	<1	0.34	<0.5	21	11.4	53.8	15.6	2.53	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766322  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5514886 (4802900)	12	<1	<1	0.55	28	57	1.44	726	<0.5	0.02	48.3	475	28.5	121
E5514887 (4802901)	<5	<1	<1	0.01	2	<1	0.04	12	2.9	<0.01	7.8	171	11.9	<10
E5514888 (4802902)	12	<1	<1	0.45	18	55	1.44	719	<0.5	0.02	43.7	393	26.9	122
E5514889 (4802903)	13	<1	<1	0.54	32	57	1.47	768	<0.5	0.03	50.8	426	27.7	128
E5514890 (4802904)	12	<1	<1	0.45	34	47	1.13	452	<0.5	0.02	40.6	771	22.9	111
E5514891 (4802906)	9	<1	<1	0.37	15	42	1.14	353	<0.5	0.02	37.2	212	18.6	84
E5514892 (4802907)	10	<1	<1	0.46	31	47	1.41	492	<0.5	0.03	44.1	512	22.7	97
E5514893 (4802908)	11	<1	<1	0.50	22	52	1.46	658	<0.5	0.02	46.8	305	30.0	126
E5514894 (4802909)	10	<1	<1	0.61	42	52	1.92	751	0.7	0.04	47.7	537	25.9	130
E5514895 (4802910)	12	<1	<1	0.46	20	52	1.40	722	<0.5	0.02	46.8	374	28.7	118
E5514896 (4802911)	10	<1	<1	0.39	17	42	1.28	657	<0.5	0.04	39.7	490	22.1	101
E5514897 (4802912)	13	<1	<1	0.54	56	67	1.34	391	1.5	0.02	48.4	624	28.5	121
E5514898 (4802913)	12	<1	<1	0.56	30	60	1.55	1050	<0.5	0.03	51.2	537	30.5	137
E5514899 (4802914)	8	<1	1	0.37	26	49	1.14	516	<0.5	0.02	41.4	441	26.0	83
E5514900 (4802915)	12	<1	<1	0.49	21	55	1.37	537	<0.5	0.02	44.8	278	28.4	117
E5514901 (4802916)	<5	<1	<1	0.11	17	14	0.40	253	<0.5	0.01	16.4	530	9.6	20
E5514902 (4802917)	12	<1	<1	0.47	24	60	1.41	576	<0.5	0.02	45.7	418	27.2	126
E5514903 (4802918)	10	<1	<1	0.38	28	49	1.25	784	<0.5	0.02	40.2	406	24.3	83
E5514904 (4802919)	12	<1	<1	0.53	20	52	1.47	579	<0.5	0.03	46.9	304	27.2	129
E5514905 (4802920)	<5	<1	<1	0.03	5	<1	0.03	26	1.1	<0.01	6.7	1680	13.5	<10
E5514906 (4802921)	14	<1	<1	0.60	42	58	1.53	784	<0.5	0.04	54.2	483	29.3	118
E5514907 (4802922)	12	<1	<1	0.61	34	63	1.59	800	<0.5	0.03	52.2	410	29.1	130
E5514908 (4802923)	12	<1	<1	0.62	44	62	1.65	745	<0.5	0.04	54.4	567	29.8	116
E5514909 (4802924)	12	<1	<1	0.50	26	54	1.43	675	<0.5	0.03	46.9	448	28.0	111
E5514910 (4802925)	8	<1	<1	0.37	33	45	1.16	650	<0.5	0.03	38.8	564	21.5	81
E5514911 (4802926)	9	<1	<1	0.39	24	46	1.17	575	<0.5	0.03	38.5	450	22.2	78
E5514912 (4802927)	12	<1	<1	0.50	23	54	1.44	601	<0.5	0.02	46.4	270	28.5	117
E5514913 (4802928)	10	1	<1	0.38	19	42	1.08	487	<0.5	0.02	36.2	432	22.5	91
E5514914 (4802929)	12	<1	<1	0.53	26	54	1.56	640	<0.5	0.03	49.8	368	28.6	127
E5514915 (4802930)	12	<1	<1	0.53	37	54	1.47	677	<0.5	0.03	49.7	443	29.6	104
E5514916 (4802931)	14	<1	<1	0.64	28	58	1.64	708	<0.5	0.03	53.2	383	31.4	145
E5514917 (4802932)	12	<1	<1	0.49	23	57	1.43	602	<0.5	0.02	45.0	309	28.5	115

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766322  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013	DATE RECEIVED: Oct 04, 2013						DATE REPORTED: Oct 15, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5514918 (4802933)	11	<1	<1	0.47	25	50	1.32	564	<0.5	0.03	45.1	331	26.7	102	
E5514919 (4802934)	12	1	<1	0.56	23	53	1.53	717	<0.5	0.03	48.5	292	27.4	133	
E5514920 (4802936)	14	<1	<1	0.58	23	57	1.54	740	<0.5	0.03	49.3	295	30.3	139	
E5514921 (4802937)	10	<1	<1	0.47	25	50	1.31	628	<0.5	0.02	42.6	379	26.5	100	
E5514922 (4802938)	8	<1	<1	0.37	31	40	1.14	905	<0.5	0.04	39.2	568	20.0	83	
E5514923 (4802939)	10	<1	<1	0.59	34	50	2.01	623	0.9	0.11	42.4	538	25.0	134	
E5514924 (4802940)	12	<1	<1	0.51	39	58	1.43	634	<0.5	0.04	47.3	512	26.0	105	
E5514925 (4802941)	9	<1	<1	0.37	35	53	1.12	509	<0.5	0.03	39.1	526	21.9	75	
E5514926 (4802943)	<5	<1	<1	0.02	6	5	0.20	62	0.5	<0.01	12.2	471	7.6	<10	
E5514927 (4802944)	10	<1	<1	0.28	15	42	1.14	425	<0.5	0.03	41.2	479	18.8	81	
E5514928 (4802945)	11	<1	<1	0.46	18	50	1.32	611	<0.5	0.03	43.2	349	24.8	113	
E5514929 (4802946)	11	<1	<1	0.46	23	48	1.30	817	<0.5	0.03	41.3	415	26.5	107	
E5514930 (4802947)	11	<1	<1	0.48	23	50	1.41	712	<0.5	0.03	44.3	431	53.4	126	
E5514931 (4802948)	12	<1	<1	0.46	26	51	1.37	1040	<0.5	0.03	46.1	354	33.7	130	
E5514932 (4802949)	13	<1	<1	0.58	20	62	1.53	735	<0.5	0.02	48.2	231	32.4	124	
E5514933 (4802950)	10	<1	<1	0.46	38	48	1.26	516	<0.5	0.04	43.8	635	23.9	110	
E5514934 (4802952)	12	<1	<1	0.62	28	58	1.55	770	<0.5	0.03	50.0	335	31.5	133	
E5514935 (4802953)	11	<1	<1	0.45	34	50	1.31	873	<0.5	0.02	41.8	516	27.2	115	
E5514936 (4802954)	11	<1	<1	0.53	22	51	1.44	651	<0.5	0.03	46.1	299	26.1	133	
E5514937 (4802955)	11	<1	<1	0.39	19	48	1.27	692	<0.5	0.03	41.2	371	23.5	105	
E5514938 (4802957)	12	<1	<1	0.46	28	52	1.30	683	<0.5	0.02	43.4	488	27.5	114	
E5514939 (4802958)	6	<1	3	0.12	11	22	0.79	283	<0.5	0.03	27.1	187	11.2	42	
E5514940 (4802959)	6	<1	<1	0.11	10	26	0.72	286	<0.5	0.02	27.7	371	11.4	28	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766322  
PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013	DATE RECEIVED: Oct 04, 2013					DATE REPORTED: Oct 15, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5514886 (4802900)	0.024	1	9.4	<10	11	28.6	<10	<10	6	0.16	<5	<5	87.9	3	
E5514887 (4802901)	0.160	<1	<0.5	<10	<5	13.2	<10	<10	<5	<0.01	<5	<5	4.0	<1	
E5514888 (4802902)	0.020	<1	7.3	<10	14	26.1	<10	<10	<5	0.19	<5	<5	89.2	1	
E5514889 (4802903)	0.019	1	10.6	<10	13	31.6	<10	<10	9	0.19	<5	<5	89.6	2	
E5514890 (4802904)	0.031	1	7.3	<10	11	30.8	<10	<10	<5	0.14	<5	<5	73.5	2	
E5514891 (4802906)	0.012	<1	7.0	10	11	23.1	<10	<10	7	0.16	<5	<5	68.8	<1	
E5514892 (4802907)	0.034	<1	10.9	11	17	37.2	<10	<10	10	0.15	<5	<5	75.3	<1	
E5514893 (4802908)	0.019	<1	9.8	<10	13	27.4	<10	<10	7	0.19	<5	<5	88.4	2	
E5514894 (4802909)	0.054	3	12.6	<10	26	50.8	<10	<10	10	0.18	<5	<5	79.7	1	
E5514895 (4802910)	0.023	<1	8.2	<10	13	28.1	<10	<10	6	0.20	<5	<5	88.4	1	
E5514896 (4802911)	0.018	<1	8.0	<10	14	34.0	<10	<10	8	0.22	<5	<5	75.1	1	
E5514897 (4802912)	0.029	1	10.5	<10	11	37.8	<10	<10	6	0.15	<5	7	84.9	1	
E5514898 (4802913)	0.027	<1	9.5	<10	13	31.8	<10	<10	6	0.19	<5	<5	90.0	2	
E5514899 (4802914)	0.016	<1	7.7	<10	11	27.8	<10	<10	7	0.16	<5	<5	72.8	<1	
E5514900 (4802915)	0.016	2	10.0	<10	12	26.5	<10	<10	8	0.17	<5	<5	89.5	3	
E5514901 (4802916)	0.011	<1	2.9	<10	6	14.5	<10	<10	<5	0.08	<5	<5	33.4	<1	
E5514902 (4802917)	0.019	2	8.4	11	11	25.9	<10	<10	7	0.18	<5	<5	92.6	3	
E5514903 (4802918)	0.014	1	8.3	<10	13	28.4	<10	<10	8	0.18	<5	<5	80.9	1	
E5514904 (4802919)	0.018	<1	10.2	15	14	30.0	<10	<10	8	0.20	<5	<5	90.1	2	
E5514905 (4802920)	0.164	<1	<0.5	<10	<5	6.9	<10	<10	<5	<0.01	<5	<5	9.1	<1	
E5514906 (4802921)	0.016	<1	14.6	<10	13	41.9	<10	<10	11	0.18	<5	<5	93.8	1	
E5514907 (4802922)	0.016	1	11.8	12	14	37.9	<10	<10	10	0.18	<5	<5	92.0	2	
E5514908 (4802923)	0.017	<1	14.8	11	14	41.8	<10	<10	11	0.18	<5	<5	94.5	3	
E5514909 (4802924)	0.018	1	9.9	<10	13	30.2	<10	<10	8	0.18	<5	<5	83.7	1	
E5514910 (4802925)	0.035	<1	8.3	<10	12	35.2	<10	<10	5	0.16	<5	<5	67.7	1	
E5514911 (4802926)	0.014	<1	8.3	<10	11	28.2	<10	<10	8	0.16	<5	<5	76.6	<1	
E5514912 (4802927)	0.022	1	11.1	<10	14	30.6	<10	<10	9	0.17	<5	<5	89.1	2	
E5514913 (4802928)	0.020	2	6.5	<10	10	22.5	<10	<10	7	0.14	<5	<5	78.8	1	
E5514914 (4802929)	0.015	<1	11.9	<10	14	31.3	<10	<10	10	0.21	<5	<5	91.3	3	
E5514915 (4802930)	0.016	<1	11.9	<10	12	34.7	<10	<10	8	0.17	<5	<5	87.9	3	
E5514916 (4802931)	0.022	<1	12.8	<10	14	32.1	<10	<10	10	0.19	<5	<5	95.7	2	
E5514917 (4802932)	0.020	2	9.6	<10	12	28.5	<10	<10	9	0.19	<5	<5	90.6	2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766322  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013	DATE RECEIVED: Oct 04, 2013					DATE REPORTED: Oct 15, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5514918 (4802933)	0.018	<1	10.4	<10	12	29.5	<10	<10	7	0.17	<5	<5	84.2	2	
E5514919 (4802934)	0.014	<1	11.4	<10	14	31.7	<10	<10	10	0.21	<5	<5	89.5	2	
E5514920 (4802936)	0.015	<1	10.8	10	14	29.7	<10	<10	8	0.20	<5	<5	90.4	2	
E5514921 (4802937)	0.014	<1	9.4	<10	13	27.9	<10	<10	9	0.17	<5	<5	82.1	4	
E5514922 (4802938)	0.040	<1	8.5	<10	12	33.0	<10	<10	8	0.15	<5	<5	64.4	1	
E5514923 (4802939)	0.087	<1	13.5	<10	41	69.2	<10	<10	11	0.16	<5	<5	76.8	<1	
E5514924 (4802940)	0.022	2	11.8	<10	15	40.8	<10	<10	8	0.17	<5	<5	84.0	3	
E5514925 (4802941)	0.023	1	8.1	<10	11	31.9	<10	<10	8	0.15	<5	<5	72.2	<1	
E5514926 (4802943)	0.040	<1	2.1	<10	5	10.9	<10	<10	<5	0.07	<5	<5	28.6	1	
E5514927 (4802944)	0.020	<1	6.4	<10	12	30.4	<10	<10	<5	0.20	<5	<5	71.2	2	
E5514928 (4802945)	0.014	<1	8.2	<10	14	28.2	<10	<10	7	0.18	<5	<5	80.3	<1	
E5514929 (4802946)	0.017	<1	8.6	10	12	31.2	<10	<10	8	0.17	<5	<5	81.6	2	
E5514930 (4802947)	0.017	<1	9.2	<10	14	33.1	<10	<10	8	0.21	<5	<5	83.8	2	
E5514931 (4802948)	0.018	<1	9.3	<10	14	31.8	<10	<10	8	0.20	<5	<5	102	1	
E5514932 (4802949)	0.017	<1	10.1	<10	13	29.8	<10	<10	8	0.19	<5	<5	95.6	2	
E5514933 (4802950)	0.062	2	9.6	<10	15	44.6	<10	<10	6	0.16	<5	<5	78.9	2	
E5514934 (4802952)	0.022	<1	11.1	<10	13	35.8	<10	<10	8	0.18	<5	<5	94.2	<1	
E5514935 (4802953)	0.026	<1	8.1	<10	12	30.0	<10	<10	7	0.17	<5	<5	94.1	2	
E5514936 (4802954)	0.013	<1	11.1	<10	13	31.6	<10	<10	10	0.20	<5	<5	88.5	2	
E5514937 (4802955)	0.015	<1	7.7	<10	12	29.4	<10	<10	8	0.19	<5	<5	84.3	2	
E5514938 (4802957)	0.025	2	7.7	<10	12	34.5	<10	<10	<5	0.15	<5	<5	82.7	<1	
E5514939 (4802958)	0.010	<1	4.4	<10	9	28.6	<10	<10	<5	0.14	<5	<5	46.7	<1	
E5514940 (4802959)	0.025	<1	4.1	<10	8	20.3	<10	<10	<5	0.12	<5	<5	43.9	1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766322

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5514886 (4802900)		10	117	8
E5514887 (4802901)		1	32.4	<5
E5514888 (4802902)		6	117	<5
E5514889 (4802903)		13	99.4	10
E5514890 (4802904)		12	106	<5
E5514891 (4802906)		4	74.3	7
E5514892 (4802907)		12	84.3	19
E5514893 (4802908)		6	104	10
E5514894 (4802909)		16	83.7	25
E5514895 (4802910)		6	111	6
E5514896 (4802911)		6	101	5
E5514897 (4802912)		20	131	8
E5514898 (4802913)		11	138	5
E5514899 (4802914)		10	109	6
E5514900 (4802915)		6	84.7	14
E5514901 (4802916)		7	25.9	<5
E5514902 (4802917)		8	92.4	<5
E5514903 (4802918)		10	77.1	6
E5514904 (4802919)		6	96.8	11
E5514905 (4802920)		5	19.5	<5
E5514906 (4802921)		16	98.6	29
E5514907 (4802922)		13	93.2	15
E5514908 (4802923)		17	98.0	30
E5514909 (4802924)		9	91.4	11
E5514910 (4802925)		13	94.1	7
E5514911 (4802926)		9	75.1	9
E5514912 (4802927)		7	87.2	15
E5514913 (4802928)		6	80.3	<5
E5514914 (4802929)		7	109	17
E5514915 (4802930)		14	97.5	19
E5514916 (4802931)		9	101	20
E5514917 (4802932)		7	82.9	10

Certified By:





## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5514918 (4802933)		8	80.0	15
E5514919 (4802934)		7	94.0	15
E5514920 (4802936)		8	103	12
E5514921 (4802937)		8	83.3	12
E5514922 (4802938)		12	88.7	11
E5514923 (4802939)		13	80.5	35
E5514924 (4802940)		16	87.7	19
E5514925 (4802941)		15	77.9	7
E5514926 (4802943)		3	15.3	<5
E5514927 (4802944)		6	88.3	<5
E5514928 (4802945)		6	86.7	8
E5514929 (4802946)		9	81.9	7
E5514930 (4802947)		8	108	6
E5514931 (4802948)		9	90.0	7
E5514932 (4802949)		6	94.1	12
E5514933 (4802950)		14	89.6	9
E5514934 (4802952)		9	100	12
E5514935 (4802953)		12	91.9	<5
E5514936 (4802954)		6	94.1	14
E5514937 (4802955)		6	98.9	<5
E5514938 (4802957)		10	85.2	<5
E5514939 (4802958)		4	51.7	<5
E5514940 (4802959)		4	54.7	<5

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766322

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5514886 (4802900)		0.47	0.015
E5514887 (4802901)		0.29	0.005
E5514888 (4802902)		0.43	0.007
E5514889 (4802903)		0.76	0.002
E5514890 (4802904)		0.63	0.003
E5514891 (4802906)		0.55	0.004
E5514892 (4802907)		0.76	0.009
E5514893 (4802908)		0.54	0.075
E5514894 (4802909)		0.55	0.004
E5514895 (4802910)		0.48	0.003
E5514896 (4802911)		0.53	0.010
E5514897 (4802912)		0.56	0.003
E5514898 (4802913)		0.58	<0.001
E5514899 (4802914)		0.52	0.001
E5514900 (4802915)		0.53	0.003
E5514901 (4802916)		0.61	0.018
E5514902 (4802917)		0.72	0.004
E5514903 (4802918)		0.58	0.004
E5514904 (4802919)		0.57	0.004
E5514905 (4802920)		0.42	0.010
E5514906 (4802921)		0.50	0.003
E5514907 (4802922)		0.54	0.004
E5514908 (4802923)		0.65	0.002
E5514909 (4802924)		0.60	0.005
E5514910 (4802925)		0.65	0.004
E5514911 (4802926)		0.59	0.008
E5514912 (4802927)		0.66	0.003
E5514913 (4802928)		0.64	0.004
E5514914 (4802929)		0.50	0.005
E5514915 (4802930)		0.59	0.002
E5514916 (4802931)		0.61	0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766322  
PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5514917 (4802932)		0.58	0.031
E5514918 (4802933)		0.69	0.003
E5514919 (4802934)		0.55	0.008
E5514920 (4802936)		0.58	0.003
E5514921 (4802937)		0.64	0.002
E5514922 (4802938)		0.64	0.003
E5514923 (4802939)		0.72	0.003
E5514924 (4802940)		0.60	0.010
E5514925 (4802941)		0.48	0.021
E5514926 (4802943)		0.73	0.003
E5514927 (4802944)		0.44	0.011
E5514928 (4802945)		0.69	0.006
E5514929 (4802946)		0.62	0.003
E5514930 (4802947)		0.57	0.009
E5514931 (4802948)		0.59	0.003
E5514932 (4802949)		0.61	0.004
E5514933 (4802950)		0.55	0.003
E5514934 (4802952)		0.51	<0.001
E5514935 (4802953)		0.55	0.003
E5514936 (4802954)		0.60	0.005
E5514937 (4802955)		0.52	0.002
E5514938 (4802957)		0.70	0.002
E5514939 (4802958)		0.60	0.004
E5514940 (4802959)		0.63	0.009

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	E5514886	< 0.2	< 0.2	0.0%	E5514905	0.9	2.4		E5514924	< 0.2	< 0.2	0.0%	E5514936	< 0.2	< 0.2	0.0%
Al	E5514886	4.16	4.16	0.0%	E5514905	1.40	1.32	5.9%	E5514924	3.63	3.55	2.2%	E5514936	3.83	4.00	4.3%
As	E5514886	6	6	0.0%	E5514905	4	4	0.0%	E5514924	8	5		E5514936	5	6	18.2%
B	E5514886	13	14	7.4%	E5514905	< 5	< 5	0.0%	E5514924	15	15	0.0%	E5514936	15	13	14.3%
Ba	E5514886	177	176	0.6%	E5514905	34	34	0.0%	E5514924	216	219	1.4%	E5514936	165	173	4.7%
Be	E5514886	1.4	1.4	0.0%	E5514905	< 0.5	< 0.5	0.0%	E5514924	1.4	1.4	0.0%	E5514936	1.28	1.19	7.3%
Bi	E5514886	< 1	< 1	0.0%	E5514905	< 1	< 1	0.0%	E5514924	< 1	< 1	0.0%	E5514936	< 1	< 1	0.0%
Ca	E5514886	0.50	0.50	0.0%	E5514905	0.105	0.104	1.0%	E5514924	1.24	1.24	0.0%	E5514936	0.51	0.52	1.9%
Cd	E5514886	< 0.5	< 0.5	0.0%	E5514905	< 0.5	< 0.5	0.0%	E5514924	< 0.5	< 0.5	0.0%	E5514936	< 0.5	< 0.5	0.0%
Ce	E5514886	73	74	1.4%	E5514905	10	10	0.0%	E5514924	82	81	1.2%	E5514936	54	55	1.8%
Co	E5514886	24.3	24.6	1.2%	E5514905	1.8	1.8	0.0%	E5514924	20.0	20.0	0.0%	E5514936	19.3	20.3	5.1%
Cr	E5514886	86.0	86.1	0.1%	E5514905	10.4	12.5	18.3%	E5514924	80.6	80.5	0.1%	E5514936	88.4	89.8	1.6%
Cu	E5514886	31.6	31.0	1.9%	E5514905	23.2	24.0	3.4%	E5514924	29.6	29.9	1.0%	E5514936	27.7	29.4	6.0%
Fe	E5514886	4.85	4.86	0.2%	E5514905	0.65	0.64	1.6%	E5514924	4.41	4.42	0.2%	E5514936	4.41	4.57	3.6%
Ga	E5514886	12	12	0.0%	E5514905	< 5	< 5	0.0%	E5514924	12	11	8.7%	E5514936	11	12	8.7%
Hg	E5514886	< 1	< 1	0.0%	E5514905	< 1	< 1	0.0%	E5514924	< 1	< 1	0.0%	E5514936	< 1	< 1	0.0%
In	E5514886	< 1	< 1	0.0%	E5514905	< 1	< 1	0.0%	E5514924	< 1	< 1	0.0%	E5514936	< 1	< 1	0.0%
K	E5514886	0.55	0.55	0.0%	E5514905	0.03	0.03	0.0%	E5514924	0.51	0.51	0.0%	E5514936	0.53	0.54	1.9%
La	E5514886	28	28	0.0%	E5514905	5	5	0.0%	E5514924	39	39	0.0%	E5514936	22	22	0.0%
Li	E5514886	57	57	0.0%	E5514905	< 1	< 1	0.0%	E5514924	58	58	0.0%	E5514936	51	52	1.9%
Mg	E5514886	1.44	1.44	0.0%	E5514905	0.03	0.03	0.0%	E5514924	1.43	1.43	0.0%	E5514936	1.44	1.48	2.7%
Mn	E5514886	726	736	1.4%	E5514905	26	25	3.9%	E5514924	634	640	0.9%	E5514936	651	674	3.5%
Mo	E5514886	< 0.5	< 0.5	0.0%	E5514905	1.1	1.1	0.0%	E5514924	< 0.5	< 0.5	0.0%	E5514936	< 0.5	< 0.5	0.0%
Na	E5514886	0.02	0.02	0.0%	E5514905	< 0.01	< 0.01	0.0%	E5514924	0.04	0.04	0.0%	E5514936	0.03	0.03	0.0%
Ni	E5514886	48.3	48.6	0.6%	E5514905	6.7	7.6	12.6%	E5514924	47.3	47.8	1.1%	E5514936	46.1	47.9	3.8%
P	E5514886	475	469	1.3%	E5514905	1680	1690	0.6%	E5514924	512	506	1.2%	E5514936	299	305	2.0%
Pb	E5514886	28.5	29.8	4.5%	E5514905	13.5	16.2	18.2%	E5514924	26.0	24.8	4.7%	E5514936	26.1	28.1	7.4%
Rb	E5514886	121	121	0.0%	E5514905	< 10	< 10	0.0%	E5514924	105	105	0.0%	E5514936	133	134	0.7%
S	E5514886	0.024	0.024	0.0%	E5514905	0.164	0.167	1.8%	E5514924	0.022	0.025	12.8%	E5514936	0.013	0.015	14.3%
Sb	E5514886	1	1	0.0%	E5514905	< 1	< 1	0.0%	E5514924	2	1		E5514936	< 1	< 1	0.0%
Sc	E5514886	9.4	9.4	0.0%	E5514905	< 0.5	< 0.5	0.0%	E5514924	11.8	11.5	2.6%	E5514936	11.1	11.3	1.8%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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Se	E5514886	< 10	< 10	0.0%	E5514905	< 10	< 10	0.0%	E5514924	< 10	< 10	0.0%	E5514936	< 10	< 10	0.0%
Sn	E5514886	11	13	16.7%	E5514905	< 5	< 5	0.0%	E5514924	15	16	6.5%	E5514936	13	14	7.4%
Sr	E5514886	28.6	28.3	1.1%	E5514905	6.95	7.64	9.5%	E5514924	40.8	39.3	3.7%	E5514936	31.6	33.9	7.0%
Ta	E5514886	< 10	< 10	0.0%	E5514905	< 10	< 10	0.0%	E5514924	< 10	< 10	0.0%	E5514936	< 10	< 10	0.0%
Te	E5514886	< 10	< 10	0.0%	E5514905	< 10	< 10	0.0%	E5514924	< 10	< 10	0.0%	E5514936	< 10	< 10	0.0%
Th	E5514886	6	6	0.0%	E5514905	< 5	< 5	0.0%	E5514924	8	9	11.8%	E5514936	10	10	0.0%
Ti	E5514886	0.163	0.167	2.4%	E5514905	< 0.01	< 0.01	0.0%	E5514924	0.17	0.17	0.0%	E5514936	0.200	0.209	4.4%
Tl	E5514886	< 5	< 5	0.0%	E5514905	< 5	< 5	0.0%	E5514924	< 5	< 5	0.0%	E5514936	< 5	< 5	0.0%
U	E5514886	< 5	< 5	0.0%	E5514905	< 5	< 5	0.0%	E5514924	< 5	< 5	0.0%	E5514936	< 5	< 5	0.0%
V	E5514886	87.9	87.5	0.5%	E5514905	9.06	9.01	0.6%	E5514924	84.0	82.4	1.9%	E5514936	88.5	90.5	2.2%
W	E5514886	3	3	0.0%	E5514905	< 1	< 1	0.0%	E5514924	3	1		E5514936	2	2	0.0%
Y	E5514886	10	10	0.0%	E5514905	5	4	22.2%	E5514924	16	16	0.0%	E5514936	6	7	15.4%
Zn	E5514886	117	116	0.9%	E5514905	19.5	31.1		E5514924	87.7	88.8	1.2%	E5514936	94.1	97.9	4.0%
Zr	E5514886	8	8	0.0%	E5514905	< 5	< 5	0.0%	E5514924	19	18	5.4%	E5514936	14	13	7.4%

### Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5514886	0.015	0.003		E5514901	0.018	0.003		E5514910	0.004	0.004	0.0%	E5514933	0.0030	0.0038	23.5%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	167	90%	90% - 110%	184	166	90%	90% - 110%	184	166	90%	90% - 110%	184	166	90%	90% - 110%
Cu	3494	3423	98%	90% - 110%	3494	3572	102%	90% - 110%	3494	3501	100%	90% - 110%	3494	3480	100%	90% - 110%
Ni	2985	2718	91%	90% - 110%	2985	2659	89%	90% - 110%	2985	2968	99%	90% - 110%	2985	2689	90%	90% - 110%

### Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	CRM #1 (1P5F)				CRM #2 (GS7E)				CRM #3 (CM14)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.40	1.26	90%	90% - 110%	7.4	7.8	105%	90% - 110%	0.792	0.736	93%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U766322

PROJECT NO: Soil Sampling Project

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: Soil Sampling Project

AGAT WORK ORDER: 13U766327

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Oct 15, 2013

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.





## Certificate of Analysis

AGAT WORK ORDER: 13U766327  
PROJECT NO: Soil Sampling Project

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5514941 (4803029)		<0.2	2.00	2	8	101	0.8	<1	0.61	<0.5	50	13.1	54.4	14.3	2.57
E5514942 (4803030)		<0.2	2.15	5	9	105	0.8	<1	0.70	<0.5	58	14.9	57.1	21.4	2.82
E5514943 (4803031)		<0.2	2.57	5	11	127	1.0	<1	0.77	<0.5	59	15.6	65.4	23.0	3.28
E5514944 (4803032)		<0.2	3.68	8	19	188	1.5	<1	0.85	<0.5	83	21.1	85.9	36.5	4.81
E5514945 (4803033)		<0.2	2.60	7	11	135	1.0	<1	0.79	<0.5	67	16.5	67.8	17.8	3.48
E5514946 (4803034)		<0.2	2.67	6	12	148	1.0	<1	0.82	<0.5	61	14.9	68.1	19.4	3.50
E5514947 (4803035)		<0.2	1.92	6	10	104	0.7	<1	1.57	<0.5	45	9.9	45.4	21.7	2.31
E5514948 (4803036)		<0.2	1.52	5	5	64	0.5	<1	0.65	<0.5	43	12.6	52.9	64.3	2.39
E5514949 (4803037)		0.2	0.94	4	11	71	<0.5	<1	2.41	<0.5	21	4.4	23.6	10.0	0.90
E5514950 (4803038)		0.2	0.65	7	16	65	<0.5	<1	3.05	<0.5	17	2.8	15.4	9.9	0.58
E5514951 (4803039)		0.2	3.81	9	19	221	1.3	<1	1.48	<0.5	70	12.4	65.1	28.3	3.60
E5514952 (4803040)		<0.2	3.42	4	12	198	1.3	<1	0.87	<0.5	72	19.5	86.7	29.7	4.24
E5514953 (4803041)		<0.2	1.67	5	8	90	0.7	<1	0.67	<0.5	49	12.2	45.7	15.7	2.38
E5514954 (4803042)		<0.2	1.76	5	7	94	0.7	<1	0.64	<0.5	51	12.5	47.5	23.7	2.43
E5514955 (4803043)		0.4	0.98	3	<5	52	<0.5	<1	0.28	<0.5	17	7.5	13.2	25.1	0.95
E5514956 (4803044)		<0.2	1.94	1	5	113	0.6	<1	0.65	<0.5	48	11.2	59.1	24.3	2.41
E5514957 (4803045)		<0.2	1.70	<1	<5	49	<0.5	<1	0.33	<0.5	13	11.7	34.3	12.6	6.09
E5514958 (4803046)		<0.2	1.29	3	<5	43	<0.5	<1	0.22	<0.5	10	10.7	66.5	9.3	4.24
E5514959 (4803047)		<0.2	1.84	2	<5	94	0.5	<1	0.49	<0.5	38	11.5	54.4	18.5	2.20
E5514960 (4803048)		<0.2	0.65	2	<5	44	<0.5	<1	0.11	<0.5	9	3.3	14.3	7.9	1.35
E5514961 (4803049)		<0.2	1.37	<1	<5	34	0.9	<1	0.31	<0.5	15	16.7	31.3	34.8	8.14
E5514962 (4803050)		<0.2	1.84	<1	<5	101	0.6	<1	0.37	<0.5	34	13.7	55.2	15.1	2.28
E5514963 (4803051)		<0.2	0.70	2	<5	47	<0.5	<1	0.19	0.6	12	4.8	18.7	53.5	1.83
E5514964 (4803052)		<0.2	0.73	3	<5	36	<0.5	<1	0.10	<0.5	10	6.1	17.4	12.5	3.59
E5514965 (4803053)		0.2	1.17	4	<5	54	<0.5	<1	0.41	<0.5	28	8.0	31.1	20.6	1.49
E5514966 (4803054)		<0.2	1.13	<1	<5	28	<0.5	<1	0.17	<0.5	11	5.4	30.5	10.7	2.27
E5514967 (4803055)		<0.2	1.80	1	<5	79	0.6	<1	0.43	<0.5	29	10.5	53.8	11.5	2.19
E5514968 (4803056)		0.2	0.98	1	<5	18	<0.5	<1	0.15	<0.5	13	3.5	8.6	19.1	0.67
E5514969 (4803057)		<0.2	2.65	3	<5	96	0.7	<1	0.36	<0.5	26	12.6	63.8	12.3	3.09

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766327

PROJECT NO: Soil Sampling Project

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5514941 (4803029)	6	<1	<1	0.23	23	29	0.86	680	<0.5	0.02	29.1	547	15.5	52
E5514942 (4803030)	6	<1	<1	0.29	27	30	0.94	678	1.3	0.03	31.8	506	16.6	61
E5514943 (4803031)	7	<1	<1	0.37	25	36	1.13	643	<0.5	0.03	35.9	471	20.0	76
E5514944 (4803032)	10	<1	<1	0.71	39	57	1.59	663	<0.5	0.04	51.6	524	28.5	131
E5514945 (4803033)	8	<1	1	0.37	31	40	1.15	786	<0.5	0.03	36.8	503	21.6	83
E5514946 (4803034)	7	<1	<1	0.38	32	41	1.16	789	<0.5	0.03	36.4	472	19.5	85
E5514947 (4803035)	6	<1	2	0.23	24	25	0.72	443	1.3	0.04	26.1	639	17.9	46
E5514948 (4803036)	5	<1	3	0.20	19	21	0.73	545	0.7	0.13	31.3	631	28.1	49
E5514949 (4803037)	<5	<1	<1	0.09	11	11	0.39	109	2.2	0.02	12.3	412	9.6	24
E5514950 (4803038)	<5	<1	1	0.06	9	6	0.29	137	2.7	0.02	8.8	494	11.4	19
E5514951 (4803039)	9	<1	<1	0.49	40	45	1.01	782	1.4	0.02	36.0	1030	27.9	92
E5514952 (4803040)	10	<1	<1	0.47	34	50	1.39	686	<0.5	0.21	45.3	478	24.5	114
E5514953 (4803041)	<5	<1	<1	0.22	22	25	0.75	893	0.6	0.02	26.6	550	14.5	44
E5514954 (4803042)	5	<1	2	0.23	23	27	0.77	775	<0.5	0.02	27.3	534	14.8	46
E5514955 (4803043)	<5	<1	<1	0.04	8	2	0.15	192	0.9	0.02	9.3	553	21.6	<10
E5514956 (4803044)	6	<1	<1	0.27	23	27	0.90	327	<0.5	0.10	30.6	475	13.1	54
E5514957 (4803045)	8	<1	<1	0.05	5	13	0.36	639	0.8	<0.01	13.2	767	6.6	18
E5514958 (4803046)	7	<1	<1	0.04	5	9	0.62	277	1.1	<0.01	28.0	511	8.9	13
E5514959 (4803047)	6	<1	1	0.21	18	24	0.76	387	<0.5	0.10	27.9	332	12.4	51
E5514960 (4803048)	<5	<1	<1	0.02	4	3	0.07	1060	<0.5	<0.01	6.4	217	6.0	<10
E5514961 (4803049)	17	<1	<1	0.02	5	1	0.17	183	1.3	<0.01	11.7	463	23.3	<10
E5514962 (4803050)	7	<1	<1	0.18	16	24	0.75	617	<0.5	0.03	27.1	304	48.0	64
E5514963 (4803051)	8	<1	<1	0.03	5	<1	0.05	81	1.1	<0.01	12.6	361	25.6	<10
E5514964 (4803052)	7	<1	<1	0.04	4	2	0.08	223	0.9	<0.01	6.5	640	17.4	12
E5514965 (4803053)	<5	<1	<1	0.10	11	11	0.41	360	0.8	0.01	19.5	465	13.4	20
E5514966 (4803054)	8	<1	<1	0.02	5	8	0.24	107	0.8	<0.01	9.9	276	8.4	<10
E5514967 (4803055)	6	<1	<1	0.17	13	24	0.77	400	<0.5	0.02	26.8	287	12.8	57
E5514968 (4803056)	<5	<1	<1	0.02	6	7	0.12	41	<0.5	<0.01	5.5	209	8.4	<10
E5514969 (4803057)	9	<1	<1	0.27	12	39	1.00	355	<0.5	0.03	31.9	221	16.5	66

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766327  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013	DATE RECEIVED: Oct 04, 2013					DATE REPORTED: Oct 15, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5514941 (4803029)	0.026	<1	5.4	<10	9	25.4	<10	<10	<5	0.12	<5	<5	52.5	<1	
E5514942 (4803030)	0.017	1	6.7	<10	11	31.5	<10	<10	7	0.15	<5	<5	59.8	1	
E5514943 (4803031)	0.032	<1	8.3	<10	12	36.9	<10	<10	7	0.16	<5	<5	65.8	<1	
E5514944 (4803032)	0.019	<1	14.0	<10	14	43.2	<10	<10	9	0.19	<5	<5	84.0	2	
E5514945 (4803033)	0.019	<1	8.2	<10	12	35.9	<10	<10	7	0.17	<5	<5	70.6	1	
E5514946 (4803034)	0.019	<1	8.3	<10	12	37.8	<10	<10	7	0.17	<5	<5	69.1	1	
E5514947 (4803035)	0.164	<1	5.1	<10	12	54.8	<10	<10	<5	0.09	<5	<5	46.3	<1	
E5514948 (4803036)	0.051	1	4.4	<10	9	34.9	<10	<10	<5	0.11	<5	<5	48.3	1	
E5514949 (4803037)	0.470	<1	2.8	<10	13	34.1	<10	<10	<5	0.04	<5	<5	22.2	<1	
E5514950 (4803038)	0.458	1	1.8	<10	15	42.3	<10	<10	<5	0.03	<5	<5	15.8	<1	
E5514951 (4803039)	0.110	3	6.0	<10	13	75.4	<10	<10	<5	0.09	<5	5	63.1	1	
E5514952 (4803040)	0.024	3	10.0	12	14	40.1	<10	<10	10	0.18	<5	<5	82.3	2	
E5514953 (4803041)	0.034	<1	5.5	<10	9	24.5	<10	<10	5	0.10	<5	<5	45.8	<1	
E5514954 (4803042)	0.035	1	6.0	<10	9	24.5	<10	<10	7	0.11	<5	<5	47.5	<1	
E5514955 (4803043)	0.040	<1	1.1	<10	6	24.6	<10	<10	<5	0.08	<5	<5	32.7	<1	
E5514956 (4803044)	0.011	<1	7.6	<10	10	28.1	<10	<10	8	0.15	<5	<5	52.8	<1	
E5514957 (4803045)	0.051	<1	3.7	<10	25	11.3	<10	<10	<5	0.48	<5	<5	208	2	
E5514958 (4803046)	0.026	<1	3.2	<10	15	8.5	<10	<10	<5	0.28	<5	<5	145	3	
E5514959 (4803047)	0.012	<1	5.6	<10	10	27.6	<10	<10	7	0.14	<5	<5	50.5	1	
E5514960 (4803048)	0.019	<1	1.0	<10	<5	9.3	<10	<10	<5	0.08	<5	<5	39.7	<1	
E5514961 (4803049)	0.046	<1	6.5	10	54	9.7	<10	<10	<5	1.04	<5	<5	563	3	
E5514962 (4803050)	0.014	<1	4.6	<10	10	24.4	<10	<10	<5	0.15	<5	<5	53.0	<1	
E5514963 (4803051)	0.062	<1	2.5	<10	15	10.0	<10	<10	<5	0.28	<5	<5	97.7	<1	
E5514964 (4803052)	0.042	<1	1.6	<10	16	5.2	<10	<10	<5	0.30	<5	<5	137	2	
E5514965 (4803053)	0.029	<1	2.5	<10	6	16.6	<10	<10	<5	0.08	<5	<5	35.2	<1	
E5514966 (4803054)	0.034	<1	2.0	<10	12	7.6	<10	<10	<5	0.23	<5	<5	88.3	<1	
E5514967 (4803055)	0.015	<1	4.5	<10	9	24.4	<10	<10	<5	0.14	<5	<5	50.5	<1	
E5514968 (4803056)	0.036	<1	1.7	<10	5	9.4	<10	<10	<5	0.09	<5	<5	28.3	<1	
E5514969 (4803057)	0.014	1	5.7	<10	12	22.8	<10	<10	<5	0.17	<5	<5	66.6	1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766327

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5514941 (4803029)		9	67.3	<5
E5514942 (4803030)		11	53.4	7
E5514943 (4803031)		11	62.7	10
E5514944 (4803032)		15	101	29
E5514945 (4803033)		12	67.2	8
E5514946 (4803034)		12	67.2	8
E5514947 (4803035)		9	60.1	5
E5514948 (4803036)		8	210	<5
E5514949 (4803037)		4	34.7	<5
E5514950 (4803038)		4	41.2	<5
E5514951 (4803039)		15	114	5
E5514952 (4803040)		13	88.8	9
E5514953 (4803041)		9	60.1	6
E5514954 (4803042)		9	64.3	8
E5514955 (4803043)		4	28.8	<5
E5514956 (4803044)		9	52.5	13
E5514957 (4803045)		3	68.2	<5
E5514958 (4803046)		2	57.9	<5
E5514959 (4803047)		7	44.7	6
E5514960 (4803048)		1	22.1	<5
E5514961 (4803049)		4	35.9	8
E5514962 (4803050)		6	63.8	<5
E5514963 (4803051)		3	34.7	<5
E5514964 (4803052)		1	45.5	<5
E5514965 (4803053)		5	56.8	<5
E5514966 (4803054)		2	23.7	<5
E5514967 (4803055)		5	61.2	<5
E5514968 (4803056)		3	16.3	<5
E5514969 (4803057)		4	62.0	5

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U766327

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 04, 2013

DATE RECEIVED: Oct 04, 2013

DATE REPORTED: Oct 15, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5514941 (4803029)		0.58	0.003
E5514942 (4803030)		0.63	0.003
E5514943 (4803031)		0.65	0.018
E5514944 (4803032)		0.52	0.002
E5514945 (4803033)		0.64	0.002
E5514946 (4803034)		0.54	0.002
E5514947 (4803035)		0.35	0.003
E5514948 (4803036)		0.67	0.016
E5514949 (4803037)		0.44	0.002
E5514950 (4803038)		0.53	0.036
E5514951 (4803039)		0.44	0.004
E5514952 (4803040)		0.68	0.003
E5514953 (4803041)		0.49	0.003
E5514954 (4803042)		0.54	0.003
E5514955 (4803043)		0.51	0.005
E5514956 (4803044)		0.79	0.003
E5514957 (4803045)		0.50	0.008
E5514958 (4803046)		0.61	0.006
E5514959 (4803047)		0.64	0.004
E5514960 (4803048)		0.52	0.016
E5514961 (4803049)		0.49	0.022
E5514962 (4803050)		0.65	0.044
E5514963 (4803051)		0.25	0.050
E5514964 (4803052)		0.45	0.010
E5514965 (4803053)		0.60	0.004
E5514966 (4803054)		0.52	0.004
E5514967 (4803055)		0.60	0.055
E5514968 (4803056)		0.72	0.003
E5514969 (4803057)		0.55	0.022

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2										
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD							
Ag	E5514941	< 0.2	< 0.2	0.0%	E5514960	0.2	0.2	0.0%							
Al	E5514941	2.00	2.04	2.0%	E5514960	0.645	0.610	5.6%							
As	E5514941	2	6		E5514960	2	< 1								
B	E5514941	8	9	11.8%	E5514960	< 5	< 5	0.0%							
Ba	E5514941	101	105	3.9%	E5514960	44	42	4.7%							
Be	E5514941	0.8	0.8	0.0%	E5514960	< 0.5	< 0.5	0.0%							
Bi	E5514941	< 1	< 1	0.0%	E5514960	< 1	< 1	0.0%							
Ca	E5514941	0.612	0.621	1.5%	E5514960	0.113	0.105	7.3%							
Cd	E5514941	< 0.5	< 0.5	0.0%	E5514960	< 0.5	< 0.5	0.0%							
Ce	E5514941	50	51	2.0%	E5514960	9	9	0.0%							
Co	E5514941	13.1	13.6	3.7%	E5514960	3.3	3.1	6.3%							
Cr	E5514941	54.4	55.8	2.5%	E5514960	14.3	13.9	2.8%							
Cu	E5514941	14.3	15.0	4.8%	E5514960	7.9	6.8	15.0%							
Fe	E5514941	2.57	2.64	2.7%	E5514960	1.35	1.31	3.0%							
Ga	E5514941	6	7	15.4%	E5514960	< 5	< 5	0.0%							
Hg	E5514941	< 1	< 1	0.0%	E5514960	< 1	< 1	0.0%							
In	E5514941	< 1	3		E5514960	< 1	< 1	0.0%							
K	E5514941	0.235	0.239	1.7%	E5514960	0.02	0.02	0.0%							
La	E5514941	23	23	0.0%	E5514960	4	4	0.0%							
Li	E5514941	29	30	3.4%	E5514960	3	3	0.0%							
Mg	E5514941	0.86	0.88	2.3%	E5514960	0.07	0.07	0.0%							
Mn	E5514941	680	692	1.7%	E5514960	1060	1020	3.8%							
Mo	E5514941	< 0.5	< 0.5	0.0%	E5514960	< 0.5	0.5								
Na	E5514941	0.025	0.025	0.0%	E5514960	< 0.01	< 0.01	0.0%							
Ni	E5514941	29.1	30.1	3.4%	E5514960	6.4	6.4	0.0%							
P	E5514941	547	543	0.7%	E5514960	217	217	0.0%							
Pb	E5514941	15.5	15.0	3.3%	E5514960	6.00	6.79	12.4%							
Rb	E5514941	52	53	1.9%	E5514960	< 10	< 10	0.0%							
S	E5514941	0.026	0.026	0.0%	E5514960	0.019	0.018	5.4%							
Sb	E5514941	< 1	< 1	0.0%	E5514960	< 1	< 1	0.0%							
Sc	E5514941	5.42	5.67	4.5%	E5514960	0.96	0.85	12.2%							



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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Se	E5514941	< 10	< 10	0.0%	E5514960	< 10	< 10	0.0%									
Sn	E5514941	9	9	0.0%	E5514960	< 5	< 5	0.0%									
Sr	E5514941	25.4	27.1	6.5%	E5514960	9.32	7.62	20.1%									
Ta	E5514941	< 10	< 10	0.0%	E5514960	< 10	< 10	0.0%									
Te	E5514941	< 10	< 10	0.0%	E5514960	< 10	< 10	0.0%									
Th	E5514941	< 5	< 5	0.0%	E5514960	< 5	< 5	0.0%									
Ti	E5514941	0.12	0.12	0.0%	E5514960	0.08	0.08	0.0%									
Tl	E5514941	< 5	< 5	0.0%	E5514960	< 5	< 5	0.0%									
U	E5514941	< 5	< 5	0.0%	E5514960	< 5	< 5	0.0%									
V	E5514941	52.5	53.5	1.9%	E5514960	39.7	38.2	3.9%									
W	E5514941	< 1	1		E5514960	< 1	< 1	0.0%									
Y	E5514941	9	9	0.0%	E5514960	1	1	0.0%									
Zn	E5514941	67.3	68.6	1.9%	E5514960	22.1	21.3	3.7%									
Zr	E5514941	< 5	< 5	0.0%	E5514960	< 5	< 5	0.0%									

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3								
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD					
Au	E5514941	0.003	0.003	0.0%	E5514959	0.004	0.015		E5514966	0.004	0.100						



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

**Aqua Regia Digest - Metals Package, ICP-OES finish (201073)**

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	184	166	90%	90% - 110%	184	165	90%	90% - 110%								
Cu	3494	3294	94%	90% - 110%	3494	3458	99%	90% - 110%								
Ni	2985	2691	90%	90% - 110%	2985	2736	91%	90% - 110%								

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	CRM #1 (GS7E)				CRM #2 (1P5F)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	7.4	7.7	104%	90% - 110%	1.40	1.41	100%	90% - 110%								



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U766327

PROJECT NO: Soil Sampling Project

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: Soil Sampling Project

AGAT WORK ORDER: 13U769316

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Oct 22, 2013

PAGES (INCLUDING COVER): 15

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U769316

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013		DATE REPORTED: Oct 22, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5512878 (4827578)	0.2	0.21	4	13	89	<0.5	<1	3.51	<0.5	3	1.4	4.5	5.4	0.29
E5512879 (4827579)	<0.2	1.51	4	16	178	0.6	<1	2.24	<0.5	27	6.5	35.3	15.8	1.34
E5512880 (4827580)	<0.2	1.23	3	5	36	0.6	<1	0.38	<0.5	35	8.1	36.3	5.7	1.53
E5512881 (4827581)	<0.2	1.23	1	6	37	0.6	<1	0.37	<0.5	35	8.1	36.0	6.7	1.53
E5512882 (4827582)	<0.2	1.10	2	5	35	0.5	<1	0.36	<0.5	34	7.6	33.6	5.3	1.41
E5512883 (4827583)	<0.2	1.98	3	15	78	1.1	<1	0.54	<0.5	54	10.6	53.5	14.7	2.22
E5512884 (4827584)	<0.2	1.04	3	7	98	<0.5	<1	1.74	<0.5	15	3.5	71.6	18.9	0.72
E5512885 (4827585)	<0.2	0.88	4	9	102	<0.5	<1	2.33	<0.5	14	4.4	25.3	14.1	0.89
E5512886 (4827586)	<0.2	1.51	7	10	105	0.6	<1	1.64	<0.5	36	7.8	61.3	19.4	1.44
E5512887 (4827587)	<0.2	1.83	6	10	122	0.7	<1	1.73	<0.5	41	7.8	72.0	22.2	1.67
E5512888 (4827588)	<0.2	2.73	7	15	166	1.1	<1	1.39	<0.5	54	12.9	104	20.7	2.23
E5512889 (4827589)	<0.2	1.41	11	10	127	0.7	<1	1.97	<0.5	38	6.9	53.4	23.1	1.22
E5512890 (4827590)	<0.2	0.48	5	9	81	<0.5	<1	2.88	<0.5	15	1.8	8.1	8.4	0.31
E5512891 (4827591)	<0.2	0.45	1	9	85	<0.5	<1	2.64	<0.5	8	2.7	9.4	10.8	0.32
E5512892 (4827592)	<0.2	0.06	3	44	283	<0.5	<1	4.09	<0.5	<1	0.6	1.3	3.0	0.43
E5512893 (4827593)	<0.2	0.07	2	22	124	<0.5	<1	3.00	<0.5	<1	0.6	1.8	3.5	0.11
E5512894 (4827594)	<0.2	0.16	3	15	83	<0.5	<1	2.46	<0.5	2	1.5	3.4	9.2	0.49
E5512895 (4827595)	<0.2	3.93	7	28	195	1.8	<1	1.05	<0.5	81	21.1	92.4	28.9	4.18
E5512896 (4827596)	<0.2	3.66	4	29	165	1.8	<1	0.83	<0.5	70	20.9	87.7	25.4	4.01
E5512897 (4827597)	<0.2	3.16	1	23	151	1.5	<1	0.87	<0.5	64	18.5	74.5	21.1	3.44
E5512898 (4827598)	<0.2	3.16	6	21	165	1.4	<1	1.05	<0.5	75	18.5	74.6	23.7	3.36
E5512899 (4827599)	<0.2	2.13	6	14	114	0.9	<1	0.96	<0.5	52	10.6	82.6	17.9	2.12
E5512900 (4827600)	<0.2	1.36	6	8	68	0.6	<1	0.59	<0.5	41	9.4	63.6	8.6	1.71
E5512901 (4827601)	<0.2	0.62	5	<5	34	<0.5	<1	0.41	<0.5	22	5.3	31.6	4.5	0.78
E5512902 (4827602)	<0.2	0.78	6	5	47	<0.5	<1	0.49	<0.5	28	6.3	39.4	6.5	1.06
E5512903 (4827603)	<0.2	2.41	7	14	155	0.9	<1	1.52	<0.5	46	10.8	88.6	19.8	1.94
E5512904 (4827604)	<0.2	1.45	9	8	115	0.6	<1	1.91	<0.5	41	7.8	52.4	18.9	1.31
E5512905 (4827605)	<0.2	0.30	2	10	60	<0.5	<1	1.86	<0.5	6	1.6	4.6	8.8	0.24
E5512906 (4827606)	<0.2	0.38	3	9	85	<0.5	<1	2.51	0.6	6	3.6	7.8	11.1	0.37
E5512907 (4827607)	<0.2	1.88	8	15	180	0.8	<1	1.98	<0.5	35	9.3	59.2	16.6	1.80
E5512908 (4827608)	<0.2	1.62	7	12	156	0.6	<1	2.11	<0.5	32	7.7	58.9	14.9	1.43
E5512909 (4827609)	<0.2	0.17	4	15	91	<0.5	<1	2.94	<0.5	3	1.7	13.2	5.4	0.46

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U769316  
PROJECT NO: Soil Sampling Project

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 22, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5512910 (4827610)	<0.2	2.94	4	22	147	1.2	<1	0.96	<0.5	73	12.6	68.5	16.9	2.90	
E5512911 (4827611)	<0.2	1.64	9	9	111	0.6	<1	1.59	<0.5	29	5.2	59.7	15.9	1.22	
E5512912 (4827612)	<0.2	1.52	9	10	94	0.6	<1	1.32	<0.5	30	5.0	60.2	15.7	1.07	
E5512913 (4827613)	<0.2	1.38	11	9	92	0.6	<1	1.33	<0.5	28	5.3	56.2	15.3	1.09	
E5512914 (4827614)	<0.2	1.76	8	9	94	0.8	<1	1.04	<0.5	44	8.8	66.9	15.1	1.79	
E5512915 (4827615)	<0.2	1.60	9	11	74	0.7	<1	0.64	<0.5	42	10.0	66.7	7.8	1.87	
E5512916 (4827616)	<0.2	1.45	7	12	105	0.7	<1	1.59	<0.5	40	8.5	61.4	17.7	1.48	
E5512917 (4827617)	<0.2	1.47	7	12	104	0.6	<1	1.66	<0.5	36	8.5	61.6	17.1	1.46	
E5512918 (4827618)	<0.2	2.02	6	13	129	0.9	<1	1.42	<0.5	44	8.7	77.6	18.7	1.64	
E5512919 (4827619)	<0.2	1.46	14	12	121	0.7	<1	2.00	<0.5	39	7.8	55.8	19.7	1.31	
E5512920 (4827620)	<0.2	0.36	2	8	74	<0.5	<1	2.65	<0.5	10	1.5	5.1	7.3	0.31	
E5512921 (4827621)	<0.2	0.32	<1	5	62	<0.5	<1	1.93	<0.5	6	3.3	7.2	10.0	0.27	
E5512922 (4827622)	<0.2	1.14	4	9	129	<0.5	<1	1.93	<0.5	28	6.8	40.1	13.4	1.19	
E5512923 (4827623)	<0.2	1.23	5	6	70	0.5	<1	0.56	<0.5	37	8.9	55.5	9.5	1.69	
E5512924 (4827624)	<0.2	0.16	4	15	97	<0.5	<1	3.46	<0.5	2	1.7	3.1	5.8	0.47	
E5512925 (4827625)	<0.2	1.21	2	9	61	0.5	<1	1.98	<0.5	39	8.5	46.1	10.6	1.58	
E5512926 (4827626)	<0.2	1.21	15	11	117	0.5	<1	2.24	<0.5	30	5.6	36.3	17.3	1.27	
E5512927 (4827627)	<0.2	1.35	9	6	96	0.6	<1	1.56	<0.5	32	4.6	52.2	17.8	1.05	
E5512928 (4827628)	<0.2	1.45	10	9	89	0.6	<1	1.47	<0.5	30	5.4	57.5	16.6	1.23	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U769316

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 22, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5512878 (4827578)	<5	<1	<1	0.02	2	2	0.32	326	4.8	<0.01	5.6	486	9.6	11
E5512879 (4827579)	6	<1	4	0.21	13	19	0.59	302	2.8	0.01	20.8	767	13.9	48
E5512880 (4827580)	6	<1	<1	0.13	14	16	0.53	341	2.5	0.02	18.4	462	9.3	37
E5512881 (4827581)	6	<1	<1	0.13	15	16	0.53	327	1.0	0.02	19.6	493	10.4	36
E5512882 (4827582)	5	<1	<1	0.13	14	14	0.49	335	0.6	0.02	17.4	450	9.4	33
E5512883 (4827583)	8	<1	4	0.28	23	24	0.75	430	0.9	0.02	28.2	569	14.5	59
E5512884 (4827584)	<5	<1	2	0.08	10	6	0.30	286	2.5	0.01	18.0	727	17.5	18
E5512885 (4827585)	<5	<1	2	0.08	8	6	0.34	210	2.7	0.01	13.7	871	15.6	18
E5512886 (4827586)	5	<1	3	0.17	18	18	0.65	310	2.5	0.02	25.4	668	13.3	39
E5512887 (4827587)	7	<1	3	0.19	22	19	0.67	340	2.5	0.02	27.7	837	17.0	44
E5512888 (4827588)	10	<1	<1	0.30	27	33	0.92	314	1.4	0.03	41.6	746	21.4	61
E5512889 (4827589)	5	<1	2	0.15	20	13	0.49	248	3.1	0.02	24.4	746	16.4	34
E5512890 (4827590)	<5	<1	<1	0.03	10	2	0.29	214	3.3	<0.01	9.7	785	9.2	<10
E5512891 (4827591)	<5	<1	<1	0.03	5	2	0.27	173	3.8	<0.01	9.5	795	8.7	<10
E5512892 (4827592)	<5	<1	4	0.01	<1	<1	0.35	769	9.5	0.01	1.7	759	8.7	<10
E5512893 (4827593)	<5	<1	2	0.01	<1	<1	0.36	113	6.4	<0.01	2.6	349	6.5	<10
E5512894 (4827594)	<5	<1	2	0.03	1	1	0.30	255	4.4	<0.01	5.2	667	19.3	<10
E5512895 (4827595)	16	<1	1	0.66	40	55	1.53	685	<0.5	0.04	49.7	585	29.0	156
E5512896 (4827596)	16	<1	5	0.61	32	50	1.44	799	<0.5	0.03	47.4	565	30.9	152
E5512897 (4827597)	14	<1	1	0.53	31	44	1.22	650	<0.5	0.03	39.8	562	24.9	133
E5512898 (4827598)	12	<1	<1	0.51	36	44	1.22	573	0.6	0.03	39.7	589	23.2	131
E5512899 (4827599)	9	<1	2	0.24	26	25	0.84	281	1.3	0.03	36.2	687	17.3	45
E5512900 (4827600)	6	<1	5	0.13	20	17	0.63	480	0.7	0.02	28.7	596	10.1	26
E5512901 (4827601)	<5	<1	<1	0.06	10	8	0.32	275	0.9	0.01	16.0	443	6.5	12
E5512902 (4827602)	<5	<1	<1	0.07	13	10	0.37	518	0.7	0.01	18.5	517	8.1	14
E5512903 (4827603)	9	<1	<1	0.26	24	27	0.78	312	1.5	0.02	36.6	735	19.8	52
E5512904 (4827604)	<5	2	<1	0.15	21	14	0.53	225	2.5	0.02	24.2	658	12.7	32
E5512905 (4827605)	<5	1	<1	0.02	4	1	0.21	145	3.5	<0.01	8.2	570	10.5	<10
E5512906 (4827606)	<5	<1	2	0.02	4	1	0.28	208	3.2	<0.01	11.2	870	15.6	<10
E5512907 (4827607)	8	<1	5	0.23	19	23	0.81	316	2.7	0.03	28.4	636	15.4	55
E5512908 (4827608)	7	<1	<1	0.18	17	18	0.68	342	2.4	0.02	25.1	747	18.0	49
E5512909 (4827609)	<5	<1	<1	0.02	2	1	0.33	390	5.2	<0.01	4.9	418	9.3	<10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U769316  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013						DATE REPORTED: Oct 22, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5512910 (4827610)	12	<1	<1	0.42	43	47	1.02	373	1.0	0.03	37.5	610	18.0	84	
E5512911 (4827611)	6	<1	3	0.16	18	15	0.48	190	3.0	0.02	22.3	797	13.5	27	
E5512912 (4827612)	7	<1	<1	0.15	18	14	0.44	158	2.6	0.02	21.4	700	11.9	26	
E5512913 (4827613)	6	<1	3	0.13	16	13	0.44	210	2.1	0.02	20.7	689	12.5	23	
E5512914 (4827614)	8	<1	3	0.17	23	20	0.67	258	1.3	0.02	31.8	750	11.8	33	
E5512915 (4827615)	6	<1	2	0.15	21	19	0.66	541	1.1	0.02	28.5	622	10.2	29	
E5512916 (4827616)	7	<1	1	0.17	21	17	0.64	310	2.9	0.02	28.3	644	12.9	40	
E5512917 (4827617)	5	<1	2	0.17	18	17	0.64	298	2.5	0.02	26.9	679	13.8	37	
E5512918 (4827618)	8	1	<1	0.21	23	21	0.66	331	1.5	0.02	30.9	695	18.2	41	
E5512919 (4827619)	6	<1	4	0.16	20	14	0.52	245	3.1	0.02	26.6	849	16.5	37	
E5512920 (4827620)	<5	1	3	0.02	7	<1	0.28	251	2.8	<0.01	8.6	708	12.4	<10	
E5512921 (4827621)	<5	<1	2	0.01	3	<1	0.20	219	2.9	<0.01	8.9	745	9.3	<10	
E5512922 (4827622)	<5	<1	3	0.12	14	14	0.58	265	2.7	0.02	20.1	597	10.8	28	
E5512923 (4827623)	5	<1	2	0.11	18	16	0.57	570	0.9	0.02	26.0	738	9.9	21	
E5512924 (4827624)	<5	<1	<1	0.02	2	<1	0.35	464	5.3	<0.01	4.4	482	9.2	<10	
E5512925 (4827625)	5	2	4	0.15	20	16	1.21	331	1.7	0.03	24.0	710	10.9	33	
E5512926 (4827626)	<5	2	1	0.11	18	11	0.45	304	3.1	0.01	19.3	806	11.0	31	
E5512927 (4827627)	5	<1	2	0.09	20	11	0.42	176	2.4	0.01	21.2	726	13.6	18	
E5512928 (4827628)	6	<1	3	0.12	18	13	0.50	240	2.4	0.02	22.1	791	12.9	21	

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 22, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5512878 (4827578)	0.307	2	0.9	<10	16	132	<10	<10	<5	<0.01	<5	<5	8.5	<1	
E5512879 (4827579)	0.245	2	4.2	<10	15	97.8	<10	<10	<5	0.05	<5	<5	39.6	<1	
E5512880 (4827580)	0.007	<1	3.9	<10	9	25.3	<10	<10	5	0.13	<5	<5	40.6	<1	
E5512881 (4827581)	0.008	<1	4.3	<10	9	23.2	<10	<10	6	0.13	<5	<5	41.5	<1	
E5512882 (4827582)	0.006	<1	3.9	<10	9	23.8	<10	<10	5	0.12	<5	<5	37.0	<1	
E5512883 (4827583)	0.011	<1	7.3	<10	11	31.0	<10	<10	9	0.16	<5	<5	55.8	<1	
E5512884 (4827584)	0.248	<1	2.6	<10	10	61.1	<10	<10	<5	0.02	<5	<5	21.5	<1	
E5512885 (4827585)	0.282	<1	2.6	<10	13	87.8	<10	<10	<5	0.03	<5	<5	20.5	<1	
E5512886 (4827586)	0.275	2	4.6	<10	11	60.3	<10	<10	<5	0.06	<5	<5	61.6	<1	
E5512887 (4827587)	0.362	2	5.2	<10	11	60.1	<10	<10	<5	0.05	<5	<5	56.9	<1	
E5512888 (4827588)	0.210	1	7.5	<10	13	59.4	<10	<10	6	0.10	<5	<5	74.4	<1	
E5512889 (4827589)	0.406	<1	3.9	<10	11	77.1	<10	<10	<5	0.04	<5	<5	58.4	<1	
E5512890 (4827590)	0.437	<1	1.0	<10	14	162	<10	<10	<5	0.01	<5	<5	9.7	<1	
E5512891 (4827591)	0.275	<1	1.4	<10	12	124	<10	<10	<5	0.01	<5	<5	10.8	<1	
E5512892 (4827592)	1.04	2	<0.5	<10	19	945	<10	<10	<5	<0.01	<5	<5	5.5	<1	
E5512893 (4827593)	0.330	<1	<0.5	<10	15	590	<10	<10	<5	<0.01	<5	<5	5.0	<1	
E5512894 (4827594)	0.468	1	0.5	<10	12	156	<10	<10	<5	<0.01	<5	<5	7.6	<1	
E5512895 (4827595)	0.026	<1	11.6	<10	17	48.6	<10	<10	11	0.20	<5	<5	91.1	<1	
E5512896 (4827596)	0.025	<1	10.2	<10	15	40.7	<10	<10	9	0.19	<5	<5	91.1	<1	
E5512897 (4827597)	0.027	<1	8.6	<10	13	42.8	<10	<10	8	0.18	<5	<5	81.0	<1	
E5512898 (4827598)	0.030	1	8.7	<10	14	44.8	<10	<10	9	0.17	<5	<5	77.8	<1	
E5512899 (4827599)	0.118	<1	7.2	<10	12	37.0	<10	<10	6	0.13	<5	<5	69.6	<1	
E5512900 (4827600)	0.018	1	4.1	<10	9	26.0	<10	<10	6	0.10	<5	<5	46.7	<1	
E5512901 (4827601)	0.050	<1	2.1	<10	5	15.4	<10	<10	<5	0.06	<5	<5	24.1	<1	
E5512902 (4827602)	0.040	<1	2.2	<10	6	18.4	<10	<10	<5	0.06	<5	<5	29.5	<1	
E5512903 (4827603)	0.242	1	6.6	<10	12	62.4	<10	<10	<5	0.08	<5	<5	61.2	<1	
E5512904 (4827604)	0.316	2	3.7	<10	11	74.1	<10	<10	<5	0.04	<5	<5	60.2	<1	
E5512905 (4827605)	0.347	<1	0.7	<10	10	104	<10	<10	<5	<0.01	<5	<5	7.9	<1	
E5512906 (4827606)	0.337	<1	1.1	<10	12	128	<10	<10	<5	<0.01	<5	<5	10.6	<1	
E5512907 (4827607)	0.298	2	6.3	<10	13	173	<10	<10	6	0.08	<5	<5	56.0	<1	
E5512908 (4827608)	0.308	<1	5.2	<10	13	129	<10	<10	<5	0.06	<5	<5	49.7	<1	
E5512909 (4827609)	0.334	<1	0.7	<10	14	176	<10	<10	<5	<0.01	<5	<5	7.6	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U769316  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 22, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5512910 (4827610)	0.053	<1	8.1	<10	11	85.4	<10	<10	7	0.13	<5	<5	66.1	<1	
E5512911 (4827611)	0.354	1	4.3	<10	10	59.9	<10	<10	<5	0.06	<5	<5	42.7	<1	
E5512912 (4827612)	0.307	3	4.1	<10	9	51.3	<10	<10	<5	0.05	<5	<5	46.1	<1	
E5512913 (4827613)	0.310	2	3.9	<10	9	52.2	<10	<10	<5	0.05	<5	<5	40.6	<1	
E5512914 (4827614)	0.139	<1	5.4	<10	10	35.0	<10	<10	6	0.09	<5	<5	54.3	<1	
E5512915 (4827615)	0.026	<1	4.1	<10	8	28.0	<10	<10	<5	0.10	<5	<5	52.8	<1	
E5512916 (4827616)	0.266	1	5.3	<10	11	53.8	<10	<10	<5	0.06	<5	<5	56.5	<1	
E5512917 (4827617)	0.257	<1	4.8	<10	12	58.0	<10	<10	<5	0.07	<5	<5	55.9	<1	
E5512918 (4827618)	0.239	<1	5.5	<10	11	59.5	<10	<10	<5	0.08	<5	<5	55.6	<1	
E5512919 (4827619)	0.378	<1	4.1	<10	13	78.7	<10	<10	<5	0.05	<5	<5	57.7	<1	
E5512920 (4827620)	0.382	<1	0.6	<10	13	154	<10	<10	<5	<0.01	<5	<5	8.7	<1	
E5512921 (4827621)	0.265	<1	0.7	<10	9	87.4	<10	<10	<5	<0.01	<5	<5	7.9	<1	
E5512922 (4827622)	0.243	2	3.6	<10	13	190	<10	<10	<5	0.05	<5	<5	41.4	<1	
E5512923 (4827623)	0.030	<1	3.8	<10	7	21.9	<10	<10	5	0.08	<5	<5	41.0	<1	
E5512924 (4827624)	0.378	<1	0.6	<10	17	201	<10	<10	<5	<0.01	<5	<5	7.4	<1	
E5512925 (4827625)	0.034	<1	5.2	<10	15	47.4	<10	<10	7	0.10	<5	<5	44.0	<1	
E5512926 (4827626)	0.305	3	2.8	<10	12	86.1	<10	<10	<5	0.04	<5	<5	48.5	<1	
E5512927 (4827627)	0.317	<1	3.2	<10	9	55.7	<10	<10	<5	0.04	<5	<5	39.7	<1	
E5512928 (4827628)	0.296	<1	3.9	<10	11	57.8	<10	<10	<5	0.06	<5	<5	40.1	<1	

Certified By:





## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 22, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5512878 (4827578)		<1	9.3	<5
E5512879 (4827579)		6	38.3	7
E5512880 (4827580)		6	32.3	<5
E5512881 (4827581)		6	32.0	<5
E5512882 (4827582)		6	28.9	<5
E5512883 (4827583)		11	41.5	9
E5512884 (4827584)		5	16.2	<5
E5512885 (4827585)		4	27.0	<5
E5512886 (4827586)		7	54.5	7
E5512887 (4827587)		9	47.0	7
E5512888 (4827588)		11	62.0	8
E5512889 (4827589)		9	40.3	6
E5512890 (4827590)		4	11.0	<5
E5512891 (4827591)		3	16.4	<5
E5512892 (4827592)		<1	18.6	<5
E5512893 (4827593)		<1	5.9	<5
E5512894 (4827594)		<1	32.2	<5
E5512895 (4827595)		16	110	14
E5512896 (4827596)		13	102	10
E5512897 (4827597)		12	97.3	7
E5512898 (4827598)		14	94.6	7
E5512899 (4827599)		11	55.8	7
E5512900 (4827600)		9	33.7	<5
E5512901 (4827601)		5	21.6	<5
E5512902 (4827602)		6	25.7	<5
E5512903 (4827603)		10	52.7	9
E5512904 (4827604)		9	42.7	6
E5512905 (4827605)		2	14.8	<5
E5512906 (4827606)		2	23.8	<5
E5512907 (4827607)		8	63.8	11
E5512908 (4827608)		7	55.2	8
E5512909 (4827609)		<1	21.8	<5

Certified By:



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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013	DATE REPORTED: Oct 22, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5512910 (4827610)	16	70.9	7	
E5512911 (4827611)	8	23.5	6	
E5512912 (4827612)	7	21.1	5	
E5512913 (4827613)	7	21.6	<5	
E5512914 (4827614)	10	44.5	<5	
E5512915 (4827615)	9	34.7	<5	
E5512916 (4827616)	9	49.8	9	
E5512917 (4827617)	8	51.4	7	
E5512918 (4827618)	10	44.9	6	
E5512919 (4827619)	9	42.8	5	
E5512920 (4827620)	3	13.8	<5	
E5512921 (4827621)	2	13.2	<5	
E5512922 (4827622)	6	44.6	6	
E5512923 (4827623)	7	36.9	<5	
E5512924 (4827624)	<1	23.6	<5	
E5512925 (4827625)	9	28.4	8	
E5512926 (4827626)	7	37.3	<5	
E5512927 (4827627)	8	19.4	5	
E5512928 (4827628)	7	22.7	<5	

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 22, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5512878 (4827578)		0.39	0.004
E5512879 (4827579)		0.50	0.026
E5512880 (4827580)		0.51	0.002
E5512881 (4827581)		0.47	0.003
E5512882 (4827582)		0.43	0.002
E5512883 (4827583)		0.61	0.003
E5512884 (4827584)		0.38	0.006
E5512885 (4827585)		0.41	0.004
E5512886 (4827586)		0.36	0.003
E5512887 (4827587)		0.33	0.002
E5512888 (4827588)		0.42	0.003
E5512889 (4827589)		0.34	0.020
E5512890 (4827590)		0.34	0.002
E5512891 (4827591)		0.39	0.003
E5512892 (4827592)		0.34	0.001
E5512893 (4827593)		0.42	0.005
E5512894 (4827594)		0.39	0.004
E5512895 (4827595)		0.63	0.001
E5512896 (4827596)		0.59	0.001
E5512897 (4827597)		0.66	0.002
E5512898 (4827598)		0.50	0.004
E5512899 (4827599)		0.43	0.004
E5512900 (4827600)		0.64	0.002
E5512901 (4827601)		0.54	0.001
E5512902 (4827602)		0.40	<0.001
E5512903 (4827603)		0.38	0.022
E5512904 (4827604)		0.36	0.002
E5512905 (4827605)		0.35	0.011
E5512906 (4827606)		0.37	0.003
E5512907 (4827607)		0.47	0.002
E5512908 (4827608)		0.52	0.006

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U769316

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 22, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5512909 (4827609)		0.35	0.004
E5512910 (4827610)		0.60	0.002
E5512911 (4827611)		0.39	0.002
E5512912 (4827612)		0.40	0.011
E5512913 (4827613)		0.43	0.002
E5512914 (4827614)		0.45	0.003
E5512915 (4827615)		0.52	0.003
E5512916 (4827616)		0.48	0.004
E5512917 (4827617)		0.32	0.023
E5512918 (4827618)		0.40	<0.001
E5512919 (4827619)		0.43	0.003
E5512920 (4827620)		0.40	0.004
E5512921 (4827621)		0.47	0.004
E5512922 (4827622)		0.36	0.019
E5512923 (4827623)		0.52	0.005
E5512924 (4827624)		0.41	0.003
E5512925 (4827625)		0.70	0.004
E5512926 (4827626)		0.41	0.004
E5512927 (4827627)		0.50	0.014
E5512928 (4827628)		0.46	0.012

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	E5512879	< 0.2	< 0.2	0.0%	E5512898	< 0.2	< 0.2	0.0%	E5512919	< 0.2	< 0.2	0.0%				
Al	E5512879	1.51	1.54	2.0%	E5512898	3.16	3.40	7.3%	E5512919	1.46	1.26	14.7%				
As	E5512879	4	5	22.2%	E5512898	6	4		E5512919	14	12	15.4%				
B	E5512879	16	15	6.5%	E5512898	21	24	13.3%	E5512919	12	10	18.2%				
Ba	E5512879	178	179	0.6%	E5512898	165	177	7.0%	E5512919	121	106	13.2%				
Be	E5512879	0.6	0.6	0.0%	E5512898	1.43	1.60	11.2%	E5512919	0.7	0.6	15.4%				
Bi	E5512879	< 1	< 1	0.0%	E5512898	< 1	< 1	0.0%	E5512919	< 1	< 1	0.0%				
Ca	E5512879	2.24	2.25	0.4%	E5512898	1.05	1.11	5.6%	E5512919	2.00	1.79	11.1%				
Cd	E5512879	< 0.5	< 0.5	0.0%	E5512898	< 0.5	< 0.5	0.0%	E5512919	< 0.5	< 0.5	0.0%				
Ce	E5512879	27	26	3.8%	E5512898	75	82	8.9%	E5512919	39	34	13.7%				
Co	E5512879	6.5	6.5	0.0%	E5512898	18.5	19.8	6.8%	E5512919	7.83	7.25	7.7%				
Cr	E5512879	35.3	34.0	3.8%	E5512898	74.6	82.6	10.2%	E5512919	55.8	51.9	7.2%				
Cu	E5512879	15.8	15.8	0.0%	E5512898	23.7	25.3	6.5%	E5512919	19.7	18.1	8.5%				
Fe	E5512879	1.34	1.38	2.9%	E5512898	3.36	3.58	6.3%	E5512919	1.31	1.23	6.3%				
Ga	E5512879	6	6	0.0%	E5512898	12	14	15.4%	E5512919	6	5	18.2%				
Hg	E5512928	< 1	< 1	0.0%	E5512898	< 1	< 1	0.0%	E5512919	< 1	< 1	0.0%				
In	E5512928	3	1		E5512898	< 1	3		E5512919	4	< 1					
K	E5512879	0.213	0.216	1.4%	E5512898	0.51	0.55	7.5%	E5512919	0.156	0.139	11.5%				
La	E5512879	13	13	0.0%	E5512898	36	39	8.0%	E5512919	20	18	10.5%				
Li	E5512879	19	20	5.1%	E5512898	44	47	6.6%	E5512919	14	12	15.4%				
Mg	E5512879	0.59	0.60	1.7%	E5512898	1.22	1.31	7.1%	E5512919	0.52	0.46	12.2%				
Mn	E5512879	302	293	3.0%	E5512898	573	622	8.2%	E5512919	245	215	13.0%				
Mo	E5512879	2.83	2.90	2.4%	E5512898	0.56	0.45	21.8%	E5512919	3.1	3.1	0.0%				
Na	E5512879	0.015	0.015	0.0%	E5512898	0.033	0.036	8.7%	E5512919	0.02	0.02	0.0%				
Ni	E5512879	20.8	20.5	1.5%	E5512898	39.7	42.9	7.7%	E5512919	26.6	23.0	14.5%				
P	E5512879	767	746	2.8%	E5512898	589	596	1.2%	E5512919	849	733	14.7%				
Pb	E5512879	13.9	13.7	1.4%	E5512898	23.2	26.3	12.5%	E5512919	16.5	14.9	10.2%				
Rb	E5512879	48	47	2.1%	E5512898	131	147	11.5%	E5512919	37	33	11.4%				
S	E5512879	0.245	0.248	1.2%	E5512898	0.030	0.031	3.3%	E5512919	0.378	0.348	8.3%				
Sb	E5512928	< 1	< 1	0.0%	E5512898	1	< 1		E5512919	< 1	1					
Sc	E5512879	4.17	4.26	2.1%	E5512898	8.7	9.4	7.7%	E5512919	4.07	3.43	17.1%				



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	E5512879	< 10	< 10	0.0%	E5512898	< 10	< 10	0.0%	E5512919	< 10	< 10	0.0%				
Sn	E5512879	15	14	6.9%	E5512898	14	14	0.0%	E5512919	13	12	8.0%				
Sr	E5512879	97.8	99.4	1.6%	E5512898	44.8	47.9	6.7%	E5512919	78.7	70.5	11.0%				
Ta	E5512879	< 10	< 10	0.0%	E5512898	< 10	< 10	0.0%	E5512919	< 10	< 10	0.0%				
Te	E5512879	< 10	< 10	0.0%	E5512898	< 10	< 10	0.0%	E5512919	< 10	< 10	0.0%				
Th	E5512879	< 5	< 5	0.0%	E5512898	9	10	10.5%	E5512919	< 5	< 5	0.0%				
Ti	E5512879	0.05	0.05	0.0%	E5512898	0.17	0.17	0.0%	E5512919	0.05	0.04	22.2%				
Tl	E5512879	< 5	< 5	0.0%	E5512898	< 5	< 5	0.0%	E5512919	< 5	< 5	0.0%				
U	E5512879	< 5	< 5	0.0%	E5512898	< 5	< 5	0.0%	E5512919	< 5	< 5	0.0%				
V	E5512879	39.6	38.4	3.1%	E5512898	77.8	82.2	5.5%	E5512919	57.7	50.6	13.1%				
W	E5512879	< 1	< 1	0.0%	E5512898	< 1	< 1	0.0%	E5512919	< 1	< 1	0.0%				
Y	E5512879	6	6	0.0%	E5512898	14	15	6.9%	E5512919	9	8	11.8%				
Zn	E5512879	38.3	39.2	2.3%	E5512898	94.6	102	7.5%	E5512919	42.8	37.2	14.0%				
Zr	E5512879	7	7	0.0%	E5512898	7	7	0.0%	E5512919	5	5	0.0%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5512878	0.0039	0.0034	13.7%	E5512904	0.002	0.003		E5512919	0.003	< 0.001		E5512927	0.014	0.006	
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	E5512928	0.012	0.027													



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

**Aqua Regia Digest - Metals Package, ICP-OES finish (201073)**

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Co	184	178	97%	90% - 110%	184	174	95%	90% - 110%	184	170	93%	90% - 110%				
Cu	3494	3371	96%	90% - 110%	3494	3260	93%	90% - 110%	3494	3198	92%	90% - 110%				
Ni	2985	2710	91%	90% - 110%	2985	2699	90%	90% - 110%	2985	2723	91%	90% - 110%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	CRM #1 (CM14)				CRM #2 (1P5F)				CRM #3 (GS7E)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.792	0.743	94%	90% - 110%	1.40	1.29	92%	90% - 110%	7.4	7.5	101%	90% - 110%				

## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U769316

PROJECT NO: Soil Sampling Project

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES





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

ATTENTION TO: Craig Todd

PROJECT NO: Soil Sampling Project

AGAT WORK ORDER: 13U769326

DATE REPORTED: Oct 21, 2013

PAGES (INCLUDING COVER): 42

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U769326  
PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5514970 (4827660)	<0.2	1.76	4	12	96	0.9	<1	0.83	<0.5	56	14.4	53.9	15.0	2.26	
E5514971 (4827661)	<0.2	1.60	<1	11	88	0.8	<1	0.63	<0.5	55	13.9	47.5	12.4	1.97	
E5514972 (4827662)	<0.2	1.72	3	13	98	0.9	<1	0.73	<0.5	60	16.3	51.5	12.3	2.12	
E5514973 (4827663)	<0.2	1.80	3	11	103	0.9	<1	0.71	<0.5	61	16.2	51.2	13.5	2.31	
E5514974 (4827664)	<0.2	1.33	5	7	70	0.6	<1	0.70	<0.5	48	9.5	40.0	13.3	1.94	
E5514975 (4827665)	<0.2	1.31	2	7	62	0.7	<1	0.56	<0.5	49	10.7	40.8	9.6	1.93	
E5514976 (4827666)	<0.2	1.37	2	8	67	0.8	<1	0.56	<0.5	51	11.0	49.8	11.0	1.99	
E5514977 (4827667)	<0.2	1.27	2	6	60	0.6	<1	0.51	<0.5	47	10.2	40.5	8.8	1.87	
E5514978 (4827668)	<0.2	1.23	<1	7	64	0.7	<1	0.59	<0.5	52	8.1	38.6	11.3	1.48	
E5514979 (4827669)	<0.2	1.16	<1	6	61	0.6	<1	0.63	<0.5	47	7.2	34.6	9.3	1.17	
E5514980 (4827670)	<0.2	1.14	1	6	63	0.5	<1	0.72	<0.5	46	6.7	33.5	9.7	1.16	
E5514981 (4827671)	<0.2	1.19	6	11	59	0.5	<1	3.08	<0.5	52	8.3	36.4	15.0	1.71	
E5514982 (4827672)	<0.2	1.81	4	12	92	0.9	<1	0.81	<0.5	57	11.6	50.8	19.0	2.35	
E5514983 (4827673)	<0.2	1.15	<1	5	53	0.6	<1	0.34	<0.5	38	7.1	34.5	8.5	1.45	
E5514984 (4827674)	<0.2	1.53	4	7	81	0.8	<1	0.60	<0.5	58	10.0	41.6	12.0	2.03	
E5514985 (4827675)	<0.2	0.81	<1	<5	37	<0.5	<1	0.30	<0.5	21	5.4	27.7	13.1	0.91	
E5514986 (4827676)	<0.2	0.93	1	5	53	<0.5	<1	0.81	<0.5	33	4.9	26.8	6.6	0.83	
E5514987 (4827677)	<0.2	1.01	2	<5	57	<0.5	<1	0.74	<0.5	35	4.8	29.0	6.2	0.82	
E5514988 (4827678)	<0.2	1.30	5	9	65	0.7	<1	1.40	<0.5	52	9.3	40.1	14.1	1.89	
E5514989 (4827679)	<0.2	1.27	3	8	57	0.7	<1	0.97	<0.5	50	10.1	41.3	12.6	1.79	
E5514990 (4827680)	<0.2	2.18	4	13	113	1.1	<1	0.80	<0.5	56	14.7	56.9	19.0	2.95	
E5514991 (4827681)	<0.2	2.64	9	18	144	1.3	<1	1.27	<0.5	67	17.4	69.1	26.2	3.35	
E5514992 (4827682)	<0.2	1.02	<1	5	50	<0.5	<1	0.69	<0.5	34	5.3	30.2	9.0	0.97	
E5514993 (4827683)	<0.2	1.56	2	9	67	0.8	<1	0.47	<0.5	48	11.6	46.2	12.3	2.02	
E5514994 (4827684)	<0.2	2.25	3	11	124	1.0	<1	0.76	<0.5	67	12.2	51.2	13.8	2.35	
E5514995 (4827685)	<0.2	1.30	<1	6	66	0.7	<1	0.46	<0.5	49	8.9	37.2	8.9	1.67	
E5514996 (4827686)	<0.2	1.28	4	9	60	0.7	<1	1.51	<0.5	51	8.7	39.9	14.8	1.78	
E5514997 (4827687)	<0.2	1.26	<1	6	65	0.6	<1	0.59	<0.5	49	8.1	37.1	10.5	1.70	
E5514998 (4827688)	<0.2	1.05	1	5	36	<0.5	<1	0.52	<0.5	28	7.2	30.2	7.2	1.40	
E5514999 (4827689)	<0.2	1.99	1	10	83	0.9	<1	0.34	<0.5	43	13.5	51.6	14.6	2.36	
E5515000 (4827690)	<0.2	1.24	1	7	58	0.7	<1	0.50	<0.5	43	8.2	37.4	9.6	1.62	
E5515001 (4827691)	<0.2	1.22	4	9	61	0.7	<1	1.43	<0.5	50	8.3	39.2	14.8	1.74	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5515002 (4827692)	<0.2	1.26	2	7	56	0.7	<1	0.38	<0.5	46	8.0	35.6	10.0	1.60	
E5515003 (4827693)	<0.2	0.98	<1	<5	33	<0.5	<1	0.23	<0.5	23	7.0	30.8	5.0	1.34	
E5515004 (4827694)	<0.2	3.96	3	15	127	1.4	<1	0.35	<0.5	37	16.8	87.9	23.5	4.26	
E5515005 (4827695)	<0.2	2.75	3	15	161	1.4	<1	0.59	<0.5	65	16.0	69.6	23.9	3.20	
E5515006 (4827696)	<0.2	1.42	<1	9	69	0.8	<1	0.47	<0.5	51	12.0	43.9	12.1	1.94	
E5515007 (4827697)	<0.2	1.76	<1	7	63	0.7	<1	0.32	<0.5	34	11.4	48.2	10.1	2.22	
E5515008 (4827698)	<0.2	2.12	<1	8	89	0.9	<1	0.42	<0.5	31	12.9	59.0	12.5	2.40	
E5515009 (4827699)	<0.2	2.14	2	9	93	0.8	<1	0.35	<0.5	38	14.3	59.4	15.2	2.62	
E5515010 (4827700)	<0.2	2.25	<1	11	121	1.0	<1	0.70	<0.5	52	12.5	66.3	12.3	2.41	
E5515011 (4827701)	<0.2	1.37	2	9	71	0.7	<1	1.21	<0.5	51	9.3	42.4	12.2	1.84	
E5515012 (4827702)	<0.2	1.30	4	8	69	0.7	<1	1.16	<0.5	49	8.7	41.1	12.1	1.78	
E5515013 (4827703)	<0.2	1.56	3	7	56	0.7	<1	0.31	<0.5	40	10.2	43.0	13.1	1.94	
E5515014 (4827704)	<0.2	0.86	<1	<5	31	<0.5	<1	0.31	<0.5	26	5.9	31.5	5.9	1.09	
E5515015 (4827705)	<0.2	0.94	2	<5	32	<0.5	<1	0.26	<0.5	27	6.2	31.0	11.5	1.19	
E5515016 (4827706)	<0.2	3.08	<1	10	179	1.1	<1	1.05	<0.5	49	12.8	76.2	25.3	3.01	
E5515017 (4827707)	<0.2	1.99	4	11	106	0.9	<1	0.75	<0.5	46	12.3	56.7	16.0	2.44	
E5515018 (4827708)	<0.2	1.33	3	8	68	0.8	<1	0.60	<0.5	53	10.4	42.2	12.4	1.90	
E5515019 (4827709)	<0.2	0.57	2	<5	61	<0.5	<1	0.03	0.8	22	1.2	15.7	12.9	0.77	
E5515020 (4827710)	<0.2	1.61	3	10	88	0.8	<1	0.71	<0.5	52	10.8	48.2	14.9	1.85	
E5515021 (4827711)	<0.2	2.12	<1	7	77	0.8	<1	0.36	<0.5	27	12.2	62.9	10.0	2.24	
E5515022 (4827712)	<0.2	2.16	<1	7	90	0.7	<1	0.33	<0.5	29	12.2	57.4	11.1	2.26	
E5515023 (4827713)	<0.2	1.22	<1	<5	68	0.5	<1	0.37	<0.5	33	7.9	41.9	10.7	1.51	
E5515024 (4827714)	<0.2	1.28	3	8	65	0.6	<1	1.44	<0.5	54	9.4	39.0	14.9	1.81	
E5515025 (4827715)	<0.2	1.23	1	5	64	0.6	<1	0.65	<0.5	36	8.4	40.8	10.8	1.46	
E5515026 (4827716)	<0.2	1.25	<1	5	70	0.6	<1	0.66	<0.5	37	9.1	42.1	12.3	1.62	
E5515027 (4827717)	<0.2	0.46	<1	<5	17	<0.5	<1	0.17	<0.5	16	3.0	16.1	1.5	0.76	
E5515028 (4827718)	<0.2	1.13	<1	<5	15	<0.5	<1	0.07	<0.5	10	2.7	31.9	3.3	2.13	
E5515029 (4827719)	<0.2	2.31	2	<5	13	0.6	<1	0.15	<0.5	19	5.5	87.0	9.3	1.30	
E5515030 (4827720)	<0.2	0.21	<1	<5	13	<0.5	<1	0.01	<0.5	12	<0.5	3.8	0.8	0.05	
E5515031 (4827721)	<0.2	0.28	<1	<5	24	<0.5	<1	0.08	<0.5	10	1.1	11.5	6.1	0.29	
E5515032 (4827722)	<0.2	1.36	1	<5	77	0.5	<1	0.39	<0.5	32	7.6	44.8	9.9	1.50	
E5515033 (4827723)	<0.2	2.06	1	6	96	0.7	<1	0.38	<0.5	37	12.4	62.3	14.1	2.14	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326  
PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5515034 (4827724)	<0.2	1.99	<1	5	68	0.7	<1	0.35	<0.5	26	11.7	67.0	9.5	2.13	
E5515035 (4827725)	<0.2	1.26	<1	<5	52	<0.5	<1	0.36	<0.5	24	8.5	40.1	6.8	1.57	
E5515036 (4827726)	<0.2	0.71	<1	<5	22	<0.5	<1	0.23	<0.5	23	5.2	23.3	4.0	0.97	
E5515037 (4827727)	<0.2	1.70	3	7	93	0.8	<1	0.49	<0.5	40	9.8	54.0	14.5	1.91	
E5515038 (4827728)	<0.2	1.71	<1	7	95	0.7	<1	0.67	<0.5	50	9.0	48.2	10.6	1.81	
E5515039 (4827729)	<0.2	0.18	<1	<5	10	<0.5	<1	0.04	<0.5	6	0.7	3.2	1.4	0.09	
E5515040 (4827730)	<0.2	0.16	3	<5	100	<0.5	<1	0.47	0.8	5	1.3	8.9	15.5	0.32	
E5515041 (4827731)	<0.2	1.07	<1	<5	20	<0.5	<1	0.15	<0.5	19	4.8	27.7	3.3	0.85	
E5515042 (4827732)	<0.2	1.36	<1	<5	83	0.5	<1	0.22	<0.5	31	27.9	51.0	8.4	1.73	
E5515043 (4827733)	<0.2	0.37	<1	<5	24	<0.5	<1	0.12	<0.5	17	2.4	27.5	2.6	0.38	
E5515044 (4827734)	<0.2	0.73	1	<5	39	<0.5	<1	0.26	<0.5	25	5.8	28.2	12.4	0.93	
E5515045 (4827735)	<0.2	2.16	<1	6	90	0.7	<1	0.37	<0.5	30	13.8	64.3	12.3	2.22	
E5515046 (4827736)	<0.2	2.52	3	11	112	1.0	<1	0.38	<0.5	50	13.3	63.8	23.1	2.88	
E5515047 (4827737)	<0.2	1.54	1	6	69	0.7	<1	0.37	<0.5	34	9.4	46.3	11.9	1.83	
E5515048 (4827738)	<0.2	1.71	2	7	77	0.7	<1	0.33	<0.5	33	10.4	47.2	11.0	2.04	
E5515049 (4827739)	<0.2	2.86	3	13	118	1.2	<1	0.56	<0.5	52	12.7	67.5	16.3	2.93	
E5515050 (4827740)	<0.2	1.22	5	10	64	0.6	<1	3.02	<0.5	53	9.4	38.7	15.7	1.81	
E5515051 (4827741)	<0.2	0.47	<1	<5	14	<0.5	<1	0.17	<0.5	22	2.3	14.7	2.3	0.42	
E5515052 (4827742)	<0.2	0.16	<1	<5	124	<0.5	<1	0.13	0.8	5	1.1	5.9	11.4	0.22	
E5515053 (4827743)	<0.2	1.15	4	<5	58	<0.5	<1	0.21	<0.5	21	7.9	53.2	6.4	2.19	
E5515054 (4827744)	<0.2	4.05	<1	<5	26	0.8	<1	0.07	<0.5	18	8.0	99.5	7.9	2.24	
E5515055 (4827745)	<0.2	0.26	<1	<5	13	<0.5	<1	0.06	<0.5	13	1.3	12.2	3.1	0.27	
E5515056 (4827746)	<0.2	0.28	<1	<5	14	<0.5	<1	0.04	<0.5	11	1.2	9.9	2.2	0.24	
E5515057 (4827747)	<0.2	2.59	1	9	115	1.0	<1	0.19	<0.5	33	14.0	62.0	13.7	2.90	
E5515058 (4827748)	<0.2	1.23	3	6	75	0.6	<1	0.58	<0.5	43	9.2	45.8	13.7	1.64	
E5515059 (4827749)	<0.2	1.61	2	7	65	0.7	<1	0.33	<0.5	32	12.2	45.4	10.1	2.14	
E5512770 (4827750)	<0.2	1.91	3	7	64	0.9	<1	0.29	<0.5	28	11.8	53.3	13.0	2.41	
E5512771 (4827751)	<0.2	1.68	3	8	83	0.9	<1	0.59	<0.5	50	10.2	56.0	13.7	2.21	
E5512772 (4827752)	<0.2	1.33	4	8	65	0.8	<1	0.48	<0.5	44	9.5	42.4	11.3	1.89	
E5512773 (4827753)	<0.2	0.42	<1	<5	20	<0.5	<1	0.10	<0.5	13	2.6	13.6	3.4	0.45	
E5512774 (4827754)	<0.2	0.08	<1	<5	24	<0.5	<1	0.02	<0.5	10	<0.5	1.8	1.7	0.05	
E5512775 (4827755)	<0.2	0.09	<1	<5	11	<0.5	<1	<0.01	<0.5	10	<0.5	1.9	2.0	0.05	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5512776 (4827756)	<0.2	0.32	<1	<5	16	<0.5	<1	0.03	<0.5	11	2.8	22.9	3.5	0.95	
E5512777 (4827757)	<0.2	0.13	<1	<5	48	<0.5	<1	0.13	0.9	8	0.7	5.9	9.7	0.21	
E5512778 (4827758)	<0.2	2.20	5	8	61	1.2	<1	0.16	<0.5	23	13.8	98.3	15.2	6.07	
E5512779 (4827759)	<0.2	0.97	<1	<5	26	<0.5	<1	0.21	<0.5	16	5.5	24.9	3.6	0.89	
E5512780 (4827760)	<0.2	2.35	<1	11	103	1.1	<1	0.48	<0.5	50	16.8	71.9	18.0	2.77	
E5512781 (4827761)	<0.2	2.61	4	12	100	1.2	<1	0.34	<0.5	48	14.5	63.7	19.6	3.05	
E5512782 (4827762)	<0.2	1.62	2	9	79	0.8	<1	0.45	<0.5	40	10.2	47.2	15.6	2.04	
E5512783 (4827763)	<0.2	1.02	1	<5	44	0.5	<1	0.35	<0.5	34	6.9	32.1	7.7	1.42	
E5512784 (4827764)	<0.2	1.09	<1	5	47	0.6	<1	0.43	<0.5	43	8.6	35.0	8.6	1.55	
E5512785 (4827765)	<0.2	0.26	<1	<5	13	<0.5	<1	0.04	<0.5	12	0.6	11.6	2.9	0.06	
E5512786 (4827766)	<0.2	0.22	<1	<5	7	<0.5	<1	0.02	<0.5	10	0.8	6.6	0.8	0.06	
E5512787 (4827767)	<0.2	0.16	<1	<5	5	<0.5	<1	0.03	<0.5	10	1.0	5.8	0.5	0.07	
E5512788 (4827768)	0.3	1.06	<1	<5	16	<0.5	<1	0.09	<0.5	14	2.7	32.2	3.1	0.56	
E5512789 (4827769)	0.2	0.09	<1	<5	15	<0.5	<1	0.03	<0.5	11	<0.5	2.8	2.1	0.09	
E5512790 (4827770)	0.4	1.15	<1	<5	59	0.8	<1	0.13	<0.5	21	9.4	51.6	15.7	2.14	
E5512791 (4827771)	<0.2	1.82	2	6	99	0.8	<1	0.27	<0.5	36	13.6	54.2	10.4	2.07	
E5512792 (4827772)	<0.2	2.82	<1	10	109	1.1	<1	0.38	<0.5	34	16.1	70.0	15.9	3.26	
E5512793 (4827773)	<0.2	0.89	<1	<5	46	<0.5	<1	0.34	<0.5	33	6.9	35.0	5.5	1.25	
E5512794 (4827774)	<0.2	2.32	<1	11	134	1.1	<1	0.62	<0.5	61	13.3	61.6	15.9	2.64	
E5512795 (4827775)	<0.2	1.59	1	5	87	0.7	<1	0.43	<0.5	46	11.9	46.6	10.0	1.92	
E5512796 (4827776)	0.9	1.62	2	<5	103	0.7	<1	0.49	<0.5	48	12.2	48.2	10.3	1.95	
E5512797 (4827777)	0.2	0.20	<1	<5	10	<0.5	<1	0.05	<0.5	9	1.3	10.0	1.6	0.13	
E5512798 (4827778)	<0.2	0.25	<1	<5	7	<0.5	<1	0.01	<0.5	9	0.6	5.1	1.2	0.18	
E5512799 (4827779)	<0.2	0.20	<1	<5	10	<0.5	<1	0.02	<0.5	11	0.7	6.3	0.9	0.05	
E5512800 (4827780)	1.3	0.76	<1	<5	20	<0.5	<1	0.03	<0.5	11	1.5	24.3	3.4	0.97	
E5512801 (4827781)	<0.2	0.19	<1	<5	18	<0.5	<1	0.03	<0.5	14	0.9	10.7	1.6	0.20	
E5512802 (4827782)	1.2	0.20	<1	<5	18	<0.5	<1	0.03	<0.5	14	1.0	12.2	1.6	0.20	
E5512803 (4827783)	<0.2	1.44	<1	<5	39	<0.5	<1	0.15	<0.5	13	8.0	59.5	6.2	2.13	
E5512804 (4827784)	0.7	0.14	1	<5	195	<0.5	<1	0.49	1.5	5	1.7	9.3	17.3	0.26	
E5512805 (4827785)	<0.2	2.01	<1	6	73	0.7	<1	0.28	<0.5	27	11.6	56.9	14.1	2.44	
E5512806 (4827786)	<0.2	0.71	2	<5	52	<0.5	<1	0.33	<0.5	21	6.3	30.9	7.0	1.24	
E5512807 (4827787)	<0.2	1.76	1	7	127	0.7	<1	0.48	<0.5	38	6.0	52.1	14.7	1.24	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5512808 (4827788)	<0.2	0.72	<1	<5	34	<0.5	<1	0.32	<0.5	21	4.7	29.8	6.1	0.94	
E5512809 (4827789)	<0.2	0.56	2	<5	64	<0.5	6	0.44	<0.5	14	12.6	37.1	9.6	1.26	
E5512810 (4827790)	<0.2	0.33	<1	<5	48	<0.5	<1	0.05	0.7	14	0.8	11.4	13.0	0.30	
E5512811 (4827791)	<0.2	0.66	<1	<5	47	<0.5	<1	0.04	<0.5	19	0.8	15.6	10.4	0.26	
E5512812 (4827792)	<0.2	0.15	<1	<5	58	<0.5	<1	0.12	0.6	23	2.3	13.4	10.1	0.66	
E5512813 (4827793)	<0.2	0.47	<1	<5	22	<0.5	<1	0.17	<0.5	13	5.5	41.0	5.5	1.32	
E5512814 (4827795)	<0.2	0.19	<1	<5	61	<0.5	<1	0.11	<0.5	14	0.9	7.7	10.0	0.43	
E5512815 (4827796)	<0.2	1.71	1	<5	60	0.5	<1	0.25	<0.5	22	8.2	42.6	8.6	1.40	
E5512816 (4827797)	<0.2	1.29	<1	<5	54	<0.5	<1	0.21	<0.5	17	7.0	31.3	3.7	1.34	
E5512817 (4827798)															
E5512818 (4827799)															
E5512819 (4827800)	<0.2	0.76	7	10	112	<0.5	<1	3.44	<0.5	26	2.0	13.0	18.6	0.69	
E5512820 (4827801)	<0.2	2.66	3	17	176	1.3	<1	1.13	<0.5	62	14.2	80.2	30.9	2.69	
E5512821 (4827802)	0.3	0.89	3	5	182	0.6	<1	0.50	<0.5	24	19.3	43.3	20.0	3.36	
E5512822 (4827803)	<0.2	1.50	<1	6	73	0.6	<1	0.31	<0.5	30	9.9	47.6	9.4	1.69	
E5512823 (4827804)	<0.2	0.84	<1	<5	46	<0.5	<1	0.17	<0.5	29	6.0	26.8	6.2	1.02	
E5512824 (4827805)	<0.2	0.52	<1	<5	45	<0.5	<1	0.20	<0.5	11	5.1	43.0	7.6	0.92	
E5512825 (4827806)	<0.2	0.32	<1	<5	128	<0.5	<1	0.15	1.1	17	2.3	15.6	11.8	0.39	
E5512826 (4827807)															
E5512827 (4827808)	<0.2	1.07	<1	<5	45	<0.5	<1	0.32	<0.5	22	7.0	36.0	4.3	1.23	
E5512828 (4827809)	<0.2	1.48	3	5	117	0.6	<1	0.44	<0.5	40	12.9	42.8	8.8	1.52	
E5512829 (4827810)	<0.2	1.01	<1	<5	44	<0.5	<1	0.22	<0.5	18	7.4	48.2	6.6	1.41	
E5512830 (4827811)	<0.2	1.33	4	8	78	0.7	<1	1.10	<0.5	49	10.0	43.2	11.8	1.82	
E5512831 (4827812)	<0.2	1.65	3	12	130	0.9	<1	1.06	<0.5	61	10.6	46.5	11.3	1.91	
E5512832 (4827813)	<0.2	1.06	5	13	151	<0.5	<1	2.42	<0.5	28	4.3	21.2	14.1	0.87	
E5512833 (4827814)	<0.2	1.08	1	<5	65	<0.5	<1	0.29	<0.5	24	9.7	39.5	8.1	1.30	
E5512834 (4827815)	<0.2	1.84	<1	11	82	0.9	<1	0.32	<0.5	40	11.5	49.8	14.4	2.20	
E5512835 (4827816)	<0.2	1.24	<1	6	59	0.5	<1	0.31	<0.5	28	8.1	35.6	7.5	1.42	
E5512836 (4827817)	<0.2	1.78	1	6	102	0.5	<1	0.20	<0.5	19	8.2	54.4	10.3	1.81	
E5512837 (4827818)	<0.2	1.53	<1	<5	83	0.5	<1	0.28	<0.5	23	10.3	72.8	10.0	1.85	
E5512838 (4827819)	<0.2	0.92	<1	<5	16	<0.5	<1	0.11	<0.5	12	4.8	44.7	4.7	0.98	
E5512839 (4827820)	<0.2	0.93	<1	<5	32	<0.5	<1	0.32	<0.5	24	7.0	34.4	4.8	1.15	

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## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5512840 (4827821)		<0.2	2.78	3	11	138	1.1	<1	0.60	<0.5	47	16.2	78.8	18.8	3.10
E5512841 (4827822)		<0.2	0.36	4	18	145	<0.5	<1	3.79	0.6	9	2.4	8.1	12.9	0.46
E5512842 (4827823)		<0.2	2.67	2	11	201	1.2	<1	0.61	<0.5	74	15.2	72.6	17.0	2.74
E5512843 (4827824)		<0.2	1.24	3	10	76	0.6	<1	2.49	<0.5	39	9.1	41.3	10.3	1.54
E5512844 (4827825)															
E5512845 (4827826)		<0.2	0.75	<1	<5	24	<0.5	<1	0.22	<0.5	18	4.3	21.6	3.5	0.88
E5512846 (4827827)															
E5512847 (4827828)															
E5512848 (4827829)															
E5512849 (4827830)															
E5512850 (4827831)															
E5512851 (4827832)															
E5512852 (4827833)															
E5512853 (4827834)															
E5512854 (4827835)															
E5512855 (4827836)															
E5512856 (4827837)															
E5512857 (4827838)															
E5512858 (4827839)															
E5512859 (4827840)															
E5512860 (4827841)															
E5512861 (4827842)															
E5512862 (4827843)															
E5512863 (4827844)															
E5512864 (4827845)															
E5512865 (4827846)															
E5512866 (4827847)															
E5512867 (4827848)															
E5512868 (4827849)															
E5512869 (4827850)															
E5512870 (4827851)															
E5512871 (4827852)															

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## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5512872 (4827853)															
E5512873 (4827854)															
E5512874 (4827855)															
E5512875 (4827856)															
E5512876 (4827857)															
E5512877 (4827858)															

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5514970 (4827660)	10	<1	<1	0.23	23	28	0.84	343	1.5	0.02	29.8	579	16.2	50	
E5514971 (4827661)	8	<1	<1	0.19	22	25	0.70	274	1.4	0.02	27.5	524	16.5	44	
E5514972 (4827662)	8	<1	3	0.21	24	28	0.75	286	0.9	0.02	29.2	642	19.0	49	
E5514973 (4827663)	8	1	7	0.23	24	29	0.79	284	0.8	0.02	29.7	654	17.9	49	
E5514974 (4827664)	7	<1	<1	0.16	24	21	0.72	483	0.8	0.02	21.5	713	15.2	36	
E5514975 (4827665)	6	<1	5	0.13	23	21	0.61	342	0.9	0.02	21.2	787	14.6	33	
E5514976 (4827666)	7	<1	4	0.14	25	20	0.65	461	0.8	0.02	24.0	813	14.3	36	
E5514977 (4827667)	8	<1	2	0.12	23	20	0.57	330	1.0	0.01	21.1	755	11.7	30	
E5514978 (4827668)	<5	<1	<1	0.13	23	18	0.57	199	0.9	0.02	20.2	717	11.0	31	
E5514979 (4827669)	6	<1	4	0.09	22	17	0.45	158	1.0	0.01	17.2	657	12.9	22	
E5514980 (4827670)	6	<1	<1	0.09	22	16	0.44	169	1.4	0.01	16.6	716	14.6	22	
E5514981 (4827671)	5	<1	1	0.19	25	19	2.04	381	1.5	0.02	20.7	716	13.7	44	
E5514982 (4827672)	9	<1	6	0.24	29	27	0.88	442	<0.5	0.02	29.6	649	16.7	47	
E5514983 (4827673)	6	<1	<1	0.09	20	16	0.48	235	0.5	0.01	20.5	471	10.5	25	
E5514984 (4827674)	7	1	2	0.13	31	23	0.61	565	1.1	0.02	22.9	593	15.6	38	
E5514985 (4827675)	<5	<1	<1	0.04	10	6	0.28	208	1.2	0.01	19.7	512	10.1	<10	
E5514986 (4827676)	<5	<1	<1	0.07	15	11	0.32	145	1.8	0.01	11.7	663	12.7	21	
E5514987 (4827677)	<5	<1	3	0.08	16	12	0.34	126	1.3	0.01	12.4	661	11.8	22	
E5514988 (4827678)	6	<1	2	0.17	25	20	1.12	530	0.9	0.02	22.2	737	13.5	40	
E5514989 (4827679)	6	<1	3	0.16	25	19	0.89	467	1.0	0.02	22.1	782	14.0	40	
E5514990 (4827680)	9	<1	<1	0.27	27	32	0.94	683	<0.5	0.02	30.6	760	18.3	58	
E5514991 (4827681)	12	<1	3	0.43	33	43	1.31	820	2.3	0.03	39.8	644	24.6	87	
E5514992 (4827682)	<5	<1	1	0.09	16	14	0.38	141	1.5	<0.01	15.8	797	10.2	23	
E5514993 (4827683)	8	<1	<1	0.17	21	22	0.69	384	0.6	0.01	25.7	606	15.4	40	
E5514994 (4827684)	8	<1	<1	0.23	33	30	0.81	742	0.9	0.02	29.7	725	19.2	64	
E5514995 (4827685)	6	<1	<1	0.13	23	21	0.52	340	0.9	0.01	22.2	559	12.7	36	
E5514996 (4827686)	6	<1	8	0.19	25	19	1.20	381	0.9	0.02	22.0	719	14.7	41	
E5514997 (4827687)	6	<1	6	0.15	23	18	0.60	313	0.8	0.02	21.0	673	13.5	32	
E5514998 (4827688)	5	<1	1	0.10	13	15	0.58	282	1.2	0.01	16.9	369	12.7	27	
E5514999 (4827689)	8	<1	<1	0.24	19	28	0.79	451	<0.5	0.01	29.7	514	17.6	54	
E5515000 (4827690)	7	<1	2	0.15	21	18	0.56	292	0.7	0.01	20.7	628	11.8	36	
E5515001 (4827691)	5	<1	<1	0.17	26	18	1.13	315	1.2	0.02	21.3	739	12.5	36	

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013						DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5515002 (4827692)	5	<1	<1	0.14	22	17	0.54	317	<0.5	0.01	20.7	624	11.2	34	
E5515003 (4827693)	5	<1	<1	0.10	10	16	0.47	270	0.6	0.01	16.9	328	9.6	33	
E5515004 (4827694)	17	<1	<1	0.47	19	51	1.27	607	<0.5	0.02	46.3	597	27.4	147	
E5515005 (4827695)	11	<1	1	0.37	32	40	1.12	646	0.6	0.02	40.7	589	23.2	83	
E5515006 (4827696)	7	<1	2	0.19	23	21	0.68	582	<0.5	0.02	25.2	643	13.9	44	
E5515007 (4827697)	9	<1	<1	0.21	14	27	0.76	408	0.5	0.01	27.5	390	13.7	57	
E5515008 (4827698)	10	<1	4	0.27	14	30	0.88	477	<0.5	0.02	30.5	439	16.9	69	
E5515009 (4827699)	10	<1	4	0.24	14	30	0.90	554	0.5	0.02	31.6	380	19.7	68	
E5515010 (4827700)	10	<1	8	0.26	28	31	0.88	487	0.5	0.02	35.4	755	14.7	79	
E5515011 (4827701)	6	<1	2	0.19	24	20	1.02	457	0.7	0.02	24.0	715	12.9	43	
E5515012 (4827702)	6	<1	<1	0.18	24	20	0.99	439	0.9	0.02	23.2	697	13.2	40	
E5515013 (4827703)	7	<1	2	0.17	17	20	0.64	366	0.5	0.01	24.1	421	13.6	37	
E5515014 (4827704)	<5	<1	<1	0.05	12	9	0.39	213	0.8	0.01	16.5	506	7.6	14	
E5515015 (4827705)	<5	<1	<1	0.07	12	12	0.38	176	2.7	0.01	17.7	522	7.8	18	
E5515016 (4827706)	12	<1	<1	0.32	29	39	1.08	441	2.0	0.03	41.2	838	18.0	88	
E5515017 (4827707)	8	<1	1	0.26	22	28	0.86	371	1.0	0.02	30.1	634	16.0	57	
E5515018 (4827708)	6	<1	5	0.18	24	20	0.68	475	0.9	0.02	24.5	759	11.0	40	
E5515019 (4827709)	<5	<1	4	0.03	13	<1	0.02	29	0.9	<0.01	5.2	613	35.0	<10	
E5515020 (4827710)	8	<1	4	0.19	26	20	0.62	526	1.2	0.02	26.7	871	18.2	41	
E5515021 (4827711)	10	<1	3	0.21	13	30	0.87	408	<0.5	0.02	31.2	259	16.9	82	
E5515022 (4827712)	9	<1	2	0.22	12	27	0.80	394	0.5	0.02	28.6	692	16.6	65	
E5515023 (4827713)	<5	<1	3	0.12	15	16	0.53	331	2.7	0.02	28.5	585	9.6	30	
E5515024 (4827714)	7	<1	<1	0.19	26	19	1.12	343	1.4	0.02	23.4	734	13.1	39	
E5515025 (4827715)	6	<1	5	0.10	17	17	0.50	240	1.6	0.02	20.6	674	10.4	25	
E5515026 (4827716)	6	<1	1	0.13	18	16	0.58	294	0.8	0.02	23.1	659	10.1	29	
E5515027 (4827717)	<5	<1	<1	0.02	8	5	0.15	73	0.7	<0.01	7.2	346	5.7	<10	
E5515028 (4827718)	9	<1	2	0.01	5	3	0.07	53	1.1	<0.01	6.7	351	13.0	<10	
E5515029 (4827719)	<5	<1	<1	0.01	10	5	0.26	68	2.6	<0.01	33.1	529	14.5	<10	
E5515030 (4827720)	<5	<1	<1	0.01	6	<1	<0.01	6	<0.5	<0.01	0.9	167	7.9	<10	
E5515031 (4827721)	<5	<1	<1	0.02	5	<1	0.02	42	0.7	<0.01	3.9	260	12.1	<10	
E5515032 (4827722)	<5	<1	<1	0.08	18	16	0.55	256	0.8	0.02	25.5	511	9.7	18	
E5515033 (4827723)	10	<1	<1	0.18	16	24	0.83	455	0.6	0.03	31.6	338	15.2	58	

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## Certificate of Analysis

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DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013						DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5515034 (4827724)	10	<1	2	0.19	12	28	0.81	419	0.6	0.02	28.8	271	13.9	77	
E5515035 (4827725)	6	<1	1	0.14	11	19	0.59	329	0.6	0.02	20.2	531	10.7	42	
E5515036 (4827726)	<5	<1	<1	0.07	10	10	0.33	172	0.6	<0.01	13.0	484	7.2	19	
E5515037 (4827727)	7	<1	5	0.20	22	22	0.69	306	0.7	0.02	28.2	654	11.3	48	
E5515038 (4827728)	7	<1	3	0.15	27	20	0.59	313	0.7	0.02	25.3	624	13.3	35	
E5515039 (4827729)	<5	<1	<1	0.01	3	<1	0.02	19	0.7	<0.01	1.5	119	6.6	<10	
E5515040 (4827730)	<5	<1	<1	0.04	2	<1	0.07	269	1.7	<0.01	13.0	654	43.4	<10	
E5515041 (4827731)	<5	<1	<1	0.01	9	7	0.16	55	3.1	<0.01	20.9	493	7.4	<10	
E5515042 (4827732)	7	<1	4	0.04	12	23	0.29	2360	31.1	<0.01	30.8	499	24.0	11	
E5515043 (4827733)	<5	<1	<1	0.02	9	3	0.17	94	1.5	<0.01	10.7	125	14.3	<10	
E5515044 (4827734)	<5	<1	<1	0.05	12	5	0.28	191	0.9	0.01	22.7	500	7.0	<10	
E5515045 (4827735)	9	<1	6	0.19	13	27	0.88	492	0.6	0.02	32.3	307	15.4	66	
E5515046 (4827736)	10	1	3	0.34	24	30	0.95	353	<0.5	0.02	32.4	437	19.4	75	
E5515047 (4827737)	8	<1	4	0.15	15	19	0.65	324	<0.5	0.02	24.5	529	12.8	38	
E5515048 (4827738)	8	<1	1	0.22	14	22	0.69	372	<0.5	0.01	24.8	465	14.0	52	
E5515049 (4827739)	12	<1	<1	0.34	25	39	0.96	431	0.6	0.02	36.1	767	22.2	84	
E5515050 (4827740)	<5	<1	<1	0.20	25	20	2.05	492	0.9	0.02	22.9	689	13.6	46	
E5515051 (4827741)	<5	<1	<1	0.01	11	4	0.12	52	0.9	<0.01	7.6	410	6.4	<10	
E5515052 (4827742)	<5	<1	2	0.05	3	<1	0.03	104	1.4	<0.01	7.8	398	34.3	<10	
E5515053 (4827743)	8	<1	6	0.05	10	12	0.39	165	2.0	<0.01	30.6	576	12.7	12	
E5515054 (4827744)	11	<1	2	0.02	9	11	0.12	85	1.1	<0.01	31.7	321	18.4	<10	
E5515055 (4827745)	<5	<1	<1	0.01	6	<1	0.05	36	0.7	<0.01	5.3	186	12.4	<10	
E5515056 (4827746)	<5	<1	<1	0.03	5	1	0.04	20	<0.5	<0.01	1.9	156	12.8	<10	
E5515057 (4827747)	11	2	<1	0.26	12	35	0.97	465	<0.5	0.01	37.6	246	17.8	78	
E5515058 (4827748)	6	<1	2	0.13	27	16	0.61	381	1.1	0.02	25.4	600	12.2	29	
E5515059 (4827749)	7	<1	5	0.19	13	24	0.72	518	<0.5	0.01	26.0	490	16.3	52	
E5512770 (4827750)	9	<1	3	0.22	14	29	0.81	441	<0.5	0.01	28.6	331	15.7	69	
E5512771 (4827751)	7	<1	3	0.21	27	26	0.75	318	0.6	0.02	26.6	685	14.3	46	
E5512772 (4827752)	7	<1	3	0.17	23	19	0.65	364	<0.5	0.01	24.0	690	13.1	38	
E5512773 (4827753)	<5	<1	<1	0.01	7	4	0.12	46	<0.5	<0.01	11.9	114	5.6	<10	
E5512774 (4827754)	<5	<1	<1	<0.01	5	<1	<0.01	14	<0.5	<0.01	1.0	104	5.5	<10	
E5512775 (4827755)	<5	<1	<1	0.01	5	<1	<0.01	10	<0.5	<0.01	0.5	179	6.7	<10	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326  
PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013						DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5512776 (4827756)	<5	<1	1	0.01	5	2	0.16	42	<0.5	<0.01	20.1	105	5.2	<10	
E5512777 (4827757)	<5	<1	<1	0.03	4	<1	0.03	115	0.9	<0.01	5.3	306	30.8	<10	
E5512778 (4827758)	21	<1	4	0.04	13	14	0.46	364	2.3	<0.01	32.5	913	21.4	19	
E5512779 (4827759)	<5	<1	1	0.04	7	9	0.25	99	0.7	<0.01	15.0	558	6.1	12	
E5512780 (4827760)	11	<1	1	0.30	16	31	1.01	583	<0.5	0.03	38.0	458	19.8	77	
E5512781 (4827761)	11	<1	6	0.33	22	35	0.99	451	2.1	0.02	35.1	424	21.1	74	
E5512782 (4827762)	7	<1	2	0.19	21	21	0.69	312	1.0	0.02	26.7	459	15.3	37	
E5512783 (4827763)	6	<1	1	0.10	18	15	0.50	255	0.7	0.01	18.4	531	11.5	25	
E5512784 (4827764)	5	<1	1	0.11	20	15	0.53	406	0.6	0.01	20.5	595	13.1	27	
E5512785 (4827765)	<5	<1	<1	0.01	6	<1	0.01	9	<0.5	<0.01	1.8	120	5.2	<10	
E5512786 (4827766)	<5	<1	<1	<0.01	5	<1	<0.01	8	<0.5	<0.01	1.2	88	9.0	<10	
E5512787 (4827767)	<5	<1	<1	0.01	5	<1	0.02	13	<0.5	<0.01	1.1	36	5.0	<10	
E5512788 (4827768)	<5	<1	<1	0.01	7	5	0.15	46	1.1	<0.01	14.2	220	6.1	<10	
E5512789 (4827769)	<5	<1	<1	<0.01	5	<1	<0.01	15	<0.5	<0.01	1.3	78	7.4	<10	
E5512790 (4827770)	17	1	2	0.04	11	6	0.21	403	3.3	<0.01	17.8	976	36.4	11	
E5512791 (4827771)	9	<1	2	0.18	15	25	0.73	409	0.5	0.02	28.9	289	14.4	54	
E5512792 (4827772)	12	<1	5	0.36	15	41	1.15	541	<0.5	0.02	38.2	418	21.4	97	
E5512793 (4827773)	<5	<1	<1	0.08	16	12	0.44	271	1.1	0.01	17.9	653	8.0	24	
E5512794 (4827774)	9	<1	3	0.28	34	34	0.90	711	0.8	0.02	35.2	768	18.3	75	
E5512795 (4827775)	6	<1	1	0.12	20	22	0.58	576	0.7	0.01	27.3	611	13.6	37	
E5512796 (4827776)	7	<1	1	0.13	21	23	0.59	608	0.7	0.01	29.6	638	12.6	40	
E5512797 (4827777)	<5	<1	<1	0.01	4	<1	0.03	15	0.8	<0.01	2.7	163	11.2	<10	
E5512798 (4827778)	<5	<1	<1	0.01	4	<1	<0.01	10	<0.5	<0.01	1.3	104	6.2	<10	
E5512799 (4827779)	<5	<1	<1	0.01	6	<1	<0.01	8	<0.5	<0.01	0.9	77	10.7	<10	
E5512800 (4827780)	6	<1	1	0.01	6	2	0.05	17	1.0	<0.01	6.5	175	8.4	<10	
E5512801 (4827781)	<5	<1	<1	<0.01	6	<1	0.04	15	<0.5	<0.01	3.6	83	8.3	<10	
E5512802 (4827782)	<5	<1	<1	<0.01	7	<1	0.04	17	0.6	<0.01	4.2	101	7.9	<10	
E5512803 (4827783)	10	<1	2	0.03	6	10	0.31	113	0.9	<0.01	36.7	447	9.1	<10	
E5512804 (4827784)	<5	<1	1	0.08	3	<1	0.05	326	2.4	<0.01	9.4	1080	36.5	<10	
E5512805 (4827785)	8	<1	2	0.15	11	26	0.73	281	1.3	0.02	31.3	319	15.5	44	
E5512806 (4827786)	<5	<1	<1	0.06	10	10	0.34	211	1.6	<0.01	16.8	609	8.5	16	
E5512807 (4827787)	8	<1	1	0.13	23	17	0.41	127	1.7	<0.01	25.0	568	14.3	31	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326  
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5623 McADAM ROAD  
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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013							DATE REPORTED: Oct 21, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5512808 (4827788)	<5	<1	<1	0.06	13	9	0.32	109	1.3	<0.01	15.9	526	6.4	13	
E5512809 (4827789)	<5	<1	1	0.06	6	5	0.45	1110	1.6	0.01	26.8	585	29.1	11	
E5512810 (4827790)	<5	<1	<1	0.05	8	<1	0.02	56	0.7	<0.01	4.8	554	44.3	<10	
E5512811 (4827791)	6	<1	<1	0.03	11	<1	0.03	15	1.0	<0.01	4.4	457	29.6	<10	
E5512812 (4827792)	<5	<1	2	0.03	12	<1	0.04	59	0.7	<0.01	13.9	216	24.6	<10	
E5512813 (4827793)	7	<1	<1	0.02	6	3	0.24	110	0.7	<0.01	16.5	200	12.1	<10	
E5512814 (4827795)	<5	<1	<1	0.02	7	<1	0.02	57	0.7	<0.01	4.5	235	40.4	<10	
E5512815 (4827796)	5	<1	2	0.08	10	18	0.49	188	0.7	0.01	29.7	258	9.6	18	
E5512816 (4827797)	6	<1	<1	0.04	8	11	0.27	173	<0.5	<0.01	18.5	444	7.9	12	
E5512817 (4827798)															
E5512818 (4827799)															
E5512819 (4827800)	<5	1	<1	0.06	20	3	0.27	176	3.3	0.01	10.7	917	12.7	13	
E5512820 (4827801)	11	<1	2	0.37	32	42	1.06	393	0.5	0.03	40.2	643	18.1	82	
E5512821 (4827802)	<5	1	2	0.06	13	4	0.15	942	3.4	<0.01	29.6	1500	37.7	12	
E5512822 (4827803)	7	<1	4	0.15	13	20	0.64	364	0.5	0.02	23.5	272	11.4	39	
E5512823 (4827804)	<5	<1	<1	0.06	14	10	0.34	179	<0.5	0.01	15.7	147	7.5	11	
E5512824 (4827805)	<5	<1	<1	0.03	5	3	0.36	237	0.8	<0.01	20.0	302	20.8	<10	
E5512825 (4827806)	<5	<1	3	0.03	10	<1	0.07	54	1.6	<0.01	12.7	414	48.4	<10	
E5512826 (4827807)															
E5512827 (4827808)	6	<1	<1	0.06	11	14	0.45	228	0.6	0.01	18.4	264	9.0	26	
E5512828 (4827809)	6	<1	3	0.10	17	18	0.50	568	0.6	0.02	28.7	513	11.8	28	
E5512829 (4827810)	6	<1	<1	0.09	8	10	0.41	290	1.6	<0.01	22.5	387	10.7	33	
E5512830 (4827811)	6	<1	<1	0.19	23	18	0.93	470	3.0	0.02	24.0	712	12.5	40	
E5512831 (4827812)	7	<1	<1	0.26	28	25	0.75	304	2.6	0.02	24.7	531	15.4	57	
E5512832 (4827813)	<5	<1	<1	0.09	20	6	0.29	403	3.5	0.02	15.4	792	14.9	20	
E5512833 (4827814)	5	<1	3	0.10	11	13	0.45	432	0.7	0.01	20.6	447	11.7	24	
E5512834 (4827815)	8	<1	4	0.24	17	24	0.74	366	<0.5	0.02	27.4	395	13.8	56	
E5512835 (4827816)	6	<1	3	0.15	11	16	0.49	305	<0.5	0.01	18.4	344	11.9	38	
E5512836 (4827817)	9	<1	4	0.13	9	17	0.48	344	<0.5	<0.01	27.5	556	19.6	37	
E5512837 (4827818)	7	<1	5	0.11	10	23	0.72	456	0.6	0.01	35.8	397	10.8	42	
E5512838 (4827819)	<5	<1	<1	0.02	5	7	0.20	66	0.7	<0.01	21.7	207	6.5	<10	
E5512839 (4827820)	<5	<1	<1	0.06	11	11	0.43	252	<0.5	0.02	17.8	403	6.7	20	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ga ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm
		5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5512840 (4827821)		11	<1	3	0.35	18	37	1.18	622	<0.5	0.03	40.4	467	20.6	100
E5512841 (4827822)		<5	<1	1	0.06	5	4	0.41	151	14.2	<0.01	7.4	811	19.6	17
E5512842 (4827823)		9	<1	2	0.25	36	35	0.90	687	<0.5	0.02	48.4	714	18.5	68
E5512843 (4827824)		6	<1	<1	0.18	19	20	1.69	275	0.7	0.02	22.3	644	11.6	43
E5512844 (4827825)															
E5512845 (4827826)		<5	<1	<1	0.07	8	10	0.30	115	<0.5	<0.01	12.0	435	6.3	17
E5512846 (4827827)															
E5512847 (4827828)															
E5512848 (4827829)															
E5512849 (4827830)															
E5512850 (4827831)															
E5512851 (4827832)															
E5512852 (4827833)															
E5512853 (4827834)															
E5512854 (4827835)															
E5512855 (4827836)															
E5512856 (4827837)															
E5512857 (4827838)															
E5512858 (4827839)															
E5512859 (4827840)															
E5512860 (4827841)															
E5512861 (4827842)															
E5512862 (4827843)															
E5512863 (4827844)															
E5512864 (4827845)															
E5512865 (4827846)															
E5512866 (4827847)															
E5512867 (4827848)															
E5512868 (4827849)															
E5512869 (4827850)															
E5512870 (4827851)															
E5512871 (4827852)															

Certified By: \_\_\_\_\_



# Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

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## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
	Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5512872 (4827853)															
E5512873 (4827854)															
E5512874 (4827855)															
E5512875 (4827856)															
E5512876 (4827857)															
E5512877 (4827858)															

Certified By: \_\_\_\_\_



## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5514970 (4827660)	0.019	<1	6.7	<10	10	33.4	<10	<10	6	0.12	<5	<5	56.5	<1	
E5514971 (4827661)	0.019	<1	6.1	<10	9	31.0	<10	<10	8	0.11	<5	<5	51.2	<1	
E5514972 (4827662)	0.024	<1	6.8	<10	9	36.7	<10	<10	10	0.11	<5	<5	57.1	<1	
E5514973 (4827663)	0.022	<1	6.9	<10	10	35.0	<10	<10	10	0.12	<5	<5	56.4	<1	
E5514974 (4827664)	0.014	<1	5.0	<10	10	25.7	<10	<10	8	0.11	<5	<5	44.3	<1	
E5514975 (4827665)	0.012	<1	5.0	<10	9	24.9	<10	<10	9	0.11	<5	<5	47.0	<1	
E5514976 (4827666)	0.012	<1	5.6	<10	9	25.5	<10	<10	9	0.12	<5	<5	48.4	<1	
E5514977 (4827667)	0.012	1	4.9	<10	8	24.6	<10	<10	8	0.10	<5	<5	44.8	<1	
E5514978 (4827668)	0.025	<1	5.1	<10	9	26.1	<10	<10	8	0.10	<5	<5	39.3	<1	
E5514979 (4827669)	0.030	<1	4.2	<10	7	27.2	<10	<10	6	0.08	<5	<5	47.7	<1	
E5514980 (4827670)	0.041	1	3.9	<10	8	29.7	<10	<10	7	0.07	<5	<5	30.1	<1	
E5514981 (4827671)	0.043	1	6.3	<10	21	34.6	<10	<10	7	0.11	<5	<5	43.0	<1	
E5514982 (4827672)	0.011	<1	7.7	<10	11	26.8	<10	<10	11	0.13	<5	<5	53.6	<1	
E5514983 (4827673)	0.009	<1	4.0	<10	7	19.2	<10	<10	6	0.09	<5	<5	35.8	<1	
E5514984 (4827674)	0.017	<1	5.1	<10	9	29.5	<10	<10	6	0.10	<5	<5	45.9	<1	
E5514985 (4827675)	0.023	<1	2.0	<10	<5	16.4	<10	<10	<5	0.05	<5	<5	25.7	<1	
E5514986 (4827676)	0.062	<1	3.1	<10	8	29.8	<10	<10	<5	0.06	<5	<5	22.7	<1	
E5514987 (4827677)	0.056	<1	3.2	<10	7	30.3	<10	<10	<5	0.06	<5	<5	22.9	<1	
E5514988 (4827678)	0.020	<1	6.0	<10	13	29.5	<10	<10	8	0.12	<5	<5	44.4	<1	
E5514989 (4827679)	0.017	<1	5.6	<10	10	25.9	<10	<10	10	0.11	<5	<5	44.1	<1	
E5514990 (4827680)	0.040	1	6.5	<10	10	29.9	<10	<10	7	0.11	<5	<5	60.5	<1	
E5514991 (4827681)	0.021	<1	10.6	11	14	37.4	<10	<10	12	0.15	<5	<5	71.9	<1	
E5514992 (4827682)	0.058	1	3.1	<10	6	26.9	<10	<10	<5	0.06	<5	<5	26.6	<1	
E5514993 (4827683)	0.012	<1	5.3	<10	9	21.2	<10	<10	8	0.11	<5	<5	47.9	<1	
E5514994 (4827684)	0.038	2	5.0	<10	9	34.5	<10	<10	5	0.09	<5	<5	48.4	<1	
E5514995 (4827685)	0.012	<1	4.0	<10	8	21.3	<10	<10	6	0.10	<5	<5	40.0	<1	
E5514996 (4827686)	0.021	<1	6.5	<10	13	27.5	<10	<10	10	0.12	<5	<5	44.8	<1	
E5514997 (4827687)	0.021	<1	4.3	<10	9	24.4	<10	<10	7	0.10	<5	<5	39.3	<1	
E5514998 (4827688)	0.011	<1	2.8	<10	8	16.6	<10	<10	5	0.09	<5	<5	35.4	<1	
E5514999 (4827689)	0.015	<1	5.5	<10	8	18.9	<10	<10	7	0.11	<5	<5	52.4	<1	
E5515000 (4827690)	0.014	<1	4.2	<10	8	21.4	<10	<10	6	0.10	<5	<5	40.0	<1	
E5515001 (4827691)	0.022	1	6.0	<10	12	28.0	<10	<10	8	0.11	<5	<5	44.2	<1	

Certified By: \_\_\_\_\_





## Certificate of Analysis

AGAT WORK ORDER: 13U769326  
PROJECT NO: Soil Sampling Project

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5515002 (4827692)	0.011	<1	4.1	<10	7	20.1	<10	<10	7	0.10	<5	<5	37.6	<1	
E5515003 (4827693)	0.005	<1	2.6	<10	6	13.5	<10	<10	5	0.09	<5	<5	35.0	<1	
E5515004 (4827694)	0.030	3	6.3	<10	10	24.1	<10	<10	<5	0.14	<5	<5	83.6	<1	
E5515005 (4827695)	0.018	1	8.1	<10	9	29.2	<10	<10	8	0.13	<5	<5	67.2	<1	
E5515006 (4827696)	0.013	<1	5.1	<10	7	22.4	<10	<10	8	0.11	<5	<5	49.0	<1	
E5515007 (4827697)	0.008	<1	4.3	<10	9	19.2	<10	<10	6	0.13	<5	<5	51.9	<1	
E5515008 (4827698)	0.010	<1	5.5	<10	10	23.6	<10	<10	7	0.14	<5	<5	56.7	<1	
E5515009 (4827699)	0.013	<1	5.3	<10	10	22.0	<10	<10	8	0.13	<5	<5	60.2	<1	
E5515010 (4827700)	0.026	<1	6.4	<10	9	29.3	<10	<10	7	0.11	<5	<5	56.9	<1	
E5515011 (4827701)	0.019	<1	5.4	<10	12	27.7	<10	<10	8	0.11	<5	<5	44.2	<1	
E5515012 (4827702)	0.018	2	4.9	<10	11	27.2	<10	<10	6	0.10	<5	<5	42.3	<1	
E5515013 (4827703)	0.007	<1	5.1	<10	7	19.2	<10	<10	8	0.11	<5	<5	45.8	<1	
E5515014 (4827704)	<0.005	<1	2.7	<10	6	16.1	<10	<10	<5	0.08	<5	<5	29.4	<1	
E5515015 (4827705)	0.007	<1	2.4	<10	<5	12.1	<10	<10	<5	0.07	<5	<5	30.5	<1	
E5515016 (4827706)	0.062	1	6.6	<10	12	40.8	<10	<10	<5	0.12	<5	<5	61.3	<1	
E5515017 (4827707)	0.027	<1	7.1	<10	9	26.6	<10	<10	9	0.12	<5	<5	54.8	<1	
E5515018 (4827708)	0.015	<1	5.3	<10	9	26.3	<10	<10	8	0.11	<5	<5	46.0	<1	
E5515019 (4827709)	0.031	1	<0.5	<10	<5	16.2	<10	<10	<5	<0.01	<5	<5	15.6	<1	
E5515020 (4827710)	0.059	2	3.7	<10	8	28.9	<10	<10	<5	0.07	<5	<5	44.8	<1	
E5515021 (4827711)	0.008	<1	5.1	<10	10	24.0	<10	<10	6	0.15	<5	<5	54.2	<1	
E5515022 (4827712)	0.013	<1	4.5	<10	10	20.3	<10	<10	6	0.14	<5	<5	51.1	<1	
E5515023 (4827713)	0.010	<1	3.4	<10	7	19.2	<10	<10	<5	0.09	<5	<5	36.1	<1	
E5515024 (4827714)	0.028	<1	5.3	<10	13	28.6	<10	<10	7	0.11	<5	<5	44.0	<1	
E5515025 (4827715)	0.030	<1	4.1	<10	8	23.1	<10	<10	5	0.08	<5	<5	38.5	<1	
E5515026 (4827716)	0.029	<1	4.4	<10	9	24.1	<10	<10	6	0.09	<5	<5	39.1	<1	
E5515027 (4827717)	0.007	<1	0.8	<10	<5	9.9	<10	<10	<5	0.06	<5	<5	19.1	<1	
E5515028 (4827718)	0.026	<1	0.9	<10	6	7.4	<10	<10	<5	0.08	<5	<5	46.0	<1	
E5515029 (4827719)	0.034	<1	2.8	<10	<5	8.8	<10	<10	<5	0.05	<5	<5	39.2	<1	
E5515030 (4827720)	0.011	<1	<0.5	<10	<5	4.4	<10	<10	<5	0.02	<5	<5	3.7	<1	
E5515031 (4827721)	0.021	<1	<0.5	<10	<5	7.8	<10	<10	<5	0.02	<5	<5	10.6	<1	
E5515032 (4827722)	0.007	<1	4.2	<10	7	23.9	<10	<10	5	0.10	<5	<5	37.2	<1	
E5515033 (4827723)	0.011	<1	5.9	<10	9	24.6	<10	<10	7	0.14	<5	<5	52.4	<1	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5515034 (4827724)	0.011	<1	4.4	<10	9	22.6	<10	<10	6	0.14	<5	<5	52.5	<1	
E5515035 (4827725)	0.008	<1	3.3	<10	8	18.7	<10	<10	<5	0.11	<5	<5	40.8	<1	
E5515036 (4827726)	<0.005	<1	2.1	<10	<5	10.8	<10	<10	<5	0.07	<5	<5	27.9	<1	
E5515037 (4827727)	0.011	<1	5.1	<10	8	24.2	<10	<10	8	0.11	<5	<5	46.6	<1	
E5515038 (4827728)	0.032	<1	4.0	<10	7	27.7	<10	<10	5	0.08	<5	<5	40.1	<1	
E5515039 (4827729)	0.008	<1	<0.5	<10	<5	5.7	<10	<10	<5	0.02	<5	<5	5.0	<1	
E5515040 (4827730)	0.084	<1	<0.5	<10	<5	28.4	<10	<10	<5	0.01	<5	<5	8.9	<1	
E5515041 (4827731)	0.019	<1	1.4	<10	<5	9.1	<10	<10	<5	0.04	<5	<5	19.5	<1	
E5515042 (4827732)	0.046	<1	1.6	<10	5	15.0	<10	<10	<5	0.07	<5	7	48.9	<1	
E5515043 (4827733)	0.010	<1	0.6	<10	<5	9.8	<10	<10	<5	0.07	<5	<5	20.5	<1	
E5515044 (4827734)	0.009	<1	2.1	<10	<5	15.4	<10	<10	<5	0.06	<5	<5	24.9	<1	
E5515045 (4827735)	0.012	<1	5.4	<10	10	25.4	<10	<10	7	0.15	<5	<5	53.8	<1	
E5515046 (4827736)	0.010	<1	9.0	<10	10	25.7	<10	<10	11	0.14	<5	<5	61.2	<1	
E5515047 (4827737)	0.007	<1	4.9	<10	7	19.8	<10	<10	7	0.11	<5	<5	45.0	<1	
E5515048 (4827738)	0.007	<1	4.8	<10	8	17.8	<10	<10	6	0.11	<5	<5	48.3	<1	
E5515049 (4827739)	0.033	2	5.5	<10	10	27.9	<10	<10	6	0.11	<5	<5	60.8	<1	
E5515050 (4827740)	0.036	2	6.8	<10	20	33.8	<10	<10	9	0.12	<5	<5	46.3	<1	
E5515051 (4827741)	0.016	<1	1.0	<10	<5	9.1	<10	<10	<5	0.05	<5	<5	13.1	<1	
E5515052 (4827742)	0.058	<1	<0.5	<10	<5	17.2	<10	<10	<5	<0.01	<5	<5	4.4	<1	
E5515053 (4827743)	0.017	<1	2.1	<10	5	13.1	<10	<10	<5	0.08	<5	<5	72.8	<1	
E5515054 (4827744)	0.051	2	4.0	<10	6	7.1	<10	<10	<5	0.10	<5	<5	54.7	<1	
E5515055 (4827745)	0.012	<1	<0.5	<10	<5	6.5	<10	<10	<5	0.02	<5	<5	10.3	<1	
E5515056 (4827746)	0.013	<1	<0.5	<10	<5	5.8	<10	<10	<5	0.04	<5	<5	11.6	<1	
E5515057 (4827747)	0.012	<1	4.6	<10	8	20.0	<10	<10	5	0.13	<5	<5	59.2	<1	
E5515058 (4827748)	0.017	<1	4.5	<10	6	21.2	<10	<10	7	0.09	<5	<5	41.6	<1	
E5515059 (4827749)	0.011	<1	4.0	<10	9	18.1	<10	<10	7	0.12	<5	<5	50.8	<1	
E5512770 (4827750)	0.011	<1	4.0	<10	8	18.5	<10	<10	<5	0.11	<5	<5	55.2	<1	
E5512771 (4827751)	0.019	<1	5.2	<10	8	24.9	<10	<10	8	0.11	<5	<5	48.4	<1	
E5512772 (4827752)	0.011	<1	4.7	<10	7	21.4	<10	<10	8	0.10	<5	<5	44.5	<1	
E5512773 (4827753)	0.008	<1	0.8	<10	<5	8.0	<10	<10	<5	0.05	<5	<5	14.4	<1	
E5512774 (4827754)	0.009	<1	<0.5	<10	<5	4.0	<10	<10	<5	<0.01	<5	<5	1.6	<1	
E5512775 (4827755)	0.010	<1	<0.5	<10	<5	3.7	<10	<10	<5	0.01	<5	<5	2.6	<1	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013	DATE REPORTED: Oct 21, 2013	SAMPLE TYPE: Soil											
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5512776 (4827756)	0.007	<1	<0.5	<10	<5	4.1	<10	<10	<5	0.04	<5	<5	21.8	<1
E5512777 (4827757)	0.042	<1	<0.5	<10	<5	9.8	<10	<10	<5	0.01	<5	<5	4.5	<1
E5512778 (4827758)	0.064	<1	2.4	<10	15	12.9	<10	<10	<5	0.26	<5	<5	116	<1
E5512779 (4827759)	0.011	<1	1.4	<10	<5	9.0	<10	<10	<5	0.05	<5	<5	21.3	<1
E5512780 (4827760)	0.011	<1	7.2	<10	11	24.5	<10	<10	10	0.16	<5	<5	64.7	<1
E5512781 (4827761)	0.011	<1	7.2	<10	10	21.9	<10	<10	9	0.14	<5	<5	65.4	<1
E5512782 (4827762)	0.010	<1	5.6	<10	8	20.2	<10	<10	7	0.10	<5	<5	47.3	<1
E5512783 (4827763)	0.009	<1	3.3	<10	5	18.3	<10	<10	6	0.09	<5	<5	33.7	<1
E5512784 (4827764)	0.010	<1	3.6	<10	8	19.8	<10	<10	7	0.10	<5	<5	37.5	<1
E5512785 (4827765)	0.017	<1	0.5	<10	<5	6.9	<10	<10	<5	0.03	<5	<5	3.3	<1
E5512786 (4827766)	0.012	<1	<0.5	<10	<5	3.5	<10	<10	<5	0.04	<5	<5	5.0	<1
E5512787 (4827767)	0.006	<1	<0.5	<10	<5	5.1	<10	<10	<5	0.05	<5	<5	4.0	<1
E5512788 (4827768)	0.019	<1	1.3	<10	<5	7.7	<10	<10	<5	0.04	<5	<5	17.2	<1
E5512789 (4827769)	0.007	<1	<0.5	<10	<5	4.2	<10	<10	<5	0.01	<5	<5	2.9	<1
E5512790 (4827770)	0.054	<1	1.6	<10	15	11.1	<10	<10	<5	0.27	<5	<5	147	<1
E5512791 (4827771)	0.008	<1	4.7	<10	8	22.5	<10	<10	7	0.13	<5	<5	51.6	<1
E5512792 (4827772)	0.014	<1	7.3	10	10	23.8	<10	<10	8	0.17	<5	<5	70.2	<1
E5512793 (4827773)	0.008	<1	2.7	<10	6	18.2	<10	<10	6	0.08	<5	<5	32.5	<1
E5512794 (4827774)	0.023	<1	6.6	<10	10	32.8	<10	<10	7	0.11	<5	<5	55.6	<1
E5512795 (4827775)	0.019	1	3.6	<10	6	21.6	<10	<10	<5	0.09	<5	<5	44.8	<1
E5512796 (4827776)	0.026	<1	3.6	<10	7	23.8	<10	<10	<5	0.08	<5	<5	42.3	<1
E5512797 (4827777)	0.013	<1	<0.5	<10	<5	7.0	<10	<10	<5	0.05	<5	<5	8.6	<1
E5512798 (4827778)	0.010	<1	<0.5	<10	<5	4.0	<10	<10	<5	0.03	<5	<5	9.3	<1
E5512799 (4827779)	0.010	<1	<0.5	<10	<5	4.6	<10	<10	<5	0.04	<5	<5	4.2	<1
E5512800 (4827780)	0.021	<1	0.5	<10	<5	5.3	<10	<10	<5	0.04	<5	<5	23.0	<1
E5512801 (4827781)	0.008	<1	<0.5	<10	<5	5.7	<10	<10	<5	0.02	<5	<5	9.7	<1
E5512802 (4827782)	0.007	<1	<0.5	<10	<5	6.5	<10	<10	<5	0.02	<5	<5	10.8	<1
E5512803 (4827783)	0.024	<1	1.6	<10	8	11.5	<10	<10	<5	0.12	<5	<5	51.9	<1
E5512804 (4827784)	0.132	<1	<0.5	<10	<5	41.0	<10	<10	<5	<0.01	<5	<5	6.2	<1
E5512805 (4827785)	0.016	1	3.8	<10	8	17.9	<10	<10	<5	0.13	<5	<5	48.7	<1
E5512806 (4827786)	0.013	<1	2.0	<10	<5	17.1	<10	<10	<5	0.06	<5	<5	29.0	<1
E5512807 (4827787)	0.055	<1	3.1	<10	6	32.6	<10	<10	<5	0.06	<5	<5	34.2	<1

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5512808 (4827788)	0.008	<1	2.0	<10	6	16.5	<10	<10	<5	0.08	<5	<5	26.4	<1	
E5512809 (4827789)	0.050	<1	1.2	<10	7	30.0	<10	<10	<5	0.08	<5	<5	39.5	<1	
E5512810 (4827790)	0.025	<1	<0.5	<10	<5	10.9	<10	<10	<5	<0.01	<5	<5	6.1	<1	
E5512811 (4827791)	0.063	<1	<0.5	<10	<5	9.7	<10	<10	<5	0.02	<5	<5	9.9	<1	
E5512812 (4827792)	0.027	<1	<0.5	<10	<5	15.9	<10	<10	<5	0.02	<5	<5	10.2	<1	
E5512813 (4827793)	0.024	<1	1.3	<10	6	13.0	<10	<10	<5	0.08	<5	<5	56.2	<1	
E5512814 (4827795)	0.022	<1	<0.5	<10	<5	13.6	<10	<10	<5	0.01	<5	<5	8.9	<1	
E5512815 (4827796)	0.011	<1	3.5	<10	6	16.6	<10	<10	<5	0.10	<5	<5	33.5	<1	
E5512816 (4827797)	0.017	<1	1.9	<10	5	13.7	<10	<10	<5	0.07	<5	<5	28.7	<1	
E5512817 (4827798)															
E5512818 (4827799)															
E5512819 (4827800)	0.282	<1	1.4	<10	17	127	<10	<10	<5	0.01	<5	13	12.8	<1	
E5512820 (4827801)	0.052	<1	8.6	<10	12	50.2	<10	<10	8	0.14	<5	<5	69.7	<1	
E5512821 (4827802)	0.156	2	0.7	<10	<5	46.8	<10	<10	<5	0.03	<5	<5	71.3	<1	
E5512822 (4827803)	0.007	<1	4.4	<10	8	23.7	<10	<10	7	0.12	<5	<5	45.6	<1	
E5512823 (4827804)	<0.005	<1	3.1	<10	<5	14.4	<10	<10	5	0.07	<5	<5	29.0	<1	
E5512824 (4827805)	0.017	<1	1.4	<10	<5	18.2	<10	<10	<5	0.04	<5	<5	27.1	<1	
E5512825 (4827806)	0.046	<1	<0.5	<10	<5	25.0	<10	<10	<5	0.02	<5	<5	14.7	<1	
E5512826 (4827807)															
E5512827 (4827808)	0.008	<1	2.8	<10	7	21.5	<10	<10	<5	0.10	<5	<5	35.3	<1	
E5512828 (4827809)	0.025	<1	3.2	<10	6	23.0	<10	<10	<5	0.08	<5	<5	38.7	<1	
E5512829 (4827810)	0.016	<1	2.0	<10	7	16.6	<10	<10	<5	0.09	<5	<5	37.7	<1	
E5512830 (4827811)	0.018	<1	6.2	<10	12	31.9	<10	<10	7	0.12	<5	<5	45.5	<1	
E5512831 (4827812)	0.059	<1	6.3	<10	10	47.9	<10	<10	7	0.12	<5	<5	50.1	<1	
E5512832 (4827813)	0.256	2	1.7	<10	13	94.3	<10	<10	<5	0.03	<5	<5	23.8	<1	
E5512833 (4827814)	0.015	<1	2.6	<10	6	18.6	<10	<10	<5	0.08	<5	<5	33.8	<1	
E5512834 (4827815)	0.007	<1	6.3	<10	8	22.1	<10	<10	8	0.11	<5	<5	51.7	<1	
E5512835 (4827816)	0.011	<1	3.0	<10	7	19.3	<10	<10	<5	0.09	<5	<5	37.8	<1	
E5512836 (4827817)	0.024	<1	2.4	<10	6	19.3	<10	<10	<5	0.07	<5	<5	43.8	<1	
E5512837 (4827818)	0.016	<1	3.1	<10	6	19.5	<10	<10	<5	0.09	<5	<5	46.0	<1	
E5512838 (4827819)	0.014	<1	1.1	<10	<5	8.7	<10	<10	<5	0.05	<5	<5	22.1	<1	
E5512839 (4827820)	0.006	<1	3.1	<10	7	17.6	<10	<10	5	0.09	<5	<5	33.8	<1	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013	DATE RECEIVED: Oct 11, 2013					DATE REPORTED: Oct 21, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5512840 (4827821)	0.017	<1	8.0	<10	14	33.9	<10	<10	9	0.19	<5	<5	74.0	<1	
E5512841 (4827822)	0.443	2	1.0	<10	19	119	<10	<10	<5	0.02	<5	<5	12.7	<1	
E5512842 (4827823)	0.021	<1	6.6	11	11	33.5	<10	<10	6	0.12	<5	<5	57.2	<1	
E5512843 (4827824)	0.038	<1	6.5	<10	18	31.7	<10	<10	6	0.11	<5	<5	41.6	<1	
E5512844 (4827825)															
E5512845 (4827826)	0.006	<1	1.7	<10	<5	12.8	<10	<10	<5	0.06	<5	<5	22.2	<1	
E5512846 (4827827)															
E5512847 (4827828)															
E5512848 (4827829)															
E5512849 (4827830)															
E5512850 (4827831)															
E5512851 (4827832)															
E5512852 (4827833)															
E5512853 (4827834)															
E5512854 (4827835)															
E5512855 (4827836)															
E5512856 (4827837)															
E5512857 (4827838)															
E5512858 (4827839)															
E5512859 (4827840)															
E5512860 (4827841)															
E5512861 (4827842)															
E5512862 (4827843)															
E5512863 (4827844)															
E5512864 (4827845)															
E5512865 (4827846)															
E5512866 (4827847)															
E5512867 (4827848)															
E5512868 (4827849)															
E5512869 (4827850)															
E5512870 (4827851)															
E5512871 (4827852)															

Certified By: \_\_\_\_\_



# Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
	Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
	RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5512872 (4827853)																
E5512873 (4827854)																
E5512874 (4827855)																
E5512875 (4827856)																
E5512876 (4827857)																
E5512877 (4827858)																

Certified By: \_\_\_\_\_



## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5514970 (4827660)		10	51.9	11
E5514971 (4827661)		9	49.0	9
E5514972 (4827662)		10	57.3	10
E5514973 (4827663)		10	57.1	11
E5514974 (4827664)		10	43.9	5
E5514975 (4827665)		10	45.9	<5
E5514976 (4827666)		11	46.2	5
E5514977 (4827667)		10	46.0	<5
E5514978 (4827668)		10	37.5	6
E5514979 (4827669)		9	34.1	<5
E5514980 (4827670)		9	34.8	<5
E5514981 (4827671)		10	35.4	14
E5514982 (4827672)		12	42.6	14
E5514983 (4827673)		9	29.2	<5
E5514984 (4827674)		13	41.1	<5
E5514985 (4827675)		4	20.5	<5
E5514986 (4827676)		6	28.8	<5
E5514987 (4827677)		6	29.2	<5
E5514988 (4827678)		11	36.9	11
E5514989 (4827679)		10	39.9	8
E5514990 (4827680)		11	61.7	5
E5514991 (4827681)		13	66.6	22
E5514992 (4827682)		7	37.7	<5
E5514993 (4827683)		8	41.1	5
E5514994 (4827684)		13	76.1	<5
E5514995 (4827685)		10	45.7	<5
E5514996 (4827686)		11	33.9	14
E5514997 (4827687)		10	37.5	<5
E5514998 (4827688)		4	28.3	<5
E5514999 (4827689)		7	48.9	<5
E5515000 (4827690)		9	37.8	<5
E5515001 (4827691)		11	33.8	11

Certified By: \_\_\_\_\_



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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5515002 (4827692)		9	30.7	<5
E5515003 (4827693)		3	32.0	<5
E5515004 (4827694)		6	121	<5
E5515005 (4827695)		13	66.8	7
E5515006 (4827696)		9	42.4	<5
E5515007 (4827697)		5	49.1	<5
E5515008 (4827698)		4	57.3	<5
E5515009 (4827699)		4	57.4	<5
E5515010 (4827700)		12	63.2	<5
E5515011 (4827701)		10	37.3	7
E5515012 (4827702)		10	36.0	7
E5515013 (4827703)		5	36.8	7
E5515014 (4827704)		5	20.6	<5
E5515015 (4827705)		4	20.1	<5
E5515016 (4827706)		12	73.0	<5
E5515017 (4827707)		9	59.3	10
E5515018 (4827708)		10	40.1	6
E5515019 (4827709)		2	20.2	<5
E5515020 (4827710)		10	71.3	<5
E5515021 (4827711)		4	46.0	<5
E5515022 (4827712)		4	76.0	<5
E5515023 (4827713)		6	27.7	<5
E5515024 (4827714)		11	33.1	8
E5515025 (4827715)		7	40.8	<5
E5515026 (4827716)		8	33.8	<5
E5515027 (4827717)		2	10.1	<5
E5515028 (4827718)		1	11.7	<5
E5515029 (4827719)		4	9.5	<5
E5515030 (4827720)		<1	2.9	<5
E5515031 (4827721)		<1	8.5	<5
E5515032 (4827722)		8	24.6	<5
E5515033 (4827723)		5	39.6	5

Certified By: \_\_\_\_\_





## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5515034 (4827724)		4	47.1	<5
E5515035 (4827725)		4	41.7	<5
E5515036 (4827726)		4	18.9	<5
E5515037 (4827727)		8	38.5	<5
E5515038 (4827728)		10	49.2	<5
E5515039 (4827729)		<1	3.1	<5
E5515040 (4827730)		<1	67.8	<5
E5515041 (4827731)		4	8.9	<5
E5515042 (4827732)		3	31.5	<5
E5515043 (4827733)		1	11.0	<5
E5515044 (4827734)		5	14.9	<5
E5515045 (4827735)		4	46.5	<5
E5515046 (4827736)		7	51.1	16
E5515047 (4827737)		5	38.5	<5
E5515048 (4827738)		5	43.5	<5
E5515049 (4827739)		9	87.8	<5
E5515050 (4827740)		10	35.3	18
E5515051 (4827741)		3	7.2	<5
E5515052 (4827742)		<1	31.6	<5
E5515053 (4827743)		4	22.1	<5
E5515054 (4827744)		4	10.1	<5
E5515055 (4827745)		1	7.8	<5
E5515056 (4827746)		1	6.4	<5
E5515057 (4827747)		3	59.2	<5
E5515058 (4827748)		10	36.9	<5
E5515059 (4827749)		4	54.4	<5
E5512770 (4827750)		4	64.4	<5
E5512771 (4827751)		11	53.6	<5
E5512772 (4827752)		9	39.8	<5
E5512773 (4827753)		2	6.1	<5
E5512774 (4827754)		<1	3.0	<5
E5512775 (4827755)		<1	2.2	<5

Certified By: \_\_\_\_\_



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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5512776 (4827756)		<1	4.9	<5
E5512777 (4827757)		<1	29.4	<5
E5512778 (4827758)		4	45.5	<5
E5512779 (4827759)		3	25.9	<5
E5512780 (4827760)		6	59.0	8
E5512781 (4827761)		7	56.9	10
E5512782 (4827762)		8	39.2	8
E5512783 (4827763)		7	29.9	<5
E5512784 (4827764)		8	32.2	<5
E5512785 (4827765)		1	1.8	<5
E5512786 (4827766)		<1	1.6	<5
E5512787 (4827767)		<1	1.9	<5
E5512788 (4827768)		2	8.6	<5
E5512789 (4827769)		<1	4.0	<5
E5512790 (4827770)		2	18.2	<5
E5512791 (4827771)		5	40.9	<5
E5512792 (4827772)		4	72.0	8
E5512793 (4827773)		6	28.1	<5
E5512794 (4827774)		15	68.9	5
E5512795 (4827775)		8	44.3	<5
E5512796 (4827776)		8	50.9	<5
E5512797 (4827777)		<1	3.3	<5
E5512798 (4827778)		<1	2.4	<5
E5512799 (4827779)		<1	1.7	<5
E5512800 (4827780)		1	4.9	<5
E5512801 (4827781)		<1	4.0	<5
E5512802 (4827782)		<1	4.1	<5
E5512803 (4827783)		2	18.7	<5
E5512804 (4827784)		<1	114	<5
E5512805 (4827785)		4	39.0	<5
E5512806 (4827786)		4	20.5	<5
E5512807 (4827787)		8	25.1	<5

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5512808 (4827788)		5	16.4	<5
E5512809 (4827789)		2	67.7	<5
E5512810 (4827790)		1	18.3	<5
E5512811 (4827791)		2	5.7	<5
E5512812 (4827792)		1	16.8	<5
E5512813 (4827793)		2	13.8	<5
E5512814 (4827795)		1	16.0	<5
E5512815 (4827796)		4	24.9	<5
E5512816 (4827797)		3	18.1	<5
E5512817 (4827798)				
E5512818 (4827799)				
E5512819 (4827800)		9	8.9	<5
E5512820 (4827801)		13	63.5	12
E5512821 (4827802)		4	37.4	<5
E5512822 (4827803)		4	33.1	<5
E5512823 (4827804)		5	15.8	5
E5512824 (4827805)		2	27.3	<5
E5512825 (4827806)		2	25.7	<5
E5512826 (4827807)				
E5512827 (4827808)		4	23.0	<5
E5512828 (4827809)		7	37.1	<5
E5512829 (4827810)		3	34.7	<5
E5512830 (4827811)		10	34.3	13
E5512831 (4827812)		11	54.1	9
E5512832 (4827813)		8	21.1	<5
E5512833 (4827814)		4	31.7	<5
E5512834 (4827815)		6	44.4	10
E5512835 (4827816)		4	33.2	<5
E5512836 (4827817)		2	80.1	<5
E5512837 (4827818)		4	38.9	<5
E5512838 (4827819)		2	10.3	<5
E5512839 (4827820)		5	20.3	<5

Certified By: \_\_\_\_\_



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013      DATE RECEIVED: Oct 11, 2013      DATE REPORTED: Oct 21, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	RDL:	1	0.5	5
E5512840 (4827821)		6	64.1	7
E5512841 (4827822)		2	49.6	<5
E5512842 (4827823)		13	66.8	<5
E5512843 (4827824)		8	33.1	15
E5512844 (4827825)				
E5512845 (4827826)		3	22.2	<5
E5512846 (4827827)				
E5512847 (4827828)				
E5512848 (4827829)				
E5512849 (4827830)				
E5512850 (4827831)				
E5512851 (4827832)				
E5512852 (4827833)				
E5512853 (4827834)				
E5512854 (4827835)				
E5512855 (4827836)				
E5512856 (4827837)				
E5512857 (4827838)				
E5512858 (4827839)				
E5512859 (4827840)				
E5512860 (4827841)				
E5512861 (4827842)				
E5512862 (4827843)				
E5512863 (4827844)				
E5512864 (4827845)				
E5512865 (4827846)				
E5512866 (4827847)				
E5512867 (4827848)				
E5512868 (4827849)				
E5512869 (4827850)				
E5512870 (4827851)				
E5512871 (4827852)				

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	RDL:	1	0.5	5
E5512872 (4827853)				
E5512873 (4827854)				
E5512874 (4827855)				
E5512875 (4827856)				
E5512876 (4827857)				
E5512877 (4827858)				

Comments: RDL - Reported Detection Limit

Certified By: \_\_\_\_\_



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5514970 (4827660)		0.81	0.002
E5514971 (4827661)		0.63	0.003
E5514972 (4827662)		0.72	0.003
E5514973 (4827663)		0.66	0.003
E5514974 (4827664)		0.61	0.007
E5514975 (4827665)		0.70	0.003
E5514976 (4827666)		0.59	0.003
E5514977 (4827667)		0.68	0.002
E5514978 (4827668)		0.54	0.005
E5514979 (4827669)		0.73	0.003
E5514980 (4827670)		0.63	0.003
E5514981 (4827671)		0.80	0.002
E5514982 (4827672)		0.66	0.002
E5514983 (4827673)		0.57	0.001
E5514984 (4827674)		0.81	0.003
E5514985 (4827675)		0.48	0.002
E5514986 (4827676)		0.51	0.004
E5514987 (4827677)		0.54	0.004
E5514988 (4827678)		0.76	0.002
E5514989 (4827679)		0.77	0.005
E5514990 (4827680)		0.57	0.003
E5514991 (4827681)		0.83	0.002
E5514992 (4827682)		0.45	0.006
E5514993 (4827683)		0.66	0.003
E5514994 (4827684)		0.48	0.009
E5514995 (4827685)		0.63	0.008
E5514996 (4827686)		0.59	0.002
E5514997 (4827687)		0.62	0.012
E5514998 (4827688)		0.47	0.010
E5514999 (4827689)		0.62	0.003
E5515000 (4827690)		0.65	0.004

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5515001 (4827691)		0.72	0.003
E5515002 (4827692)		0.55	0.005
E5515003 (4827693)		0.49	0.003
E5515004 (4827694)		0.49	0.002
E5515005 (4827695)		0.47	0.008
E5515006 (4827696)		0.56	0.010
E5515007 (4827697)		0.49	0.002
E5515008 (4827698)		0.49	0.003
E5515009 (4827699)		0.47	0.002
E5515010 (4827700)		0.60	0.003
E5515011 (4827701)		0.59	0.002
E5515012 (4827702)		0.57	0.003
E5515013 (4827703)		0.54	0.004
E5515014 (4827704)		0.55	0.002
E5515015 (4827705)		0.70	0.003
E5515016 (4827706)		0.46	0.003
E5515017 (4827707)		0.52	0.002
E5515018 (4827708)		0.58	0.003
E5515019 (4827709)		0.35	0.005
E5515020 (4827710)		0.52	0.003
E5515021 (4827711)		0.50	0.001
E5515022 (4827712)		0.53	0.002
E5515023 (4827713)		0.64	0.004
E5515024 (4827714)		0.73	0.003
E5515025 (4827715)		0.54	0.003
E5515026 (4827716)		0.52	0.006
E5515027 (4827717)		0.48	0.016
E5515028 (4827718)		0.49	0.008
E5515029 (4827719)		0.75	0.019
E5515030 (4827720)		0.46	0.008
E5515031 (4827721)		0.28	0.009

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

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SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5515032 (4827722)		0.85	0.002
E5515033 (4827723)		0.50	0.002
E5515034 (4827724)		0.43	0.007
E5515035 (4827725)		0.45	0.002
E5515036 (4827726)		0.71	0.003
E5515037 (4827727)		0.72	0.002
E5515038 (4827728)		0.46	0.003
E5515039 (4827729)		0.43	0.017
E5515040 (4827730)		0.25	0.002
E5515041 (4827731)		0.58	0.009
E5515042 (4827732)		0.62	0.115
E5515043 (4827733)		0.46	0.009
E5515044 (4827734)		0.64	0.026
E5515045 (4827735)		0.41	0.005
E5515046 (4827736)		0.58	0.003
E5515047 (4827737)		0.70	0.001
E5515048 (4827738)		0.54	0.001
E5515049 (4827739)		0.44	0.003
E5515050 (4827740)		0.63	0.015
E5515051 (4827741)		0.71	0.002
E5515052 (4827742)		0.20	0.006
E5515053 (4827743)		1.08	0.003
E5515054 (4827744)		0.59	0.002
E5515055 (4827745)		0.63	0.011
E5515056 (4827746)		0.56	0.023
E5515057 (4827747)		0.55	0.005
E5515058 (4827748)		0.45	0.004
E5515059 (4827749)		0.46	0.002
E5512770 (4827750)		0.59	0.014
E5512771 (4827751)		0.65	0.032
E5512772 (4827752)		0.56	0.001

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SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5512773 (4827753)		0.75	0.002
E5512774 (4827754)		0.51	0.026
E5512775 (4827755)		0.38	0.189
E5512776 (4827756)		0.59	0.015
E5512777 (4827757)		0.19	0.037
E5512778 (4827758)		0.48	0.019
E5512779 (4827759)		0.44	0.023
E5512780 (4827760)		0.43	0.004
E5512781 (4827761)		0.55	0.002
E5512782 (4827762)		0.47	0.002
E5512783 (4827763)		0.55	0.023
E5512784 (4827764)		0.68	0.002
E5512785 (4827765)		0.67	0.002
E5512786 (4827766)		0.53	0.002
E5512787 (4827767)		0.56	0.002
E5512788 (4827768)		0.78	0.008
E5512789 (4827769)		0.33	0.005
E5512790 (4827770)		0.50	0.006
E5512791 (4827771)		0.47	<0.001
E5512792 (4827772)		0.55	0.011
E5512793 (4827773)		0.58	0.013
E5512794 (4827774)		0.56	0.002
E5512795 (4827775)		0.67	0.006
E5512796 (4827776)		0.56	0.002
E5512797 (4827777)		0.48	0.002
E5512798 (4827778)		0.46	0.017
E5512799 (4827779)		0.59	0.007
E5512800 (4827780)		0.60	0.012
E5512801 (4827781)		0.29	0.006
E5512802 (4827782)		0.28	0.015
E5512803 (4827783)		0.56	0.002

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SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5512804 (4827784)		0.16	0.010
E5512805 (4827785)		0.61	0.004
E5512806 (4827786)		0.49	0.025
E5512807 (4827787)		0.56	0.014
E5512808 (4827788)		0.78	0.016
E5512809 (4827789)		0.21	0.006
E5512810 (4827790)		0.35	0.009
E5512811 (4827791)		0.45	0.017
E5512812 (4827792)		0.26	0.033
E5512813 (4827793)		0.31	0.006
E5512814 (4827795)		0.32	0.040
E5512815 (4827796)		0.55	0.028
E5512816 (4827797)		0.43	0.001
E5512817 (4827798)		0.48	0.001
E5512818 (4827799)		0.62	0.002
E5512819 (4827800)		0.36	0.052
E5512820 (4827801)		0.63	0.004
E5512821 (4827802)		0.40	0.006
E5512822 (4827803)		0.62	0.001
E5512823 (4827804)		0.72	0.001
E5512824 (4827805)		0.25	0.014
E5512825 (4827806)		0.23	0.005
E5512826 (4827807)		0.23	0.030
E5512827 (4827808)		0.57	0.002
E5512828 (4827809)		0.76	0.001
E5512829 (4827810)		0.41	0.032
E5512830 (4827811)		0.81	0.003
E5512831 (4827812)		0.51	0.002
E5512832 (4827813)		0.43	0.001
E5512833 (4827814)		0.53	0.009
E5512834 (4827815)		0.66	0.003

Certified By: \_\_\_\_\_



## Certificate of Analysis

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DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5512835 (4827816)		0.55	0.002
E5512836 (4827817)		0.38	0.011
E5512837 (4827818)		0.56	0.021
E5512838 (4827819)		0.60	0.002
E5512839 (4827820)		0.47	0.003
E5512840 (4827821)		0.46	0.001
E5512841 (4827822)		0.40	0.005
E5512842 (4827823)		0.50	0.002
E5512843 (4827824)		0.44	0.002
E5512844 (4827825)		0.38	0.003
E5512845 (4827826)		0.60	<0.001
E5512846 (4827827)		0.51	0.002
E5512847 (4827828)		0.51	0.012
E5512848 (4827829)		0.58	0.002
E5512849 (4827830)		0.56	0.010
E5512850 (4827831)		0.51	0.002
E5512851 (4827832)		0.44	0.008
E5512852 (4827833)		0.54	0.002
E5512853 (4827834)		0.46	0.004
E5512854 (4827835)		0.34	0.002
E5512855 (4827836)		0.43	<0.001
E5512856 (4827837)		0.54	0.002
E5512857 (4827838)		0.57	0.002
E5512858 (4827839)		0.55	0.002
E5512859 (4827840)		0.49	0.001
E5512860 (4827841)		0.60	0.002
E5512861 (4827842)		0.43	0.003
E5512862 (4827843)		0.37	0.004
E5512863 (4827844)		0.33	0.009
E5512864 (4827845)		0.43	0.018
E5512865 (4827846)		0.41	0.001

Certified By: \_\_\_\_\_



## Certificate of Analysis

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 11, 2013

DATE RECEIVED: Oct 11, 2013

DATE REPORTED: Oct 21, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5512866 (4827847)		0.39	0.012
E5512867 (4827848)		0.42	0.008
E5512868 (4827849)		0.43	0.005
E5512869 (4827850)		0.37	0.003
E5512870 (4827851)		0.38	0.006
E5512871 (4827852)		0.39	0.003
E5512872 (4827853)		0.45	0.023
E5512873 (4827854)		0.35	1.91
E5512874 (4827855)		0.43	0.007
E5512875 (4827856)		0.35	0.157
E5512876 (4827857)		0.41	0.015
E5512877 (4827858)		0.28	0.001

Comments: RDL - Reported Detection Limit

Certified By: \_\_\_\_\_



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	4827660	< 0.2	< 0.2	0.0%	4827680	< 0.2	< 0.2	0.0%	4827699	< 0.2	< 0.2	0.0%	4827715	< 0.2	< 0.2	0.0%
Al	4827660	1.76	1.72	2.3%	4827680	2.18	2.07	5.2%	4827785	2.01	2.02	0.5%	4827715	1.23	1.22	0.8%
As	4827660	4	3	28.6%	4827680	4	3	28.6%	4827699	2	2	0.0%	4827715	1	1	0.0%
B	4827660	12	13	8.0%	4827680	13	12	8.0%	4827785	6	7	15.4%	4827715	5	5	0.0%
Ba	4827660	96	94	2.1%	4827680	113	107	5.5%	4827699	93	75	21.4%	4827715	64	63	1.6%
Be	4827660	0.9	0.9	0.0%	4827680	1.05	1.04	1.0%	4827699	0.83	0.64	25.9%	4827715	0.55	0.53	3.7%
Bi	4827660	< 1	< 1	0.0%	4827680	< 1	< 1	0.0%	4827699	< 1	< 1	0.0%	4827715	< 1	< 1	0.0%
Ca	4827660	0.83	0.81	2.4%	4827680	0.795	0.742	6.9%	4827785	0.276	0.274	0.7%	4827715	0.65	0.65	0.0%
Cd	4827660	< 0.5	< 0.5	0.0%	4827680	< 0.5	< 0.5	0.0%	4827699	< 0.5	< 0.5	0.0%	4827715	< 0.5	< 0.5	0.0%
Ce	4827660	56	55	1.8%	4827680	56	54	3.6%	4827699	38	41	7.6%	4827715	36	36	0.0%
Co	4827660	14.4	14.3	0.7%	4827680	14.7	14.3	2.8%	4827785	11.6	12.4	6.7%	4827715	8.4	8.5	1.2%
Cr	4827660	53.9	54.4	0.9%	4827680	56.9	55.8	2.0%	4827699	59.4	52.3	12.7%	4827715	40.8	41.0	0.5%
Cu	4827660	15.0	14.5	3.4%	4827680	19.0	18.1	4.9%	4827785	14.1	14.2	0.7%	4827715	10.8	10.7	0.9%
Fe	4827660	2.26	2.21	2.2%	4827680	2.95	2.83	4.2%	4827785	2.44	2.46	0.8%	4827715	1.46	1.45	0.7%
Ga	4827660	10	8	22.2%	4827680	9	11	20.0%	4827699	10	8	22.2%	4827715	6	5	18.2%
Hg	4827660	< 1	< 1	0.0%	4827680	< 1	< 1	0.0%	4827699	< 1	< 1	0.0%	4827715	< 1	< 1	0.0%
In	4827756	1	2		4827777	< 1	< 1	0.0%	4827785	2	2	0.0%	4827806	3	3	0.0%
K	4827660	0.23	0.23	0.0%	4827680	0.27	0.26	3.8%	4827785	0.15	0.15	0.0%	4827715	0.10	0.10	0.0%
La	4827660	23	23	0.0%	4827680	27	26	3.8%	4827785	11	11	0.0%	4827715	17	18	5.7%
Li	4827660	28	27	3.6%	4827680	32	30	6.5%	4827785	26	27	3.8%	4827715	17	16	6.1%
Mg	4827660	0.84	0.82	2.4%	4827680	0.937	0.891	5.0%	4827699	0.90	0.70	25.0%	4827715	0.50	0.50	0.0%
Mn	4827660	343	342	0.3%	4827680	683	664	2.8%	4827785	281	295	4.9%	4827715	240	241	0.4%
Mo	4827756	< 0.5	< 0.5	0.0%	4827680	0.5	0.6	18.2%	4827699	0.5	0.5	0.0%	4827715	1.58	1.22	25.7%
Na	4827660	0.02	0.02	0.0%	4827680	0.02	0.02	0.0%	4827699	0.02	0.02	0.0%	4827715	0.02	0.02	0.0%
Ni	4827660	29.8	29.2	2.0%	4827680	30.6	30.1	1.6%	4827699	31.6	27.8	12.8%	4827715	20.6	20.8	1.0%
P	4827660	579	566	2.3%	4827680	760	760	0.0%	4827785	319	330	3.4%	4827715	674	683	1.3%
Pb	4827660	16.2	16.8	3.6%	4827680	18.3	17.5	4.5%	4827785	15.5	14.4	7.4%	4827715	10.4	10.9	4.7%
Rb	4827660	50	50	0.0%	4827680	58	55	5.3%	4827699	68	51	28.6%	4827715	25	25	0.0%
S	4827660	0.0191	0.0181	5.4%	4827680	0.0397	0.0370	7.0%	4827785	0.016	0.016	0.0%	4827715	0.0296	0.0284	4.1%
Sb	4827660	< 1	< 1	0.0%	4827777	< 1	< 1	0.0%	4827699	< 1	< 1	0.0%	4827715	< 1	< 1	0.0%
Sc	4827660	6.71	6.89	2.6%	4827680	6.51	6.21	4.7%	4827699	5.3	4.6	14.1%	4827715	4.1	4.1	0.0%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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Se	4827660	< 10	< 10	0.0%	4827680	< 10	< 10	0.0%	4827699	< 10	< 10	0.0%	4827715	< 10	< 10	0.0%
Sn	4827660	10	11	9.5%	4827680	10	9	10.5%	4827699	10	8	22.2%	4827715	8	7	13.3%
Sr	4827660	33.4	32.6	2.4%	4827680	29.9	30.6	2.3%	4827699	22.0	24.9	12.4%	4827715	23.1	24.4	5.5%
Ta	4827660	< 10	< 10	0.0%	4827680	< 10	< 10	0.0%	4827699	< 10	< 10	0.0%	4827715	< 10	< 10	0.0%
Te	4827660	< 10	< 10	0.0%	4827680	< 10	< 10	0.0%	4827699	< 10	< 10	0.0%	4827715	< 10	< 10	0.0%
Th	4827660	6	8	28.6%	4827680	7	8	13.3%	4827785	5	6	18.2%	4827715	5	5	0.0%
Ti	4827660	0.12	0.12	0.0%	4827680	0.113	0.103	9.3%	4827699	0.13	0.10	26.1%	4827715	0.08	0.08	0.0%
Tl	4827660	< 5	< 5	0.0%	4827680	< 5	< 5	0.0%	4827699	< 5	< 5	0.0%	4827715	< 5	< 5	0.0%
U	4827660	< 5	< 5	0.0%	4827680	< 5	< 5	0.0%	4827699	< 5	< 5	0.0%	4827715	< 5	< 5	0.0%
V	4827660	56.5	56.7	0.4%	4827680	60.5	58.9	2.7%	4827699	60.2	46.2	26.3%	4827715	38.5	38.3	0.5%
W	4827660	< 1	< 1	0.0%	4827680	< 1	< 1	0.0%	4827699	< 1	< 1	0.0%	4827715	< 1	< 1	0.0%
Y	4827660	10	10	0.0%	4827680	11	11	0.0%	4827785	4	4	0.0%	4827715	7	7	0.0%
Zn	4827660	51.9	50.4	2.9%	4827680	61.7	58.2	5.8%	4827699	57.4	46.0	22.1%	4827715	40.8	39.9	2.2%
Zr	4827660	11	11	0.0%	4827680	5	4	22.2%	4827699	< 5	< 5	0.0%	4827715	< 5	< 5	0.0%

REPLICATE #5

Parameter	Sample ID	Original	Replicate	RPD												
Ag	4827735	< 0.2	< 0.2	0.0%												
Al	4827735	2.16	2.18	0.9%												
As	4827735	< 1	< 1	0.0%												
B	4827735	6	< 5													
Ba	4827735	90	90	0.0%												
Be	4827735	0.71	0.61	15.2%												
Bi	4827735	< 1	< 1	0.0%												
Ca	4827735	0.368	0.385	4.5%												
Cd	4827735	< 0.5	< 0.5	0.0%												
Ce	4827735	30	30	0.0%												
Co	4827735	13.8	13.2	4.4%												
Cr	4827735	64.3	64.2	0.2%												
Cu	4827735	12.3	12.1	1.6%												
Fe	4827735	2.22	2.21	0.5%												
Ga	4827735	9	10	10.5%												
Hg	4827735	< 1	< 1	0.0%												
In	4827735	6	5	18.2%												
K	4827735	0.19	0.19	0.0%												



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La	4827735	13	13	0.0%												
Li	4827735	27	27	0.0%												
Mg	4827735	0.88	0.88	0.0%												
Mn	4827735	492	481	2.3%												
Mo	4827735	0.6	0.6	0.0%												
Na	4827735	0.02	0.02	0.0%												
Ni	4827735	32.3	31.5	2.5%												
P	4827735	307	301	2.0%												
Pb	4827735	15.4	14.9	3.3%												
Rb	4827735	66	64	3.1%												
S	4827735	0.0121	0.0111	8.6%												
Sb	4827735	< 1	< 1	0.0%												
Sc	4827735	5.4	5.4	0.0%												
Se	4827735	< 10	< 10	0.0%												
Sn	4827735	10	11	9.5%												
Sr	4827735	25.4	25.4	0.0%												
Ta	4827735	< 10	< 10	0.0%												
Te	4827735	< 10	< 10	0.0%												
Th	4827735	7	6	15.4%												
Ti	4827735	0.15	0.15	0.0%												
Tl	4827735	< 5	< 5	0.0%												
U	4827735	< 5	< 5	0.0%												
V	4827735	53.8	53.4	0.7%												
W	4827735	< 1	< 1	0.0%												
Y	4827735	4	4	0.0%												
Zn	4827735	46.5	45.8	1.5%												
Zr	4827735	< 5	< 5	0.0%												

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4827801	0.004	0.003	28.6%	4827673	0.001	0.001	0.0%	4827826	< 0.001	0.005		4827836	< 0.001	0.001	
Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4827840	0.001	0.001	0.0%	4827849	0.005	0.001		4827735	0.005	0.059		4827748	0.004	0.003	28.6%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Parameter	REPLICATE #9				REPLICATE #10				REPLICATE #11							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	4827760	0.004	0.019		4827772	0.011	0.005		4827785	0.004	0.007					





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	176	96%	90% - 110%	184	175	95%	90% - 110%	184	165	90%	90% - 110%	184	167	91%	90% - 110%
Cu	3494	3366	96%	90% - 110%	3494	3319	95%	90% - 110%	3494	3258	93%	90% - 110%	3494	3214	92%	90% - 110%
Ni	2985	2725	91%	90% - 110%	2985	2696	90%	90% - 110%	2985	2552	85%	90% - 110%	2985	2585	87%	90% - 110%
Parameter	CRM #5 (CFRM-100)				CRM #6 (CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	184	172	94%	90% - 110%	184	174	95%	90% - 110%								
Cu	3494	3335	95%	90% - 110%	3494	3306	95%	90% - 110%								
Ni	2985	2671	89%	90% - 110%	2985	2693	90%	90% - 110%								

### Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	CRM #1 (GS7E)				CRM #2 (1P5F)				CRM #3 (GS7E)				CRM #4 (CM14)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	7.4	7.2	97%	90% - 110%	1.40	1.39	100%	90% - 110%	7.4	7.1	96%	90% - 110%	0.792	0.844	107%	90% - 110%
Parameter	CRM #5 (1P5F)				CRM #6 (GS7E)				CRM #7 (CM14)				CRM #8 (1P5F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.40	1.42	102%	90% - 110%	7.4	7.4	100%	90% - 110%	0.792	0.815	103%	90% - 110%	1.40	1.34	96%	90% - 110%



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U769326

PROJECT NO: Soil Sampling Project

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: Soil Sampling Project

AGAT WORK ORDER: 13U773459

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Nov 06, 2013

PAGES (INCLUDING COVER): 25

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U773459  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013

DATE RECEIVED: Oct 22, 2013

DATE REPORTED: Nov 06, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5512929 (4870003)		<0.2	2.22	16	6	72	<0.5	<1	0.40	<0.5	14	23.5	64.6	71.7	5.18
E5512930 (4870004)		<0.2	0.26	8	<5	51	<0.5	<1	1.51	<0.5	3	1.8	4.6	15.7	0.30
E5512931 (4870005)		<0.2	1.74	6	8	64	0.6	<1	2.38	<0.5	46	10.1	58.6	19.6	1.98
E5512932 (4870006)		<0.2	4.19	11	17	173	1.7	<1	0.59	<0.5	82	21.3	88.9	43.2	4.38
E5512933 (4870007)		<0.2	3.87	8	15	184	1.5	<1	0.79	<0.5	92	20.3	97.5	38.8	4.06
E5512934 (4870008)		<0.2	1.31	5	<5	54	<0.5	<1	0.37	<0.5	32	7.2	36.3	8.3	1.46
E5512935 (4870009)		<0.2	3.37	11	20	167	1.1	<1	3.54	<0.5	74	19.3	88.8	39.7	3.64
E5512936 (4870010)		<0.2	2.94	5	12	129	1.0	<1	1.13	<0.5	52	15.3	79.6	24.2	3.13
E5512937 (4870011)		<0.2	1.34	6	<5	50	<0.5	<1	0.32	<0.5	27	6.5	44.5	14.2	1.27
E5512938 (4870012)		<0.2	2.43	6	14	108	0.8	<1	2.76	<0.5	51	12.6	61.8	25.1	2.67
E5512939 (4870013)		<0.2	2.03	11	13	87	0.6	<1	4.89	<0.5	48	11.9	57.1	22.9	2.33
E5512940 (4870014)		<0.2	3.79	3	15	123	1.2	<1	0.50	<0.5	54	21.1	85.5	27.8	4.04
E5512941 (4870015)		<0.2	2.70	5	12	137	1.0	<1	0.59	<0.5	58	15.6	65.8	22.1	2.98
E5512942 (4870016)		<0.2	1.32	12	<5	40	<0.5	<1	0.31	<0.5	31	15.9	37.5	17.4	1.57
E5512943 (4870017)		<0.2	3.60	3	11	170	1.3	<1	0.81	<0.5	76	19.9	92.0	25.7	3.64
E5512944 (4870018)		<0.2	3.21	2	11	105	0.9	<1	0.45	<0.5	49	12.4	72.6	20.9	3.49
E5512945 (4870019)		<0.2	3.78	9	20	174	1.6	<1	0.74	<0.5	77	18.6	86.9	35.2	4.02
E5512946 (4870020)		<0.2	4.28	7	22	210	1.6	<1	0.91	<0.5	83	20.7	103	40.3	4.46
E5512947 (4870021)		<0.2	4.52	9	19	173	1.7	<1	0.59	<0.5	74	21.6	93.5	36.7	4.49
E5512948 (4870022)		<0.2	4.52	5	15	189	1.4	<1	0.71	<0.5	73	24.6	104	32.2	4.22
E5512949 (4870023)		<0.2	4.68	5	16	171	1.2	<1	0.61	<0.5	50	14.5	101	40.2	4.44
E5512950 (4870024)		<0.2	4.71	6	20	247	1.6	<1	0.98	<0.5	80	22.0	112	41.7	4.65
E5512951 (4870025)		<0.2	3.20	8	11	126	1.0	<1	0.64	<0.5	58	17.0	84.2	23.6	3.21
E5512952 (4870026)		<0.2	2.99	4	12	110	1.1	<1	0.53	<0.5	59	14.9	66.9	22.6	3.14
E5512953 (4870027)		<0.2	4.71	8	24	222	1.8	<1	0.87	<0.5	86	24.1	101	41.9	4.81
E5512954 (4870028)		<0.2	4.04	9	16	122	1.3	<1	0.64	<0.5	55	20.9	87.4	24.3	4.40
E5512955 (4870029)		<0.2	4.58	9	24	231	1.7	<1	0.94	<0.5	88	23.8	97.9	37.1	4.77
E5512956 (4870030)		<0.2	4.09	7	14	187	1.3	<1	0.88	<0.5	66	21.3	96.1	24.8	4.14
E5512957 (4870031)		<0.2	4.01	5	16	190	1.3	<1	0.84	<0.5	71	21.3	100	29.6	3.97
E5512958 (4870032)		<0.2	2.77	5	12	110	1.0	<1	1.19	<0.5	68	16.4	82.3	28.4	2.89
E5512959 (4870033)		<0.2	4.49	4	18	214	1.5	<1	0.86	<0.5	70	19.7	101	31.4	4.15
E5512960 (4870034)		<0.2	4.43	8	21	210	1.5	<1	0.88	<0.5	72	20.8	101	28.2	4.31

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U773459  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013					DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5512961 (4870035)	<0.2	4.50	7	21	237	1.6	<1	0.96	<0.5	81	22.3	109	34.8	4.55	
E5512962 (4870036)	<0.2	4.47	7	16	204	1.6	<1	0.89	<0.5	76	22.4	106	35.1	4.34	
E5512963 (4870037)	<0.2	4.32	6	14	157	1.3	<1	0.81	<0.5	51	16.7	103	24.6	4.21	
E5512964 (4870038)	<0.2	5.00	9	18	209	1.2	<1	0.96	<0.5	43	12.6	96.0	30.5	4.00	
E5512965 (4870039)	<0.2	4.09	9	13	166	1.3	<1	0.82	<0.5	60	20.5	99.1	26.3	4.15	
E5512966 (4870040)	<0.2	3.64	9	14	183	1.2	<1	1.03	<0.5	70	20.3	92.9	26.2	4.24	
E5512967 (4870041)	<0.2	3.74	18	13	178	1.1	<1	1.19	<0.5	67	24.9	91.2	28.8	3.53	
E5512968 (4870042)	<0.2	3.72	11	12	187	1.1	<1	0.99	<0.5	69	18.9	93.8	24.7	3.81	
E5512969 (4870043)	<0.2	3.93	4	13	166	1.1	<1	0.85	<0.5	51	18.0	99.0	24.6	3.87	
E5512970 (4870044)	<0.2	4.16	9	13	172	1.3	<1	0.91	<0.5	56	16.2	99.0	29.2	3.91	
E5512971 (4870045)	<0.2	4.49	1	18	187	1.3	<1	0.85	<0.5	52	14.4	113	27.3	4.21	
E5512972 (4870046)	<0.2	3.93	6	14	163	1.1	<1	0.84	<0.5	44	15.2	103	30.2	3.84	
E5512973 (4870047)	<0.2	3.73	5	12	173	1.3	<1	0.86	<0.5	67	18.7	97.3	31.1	4.11	
E5512974 (4870048)	<0.2	4.18	8	15	189	1.4	<1	0.84	<0.5	66	13.6	99.2	28.0	4.21	
E5512975 (4870049)	<0.2	3.29	5	12	175	1.0	<1	1.37	<0.5	62	15.6	85.3	20.0	3.35	
E5512976 (4870050)	<0.2	0.28	3	<5	38	<0.5	<1	0.71	<0.5	5	1.0	6.2	6.9	0.21	
E5512977 (4870051)	<0.2	3.48	8	15	210	1.2	<1	0.95	<0.5	81	24.5	97.4	28.2	4.27	
E5512978 (4870053)	<0.2	3.41	7	18	198	1.2	<1	1.69	<0.5	73	21.2	97.1	29.7	4.11	
E5512979 (4870054)	<0.2	0.15	5	<5	47	<0.5	<1	1.79	<0.5	2	<0.5	2.0	4.4	0.23	
E5512980 (4870055)	<0.2	0.19	7	7	46	<0.5	<1	2.88	<0.5	2	0.8	2.8	4.6	0.32	
E5512981 (4870056)	<0.2	0.27	4	7	39	<0.5	<1	2.55	<0.5	4	1.1	5.0	5.9	0.36	
E5512982 (4870057)	<0.2	0.16	6	<5	46	<0.5	<1	1.71	<0.5	3	1.4	7.5	9.5	0.22	
E5512983 (4870058)	<0.2	0.26	4	7	46	<0.5	<1	2.75	0.5	4	0.9	6.9	6.3	0.31	
E5512984 (4870059)	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	
E5512985 (4870060)	<0.2	0.22	4	<5	29	<0.5	<1	0.64	<0.5	3	0.5	4.5	6.2	0.18	
E5512986 (4870061)	<0.2	0.16	3	<5	16	<0.5	<1	0.51	<0.5	2	<0.5	2.5	4.2	0.10	
E5512987 (4870062)	<0.2	0.82	5	<5	50	<0.5	<1	0.96	<0.5	18	5.4	27.9	13.1	0.91	
E5512988 (4870063)	<0.2	0.15	1	<5	17	<0.5	<1	0.58	<0.5	1	<0.5	2.3	4.5	0.13	
E5512989 (4870064)	<0.2	0.24	2	<5	39	<0.5	<1	0.74	<0.5	4	0.7	4.3	5.9	0.15	
E5512990 (4870065)	<0.2	0.20	2	<5	58	<0.5	<1	0.70	<0.5	4	0.8	3.3	7.5	0.38	
E5512991 (4870066)	<0.2	0.14	1	<5	24	<0.5	<1	0.23	<0.5	2	<0.5	1.7	3.6	0.03	
E5512992 (4870067)	<0.2	0.15	3	<5	22	<0.5	<1	0.20	<0.5	2	<0.5	2.1	10.2	0.04	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U773459  
PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013					DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5512993 (4870068)	<0.2	0.09	3	<5	20	<0.5	<1	0.14	0.5	1	<0.5	2.4	8.0	0.06	
E5512994 (4870069)	<0.2	4.44	11	24	208	1.9	<1	0.73	<0.5	87	22.6	108	39.4	4.94	
E5512995 (4870070)	<0.2	4.34	9	19	170	1.6	<1	0.59	<0.5	64	22.5	101	35.1	4.75	
E5512996 (4870071)	<0.2	4.28	7	24	236	1.7	<1	0.96	<0.5	86	22.4	114	38.5	4.77	
E5512997 (4870072)	<0.2	4.48	10	25	262	1.9	<1	0.92	<0.5	90	22.6	110	39.9	4.94	
E5512998 (4870073)	<0.2	4.19	9	19	221	1.6	<1	0.74	<0.5	84	22.3	107	33.7	4.47	
E5512999 (4870074)	<0.2	3.30	6	17	184	1.1	<1	2.54	<0.5	72	18.9	94.9	31.9	3.69	
E5513000 (4870075)	<0.2	0.13	4	5	34	<0.5	<1	2.02	<0.5	1	0.5	2.4	4.6	0.14	
E5513001 (4870076)	<0.2	0.07	3	<5	18	<0.5	1	0.20	0.6	1	0.6	3.4	7.3	0.09	
E5513002 (4870077)	<0.2	0.17	5	<5	18	<0.5	<1	0.21	0.7	3	1.5	10.1	7.8	0.23	
E5513003 (4870078)	<0.2	2.01	5	7	95	0.6	<1	0.65	<0.5	45	12.7	65.6	16.0	2.55	
E5513004 (4870079)	<0.2	2.01	4	8	92	0.7	<1	0.63	<0.5	48	13.4	70.5	14.5	2.55	
E5513005 (4870080)	<0.2	3.30	10	12	167	1.0	<1	0.99	<0.5	64	20.6	92.0	22.6	3.80	
E5513006 (4870081)	<0.2	3.58	7	13	177	1.2	<1	0.97	<0.5	77	21.5	94.2	27.6	3.95	
E5513007 (4870082)	<0.2	1.84	7	11	96	0.6	<1	4.06	<0.5	53	12.3	61.6	21.8	2.20	
E5513008 (4870083)	<0.2	0.32	7	7	110	<0.5	<1	2.11	<0.5	7	3.0	16.5	14.8	0.69	
E5513009 (4870084)	<0.2	0.17	6	7	68	<0.5	<1	2.18	<0.5	2	1.0	5.6	6.4	0.17	
E5513010 (4870085)	<0.2	0.23	6	6	37	<0.5	<1	2.54	<0.5	2	1.2	7.5	10.4	0.20	
E5513011 (4870086)	0.4	0.39	3	<5	20	<0.5	<1	0.66	0.6	5	3.4	2.4	60.4	0.66	
E5513012 (4870087)	<0.2	0.25	6	<5	183	<0.5	<1	1.76	<0.5	2	2.1	7.2	21.3	0.28	
E5513013 (4870088)	<0.2	0.24	1	6	249	<0.5	<1	2.19	<0.5	2	1.8	6.1	12.8	0.35	
E5513014 (4870089)	<0.2	0.25	2	5	261	<0.5	<1	2.19	<0.5	2	1.5	7.3	18.9	0.26	
E5513015 (4870090)	<0.2	0.21	4	<5	228	<0.5	<1	0.84	1.0	3	1.4	7.7	37.4	0.27	
E5513016 (4870091)	<0.2	1.20	1	<5	14	<0.5	<1	0.06	<0.5	11	2.9	58.4	2.4	1.05	
E5513017 (4870092)	<0.2	0.15	<1	<5	14	<0.5	<1	0.04	<0.5	14	1.0	11.1	1.3	0.18	
E5513018 (4870093)	<0.2	0.20	4	6	210	<0.5	<1	2.21	<0.5	4	6.6	9.4	14.4	0.64	
E5513019 (4870094)	<0.2	0.38	7	8	44	<0.5	<1	2.53	0.7	3	4.9	15.5	22.6	0.71	
E5513020 (4870095)	<0.2	0.43	3	<5	133	<0.5	<1	0.40	<0.5	17	17.0	101	33.5	1.31	
E5513021 (4870096)	<0.2	0.38	8	8	380	<0.5	<1	1.85	<0.5	6	13.5	16.2	23.7	2.50	
E5513022 (4870097)	<0.2	0.28	1	6	286	<0.5	<1	1.91	<0.5	3	5.5	8.5	17.1	1.07	
E5513023 (4870098)	<0.2	0.79	6	<5	441	<0.5	<1	1.19	<0.5	28	8.7	43.4	45.9	2.15	
E5513024 (4870099)	<0.2	0.88	8	<5	466	<0.5	<1	1.30	<0.5	33	9.1	69.9	31.6	2.07	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U773459  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013					DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5513025 (4870100)	<0.2	0.56	7	8	667	<0.5	<1	3.89	0.5	10	1.7	24.7	24.7	0.25	
E5513026 (4870101)	0.3	1.72	8	<5	175	1.3	<1	0.92	<0.5	43	13.9	127	66.0	3.03	
E5513027 (4870102)	<0.2	0.35	<1	<5	15	<0.5	<1	0.21	<0.5	11	1.8	8.4	6.0	0.24	
E5513028 (4870103)	0.2	1.66	8	<5	50	<0.5	<1	0.41	<0.5	16	19.9	130	22.5	3.24	
E5513029 (4870104)	<0.2	1.31	10	<5	34	<0.5	<1	0.12	<0.5	15	11.4	88.3	14.7	3.36	
E5513030 (4870105)	<0.2	3.00	5	15	172	1.0	<1	0.87	<0.5	58	20.3	152	27.2	3.72	
E5513031 (4870106)	<0.2	3.35	15	25	164	1.3	<1	5.43	<0.5	74	19.9	84.1	39.2	4.06	
E5513032 (4870107)	<0.2	0.35	3	6	50	<0.5	<1	2.16	<0.5	7	2.1	9.4	8.5	0.44	
E5513033 (4870108)	0.3	0.80	5	<5	174	<0.5	<1	1.91	<0.5	34	1.7	55.4	114	0.24	
E5513034 (4870109)	0.5	2.92	11	<5	193	0.8	<1	1.18	<0.5	81	30.1	132	72.8	5.11	
E5513035 (4870110)	<0.2	0.49	2	<5	17	<0.5	<1	0.11	<0.5	11	3.0	21.5	3.5	0.73	
E5513036 (4870111)	<0.2	0.63	4	<5	16	<0.5	<1	0.31	<0.5	14	5.9	80.3	4.5	1.02	
E5513037 (4870112)	<0.2	1.54	6	<5	106	0.5	<1	2.05	1.0	53	3.3	35.0	52.9	0.92	
E5513038 (4870113)	<0.2	0.11	2	<5	33	<0.5	<1	0.89	<0.5	2	<0.5	1.8	4.9	0.10	
E5513039 (4870114)	<0.2	0.31	3	7	53	<0.5	<1	2.66	<0.5	6	1.1	13.4	21.0	0.22	
E5513040 (4870115)	<0.2	0.74	1	<5	18	<0.5	<1	0.20	<0.5	17	7.3	58.8	8.2	1.15	
E5513041 (4870116)	<0.2	0.58	8	<5	65	<0.5	<1	0.84	0.9	22	20.8	36.4	39.6	0.85	
E5513042 (4870117)	<0.2	1.28	11	<5	81	<0.5	<1	0.61	<0.5	23	16.6	128	28.2	3.62	
E5513043 (4870118)	<0.2	1.06	6	<5	40	<0.5	<1	0.23	<0.5	19	18.7	54.7	22.9	1.79	

Certified By:



## Certificate of Analysis

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5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013					DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5512929 (4870003)	14	<1	4	0.06	6	14	1.09	737	<0.5	0.03	42.6	645	29.4	10	
E5512930 (4870004)	<5	1	<1	0.01	2	<1	0.17	37	2.5	<0.01	8.7	638	10.7	<10	
E5512931 (4870005)	7	<1	<1	0.16	26	18	1.40	360	1.6	0.03	31.4	653	10.3	41	
E5512932 (4870006)	16	<1	6	0.49	42	44	1.33	633	<0.5	0.03	51.1	464	26.5	109	
E5512933 (4870007)	15	1	10	0.48	49	46	1.42	659	0.9	0.05	54.1	531	21.0	106	
E5512934 (4870008)	6	<1	2	0.10	16	15	0.44	182	0.6	0.01	19.3	489	9.4	26	
E5512935 (4870009)	15	<1	3	0.52	37	44	1.90	670	0.7	0.06	48.5	650	22.8	123	
E5512936 (4870010)	12	<1	<1	0.29	28	34	1.20	458	0.7	0.03	39.7	551	19.4	77	
E5512937 (4870011)	6	<1	1	0.07	12	11	0.38	128	0.8	0.01	23.3	366	10.6	20	
E5512938 (4870012)	10	<1	<1	0.32	29	29	1.69	390	0.9	0.03	34.7	633	15.7	69	
E5512939 (4870013)	8	<1	2	0.28	24	25	1.83	415	1.3	0.03	31.4	547	15.1	67	
E5512940 (4870014)	14	1	1	0.44	22	43	1.25	641	<0.5	0.03	46.1	440	23.1	92	
E5512941 (4870015)	11	<1	1	0.34	29	32	0.95	483	0.8	0.02	38.2	636	16.4	69	
E5512942 (4870016)	6	<1	<1	0.12	17	15	0.49	241	9.4	0.01	20.1	420	18.2	26	
E5512943 (4870017)	15	1	4	0.37	43	44	1.20	681	<0.5	0.03	49.6	654	21.8	92	
E5512944 (4870018)	13	<1	2	0.26	24	33	0.88	258	<0.5	0.02	35.5	568	21.3	62	
E5512945 (4870019)	15	<1	4	0.45	43	44	1.33	606	<0.5	0.03	51.1	534	23.0	93	
E5512946 (4870020)	16	<1	3	0.60	50	53	1.53	615	<0.5	0.05	58.0	511	26.8	131	
E5512947 (4870021)	16	2	9	0.48	34	50	1.39	588	<0.5	0.03	53.2	405	25.5	114	
E5512948 (4870022)	16	3	6	0.45	32	47	1.38	735	0.6	0.04	52.3	418	26.5	120	
E5512949 (4870023)	20	<1	5	0.48	25	45	1.11	379	<0.5	0.02	43.9	745	26.1	123	
E5512950 (4870024)	18	3	2	0.61	41	58	1.66	710	<0.5	0.05	58.5	600	25.8	139	
E5512951 (4870025)	13	<1	1	0.33	23	34	1.16	600	<0.5	0.03	44.6	339	18.3	82	
E5512952 (4870026)	12	2	<1	0.31	26	33	0.97	407	<0.5	0.02	38.2	464	20.9	67	
E5512953 (4870027)	19	<1	6	0.59	46	55	1.59	793	0.7	0.04	59.4	583	27.8	125	
E5512954 (4870028)	17	2	1	0.41	24	48	1.35	707	<0.5	0.02	45.7	593	28.9	105	
E5512955 (4870029)	17	<1	9	0.65	45	56	1.59	816	<0.5	0.04	57.6	632	27.8	139	
E5512956 (4870030)	17	<1	4	0.45	33	45	1.25	793	<0.5	0.03	46.5	599	23.1	113	
E5512957 (4870031)	16	<1	3	0.46	33	44	1.35	839	<0.5	0.04	51.6	605	22.2	112	
E5512958 (4870032)	12	<1	<1	0.29	37	29	1.28	626	<0.5	0.04	45.4	569	15.8	69	
E5512959 (4870033)	19	1	4	0.54	36	47	1.29	603	<0.5	0.03	49.2	715	27.3	137	
E5512960 (4870034)	20	<1	2	0.54	37	48	1.32	622	0.8	0.04	49.6	713	25.9	134	

Certified By:





## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013						DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5512961 (4870035)	18	<1	<1	0.62	42	55	1.62	621	<0.5	0.05	57.3	652	27.0	145	
E5512962 (4870036)	19	<1	8	0.51	37	51	1.48	718	<0.5	0.04	52.6	586	24.3	124	
E5512963 (4870037)	17	<1	5	0.43	27	50	1.33	445	<0.5	0.03	46.2	801	22.6	121	
E5512964 (4870038)	21	<1	7	0.55	25	43	1.08	313	1.3	0.02	42.0	767	28.9	139	
E5512965 (4870039)	18	<1	4	0.44	29	47	1.38	680	<0.5	0.03	46.8	567	25.1	112	
E5512966 (4870040)	15	<1	3	0.40	34	44	1.25	592	0.8	0.04	47.2	735	23.4	93	
E5512967 (4870041)	16	<1	2	0.35	37	43	1.15	462	10.1	0.03	41.0	713	25.2	85	
E5512968 (4870042)	15	<1	2	0.38	34	45	1.22	542	<0.5	0.03	45.2	717	22.7	95	
E5512969 (4870043)	16	<1	5	0.44	24	41	1.31	519	<0.5	0.03	44.9	616	23.9	118	
E5512970 (4870044)	17	<1	3	0.44	30	43	1.26	440	0.8	0.03	44.9	708	21.2	120	
E5512971 (4870045)	23	1	3	0.55	30	48	1.24	292	0.8	0.03	48.2	710	25.6	156	
E5512972 (4870046)	20	<1	<1	0.47	25	46	1.25	382	0.9	0.03	44.8	521	20.5	139	
E5512973 (4870047)	17	<1	4	0.42	35	48	1.31	615	0.6	0.04	46.9	625	22.9	109	
E5512974 (4870048)	20	<1	4	0.47	35	46	1.13	339	<0.5	0.03	43.6	741	26.0	124	
E5512975 (4870049)	15	2	5	0.35	31	41	1.12	461	<0.5	0.03	38.3	660	20.6	88	
E5512976 (4870050)	<5	1	<1	0.01	3	<1	0.07	26	2.3	<0.01	4.9	298	6.5	<10	
E5512977 (4870051)	16	<1	8	0.46	36	45	1.32	1060	<0.5	0.05	50.0	692	25.5	110	
E5512978 (4870053)	16	<1	3	0.50	38	46	1.52	1080	0.7	0.06	50.0	670	23.2	116	
E5512979 (4870054)	<5	<1	<1	<0.01	1	<1	0.16	52	2.2	<0.01	1.8	199	5.9	<10	
E5512980 (4870055)	<5	<1	<1	0.01	2	<1	0.20	73	2.3	<0.01	2.9	166	8.3	<10	
E5512981 (4870056)	<5	<1	<1	0.02	3	<1	0.21	105	3.1	<0.01	4.6	267	7.0	<10	
E5512982 (4870057)	<5	<1	<1	0.02	2	<1	0.15	39	2.1	<0.01	6.7	710	18.6	<10	
E5512983 (4870058)	<5	<1	<1	0.01	2	<1	0.22	80	3.2	<0.01	5.3	535	4.2	<10	
E5512984 (4870059)	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	
E5512985 (4870060)	<5	<1	<1	<0.01	2	<1	0.06	20	2.6	<0.01	2.8	211	6.9	<10	
E5512986 (4870061)	<5	<1	<1	<0.01	1	<1	0.05	16	3.1	<0.01	2.5	180	5.4	<10	
E5512987 (4870062)	<5	<1	<1	0.10	9	8	0.36	115	6.5	0.01	18.3	380	6.5	18	
E5512988 (4870063)	<5	<1	<1	<0.01	<1	<1	0.06	21	6.1	<0.01	2.8	217	1.9	<10	
E5512989 (4870064)	<5	<1	<1	<0.01	2	<1	0.06	20	2.3	<0.01	4.5	286	4.7	<10	
E5512990 (4870065)	<5	<1	<1	<0.01	2	<1	0.06	18	1.5	<0.01	4.2	397	10.4	<10	
E5512991 (4870066)	<5	<1	<1	<0.01	1	<1	0.02	5	1.3	<0.01	1.4	292	4.1	<10	
E5512992 (4870067)	<5	<1	<1	<0.01	1	<1	0.02	6	1.4	<0.01	3.1	327	3.2	<10	

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## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013						DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5512993 (4870068)	<5	<1	<1	0.01	<1	<1	0.02	5	1.4	<0.01	3.6	497	15.2	<10	
E5512994 (4870069)	20	<1	8	0.63	46	54	1.63	633	<0.5	0.05	58.4	528	28.6	140	
E5512995 (4870070)	19	<1	10	0.56	29	52	1.53	627	<0.5	0.04	56.7	357	26.9	126	
E5512996 (4870071)	19	1	6	0.68	50	57	1.64	676	<0.5	0.07	62.5	558	28.8	151	
E5512997 (4870072)	19	2	6	0.68	51	58	1.67	806	<0.5	0.06	63.3	574	30.0	148	
E5512998 (4870073)	17	2	6	0.56	41	50	1.50	692	0.5	0.06	55.3	479	29.4	134	
E5512999 (4870074)	15	<1	5	0.51	37	43	1.80	654	1.9	0.06	50.6	649	23.6	118	
E5513000 (4870075)	<5	<1	<1	<0.01	<1	<1	0.20	70	3.0	<0.01	2.4	333	7.5	<10	
E5513001 (4870076)	<5	<1	<1	0.03	<1	<1	0.04	9	1.5	<0.01	4.5	409	20.1	<10	
E5513002 (4870077)	<5	<1	<1	0.03	1	2	0.11	40	1.4	<0.01	9.4	327	15.2	<10	
E5513003 (4870078)	9	<1	1	0.20	23	22	0.82	390	0.8	0.04	36.4	651	10.2	43	
E5513004 (4870079)	9	<1	1	0.19	24	22	0.81	424	0.7	0.04	37.4	603	15.2	46	
E5513005 (4870080)	15	3	4	0.42	31	40	1.26	1040	0.7	0.05	46.2	570	20.1	100	
E5513006 (4870081)	16	<1	6	0.41	40	50	1.34	632	1.6	0.05	50.1	403	25.0	99	
E5513007 (4870082)	8	<1	1	0.27	27	25	2.24	325	1.4	0.04	33.0	615	13.7	64	
E5513008 (4870083)	<5	<1	<1	0.02	4	1	0.35	111	27.7	<0.01	38.2	451	13.5	<10	
E5513009 (4870084)	<5	<1	<1	0.02	1	<1	0.32	105	6.7	<0.01	7.7	507	17.9	<10	
E5513010 (4870085)	<5	<1	<1	0.01	1	<1	0.19	300	3.2	<0.01	8.9	635	5.1	<10	
E5513011 (4870086)	<5	<1	<1	<0.01	3	<1	0.05	84	1.6	<0.01	13.1	415	5.2	<10	
E5513012 (4870087)	<5	<1	1	0.02	2	<1	0.24	220	11.1	<0.01	21.5	507	14.2	<10	
E5513013 (4870088)	<5	<1	<1	0.01	2	<1	0.27	313	7.2	<0.01	17.4	602	11.2	<10	
E5513014 (4870089)	<5	<1	<1	<0.01	2	<1	0.29	237	7.0	<0.01	20.4	617	6.4	<10	
E5513015 (4870090)	<5	<1	<1	0.06	2	<1	0.12	123	5.3	0.01	19.2	493	50.9	<10	
E5513016 (4870091)	6	<1	<1	0.01	6	5	0.08	34	0.9	<0.01	16.2	130	5.1	<10	
E5513017 (4870092)	<5	<1	<1	<0.01	7	<1	0.02	18	0.8	<0.01	3.7	53	4.2	<10	
E5513018 (4870093)	<5	<1	<1	0.01	2	<1	0.27	682	21.6	<0.01	15.8	699	21.0	<10	
E5513019 (4870094)	<5	<1	<1	0.03	2	<1	0.16	1100	3.0	<0.01	16.5	926	30.1	<10	
E5513020 (4870095)	<5	<1	2	0.02	8	2	0.20	271	5.5	<0.01	153	323	10.5	<10	
E5513021 (4870096)	<5	1	<1	0.02	5	<1	0.21	1850	13.2	<0.01	45.2	927	33.1	<10	
E5513022 (4870097)	<5	<1	2	0.01	4	<1	0.22	1000	8.7	<0.01	27.4	609	12.2	<10	
E5513023 (4870098)	<5	2	2	0.02	13	2	0.28	1240	14.3	<0.01	29.3	746	24.1	<10	
E5513024 (4870099)	<5	1	<1	0.03	14	2	0.36	1440	11.4	<0.01	44.2	861	24.1	<10	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U773459  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013						DATE REPORTED: Nov 06, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
Sample ID (AGAT ID)														
E5513025 (4870100)	<5	<1	<1	<0.01	7	<1	0.27	398	14.0	<0.01	32.5	671	10.1	<10
E5513026 (4870101)	9	1	4	0.06	32	18	0.47	548	39.0	<0.01	76.2	499	19.9	30
E5513027 (4870102)	<5	<1	<1	0.01	5	<1	0.06	29	1.4	<0.01	4.3	77	10.3	<10
E5513028 (4870103)	11	1	2	0.06	8	17	1.03	432	2.5	0.02	73.2	531	10.0	15
E5513029 (4870104)	16	<1	3	0.05	8	7	0.28	200	8.4	<0.01	29.5	207	11.4	15
E5513030 (4870105)	14	1	8	0.40	29	38	1.77	390	0.9	0.04	110	566	20.2	89
E5513031 (4870106)	17	1	9	0.61	39	51	2.35	525	1.8	0.05	49.3	623	26.3	137
E5513032 (4870107)	<5	<1	<1	0.06	4	4	0.35	62	3.7	<0.01	15.2	301	6.6	11
E5513033 (4870108)	<5	<1	<1	0.01	30	<1	0.28	161	36.9	<0.01	55.9	903	7.4	<10
E5513034 (4870109)	14	<1	8	0.10	43	34	1.25	1160	7.7	<0.01	209	1400	19.7	23
E5513035 (4870110)	6	<1	<1	0.02	5	3	0.12	51	1.0	<0.01	9.7	127	6.9	<10
E5513036 (4870111)	<5	<1	<1	0.02	7	7	0.42	91	1.3	<0.01	33.7	458	4.0	<10
E5513037 (4870112)	<5	2	<1	0.01	29	1	0.16	111	1.9	<0.01	48.0	1050	11.9	<10
E5513038 (4870113)	<5	<1	<1	0.01	1	<1	0.05	16	2.1	<0.01	2.8	487	8.1	<10
E5513039 (4870114)	<5	<1	<1	<0.01	5	<1	0.19	105	1.6	<0.01	26.6	432	6.3	<10
E5513040 (4870115)	5	<1	<1	0.02	8	9	0.46	114	1.5	<0.01	31.2	112	1.7	<10
E5513041 (4870116)	<5	<1	<1	0.05	10	2	0.23	1380	1.4	<0.01	37.0	790	47.0	<10
E5513042 (4870117)	12	<1	2	0.06	13	12	0.74	774	2.2	<0.01	79.9	519	13.3	35
E5513043 (4870118)	8	<1	1	0.04	9	9	0.39	556	2.1	<0.01	43.0	381	22.5	11

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013					DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5512929 (4870003)	0.030	<1	10.0	<10	11	12.2	<10	<10	<5	0.17	<5	<5	162	<1	
E5512930 (4870004)	0.253	<1	<0.5	<10	7	31.6	<10	<10	<5	<0.01	<5	<5	8.8	<1	
E5512931 (4870005)	0.036	2	7.0	<10	17	33.0	<10	<10	6	0.13	<5	<5	49.9	<1	
E5512932 (4870006)	0.024	2	10.8	<10	13	31.9	<10	<10	8	0.16	<5	<5	88.2	<1	
E5512933 (4870007)	0.019	<1	13.7	<10	16	36.3	<10	<10	12	0.20	<5	<5	87.8	<1	
E5512934 (4870008)	0.010	<1	3.9	<10	6	16.0	<10	<10	<5	0.08	<5	<5	34.5	<1	
E5512935 (4870009)	0.059	2	13.0	<10	28	47.9	<10	<10	10	0.18	<5	<5	82.2	<1	
E5512936 (4870010)	0.037	<1	8.9	<10	14	32.3	<10	<10	7	0.16	<5	<5	71.3	<1	
E5512937 (4870011)	0.034	<1	3.3	<10	7	17.8	<10	<10	<5	0.09	<5	<5	32.9	<1	
E5512938 (4870012)	0.040	<1	9.5	<10	19	38.0	<10	<10	7	0.14	<5	<5	61.0	<1	
E5512939 (4870013)	0.069	3	9.0	<10	30	48.6	<10	<10	5	0.13	<5	<5	55.7	<1	
E5512940 (4870014)	0.012	<1	10.3	15	12	26.1	<10	<10	10	0.18	<5	<5	85.9	<1	
E5512941 (4870015)	0.019	3	8.3	<10	10	26.9	<10	<10	7	0.13	<5	<5	63.8	<1	
E5512942 (4870016)	0.010	1	3.5	<10	7	15.7	<10	<10	<5	0.10	<5	<5	39.3	<1	
E5512943 (4870017)	0.026	<1	9.8	<10	12	34.3	<10	<10	9	0.18	<5	<5	78.2	<1	
E5512944 (4870018)	0.018	<1	7.7	<10	9	23.6	<10	<10	7	0.15	<5	<5	69.0	<1	
E5512945 (4870019)	0.016	<1	12.7	<10	13	33.8	<10	<10	10	0.17	<5	<5	85.0	<1	
E5512946 (4870020)	0.020	2	15.0	10	14	37.8	<10	<10	12	0.20	<5	<5	93.6	<1	
E5512947 (4870021)	0.016	2	13.0	<10	11	30.2	<10	<10	11	0.18	<5	<5	94.4	<1	
E5512948 (4870022)	0.018	1	12.3	<10	15	34.6	<10	<10	9	0.22	<5	<5	94.0	<1	
E5512949 (4870023)	0.043	<1	8.0	12	12	30.1	<10	<10	<5	0.17	<5	<5	86.2	<1	
E5512950 (4870024)	0.020	1	14.7	15	18	44.7	<10	<10	12	0.22	<5	<5	97.2	<1	
E5512951 (4870025)	0.013	<1	9.1	<10	13	30.9	<10	<10	9	0.19	<5	<5	73.8	<1	
E5512952 (4870026)	0.014	1	8.1	<10	9	24.3	<10	<10	7	0.14	<5	<5	68.5	<1	
E5512953 (4870027)	0.017	2	16.8	<10	15	40.2	<10	<10	14	0.20	<5	<5	101	<1	
E5512954 (4870028)	0.023	<1	9.1	<10	14	31.2	<10	<10	7	0.19	<5	<5	101	<1	
E5512955 (4870029)	0.022	1	14.3	<10	15	44.2	<10	<10	11	0.20	<5	<5	99.0	<1	
E5512956 (4870030)	0.027	2	9.9	12	15	37.1	<10	<10	7	0.20	<5	<5	88.1	<1	
E5512957 (4870031)	0.026	<1	11.3	<10	14	35.5	<10	<10	8	0.20	<5	<5	86.3	<1	
E5512958 (4870032)	0.023	<1	10.2	<10	14	34.5	<10	<10	9	0.17	<5	<5	64.9	<1	
E5512959 (4870033)	0.039	<1	10.0	<10	13	38.1	<10	<10	7	0.17	<5	<5	87.2	<1	
E5512960 (4870034)	0.037	<1	10.7	<10	14	40.3	<10	<10	8	0.18	<5	<5	93.9	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U773459  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013					DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5512961 (4870035)	0.020	<1	14.4	<10	17	45.6	<10	<10	12	0.21	<5	<5	95.6	<1	
E5512962 (4870036)	0.027	<1	11.4	<10	15	37.3	<10	<10	9	0.20	<5	<5	93.7	<1	
E5512963 (4870037)	0.036	<1	8.5	<10	15	33.8	<10	<10	<5	0.18	<5	<5	91.0	<1	
E5512964 (4870038)	0.078	3	7.6	<10	14	34.7	<10	<10	<5	0.13	<5	<5	72.6	<1	
E5512965 (4870039)	0.023	<1	10.0	<10	15	33.8	<10	<10	9	0.21	<5	<5	90.6	<1	
E5512966 (4870040)	0.030	<1	11.7	<10	16	48.6	<10	<10	10	0.19	<5	<5	83.1	<1	
E5512967 (4870041)	0.053	4	10.4	<10	15	50.7	<10	<10	8	0.18	<5	<5	76.2	<1	
E5512968 (4870042)	0.038	<1	11.2	<10	14	46.3	<10	<10	9	0.19	<5	<5	80.7	<1	
E5512969 (4870043)	0.034	<1	9.3	<10	14	34.1	<10	<10	6	0.20	<5	<5	83.7	<1	
E5512970 (4870044)	0.050	<1	9.0	11	15	35.3	<10	<10	<5	0.18	<5	<5	81.1	<1	
E5512971 (4870045)	0.055	2	10.0	<10	15	34.9	<10	<10	<5	0.15	<5	<5	86.3	<1	
E5512972 (4870046)	0.040	<1	9.0	<10	13	35.0	<10	<10	<5	0.16	<5	<5	83.5	<1	
E5512973 (4870047)	0.032	2	9.6	<10	16	37.0	<10	<10	6	0.19	<5	<5	91.5	<1	
E5512974 (4870048)	0.073	1	9.5	<10	12	34.1	<10	<10	<5	0.14	<5	<5	86.1	<1	
E5512975 (4870049)	0.053	<1	10.3	<10	15	51.6	<10	<10	7	0.17	<5	<5	72.1	<1	
E5512976 (4870050)	0.245	<1	1.3	<10	<5	16.3	<10	<10	<5	<0.01	<5	<5	5.6	<1	
E5512977 (4870051)	0.032	<1	12.8	<10	14	47.0	<10	<10	9	0.20	<5	<5	85.5	<1	
E5512978 (4870053)	0.027	<1	13.8	<10	18	53.1	<10	<10	9	0.21	<5	<5	86.6	<1	
E5512979 (4870054)	0.183	<1	0.6	<10	9	70.3	<10	<10	<5	<0.01	<5	<5	5.5	<1	
E5512980 (4870055)	0.279	2	0.6	<10	15	101	<10	<10	<5	<0.01	<5	<5	6.3	<1	
E5512981 (4870056)	0.351	<1	0.7	<10	12	96.0	<10	<10	<5	<0.01	<5	<5	8.4	<1	
E5512982 (4870057)	0.266	<1	<0.5	<10	9	49.4	<10	<10	<5	<0.01	<5	<5	5.9	<1	
E5512983 (4870058)	0.250	3	0.6	<10	13	86.8	<10	<10	<5	<0.01	<5	<5	8.0	<1	
E5512984 (4870059)	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	
E5512985 (4870060)	0.398	<1	1.0	<10	<5	14.3	<10	<10	<5	<0.01	<5	<5	4.4	<1	
E5512986 (4870061)	0.436	<1	<0.5	<10	<5	9.3	<10	<10	<5	<0.01	<5	<5	3.8	<1	
E5512987 (4870062)	0.426	<1	3.5	<10	8	20.9	<10	<10	<5	0.05	<5	<5	24.6	<1	
E5512988 (4870063)	0.422	<1	<0.5	<10	<5	9.3	<10	<10	<5	<0.01	<5	<5	3.7	<1	
E5512989 (4870064)	0.265	<1	0.9	<10	<5	17.3	<10	<10	<5	<0.01	<5	<5	4.4	<1	
E5512990 (4870065)	0.150	<1	0.6	<10	<5	19.4	<10	<10	<5	<0.01	<5	<5	3.5	<1	
E5512991 (4870066)	0.137	<1	<0.5	<10	<5	7.2	<10	<10	<5	<0.01	<5	<5	2.1	<1	
E5512992 (4870067)	0.138	<1	<0.5	<10	<5	6.5	<10	<10	<5	<0.01	<5	<5	2.1	<1	

Certified By:



## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013					DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5512993 (4870068)	0.162	<1	<0.5	<10	<5	5.4	<10	<10	<5	<0.01	<5	<5	1.8	<1	
E5512994 (4870069)	0.017	3	16.7	12	14	37.7	<10	<10	13	0.21	<5	<5	104	<1	
E5512995 (4870070)	0.017	1	14.3	<10	12	32.0	<10	<10	11	0.19	<5	<5	97.6	<1	
E5512996 (4870071)	0.021	<1	17.0	<10	16	46.9	<10	<10	12	0.21	<5	<5	102	<1	
E5512997 (4870072)	0.024	3	17.6	12	15	46.3	<10	<10	13	0.21	<5	<5	102	<1	
E5512998 (4870073)	0.016	<1	14.5	<10	15	39.0	<10	<10	9	0.22	<5	<5	94.7	<1	
E5512999 (4870074)	0.040	2	13.5	<10	24	56.6	<10	<10	9	0.20	<5	<5	82.1	<1	
E5513000 (4870075)	0.233	<1	0.6	<10	9	55.1	<10	<10	<5	<0.01	<5	<5	5.0	<1	
E5513001 (4870076)	0.169	<1	<0.5	<10	<5	7.2	<10	<10	<5	<0.01	<5	<5	2.1	<1	
E5513002 (4870077)	0.243	<1	<0.5	<10	<5	7.7	<10	<10	<5	<0.01	<5	<5	6.8	<1	
E5513003 (4870078)	0.016	<1	7.1	<10	10	31.4	<10	<10	<5	0.15	<5	<5	54.0	<1	
E5513004 (4870079)	0.017	<1	7.3	<10	11	30.3	<10	<10	6	0.15	<5	<5	58.1	<1	
E5513005 (4870080)	0.027	<1	10.2	<10	15	41.0	<10	<10	7	0.20	<5	<5	84.0	<1	
E5513006 (4870081)	0.024	2	11.1	<10	14	46.1	<10	<10	7	0.20	<5	<5	87.4	<1	
E5513007 (4870082)	0.070	<1	9.6	<10	27	49.4	<10	<10	6	0.15	<5	<5	56.6	<1	
E5513008 (4870083)	0.835	<1	1.7	<10	9	382	<10	<10	<5	0.01	<5	<5	15.3	<1	
E5513009 (4870084)	0.268	<1	<0.5	<10	11	69.2	<10	<10	<5	<0.01	<5	<5	7.7	<1	
E5513010 (4870085)	0.372	1	0.7	<10	11	56.6	<10	<10	<5	<0.01	<5	<5	5.5	<1	
E5513011 (4870086)	0.917	<1	1.2	<10	<5	10.4	<10	<10	<5	<0.01	<5	<5	3.3	<1	
E5513012 (4870087)	0.347	2	0.7	<10	9	97.4	<10	<10	<5	<0.01	<5	<5	7.3	<1	
E5513013 (4870088)	0.406	1	0.6	<10	10	118	<10	<10	<5	<0.01	<5	<5	6.8	<1	
E5513014 (4870089)	0.433	<1	0.8	<10	10	118	<10	<10	<5	<0.01	<5	<5	6.3	<1	
E5513015 (4870090)	0.205	<1	0.5	<10	<5	57.2	<10	<10	<5	<0.01	<5	<5	5.4	<1	
E5513016 (4870091)	0.015	<1	1.6	<10	<5	5.8	<10	<10	<5	0.05	<5	<5	30.8	<1	
E5513017 (4870092)	<0.005	<1	<0.5	<10	<5	4.2	<10	<10	<5	0.04	<5	<5	11.5	<1	
E5513018 (4870093)	0.622	2	0.6	<10	11	133	<10	<10	<5	<0.01	<5	<5	9.4	<1	
E5513019 (4870094)	0.518	1	0.6	<10	13	51.5	<10	<10	<5	<0.01	<5	<5	7.0	<1	
E5513020 (4870095)	0.105	<1	5.5	<10	<5	22.3	<10	<10	<5	0.02	<5	<5	26.1	<1	
E5513021 (4870096)	0.446	<1	2.0	<10	9	96.8	<10	<10	<5	<0.01	<5	<5	10.9	<1	
E5513022 (4870097)	0.428	2	1.0	<10	10	96.7	<10	<10	<5	<0.01	<5	<5	7.9	<1	
E5513023 (4870098)	0.521	<1	2.5	<10	6	76.4	<10	<10	<5	0.03	<5	<5	37.1	<1	
E5513024 (4870099)	0.489	2	2.7	11	7	91.4	<10	<10	<5	0.03	<5	<5	54.3	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U773459  
PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013					DATE REPORTED: Nov 06, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5513025 (4870100)	0.553	1	1.9	<10	18	458	<10	<10	<5	<0.01	<5	<5	21.1	<1	
E5513026 (4870101)	0.061	<1	6.3	<10	8	38.1	<10	<10	<5	0.07	<5	<5	75.9	<1	
E5513027 (4870102)	0.012	<1	0.9	<10	<5	17.1	<10	<10	<5	0.06	<5	<5	14.1	<1	
E5513028 (4870103)	0.028	<1	4.5	<10	11	17.0	<10	<10	<5	0.17	<5	<5	89.5	<1	
E5513029 (4870104)	0.015	<1	2.9	<10	12	9.3	<10	<10	<5	0.22	<5	<5	152	<1	
E5513030 (4870105)	0.026	<1	12.0	<10	14	36.3	<10	<10	8	0.17	<5	<5	82.6	<1	
E5513031 (4870106)	0.098	2	16.9	<10	34	75.1	<10	<10	9	0.17	<5	<5	88.6	<1	
E5513032 (4870107)	0.183	2	1.4	<10	11	65.9	<10	<10	<5	0.02	<5	<5	11.9	<1	
E5513033 (4870108)	0.708	<1	4.1	<10	9	80.2	<10	<10	<5	<0.01	<5	<5	13.3	<1	
E5513034 (4870109)	0.118	1	10.3	<10	11	54.7	<10	<10	<5	0.10	<5	6	70.9	<1	
E5513035 (4870110)	0.010	<1	1.2	<10	7	8.4	<10	<10	<5	0.10	<5	<5	36.2	<1	
E5513036 (4870111)	0.014	<1	2.3	<10	<5	11.6	<10	<10	<5	0.08	<5	<5	28.0	<1	
E5513037 (4870112)	0.307	3	4.5	<10	11	49.5	<10	<10	<5	0.02	<5	<5	15.0	<1	
E5513038 (4870113)	0.184	<1	<0.5	<10	<5	27.9	<10	<10	<5	<0.01	<5	<5	2.7	<1	
E5513039 (4870114)	0.262	<1	1.7	<10	14	76.6	<10	<10	<5	<0.01	<5	<5	6.0	<1	
E5513040 (4870115)	0.008	<1	2.1	<10	6	10.8	<10	<10	<5	0.09	<5	<5	32.7	<1	
E5513041 (4870116)	0.188	2	2.2	<10	6	28.4	<10	<10	<5	0.02	<5	<5	21.7	<1	
E5513042 (4870117)	0.044	1	4.2	<10	11	23.1	<10	<10	<5	0.17	<5	<5	121	<1	
E5513043 (4870118)	0.030	<1	2.2	<10	6	13.8	<10	<10	<5	0.08	<5	<5	59.3	<1	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013

DATE RECEIVED: Oct 22, 2013

DATE REPORTED: Nov 06, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5512929 (4870003)		6	106	<5
E5512930 (4870004)		1	13.5	<5
E5512931 (4870005)		10	39.3	12
E5512932 (4870006)		14	90.7	11
E5512933 (4870007)		19	84.1	25
E5512934 (4870008)		7	32.4	<5
E5512935 (4870009)		14	80.2	29
E5512936 (4870010)		11	72.8	12
E5512937 (4870011)		5	31.4	<5
E5512938 (4870012)		11	56.5	20
E5512939 (4870013)		10	47.3	21
E5512940 (4870014)		7	88.7	16
E5512941 (4870015)		12	67.7	11
E5512942 (4870016)		5	40.2	<5
E5512943 (4870017)		15	91.4	8
E5512944 (4870018)		8	65.0	5
E5512945 (4870019)		17	87.5	23
E5512946 (4870020)		19	100	29
E5512947 (4870021)		12	92.5	20
E5512948 (4870022)		11	93.7	16
E5512949 (4870023)		7	89.5	<5
E5512950 (4870024)		15	98.8	25
E5512951 (4870025)		8	69.5	9
E5512952 (4870026)		11	62.5	8
E5512953 (4870027)		18	99.9	37
E5512954 (4870028)		8	91.4	7
E5512955 (4870029)		17	107	23
E5512956 (4870030)		12	103	7
E5512957 (4870031)		13	87.6	13
E5512958 (4870032)		14	54.4	16
E5512959 (4870033)		12	102	6
E5512960 (4870034)		13	98.8	8

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DATE SAMPLED: Oct 22, 2013

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DATE REPORTED: Nov 06, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5512961 (4870035)		15	107	24
E5512962 (4870036)		13	97.6	10
E5512963 (4870037)		9	99.8	<5
E5512964 (4870038)		7	87.3	<5
E5512965 (4870039)		10	91.4	7
E5512966 (4870040)		13	90.8	19
E5512967 (4870041)		12	97.7	12
E5512968 (4870042)		13	96.6	15
E5512969 (4870043)		9	93.4	6
E5512970 (4870044)		10	98.6	5
E5512971 (4870045)		8	95.8	8
E5512972 (4870046)		7	99.0	7
E5512973 (4870047)		12	90.8	8
E5512974 (4870048)		11	82.1	7
E5512975 (4870049)		11	83.0	13
E5512976 (4870050)		1	11.6	<5
E5512977 (4870051)		13	91.2	22
E5512978 (4870053)		14	85.8	28
E5512979 (4870054)		<1	20.2	<5
E5512980 (4870055)		<1	13.2	<5
E5512981 (4870056)		1	13.6	<5
E5512982 (4870057)		<1	26.5	<5
E5512983 (4870058)		1	18.5	<5
E5512984 (4870059)		NSS	NSS	NSS
E5512985 (4870060)		1	17.9	<5
E5512986 (4870061)		<1	7.2	<5
E5512987 (4870062)		4	32.2	7
E5512988 (4870063)		<1	12.0	<5
E5512989 (4870064)		1	8.2	<5
E5512990 (4870065)		1	12.6	<5
E5512991 (4870066)		<1	10.1	<5
E5512992 (4870067)		<1	5.9	<5

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DATE SAMPLED: Oct 22, 2013

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DATE REPORTED: Nov 06, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5512993 (4870068)		<1	18.3	<5
E5512994 (4870069)		16	101	32
E5512995 (4870070)		10	94.1	24
E5512996 (4870071)		19	96.2	35
E5512997 (4870072)		20	98.7	40
E5512998 (4870073)		15	88.8	26
E5512999 (4870074)		14	78.1	28
E5513000 (4870075)		<1	11.3	<5
E5513001 (4870076)		<1	31.9	<5
E5513002 (4870077)		<1	26.0	<5
E5513003 (4870078)		9	50.9	8
E5513004 (4870079)		10	55.9	6
E5513005 (4870080)		12	81.3	11
E5513006 (4870081)		14	84.4	15
E5513007 (4870082)		11	47.1	24
E5513008 (4870083)		2	16.6	<5
E5513009 (4870084)		<1	14.2	<5
E5513010 (4870085)		1	12.3	<5
E5513011 (4870086)		4	35.4	<5
E5513012 (4870087)		2	22.1	<5
E5513013 (4870088)		2	16.5	<5
E5513014 (4870089)		2	8.9	<5
E5513015 (4870090)		1	38.6	<5
E5513016 (4870091)		1	10.7	<5
E5513017 (4870092)		<1	3.2	<5
E5513018 (4870093)		1	23.9	<5
E5513019 (4870094)		3	32.1	<5
E5513020 (4870095)		4	38.6	<5
E5513021 (4870096)		4	41.6	<5
E5513022 (4870097)		3	21.3	<5
E5513023 (4870098)		6	39.1	<5
E5513024 (4870099)		7	37.9	<5

Certified By:



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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Oct 22, 2013	DATE RECEIVED: Oct 22, 2013	DATE REPORTED: Nov 06, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5513025 (4870100)	6	16.6	<5	
E5513026 (4870101)	13	34.2	<5	
E5513027 (4870102)	1	13.3	<5	
E5513028 (4870103)	4	47.4	<5	
E5513029 (4870104)	2	31.6	<5	
E5513030 (4870105)	12	68.3	21	
E5513031 (4870106)	15	88.2	50	
E5513032 (4870107)	2	10.8	<5	
E5513033 (4870108)	14	11.3	<5	
E5513034 (4870109)	20	93.0	<5	
E5513035 (4870110)	1	10.0	<5	
E5513036 (4870111)	3	20.5	<5	
E5513037 (4870112)	14	4.2	<5	
E5513038 (4870113)	<1	9.6	<5	
E5513039 (4870114)	4	8.1	<5	
E5513040 (4870115)	2	22.9	<5	
E5513041 (4870116)	5	56.8	<5	
E5513042 (4870117)	5	112	<5	
E5513043 (4870118)	3	40.2	<5	

Comments: RDL - Reported Detection Limit

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 22, 2013

DATE RECEIVED: Oct 22, 2013

DATE REPORTED: Nov 06, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5512929 (4870003)		0.22	0.033
E5512930 (4870004)		0.10	0.002
E5512931 (4870005)		0.54	0.003
E5512932 (4870006)		0.40	<0.001
E5512933 (4870007)		0.36	0.002
E5512934 (4870008)		0.56	<0.001
E5512935 (4870009)		0.38	0.002
E5512936 (4870010)		0.36	0.001
E5512937 (4870011)		0.50	0.016
E5512938 (4870012)		0.42	0.001
E5512939 (4870013)		0.32	0.002
E5512940 (4870014)		0.38	0.002
E5512941 (4870015)		0.44	<0.001
E5512942 (4870016)		0.32	0.003
E5512943 (4870017)		0.46	<0.001
E5512944 (4870018)		0.48	0.001
E5512945 (4870019)		0.36	<0.001
E5512946 (4870020)		0.38	<0.001
E5512947 (4870021)		0.50	<0.001
E5512948 (4870022)		0.30	<0.001
E5512949 (4870023)		0.26	0.002
E5512950 (4870024)		0.48	0.002
E5512951 (4870025)		0.46	<0.001
E5512952 (4870026)		0.50	0.001
E5512953 (4870027)		0.56	<0.001
E5512954 (4870028)		0.40	0.001
E5512955 (4870029)		0.38	<0.001
E5512956 (4870030)		0.38	<0.001
E5512957 (4870031)		0.36	<0.001
E5512958 (4870032)		0.42	<0.001
E5512959 (4870033)		0.54	<0.001

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 22, 2013

DATE RECEIVED: Oct 22, 2013

DATE REPORTED: Nov 06, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5512960 (4870034)		0.52	0.017
E5512961 (4870035)		0.74	<0.001
E5512962 (4870036)		0.50	<0.001
E5512963 (4870037)		0.46	<0.001
E5512964 (4870038)		0.40	<0.001
E5512965 (4870039)		0.62	0.001
E5512966 (4870040)		0.22	<0.001
E5512967 (4870041)		0.42	<0.001
E5512968 (4870042)		0.30	0.011
E5512969 (4870043)		0.50	0.001
E5512970 (4870044)		0.44	<0.001
E5512971 (4870045)		0.58	0.008
E5512972 (4870046)		0.50	<0.001
E5512973 (4870047)		0.48	<0.001
E5512974 (4870048)		0.50	<0.001
E5512975 (4870049)		0.30	<0.001
E5512976 (4870050)		0.24	0.007
E5512977 (4870051)		0.38	<0.001
E5512978 (4870053)		0.40	<0.001
E5512979 (4870054)		0.34	<0.001
E5512980 (4870055)		0.34	<0.001
E5512981 (4870056)		0.14	<0.001
E5512982 (4870057)		0.28	0.009
E5512983 (4870058)		0.30	<0.001
E5512984 (4870059)		NSS	NSS
E5512985 (4870060)		0.22	<0.001
E5512986 (4870061)		0.28	<0.001
E5512987 (4870062)		0.14	0.012
E5512988 (4870063)		0.14	<0.001
E5512989 (4870064)		0.22	<0.001
E5512990 (4870065)		0.18	0.013

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 22, 2013

DATE RECEIVED: Oct 22, 2013

DATE REPORTED: Nov 06, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5512991 (4870066)		0.22	<0.001
E5512992 (4870067)		0.20	0.083
E5512993 (4870068)		0.16	0.007
E5512994 (4870069)		0.36	<0.001
E5512995 (4870070)		0.42	<0.001
E5512996 (4870071)		0.44	<0.001
E5512997 (4870072)		0.50	0.036
E5512998 (4870073)		0.44	<0.001
E5512999 (4870074)		0.60	0.010
E5513000 (4870075)		0.34	<0.001
E5513001 (4870076)		0.34	0.001
E5513002 (4870077)		0.30	0.006
E5513003 (4870078)		0.48	<0.001
E5513004 (4870079)		0.34	<0.001
E5513005 (4870080)		0.54	0.032
E5513006 (4870081)		0.44	<0.001
E5513007 (4870082)		0.46	0.009
E5513008 (4870083)		0.22	0.002
E5513009 (4870084)		0.18	0.082
E5513010 (4870085)		0.16	0.002
E5513011 (4870086)		0.38	0.008
E5513012 (4870087)		0.24	0.004
E5513013 (4870088)		0.32	0.005
E5513014 (4870089)		0.22	0.006
E5513015 (4870090)		0.24	0.013
E5513016 (4870091)		0.68	0.002
E5513017 (4870092)		0.32	0.002
E5513018 (4870093)		0.34	0.002
E5513019 (4870094)		0.28	0.067
E5513020 (4870095)		0.44	1.37
E5513021 (4870096)		0.34	0.018

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U773459

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Oct 22, 2013

DATE RECEIVED: Oct 22, 2013

DATE REPORTED: Nov 06, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5513022 (4870097)		0.24	0.440
E5513023 (4870098)		0.28	0.007
E5513024 (4870099)		0.14	0.015
E5513025 (4870100)		0.34	0.007
E5513026 (4870101)		0.44	0.010
E5513027 (4870102)		0.38	0.727
E5513028 (4870103)		0.40	0.006
E5513029 (4870104)		0.34	0.002
E5513030 (4870105)		0.34	0.003
E5513031 (4870106)		0.42	0.002
E5513032 (4870107)		0.28	<0.001
E5513033 (4870108)		0.18	0.002
E5513034 (4870109)		0.40	1.04
E5513035 (4870110)		0.36	0.005
E5513036 (4870111)		0.64	0.004
E5513037 (4870112)		0.20	0.010
E5513038 (4870113)		0.28	0.004
E5513039 (4870114)		0.22	0.006
E5513040 (4870115)		0.54	0.016
E5513041 (4870116)		0.16	0.013
E5513042 (4870117)		0.52	0.008
E5513043 (4870118)		0.36	0.111

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	E5513028	0.2	0.2	0.0%	E5513029	< 0.2	< 0.2	0.0%	E5513043	0.2	0.2	0.0%				
Al	E5513028	1.66	1.64	1.2%	E5513029	1.31	1.64	22.4%	E5513043	1.06	1.05	0.9%				
As	E5513028	8	4		E5513029	10	8	22.2%	E5513043	6	8	28.6%				
B	E5513028	< 5	< 5	0.0%	E5513029	< 5	< 5	0.0%	E5513043	< 5	< 5	0.0%				
Ba	E5513028	50	49	2.0%	E5513029	34	49		E5513043	40	40	0.0%				
Be	E5513028	< 0.5	< 0.5	0.0%	E5513029	< 0.5	< 0.5	0.0%	E5513043	< 0.5	< 0.5	0.0%				
Bi	E5513028	< 1	< 1	0.0%	E5513029	< 1	< 1	0.0%	E5513043	< 1	< 1	0.0%				
Ca	E5513028	0.414	0.439	5.9%	E5513029	0.12	0.30		E5513043	0.228	0.225	1.3%				
Cd	E5513028	< 0.5	< 0.5	0.0%	E5513029	< 0.5	< 0.5	0.0%	E5513043	< 0.5	< 0.5	0.0%				
Ce	E5513028	16	17	6.1%	E5513029	15	14	6.9%	E5513043	19	19	0.0%				
Co	E5513028	19.9	21.2	6.3%	E5513029	11.4	14.6	24.6%	E5513043	18.7	19.4	3.7%				
Cr	E5513028	130	137	5.2%	E5513029	88.3	99	11.4%	E5513043	54.7	55.3	1.1%				
Cu	E5513028	22.5	22.8	1.3%	E5513029	14.7	19.5	28.1%	E5513043	22.9	22.6	1.3%				
Fe	E5513028	3.24	3.43	5.7%	E5513029	3.36	3.24	3.6%	E5513043	1.79	1.78	0.6%				
Ga	E5513028	11	11	0.0%	E5513029	16	11		E5513043	8	8	0.0%				
Hg	E5513028	1	< 1		E5513029	< 1	< 1	0.0%	E5513043	< 1	< 1	0.0%				
In	E5513028	2	2	0.0%	E5513029	3	3	0.0%	E5513043	1	2					
K	E5513028	0.055	0.053	3.7%	E5513029	0.05	0.05	0.0%	E5513043	0.04	0.04	0.0%				
La	E5513028	8	8	0.0%	E5513029	8	7	13.3%	E5513043	9	9	0.0%				
Li	E5513028	17	16	6.1%	E5513029	7	7	0.0%	E5513043	9	9	0.0%				
Mg	E5513028	1.03	1.14	10.1%	E5513029	0.28	0.44		E5513043	0.387	0.381	1.6%				
Mn	E5513028	432	482	10.9%	E5513029	200	285		E5513043	556	558	0.4%				
Mo	E5513028	2.48	2.24	10.2%	E5513029	8.4	6.6	24.0%	E5513043	2.12	1.74	19.7%				
Na	E5513028	0.02	0.02	0.0%	E5513029	< 0.01	< 0.01	0.0%	E5513043	< 0.01	< 0.01	0.0%				
Ni	E5513028	73.2	76.2	4.0%	E5513029	29.5	43.2	37.7%	E5513043	43.0	43.1	0.2%				
P	E5513028	531	539	1.5%	E5513029	207	550		E5513043	381	384	0.8%				
Pb	E5513028	10.0	12.1	19.0%	E5513029	11.4	12.6	10.0%	E5513043	22.5	23.1	2.6%				
Rb	E5513028	15	14	6.9%	E5513029	15	15	0.0%	E5513043	11	11	0.0%				
S	E5513028	0.028	0.026	7.4%	E5513029	0.015	0.029		E5513043	0.0298	0.0292	2.0%				
Sb	E5513028	< 1	2		E5513029	< 1	< 1	0.0%	E5513043	< 1	< 1	0.0%				
Sc	E5513028	4.5	4.5	0.0%	E5513029	2.9	3.3	12.9%	E5513043	2.2	2.2	0.0%				





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	E5513028	< 10	< 10	0.0%	E5513029	< 10	< 10	0.0%	E5513043	< 10	< 10	0.0%				
Sn	E5513028	11	10	9.5%	E5513029	12	9	28.6%	E5513043	6	6	0.0%				
Sr	E5513028	17.0	16.6	2.4%	E5513029	9.3	13.1	33.9%	E5513043	13.8	13.6	1.5%				
Ta	E5513028	< 10	< 10	0.0%	E5513029	< 10	< 10	0.0%	E5513043	< 10	< 10	0.0%				
Te	E5513028	< 10	< 10	0.0%	E5513029	< 10	< 10	0.0%	E5513043	< 10	< 10	0.0%				
Th	E5513028	< 5	< 5	0.0%	E5513029	< 5	< 5	0.0%	E5513043	< 5	< 5	0.0%				
Ti	E5513028	0.17	0.17	0.0%	E5513029	0.217	0.164	27.8%	E5513043	0.08	0.08	0.0%				
Tl	E5513028	< 5	< 5	0.0%	E5513029	< 5	< 5	0.0%	E5513043	< 5	< 5	0.0%				
U	E5513028	< 5	< 5	0.0%	E5513029	< 5	< 5	0.0%	E5513043	< 5	< 5	0.0%				
V	E5513028	89.5	92.0	2.8%	E5513029	152	89.1		E5513043	59.3	59.3	0.0%				
W	E5513028	< 1	< 1	0.0%	E5513029	< 1	< 1	0.0%	E5513043	< 1	< 1	0.0%				
Y	E5513028	4	4	0.0%	E5513029	2	2	0.0%	E5513043	3	3	0.0%				
Zn	E5513028	47.4	45.9	3.2%	E5513029	31.6	35.6	11.9%	E5513043	40.2	39.0	3.0%				
Zr	E5513028	< 5	< 5	0.0%	E5513029	< 5	< 5	0.0%	E5513043	< 5	< 5	0.0%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5513024	0.015	0.009		E5512942	0.0028	0.0037	27.7%	E5512953	< 0.001	0.002		E5512956	< 0.001	< 0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E5512978	< 0.001	< 0.001	0.0%	E5513003	< 0.001	< 0.001	0.0%								



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

**Aqua Regia Digest - Metals Package, ICP-OES finish (201073)**

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (1P5F)				CRM #4 (GS7E)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	171	93%	90% - 110%	184	171	93%	90% - 110%								
Cu	3494	3239	93%	90% - 110%	3494	3266	93%	90% - 110%								
Ni	2985	2692	90%	90% - 110%	2985	2691	90%	90% - 110%								

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	CRM #1 (GS7E)				CRM #2 (CM14)				CRM #3 (1P5F)				CRM #4 (GS7E)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	7.4	6.8	92%	90% - 110%	0.792	0.793	100%	90% - 110%	1.40	1.31	93%	90% - 110%	7.4	7.7	104%	90% - 110%



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U773459

PROJECT NO: Soil Sampling Project

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: SOIL SAMPLING PROJECT

AGAT WORK ORDER: 13U777868

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Nov 27, 2013

PAGES (INCLUDING COVER): 31

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U777868

PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013		DATE REPORTED: Nov 27, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697084 (4909754)	0.2	0.61	<1	5	26	<0.5	<1	0.15	<0.5	13	4.3	17.2	3.8	1.50
E5697085 (4909755)	0.2	1.14	<1	5	18	<0.5	<1	0.11	<0.5	17	2.3	19.1	3.3	1.30
E5697086 (4909756)	0.3	1.13	1	5	20	<0.5	<1	0.15	<0.5	15	3.0	19.7	3.9	1.52
E5697087 (4909757)	0.4	1.11	<1	5	15	<0.5	<1	0.12	<0.5	14	5.0	29.2	6.3	2.19
E5697088 (4909758)	0.5	1.43	<1	5	15	<0.5	<1	0.15	<0.5	17	6.5	34.8	7.7	1.44
E5697089 (4909759)	<0.2	0.15	<1	5	9	<0.5	<1	0.02	<0.5	19	1.0	2.5	0.8	0.09
E5697090 (4909760)	0.3	0.44	<1	5	11	<0.5	<1	0.06	<0.5	17	1.9	8.3	2.2	0.48
E5697091 (4909761)	0.3	0.39	6	7	68	<0.5	<1	2.72	<0.5	7	1.9	5.7	17.1	0.27
E5697092 (4909762)	<0.2	1.29	1	5	14	<0.5	<1	0.15	<0.5	14	5.6	28.6	4.8	1.62
E5697093 (4909764)	0.2	1.29	<1	5	14	<0.5	<1	0.17	<0.5	14	3.6	23.2	2.3	0.96
E5697094 (4909765)	0.2	1.36	<1	5	22	<0.5	<1	0.14	<0.5	15	4.7	31.3	2.4	1.22
E5697095 (4909766)	0.2	0.65	<1	5	26	<0.5	<1	0.12	<0.5	17	3.2	16.4	4.6	1.35
E5697096 (4909767)	0.3	0.24	1	5	16	<0.5	<1	0.05	<0.5	17	1.1	4.4	1.3	0.19
E5697097 (4909768)	0.2	0.58	<1	5	18	<0.5	<1	0.11	<0.5	18	2.4	11.9	5.2	0.78
E5697098 (4909769)	0.4	1.57	3	5	40	0.7	<1	0.21	<0.5	27	23.8	43.5	58.7	2.28
E5697099 (4909770)	0.2	0.80	1	5	9	<0.5	<1	0.04	<0.5	15	1.8	11.8	2.4	1.00
E5697100 (4909771)	0.2	0.08	<1	5	5	<0.5	<1	0.02	<0.5	18	0.5	2.4	0.7	0.10
E5697101 (4909772)	0.3	1.40	4	5	38	0.6	<1	0.35	<0.5	29	26.8	31.6	51.3	2.20
E5697102 (4909774)	0.3	1.23	2	5	19	<0.5	<1	0.11	<0.5	15	5.0	35.1	8.7	2.26
E5697103 (4909775)	0.3	0.49	2	5	41	<0.5	<1	0.57	<0.5	14	10.6	15.5	7.6	1.21
E5697104 (4909776)	0.2	1.43	<1	5	18	<0.5	<1	0.11	<0.5	17	5.2	32.7	2.6	1.12
E5697105 (4909777)	0.2	1.61	2	5	20	<0.5	<1	0.12	<0.5	18	4.7	35.1	2.8	1.24
E5697106 (4909778)	0.2	0.22	<1	5	11	<0.5	<1	0.04	<0.5	15	1.3	4.0	3.2	0.23
E5697107 (4909779)	0.3	1.47	2	5	12	<0.5	<1	0.07	<0.5	15	3.0	29.4	6.7	1.67
E5697108 (4909780)	<0.2	0.10	<1	5	7	<0.5	<1	0.02	<0.5	18	0.9	2.3	1.0	0.13
E5697109 (4909781)	<0.2	1.08	<1	5	19	<0.5	<1	0.09	<0.5	15	5.2	26.5	7.3	3.18
E5697110 (4909782)	<0.2	0.84	<1	5	16	<0.5	<1	0.08	<0.5	15	4.4	18.5	7.5	2.86
E5697111 (4909783)	0.3	0.72	<1	5	14	<0.5	<1	0.06	<0.5	17	3.3	17.3	2.8	1.45
E5697112 (4909784)	0.4	0.60	2	5	73	<0.5	<1	1.62	1.0	13	3.1	6.6	58.6	0.29
E5697113 (4909785)	0.3	0.16	1	5	84	<0.5	<1	0.69	0.8	3	0.9	3.8	14.8	0.20
E5697114 (4909786)	0.2	1.50	2	5	14	<0.5	<1	0.11	<0.5	13	4.7	28.3	3.2	1.54
E5697115 (4909787)	0.2	0.51	<1	5	22	<0.5	<1	0.18	<0.5	22	2.8	17.9	3.3	0.37

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013		DATE REPORTED: Nov 27, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697116 (4909788)	0.2	1.55	2	♂	16	<0.5	<1	0.18	<0.5	20	4.3	32.1	3.5	1.21
E5697117 (4909789)	0.3	0.15	<1	♂	8	<0.5	<1	0.03	<0.5	18	0.9	2.8	1.1	0.11
E5697118 (4909790)	0.3	0.75	<1	♂	19	<0.5	<1	0.14	<0.5	17	11.0	24.2	53.4	0.88
E5697119 (4909791)	0.5	0.66	<1	♂	17	<0.5	<1	0.13	<0.5	15	4.9	18.7	39.1	0.73
E5697120 (4909792)	0.3	0.87	1	♂	18	<0.5	<1	0.19	<0.5	17	15.8	24.9	21.8	1.54
E5697121 (4909793)	0.4	0.48	<1	♂	15	<0.5	<1	0.11	<0.5	19	3.9	9.8	16.3	0.36
E5697122 (4909794)	0.2	0.12	<1	♂	7	<0.5	<1	0.03	<0.5	16	0.8	2.9	1.2	0.11
E5697123 (4909795)	1.1	0.76	<1	8	81	1.6	2	2.80	0.8	32	10.8	17.5	236	0.32
E5697124 (4909796)	0.3	0.38	2	6	61	<0.5	<1	2.05	<0.5	7	2.1	13.5	22.9	0.28
E5697125 (4909797)	0.4	0.22	2	♂	92	<0.5	<1	0.59	0.7	4	1.9	5.0	15.1	0.22
E5697126 (4909798)	0.3	1.48	1	♂	22	<0.5	<1	0.12	<0.5	14	5.7	34.1	7.0	1.76
E5697127 (4909799)	0.2	1.41	2	♂	19	<0.5	<1	0.09	<0.5	14	3.6	25.6	3.5	1.31
E5697128 (4909800)	0.3	0.90	2	♂	27	<0.5	<1	0.15	<0.5	19	4.9	28.6	14.5	0.87
E5697129 (4909801)	0.2	1.06	1	♂	18	<0.5	<1	0.13	<0.5	17	3.7	24.7	11.3	0.78
E5697130 (4909802)	0.3	0.98	2	♂	35	<0.5	<1	0.31	<0.5	18	4.8	25.1	63.2	0.89
E5697131 (4909803)	0.4	0.46	5	♂	73	<0.5	<1	0.87	1.2	15	6.7	16.0	45.7	0.56
E5697132 (4909804)	0.3	0.63	<1	♂	24	<0.5	<1	0.16	<0.5	15	3.6	27.7	15.6	0.81
E5697133 (4909805)	0.2	1.98	4	♂	22	<0.5	<1	0.11	<0.5	13	3.9	31.8	2.5	1.61
E5697134 (4909806)	0.3	1.29	<1	♂	14	<0.5	<1	0.06	<0.5	13	3.6	29.6	3.9	1.41
E5697135 (4909807)	0.2	0.11	<1	♂	46	<0.5	<1	1.23	<0.5	1	<0.5	2.2	4.8	0.10
E5697136 (4909808)	0.2	0.87	<1	♂	12	<0.5	<1	0.04	<0.5	13	1.8	15.9	1.2	0.86
E5697137 (4909809)	0.2	1.88	2	♂	20	<0.5	<1	0.08	<0.5	16	3.1	25.7	2.1	1.36
E5697138 (4909810)	0.2	0.60	2	♂	30	<0.5	<1	0.19	<0.5	13	4.2	19.3	8.0	0.75
E5697139 (4909811)	0.3	1.22	<1	♂	38	<0.5	<1	0.20	<0.5	20	5.8	27.6	10.7	1.72
E5697140 (4909812)	0.3	1.17	<1	♂	19	<0.5	<1	0.07	<0.5	15	3.3	20.1	3.8	1.31
E5697141 (4909813)	0.6	0.70	6	♂	56	<0.5	<1	2.29	0.7	16	2.1	12.3	304	0.38
E5697142 (4909814)	<0.2	0.41	<1	♂	7	<0.5	<1	0.05	<0.5	14	1.1	6.4	2.5	0.20
E5697143 (4909815)	<0.2	0.82	13	8	139	<0.5	2	1.99	3.1	42	48.7	13.0	94.8	1.76
E5697144 (4909816)	0.3	1.30	<1	♂	21	<0.5	<1	0.07	<0.5	13	4.3	25.9	2.2	1.36
E5697145 (4909817)	0.3	0.62	<1	♂	14	<0.5	<1	0.05	<0.5	14	1.8	10.6	2.2	0.62
E5697146 (4909818)	0.4	0.45	5	6	61	<0.5	<1	2.39	0.6	13	1.6	13.2	103	0.50
E5697147 (4909819)	0.2	1.32	2	♂	31	<0.5	<1	0.22	<0.5	11	5.5	295	13.0	1.64

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013		DATE REPORTED: Nov 27, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697148 (4909820)	0.2	0.69	2	<5	18	<0.5	<1	0.08	<0.5	15	2.2	16.0	2.4	0.72
E5697149 (4909821)	0.2	0.48	<1	<5	13	<0.5	<1	0.08	<0.5	15	3.1	16.2	2.3	0.66
E5697150 (4909822)	0.3	0.22	6	6	27	<0.5	<1	2.27	0.6	3	4.3	5.0	19.6	0.32
E5697151 (4909823)	0.4	0.35	<1	6	24	<0.5	<1	2.32	<0.5	5	2.7	9.5	19.3	0.24
E5697152 (4909824)	<0.2	1.01	<1	<5	10	<0.5	<1	0.11	<0.5	16	4.4	25.5	3.4	0.83
E5697153 (4909825)	0.3	0.34	<1	<5	12	<0.5	<1	0.13	<0.5	14	1.4	8.2	2.1	0.29
E5697154 (4909826)	0.2	0.74	<1	<5	8	<0.5	<1	0.06	<0.5	14	1.8	10.7	1.2	0.56
E5697155 (4909827)	0.2	1.21	<1	<5	18	<0.5	<1	0.07	<0.5	13	3.9	23.7	2.3	1.31
E5697156 (4909828)	<0.2	0.15	1	<5	27	<0.5	<1	0.05	0.5	14	0.7	4.0	13.4	0.38
E5697157 (4909829)	<0.2	1.06	3	<5	33	0.6	<1	0.31	<0.5	23	13.1	28.2	10.5	3.77
E5697158 (4909830)	0.4	0.66	2	7	68	<0.5	<1	2.86	0.7	18	3.8	14.9	136	0.31
E5697159 (4909831)	0.2	1.00	3	<5	7	<0.5	<1	0.03	<0.5	12	1.2	9.7	1.1	0.53
E5697160 (4909832)	<0.2	0.66	<1	<5	13	<0.5	<1	0.13	<0.5	20	4.1	26.6	15.6	0.87
E5697161 (4909833)	0.5	0.68	4	7	65	<0.5	<1	2.53	<0.5	14	7.8	14.6	67.8	0.63
E5697162 (4909834)	0.4	0.64	3	8	67	<0.5	<1	2.42	0.7	16	10.1	13.3	56.8	0.81
E5697163 (4909835)	0.2	1.51	<1	<5	18	<0.5	<1	0.09	<0.5	13	4.4	23.0	3.4	1.16
E5697164 (4909836)	0.2	1.21	<1	<5	18	<0.5	<1	0.12	<0.5	14	5.5	23.7	3.0	0.92
E5697165 (4909837)	<0.2	0.12	3	6	49	<0.5	<1	1.46	0.8	3	3.6	3.6	27.4	0.29
E5697166 (4909838)	0.2	0.21	<1	<5	10	<0.5	<1	0.06	<0.5	12	1.3	6.7	2.7	0.43
E5697167 (4909839)	0.3	0.85	<1	<5	10	<0.5	<1	0.05	<0.5	17	1.6	12.6	3.6	0.78
E5697168 (4909840)	0.3	0.21	<1	<5	67	<0.5	<1	0.67	1.1	6	21.6	5.8	18.9	0.29
E5697169 (4909841)	0.4	0.50	3	<5	55	<0.5	<1	1.47	<0.5	19	3.6	18.0	61.4	0.47
E5697170 (4909842)	0.2	2.08	<1	<5	18	<0.5	<1	0.09	<0.5	15	3.3	31.9	2.8	1.64
E5697171 (4909843)	0.3	0.70	3	<5	37	<0.5	<1	0.31	<0.5	24	3.7	32.6	17.5	0.47
E5697172 (4909844)	0.2	0.55	<1	<5	12	<0.5	<1	0.04	<0.5	15	1.9	9.9	1.7	0.52
E5697173 (4909845)	0.3	0.41	<1	<5	21	<0.5	<1	0.06	<0.5	15	3.0	9.9	2.9	1.22
E5697174 (4909846)	0.2	1.24	<1	<5	28	<0.5	<1	0.08	<0.5	15	3.1	21.1	1.9	1.21
E5697175 (4909847)	0.3	0.70	<1	<5	27	<0.5	<1	0.07	<0.5	14	2.3	13.5	1.5	1.04
E5697176 (4909848)	0.2	0.93	<1	<5	16	<0.5	<1	0.14	<0.5	19	4.4	27.9	7.9	0.98
E5697177 (4909849)	0.3	1.19	2	<5	19	<0.5	<1	0.07	<0.5	14	3.3	23.2	3.5	1.13
E5697178 (4909850)	0.5	1.96	2	<5	50	1.0	<1	0.39	<0.5	52	7.8	48.5	50.3	1.75
E5697179 (4909851)	0.3	1.96	8	<5	18	<0.5	<1	0.07	<0.5	16	10.1	29.0	6.5	1.52

Certified By:



## Certificate of Analysis

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PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013		DATE REPORTED: Nov 27, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697180 (4909852)	0.3	0.39	<1	5	20	<0.5	<1	0.24	<0.5	22	2.9	21.4	19.8	0.33
E5697181 (4909854)	0.3	0.96	7	5	53	<0.5	<1	1.02	<0.5	29	8.5	33.9	32.7	0.94
E5697182 (4909855)	0.2	1.56	4	5	73	<0.5	<1	0.45	<0.5	35	15.5	46.6	8.4	2.09
E5697183 (4909856)	0.2	0.68	<1	5	21	<0.5	<1	0.10	<0.5	14	3.2	20.6	5.1	0.72
E5697184 (4909857)	<0.2	0.67	<1	5	16	<0.5	<1	0.11	<0.5	11	5.1	18.9	6.2	1.18
E5697185 (4909858)	0.2	1.20	<1	5	16	<0.5	<1	0.07	<0.5	15	3.4	21.8	4.3	0.92
E5697186 (4909859)	0.2	0.80	<1	5	17	<0.5	<1	0.07	<0.5	14	2.5	15.0	1.5	1.24
E5697187 (4909860)	0.2	0.64	3	5	13	<0.5	<1	0.06	<0.5	15	2.3	14.2	3.0	0.72
E5697188 (4909861)	<0.2	0.49	1	5	13	<0.5	<1	0.22	<0.5	20	4.5	27.7	19.6	0.71
E5697189 (4909862)	0.2	1.50	<1	5	13	<0.5	<1	0.05	<0.5	13	1.8	20.4	3.0	1.03
E5697190 (4909863)	0.2	1.16	<1	5	15	<0.5	<1	0.15	<0.5	18	4.7	32.1	3.0	1.16
E5697191 (4909864)	0.2	0.61	<1	5	32	<0.5	<1	0.25	<0.5	19	5.9	23.9	6.5	0.58
E5697192 (4909865)	<0.2	0.92	<1	5	37	<0.5	<1	0.26	<0.5	23	7.1	46.1	11.7	1.17
E5697193 (4909866)	0.3	1.69	3	5	29	<0.5	<1	0.14	<0.5	12	5.9	29.9	5.9	2.09
E5697194 (4909867)	0.2	1.03	2	5	12	<0.5	<1	0.08	<0.5	14	4.3	20.8	3.9	1.13
E5697195 (4909868)	<0.2	0.23	<1	5	9	<0.5	<1	0.03	<0.5	14	1.0	4.1	0.9	0.09
E5697196 (4909869)	0.2	0.35	<1	5	13	<0.5	<1	0.08	<0.5	18	2.8	12.0	3.2	0.52
E5697197 (4909870)	0.2	1.08	<1	5	15	<0.5	<1	0.09	<0.5	14	3.5	22.0	1.7	1.22
E5697198 (4909871)	0.2	0.20	<1	5	8	<0.5	<1	0.03	<0.5	17	0.8	3.2	2.0	0.18
E5697199 (4909872)	0.2	0.97	<1	5	10	<0.5	<1	0.11	<0.5	16	3.2	22.2	5.4	0.77
E5697200 (4909873)	0.2	0.57	<1	5	12	<0.5	<1	0.12	<0.5	15	2.7	21.7	2.6	0.33
E5697201 (4909874)	0.2	0.69	8	5	21	<0.5	<1	0.18	<0.5	16	12.2	27.6	9.3	0.72
E5697202 (4909875)	<0.2	1.02	<1	5	49	<0.5	<1	0.43	<0.5	29	8.1	42.1	7.5	1.23
E5697203 (4909876)	0.2	0.68	2	5	31	<0.5	<1	0.45	<0.5	23	5.8	35.4	6.1	0.87
E5697204 (4909877)	0.2	0.42	<1	5	12	<0.5	<1	0.18	<0.5	17	3.6	19.6	3.1	0.50
E5697205 (4909878)	0.2	0.34	<1	5	17	<0.5	<1	0.07	<0.5	14	1.9	8.4	2.0	0.35
E5697206 (4909879)	<0.2	0.69	<1	5	18	<0.5	<1	0.08	<0.5	15	2.5	14.1	3.3	0.66
E5697207 (4909880)	0.2	0.81	3	5	17	<0.5	<1	0.14	<0.5	17	4.6	26.3	9.5	0.91
E5697208 (4909881)	0.2	0.18	<1	5	12	<0.5	1	0.06	<0.5	14	0.8	3.4	1.7	0.12
E5697209 (4909882)	0.2	1.02	2	5	14	<0.5	<1	0.17	<0.5	19	3.9	26.6	7.0	0.79
E5697210 (4909883)	0.4	1.02	<1	5	57	<0.5	<1	0.71	<0.5	27	5.9	28.2	73.4	0.56
E5697211 (4909884)	0.2	0.55	2	5	17	<0.5	<1	0.19	<0.5	15	3.4	22.1	5.2	0.47

Certified By:





## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013				DATE REPORTED: Nov 27, 2013				SAMPLE TYPE: Soil					
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697212 (4909885)	<0.2	0.87	<1	<5	14	<0.5	<1	0.07	<0.5	15	2.7	21.3	1.6	0.76
E5697213 (4909886)	<0.2	1.00	1	<5	54	<0.5	<1	0.80	<0.5	31	5.6	38.3	6.9	1.02
E5697214 (4909887)	<0.2	0.99	1	5	52	<0.5	<1	1.35	<0.5	31	6.8	43.2	8.7	1.21
E5697215 (4909888)	<0.2	1.06	2	<5	60	<0.5	<1	0.69	<0.5	32	8.8	48.6	9.4	1.39

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DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
Sample ID (AGAT ID)														
E5697084 (4909754)	8	1	<1	0.02	6	3	0.11	126	1.9	<0.01	5.8	257	7.0	<10
E5697085 (4909755)	6	<1	<1	0.02	8	5	0.09	47	1.1	<0.01	5.3	220	7.4	<10
E5697086 (4909756)	7	<1	1	0.02	7	5	0.09	61	1.8	<0.01	5.4	258	7.6	<10
E5697087 (4909757)	7	<1	<1	0.02	6	8	0.18	130	1.4	<0.01	9.7	291	7.4	<10
E5697088 (4909758)	<5	2	<1	0.02	7	9	0.25	90	<0.5	<0.01	15.8	275	9.1	<10
E5697089 (4909759)	<5	<1	<1	<0.01	9	<1	0.01	15	<0.5	<0.01	1.0	43	4.6	<10
E5697090 (4909760)	<5	<1	<1	0.01	8	2	0.05	34	<0.5	<0.01	2.9	102	5.5	<10
E5697091 (4909761)	<5	1	<1	0.02	6	<1	0.13	34	4.2	<0.01	7.9	555	17.1	<10
E5697092 (4909762)	<5	<1	1	0.02	6	7	0.17	112	0.6	<0.01	11.4	157	6.4	<10
E5697093 (4909764)	<5	<1	<1	0.01	6	4	0.13	53	0.7	<0.01	10.7	300	4.1	<10
E5697094 (4909765)	<5	<1	<1	0.03	7	6	0.21	118	0.8	<0.01	14.7	319	7.1	<10
E5697095 (4909766)	10	<1	<1	0.03	8	4	0.11	65	0.9	<0.01	5.3	137	4.6	<10
E5697096 (4909767)	<5	<1	<1	0.02	8	<1	0.02	23	<0.5	<0.01	1.3	78	3.7	<10
E5697097 (4909768)	6	<1	<1	0.03	8	5	0.09	42	0.8	<0.01	4.4	96	4.3	<10
E5697098 (4909769)	6	<1	<1	0.05	11	11	0.26	676	14.5	<0.01	16.2	548	14.9	12
E5697099 (4909770)	6	<1	<1	0.01	7	3	0.04	59	0.6	<0.01	2.5	173	4.8	<10
E5697100 (4909771)	<5	<1	<1	<0.01	8	<1	<0.01	13	<0.5	<0.01	0.7	33	1.4	<10
E5697101 (4909772)	<5	1	<1	0.04	14	7	0.25	1440	9.7	<0.01	16.2	861	22.2	<10
E5697102 (4909774)	10	<1	2	0.03	7	7	0.18	110	1.3	<0.01	12.5	216	17.6	<10
E5697103 (4909775)	<5	<1	<1	0.02	7	3	0.10	696	3.1	<0.01	7.7	324	12.2	<10
E5697104 (4909776)	<5	<1	<1	0.02	8	7	0.21	73	0.6	<0.01	17.6	273	6.0	<10
E5697105 (4909777)	<5	<1	<1	0.02	8	7	0.22	83	1.4	<0.01	16.7	394	6.2	<10
E5697106 (4909778)	<5	<1	<1	0.01	7	<1	0.02	15	0.9	<0.01	1.8	120	6.3	<10
E5697107 (4909779)	8	<1	<1	0.02	7	5	0.15	50	1.1	<0.01	8.8	292	8.5	<10
E5697108 (4909780)	<5	<1	<1	<0.01	9	<1	0.01	16	<0.5	<0.01	0.7	41	3.7	<10
E5697109 (4909781)	21	1	1	0.04	7	5	0.18	64	4.9	<0.01	9.1	225	8.7	<10
E5697110 (4909782)	17	<1	<1	0.03	7	3	0.11	50	4.5	<0.01	6.6	220	8.0	<10
E5697111 (4909783)	8	1	<1	0.02	8	3	0.09	51	2.6	<0.01	5.4	118	6.3	<10
E5697112 (4909784)	<5	<1	<1	0.01	9	<1	0.07	30	40.2	<0.01	9.2	557	11.3	<10
E5697113 (4909785)	<5	<1	<1	0.04	2	<1	0.04	36	2.0	<0.01	6.0	503	35.5	<10
E5697114 (4909786)	5	2	2	0.02	6	5	0.14	79	<0.5	<0.01	11.5	246	11.0	<10
E5697115 (4909787)	<5	<1	<1	0.02	10	5	0.15	48	0.9	<0.01	8.2	298	6.0	<10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868

PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
Sample ID (AGAT ID)														
E5697116 (4909788)	<5	<1	<1	0.02	9	7	0.22	69	<0.5	<0.01	14.7	391	6.1	<10
E5697117 (4909789)	<5	<1	<1	0.01	9	<1	0.01	16	<0.5	<0.01	1.1	46	5.3	<10
E5697118 (4909790)	<5	<1	<1	0.03	8	8	0.24	380	2.1	<0.01	12.9	180	4.9	<10
E5697119 (4909791)	<5	<1	<1	0.03	8	6	0.18	141	1.5	<0.01	10.1	283	6.5	<10
E5697120 (4909792)	5	2	<1	0.03	8	8	0.28	662	3.9	<0.01	11.9	336	6.6	<10
E5697121 (4909793)	<5	<1	<1	0.02	9	4	0.09	100	1.8	<0.01	5.3	130	5.8	<10
E5697122 (4909794)	<5	<1	<1	<0.01	8	<1	0.01	16	<0.5	<0.01	0.9	28	2.9	<10
E5697123 (4909795)	<5	4	<1	0.01	38	<1	0.14	249	13.0	<0.01	12.5	918	27.0	<10
E5697124 (4909796)	<5	<1	<1	0.03	5	2	0.16	243	4.2	<0.01	5.2	654	10.1	<10
E5697125 (4909797)	<5	<1	<1	0.07	2	<1	0.06	269	2.1	<0.01	9.0	639	38.2	<10
E5697126 (4909798)	<5	<1	1	0.02	6	7	0.21	168	<0.5	<0.01	14.4	529	7.2	<10
E5697127 (4909799)	<5	1	<1	0.02	7	5	0.13	92	<0.5	<0.01	10.2	257	9.0	<10
E5697128 (4909800)	<5	<1	<1	0.03	10	8	0.26	129	2.3	<0.01	13.2	268	7.3	<10
E5697129 (4909801)	<5	<1	<1	0.02	8	7	0.21	67	1.3	<0.01	12.7	343	5.4	<10
E5697130 (4909802)	<5	<1	<1	0.03	11	7	0.22	365	1.9	<0.01	17.4	507	8.6	<10
E5697131 (4909803)	<5	<1	<1	0.07	10	2	0.12	286	3.4	<0.01	14.6	915	55.4	<10
E5697132 (4909804)	<5	1	<1	0.02	6	5	0.25	66	0.6	<0.01	18.8	172	4.9	<10
E5697133 (4909805)	7	2	<1	0.02	6	6	0.17	60	<0.5	<0.01	10.5	247	9.7	<10
E5697134 (4909806)	5	<1	1	0.02	6	5	0.12	67	0.5	<0.01	9.5	200	5.9	<10
E5697135 (4909807)	<5	<1	<1	<0.01	1	<1	0.08	14	2.6	<0.01	2.0	295	5.9	<10
E5697136 (4909808)	5	<1	<1	0.01	6	2	0.05	20	<0.5	<0.01	4.2	89	4.7	<10
E5697137 (4909809)	7	<1	<1	0.02	8	6	0.11	108	<0.5	<0.01	8.9	362	12.1	<10
E5697138 (4909810)	<5	<1	<1	0.02	6	6	0.20	123	5.2	<0.01	11.4	142	4.1	<10
E5697139 (4909811)	6	<1	<1	0.03	10	10	0.28	196	1.2	<0.01	14.0	293	9.5	11
E5697140 (4909812)	6	<1	<1	0.02	7	7	0.11	199	<0.5	<0.01	6.3	646	7.8	<10
E5697141 (4909813)	<5	<1	<1	0.02	30	<1	0.07	130	4.7	0.02	9.4	912	15.2	<10
E5697142 (4909814)	<5	<1	<1	0.01	6	2	0.04	16	<0.5	<0.01	1.9	55	4.3	<10
E5697143 (4909815)	<5	2	<1	0.06	24	1	0.12	11300	13.8	<0.01	22.0	1150	95.0	<10
E5697144 (4909816)	<5	<1	<1	0.02	6	7	0.12	62	<0.5	<0.01	11.0	261	6.7	<10
E5697145 (4909817)	<5	<1	<1	0.01	7	3	0.06	27	<0.5	<0.01	4.3	91	6.9	<10
E5697146 (4909818)	<5	1	<1	0.01	13	<1	0.19	191	6.8	<0.01	8.3	608	13.6	<10
E5697147 (4909819)	<5	<1	1	0.01	6	4	0.81	115	2.4	0.01	89.4	357	13.4	<10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868

PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5697148 (4909820)	<5	<1	<1	0.02	7	4	0.11	42	0.6	<0.01	7.0	188	6.5	<10
E5697149 (4909821)	<5	<1	<1	0.02	7	4	0.13	81	0.9	<0.01	7.1	83	5.9	<10
E5697150 (4909822)	<5	<1	<1	0.01	3	<1	0.15	350	9.1	<0.01	6.6	670	19.9	<10
E5697151 (4909823)	<5	1	<1	0.01	4	<1	0.16	54	8.6	<0.01	6.3	526	11.8	<10
E5697152 (4909824)	<5	<1	<1	0.02	7	5	0.19	54	1.2	<0.01	14.9	170	4.2	<10
E5697153 (4909825)	<5	<1	<1	0.01	8	1	0.05	16	1.4	<0.01	4.2	126	3.4	<10
E5697154 (4909826)	<5	<1	<1	0.01	8	3	0.05	19	1.8	<0.01	3.2	85	4.0	<10
E5697155 (4909827)	<5	<1	<1	0.02	6	6	0.12	53	0.6	<0.01	9.5	264	5.9	<10
E5697156 (4909828)	<5	1	<1	0.02	6	<1	0.01	33	1.1	<0.01	5.3	224	24.0	<10
E5697157 (4909829)	6	<1	<1	0.03	11	9	0.46	459	3.7	<0.01	16.6	240	14.7	<10
E5697158 (4909830)	<5	<1	<1	0.01	21	<1	0.21	424	9.6	<0.01	9.4	640	10.3	<10
E5697159 (4909831)	<5	<1	<1	<0.01	6	2	0.02	12	<0.5	<0.01	2.0	101	5.9	<10
E5697160 (4909832)	<5	1	<1	0.02	8	5	0.22	61	0.6	<0.01	16.6	276	4.5	<10
E5697161 (4909833)	<5	2	<1	0.02	11	2	0.29	441	8.9	<0.01	9.5	1190	14.4	<10
E5697162 (4909834)	<5	2	<1	0.02	11	2	0.23	908	9.7	<0.01	9.2	1260	22.2	<10
E5697163 (4909835)	5	<1	<1	0.02	6	5	0.11	61	0.5	<0.01	11.7	234	6.5	<10
E5697164 (4909836)	<5	<1	<1	0.02	6	5	0.16	66	<0.5	<0.01	15.5	216	5.4	<10
E5697165 (4909837)	<5	2	<1	0.06	2	<1	0.10	739	3.6	<0.01	8.7	814	31.6	<10
E5697166 (4909838)	<5	<1	<1	0.01	6	1	0.05	33	<0.5	<0.01	3.9	195	11.6	<10
E5697167 (4909839)	5	<1	<1	0.02	8	3	0.06	38	<0.5	<0.01	3.7	263	11.8	<10
E5697168 (4909840)	<5	<1	<1	0.05	3	<1	0.07	824	2.8	<0.01	10.3	555	38.4	<10
E5697169 (4909841)	<5	<1	<1	0.02	13	2	0.18	188	5.6	<0.01	10.7	766	8.5	<10
E5697170 (4909842)	8	<1	1	0.02	7	5	0.12	58	<0.5	<0.01	8.5	376	10.2	<10
E5697171 (4909843)	<5	1	<1	0.02	12	6	0.18	59	5.0	<0.01	14.1	817	0.6	<10
E5697172 (4909844)	<5	<1	<1	0.01	7	2	0.05	38	<0.5	<0.01	4.9	108	4.3	<10
E5697173 (4909845)	5	<1	<1	0.02	7	2	0.05	86	0.6	<0.01	3.7	190	6.6	<10
E5697174 (4909846)	7	<1	<1	0.02	7	4	0.10	87	<0.5	<0.01	9.1	441	8.3	<10
E5697175 (4909847)	7	1	<1	0.02	7	3	0.05	29	0.9	<0.01	3.9	115	6.3	<10
E5697176 (4909848)	<5	1	<1	0.02	7	5	0.21	97	<0.5	<0.01	14.3	331	9.8	<10
E5697177 (4909849)	5	<1	<1	0.02	7	4	0.11	62	0.6	<0.01	8.9	222	10.8	<10
E5697178 (4909850)	<5	1	<1	0.02	21	7	0.15	570	6.9	<0.01	15.5	1020	12.2	<10
E5697179 (4909851)	6	<1	<1	0.02	11	6	0.10	58	11.7	<0.01	7.7	286	15.6	<10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868

PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 27, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697180 (4909852)	<5	<1	<1	0.01	13	3	0.16	54	3.0	<0.01	10.7	625	4.2	<10	
E5697181 (4909854)	<5	<1	<1	0.03	16	8	0.28	797	5.2	<0.01	17.9	959	10.1	<10	
E5697182 (4909855)	5	2	1	0.04	15	22	0.41	139	3.6	<0.01	34.0	356	10.5	<10	
E5697183 (4909856)	<5	<1	<1	0.02	7	5	0.16	44	0.7	<0.01	10.2	188	4.3	<10	
E5697184 (4909857)	5	<1	<1	0.01	5	5	0.22	79	1.1	<0.01	10.1	90	4.8	<10	
E5697185 (4909858)	<5	<1	<1	0.02	7	6	0.09	41	<0.5	<0.01	8.3	179	6.7	<10	
E5697186 (4909859)	8	<1	2	0.01	7	3	0.05	26	<0.5	<0.01	3.5	109	5.8	<10	
E5697187 (4909860)	<5	<1	<1	0.01	7	3	0.08	29	<0.5	<0.01	7.4	130	6.6	<10	
E5697188 (4909861)	<5	<1	<1	0.02	10	4	0.24	84	<0.5	<0.01	20.2	475	4.0	<10	
E5697189 (4909862)	<5	<1	<1	0.01	6	5	0.06	33	<0.5	<0.01	5.4	234	7.1	<10	
E5697190 (4909863)	<5	<1	<1	0.02	8	6	0.22	87	<0.5	<0.01	16.2	440	5.4	<10	
E5697191 (4909864)	<5	<1	<1	0.02	9	5	0.20	93	1.3	<0.01	13.3	395	4.0	<10	
E5697192 (4909865)	<5	<1	<1	0.04	11	8	0.38	154	0.9	<0.01	27.1	336	6.6	<10	
E5697193 (4909866)	9	2	2	0.02	6	6	0.16	98	<0.5	<0.01	12.9	381	11.0	<10	
E5697194 (4909867)	6	1	<1	0.02	7	5	0.17	58	0.7	<0.01	10.5	196	5.5	<10	
E5697195 (4909868)	<5	<1	<1	0.01	7	<1	0.02	14	<0.5	<0.01	1.3	47	7.3	<10	
E5697196 (4909869)	<5	<1	<1	0.02	9	3	0.10	40	1.0	<0.01	6.3	92	6.0	<10	
E5697197 (4909870)	6	<1	<1	0.02	7	5	0.12	48	<0.5	<0.01	8.8	138	6.9	<10	
E5697198 (4909871)	<5	<1	<1	<0.01	8	<1	0.01	20	<0.5	<0.01	1.1	58	2.6	<10	
E5697199 (4909872)	<5	<1	<1	0.02	8	3	0.14	45	<0.5	<0.01	11.7	268	6.6	<10	
E5697200 (4909873)	<5	<1	<1	0.02	7	4	0.17	40	<0.5	<0.01	12.7	272	2.8	<10	
E5697201 (4909874)	<5	<1	<1	0.02	11	6	0.25	68	12.8	<0.01	17.0	299	9.9	<10	
E5697202 (4909875)	<5	<1	<1	0.06	13	11	0.39	201	1.8	0.01	23.7	394	12.0	17	
E5697203 (4909876)	<5	2	<1	0.04	11	8	0.34	139	0.8	0.01	19.9	514	5.9	<10	
E5697204 (4909877)	<5	<1	<1	0.02	7	4	0.18	73	<0.5	<0.01	12.4	389	3.0	<10	
E5697205 (4909878)	<5	<1	<1	0.02	7	2	0.06	25	0.5	<0.01	3.6	88	5.7	<10	
E5697206 (4909879)	<5	<1	<1	0.02	7	4	0.08	81	0.5	<0.01	6.3	184	5.1	<10	
E5697207 (4909880)	<5	<1	<1	0.02	8	5	0.21	99	1.2	<0.01	15.6	327	7.0	<10	
E5697208 (4909881)	<5	<1	<1	0.01	7	<1	0.02	31	0.6	<0.01	1.4	84	5.5	<10	
E5697209 (4909882)	<5	<1	<1	0.03	9	6	0.24	61	<0.5	<0.01	15.9	438	4.0	<10	
E5697210 (4909883)	<5	<1	<1	0.02	16	5	0.19	168	3.4	<0.01	16.4	716	11.9	<10	
E5697211 (4909884)	<5	<1	<1	0.02	7	4	0.19	48	<0.5	<0.01	14.7	382	4.4	<10	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868  
PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 27, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5697212 (4909885)	<5	<1	<1	0.01	7	3	0.12	39	<0.5	<0.01	11.5	165	5.1	<10	
E5697213 (4909886)	<5	<1	<1	0.06	15	10	0.36	165	1.6	0.01	18.5	535	9.9	14	
E5697214 (4909887)	<5	<1	<1	0.08	15	13	0.71	197	1.6	0.02	22.2	574	8.7	19	
E5697215 (4909888)	<5	3	<1	0.09	15	14	0.61	254	0.7	0.02	26.8	560	7.6	20	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 27, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697084 (4909754)	0.015	<1	1.2	<10	6	9.0	<10	<10	<5	0.11	<5	<5	47.1	<1	
E5697085 (4909755)	0.017	<1	1.5	<10	<5	6.5	<10	<10	<5	0.06	<5	<5	30.7	<1	
E5697086 (4909756)	0.022	<1	1.3	<10	<5	8.4	<10	<10	<5	0.07	<5	<5	34.6	<1	
E5697087 (4909757)	0.023	<1	1.8	<10	6	7.6	<10	<10	<5	0.11	<5	<5	46.0	<1	
E5697088 (4909758)	0.019	<1	2.3	<10	<5	6.8	<10	<10	<5	0.08	<5	<5	32.1	<1	
E5697089 (4909759)	<0.005	<1	<0.5	<10	<5	3.3	<10	<10	<5	0.04	<5	<5	6.4	<1	
E5697090 (4909760)	0.011	<1	0.6	<10	<5	4.1	<10	<10	<5	0.04	<5	<5	17.0	<1	
E5697091 (4909761)	0.660	<1	0.9	<10	13	72.0	<10	<10	<5	<0.01	<5	<5	8.3	<1	
E5697092 (4909762)	0.030	<1	2.3	<10	7	7.4	<10	<10	<5	0.10	<5	<5	39.9	<1	
E5697093 (4909764)	0.014	<1	1.6	<10	<5	7.9	<10	<10	<5	0.06	<5	<5	22.0	<1	
E5697094 (4909765)	0.014	<1	1.6	<10	5	7.8	<10	<10	<5	0.07	<5	<5	29.8	<1	
E5697095 (4909766)	0.013	<1	1.5	<10	8	9.4	<10	<10	<5	0.13	<5	<5	49.0	<1	
E5697096 (4909767)	0.007	<1	<0.5	<10	<5	5.4	<10	<10	<5	0.05	<5	<5	12.8	<1	
E5697097 (4909768)	0.009	<1	1.1	<10	5	7.4	<10	<10	<5	0.08	<5	<5	26.6	<1	
E5697098 (4909769)	0.049	1	1.6	10	<5	11.2	<10	<10	<5	0.05	<5	<5	46.6	<1	
E5697099 (4909770)	0.018	<1	0.7	<10	<5	4.2	<10	<10	<5	0.06	<5	<5	29.3	<1	
E5697100 (4909771)	<0.005	<1	<0.5	<10	<5	2.7	<10	<10	<5	0.03	<5	<5	5.9	<1	
E5697101 (4909772)	0.082	2	1.9	<10	<5	13.0	<10	<10	<5	0.03	<5	<5	40.3	<1	
E5697102 (4909774)	0.022	<1	1.7	<10	<5	5.8	<10	<10	<5	0.09	<5	<5	54.1	<1	
E5697103 (4909775)	0.053	<1	1.1	<10	<5	21.5	<10	<10	<5	0.04	<5	<5	18.9	<1	
E5697104 (4909776)	0.014	<1	1.8	<10	<5	6.5	<10	<10	<5	0.06	<5	<5	25.8	<1	
E5697105 (4909777)	0.021	<1	1.9	<10	<5	7.5	<10	<10	<5	0.06	<5	<5	29.7	<1	
E5697106 (4909778)	0.013	<1	<0.5	<10	<5	3.5	<10	<10	<5	0.06	<5	<5	17.4	<1	
E5697107 (4909779)	0.032	<1	1.5	<10	<5	5.1	<10	<10	<5	0.07	<5	<5	37.9	<1	
E5697108 (4909780)	<0.005	<1	<0.5	<10	<5	3.0	<10	<10	<5	0.04	<5	<5	7.7	<1	
E5697109 (4909781)	0.025	<1	1.8	<10	11	7.4	<10	<10	<5	0.21	<5	<5	127	<1	
E5697110 (4909782)	0.024	<1	1.7	<10	11	6.1	<10	<10	<5	0.20	<5	<5	120	<1	
E5697111 (4909783)	0.016	<1	1.2	<10	6	5.0	<10	<10	<5	0.11	<5	<5	42.4	<1	
E5697112 (4909784)	0.918	<1	1.7	<10	9	44.2	<10	<10	<5	<0.01	<5	<5	9.8	<1	
E5697113 (4909785)	0.124	<1	0.5	<10	<5	31.1	<10	<10	<5	<0.01	<5	<5	5.6	<1	
E5697114 (4909786)	0.025	<1	1.6	<10	<5	6.5	<10	<10	<5	0.07	<5	<5	28.8	<1	
E5697115 (4909787)	0.026	<1	0.9	<10	<5	8.4	<10	<10	<5	0.04	<5	<5	15.8	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 27, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697116 (4909788)	0.019	<1	1.8	<10	<5	7.9	<10	<10	<5	0.06	<5	<5	28.7	<1	
E5697117 (4909789)	<0.005	<1	<0.5	<10	<5	4.1	<10	<10	<5	0.04	<5	<5	7.8	<1	
E5697118 (4909790)	0.013	<1	1.4	<10	<5	8.5	<10	<10	<5	0.06	<5	<5	24.2	<1	
E5697119 (4909791)	0.021	<1	1.1	<10	<5	7.4	<10	<10	<5	0.04	<5	<5	23.3	<1	
E5697120 (4909792)	0.014	<1	1.8	<10	5	8.3	<10	<10	<5	0.10	5	<5	43.3	<1	
E5697121 (4909793)	0.011	<1	0.9	<10	<5	8.3	<10	<10	<5	0.05	<5	<5	14.3	<1	
E5697122 (4909794)	<0.005	<1	<0.5	<10	<5	4.2	<10	<10	<5	0.05	<5	<5	8.4	<1	
E5697123 (4909795)	1.27	<1	5.8	18	9	51.3	<10	<10	<5	0.01	9	<5	8.6	<1	
E5697124 (4909796)	0.460	<1	1.5	<10	11	51.5	<10	<10	<5	0.01	<5	<5	9.6	<1	
E5697125 (4909797)	0.149	<1	<0.5	<10	<5	34.6	<10	<10	<5	<0.01	<5	<5	5.9	<1	
E5697126 (4909798)	0.020	1	1.9	<10	<5	6.3	<10	<10	<5	0.07	<5	<5	39.3	<1	
E5697127 (4909799)	0.020	<1	1.5	<10	<5	6.2	<10	<10	<5	0.06	<5	<5	26.6	<1	
E5697128 (4909800)	0.023	<1	1.1	<10	<5	9.5	<10	<10	<5	0.06	<5	<5	27.7	<1	
E5697129 (4909801)	0.014	<1	1.4	<10	<5	7.1	<10	<10	<5	0.05	<5	<5	21.8	<1	
E5697130 (4909802)	0.028	1	1.5	<10	<5	10.0	<10	<10	<5	0.03	<5	<5	20.3	<1	
E5697131 (4909803)	0.131	2	1.3	<10	7	25.5	<10	<10	<5	0.02	<5	<5	13.3	<1	
E5697132 (4909804)	0.011	<1	1.3	<10	<5	7.6	<10	<10	<5	0.05	<5	<5	21.6	<1	
E5697133 (4909805)	0.021	<1	2.3	<10	<5	6.5	<10	<10	<5	0.08	<5	<5	36.5	<1	
E5697134 (4909806)	0.016	<1	1.6	<10	5	4.2	<10	<10	<5	0.07	<5	<5	36.0	<1	
E5697135 (4909807)	0.242	<1	<0.5	<10	5	32.9	<10	<10	<5	<0.01	<5	<5	3.3	<1	
E5697136 (4909808)	0.011	<1	0.9	<10	<5	3.0	<10	<10	<5	0.06	<5	<5	29.4	<1	
E5697137 (4909809)	0.023	<1	1.7	<10	5	5.6	<10	<10	<5	0.06	<5	<5	31.5	<1	
E5697138 (4909810)	0.013	1	1.1	<10	5	9.0	<10	<10	<5	0.06	<5	<5	22.7	<1	
E5697139 (4909811)	0.031	<1	1.9	<10	7	11.2	<10	<10	<5	0.10	<5	<5	41.1	<1	
E5697140 (4909812)	0.022	<1	1.0	<10	<5	4.8	<10	<10	<5	0.04	<5	<5	25.1	<1	
E5697141 (4909813)	0.636	1	5.2	<10	13	40.1	<10	<10	<5	<0.01	<5	<5	10.0	<1	
E5697142 (4909814)	0.006	<1	0.6	<10	<5	3.5	<10	<10	<5	0.05	<5	<5	13.4	<1	
E5697143 (4909815)	0.241	2	2.2	14	12	46.2	<10	<10	<5	0.01	<5	22	17.3	<1	
E5697144 (4909816)	0.018	<1	1.2	<10	<5	5.1	<10	<10	<5	0.06	<5	<5	30.3	<1	
E5697145 (4909817)	0.010	<1	0.9	<10	<5	4.6	<10	<10	<5	0.05	<5	<5	20.2	<1	
E5697146 (4909818)	0.767	1	3.5	<10	12	45.7	<10	<10	<5	<0.01	<5	<5	11.5	<1	
E5697147 (4909819)	0.075	<1	1.5	<10	<5	12.1	<10	<10	<5	0.05	<5	<5	42.9	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U777868  
PROJECT NO: SOIL SAMPLING PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 27, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697148 (4909820)	0.014	<1	0.7	<10	<5	5.3	<10	<10	<5	0.04	<5	<5	18.4	<1	
E5697149 (4909821)	0.006	<1	0.8	<10	<5	5.0	<10	<10	<5	0.07	<5	<5	20.7	<1	
E5697150 (4909822)	0.855	1	<0.5	<10	11	73.6	<10	<10	<5	<0.01	<5	<5	48.5	<1	
E5697151 (4909823)	0.749	2	1.3	<10	12	61.8	<10	<10	<5	0.01	<5	<5	45.4	<1	
E5697152 (4909824)	0.008	<1	1.3	<10	<5	7.1	<10	<10	<5	0.05	<5	<5	21.2	<1	
E5697153 (4909825)	0.024	<1	0.6	<10	<5	9.6	<10	<10	<5	0.05	<5	<5	13.2	<1	
E5697154 (4909826)	0.009	<1	0.7	<10	<5	4.4	<10	<10	<5	0.06	<5	<5	20.6	<1	
E5697155 (4909827)	0.012	<1	1.3	<10	<5	4.8	<10	<10	<5	0.06	<5	<5	29.8	<1	
E5697156 (4909828)	0.031	<1	<0.5	<10	<5	3.8	<10	<10	<5	0.02	<5	<5	5.1	<1	
E5697157 (4909829)	0.037	2	4.5	10	<5	10.7	<10	<10	<5	0.05	<5	<5	81.7	<1	
E5697158 (4909830)	1.18	<1	2.5	<10	14	51.9	<10	<10	<5	<0.01	<5	<5	19.1	<1	
E5697159 (4909831)	0.013	<1	0.9	<10	<5	2.7	<10	<10	<5	0.04	<5	<5	16.5	<1	
E5697160 (4909832)	0.008	<1	1.2	<10	<5	5.9	<10	<10	<5	0.05	<5	<5	20.2	<1	
E5697161 (4909833)	1.05	3	2.9	<10	13	49.6	<10	<10	<5	0.01	<5	<5	21.8	<1	
E5697162 (4909834)	0.809	<1	2.8	12	13	48.4	<10	<10	<5	0.01	<5	<5	25.1	<1	
E5697163 (4909835)	0.018	<1	1.6	<10	<5	6.1	<10	<10	<5	0.07	<5	<5	30.6	<1	
E5697164 (4909836)	0.015	<1	1.7	<10	<5	6.9	<10	<10	<5	0.06	<5	<5	23.9	<1	
E5697165 (4909837)	0.251	<1	<0.5	<10	8	38.3	<10	<10	<5	<0.01	<5	<5	5.8	<1	
E5697166 (4909838)	0.008	<1	<0.5	<10	<5	4.2	<10	<10	<5	0.03	<5	<5	13.7	<1	
E5697167 (4909839)	0.022	<1	0.7	<10	<5	4.9	<10	<10	<5	0.05	<5	<5	20.1	<1	
E5697168 (4909840)	0.148	<1	<0.5	<10	<5	27.8	<10	<10	<5	<0.01	<5	<5	5.0	<1	
E5697169 (4909841)	0.392	<1	2.4	<10	8	28.9	<10	<10	<5	0.02	<5	<5	20.5	<1	
E5697170 (4909842)	0.044	<1	2.5	<10	5	4.9	<10	<10	<5	0.08	<5	<5	43.9	<1	
E5697171 (4909843)	0.083	2	2.3	<10	<5	11.9	<10	<10	<5	0.03	<5	<5	19.1	<1	
E5697172 (4909844)	0.008	<1	0.8	<10	<5	4.2	<10	<10	<5	0.04	<5	<5	15.1	<1	
E5697173 (4909845)	0.012	<1	0.7	<10	<5	5.0	<10	<10	<5	0.07	<5	<5	36.8	<1	
E5697174 (4909846)	0.016	<1	1.3	<10	<5	6.5	<10	<10	<5	0.05	<5	<5	29.1	<1	
E5697175 (4909847)	0.012	<1	1.0	<10	<5	5.8	<10	<10	<5	0.07	<5	<5	36.8	<1	
E5697176 (4909848)	0.022	<1	1.1	<10	<5	7.6	<10	<10	<5	0.05	<5	<5	24.5	<1	
E5697177 (4909849)	0.017	<1	1.4	<10	<5	4.6	<10	<10	<5	0.06	<5	<5	29.4	<1	
E5697178 (4909850)	0.078	<1	2.2	<10	<5	16.9	<10	<10	<5	0.03	<5	<5	36.2	<1	
E5697179 (4909851)	0.029	<1	2.0	<10	<5	5.4	<10	<10	<5	0.07	<5	<5	34.6	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013		DATE REPORTED: Nov 27, 2013				SAMPLE TYPE: Soil							
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5697180 (4909852)	0.046	2	1.7	<10	<5	8.7	<10	<10	<5	0.02	6	<5	11.2	<1
E5697181 (4909854)	0.187	1	2.8	<10	5	24.5	<10	<10	<5	0.03	<5	<5	21.8	<1
E5697182 (4909855)	0.048	1	3.2	<10	7	18.2	<10	<10	<5	0.08	<5	<5	52.4	<1
E5697183 (4909856)	0.014	<1	1.3	<10	<5	5.4	<10	<10	<5	0.06	<5	<5	21.9	<1
E5697184 (4909857)	0.007	<1	1.6	<10	5	6.2	<10	<10	<5	0.10	<5	<5	38.0	<1
E5697185 (4909858)	0.017	<1	1.7	<10	<5	5.1	<10	<10	<5	0.07	<5	<5	25.9	<1
E5697186 (4909859)	0.012	<1	1.3	<10	6	6.0	<10	<10	<5	0.11	<5	<5	46.9	<1
E5697187 (4909860)	0.012	<1	0.8	<10	<5	4.2	<10	<10	<5	0.06	<5	<5	19.9	<1
E5697188 (4909861)	0.007	<1	1.3	<10	<5	7.5	<10	<10	<5	0.04	<5	<5	19.2	<1
E5697189 (4909862)	0.017	<1	1.4	<10	<5	4.3	<10	<10	<5	0.04	5	<5	21.8	<1
E5697190 (4909863)	0.016	<1	1.7	<10	<5	7.5	<10	<10	<5	0.06	<5	<5	25.9	<1
E5697191 (4909864)	0.017	<1	1.6	<10	<5	9.3	<10	<10	<5	0.05	<5	<5	21.1	<1
E5697192 (4909865)	0.010	1	2.2	<10	5	12.9	<10	<10	<5	0.08	<5	<5	31.7	<1
E5697193 (4909866)	0.023	<1	2.2	<10	6	7.5	<10	<10	<5	0.10	<5	<5	47.0	<1
E5697194 (4909867)	0.022	<1	1.7	<10	<5	5.0	<10	<10	<5	0.07	<5	<5	29.4	<1
E5697195 (4909868)	0.006	<1	<0.5	<10	<5	3.3	<10	<10	<5	0.05	<5	<5	8.0	<1
E5697196 (4909869)	0.010	<1	0.8	<10	<5	6.2	<10	<10	<5	0.08	<5	<5	23.4	<1
E5697197 (4909870)	0.014	<1	1.5	<10	5	6.3	<10	<10	<5	0.08	<5	<5	30.7	<1
E5697198 (4909871)	<0.005	<1	<0.5	<10	<5	3.5	<10	<10	<5	0.03	<5	<5	7.2	<1
E5697199 (4909872)	0.013	<1	1.4	<10	<5	5.3	<10	<10	<5	0.06	<5	<5	22.8	<1
E5697200 (4909873)	0.014	<1	1.0	<10	<5	7.1	<10	<10	<5	0.04	<5	<5	14.2	<1
E5697201 (4909874)	0.008	<1	1.3	<10	<5	8.9	<10	<10	<5	0.05	<5	<5	20.0	<1
E5697202 (4909875)	0.021	<1	3.1	<10	6	17.4	<10	<10	<5	0.07	<5	<5	32.5	<1
E5697203 (4909876)	0.013	<1	2.3	<10	5	13.2	<10	<10	<5	0.05	<5	<5	24.8	<1
E5697204 (4909877)	<0.005	<1	1.0	<10	<5	6.8	<10	<10	<5	0.04	<5	<5	15.1	<1
E5697205 (4909878)	0.009	<1	<0.5	<10	<5	5.8	<10	<10	<5	0.06	<5	<5	15.0	<1
E5697206 (4909879)	0.011	<1	0.7	<10	<5	6.0	<10	<10	<5	0.05	<5	<5	18.9	<1
E5697207 (4909880)	0.017	1	1.2	<10	<5	6.3	<10	<10	<5	0.05	<5	<5	23.0	<1
E5697208 (4909881)	0.007	1	<0.5	<10	<5	4.9	<10	<10	<5	0.03	<5	<5	8.1	<1
E5697209 (4909882)	0.013	<1	1.2	<10	<5	7.8	<10	<10	<5	0.05	<5	<5	20.1	<1
E5697210 (4909883)	0.315	<1	1.7	<10	<5	20.6	<10	<10	<5	0.02	<5	<5	18.7	<1
E5697211 (4909884)	0.016	<1	1.0	<10	<5	6.9	<10	<10	<5	0.04	<5	<5	15.1	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868

PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5697212 (4909885)		<0.005	<1	1.1	<10	<5	5.0	<10	<10	<5	0.05	<5	<5	19.7	1
E5697213 (4909886)		0.045	<1	3.3	<10	8	28.7	<10	<10	<5	0.07	<5	<5	27.6	<1
E5697214 (4909887)		0.032	<1	3.2	<10	10	30.7	<10	<10	<5	0.07	<5	<5	33.0	<1
E5697215 (4909888)		0.010	<1	3.7	<10	9	19.7	<10	<10	<5	0.09	<5	<5	35.1	<1

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 27, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697084 (4909754)	2	19.8	<5	
E5697085 (4909755)	2	16.8	<5	
E5697086 (4909756)	2	21.4	<5	
E5697087 (4909757)	3	18.8	<5	
E5697088 (4909758)	4	15.4	<5	
E5697089 (4909759)	1	2.6	<5	
E5697090 (4909760)	2	4.9	<5	
E5697091 (4909761)	5	16.6	<5	
E5697092 (4909762)	3	13.7	<5	
E5697093 (4909764)	3	7.5	<5	
E5697094 (4909765)	2	13.1	<5	
E5697095 (4909766)	2	19.9	<5	
E5697096 (4909767)	1	8.2	<5	
E5697097 (4909768)	2	10.9	<5	
E5697098 (4909769)	7	34.3	<5	
E5697099 (4909770)	1	10.1	<5	
E5697100 (4909771)	1	1.8	<5	
E5697101 (4909772)	13	30.4	<5	
E5697102 (4909774)	2	16.3	<5	
E5697103 (4909775)	3	16.5	<5	
E5697104 (4909776)	2	12.9	<5	
E5697105 (4909777)	3	13.5	<5	
E5697106 (4909778)	1	5.7	<5	
E5697107 (4909779)	2	13.3	<5	
E5697108 (4909780)	1	2.6	<5	
E5697109 (4909781)	2	19.9	<5	
E5697110 (4909782)	2	11.7	<5	
E5697111 (4909783)	2	11.2	<5	
E5697112 (4909784)	10	63.7	<5	
E5697113 (4909785)	<1	73.6	<5	
E5697114 (4909786)	3	8.4	<5	
E5697115 (4909787)	3	11.0	<5	

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## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 27, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697116 (4909788)	4	9.8	<5	
E5697117 (4909789)	1	2.9	<5	
E5697118 (4909790)	3	18.8	<5	
E5697119 (4909791)	3	13.9	<5	
E5697120 (4909792)	4	16.8	<5	
E5697121 (4909793)	2	10.7	<5	
E5697122 (4909794)	1	2.5	<5	
E5697123 (4909795)	59	44.5	<5	
E5697124 (4909796)	4	21.0	<5	
E5697125 (4909797)	1	48.7	<5	
E5697126 (4909798)	3	20.2	<5	
E5697127 (4909799)	2	10.2	<5	
E5697128 (4909800)	5	20.7	<5	
E5697129 (4909801)	6	14.6	<5	
E5697130 (4909802)	7	23.9	<5	
E5697131 (4909803)	5	50.8	<5	
E5697132 (4909804)	3	9.4	<5	
E5697133 (4909805)	3	10.2	<5	
E5697134 (4909806)	2	12.2	<5	
E5697135 (4909807)	<1	10.9	<5	
E5697136 (4909808)	1	4.1	<5	
E5697137 (4909809)	3	12.7	<5	
E5697138 (4909810)	2	13.4	<5	
E5697139 (4909811)	7	25.7	<5	
E5697140 (4909812)	4	31.9	<5	
E5697141 (4909813)	29	28.0	<5	
E5697142 (4909814)	1	2.8	<5	
E5697143 (4909815)	18	58.8	<5	
E5697144 (4909816)	2	8.8	<5	
E5697145 (4909817)	3	6.5	<5	
E5697146 (4909818)	12	36.2	<5	
E5697147 (4909819)	3	13.8	<5	

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 27, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697148 (4909820)	2	7.5	<5	
E5697149 (4909821)	2	8.7	<5	
E5697150 (4909822)	6	10.4	<5	
E5697151 (4909823)	7	12.0	<5	
E5697152 (4909824)	3	6.5	<5	
E5697153 (4909825)	3	2.5	<5	
E5697154 (4909826)	3	3.2	<5	
E5697155 (4909827)	2	9.7	<5	
E5697156 (4909828)	3	15.8	<5	
E5697157 (4909829)	8	23.9	<5	
E5697158 (4909830)	18	34.1	<5	
E5697159 (4909831)	2	3.1	<5	
E5697160 (4909832)	3	8.4	<5	
E5697161 (4909833)	18	28.1	<5	
E5697162 (4909834)	17	30.9	<5	
E5697163 (4909835)	2	8.0	<5	
E5697164 (4909836)	2	7.8	<5	
E5697165 (4909837)	3	54.5	<5	
E5697166 (4909838)	1	6.3	<5	
E5697167 (4909839)	4	11.4	<5	
E5697168 (4909840)	5	45.1	<5	
E5697169 (4909841)	10	36.6	<5	
E5697170 (4909842)	3	8.5	<5	
E5697171 (4909843)	6	19.8	<5	
E5697172 (4909844)	2	7.0	<5	
E5697173 (4909845)	1	8.7	<5	
E5697174 (4909846)	2	24.6	<5	
E5697175 (4909847)	1	5.4	<5	
E5697176 (4909848)	4	16.1	<5	
E5697177 (4909849)	2	10.9	<5	
E5697178 (4909850)	16	15.8	<5	
E5697179 (4909851)	3	18.5	<5	

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## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 27, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697180 (4909852)	6	11.2	<5	
E5697181 (4909854)	14	29.0	<5	
E5697182 (4909855)	9	17.1	<5	
E5697183 (4909856)	3	9.5	<5	
E5697184 (4909857)	3	10.0	<5	
E5697185 (4909858)	3	7.9	<5	
E5697186 (4909859)	2	7.3	<5	
E5697187 (4909860)	2	6.0	<5	
E5697188 (4909861)	5	9.1	<5	
E5697189 (4909862)	2	7.1	<5	
E5697190 (4909863)	4	12.4	<5	
E5697191 (4909864)	4	13.7	<5	
E5697192 (4909865)	5	17.7	<5	
E5697193 (4909866)	3	12.3	<5	
E5697194 (4909867)	3	9.3	<5	
E5697195 (4909868)	1	4.8	<5	
E5697196 (4909869)	2	8.5	<5	
E5697197 (4909870)	2	12.5	<5	
E5697198 (4909871)	1	5.0	<5	
E5697199 (4909872)	3	8.3	<5	
E5697200 (4909873)	2	9.1	<5	
E5697201 (4909874)	3	18.2	<5	
E5697202 (4909875)	5	29.7	<5	
E5697203 (4909876)	5	17.1	<5	
E5697204 (4909877)	3	6.8	<5	
E5697205 (4909878)	1	6.4	<5	
E5697206 (4909879)	2	17.1	<5	
E5697207 (4909880)	3	15.1	<5	
E5697208 (4909881)	1	7.4	<5	
E5697209 (4909882)	5	12.4	<5	
E5697210 (4909883)	15	57.0	<5	
E5697211 (4909884)	4	9.4	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:		
E5697212 (4909885)	2	6.3	<5
E5697213 (4909886)	7	28.5	<5
E5697214 (4909887)	7	28.8	<5
E5697215 (4909888)	7	27.4	<5

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697084 (4909754)		0.37	0.004
E5697085 (4909755)		0.47	0.006
E5697086 (4909756)		0.35	0.003
E5697087 (4909757)		0.47	0.008
E5697088 (4909758)		0.53	0.002
E5697089 (4909759)		0.50	0.002
E5697090 (4909760)		0.48	0.002
E5697091 (4909761)		0.44	0.004
E5697092 (4909762)		0.40	0.006
E5697093 (4909764)		0.50	0.011
E5697094 (4909765)		0.47	0.003
E5697095 (4909766)		0.50	0.004
E5697096 (4909767)		0.41	0.003
E5697097 (4909768)		0.55	0.002
E5697098 (4909769)		0.45	0.011
E5697099 (4909770)		0.38	0.004
E5697100 (4909771)		0.39	0.001
E5697101 (4909772)		0.31	0.005
E5697102 (4909774)		0.45	0.003
E5697103 (4909775)		0.33	0.005
E5697104 (4909776)		0.54	0.003
E5697105 (4909777)		0.44	0.001
E5697106 (4909778)		0.43	0.005
E5697107 (4909779)		0.40	0.003
E5697108 (4909780)		0.57	0.004
E5697109 (4909781)		0.43	0.001
E5697110 (4909782)		0.45	0.005
E5697111 (4909783)		0.44	0.002
E5697112 (4909784)		0.36	0.008
E5697113 (4909785)		0.34	0.019
E5697114 (4909786)		0.36	0.003

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697115 (4909787)		0.68	0.005
E5697116 (4909788)		0.54	0.005
E5697117 (4909789)		0.51	0.005
E5697118 (4909790)		0.45	0.009
E5697119 (4909791)		0.47	0.004
E5697120 (4909792)		0.54	0.005
E5697121 (4909793)		0.42	0.002
E5697122 (4909794)		0.56	0.004
E5697123 (4909795)		0.35	0.016
E5697124 (4909796)		0.43	0.011
E5697125 (4909797)		0.20	0.010
E5697126 (4909798)		0.39	0.008
E5697127 (4909799)		0.47	0.004
E5697128 (4909800)		0.58	0.003
E5697129 (4909801)		0.65	0.002
E5697130 (4909802)		0.35	0.004
E5697131 (4909803)		0.14	0.012
E5697132 (4909804)		0.54	0.003
E5697133 (4909805)		0.37	0.005
E5697134 (4909806)		0.42	0.003
E5697135 (4909807)		0.22	0.005
E5697136 (4909808)		0.62	0.003
E5697137 (4909809)		0.44	0.001
E5697138 (4909810)		0.60	0.005
E5697139 (4909811)		0.46	0.009
E5697140 (4909812)		0.37	0.001
E5697141 (4909813)		0.23	0.016
E5697142 (4909814)		0.62	0.003
E5697143 (4909815)		0.24	0.021
E5697144 (4909816)		0.33	0.003
E5697145 (4909817)		0.51	0.002

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## Certificate of Analysis

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697146 (4909818)		0.24	0.014
E5697147 (4909819)		0.35	0.005
E5697148 (4909820)		0.52	0.005
E5697149 (4909821)		0.54	0.005
E5697150 (4909822)		0.45	0.009
E5697151 (4909823)		0.44	0.007
E5697152 (4909824)		0.58	0.004
E5697153 (4909825)		0.46	0.005
E5697154 (4909826)		0.58	0.004
E5697155 (4909827)		0.54	0.005
E5697156 (4909828)		0.23	0.008
E5697157 (4909829)		0.46	0.022
E5697158 (4909830)		0.41	0.004
E5697159 (4909831)		0.53	0.006
E5697160 (4909832)		0.74	<0.001
E5697161 (4909833)		0.36	0.008
E5697162 (4909834)		0.35	0.008
E5697163 (4909835)		0.37	0.001
E5697164 (4909836)		0.45	0.002
E5697165 (4909837)		0.26	0.004
E5697166 (4909838)		0.47	0.009
E5697167 (4909839)		0.43	0.003
E5697168 (4909840)		0.29	0.005
E5697169 (4909841)		0.49	0.001
E5697170 (4909842)		0.41	0.002
E5697171 (4909843)		0.47	0.002
E5697172 (4909844)		0.45	0.002
E5697173 (4909845)		0.23	0.001
E5697174 (4909846)		0.51	0.001
E5697175 (4909847)		0.33	0.001
E5697176 (4909848)		0.32	0.007

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697177 (4909849)		0.54	0.003
E5697178 (4909850)		0.32	0.002
E5697179 (4909851)		0.18	0.017
E5697180 (4909852)		0.34	0.013
E5697181 (4909854)		0.31	0.007
E5697182 (4909855)		0.61	<0.001
E5697183 (4909856)		0.58	0.001
E5697184 (4909857)		0.33	0.004
E5697185 (4909858)		0.47	0.012
E5697186 (4909859)		0.54	0.003
E5697187 (4909860)		0.54	<0.001
E5697188 (4909861)		0.54	0.001
E5697189 (4909862)		0.41	<0.001
E5697190 (4909863)		0.51	<0.001
E5697191 (4909864)		0.70	0.004
E5697192 (4909865)		0.68	0.002
E5697193 (4909866)		0.46	<0.001
E5697194 (4909867)		0.70	0.002
E5697195 (4909868)		0.47	0.103
E5697196 (4909869)		0.52	0.003
E5697197 (4909870)		0.43	<0.001
E5697198 (4909871)		0.51	0.012
E5697199 (4909872)		0.54	<0.001
E5697200 (4909873)		0.57	<0.001
E5697201 (4909874)		0.65	<0.001
E5697202 (4909875)		0.52	<0.001
E5697203 (4909876)		0.55	0.010
E5697204 (4909877)		0.68	0.003
E5697205 (4909878)		0.43	0.002
E5697206 (4909879)		0.44	0.044
E5697207 (4909880)		0.36	0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777868  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 27, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5697208 (4909881)		0.33	0.002
E5697209 (4909882)		0.45	0.004
E5697210 (4909883)		0.31	0.001
E5697211 (4909884)		0.58	0.003
E5697212 (4909885)		0.31	<0.001
E5697213 (4909886)		0.53	0.006
E5697214 (4909887)		0.55	0.020
E5697215 (4909888)		0.66	0.005

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	E5697103	0.26	0.24	8.0%	E5697122	0.2	0.2	0.0%	E5697132	0.3	0.3	0.0%	E5697151	0.4	0.4	0.0%
Al	E5697103	0.494	0.566	13.6%	E5697122	0.12	0.12	0.0%	E5697132	0.629	0.638	1.4%	E5697151	0.352	0.344	2.3%
As	E5697103	2	2	0.0%	E5697122	< 1	< 1	0.0%	E5697132	< 1	< 1	0.0%	E5697151	< 1	< 1	0.0%
B	E5697103	< 5	< 5	0.0%	E5697122	< 5	< 5	0.0%	E5697132	< 5	< 5	0.0%	E5697151	6	6	0.0%
Ba	E5697103	41	47	13.6%	E5697122	7	8	13.3%	E5697132	24	22	8.7%	E5697151	24	23	4.3%
Be	E5697103	< 0.5	< 0.5	0.0%	E5697122	< 0.5	< 0.5	0.0%	E5697132	< 0.5	< 0.5	0.0%	E5697151	< 0.5	< 0.5	0.0%
Bi	E5697103	< 1	< 1	0.0%	E5697122	< 1	< 1	0.0%	E5697132	< 1	< 1	0.0%	E5697151	< 1	< 1	0.0%
Ca	E5697103	0.572	0.670	15.8%	E5697122	0.03	0.03	0.0%	E5697132	0.161	0.166	3.1%	E5697151	2.32	2.28	1.7%
Cd	E5697103	< 0.5	< 0.5	0.0%	E5697122	< 0.5	< 0.5	0.0%	E5697132	< 0.5	< 0.5	0.0%	E5697151	< 0.5	< 0.5	0.0%
Ce	E5697103	14	15	6.9%	E5697122	16	17	6.1%	E5697132	15	16	6.5%	E5697151	5	5	0.0%
Co	E5697103	10.6	12.5	16.5%	E5697122	0.8	0.8	0.0%	E5697132	3.60	3.78	4.9%	E5697151	2.7	2.7	0.0%
Cr	E5697103	15.5	17.5	12.1%	E5697122	2.85	2.76	3.2%	E5697132	27.7	29.2	5.3%	E5697151	9.5	9.5	0.0%
Cu	E5697103	7.61	8.59	12.1%	E5697122	1.2	1.1	8.7%	E5697132	15.6	16.3	4.4%	E5697151	19.3	18.6	3.7%
Fe	E5697103	1.21	1.41	15.3%	E5697122	0.11	0.11	0.0%	E5697132	0.81	0.82	1.2%	E5697151	0.24	0.24	0.0%
Ga	E5697103	< 5	< 5	0.0%	E5697122	< 5	< 5	0.0%	E5697132	< 5	< 5	0.0%	E5697151	< 5	< 5	0.0%
Hg	E5697103	< 1	< 1	0.0%	E5697122	< 1	< 1	0.0%	E5697132	1	< 1		E5697151	1	1	0.0%
In	E5697103	< 1	< 1	0.0%	E5697122	< 1	< 1	0.0%	E5697132	< 1	< 1	0.0%	E5697151	< 1	< 1	0.0%
K	E5697103	0.024	0.027	11.8%	E5697122	< 0.01	< 0.01	0.0%	E5697132	0.02	0.02	0.0%	E5697151	0.01	0.01	0.0%
La	E5697103	7	8	13.3%	E5697122	8	8	0.0%	E5697132	6	7	15.4%	E5697151	4	3	28.6%
Li	E5697103	3	4	28.6%	E5697122	< 1	< 1	0.0%	E5697132	5	5	0.0%	E5697151	< 1	< 1	0.0%
Mg	E5697103	0.10	0.11	9.5%	E5697122	0.01	0.01	0.0%	E5697132	0.25	0.26	3.9%	E5697151	0.16	0.16	0.0%
Mn	E5697103	696	844	19.2%	E5697122	16	15	6.5%	E5697132	66	70	5.9%	E5697151	54	53	1.9%
Mo	E5697103	3.1	3.4	9.2%	E5697122	< 0.5	< 0.5	0.0%	E5697132	0.6	0.7	15.4%	E5697151	8.58	8.03	6.6%
Na	E5697103	< 0.01	< 0.01	0.0%	E5697122	< 0.01	< 0.01	0.0%	E5697132	< 0.01	< 0.01	0.0%	E5697151	< 0.01	< 0.01	0.0%
Ni	E5697103	7.72	8.72	12.2%	E5697122	0.90	0.84	6.9%	E5697132	18.8	19.6	4.2%	E5697151	6.3	6.3	0.0%
P	E5697103	324	352	8.3%	E5697122	28	29	3.5%	E5697132	172	185	7.3%	E5697151	526	509	3.3%
Pb	E5697103	12.2	15.0	20.6%	E5697122	2.9	1.8		E5697132	4.9	5.4	9.7%	E5697151	11.8	10.7	9.8%
Rb	E5697103	< 10	< 10	0.0%	E5697122	< 10	< 10	0.0%	E5697132	< 10	< 10	0.0%	E5697151	< 10	< 10	0.0%
S	E5697103	0.053	0.060	12.4%	E5697122	< 0.005	< 0.005	0.0%	E5697132	0.011	0.011	0.0%	E5697151	0.749	0.732	2.3%
Sb	E5697103	< 1	< 1	0.0%	E5697122	< 1	< 1	0.0%	E5697132	< 1	< 1	0.0%	E5697151	2	1	
Sc	E5697103	1.1	1.2	8.7%	E5697122	< 0.5	< 0.5	0.0%	E5697132	1.3	1.4	7.4%	E5697151	1.25	1.23	1.6%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	E5697103	< 10	< 10	0.0%	E5697122	< 10	< 10	0.0%	E5697132	< 10	< 10	0.0%	E5697151	< 10	< 10	0.0%
Sn	E5697103	< 5	< 5	0.0%	E5697122	< 5	< 5	0.0%	E5697132	< 5	< 5	0.0%	E5697151	12	12	0.0%
Sr	E5697103	21.5	24.0	11.0%	E5697122	4.22	3.93	7.1%	E5697132	7.64	8.40	9.5%	E5697151	61.8	60.0	3.0%
Ta	E5697103	< 10	< 10	0.0%	E5697122	< 10	< 10	0.0%	E5697132	< 10	< 10	0.0%	E5697151	< 10	< 10	0.0%
Te	E5697103	< 10	< 10	0.0%	E5697122	< 10	< 10	0.0%	E5697132	< 10	< 10	0.0%	E5697151	< 10	< 10	0.0%
Th	E5697103	< 5	< 5	0.0%	E5697122	< 5	< 5	0.0%	E5697132	< 5	< 5	0.0%	E5697151	< 5	< 5	0.0%
Ti	E5697103	0.04	0.04	0.0%	E5697122	0.05	0.05	0.0%	E5697132	0.054	0.055	1.8%	E5697151	0.01	0.01	0.0%
Tl	E5697103	< 5	< 5	0.0%	E5697122	< 5	< 5	0.0%	E5697132	< 5	< 5	0.0%	E5697151	< 5	< 5	0.0%
U	E5697103	< 5	< 5	0.0%	E5697122	< 5	< 5	0.0%	E5697132	< 5	< 5	0.0%	E5697151	< 5	< 5	0.0%
V	E5697103	18.9	21.7	13.8%	E5697122	8.43	8.46	0.4%	E5697132	21.6	22.8	5.4%	E5697151	45.4	44.9	1.1%
W	E5697103	< 1	< 1	0.0%	E5697122	< 1	< 1	0.0%	E5697132	< 1	< 1	0.0%	E5697151	< 1	< 1	0.0%
Y	E5697103	3	3	0.0%	E5697122	1	1	0.0%	E5697132	3	3	0.0%	E5697151	7	7	0.0%
Zn	E5697103	16.5	18.5	11.4%	E5697122	2.52	2.87	13.0%	E5697132	9.4	10.6	12.0%	E5697151	12.0	11.1	7.8%
Zr	E5697103	< 5	< 5	0.0%	E5697122	< 5	< 5	0.0%	E5697132	< 5	< 5	0.0%	E5697151	< 5	< 5	0.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	E5697181	0.3	0.4	28.6%	E5697200	0.2	0.2	0.0%								
Al	E5697181	0.963	1.03	6.7%	E5697200	0.570	0.551	3.4%								
As	E5697181	7	6	15.4%	E5697200	< 1	< 1	0.0%								
B	E5697181	< 5	< 5	0.0%	E5697200	< 5	< 5	0.0%								
Ba	E5697181	53	57	7.3%	E5697200	12	11	8.7%								
Be	E5697181	< 0.5	< 0.5	0.0%	E5697200	< 0.5	< 0.5	0.0%								
Bi	E5697181	< 1	< 1	0.0%	E5697200	< 1	< 1	0.0%								
Ca	E5697181	1.02	1.07	4.8%	E5697200	0.12	0.12	0.0%								
Cd	E5697181	< 0.5	< 0.5	0.0%	E5697200	< 0.5	< 0.5	0.0%								
Ce	E5697181	29	31	6.7%	E5697200	15	16	6.5%								
Co	E5697181	8.51	8.69	2.1%	E5697200	2.7	2.5	7.7%								
Cr	E5697181	33.9	34.9	2.9%	E5697200	21.7	20.9	3.8%								
Cu	E5697181	32.7	34.1	4.2%	E5697200	2.59	2.33	10.6%								
Fe	E5697181	0.94	1.00	6.2%	E5697200	0.33	0.32	3.1%								
Ga	E5697181	< 5	< 5	0.0%	E5697200	< 5	< 5	0.0%								
Hg	E5697181	< 1	< 1	0.0%	E5697200	< 1	< 1	0.0%								
In	E5697181	< 1	< 1	0.0%	E5697200	< 1	< 1	0.0%								
K	E5697181	0.03	0.03	0.0%	E5697200	0.02	0.02	0.0%								



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

La	E5697181	16	16	0.0%	E5697200	7	8	13.3%								
Li	E5697181	8	9	11.8%	E5697200	4	4	0.0%								
Mg	E5697181	0.284	0.299	5.1%	E5697200	0.166	0.160	3.7%								
Mn	E5697181	797	851	6.6%	E5697200	40	39	2.5%								
Mo	E5697181	5.24	4.95	5.7%	E5697200	< 0.5	< 0.5	0.0%								
Na	E5697181	< 0.01	< 0.01	0.0%	E5697200	< 0.01	< 0.01	0.0%								
Ni	E5697181	17.9	18.5	3.3%	E5697200	12.7	12.6	0.8%								
P	E5697181	959	973	1.4%	E5697200	272	268	1.5%								
Pb	E5697181	10.1	10.6	4.8%	E5697200	2.84	3.68	25.8%								
Rb	E5697181	< 10	< 10	0.0%	E5697200	< 10	< 10	0.0%								
S	E5697181	0.187	0.196	4.7%	E5697200	0.014	0.013	7.4%								
Sb	E5697181	1	< 1		E5697200	< 1	< 1	0.0%								
Sc	E5697181	2.8	3.1	10.2%	E5697200	1.0	1.0	0.0%								
Se	E5697181	< 10	< 10	0.0%	E5697200	< 10	< 10	0.0%								
Sn	E5697181	5	6	18.2%	E5697200	< 5	< 5	0.0%								
Sr	E5697181	24.5	27.0	9.7%	E5697200	7.1	6.2	13.5%								
Ta	E5697181	< 10	< 10	0.0%	E5697200	< 10	< 10	0.0%								
Te	E5697181	< 10	< 10	0.0%	E5697200	< 10	< 10	0.0%								
Th	E5697181	< 5	< 5	0.0%	E5697200	< 5	< 5	0.0%								
Ti	E5697181	0.03	0.03	0.0%	E5697200	0.04	0.04	0.0%								
Tl	E5697181	< 5	< 5	0.0%	E5697200	< 5	< 5	0.0%								
U	E5697181	< 5	< 5	0.0%	E5697200	< 5	< 5	0.0%								
V	E5697181	21.8	23.5	7.5%	E5697200	14.2	13.6	4.3%								
W	E5697181	< 1	< 1	0.0%	E5697200	< 1	< 1	0.0%								
Y	E5697181	14	14	0.0%	E5697200	2	2	0.0%								
Zn	E5697181	29.0	31.2	7.3%	E5697200	9.10	9.17	0.8%								
Zr	E5697181	< 5	< 5	0.0%	E5697200	< 5	< 5	0.0%								

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5697084	0.0039	0.0045	14.3%	E5697096	0.003	0.003	0.0%	E5697107	0.003	0.004	28.6%	E5697181	0.007	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	E5697132	0.0028	0.0023	19.6%	E5697196	0.003	0.004	28.6%	E5697206	0.044	0.002					





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	172	93%	90% - 110%	184	170	92%	90% - 110%	184	171	93%	90% - 110%	184	167	90%	90% - 110%
Cu	3494	3406	97%	90% - 110%	3494	3363	96%	90% - 110%	3494	3297	94%	90% - 110%	3494	3300	94%	90% - 110%
Ni	2985	2702	91%	90% - 110%	2985	2696	90%	90% - 110%	2985	2677	90%	90% - 110%	2985	2696	90%	90% - 110%
	CRM #5 (CFRM-100)				CRM #6 (CFRM-100)				CRM #7 (CFRM-100)				CRM #8 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	177	96%	90% - 110%	184	181	98%	90% - 110%	184	180	98%	90% - 110%	184	170	93%	90% - 110%
Cu	3494	3461	99%	90% - 110%	3494	3449	99%	90% - 110%	3494	3502	100%	90% - 110%	3494	3342	96%	90% - 110%
Ni	2985	2777	93%	90% - 110%	2985	2810	94%	90% - 110%	2985	2826	95%	90% - 110%	2985	2677	90%	90% - 110%

### Fire Assay - Trace Au, ICP-OES finish (202052)

	CRM #1 (CM14)				CRM #2 (1P5F)				CRM #3 (CM14)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.792	0.807	102%	90% - 110%	1.40	1.31	94%	90% - 110%	0.792	0.854	108%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U777868

PROJECT NO: SOIL SAMPLING PROJECT

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: SOIL SAMPLING PROJECT

AGAT WORK ORDER: 13U777882

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Nov 25, 2013

PAGES (INCLUDING COVER): 26

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U777882  
PROJECT NO: SOIL SAMPLING PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697290 (4910006)	<0.2	0.25	3	<5	42	<0.5	<1	0.61	<0.5	9	<0.5	4.4	16.5	0.15	
E5697291 (4910007)	<0.2	3.52	7	21	211	1.5	<1	3.30	<0.5	81	22.1	85.7	36.9	4.55	
E5697292 (4910008)	<0.2	4.08	4	22	207	1.7	<1	1.48	<0.5	97	27.2	96.2	33.3	4.89	
E5697293 (4910009)	<0.2	4.45	6	24	242	2.0	<1	0.81	<0.5	98	25.7	101	38.5	5.04	
E5697294 (4910010)	<0.2	4.44	7	23	223	2.1	<1	0.77	<0.5	89	24.5	104	38.8	5.06	
E5697295 (4910011)	<0.2	4.35	9	20	187	1.7	<1	0.62	<0.5	66	22.8	103	34.5	5.01	
E5697296 (4910012)	<0.2	4.49	7	23	205	1.9	<1	0.72	<0.5	77	21.8	102	39.5	5.08	
E5697297 (4910013)	<0.2	4.13	7	15	195	1.6	<1	0.76	<0.5	71	23.7	97.2	24.5	4.91	
E5697298 (4910014)	<0.2	3.91	10	22	221	1.7	<1	0.77	<0.5	84	21.6	91.9	28.7	4.35	
E5697299 (4910015)	<0.2	4.60	4	28	270	2.0	<1	0.84	<0.5	93	24.0	108	40.1	5.28	
E5697300 (4910016)	<0.2	0.20	3	<5	25	<0.5	<1	0.81	<0.5	4	0.8	3.2	9.3	0.17	
E5697301 (4910017)	<0.2	4.14	8	20	213	1.6	<1	0.93	<0.5	81	21.2	96.4	29.6	4.64	
E5697302 (4910018)	<0.2	3.71	7	19	187	1.6	<1	0.78	<0.5	92	25.4	87.9	27.6	4.45	
E5697303 (4910019)	<0.2	3.91	7	15	149	1.4	<1	0.54	<0.5	53	19.2	86.1	20.6	4.69	
E5697304 (4910020)	<0.2	4.80	6	28	232	2.1	<1	0.73	<0.5	82	24.0	108	42.1	5.27	
E5697305 (4910021)	<0.2	4.53	6	21	200	1.6	<1	0.63	<0.5	56	23.6	104	29.1	5.08	
E5697306 (4910022)	<0.2	4.61	6	27	229	2.0	<1	0.76	<0.5	85	23.7	108	41.3	5.11	
E5697307 (4910023)	<0.2	4.73	6	23	208	1.7	<1	0.63	<0.5	64	23.2	106	37.9	5.15	
E5697308 (4910024)	<0.2	4.50	10	21	210	1.9	<1	0.74	<0.5	81	24.7	104	41.4	5.02	
E5697309 (4910025)	<0.2	3.93	14	18	148	1.3	<1	0.51	<0.5	48	22.5	106	34.8	4.66	
E5697310 (4910026)	<0.2	3.49	8	24	182	1.6	<1	1.72	<0.5	80	22.0	91.9	36.7	4.20	
E5697311 (4910027)	<0.2	3.43	5	17	159	1.2	<1	0.94	<0.5	53	16.4	82.6	26.1	3.85	
E5697312 (4910028)	<0.2	3.87	1	17	181	1.6	<1	0.60	<0.5	73	23.5	88.1	28.1	4.05	
E5697313 (4910029)	<0.2	3.86	3	16	149	1.4	<1	0.47	<0.5	49	21.5	90.0	25.8	4.55	
E5697314 (4910030)	<0.2	4.50	5	24	226	2.1	<1	0.76	<0.5	92	24.0	106	40.1	5.01	
E5697315 (4910031)	<0.2	4.48	6	22	235	2.1	<1	0.81	<0.5	103	23.6	106	42.8	5.04	
E5697316 (4910032)	<0.2	3.51	3	13	172	1.4	<1	0.67	<0.5	63	21.0	88.9	23.5	4.20	
E5697317 (4910033)	<0.2	3.67	<1	13	179	1.2	<1	0.61	<0.5	56	19.1	92.8	26.2	3.96	
E5697318 (4910034)	<0.2	4.42	3	16	205	1.6	<1	0.63	<0.5	70	23.1	107	37.4	4.93	
E5697319 (4910035)	<0.2	4.46	7	20	199	1.7	<1	0.62	<0.5	69	21.3	102	38.2	4.97	
E5697320 (4910036)	<0.2	3.44	8	21	192	1.5	<1	1.23	<0.5	82	22.3	89.9	35.0	4.37	
E5697321 (4910037)	<0.2	3.99	9	21	224	1.7	<1	0.92	<0.5	95	24.2	97.8	40.5	4.92	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777882  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013		DATE REPORTED: Nov 25, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697322 (4910038)	<0.2	4.10	7	17	195	1.5	<1	0.46	<0.5	59	22.6	92.3	25.2	4.48
E5697323 (4910039)	<0.2	4.55	10	20	198	1.5	<1	0.61	<0.5	54	22.1	104	37.0	5.03
E5697324 (4910040)	<0.2	4.53	8	21	217	1.8	<1	0.72	<0.5	91	23.5	104	40.2	5.09
E5697325 (4910041)	<0.2	4.43	5	19	225	2.1	<1	0.84	<0.5	97	25.2	103	44.4	5.02
E5697326 (4910042)	<0.2	4.13	9	16	197	1.5	<1	0.63	<0.5	67	23.8	101	39.3	4.60
E5697327 (4910043)	<0.2	0.39	<1	<5	12	<0.5	<1	0.14	<0.5	9	2.1	13.1	3.3	0.42
E5697328 (4910044)	<0.2	4.59	8	20	197	1.6	<1	0.59	<0.5	64	25.9	104	35.9	4.96
E5697329 (4910045)	<0.2	4.35	8	18	169	1.6	<1	0.53	<0.5	69	21.1	94.7	28.7	4.84
E5697330 (4910046)	<0.2	2.78	4	15	131	1.1	<1	0.62	<0.5	53	15.9	68.5	22.9	3.16
E5697331 (4910047)	<0.2	2.57	5	15	130	1.1	<1	0.61	<0.5	54	14.3	64.4	21.7	2.87
E5697332 (4910048)	<0.2	2.69	<1	8	94	0.8	<1	0.54	<0.5	35	15.4	79.8	13.4	3.06
E5697333 (4910049)	<0.2	2.72	1	6	105	0.8	<1	0.55	<0.5	44	16.6	78.1	14.8	3.14
E5697334 (4910050)	<0.2	2.02	1	5	75	0.6	<1	0.50	<0.5	33	12.7	65.9	11.8	2.53
E5697335 (4910051)	<0.2	2.30	5	<5	80	0.5	<1	0.49	<0.5	33	13.0	69.5	12.4	2.66
E5697336 (4910052)	<0.2	4.19	7	17	188	1.6	<1	0.59	<0.5	68	24.4	97.7	27.7	4.62
E5697337 (4910053)	0.8	4.16	<1	14	152	1.3	<1	0.32	<0.5	55	8.5	77.7	25.8	3.03
E5697338 (4910054)	<0.2	4.62	3	18	158	1.5	<1	0.43	<0.5	47	17.5	101	33.7	4.69
E5697339 (4910055)	0.3	4.97	3	19	176	1.7	<1	0.40	<0.5	68	14.7	101	29.2	4.61
E5697340 (4910056)	<0.2	3.27	6	20	190	1.4	<1	1.29	<0.5	77	19.4	82.1	40.0	4.09
E5697341 (4910057)	<0.2	2.13	6	11	76	0.6	<1	0.33	<0.5	28	8.8	54.7	13.4	2.36
E5697342 (4910058)	<0.2	3.06	<1	7	123	0.9	<1	0.61	<0.5	40	16.8	86.4	16.2	3.31
E5697343 (4910059)	<0.2	3.09	<1	9	132	1.0	<1	0.60	<0.5	48	17.5	85.1	19.8	3.46
E5697344 (4910060)	<0.2	2.56	2	<5	106	0.6	<1	0.56	<0.5	38	14.9	77.6	15.1	2.92
E5697345 (4910061)	<0.2	2.33	1	5	97	0.6	<1	0.54	<0.5	38	14.6	74.0	14.6	2.77
E5697346 (4910062)	<0.2	3.81	7	10	146	1.3	<1	0.43	<0.5	59	15.6	88.1	25.9	4.06
E5697347 (4910063)	0.2	4.35	7	15	172	1.6	<1	0.49	<0.5	66	17.3	96.1	29.1	4.44
E5697348 (4910064)	<0.2	4.13	7	15	165	1.4	<1	0.54	<0.5	56	23.7	98.5	28.2	4.69
E5697349 (4910065)	0.4	3.26	10	13	136	1.1	<1	0.31	<0.5	50	7.2	61.5	24.2	2.44
E5697350 (4910066)	<0.2	0.77	8	5	60	<0.5	<1	1.45	<0.5	17	5.2	18.5	13.3	1.01
E5697351 (4910067)	<0.2	2.73	9	15	146	1.1	<1	1.19	<0.5	57	16.5	76.0	31.7	3.33
E5697352 (4910068)	<0.2	3.34	3	11	121	1.1	<1	0.46	<0.5	44	19.1	83.5	20.0	3.94
E5697353 (4910069)	<0.2	4.44	6	16	178	1.4	<1	0.53	<0.5	58	22.2	99.4	32.6	4.77

Certified By:



## Certificate of Analysis

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PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013		DATE REPORTED: Nov 25, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697354 (4910070)	<0.2	4.14	4	18	161	1.4	<1	0.48	<0.5	52	21.3	96.2	27.0	4.56
E5697355 (4910071)	<0.2	3.53	4	12	148	1.1	<1	0.51	<0.5	45	21.1	86.2	21.9	4.04
E5697356 (4910072)	0.2	4.48	5	17	181	1.4	<1	0.47	<0.5	46	16.3	101	33.7	4.57
E5697357 (4910073)	<0.2	3.57	6	10	141	1.2	<1	0.48	<0.5	42	17.9	91.4	22.1	4.02
E5697358 (4910074)	0.2	4.32	2	12	168	1.2	<1	0.33	<0.5	34	13.1	89.7	27.8	4.08
E5697359 (4910075)	<0.2	4.73	6	20	186	1.5	<1	0.44	<0.5	42	18.0	105	31.7	4.87
E5697360 (4910076)	<0.2	3.37	5	14	130	1.0	<1	0.50	<0.5	46	19.2	93.5	22.3	3.71
E5697361 (4910077)	<0.2	3.20	3	11	129	1.0	<1	0.53	<0.5	47	18.4	83.9	19.8	3.57
E5697362 (4910078)	<0.2	4.33	4	17	193	1.5	<1	0.55	<0.5	58	21.0	107	33.6	4.63
E5697363 (4910079)	<0.2	3.97	8	14	163	1.2	<1	0.55	<0.5	53	22.2	97.4	28.0	4.36
E5697364 (4910080)	<0.2	4.16	5	18	169	1.5	<1	0.51	<0.5	57	22.8	97.2	29.9	4.56
E5697365 (4910081)	<0.2	2.50	3	10	145	0.9	<1	0.69	<0.5	43	22.2	61.2	18.0	3.17
E5697366 (4910082)	0.3	4.76	2	21	201	1.7	<1	0.58	<0.5	58	15.8	97.2	23.2	4.55
E5697367 (4910083)	0.2	4.61	4	17	197	1.6	<1	0.67	<0.5	66	17.2	95.4	24.2	4.68
E5697368 (4910084)	0.2	4.43	11	13	206	1.6	<1	0.72	<0.5	73	18.3	93.2	25.5	4.71
E5697369 (4910085)	0.4	3.30	8	15	151	1.3	<1	0.47	<0.5	69	9.9	58.1	22.9	2.81
E5697370 (4910086)	0.3	1.22	5	7	92	0.6	<1	1.03	0.5	40	2.3	18.9	20.0	0.71
E5697371 (4910087)	<0.2	4.23	7	19	164	1.4	<1	0.52	<0.5	48	22.5	97.6	28.3	4.69
E5697372 (4910088)	<0.2	3.22	4	10	119	1.2	<1	0.42	<0.5	41	19.7	83.1	17.1	3.87
E5697373 (4910089)	<0.2	4.51	6	27	175	1.5	<1	0.49	<0.5	60	21.1	101	33.2	5.08
E5697374 (4910090)	<0.2	4.74	3	19	180	1.6	<1	0.48	<0.5	50	22.1	104	30.9	5.13
E5697375 (4910091)	<0.2	4.30	10	19	171	1.3	<1	0.52	<0.5	50	21.9	97.2	30.4	4.90
E5697376 (4910092)	<0.2	1.49	1	<5	59	<0.5	<1	0.51	<0.5	27	9.8	50.0	8.6	1.88
E5697377 (4910093)	<0.2	4.44	9	17	175	1.6	<1	0.46	<0.5	52	17.8	102	36.7	4.78
E5697378 (4910094)	<0.2	2.98	8	22	162	1.2	<1	4.39	<0.5	69	18.4	77.8	32.6	3.68
E5697379 (4910095)	<0.2	2.82	3	10	132	1.0	<1	0.75	<0.5	61	13.1	74.6	20.9	2.98
E5697380 (4910096)	0.5	3.60	3	16	135	1.4	<1	0.62	<0.5	70	4.7	66.3	21.1	2.09
E5697381 (4910097)	<0.2	3.23	5	16	132	1.2	<1	0.44	<0.5	51	18.0	77.4	23.9	3.64
E5697382 (4910098)	<0.2	4.35	4	17	181	1.4	<1	0.49	<0.5	44	22.3	96.6	30.6	4.78
E5697383 (4910099)	<0.2	3.99	9	16	142	1.4	<1	0.39	<0.5	43	21.2	89.4	22.6	4.61
E5697384 (4910100)	<0.2	4.22	3	19	183	1.5	<1	0.61	<0.5	59	22.7	94.8	32.2	4.66
E5697385 (4910101)	<0.2	4.29	3	20	174	1.5	<1	0.58	<0.5	49	22.0	97.5	32.3	4.76

Certified By:



## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697386 (4910102)	<0.2	2.03	2	6	79	0.5	<1	0.48	<0.5	30	11.0	60.3	10.3	2.51	
E5697387 (4910103)	<0.2	4.83	5	21	228	1.8	<1	0.74	<0.5	83	21.3	101	29.3	4.74	
E5697388 (4910104)	<0.2	2.09	2	9	110	0.9	<1	0.59	<0.5	66	12.4	49.8	18.7	2.31	
E5697389 (4910105)	0.2	3.46	7	12	144	1.7	<1	0.58	<0.5	106	17.5	70.9	38.8	3.70	
E5697390 (4910106)	0.6	2.13	3	9	89	1.0	<1	0.69	<0.5	56	2.5	36.6	22.8	0.78	
E5697391 (4910107)	<0.2	3.47	6	17	138	1.2	<1	0.49	<0.5	40	17.1	81.7	22.8	3.94	
E5697392 (4910108)	<0.2	4.15	5	20	161	1.3	<1	0.50	<0.5	46	23.1	95.0	24.5	4.82	
E5697393 (4910109)	<0.2	4.40	8	33	161	1.6	<1	0.42	<0.5	52	19.9	95.1	27.4	4.86	
E5697394 (4910110)	<0.2	4.08	6	18	153	1.3	<1	0.40	<0.5	43	21.7	92.6	29.5	4.90	
E5697395 (4910111)	<0.2	3.50	3	21	145	1.4	<1	0.51	<0.5	55	21.7	83.0	27.5	4.11	
E5697396 (4910112)	0.2	4.29	6	21	171	1.7	<1	0.72	<0.5	62	21.2	105	28.8	4.74	
E5697397 (4910113)	<0.2	3.81	6	21	227	1.5	<1	0.83	<0.5	88	23.7	96.3	34.7	4.37	
E5697398 (4910114)	<0.2	3.52	1	21	167	1.4	<1	0.76	<0.5	68	19.6	84.7	30.0	3.92	
E5697399 (4910115)	<0.2	3.91	10	19	178	1.6	<1	0.76	<0.5	86	23.8	89.0	25.8	4.41	
E5697400 (4910116)	0.3	4.34	6	17	169	1.6	<1	0.68	<0.5	77	8.7	80.7	23.2	2.80	
E5697401 (4910117)	<0.2	3.84	4	19	158	1.4	<1	0.53	<0.5	52	20.6	89.5	28.5	4.34	
E5697402 (4910118)	<0.2	3.75	5	17	138	1.4	<1	0.44	<0.5	45	21.9	87.2	23.2	4.48	
E5697403 (4910119)	<0.2	4.60	4	21	176	1.6	<1	0.49	<0.5	52	22.8	99.6	29.5	5.05	
E5697404 (4910120)	<0.2	4.51	5	20	166	1.5	<1	0.42	<0.5	43	19.9	98.4	31.3	5.00	
E5697405 (4910121)	<0.2	3.89	8	21	213	1.7	<1	0.86	<0.5	90	28.2	96.0	34.5	4.65	
E5697406 (4910122)	<0.2	3.68	6	16	147	1.5	<1	0.58	<0.5	60	19.4	88.3	25.7	4.35	
E5697407 (4910123)	<0.2	3.27	4	18	190	1.3	<1	0.72	<0.5	72	18.7	83.5	32.4	3.77	
E5697408 (4910124)	<0.2	3.00	6	15	135	1.2	<1	0.63	<0.5	61	17.0	72.7	25.1	3.50	
E5697409 (4910125)	<0.2	3.34	5	19	160	1.4	<1	0.67	<0.5	70	19.3	78.4	29.0	3.83	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777882  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013						DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697290 (4910006)	<5	<1	<1	0.01	5	1	0.04	9	2.7	<0.01	4.2	360	8.9	<10	
E5697291 (4910007)	17	<1	7	0.65	42	56	1.97	909	1.5	0.05	54.8	617	28.9	127	
E5697292 (4910008)	17	<1	6	0.67	41	64	1.71	662	<0.5	0.05	60.1	641	31.4	143	
E5697293 (4910009)	19	2	8	0.72	47	63	1.63	790	<0.5	0.04	67.4	476	31.7	147	
E5697294 (4910010)	18	<1	8	0.67	38	58	1.60	655	0.6	0.04	60.8	381	33.2	147	
E5697295 (4910011)	19	<1	6	0.64	27	57	1.60	680	<0.5	0.04	58.6	393	29.1	144	
E5697296 (4910012)	19	3	9	0.71	34	59	1.65	605	<0.5	0.04	58.1	368	30.3	143	
E5697297 (4910013)	18	3	5	0.58	35	61	1.49	856	0.9	0.03	56.9	611	30.8	144	
E5697298 (4910014)	16	<1	4	0.63	39	54	1.49	658	0.7	0.04	55.7	476	25.6	129	
E5697299 (4910015)	18	<1	5	0.79	50	66	1.75	800	0.8	0.05	66.1	475	29.3	156	
E5697300 (4910016)	<5	<1	<1	0.01	2	<1	0.06	19	3.6	<0.01	5.1	226	4.9	<10	
E5697301 (4910017)	17	<1	5	0.63	43	68	1.62	442	0.8	0.04	56.5	586	28.2	126	
E5697302 (4910018)	16	2	9	0.54	38	55	1.38	700	0.7	0.04	53.3	560	28.2	112	
E5697303 (4910019)	17	<1	7	0.52	25	58	1.35	519	0.5	0.03	48.9	481	27.6	129	
E5697304 (4910020)	20	2	5	0.80	37	61	1.69	602	<0.5	0.05	60.6	467	30.9	168	
E5697305 (4910021)	19	2	6	0.68	26	60	1.66	675	0.6	0.04	56.6	351	31.0	151	
E5697306 (4910022)	18	<1	12	0.75	37	58	1.66	686	<0.5	0.05	60.6	442	31.6	161	
E5697307 (4910023)	19	<1	<1	0.71	26	59	1.69	633	<0.5	0.04	59.2	303	31.7	151	
E5697308 (4910024)	19	2	6	0.68	35	57	1.63	672	0.7	0.04	57.8	395	32.5	141	
E5697309 (4910025)	17	<1	5	0.57	20	51	1.41	733	1.8	0.03	50.1	347	38.9	127	
E5697310 (4910026)	16	2	8	0.69	40	56	1.92	544	0.9	0.06	55.8	625	27.5	132	
E5697311 (4910027)	14	2	1	0.54	26	49	1.26	361	0.7	0.03	43.4	720	27.3	106	
E5697312 (4910028)	16	4	1	0.54	28	51	1.35	446	<0.5	0.03	52.0	413	24.0	114	
E5697313 (4910029)	17	2	4	0.55	19	54	1.45	724	0.9	0.03	50.7	343	29.1	134	
E5697314 (4910030)	18	3	3	0.75	38	57	1.63	662	<0.5	0.05	61.1	431	30.3	161	
E5697315 (4910031)	18	2	5	0.70	45	57	1.65	691	<0.5	0.05	59.9	410	30.5	145	
E5697316 (4910032)	16	<1	2	0.51	33	51	1.42	789	<0.5	0.04	49.9	421	27.1	122	
E5697317 (4910033)	16	1	4	0.51	22	44	1.38	567	0.8	0.05	48.7	280	25.0	122	
E5697318 (4910034)	18	<1	6	0.60	33	54	1.65	646	<0.5	0.04	56.4	320	30.2	134	
E5697319 (4910035)	19	1	1	0.66	30	57	1.63	573	<0.5	0.04	57.4	348	30.0	150	
E5697320 (4910036)	14	2	5	0.61	41	54	1.58	589	0.7	0.05	55.2	631	29.4	120	
E5697321 (4910037)	17	<1	4	0.70	48	62	1.70	820	<0.5	0.05	64.5	547	28.2	138	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U777882  
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5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013						DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697322 (4910038)	18	<1	9	0.58	26	52	1.34	541	<0.5	0.03	50.7	383	30.0	129	
E5697323 (4910039)	19	3	6	0.67	26	57	1.60	559	<0.5	0.03	55.1	374	31.3	149	
E5697324 (4910040)	19	5	2	0.70	35	58	1.64	652	0.6	0.04	60.5	351	33.4	151	
E5697325 (4910041)	19	<1	3	0.66	41	57	1.64	728	<0.5	0.04	59.3	375	30.1	138	
E5697326 (4910042)	18	3	7	0.59	28	51	1.55	717	<0.5	0.04	52.9	414	34.2	146	
E5697327 (4910043)	5	<1	<1	0.03	4	2	0.10	42	0.8	<0.01	4.9	99	2.9	<10	
E5697328 (4910044)	20	<1	6	0.68	26	58	1.61	703	0.9	0.03	55.5	286	32.9	155	
E5697329 (4910045)	19	<1	5	0.57	32	59	1.43	518	0.6	0.03	51.4	355	31.2	137	
E5697330 (4910046)	13	<1	3	0.44	26	40	1.08	350	0.7	0.03	39.8	452	21.1	80	
E5697331 (4910047)	12	<1	2	0.44	26	37	1.01	314	<0.5	0.03	36.3	521	16.1	77	
E5697332 (4910048)	13	<1	<1	0.29	17	38	1.14	443	0.6	0.04	37.6	242	16.9	89	
E5697333 (4910049)	12	<1	2	0.32	18	39	1.17	590	0.8	0.04	38.9	199	20.1	84	
E5697334 (4910050)	10	1	1	0.20	15	29	0.90	392	1.0	0.03	32.7	441	15.9	61	
E5697335 (4910051)	11	<1	3	0.19	14	29	0.96	348	0.9	0.04	35.2	307	14.1	54	
E5697336 (4910052)	18	1	9	0.56	31	58	1.50	698	1.1	0.04	54.8	494	32.4	149	
E5697337 (4910053)	15	<1	3	0.47	28	35	0.71	153	1.1	0.01	32.8	1050	28.8	96	
E5697338 (4910054)	20	2	7	0.58	24	60	1.39	515	<0.5	0.02	52.2	586	30.1	167	
E5697339 (4910055)	19	<1	9	0.59	36	56	1.24	315	<0.5	0.02	50.6	837	31.6	147	
E5697340 (4910056)	14	3	5	0.62	40	53	1.68	491	<0.5	0.05	51.7	622	24.1	113	
E5697341 (4910057)	13	<1	2	0.37	15	25	0.72	173	1.3	0.02	23.6	302	14.5	64	
E5697342 (4910058)	13	<1	<1	0.35	20	43	1.27	484	<0.5	0.05	42.2	196	19.7	97	
E5697343 (4910059)	13	<1	1	0.38	19	41	1.26	607	1.4	0.04	42.0	253	20.1	97	
E5697344 (4910060)	11	<1	2	0.27	14	32	1.09	481	<0.5	0.04	39.4	366	16.1	76	
E5697345 (4910061)	10	<1	4	0.24	16	31	1.04	462	<0.5	0.04	38.5	336	17.3	70	
E5697346 (4910062)	16	2	3	0.43	28	45	1.10	428	0.6	0.02	43.7	589	27.3	110	
E5697347 (4910063)	18	4	2	0.52	32	54	1.30	455	1.2	0.02	51.0	731	28.1	138	
E5697348 (4910064)	18	3	5	0.52	24	58	1.52	679	<0.5	0.03	54.9	412	32.8	146	
E5697349 (4910065)	13	1	4	0.36	26	27	0.56	115	1.2	0.01	29.1	1070	28.8	73	
E5697350 (4910066)	<5	<1	<1	0.10	8	8	0.35	154	3.6	0.01	14.9	373	8.8	18	
E5697351 (4910067)	11	1	5	0.44	28	41	1.23	370	0.8	0.03	45.0	526	21.2	88	
E5697352 (4910068)	15	3	2	0.44	18	50	1.34	640	<0.5	0.03	47.2	348	22.6	109	
E5697353 (4910069)	19	<1	3	0.63	22	57	1.59	648	<0.5	0.04	56.1	307	29.1	138	

Certified By:



## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013						DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697354 (4910070)	19	1	7	0.56	20	57	1.53	674	0.6	0.03	53.6	293	30.7	130	
E5697355 (4910071)	15	2	8	0.47	19	52	1.35	802	<0.5	0.03	46.5	355	26.6	117	
E5697356 (4910072)	17	2	1	0.59	23	52	1.38	449	<0.5	0.02	51.7	645	26.1	149	
E5697357 (4910073)	16	2	11	0.45	19	49	1.33	622	0.6	0.03	48.3	476	24.7	119	
E5697358 (4910074)	18	2	5	0.54	19	43	1.16	310	0.8	0.02	45.7	685	27.2	127	
E5697359 (4910075)	21	1	4	0.66	22	57	1.47	573	0.6	0.02	54.4	629	28.3	166	
E5697360 (4910076)	15	3	5	0.46	18	45	1.30	618	<0.5	0.04	47.4	253	24.2	120	
E5697361 (4910077)	13	2	2	0.41	17	44	1.27	616	<0.5	0.04	44.9	226	23.5	104	
E5697362 (4910078)	18	1	3	0.59	24	55	1.59	578	<0.5	0.04	55.7	288	29.3	131	
E5697363 (4910079)	17	2	4	0.56	21	52	1.46	692	<0.5	0.04	51.5	312	32.1	127	
E5697364 (4910080)	17	2	7	0.60	25	56	1.50	671	<0.5	0.04	53.7	338	27.4	127	
E5697365 (4910081)	14	1	2	0.35	19	34	0.95	1440	0.7	0.02	34.5	561	34.4	92	
E5697366 (4910082)	20	2	4	0.62	32	60	1.28	490	0.6	0.02	50.0	1050	27.8	141	
E5697367 (4910083)	19	<1	2	0.56	35	60	1.30	497	<0.5	0.02	50.1	943	29.3	131	
E5697368 (4910084)	18	4	3	0.52	39	62	1.31	627	0.6	0.02	50.5	1010	28.5	120	
E5697369 (4910085)	11	1	4	0.41	36	36	0.74	227	1.4	0.02	35.3	1290	31.9	75	
E5697370 (4910086)	<5	<1	<1	0.10	21	5	0.13	65	2.5	<0.01	15.2	795	16.1	15	
E5697371 (4910087)	18	<1	12	0.65	21	57	1.54	674	0.7	0.03	53.2	356	28.3	140	
E5697372 (4910088)	16	<1	2	0.39	19	54	1.30	752	1.4	0.03	45.6	332	22.4	118	
E5697373 (4910089)	19	<1	2	0.56	27	63	1.47	537	<0.5	0.03	52.7	313	30.5	140	
E5697374 (4910090)	20	<1	<1	0.59	25	60	1.52	571	<0.5	0.03	53.1	248	29.9	149	
E5697375 (4910091)	18	<1	6	0.62	22	57	1.54	678	2.5	0.04	52.3	317	32.9	143	
E5697376 (4910092)	6	<1	1	0.17	12	20	0.70	356	0.7	0.04	25.2	473	11.3	40	
E5697377 (4910093)	18	<1	9	0.62	26	59	1.46	542	1.0	0.03	55.4	617	29.0	148	
E5697378 (4910094)	13	2	6	0.59	35	48	1.86	646	1.5	0.06	46.7	638	24.7	119	
E5697379 (4910095)	11	<1	1	0.34	33	38	1.01	364	<0.5	0.04	36.1	773	18.7	70	
E5697380 (4910096)	17	<1	<1	0.39	39	26	0.43	85	1.6	0.01	22.8	1130	23.6	73	
E5697381 (4910097)	13	<1	3	0.49	19	42	1.21	520	<0.5	0.05	43.0	294	22.7	108	
E5697382 (4910098)	18	2	8	0.58	21	55	1.49	660	0.6	0.04	52.3	293	32.5	128	
E5697383 (4910099)	18	<1	2	0.56	20	58	1.39	718	0.6	0.03	48.9	401	27.5	154	
E5697384 (4910100)	17	<1	7	0.64	23	56	1.53	710	1.1	0.04	52.9	344	28.7	146	
E5697385 (4910101)	18	<1	8	0.64	23	57	1.55	660	<0.5	0.05	54.4	404	30.3	146	

Certified By:



## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013						DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697386 (4910102)	10	<1	1	0.21	14	30	0.88	358	0.9	0.03	31.1	474	14.4	58	
E5697387 (4910103)	19	<1	8	0.60	40	65	1.48	703	<0.5	0.03	58.2	841	29.7	152	
E5697388 (4910104)	8	<1	2	0.27	34	31	0.75	381	0.5	0.03	32.1	662	15.4	52	
E5697389 (4910105)	14	<1	3	0.34	59	42	0.97	520	1.5	0.02	41.1	716	24.8	68	
E5697390 (4910106)	8	<1	<1	0.20	30	12	0.19	57	2.2	<0.01	14.3	1350	17.0	29	
E5697391 (4910107)	14	<1	13	0.53	19	47	1.31	497	1.4	0.04	44.7	442	25.6	109	
E5697392 (4910108)	18	<1	8	0.64	19	58	1.52	755	0.7	0.04	51.2	352	31.6	150	
E5697393 (4910109)	20	2	3	0.60	26	67	1.43	527	<0.5	0.03	51.4	402	29.6	156	
E5697394 (4910110)	19	<1	6	0.59	20	54	1.42	758	1.1	0.03	51.0	438	31.4	145	
E5697395 (4910111)	15	1	7	0.58	23	47	1.32	728	<0.5	0.04	46.7	458	25.9	127	
E5697396 (4910112)	22	2	10	0.58	33	61	1.54	592	1.7	0.03	60.7	716	30.2	163	
E5697397 (4910113)	17	<1	<1	0.65	41	53	1.57	966	<0.5	0.06	55.5	564	27.9	138	
E5697398 (4910114)	15	<1	2	0.55	28	48	1.37	431	<0.5	0.04	49.3	493	24.9	119	
E5697399 (4910115)	16	<1	4	0.56	36	57	1.50	695	<0.5	0.04	55.0	482	30.7	123	
E5697400 (4910116)	17	<1	6	0.50	41	45	0.79	162	1.0	0.01	33.0	975	24.8	104	
E5697401 (4910117)	16	<1	5	0.59	22	52	1.39	643	1.9	0.04	49.7	433	26.8	128	
E5697402 (4910118)	17	1	8	0.54	21	54	1.40	765	0.8	0.03	49.0	363	28.8	130	
E5697403 (4910119)	20	4	8	0.61	24	63	1.58	595	<0.5	0.03	55.2	315	31.8	148	
E5697404 (4910120)	20	<1	8	0.64	23	60	1.49	634	0.8	0.02	53.8	653	29.8	159	
E5697405 (4910121)	17	3	7	0.65	38	57	1.54	1260	<0.5	0.05	57.9	628	34.0	149	
E5697406 (4910122)	17	3	1	0.54	29	57	1.44	659	0.6	0.03	50.1	687	27.1	125	
E5697407 (4910123)	14	<1	2	0.53	34	45	1.31	615	<0.5	0.05	50.2	555	24.9	108	
E5697408 (4910124)	14	2	2	0.42	26	41	1.15	629	0.6	0.03	42.9	502	22.1	84	
E5697409 (4910125)	15	<1	3	0.53	28	47	1.28	696	<0.5	0.04	46.1	461	23.4	103	

Certified By:



## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697290 (4910006)	0.165	<1	1.3	<10	<5	16.7	<10	<10	<5	<0.01	<5	<5	3.9	<1	
E5697291 (4910007)	0.050	3	13.9	<10	27	55.3	<10	<10	10	0.15	<5	<5	93.0	<1	
E5697292 (4910008)	0.031	3	13.4	<10	17	42.4	<10	<10	11	0.17	<5	<5	97.9	<1	
E5697293 (4910009)	0.012	3	14.8	<10	15	39.8	<10	<10	14	0.17	<5	<5	101	<1	
E5697294 (4910010)	0.016	2	15.6	<10	15	37.2	<10	<10	13	0.17	9	<5	103	<1	
E5697295 (4910011)	0.016	3	13.6	16	11	33.1	<10	<10	12	0.18	<5	<5	100	<1	
E5697296 (4910012)	0.012	1	16.0	<10	15	37.2	<10	<10	14	0.19	<5	<5	101	<1	
E5697297 (4910013)	0.019	2	10.2	<10	14	37.1	<10	<10	7	0.16	<5	<5	101	<1	
E5697298 (4910014)	0.012	<1	13.9	<10	13	40.3	<10	<10	11	0.18	<5	<5	89.0	<1	
E5697299 (4910015)	0.012	<1	17.1	<10	16	42.0	<10	<10	13	0.20	<5	<5	104	1	
E5697300 (4910016)	0.203	2	0.9	<10	<5	17.5	<10	<10	<5	<0.01	<5	<5	7.1	<1	
E5697301 (4910017)	0.017	3	13.5	<10	15	46.6	<10	<10	9	0.17	<5	<5	91.3	<1	
E5697302 (4910018)	0.015	3	12.0	<10	14	35.3	<10	<10	11	0.17	<5	<5	96.9	<1	
E5697303 (4910019)	0.013	<1	9.3	<10	11	29.2	<10	<10	6	0.17	<5	<5	102	1	
E5697304 (4910020)	0.012	<1	16.5	<10	15	39.0	<10	<10	14	0.19	<5	<5	105	<1	
E5697305 (4910021)	0.011	<1	13.3	<10	14	34.9	<10	<10	10	0.20	<5	<5	104	<1	
E5697306 (4910022)	0.009	3	17.1	<10	15	40.3	<10	<10	14	0.20	<5	<5	104	1	
E5697307 (4910023)	0.010	3	15.5	<10	13	37.8	<10	<10	13	0.19	<5	<5	102	1	
E5697308 (4910024)	0.015	3	15.4	<10	12	38.7	<10	<10	13	0.17	<5	<5	103	<1	
E5697309 (4910025)	0.030	<1	11.3	11	14	29.6	<10	<10	10	0.18	6	<5	100	<1	
E5697310 (4910026)	0.025	2	17.1	<10	18	43.3	<10	<10	13	0.17	<5	<5	93.5	<1	
E5697311 (4910027)	0.069	<1	9.3	<10	12	35.9	<10	<10	<5	0.13	<5	<5	78.5	<1	
E5697312 (4910028)	0.009	1	12.1	<10	12	29.7	<10	<10	9	0.16	<5	<5	88.7	1	
E5697313 (4910029)	0.016	3	10.2	<10	11	29.0	<10	<10	8	0.17	5	<5	95.0	1	
E5697314 (4910030)	0.010	3	16.0	<10	16	39.9	<10	<10	14	0.19	<5	<5	103	1	
E5697315 (4910031)	0.011	4	16.3	<10	16	40.3	<10	<10	13	0.19	9	<5	102	1	
E5697316 (4910032)	0.011	3	10.8	<10	15	36.5	<10	<10	10	0.20	<5	<5	91.1	1	
E5697317 (4910033)	0.012	<1	11.4	<10	12	36.9	<10	<10	9	0.18	<5	<5	83.9	<1	
E5697318 (4910034)	0.011	2	15.1	<10	13	37.7	<10	<10	11	0.19	<5	<5	97.3	<1	
E5697319 (4910035)	0.013	3	14.5	<10	15	34.5	<10	<10	13	0.17	<5	<5	99.0	<1	
E5697320 (4910036)	0.027	4	14.0	<10	16	39.6	<10	<10	11	0.16	<5	<5	92.0	<1	
E5697321 (4910037)	0.012	3	16.4	<10	14	41.7	<10	<10	13	0.17	<5	<5	97.4	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777882  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697322 (4910038)	0.013	1	11.7	<10	12	26.9	<10	<10	10	0.16	<5	<5	94.1	1	
E5697323 (4910039)	0.015	<1	14.6	<10	13	34.4	<10	<10	13	0.18	<5	<5	101	<1	
E5697324 (4910040)	0.015	<1	15.6	12	15	38.2	<10	<10	12	0.19	<5	<5	101	1	
E5697325 (4910041)	0.013	3	15.8	<10	13	41.0	<10	<10	13	0.18	<5	<5	99.7	<1	
E5697326 (4910042)	0.018	<1	14.1	<10	13	37.3	<10	<10	12	0.18	<5	<5	94.4	<1	
E5697327 (4910043)	<0.005	<1	1.4	<10	<5	10.3	<10	<10	<5	0.08	<5	<5	19.2	<1	
E5697328 (4910044)	0.012	<1	14.3	13	13	32.9	<10	<10	11	0.18	<5	<5	100	2	
E5697329 (4910045)	0.014	2	11.6	<10	13	30.1	<10	<10	10	0.16	<5	<5	101	<1	
E5697330 (4910046)	0.024	<1	9.6	10	11	29.3	<10	<10	8	0.13	7	<5	71.3	<1	
E5697331 (4910047)	0.024	<1	9.5	<10	11	30.3	<10	<10	7	0.13	11	<5	66.6	<1	
E5697332 (4910048)	0.013	<1	7.4	<10	13	34.6	<10	<10	<5	0.18	<5	<5	73.9	<1	
E5697333 (4910049)	0.006	<1	8.2	<10	14	35.5	<10	<10	7	0.19	<5	<5	77.4	<1	
E5697334 (4910050)	0.017	1	6.1	<10	12	30.5	<10	<10	<5	0.17	<5	<5	65.6	<1	
E5697335 (4910051)	0.008	<1	6.4	<10	13	31.3	<10	<10	<5	0.17	8	<5	65.5	<1	
E5697336 (4910052)	0.016	1	12.9	<10	14	31.3	<10	<10	12	0.18	11	<5	98.8	<1	
E5697337 (4910053)	0.092	<1	5.7	<10	<5	20.6	<10	<10	<5	0.06	<5	<5	52.1	<1	
E5697338 (4910054)	0.034	2	8.4	12	13	27.8	<10	<10	<5	0.15	<5	<5	93.9	2	
E5697339 (4910055)	0.050	2	8.5	<10	10	25.3	<10	<10	<5	0.11	<5	<5	85.4	2	
E5697340 (4910056)	0.027	1	14.3	<10	17	40.7	<10	<10	10	0.17	8	<5	85.4	1	
E5697341 (4910057)	0.032	1	6.8	<10	8	20.6	<10	<10	<5	0.12	<5	<5	53.3	<1	
E5697342 (4910058)	0.011	<1	9.3	<10	13	38.0	<10	<10	7	0.20	7	<5	74.8	<1	
E5697343 (4910059)	0.010	<1	9.4	<10	13	37.7	<10	<10	8	0.21	<5	<5	80.9	<1	
E5697344 (4910060)	0.010	1	7.1	<10	12	34.9	<10	<10	5	0.19	<5	<5	70.2	<1	
E5697345 (4910061)	0.013	<1	6.9	<10	13	33.7	<10	<10	<5	0.18	<5	<5	68.2	<1	
E5697346 (4910062)	0.042	2	7.9	<10	12	25.0	<10	<10	<5	0.11	<5	<5	78.9	<1	
E5697347 (4910063)	0.040	<1	9.2	<10	12	27.4	<10	<10	<5	0.13	<5	<5	87.3	<1	
E5697348 (4910064)	0.015	3	10.1	<10	14	30.7	<10	<10	8	0.19	<5	<5	100	1	
E5697349 (4910065)	0.123	1	4.6	<10	6	20.6	<10	<10	<5	0.06	<5	<5	45.1	<1	
E5697350 (4910066)	0.164	<1	3.1	<10	9	31.7	<10	<10	<5	0.04	<5	<5	22.8	<1	
E5697351 (4910067)	0.064	4	10.9	<10	14	33.5	<10	<10	7	0.14	<5	<5	72.0	<1	
E5697352 (4910068)	0.011	2	8.7	<10	13	29.0	<10	<10	7	0.19	<5	<5	87.9	<1	
E5697353 (4910069)	0.012	<1	13.0	<10	14	35.3	<10	<10	10	0.19	<5	<5	97.7	2	

Certified By:



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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697354 (4910070)	0.011	4	11.0	<10	15	32.0	<10	<10	9	0.20	6	<5	96.1	<1	
E5697355 (4910071)	0.014	3	8.8	<10	13	31.9	<10	<10	6	0.18	<5	<5	86.8	<1	
E5697356 (4910072)	0.035	<1	8.1	<10	12	30.3	<10	<10	<5	0.14	<5	<5	89.3	2	
E5697357 (4910073)	0.016	<1	8.2	<10	11	29.0	<10	<10	5	0.18	<5	<5	92.4	2	
E5697358 (4910074)	0.063	<1	6.4	<10	7	24.4	<10	<10	<5	0.09	<5	<5	74.0	<1	
E5697359 (4910075)	0.035	<1	8.6	<10	12	28.9	<10	<10	<5	0.16	9	<5	97.1	<1	
E5697360 (4910076)	0.012	<1	9.8	<10	14	33.5	<10	<10	8	0.19	<5	<5	84.4	<1	
E5697361 (4910077)	0.009	1	9.0	<10	13	34.2	<10	<10	7	0.20	<5	<5	79.7	2	
E5697362 (4910078)	0.011	<1	13.9	13	13	35.7	<10	<10	13	0.21	<5	<5	95.5	2	
E5697363 (4910079)	0.013	2	11.8	<10	14	35.0	<10	<10	10	0.22	<5	<5	94.3	1	
E5697364 (4910080)	0.014	<1	12.7	<10	14	33.4	<10	<10	10	0.22	<5	<5	97.6	<1	
E5697365 (4910081)	0.042	2	5.6	<10	13	33.7	<10	<10	<5	0.15	<5	<5	71.8	<1	
E5697366 (4910082)	0.057	<1	7.5	<10	11	33.0	<10	<10	<5	0.10	<5	<5	89.7	<1	
E5697367 (4910083)	0.050	<1	8.5	<10	10	36.1	<10	<10	<5	0.11	<5	<5	91.2	<1	
E5697368 (4910084)	0.048	5	8.5	15	12	37.4	<10	<10	<5	0.10	<5	<5	89.4	<1	
E5697369 (4910085)	0.160	1	4.3	<10	9	26.8	<10	<10	<5	0.07	<5	<5	51.8	<1	
E5697370 (4910086)	0.235	<1	1.6	<10	8	28.7	<10	<10	<5	0.02	<5	<5	17.5	<1	
E5697371 (4910087)	0.015	2	11.7	13	13	31.9	<10	<10	9	0.20	<5	<5	99.2	<1	
E5697372 (4910088)	0.012	<1	7.9	<10	11	27.2	<10	<10	6	0.16	<5	<5	85.7	1	
E5697373 (4910089)	0.021	<1	12.2	<10	13	28.7	<10	<10	9	0.17	<5	<5	104	<1	
E5697374 (4910090)	0.014	2	14.0	13	15	30.9	<10	<10	11	0.19	<5	<5	106	<1	
E5697375 (4910091)	0.021	2	12.0	<10	14	31.6	<10	<10	9	0.19	<5	<5	99.0	<1	
E5697376 (4910092)	0.006	<1	4.8	<10	11	29.3	<10	<10	<5	0.14	<5	<5	47.9	<1	
E5697377 (4910093)	0.031	<1	8.6	<10	13	29.2	<10	<10	<5	0.17	<5	<5	95.6	2	
E5697378 (4910094)	0.053	2	13.0	<10	30	60.9	<10	<10	9	0.16	10	<5	80.0	<1	
E5697379 (4910095)	0.033	<1	6.9	<10	13	37.0	<10	<10	<5	0.15	<5	<5	66.4	<1	
E5697380 (4910096)	0.097	1	4.2	<10	7	25.7	<10	<10	<5	0.05	<5	<5	43.5	2	
E5697381 (4910097)	0.010	<1	9.8	<10	12	29.4	<10	<10	8	0.16	<5	<5	79.0	<1	
E5697382 (4910098)	0.015	1	11.6	<10	13	31.5	<10	<10	9	0.18	<5	<5	97.5	<1	
E5697383 (4910099)	0.018	<1	8.6	<10	13	26.6	<10	<10	6	0.19	<5	<5	95.6	<1	
E5697384 (4910100)	0.014	1	12.4	14	13	33.9	<10	<10	10	0.19	<5	<5	95.6	<1	
E5697385 (4910101)	0.013	<1	12.4	<10	16	33.4	<10	<10	10	0.20	<5	<5	96.6	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U777882  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 25, 2013	SAMPLE TYPE: Soil												
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5697386 (4910102)	0.013	1	5.4	<10	11	29.4	<10	<10	<5	0.16	<5	<5	56.7	<1	
E5697387 (4910103)	0.038	2	9.6	<10	13	37.6	<10	<10	<5	0.15	<5	<5	94.5	2	
E5697388 (4910104)	0.022	<1	6.0	<10	9	27.0	<10	<10	5	0.12	<5	<5	53.9	<1	
E5697389 (4910105)	0.037	3	7.3	<10	11	29.1	<10	<10	<5	0.11	<5	9	85.0	<1	
E5697390 (4910106)	0.173	<1	1.3	<10	<5	22.5	<10	<10	<5	0.02	<5	<5	24.6	<1	
E5697391 (4910107)	0.009	<1	10.5	11	12	30.3	<10	<10	9	0.19	<5	<5	85.9	<1	
E5697392 (4910108)	0.012	2	10.3	<10	14	30.9	<10	<10	7	0.20	<5	<5	98.0	<1	
E5697393 (4910109)	0.019	<1	10.0	<10	11	26.8	<10	<10	5	0.16	<5	<5	98.0	<1	
E5697394 (4910110)	0.019	2	8.5	<10	12	25.0	<10	<10	<5	0.18	<5	<5	99.9	<1	
E5697395 (4910111)	0.017	3	10.8	<10	13	31.7	<10	<10	10	0.19	<5	<5	88.2	<1	
E5697396 (4910112)	0.027	2	9.8	10	13	35.6	<10	<10	6	0.17	<5	<5	100	2	
E5697397 (4910113)	0.017	<1	12.1	<10	15	41.8	<10	<10	9	0.20	<5	<5	92.4	<1	
E5697398 (4910114)	0.016	2	11.8	<10	14	34.0	<10	<10	9	0.17	<5	<5	86.6	<1	
E5697399 (4910115)	0.016	2	11.3	<10	14	35.0	<10	<10	9	0.18	<5	<5	94.7	<1	
E5697400 (4910116)	0.078	<1	7.4	<10	10	29.5	<10	<10	<5	0.08	<5	<5	61.2	<1	
E5697401 (4910117)	0.014	<1	10.5	<10	13	31.1	<10	<10	8	0.18	<5	<5	91.6	2	
E5697402 (4910118)	0.016	1	9.8	<10	14	27.8	<10	<10	9	0.19	<5	<5	95.4	1	
E5697403 (4910119)	0.014	<1	11.4	13	14	30.4	<10	<10	8	0.19	<5	<5	101	<1	
E5697404 (4910120)	0.036	3	8.0	<10	11	25.4	<10	<10	<5	0.16	<5	<5	95.5	<1	
E5697405 (4910121)	0.023	2	11.4	12	15	37.9	<10	<10	7	0.19	<5	<5	95.6	<1	
E5697406 (4910122)	0.022	2	9.0	<10	14	30.5	<10	<10	6	0.17	<5	<5	92.6	1	
E5697407 (4910123)	0.015	<1	10.8	<10	13	35.1	<10	<10	9	0.18	10	<5	81.1	2	
E5697408 (4910124)	0.013	<1	9.7	<10	10	28.0	<10	<10	8	0.16	<5	<5	74.9	<1	
E5697409 (4910125)	0.012	1	11.3	<10	12	32.3	<10	<10	9	0.17	<5	<5	81.4	<1	

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013      DATE RECEIVED: Nov 01, 2013      DATE REPORTED: Nov 25, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697290 (4910006)		2	21.3	<5
E5697291 (4910007)		16	96.7	28
E5697292 (4910008)		16	127	19
E5697293 (4910009)		18	105	22
E5697294 (4910010)		14	97.3	25
E5697295 (4910011)		9	109	19
E5697296 (4910012)		12	96.3	29
E5697297 (4910013)		13	129	6
E5697298 (4910014)		16	85.5	24
E5697299 (4910015)		19	107	32
E5697300 (4910016)		2	5.3	<5
E5697301 (4910017)		16	133	19
E5697302 (4910018)		15	104	14
E5697303 (4910019)		9	103	8
E5697304 (4910020)		14	101	29
E5697305 (4910021)		9	106	17
E5697306 (4910022)		13	95.5	33
E5697307 (4910023)		8	93.9	26
E5697308 (4910024)		12	93.6	26
E5697309 (4910025)		6	111	15
E5697310 (4910026)		15	101	45
E5697311 (4910027)		10	126	11
E5697312 (4910028)		10	93.2	18
E5697313 (4910029)		6	109	10
E5697314 (4910030)		15	97.2	28
E5697315 (4910031)		18	94.8	29
E5697316 (4910032)		12	94.5	10
E5697317 (4910033)		7	80.7	15
E5697318 (4910034)		10	93.4	25
E5697319 (4910035)		10	107	21
E5697320 (4910036)		16	98.9	27
E5697321 (4910037)		18	108	34

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U777882  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 25, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697322 (4910038)		9	108	14
E5697323 (4910039)		8	99.4	23
E5697324 (4910040)		13	103	26
E5697325 (4910041)		16	95.2	28
E5697326 (4910042)		8	101	21
E5697327 (4910043)		2	8.4	<5
E5697328 (4910044)		8	95.7	21
E5697329 (4910045)		11	101	11
E5697330 (4910046)		10	70.3	16
E5697331 (4910047)		10	66.9	17
E5697332 (4910048)		5	72.3	<5
E5697333 (4910049)		5	66.6	6
E5697334 (4910050)		5	65.2	<5
E5697335 (4910051)		5	62.2	<5
E5697336 (4910052)		12	104	16
E5697337 (4910053)		9	83.3	<5
E5697338 (4910054)		7	129	<5
E5697339 (4910055)		11	108	<5
E5697340 (4910056)		15	97.1	34
E5697341 (4910057)		4	58.1	12
E5697342 (4910058)		6	68.9	7
E5697343 (4910059)		6	77.3	9
E5697344 (4910060)		5	71.5	<5
E5697345 (4910061)		5	67.2	<5
E5697346 (4910062)		9	96.8	<5
E5697347 (4910063)		11	119	<5
E5697348 (4910064)		8	115	8
E5697349 (4910065)		8	72.8	<5
E5697350 (4910066)		4	23.4	8
E5697351 (4910067)		11	88.3	23
E5697352 (4910068)		6	102	7
E5697353 (4910069)		6	102	20

Certified By:



## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013      DATE RECEIVED: Nov 01, 2013      DATE REPORTED: Nov 25, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697354 (4910070)		6	108	13
E5697355 (4910071)		6	115	8
E5697356 (4910072)		7	130	<5
E5697357 (4910073)		7	118	<5
E5697358 (4910074)		6	122	<5
E5697359 (4910075)		7	148	<5
E5697360 (4910076)		6	74.6	10
E5697361 (4910077)		6	76.1	9
E5697362 (4910078)		7	89.6	22
E5697363 (4910079)		6	91.1	16
E5697364 (4910080)		8	92.7	17
E5697365 (4910081)		6	122	<5
E5697366 (4910082)		10	162	<5
E5697367 (4910083)		12	156	<5
E5697368 (4910084)		13	159	<5
E5697369 (4910085)		12	104	<5
E5697370 (4910086)		9	36.3	<5
E5697371 (4910087)		6	101	16
E5697372 (4910088)		6	113	<5
E5697373 (4910089)		8	108	15
E5697374 (4910090)		7	90.9	23
E5697375 (4910091)		6	118	17
E5697376 (4910092)		5	56.4	<5
E5697377 (4910093)		9	137	5
E5697378 (4910094)		14	81.0	29
E5697379 (4910095)		12	86.0	<5
E5697380 (4910096)		12	55.9	<5
E5697381 (4910097)		6	73.9	13
E5697382 (4910098)		6	103	15
E5697383 (4910099)		6	105	7
E5697384 (4910100)		7	109	18
E5697385 (4910101)		7	111	17

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 25, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697386 (4910102)	6	83.0	<5	
E5697387 (4910103)	15	138	<5	
E5697388 (4910104)	14	56.4	<5	
E5697389 (4910105)	20	80.7	<5	
E5697390 (4910106)	10	28.8	<5	
E5697391 (4910107)	6	79.8	14	
E5697392 (4910108)	6	109	13	
E5697393 (4910109)	8	97.0	7	
E5697394 (4910110)	6	136	7	
E5697395 (4910111)	8	111	13	
E5697396 (4910112)	12	154	<5	
E5697397 (4910113)	16	92.3	12	
E5697398 (4910114)	11	97.6	18	
E5697399 (4910115)	14	88.5	12	
E5697400 (4910116)	13	90.5	<5	
E5697401 (4910117)	7	101	11	
E5697402 (4910118)	6	97.6	9	
E5697403 (4910119)	8	106	12	
E5697404 (4910120)	7	165	<5	
E5697405 (4910121)	14	137	10	
E5697406 (4910122)	11	137	5	
E5697407 (4910123)	13	82.5	13	
E5697408 (4910124)	11	72.8	13	
E5697409 (4910125)	11	76.9	18	

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 25, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697290 (4910006)		0.33	0.002
E5697291 (4910007)		0.57	<0.001
E5697292 (4910008)		0.71	<0.001
E5697293 (4910009)		0.71	0.002
E5697294 (4910010)		0.56	0.001
E5697295 (4910011)		0.59	<0.001
E5697296 (4910012)		0.45	0.003
E5697297 (4910013)		0.71	<0.001
E5697298 (4910014)		0.69	0.002
E5697299 (4910015)		0.58	0.002
E5697300 (4910016)		0.35	<0.001
E5697301 (4910017)		0.62	0.002
E5697302 (4910018)		0.61	<0.001
E5697303 (4910019)		0.55	<0.001
E5697304 (4910020)		0.46	0.002
E5697305 (4910021)		0.60	0.002
E5697306 (4910022)		0.59	0.001
E5697307 (4910023)		0.56	0.001
E5697308 (4910024)		0.51	0.001
E5697309 (4910025)		0.49	0.630
E5697310 (4910026)		0.60	0.002
E5697311 (4910027)		0.57	0.087
E5697312 (4910028)		0.54	<0.001
E5697313 (4910029)		0.52	<0.001
E5697314 (4910030)		0.49	0.002
E5697315 (4910031)		0.52	0.002
E5697316 (4910032)		0.53	0.005
E5697317 (4910033)		0.47	0.018
E5697318 (4910034)		0.48	0.007
E5697319 (4910035)		0.48	0.020
E5697320 (4910036)		0.58	0.005

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 25, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697321 (4910037)		0.56	0.057
E5697322 (4910038)		0.62	0.005
E5697323 (4910039)		0.52	0.024
E5697324 (4910040)		0.52	0.007
E5697325 (4910041)		0.43	0.008
E5697326 (4910042)		0.49	0.087
E5697327 (4910043)		0.45	0.004
E5697328 (4910044)		0.53	0.004
E5697329 (4910045)		0.53	0.005
E5697330 (4910046)		0.53	0.007
E5697331 (4910047)		0.58	0.001
E5697332 (4910048)		0.56	<0.001
E5697333 (4910049)		0.45	<0.001
E5697334 (4910050)		0.29	0.001
E5697335 (4910051)		0.41	<0.001
E5697336 (4910052)		0.61	0.003
E5697337 (4910053)		0.41	0.039
E5697338 (4910054)		0.58	0.032
E5697339 (4910055)		0.54	0.003
E5697340 (4910056)		0.48	0.071
E5697341 (4910057)		0.40	0.019
E5697342 (4910058)		0.53	0.001
E5697343 (4910059)		0.48	0.006
E5697344 (4910060)		0.37	0.006
E5697345 (4910061)		0.38	0.013
E5697346 (4910062)		0.49	0.055
E5697347 (4910063)		0.39	0.127
E5697348 (4910064)		0.77	0.051
E5697349 (4910065)		0.34	0.070
E5697350 (4910066)		0.41	0.002
E5697351 (4910067)		0.45	0.003

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 25, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5697352 (4910068)		0.44	0.039
E5697353 (4910069)		0.47	0.001
E5697354 (4910070)		0.46	0.022
E5697355 (4910071)		0.43	0.009
E5697356 (4910072)		0.61	0.006
E5697357 (4910073)		0.60	0.010
E5697358 (4910074)		0.40	0.008
E5697359 (4910075)		0.42	0.016
E5697360 (4910076)		0.37	0.001
E5697361 (4910077)		0.41	<0.001
E5697362 (4910078)		0.40	0.036
E5697363 (4910079)		0.37	0.075
E5697364 (4910080)		0.47	0.137
E5697365 (4910081)		0.30	0.002
E5697366 (4910082)		0.47	0.008
E5697367 (4910083)		0.47	0.114
E5697368 (4910084)		0.50	0.005
E5697369 (4910085)		0.34	0.005
E5697370 (4910086)		0.40	0.002
E5697371 (4910087)		0.36	0.003
E5697372 (4910088)		0.37	0.002
E5697373 (4910089)		0.53	0.010
E5697374 (4910090)		0.65	0.006
E5697375 (4910091)		0.46	0.026
E5697376 (4910092)		0.49	0.003
E5697377 (4910093)		0.56	0.132
E5697378 (4910094)		0.81	0.026
E5697379 (4910095)		0.58	0.037
E5697380 (4910096)		0.43	0.004
E5697381 (4910097)		0.53	0.003
E5697382 (4910098)		0.55	0.004

Certified By:



## Certificate of Analysis

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 25, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5697383 (4910099)		0.59	<0.001
E5697384 (4910100)		0.59	<0.001
E5697385 (4910101)		0.57	<0.001
E5697386 (4910102)		0.38	0.001
E5697387 (4910103)		0.62	<0.001
E5697388 (4910104)		0.66	<0.001
E5697389 (4910105)		0.50	0.005
E5697390 (4910106)		0.38	0.002
E5697391 (4910107)		0.49	<0.001
E5697392 (4910108)		0.55	<0.001
E5697393 (4910109)		0.60	<0.001
E5697394 (4910110)		0.47	<0.001
E5697395 (4910111)		0.50	0.001
E5697396 (4910112)		0.57	<0.001
E5697397 (4910113)		0.65	0.001
E5697398 (4910114)		0.56	<0.001
E5697399 (4910115)		0.52	<0.001
E5697400 (4910116)		0.44	0.002
E5697401 (4910117)		0.54	<0.001
E5697402 (4910118)		0.63	0.002
E5697403 (4910119)		0.63	0.002
E5697404 (4910120)		0.46	0.014
E5697405 (4910121)		0.50	<0.001
E5697406 (4910122)		0.47	<0.001
E5697407 (4910123)		0.49	0.002
E5697408 (4910124)		0.50	<0.001
E5697409 (4910125)		0.65	<0.001

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	E5697290	< 0.2	< 0.2	0.0%	E5697309	< 0.2	< 0.2	0.0%	E5697328	< 0.2	< 0.2	0.0%	E5697340	< 0.2	< 0.2	0.0%
Al	E5697290	0.25	0.25	0.0%	E5697309	3.93	3.89	1.0%	E5697328	4.59	4.64	1.1%	E5697340	3.27	3.28	0.3%
As	E5697290	3	< 1		E5697309	14	15	6.9%	E5697328	8	9	11.8%	E5697340	6	5	18.2%
B	E5697290	< 5	< 5	0.0%	E5697309	18	18	0.0%	E5697328	20	21	4.9%	E5697340	20	17	16.2%
Ba	E5697290	42	42	0.0%	E5697309	148	146	1.4%	E5697328	197	198	0.5%	E5697340	190	191	0.5%
Be	E5697290	< 0.5	< 0.5	0.0%	E5697309	1.3	1.3	0.0%	E5697328	1.63	1.68	3.0%	E5697340	1.4	1.4	0.0%
Bi	E5697290	< 1	< 1	0.0%	E5697309	< 1	< 1	0.0%	E5697328	< 1	< 1	0.0%	E5697340	< 1	< 1	0.0%
Ca	E5697290	0.61	0.62	1.6%	E5697309	0.51	0.51	0.0%	E5697328	0.59	0.59	0.0%	E5697340	1.29	1.31	1.5%
Cd	E5697290	< 0.5	< 0.5	0.0%	E5697309	< 0.5	< 0.5	0.0%	E5697328	< 0.5	< 0.5	0.0%	E5697340	< 0.5	< 0.5	0.0%
Ce	E5697290	9	9	0.0%	E5697309	48	46	4.3%	E5697328	64	65	1.6%	E5697340	77	80	3.8%
Co	E5697290	0.5	0.6	18.2%	E5697309	22.5	22.3	0.9%	E5697328	25.9	25.7	0.8%	E5697340	19.4	20.1	3.5%
Cr	E5697290	4.43	4.66	5.1%	E5697309	106	98.7	7.1%	E5697328	104	106	1.9%	E5697340	82.1	83.7	1.9%
Cu	E5697290	16.5	16.7	1.2%	E5697309	34.8	34.3	1.4%	E5697328	35.9	35.3	1.7%	E5697340	40.0	40.5	1.2%
Fe	E5697290	0.15	0.15	0.0%	E5697309	4.66	4.65	0.2%	E5697328	4.96	4.99	0.6%	E5697340	4.09	4.18	2.2%
Ga	E5697290	< 5	< 5	0.0%	E5697309	17	16	6.1%	E5697328	20	20	0.0%	E5697340	14	15	6.9%
Hg	E5697290	< 1	< 1	0.0%	E5697309	< 1	< 1	0.0%	E5697328	< 1	< 1	0.0%	E5697340	3	3	0.0%
In	E5697290	< 1	< 1	0.0%	E5697309	5	5	0.0%	E5697328	6	7	15.4%	E5697340	5	4	22.2%
K	E5697290	0.01	0.01	0.0%	E5697309	0.57	0.57	0.0%	E5697328	0.68	0.69	1.5%	E5697340	0.617	0.608	1.5%
La	E5697290	5	5	0.0%	E5697309	20	20	0.0%	E5697328	26	26	0.0%	E5697340	40	41	2.5%
Li	E5697290	1	< 1		E5697309	51	51	0.0%	E5697328	58	59	1.7%	E5697340	53	53	0.0%
Mg	E5697290	0.04	0.04	0.0%	E5697309	1.41	1.41	0.0%	E5697328	1.61	1.62	0.6%	E5697340	1.68	1.72	2.4%
Mn	E5697290	9	9	0.0%	E5697309	733	742	1.2%	E5697328	703	702	0.1%	E5697340	491	503	2.4%
Mo	E5697290	2.7	2.5	7.7%	E5697309	1.8	1.4	25.0%	E5697328	0.9	< 0.5		E5697340	< 0.5	< 0.5	0.0%
Na	E5697290	< 0.01	< 0.01	0.0%	E5697309	0.03	0.03	0.0%	E5697328	0.03	0.03	0.0%	E5697340	0.05	0.05	0.0%
Ni	E5697290	4.2	4.1	2.4%	E5697309	50.1	49.1	2.0%	E5697328	55.5	56.7	2.1%	E5697340	51.7	53.3	3.0%
P	E5697290	360	363	0.8%	E5697309	347	345	0.6%	E5697328	286	298	4.1%	E5697340	622	647	3.9%
Pb	E5697290	8.91	10.4	15.4%	E5697309	38.9	39.0	0.3%	E5697328	32.9	31.2	5.3%	E5697340	24.1	29.0	18.5%
Rb	E5697290	< 10	< 10	0.0%	E5697309	127	124	2.4%	E5697328	155	157	1.3%	E5697340	113	115	1.8%
S	E5697290	0.165	0.163	1.2%	E5697309	0.030	0.035	15.4%	E5697328	0.012	0.012	0.0%	E5697340	0.027	0.027	0.0%
Sb	E5697290	< 1	< 1	0.0%	E5697309	< 1	< 1	0.0%	E5697328	< 1	< 1	0.0%	E5697340	1	1	0.0%
Sc	E5697290	1.3	1.3	0.0%	E5697309	11.3	11.1	1.8%	E5697328	14.3	14.7	2.8%	E5697340	14.3	14.5	1.4%





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	E5697290	< 10	< 10	0.0%	E5697309	11	< 10		E5697328	13	10	26.1%	E5697340	< 10	< 10	0.0%
Sn	E5697290	< 5	< 5	0.0%	E5697309	14	14	0.0%	E5697328	13	12	8.0%	E5697340	17	17	0.0%
Sr	E5697290	16.7	17.3	3.5%	E5697309	29.6	29.3	1.0%	E5697328	32.9	32.9	0.0%	E5697340	40.7	40.7	0.0%
Ta	E5697290	< 10	< 10	0.0%	E5697309	< 10	< 10	0.0%	E5697328	< 10	< 10	0.0%	E5697340	< 10	< 10	0.0%
Te	E5697290	< 10	< 10	0.0%	E5697309	< 10	< 10	0.0%	E5697328	< 10	< 10	0.0%	E5697340	< 10	< 10	0.0%
Th	E5697290	< 5	< 5	0.0%	E5697309	10	9	10.5%	E5697328	11	14	24.0%	E5697340	10	10	0.0%
Ti	E5697290	< 0.01	< 0.01	0.0%	E5697309	0.18	0.18	0.0%	E5697328	0.18	0.18	0.0%	E5697340	0.165	0.159	3.7%
Tl	E5697290	< 5	< 5	0.0%	E5697309	6	< 5		E5697328	< 5	< 5	0.0%	E5697340	8	< 5	
U	E5697290	< 5	< 5	0.0%	E5697309	< 5	< 5	0.0%	E5697328	< 5	< 5	0.0%	E5697340	< 5	< 5	0.0%
V	E5697290	3.87	3.85	0.5%	E5697309	100	98.4	1.6%	E5697328	100	102	2.0%	E5697340	85.4	86.9	1.7%
W	E5697290	< 1	< 1	0.0%	E5697309	< 1	< 1	0.0%	E5697328	2	< 1		E5697340	1	< 1	
Y	E5697290	2	2	0.0%	E5697309	6	6	0.0%	E5697328	8	8	0.0%	E5697340	15	16	6.5%
Zn	E5697290	21.3	21.5	0.9%	E5697309	111	106	4.6%	E5697328	95.7	96.1	0.4%	E5697340	97.1	103	5.9%
Zr	E5697290	< 5	< 5	0.0%	E5697309	15	14	6.9%	E5697328	21	22	4.7%	E5697340	34	34	0.0%

Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	E5697359	< 0.2	< 0.2	0.0%	E5697390	0.6	0.6	0.0%	E5697408	< 0.2	< 0.2	0.0%				
Al	E5697359	4.73	4.71	0.4%	E5697390	2.13	2.10	1.4%	E5697408	3.00	3.06	2.0%				
As	E5697359	6	4		E5697390	3	4	28.6%	E5697408	6	4					
B	E5697359	20	19	5.1%	E5697390	9	8	11.8%	E5697408	15	17	12.5%				
Ba	E5697359	186	185	0.5%	E5697390	89	86	3.4%	E5697408	135	141	4.3%				
Be	E5697359	1.5	1.5	0.0%	E5697390	1.0	1.0	0.0%	E5697408	1.2	1.2	0.0%				
Bi	E5697359	< 1	< 1	0.0%	E5697390	< 1	< 1	0.0%	E5697408	< 1	< 1	0.0%				
Ca	E5697359	0.44	0.44	0.0%	E5697390	0.69	0.69	0.0%	E5697408	0.63	0.64	1.6%				
Cd	E5697359	< 0.5	< 0.5	0.0%	E5697390	< 0.5	< 0.5	0.0%	E5697408	< 0.5	< 0.5	0.0%				
Ce	E5697359	42	42	0.0%	E5697390	56	56	0.0%	E5697408	61	61	0.0%				
Co	E5697359	18.0	18.5	2.7%	E5697390	2.5	2.5	0.0%	E5697408	17.0	17.0	0.0%				
Cr	E5697359	105	107	1.9%	E5697390	36.6	35.8	2.2%	E5697408	72.7	72.8	0.1%				
Cu	E5697359	31.7	31.4	1.0%	E5697390	22.8	23.2	1.7%	E5697408	25.1	25.9	3.1%				
Fe	E5697359	4.87	4.88	0.2%	E5697390	0.78	0.77	1.3%	E5697408	3.50	3.57	2.0%				
Ga	E5697359	21	21	0.0%	E5697390	8	8	0.0%	E5697408	14	13	7.4%				
Hg	E5697359	1	1	0.0%	E5697390	< 1	< 1	0.0%	E5697408	2	< 1					
In	E5697359	4	4	0.0%	E5697390	< 1	< 1	0.0%	E5697408	2	2	0.0%				
K	E5697359	0.655	0.647	1.2%	E5697390	0.20	0.19	5.1%	E5697408	0.424	0.434	2.3%				



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La	E5697359	22	22	0.0%	E5697390	30	30	0.0%	E5697408	26	26	0.0%				
Li	E5697359	57	56	1.8%	E5697390	12	11	8.7%	E5697408	41	42	2.4%				
Mg	E5697359	1.47	1.47	0.0%	E5697390	0.19	0.18	5.4%	E5697408	1.15	1.18	2.6%				
Mn	E5697359	573	577	0.7%	E5697390	57	57	0.0%	E5697408	629	642	2.0%				
Mo	E5697359	0.63	0.67	6.2%	E5697390	2.2	1.3		E5697408	0.6	0.8	28.6%				
Na	E5697359	0.02	0.02	0.0%	E5697390	< 0.01	< 0.01	0.0%	E5697408	0.03	0.03	0.0%				
Ni	E5697359	54.4	54.6	0.4%	E5697390	14.3	15.5	8.1%	E5697408	42.9	42.2	1.6%				
P	E5697359	629	616	2.1%	E5697390	1350	1390	2.9%	E5697408	502	502	0.0%				
Pb	E5697359	28.3	31.0	9.1%	E5697390	17.0	16.3	4.2%	E5697408	22.1	21.4	3.2%				
Rb	E5697359	166	169	1.8%	E5697390	29	27	7.1%	E5697408	84	84	0.0%				
S	E5697359	0.035	0.035	0.0%	E5697390	0.173	0.167	3.5%	E5697408	0.0133	0.0149	11.3%				
Sb	E5697359	< 1	< 1	0.0%	E5697390	< 1	< 1	0.0%	E5697408	< 1	< 1	0.0%				
Sc	E5697359	8.61	8.80	2.2%	E5697390	1.3	1.3	0.0%	E5697408	9.7	9.7	0.0%				
Se	E5697359	< 10	< 10	0.0%	E5697390	< 10	< 10	0.0%	E5697408	< 10	< 10	0.0%				
Sn	E5697359	12	11	8.7%	E5697390	< 5	< 5	0.0%	E5697408	10	12	18.2%				
Sr	E5697359	28.9	29.1	0.7%	E5697390	22.5	21.8	3.2%	E5697408	28.0	28.9	3.2%				
Ta	E5697359	< 10	< 10	0.0%	E5697390	< 10	< 10	0.0%	E5697408	< 10	< 10	0.0%				
Te	E5697359	< 10	< 10	0.0%	E5697390	< 10	< 10	0.0%	E5697408	< 10	< 10	0.0%				
Th	E5697359	< 5	< 5	0.0%	E5697390	< 5	< 5	0.0%	E5697408	8	7	13.3%				
Ti	E5697359	0.157	0.150	4.6%	E5697390	0.02	0.02	0.0%	E5697408	0.16	0.16	0.0%				
Tl	E5697359	9	11	20.0%	E5697390	< 5	< 5	0.0%	E5697408	< 5	< 5	0.0%				
U	E5697359	< 5	< 5	0.0%	E5697390	< 5	< 5	0.0%	E5697408	< 5	< 5	0.0%				
V	E5697359	97.1	97.4	0.3%	E5697390	24.6	23.6	4.1%	E5697408	74.9	75.1	0.3%				
W	E5697359	< 1	< 1	0.0%	E5697390	< 1	< 1	0.0%	E5697408	< 1	< 1	0.0%				
Y	E5697359	7	7	0.0%	E5697390	10	10	0.0%	E5697408	11	11	0.0%				
Zn	E5697359	148	149	0.7%	E5697390	28.8	28.1	2.5%	E5697408	72.8	76.3	4.7%				
Zr	E5697359	< 5	< 5	0.0%	E5697390	< 5	< 5	0.0%	E5697408	13	13	0.0%				

### Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5697291	< 0.001	< 0.001	0.0%	E5697303	< 0.001	< 0.001	0.0%	E5697315	0.002	0.002	0.0%	E5697327	0.004	0.004	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E5697340	0.071	0.067	5.8%	E5697352	0.039	0.071									



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	169	92%	90% - 110%	184	167	91%	90% - 110%	184	165	90%	90% - 110%	184	167	91%	90% - 110%
Cu	3494	3297	94%	90% - 110%	3494	3302	95%	90% - 110%	3494	3290	94%	90% - 110%	3494	3309	95%	90% - 110%
Ni	2985	2772	93%	90% - 110%	2985	2747	92%	90% - 110%	2985	2730	91%	90% - 110%	2985	2732	92%	90% - 110%
Parameter	CRM #5 (CFRM-100)				CRM #6 (CFRM-100)				CRM #7 (CFRM-100)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Co	184	167	91%	90% - 110%	184	165	90%	90% - 110%	184	168	91%	90% - 110%				
Cu	3494	3323	95%	90% - 110%	3494	3312	95%	90% - 110%	3494	3216	92%	90% - 110%				
Ni	2985	2730	91%	90% - 110%	2985	2699	90%	90% - 110%	2985	2753	92%	90% - 110%				

### Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	CRM #1 (1P5F)				CRM #2 (CM14)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	1.40	1.41	101%	90% - 110%	0.792	0.794	100%	90% - 110%								

## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U777882

PROJECT NO: SOIL SAMPLING PROJECT

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: SOIL SAMPLING PROJECT

AGAT WORK ORDER: 13U777891

DATE REPORTED: Nov 25, 2013

PAGES (INCLUDING COVER): 21

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013		DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	
E5697216 (4910322)		<0.2	1.39	<1	5	71	<0.5	<1	0.39	<0.5	32	7.7	51.0	14.1	1.63	
E5697217 (4910323)		<0.2	0.53	1	5	21	<0.5	<1	0.25	<0.5	19	4.0	30.5	5.9	0.65	
E5697218 (4910324)		<0.2	0.84	2	5	47	<0.5	<1	0.31	<0.5	23	4.1	37.9	8.8	0.57	
E5697219 (4910325)		<0.2	0.27	<1	5	10	<0.5	<1	0.05	<0.5	12	1.0	7.5	1.7	0.21	
E5697220 (4910326)		<0.2	0.47	<1	5	14	<0.5	<1	0.13	<0.5	20	2.3	16.4	2.3	0.42	
E5697221 (4910327)		0.3	0.73	5	5	49	0.5	<1	1.59	0.6	21	2.3	18.2	153	0.27	
E5697222 (4910328)		<0.2	0.88	1	5	36	<0.5	<1	0.27	<0.5	22	4.2	31.5	5.7	0.70	
E5697223 (4910329)		<0.2	1.01	<1	5	13	<0.5	<1	0.15	<0.5	18	2.9	28.6	1.5	0.83	
E5697224 (4910330)		<0.2	0.21	2	5	56	<0.5	<1	1.32	<0.5	5	0.8	4.1	9.4	0.22	
E5697225 (4910331)		<0.2	0.96	2	5	53	<0.5	<1	0.80	<0.5	37	4.7	36.6	11.9	0.74	
E5697226 (4910332)		<0.2	0.96	<1	5	55	<0.5	<1	0.51	<0.5	34	7.7	46.2	10.6	1.03	
E5697227 (4910333)		<0.2	0.92	1	5	65	<0.5	<1	0.48	<0.5	31	5.9	38.2	14.7	0.93	
E5697228 (4910334)		<0.2	0.85	<1	5	41	<0.5	<1	0.33	<0.5	26	5.6	38.2	6.5	0.89	
E5697229 (4910335)		<0.2	0.57	2	5	17	<0.5	<1	0.12	<0.5	19	2.9	24.8	3.3	0.57	
E5697230 (4910336)		<0.2	0.58	2	5	24	<0.5	<1	0.25	<0.5	18	3.9	27.2	4.4	0.63	
E5697231 (4910337)		<0.2	0.47	<1	5	9	<0.5	<1	0.09	<0.5	13	1.2	15.3	2.0	0.25	
E5697232 (4910338)		<0.2	0.90	<1	5	59	<0.5	<1	0.53	<0.5	18	4.0	31.6	26.5	0.65	
E5697233 (4910339)		<0.2	0.80	<1	5	28	<0.5	<1	0.25	<0.5	22	4.6	30.2	5.5	0.95	
E5697234 (4910340)		<0.2	0.54	<1	5	10	<0.5	<1	0.12	<0.5	13	2.2	20.1	2.2	0.45	
E5697235 (4910341)		<0.2	0.14	3	5	36	<0.5	<1	0.68	<0.5	2	0.7	4.4	6.3	0.16	
E5697236 (4910342)		<0.2	0.15	<1	5	50	<0.5	<1	1.08	<0.5	2	0.6	2.6	9.5	0.19	
E5697237 (4910343)		<0.2	0.32	2	5	56	<0.5	<1	1.66	<0.5	6	2.3	6.4	20.2	0.29	
E5697238 (4910344)		0.2	0.58	2	5	95	<0.5	<1	1.99	0.6	15	2.4	10.9	35.8	0.38	
E5697239 (4910345)		<0.2	0.79	2	5	31	<0.5	<1	0.35	<0.5	29	5.9	33.2	3.5	0.76	
E5697240 (4910346)		<0.2	0.54	<1	5	13	<0.5	<1	0.15	<0.5	15	2.2	19.7	2.4	0.42	
E5697241 (4910347)		<0.2	0.83	1	5	12	<0.5	<1	0.15	<0.5	15	3.0	22.9	2.1	0.79	
E5697242 (4910348)		<0.2	0.42	<1	5	15	<0.5	<1	0.17	<0.5	19	3.7	16.0	2.2	0.39	
E5697243 (4910349)		<0.2	1.76	2	6	93	0.6	<1	0.48	<0.5	47	11.6	68.5	18.9	2.33	
E5697244 (4910350)		<0.2	0.71	<1	5	15	<0.5	<1	0.16	<0.5	17	2.8	26.2	2.6	0.60	
E5697245 (4910351)		<0.2	0.37	<1	5	11	<0.5	<1	0.12	<0.5	19	1.5	13.3	2.0	0.24	
E5697246 (4910352)		<0.2	0.11	1	5	36	<0.5	<1	0.78	<0.5	1	<0.5	1.6	4.8	0.08	
E5697247 (4910353)		<0.2	0.12	<1	5	35	<0.5	<1	0.85	<0.5	2	<0.5	2.1	5.2	0.13	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697248 (4910354)	<0.2	0.21	<1	6	53	<0.5	<1	1.87	<0.5	2	1.0	3.7	20.2	0.22	
E5697249 (4910355)	<0.2	0.37	3	10	46	<0.5	<1	1.70	<0.5	6	1.2	7.4	62.1	0.20	
E5697250 (4910356)	<0.2	1.07	<1	♁	48	<0.5	<1	0.37	<0.5	26	5.5	39.1	5.7	0.87	
E5697251 (4910357)	<0.2	0.38	<1	♁	18	<0.5	<1	0.27	<0.5	17	3.4	20.1	3.7	0.47	
E5697252 (4910358)	<0.2	0.28	<1	♁	13	<0.5	<1	0.24	<0.5	14	2.9	14.7	4.2	0.33	
E5697253 (4910359)	<0.2	0.80	<1	♁	46	<0.5	<1	0.52	<0.5	24	4.7	31.7	42.1	0.58	
E5697254 (4910360)	<0.2	1.46	<1	♁	64	<0.5	<1	0.32	<0.5	27	6.9	46.9	11.5	1.50	
E5697255 (4910361)	<0.2	1.60	2	♁	78	<0.5	<1	0.36	<0.5	36	6.6	55.6	13.7	1.36	
E5697256 (4910362)	<0.2	0.50	3	♁	73	<0.5	<1	1.69	0.9	18	2.2	14.0	10.3	0.41	
E5697257 (4910363)	<0.2	0.30	8	♁	48	<0.5	<1	1.94	<0.5	4	1.0	11.2	69.2	0.21	
E5697258 (4910364)	<0.2	0.40	3	♁	57	<0.5	<1	1.89	<0.5	5	1.6	8.6	85.4	0.19	
E5697259 (4910365)	<0.2	0.31	1	♁	41	<0.5	<1	1.52	0.5	4	1.3	7.3	85.1	0.17	
E5697260 (4910366)	<0.2	0.36	1	♁	49	<0.5	<1	1.75	<0.5	6	1.7	5.9	72.6	0.23	
E5697261 (4910367)	0.4	0.44	4	♁	51	<0.5	<1	1.71	<0.5	10	1.5	7.9	57.8	0.26	
E5697262 (4910368)	0.3	0.45	5	♁	61	<0.5	<1	1.86	0.6	12	2.8	7.7	101	0.31	
E5697263 (4910369)	0.3	0.59	2	♁	67	<0.5	<1	1.75	0.6	20	4.1	13.5	81.4	0.29	
E5697264 (4910370)	<0.2	0.43	2	♁	33	<0.5	<1	0.64	<0.5	12	1.5	16.5	9.9	0.28	
E5697265 (4910371)	<0.2	0.26	6	♁	65	<0.5	<1	1.35	<0.5	7	1.0	4.1	20.5	0.24	
E5697266 (4910372)	<0.2	0.71	<1	♁	28	<0.5	<1	0.18	<0.5	17	1.7	19.8	2.7	0.37	
E5697267 (4910374)	<0.2	0.29	7	5	34	<0.5	<1	2.74	<0.5	7	0.5	10.8	5.6	0.16	
E5697268 (4910375)	<0.2	0.20	4	♁	45	<0.5	<1	0.85	<0.5	4	0.7	3.0	8.5	0.13	
E5697269 (4910376)	<0.2	0.36	3	♁	55	<0.5	<1	1.47	<0.5	7	1.9	6.9	70.1	0.22	
E5697270 (4910377)	<0.2	0.37	5	♁	47	<0.5	<1	1.70	<0.5	7	0.9	7.4	63.4	0.18	
E5697271 (4910378)	0.2	0.52	4	♁	53	<0.5	<1	1.80	<0.5	13	1.6	13.3	86.9	0.25	
E5697272 (4910379)	<0.2	0.44	6	5	58	<0.5	<1	1.97	<0.5	10	1.8	9.0	83.9	0.21	
E5697273 (4910380)	0.2	0.37	4	♁	49	<0.5	<1	1.24	0.8	9	1.7	10.2	106	0.19	
E5697274 (4910381)	<0.2	0.10	2	♁	36	<0.5	<1	0.77	<0.5	2	<0.5	1.2	8.0	0.13	
E5697275 (4910382)	<0.2	0.13	4	♁	42	<0.5	<1	0.84	<0.5	2	0.6	2.0	9.9	0.16	
E5697276 (4910383)	<0.2	0.27	2	♁	54	<0.5	<1	1.34	<0.5	6	1.3	3.8	16.6	0.25	
E5697277 (4910384)	<0.2	0.97	<1	♁	33	<0.5	<1	0.18	<0.5	18	2.4	30.0	2.7	0.49	
E5697278 (4910385)	<0.2	0.50	<1	♁	9	<0.5	<1	0.16	<0.5	19	2.6	20.9	2.3	0.49	
E5697279 (4910386)	<0.2	0.16	1	♁	35	<0.5	<1	0.66	<0.5	3	0.5	3.0	5.2	0.10	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013		DATE REPORTED: Nov 25, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697280 (4910387)	<0.2	0.24	1	<5	42	<0.5	<1	0.86	<0.5	5	1.0	4.0	7.7	0.15
E5697281 (4910388)	<0.2	0.17	<1	<5	37	<0.5	<1	0.76	<0.5	3	0.7	2.7	6.8	0.12
E5697282 (4910389)	<0.2	0.16	4	<5	43	<0.5	1	0.77	<0.5	2	0.7	2.4	8.5	0.16
E5697283 (4910390)	<0.2	0.09	1	<5	22	<0.5	<1	0.48	<0.5	1	<0.5	1.0	3.3	0.05
E5697284 (4910391)	<0.2	0.07	<1	<5	27	<0.5	1	0.37	<0.5	1	<0.5	1.2	4.5	0.07
E5697285 (4910392)	<0.2	0.07	2	<5	20	<0.5	<1	0.33	<0.5	1	<0.5	1.3	4.9	0.09
E5697286 (4910393)	<0.2	0.16	4	<5	38	<0.5	<1	0.87	<0.5	3	0.9	2.0	9.5	0.18
E5697287 (4910394)	<0.2	0.18	3	<5	41	<0.5	1	0.76	<0.5	4	0.7	2.7	7.1	0.18
E5697288 (4910395)	<0.2	0.46	<1	<5	7	<0.5	<1	0.08	<0.5	13	1.3	11.2	0.8	0.21
E5697289 (4910396)	<0.2	1.03	<1	<5	14	<0.5	<1	0.08	<0.5	14	3.3	25.0	1.9	0.92

Certified By: \_\_\_\_\_





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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697216 (4910322)	6	2	2	0.11	16	15	0.54	237	1.0	0.02	26.1	349	9.9	23	
E5697217 (4910323)	<5	2	<1	0.02	9	5	0.26	68	0.6	<0.01	19.5	403	2.8	<10	
E5697218 (4910324)	<5	<1	<1	0.03	12	7	0.26	70	1.1	<0.01	18.3	451	6.1	<10	
E5697219 (4910325)	<5	<1	<1	0.02	6	<1	0.03	19	<0.5	<0.01	1.6	77	3.4	<10	
E5697220 (4910326)	<5	1	<1	0.03	9	4	0.13	57	0.5	<0.01	7.7	172	4.9	<10	
E5697221 (4910327)	<5	<1	<1	0.01	19	<1	0.10	280	7.2	<0.01	10.9	852	7.1	<10	
E5697222 (4910328)	<5	<1	<1	0.04	10	9	0.27	73	0.7	<0.01	18.4	279	5.7	<10	
E5697223 (4910329)	<5	1	2	0.02	8	5	0.18	50	0.6	<0.01	10.8	342	4.1	<10	
E5697224 (4910330)	<5	<1	<1	<0.01	3	<1	0.10	46	3.6	<0.01	3.1	440	5.6	<10	
E5697225 (4910331)	<5	<1	<1	0.05	18	10	0.29	133	1.7	0.01	15.7	647	8.4	11	
E5697226 (4910332)	<5	<1	2	0.08	16	11	0.45	143	1.4	0.02	24.9	557	4.2	17	
E5697227 (4910333)	<5	<1	<1	0.06	15	8	0.33	155	1.9	0.01	19.7	647	5.7	11	
E5697228 (4910334)	<5	3	<1	0.04	12	9	0.30	87	1.1	0.01	20.1	427	8.9	<10	
E5697229 (4910335)	<5	<1	<1	0.02	10	5	0.18	64	<0.5	<0.01	11.8	167	5.1	<10	
E5697230 (4910336)	<5	<1	<1	0.03	8	7	0.25	66	0.8	0.01	16.2	384	4.9	<10	
E5697231 (4910337)	<5	1	<1	0.01	6	2	0.07	23	0.7	<0.01	4.6	140	3.5	<10	
E5697232 (4910338)	<5	<1	<1	0.04	10	7	0.24	92	2.1	<0.01	15.1	396	8.2	<10	
E5697233 (4910339)	<5	<1	<1	0.04	10	8	0.29	110	0.7	0.01	16.8	371	5.8	<10	
E5697234 (4910340)	<5	<1	<1	0.02	6	3	0.13	37	0.6	<0.01	9.1	284	5.0	<10	
E5697235 (4910341)	<5	<1	<1	0.01	1	<1	0.06	40	2.5	<0.01	3.7	347	17.1	<10	
E5697236 (4910342)	<5	<1	<1	0.01	1	<1	0.07	25	3.0	<0.01	2.9	361	12.8	<10	
E5697237 (4910343)	<5	2	<1	<0.01	4	<1	0.10	170	5.1	<0.01	4.7	489	10.3	<10	
E5697238 (4910344)	<5	<1	<1	0.01	12	<1	0.13	174	6.3	<0.01	8.5	880	10.2	<10	
E5697239 (4910345)	<5	<1	<1	0.02	12	6	0.20	77	1.2	<0.01	15.5	730	6.1	<10	
E5697240 (4910346)	<5	<1	<1	0.02	7	4	0.14	43	0.6	<0.01	10.0	316	2.5	<10	
E5697241 (4910347)	<5	<1	<1	0.02	7	5	0.19	54	0.7	<0.01	12.0	309	3.5	<10	
E5697242 (4910348)	<5	<1	<1	0.02	9	4	0.14	48	1.2	<0.01	8.4	239	2.3	<10	
E5697243 (4910349)	8	3	2	0.15	22	18	0.65	361	<0.5	0.02	39.2	468	10.7	28	
E5697244 (4910350)	<5	<1	1	0.02	8	5	0.18	49	0.8	<0.01	12.3	430	4.8	<10	
E5697245 (4910351)	<5	<1	<1	0.01	9	3	0.08	31	<0.5	<0.01	5.8	246	3.8	<10	
E5697246 (4910352)	<5	<1	<1	<0.01	<1	<1	0.05	25	2.2	<0.01	1.7	336	6.2	<10	
E5697247 (4910353)	<5	3	<1	0.02	1	<1	0.06	27	2.7	<0.01	2.0	384	13.6	<10	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013						DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697248 (4910354)	<5	<1	<1	<0.01	2	<1	0.11	78	4.1	<0.01	2.8	425	7.5	<10	
E5697249 (4910355)	<5	<1	<1	<0.01	5	<1	0.09	90	8.2	<0.01	6.0	804	7.0	<10	
E5697250 (4910356)	<5	1	<1	0.06	12	11	0.34	102	1.1	0.01	18.3	269	7.3	14	
E5697251 (4910357)	<5	<1	<1	0.02	8	4	0.19	61	1.1	<0.01	12.8	365	2.6	<10	
E5697252 (4910358)	<5	<1	<1	0.01	7	3	0.16	54	0.7	<0.01	9.5	437	2.9	<10	
E5697253 (4910359)	<5	<1	<1	0.03	13	6	0.24	124	3.4	<0.01	15.0	657	5.2	<10	
E5697254 (4910360)	6	<1	2	0.11	13	15	0.48	173	0.9	0.01	23.5	274	7.5	22	
E5697255 (4910361)	7	1	1	0.12	17	16	0.51	175	<0.5	0.01	25.7	417	7.6	25	
E5697256 (4910362)	<5	1	<1	0.02	9	<1	0.13	180	2.5	<0.01	6.8	807	10.3	<10	
E5697257 (4910363)	<5	<1	<1	<0.01	3	<1	0.10	55	11.5	<0.01	5.6	705	10.3	<10	
E5697258 (4910364)	<5	2	<1	<0.01	6	<1	0.10	101	10.0	<0.01	7.1	688	6.3	<10	
E5697259 (4910365)	<5	2	<1	<0.01	4	<1	0.08	89	10.6	<0.01	5.6	684	6.3	<10	
E5697260 (4910366)	<5	<1	<1	<0.01	6	<1	0.09	76	9.7	<0.01	6.9	623	7.1	<10	
E5697261 (4910367)	<5	<1	<1	0.01	9	<1	0.09	86	8.0	<0.01	6.5	700	8.5	<10	
E5697262 (4910368)	<5	2	<1	0.01	9	<1	0.10	253	15.3	<0.01	9.1	819	13.0	<10	
E5697263 (4910369)	<5	2	<1	<0.01	13	<1	0.09	218	9.1	<0.01	7.5	834	7.7	<10	
E5697264 (4910370)	<5	<1	<1	0.02	6	2	0.10	55	2.7	<0.01	5.4	308	6.4	<10	
E5697265 (4910371)	<5	<1	<1	<0.01	5	<1	0.10	79	3.5	<0.01	3.7	485	8.9	<10	
E5697266 (4910372)	<5	<1	<1	0.05	8	5	0.10	54	<0.5	<0.01	6.3	184	5.9	<10	
E5697267 (4910374)	<5	1	<1	<0.01	4	<1	0.16	217	3.0	<0.01	5.6	396	5.7	<10	
E5697268 (4910375)	<5	1	<1	<0.01	2	<1	0.04	44	2.9	<0.01	2.6	379	5.6	<10	
E5697269 (4910376)	<5	<1	<1	<0.01	6	<1	0.07	107	7.8	<0.01	7.0	505	6.0	<10	
E5697270 (4910377)	<5	<1	<1	<0.01	6	<1	0.09	85	8.8	<0.01	4.8	823	8.2	<10	
E5697271 (4910378)	<5	1	<1	<0.01	12	<1	0.09	114	7.2	<0.01	6.5	874	10.5	<10	
E5697272 (4910379)	<5	<1	<1	<0.01	9	<1	0.09	298	10.1	<0.01	6.8	899	8.8	<10	
E5697273 (4910380)	<5	<1	<1	0.01	7	<1	0.08	70	16.3	<0.01	7.4	1010	12.8	<10	
E5697274 (4910381)	<5	<1	<1	0.01	1	<1	0.05	45	2.8	<0.01	2.7	385	13.2	<10	
E5697275 (4910382)	<5	2	<1	<0.01	1	<1	0.06	41	2.4	<0.01	2.6	348	8.3	<10	
E5697276 (4910383)	<5	<1	<1	<0.01	4	<1	0.08	72	3.7	<0.01	4.8	550	8.2	<10	
E5697277 (4910384)	<5	<1	<1	0.04	8	7	0.17	48	0.7	<0.01	9.7	353	5.3	<10	
E5697278 (4910385)	<5	<1	<1	0.01	9	3	0.16	53	0.8	<0.01	11.5	360	3.5	<10	
E5697279 (4910386)	<5	<1	<1	<0.01	1	<1	0.04	17	1.9	<0.01	2.6	397	6.4	<10	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013						DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697280 (4910387)	<5	2	<1	<0.01	3	<1	0.05	28	1.9	<0.01	3.3	321	7.7	<10	
E5697281 (4910388)	<5	1	<1	<0.01	1	<1	0.04	24	2.4	<0.01	2.7	376	5.5	<10	
E5697282 (4910389)	<5	1	<1	0.01	1	<1	0.05	47	2.4	<0.01	3.3	435	11.9	<10	
E5697283 (4910390)	<5	<1	<1	<0.01	<1	<1	0.03	10	2.0	<0.01	1.3	296	5.3	<10	
E5697284 (4910391)	<5	2	<1	0.01	<1	<1	0.04	23	2.1	<0.01	2.2	381	12.8	<10	
E5697285 (4910392)	<5	<1	<1	0.02	<1	<1	0.03	15	2.1	<0.01	2.5	406	17.7	<10	
E5697286 (4910393)	<5	3	<1	0.01	2	<1	0.05	32	2.8	<0.01	2.8	396	9.0	<10	
E5697287 (4910394)	<5	4	<1	<0.01	2	<1	0.04	49	3.6	<0.01	2.9	644	9.5	<10	
E5697288 (4910395)	<5	<1	<1	0.01	6	2	0.07	24	0.7	<0.01	4.3	142	4.3	<10	
E5697289 (4910396)	<5	<1	2	0.02	6	5	0.15	50	0.7	<0.01	10.8	209	6.4	<10	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697216 (4910322)	<0.005	<1	4.7	<10	8	20.4	<10	<10	<5	0.11	<5	<5	39.5	<1	
E5697217 (4910323)	<0.005	<1	1.7	<10	<5	10.1	<10	<10	<5	0.06	<5	<5	19.9	<1	
E5697218 (4910324)	0.039	<1	2.0	<10	<5	14.9	<10	<10	<5	0.05	<5	<5	17.6	<1	
E5697219 (4910325)	0.007	<1	0.6	<10	<5	5.6	<10	<10	<5	0.06	<5	<5	12.3	<1	
E5697220 (4910326)	<0.005	<1	1.0	<10	<5	8.7	<10	<10	<5	0.06	<5	<5	14.5	<1	
E5697221 (4910327)	0.825	2	2.7	<10	9	39.6	<10	<10	<5	0.01	<5	<5	11.3	<1	
E5697222 (4910328)	0.013	<1	2.4	<10	5	14.0	<10	<10	<5	0.07	<5	<5	22.3	<1	
E5697223 (4910329)	0.009	<1	1.5	<10	<5	8.0	<10	<10	<5	0.06	<5	<5	23.6	<1	
E5697224 (4910330)	0.318	<1	0.8	<10	6	44.9	<10	<10	<5	<0.01	7	<5	5.5	<1	
E5697225 (4910331)	0.082	2	3.4	<10	8	29.5	<10	<10	<5	0.07	<5	5	26.3	<1	
E5697226 (4910332)	0.035	<1	3.7	<10	8	19.7	<10	<10	<5	0.08	5	<5	30.7	<1	
E5697227 (4910333)	0.040	2	2.9	<10	7	18.7	<10	<10	<5	0.06	<5	<5	26.6	<1	
E5697228 (4910334)	0.013	<1	2.5	<10	6	14.5	<10	<10	<5	0.07	<5	<5	24.9	<1	
E5697229 (4910335)	<0.005	<1	1.7	<10	<5	8.8	<10	<10	<5	0.05	8	<5	18.5	<1	
E5697230 (4910336)	<0.005	<1	1.7	<10	<5	10.3	<10	<10	<5	0.06	6	<5	18.4	<1	
E5697231 (4910337)	0.007	<1	0.7	<10	<5	6.5	<10	<10	<5	0.04	<5	<5	10.5	<1	
E5697232 (4910338)	0.184	<1	2.4	<10	<5	20.0	<10	<10	<5	0.05	5	<5	17.8	<1	
E5697233 (4910339)	<0.005	<1	2.3	<10	6	12.6	<10	<10	<5	0.07	<5	<5	26.0	<1	
E5697234 (4910340)	<0.005	<1	1.1	<10	<5	6.4	<10	<10	<5	0.05	<5	<5	15.1	<1	
E5697235 (4910341)	0.203	<1	<0.5	<10	<5	21.3	<10	<10	<5	<0.01	<5	<5	4.0	<1	
E5697236 (4910342)	0.231	<1	<0.5	<10	5	31.0	<10	<10	<5	<0.01	<5	<5	3.8	<1	
E5697237 (4910343)	0.532	<1	0.6	<10	8	42.3	<10	<10	<5	<0.01	<5	<5	13.0	<1	
E5697238 (4910344)	0.597	<1	1.5	<10	10	50.9	<10	<10	<5	<0.01	6	<5	12.8	<1	
E5697239 (4910345)	0.026	<1	1.6	<10	<5	15.1	<10	<10	<5	0.03	<5	<5	25.6	<1	
E5697240 (4910346)	0.008	<1	1.1	<10	<5	7.3	<10	<10	<5	0.05	<5	<5	16.7	<1	
E5697241 (4910347)	0.005	<1	1.3	<10	<5	6.7	<10	<10	<5	0.05	<5	<5	19.2	<1	
E5697242 (4910348)	0.018	<1	1.1	<10	<5	8.0	<10	<10	<5	0.05	<5	<5	14.6	1	
E5697243 (4910349)	0.009	1	7.2	<10	8	24.2	<10	<10	5	0.12	<5	<5	48.4	1	
E5697244 (4910350)	0.009	<1	1.2	<10	<5	7.4	<10	<10	<5	0.05	<5	<5	20.5	<1	
E5697245 (4910351)	0.006	<1	0.7	<10	<5	6.5	<10	<10	<5	0.03	<5	<5	9.4	<1	
E5697246 (4910352)	0.203	<1	<0.5	<10	<5	24.2	<10	<10	<5	<0.01	<5	<5	2.5	<1	
E5697247 (4910353)	0.180	<1	<0.5	<10	<5	25.5	<10	<10	<5	<0.01	<5	<5	3.4	<1	

Certified By: \_\_\_\_\_



## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697248 (4910354)	0.453	1	<0.5	<10	9	46.7	<10	<10	<5	<0.01	5	<5	5.5	<1	
E5697249 (4910355)	0.684	<1	0.8	<10	9	41.4	<10	<10	<5	<0.01	<5	<5	10.2	<1	
E5697250 (4910356)	0.022	2	3.3	<10	6	17.6	<10	<10	<5	0.09	<5	<5	30.9	1	
E5697251 (4910357)	0.017	<1	1.2	<10	<5	9.1	<10	<10	<5	0.04	<5	<5	15.2	<1	
E5697252 (4910358)	0.013	<1	1.0	<10	<5	8.9	<10	<10	<5	0.04	6	<5	11.0	<1	
E5697253 (4910359)	0.170	<1	2.3	<10	<5	17.1	<10	<10	<5	0.04	<5	<5	21.1	<1	
E5697254 (4910360)	0.008	<1	4.0	<10	7	17.4	<10	<10	<5	0.10	<5	<5	34.8	<1	
E5697255 (4910361)	0.018	1	4.8	<10	7	18.5	<10	<10	<5	0.10	<5	<5	41.3	<1	
E5697256 (4910362)	0.243	<1	1.7	<10	10	38.8	<10	<10	<5	0.01	<5	<5	12.0	<1	
E5697257 (4910363)	0.710	1	1.5	<10	8	48.1	<10	<10	<5	<0.01	<5	<5	8.8	<1	
E5697258 (4910364)	0.801	<1	1.4	<10	10	45.4	<10	<10	<5	<0.01	<5	<5	8.4	<1	
E5697259 (4910365)	0.736	1	1.0	<10	6	37.6	<10	<10	<5	<0.01	<5	<5	9.0	<1	
E5697260 (4910366)	0.771	<1	0.9	<10	8	41.5	<10	<10	<5	<0.01	<5	<5	10.1	<1	
E5697261 (4910367)	0.622	1	1.1	<10	8	43.2	<10	<10	<5	<0.01	5	<5	10.5	<1	
E5697262 (4910368)	0.819	2	1.6	<10	10	47.1	<10	<10	<5	<0.01	6	<5	17.4	<1	
E5697263 (4910369)	0.696	<1	2.0	<10	10	45.7	<10	<10	<5	<0.01	<5	<5	13.8	<1	
E5697264 (4910370)	0.158	<1	1.5	<10	5	21.7	<10	<10	<5	0.04	<5	<5	12.5	<1	
E5697265 (4910371)	0.377	2	0.9	<10	6	38.4	<10	<10	<5	<0.01	<5	<5	7.1	<1	
E5697266 (4910372)	0.013	<1	1.1	<10	<5	9.6	<10	<10	<5	0.03	6	<5	14.1	<1	
E5697267 (4910374)	0.332	2	0.9	<10	13	34.3	<10	<10	<5	<0.01	<5	<5	14.5	<1	
E5697268 (4910375)	0.253	<1	<0.5	<10	<5	22.6	<10	<10	<5	<0.01	<5	<5	4.3	<1	
E5697269 (4910376)	0.731	<1	1.2	<10	7	37.2	<10	<10	<5	<0.01	<5	<5	8.5	<1	
E5697270 (4910377)	0.722	2	0.9	<10	8	41.8	<10	<10	<5	<0.01	<5	<5	9.7	<1	
E5697271 (4910378)	0.703	<1	1.8	<10	8	44.0	<10	<10	<5	<0.01	<5	<5	12.2	<1	
E5697272 (4910379)	0.818	2	1.4	<10	11	50.3	<10	<10	<5	<0.01	<5	<5	11.5	<1	
E5697273 (4910380)	0.732	<1	1.5	<10	7	37.6	<10	<10	<5	<0.01	<5	<5	12.1	<1	
E5697274 (4910381)	0.219	<1	<0.5	<10	<5	22.0	<10	<10	<5	<0.01	<5	<5	3.3	<1	
E5697275 (4910382)	0.211	<1	<0.5	<10	<5	24.1	<10	<10	<5	<0.01	<5	<5	3.8	<1	
E5697276 (4910383)	0.294	2	0.6	<10	7	36.7	<10	<10	<5	<0.01	<5	<5	7.1	<1	
E5697277 (4910384)	0.017	<1	1.7	<10	<5	10.0	<10	<10	<5	0.05	<5	<5	17.6	<1	
E5697278 (4910385)	<0.005	<1	1.0	<10	<5	6.2	<10	<10	<5	0.05	<5	<5	15.4	<1	
E5697279 (4910386)	0.161	<1	<0.5	<10	<5	16.7	<10	<10	<5	<0.01	<5	<5	4.3	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013					DATE REPORTED: Nov 25, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697280 (4910387)	0.178	<1	<0.5	<10	<5	23.9	<10	<10	<5	<0.01	<5	<5	6.3	<1	
E5697281 (4910388)	0.206	<1	<0.5	<10	<5	20.6	<10	<10	<5	<0.01	<5	<5	5.4	<1	
E5697282 (4910389)	0.285	1	<0.5	<10	<5	23.9	<10	<10	<5	<0.01	<5	<5	4.2	<1	
E5697283 (4910390)	0.140	1	<0.5	<10	<5	11.8	<10	<10	<5	<0.01	<5	<5	1.9	<1	
E5697284 (4910391)	0.217	<1	<0.5	<10	<5	11.5	<10	<10	<5	<0.01	<5	<5	2.3	<1	
E5697285 (4910392)	0.165	1	<0.5	<10	<5	10.8	<10	<10	<5	<0.01	<5	<5	2.2	<1	
E5697286 (4910393)	0.228	<1	<0.5	<10	<5	23.2	<10	<10	<5	<0.01	<5	<5	4.7	<1	
E5697287 (4910394)	0.234	<1	<0.5	<10	<5	22.9	<10	<10	<5	<0.01	<5	<5	6.0	<1	
E5697288 (4910395)	<0.005	<1	0.6	<10	<5	4.8	<10	<10	<5	0.04	<5	<5	13.8	<1	
E5697289 (4910396)	0.008	<1	1.6	<10	<5	5.5	<10	<10	<5	0.07	<5	<5	27.1	<1	

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## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 25, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697216 (4910322)	7	28.4	<5	
E5697217 (4910323)	4	10.4	<5	
E5697218 (4910324)	7	15.7	<5	
E5697219 (4910325)	1	2.0	<5	
E5697220 (4910326)	3	6.9	<5	
E5697221 (4910327)	18	18.4	<5	
E5697222 (4910328)	4	14.2	<5	
E5697223 (4910329)	3	7.4	<5	
E5697224 (4910330)	2	12.1	<5	
E5697225 (4910331)	9	27.2	<5	
E5697226 (4910332)	8	27.7	<5	
E5697227 (4910333)	8	21.2	<5	
E5697228 (4910334)	5	27.0	<5	
E5697229 (4910335)	5	7.6	<5	
E5697230 (4910336)	4	11.6	<5	
E5697231 (4910337)	2	2.9	<5	
E5697232 (4910338)	6	40.1	<5	
E5697233 (4910339)	4	13.9	<5	
E5697234 (4910340)	2	7.4	<5	
E5697235 (4910341)	<1	20.7	<5	
E5697236 (4910342)	1	27.3	<5	
E5697237 (4910343)	4	20.2	<5	
E5697238 (4910344)	13	22.3	<5	
E5697239 (4910345)	6	14.5	<5	
E5697240 (4910346)	3	7.4	<5	
E5697241 (4910347)	3	8.2	<5	
E5697242 (4910348)	4	8.3	<5	
E5697243 (4910349)	9	33.9	11	
E5697244 (4910350)	3	9.6	<5	
E5697245 (4910351)	3	4.1	<5	
E5697246 (4910352)	<1	11.3	<5	
E5697247 (4910353)	<1	28.8	<5	

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## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 25, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697248 (4910354)	2	10.5	<5	
E5697249 (4910355)	7	19.7	<5	
E5697250 (4910356)	5	22.3	<5	
E5697251 (4910357)	4	9.9	<5	
E5697252 (4910358)	3	10.8	<5	
E5697253 (4910359)	9	41.6	<5	
E5697254 (4910360)	5	25.1	<5	
E5697255 (4910361)	7	34.8	<5	
E5697256 (4910362)	5	21.9	<5	
E5697257 (4910363)	5	35.5	<5	
E5697258 (4910364)	8	24.1	<5	
E5697259 (4910365)	6	14.2	<5	
E5697260 (4910366)	7	15.1	<5	
E5697261 (4910367)	9	15.3	<5	
E5697262 (4910368)	9	33.2	<5	
E5697263 (4910369)	13	35.0	<5	
E5697264 (4910370)	3	11.8	<5	
E5697265 (4910371)	3	17.7	<5	
E5697266 (4910372)	2	6.8	<5	
E5697267 (4910374)	3	21.1	<5	
E5697268 (4910375)	2	14.4	<5	
E5697269 (4910376)	7	34.5	<5	
E5697270 (4910377)	7	13.4	<5	
E5697271 (4910378)	12	13.7	<5	
E5697272 (4910379)	9	22.2	<5	
E5697273 (4910380)	7	37.5	<5	
E5697274 (4910381)	<1	25.2	<5	
E5697275 (4910382)	1	19.4	<5	
E5697276 (4910383)	3	11.5	<5	
E5697277 (4910384)	3	14.5	<5	
E5697278 (4910385)	4	6.2	<5	
E5697279 (4910386)	<1	8.5	<5	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 01, 2013	DATE RECEIVED: Nov 01, 2013	DATE REPORTED: Nov 25, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697280 (4910387)	2	8.8	<5	
E5697281 (4910388)	1	4.0	<5	
E5697282 (4910389)	1	25.1	<5	
E5697283 (4910390)	<1	6.7	<5	
E5697284 (4910391)	<1	15.9	<5	
E5697285 (4910392)	<1	26.1	<5	
E5697286 (4910393)	1	8.4	<5	
E5697287 (4910394)	1	19.0	<5	
E5697288 (4910395)	2	3.0	<5	
E5697289 (4910396)	2	8.4	<5	

Comments: RDL - Reported Detection Limit

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 25, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697216 (4910322)		0.55	0.009
E5697217 (4910323)		0.40	0.004
E5697218 (4910324)		0.48	0.002
E5697219 (4910325)		0.42	0.005
E5697220 (4910326)		0.63	0.004
E5697221 (4910327)		0.29	0.007
E5697222 (4910328)		0.41	0.003
E5697223 (4910329)		0.65	0.002
E5697224 (4910330)		0.27	0.002
E5697225 (4910331)		0.47	0.003
E5697226 (4910332)		0.52	0.002
E5697227 (4910333)		0.55	0.003
E5697228 (4910334)		0.73	0.005
E5697229 (4910335)		0.38	0.002
E5697230 (4910336)		0.59	0.004
E5697231 (4910337)		0.47	0.004
E5697232 (4910338)		0.39	0.014
E5697233 (4910339)		0.55	0.008
E5697234 (4910340)		0.39	0.002
E5697235 (4910341)		0.27	0.006
E5697236 (4910342)		0.30	0.005
E5697237 (4910343)		0.37	0.003
E5697238 (4910344)		0.43	0.003
E5697239 (4910345)		0.56	<0.001
E5697240 (4910346)		0.64	0.001
E5697241 (4910347)		0.67	<0.001
E5697242 (4910348)		0.61	0.001
E5697243 (4910349)		0.86	0.002
E5697244 (4910350)		0.60	<0.001
E5697245 (4910351)		0.62	0.001
E5697246 (4910352)		0.31	0.001

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DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 25, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697247 (4910353)		0.32	0.001
E5697248 (4910354)		0.38	0.001
E5697249 (4910355)		0.40	0.002
E5697250 (4910356)		0.51	0.002
E5697251 (4910357)		0.48	0.013
E5697252 (4910358)		0.52	0.001
E5697253 (4910359)		0.49	0.002
E5697254 (4910360)		0.71	0.002
E5697255 (4910361)		0.58	0.003
E5697256 (4910362)		0.41	0.005
E5697257 (4910363)		0.25	0.002
E5697258 (4910364)		0.30	0.003
E5697259 (4910365)		0.21	0.011
E5697260 (4910366)		0.25	0.004
E5697261 (4910367)		0.31	0.005
E5697262 (4910368)		0.29	0.004
E5697263 (4910369)		0.27	0.004
E5697264 (4910370)		0.26	0.003
E5697265 (4910371)		0.32	0.003
E5697266 (4910372)		0.42	0.003
E5697267 (4910374)		0.31	0.002
E5697268 (4910375)		0.25	0.002
E5697269 (4910376)		0.26	0.003
E5697270 (4910377)		0.27	0.002
E5697271 (4910378)		0.24	0.003
E5697272 (4910379)		0.27	0.002
E5697273 (4910380)		0.38	0.005
E5697274 (4910381)		0.53	0.002
E5697275 (4910382)		0.40	0.007
E5697276 (4910383)		0.49	0.006
E5697277 (4910384)		0.42	0.004

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U777891  
PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 01, 2013

DATE RECEIVED: Nov 01, 2013

DATE REPORTED: Nov 25, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5697278 (4910385)		0.55	0.003
E5697279 (4910386)		0.30	0.002
E5697280 (4910387)		0.33	0.003
E5697281 (4910388)		0.36	0.002
E5697282 (4910389)		0.45	0.005
E5697283 (4910390)		0.36	0.005
E5697284 (4910391)		0.36	0.004
E5697285 (4910392)		0.40	0.008
E5697286 (4910393)		0.39	0.002
E5697287 (4910394)		0.32	0.001
E5697288 (4910395)		0.61	0.004
E5697289 (4910396)		0.67	0.001

Comments: RDL - Reported Detection Limit

Certified By: \_\_\_\_\_



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	E5697216	< 0.2	< 0.2	0.0%	E5697239	< 0.2	< 0.2	0.0%	E5697254	< 0.2	< 0.2	0.0%	E5697266	< 0.2	< 0.2	0.0%
Al	E5697216	1.39	1.48	6.3%	E5697239	0.787	0.780	0.9%	E5697254	1.46	1.48	1.4%	E5697266	0.71	0.68	4.3%
As	E5697216	< 1	< 1	0.0%	E5697239	2	2	0.0%	E5697254	< 1	< 1	0.0%	E5697266	< 1	< 1	0.0%
B	E5697216	< 5	< 5	0.0%	E5697239	< 5	< 5	0.0%	E5697254	< 5	< 5	0.0%	E5697266	< 5	< 5	0.0%
Ba	E5697216	71	74	4.1%	E5697239	31	29	6.7%	E5697254	64	64	0.0%	E5697266	28	27	3.6%
Be	E5697216	< 0.5	< 0.5	0.0%	E5697239	< 0.5	< 0.5	0.0%	E5697254	< 0.5	< 0.5	0.0%	E5697266	< 0.5	< 0.5	0.0%
Bi	E5697216	< 1	< 1	0.0%	E5697239	< 1	< 1	0.0%	E5697254	< 1	< 1	0.0%	E5697266	< 1	< 1	0.0%
Ca	E5697216	0.39	0.41	5.0%	E5697239	0.35	0.35	0.0%	E5697254	0.324	0.329	1.5%	E5697266	0.179	0.172	4.0%
Cd	E5697216	< 0.5	< 0.5	0.0%	E5697239	< 0.5	< 0.5	0.0%	E5697254	< 0.5	< 0.5	0.0%	E5697266	< 0.5	< 0.5	0.0%
Ce	E5697216	32	33	3.1%	E5697239	29	29	0.0%	E5697254	27	28	3.6%	E5697266	17	17	0.0%
Co	E5697216	7.73	7.44	3.8%	E5697239	5.87	5.80	1.2%	E5697254	6.95	7.24	4.1%	E5697266	1.71	1.63	4.8%
Cr	E5697216	51.0	51.1	0.2%	E5697239	33.2	33.6	1.2%	E5697254	46.9	49.4	5.2%	E5697266	19.8	19.4	2.0%
Cu	E5697216	14.1	14.4	2.1%	E5697239	3.46	3.34	3.5%	E5697254	11.5	11.3	1.8%	E5697266	2.7	2.7	0.0%
Fe	E5697216	1.63	1.74	6.5%	E5697239	0.760	0.752	1.1%	E5697254	1.50	1.51	0.7%	E5697266	0.368	0.352	4.4%
Ga	E5697216	6	6	0.0%	E5697239	< 5	< 5	0.0%	E5697254	6	7	15.4%	E5697266	< 5	< 5	0.0%
Hg	E5697216	2	< 1		E5697239	< 1	< 1	0.0%	E5697254	< 1	< 1	0.0%	E5697266	< 1	< 1	0.0%
In	E5697216	2	< 1		E5697239	< 1	< 1	0.0%	E5697254	2	2	0.0%	E5697266	< 1	< 1	0.0%
K	E5697216	0.112	0.120	6.9%	E5697239	0.02	0.02	0.0%	E5697254	0.11	0.11	0.0%	E5697266	0.047	0.042	11.2%
La	E5697216	16	17	6.1%	E5697239	12	12	0.0%	E5697254	13	14	7.4%	E5697266	8	8	0.0%
Li	E5697216	15	16	6.5%	E5697239	6	6	0.0%	E5697254	15	15	0.0%	E5697266	5	5	0.0%
Mg	E5697216	0.544	0.579	6.2%	E5697239	0.198	0.190	4.1%	E5697254	0.48	0.48	0.0%	E5697266	0.10	0.10	0.0%
Mn	E5697216	237	254	6.9%	E5697239	77	74	4.0%	E5697254	173	173	0.0%	E5697266	54	51	5.7%
Mo	E5697216	1.0	0.8	22.2%	E5697239	1.2	1.6	28.6%	E5697254	0.92	0.99	7.3%	E5697266	< 0.5	< 0.5	0.0%
Na	E5697216	0.02	0.02	0.0%	E5697239	< 0.01	< 0.01	0.0%	E5697254	0.01	0.01	0.0%	E5697266	< 0.01	< 0.01	0.0%
Ni	E5697216	26.1	26.4	1.1%	E5697239	15.5	15.1	2.6%	E5697254	23.5	24.5	4.2%	E5697266	6.3	6.3	0.0%
P	E5697216	349	352	0.9%	E5697239	730	730	0.0%	E5697254	274	306	11.0%	E5697266	184	183	0.5%
Pb	E5697216	9.9	10.8	8.7%	E5697239	6.09	4.94	20.9%	E5697254	7.50	7.77	3.5%	E5697266	5.9	5.7	3.4%
Rb	E5697216	23	23	0.0%	E5697239	< 10	< 10	0.0%	E5697254	22	24	8.7%	E5697266	< 10	< 10	0.0%
S	E5697216	0.005	0.005	0.0%	E5697239	0.0264	0.0254	3.9%	E5697254	0.008	0.008	0.0%	E5697266	0.013	0.013	0.0%
Sb	E5697216	< 1	< 1	0.0%	E5697239	< 1	< 1	0.0%	E5697254	< 1	< 1	0.0%	E5697266	< 1	< 1	0.0%
Sc	E5697216	4.7	4.7	0.0%	E5697239	1.58	1.53	3.2%	E5697254	4.02	4.30	6.7%	E5697266	1.06	1.01	4.8%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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Se	E5697216	< 10	< 10	0.0%	E5697239	< 10	< 10	0.0%	E5697254	< 10	< 10	0.0%	E5697266	< 10	< 10	0.0%
Sn	E5697216	8	9	11.8%	E5697239	< 5	< 5	0.0%	E5697254	7	7	0.0%	E5697266	< 5	< 5	0.0%
Sr	E5697216	20.4	20.8	1.9%	E5697239	15.1	13.9	8.3%	E5697254	17.4	18.1	3.9%	E5697266	9.6	8.5	12.2%
Ta	E5697216	< 10	< 10	0.0%	E5697239	< 10	< 10	0.0%	E5697254	< 10	< 10	0.0%	E5697266	< 10	< 10	0.0%
Te	E5697216	< 10	< 10	0.0%	E5697239	< 10	< 10	0.0%	E5697254	< 10	< 10	0.0%	E5697266	< 10	< 10	0.0%
Th	E5697216	< 5	< 5	0.0%	E5697239	< 5	< 5	0.0%	E5697254	< 5	< 5	0.0%	E5697266	< 5	< 5	0.0%
Ti	E5697216	0.106	0.115	8.1%	E5697239	0.03	0.03	0.0%	E5697254	0.10	0.10	0.0%	E5697266	0.03	0.03	0.0%
Tl	E5697216	< 5	< 5	0.0%	E5697239	< 5	< 5	0.0%	E5697254	< 5	< 5	0.0%	E5697266	6	< 5	
U	E5697216	< 5	< 5	0.0%	E5697239	< 5	< 5	0.0%	E5697254	< 5	< 5	0.0%	E5697266	< 5	< 5	0.0%
V	E5697216	39.5	39.6	0.3%	E5697239	25.6	25.6	0.0%	E5697254	34.8	36.7	5.3%	E5697266	14.1	13.5	4.3%
W	E5697216	< 1	< 1	0.0%	E5697239	< 1	< 1	0.0%	E5697254	< 1	< 1	0.0%	E5697266	< 1	< 1	0.0%
Y	E5697216	7	7	0.0%	E5697239	6	6	0.0%	E5697254	5	5	0.0%	E5697266	2	2	0.0%
Zn	E5697216	28.4	29.4	3.5%	E5697239	14.5	13.6	6.4%	E5697254	25.1	24.4	2.8%	E5697266	6.81	6.75	0.9%
Zr	E5697216	< 5	< 5	0.0%	E5697239	< 5	< 5	0.0%	E5697254	< 5	< 5	0.0%	E5697266	< 5	< 5	0.0%

REPLICATE #5																
Parameter	Sample ID	Original	Replicate	RPD												
Ag	E5697285	< 0.2	< 0.2	0.0%												
Al	E5697285	0.073	0.078	6.6%												
As	E5697285	2	< 1													
B	E5697285	< 5	< 5	0.0%												
Ba	E5697285	20	23	14.0%												
Be	E5697285	< 0.5	< 0.5	0.0%												
Bi	E5697285	< 1	< 1	0.0%												
Ca	E5697285	0.332	0.350	5.3%												
Cd	E5697285	< 0.5	< 0.5	0.0%												
Ce	E5697285	1	1	0.0%												
Co	E5697285	< 0.5	0.6													
Cr	E5697285	1.35	1.52	11.8%												
Cu	E5697285	4.91	5.31	7.8%												
Fe	E5697285	0.09	0.09	0.0%												
Ga	E5697285	< 5	< 5	0.0%												
Hg	E5697285	< 1	< 1	0.0%												
In	E5697285	< 1	< 1	0.0%												
K	E5697285	0.02	0.02	0.0%												



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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La	E5697285	< 1	< 1	0.0%												
Li	E5697285	< 1	< 1	0.0%												
Mg	E5697285	0.034	0.035	2.9%												
Mn	E5697285	15	16	6.5%												
Mo	E5697285	2.1	2.0	4.9%												
Na	E5697285	< 0.01	< 0.01	0.0%												
Ni	E5697285	2.5	2.8	11.3%												
P	E5697285	406	429	5.5%												
Pb	E5697285	17.7	16.4	7.6%												
Rb	E5697285	< 10	< 10	0.0%												
S	E5697285	0.165	0.172	4.2%												
Sb	E5697285	1	< 1													
Sc	E5697285	< 0.5	< 0.5	0.0%												
Se	E5697285	< 10	< 10	0.0%												
Sn	E5697285	< 5	< 5	0.0%												
Sr	E5697285	10.8	11.4	5.4%												
Ta	E5697285	< 10	< 10	0.0%												
Te	E5697285	< 10	< 10	0.0%												
Th	E5697285	< 5	< 5	0.0%												
Ti	E5697285	< 0.01	< 0.01	0.0%												
Tl	E5697285	< 5	< 5	0.0%												
U	E5697285	< 5	< 5	0.0%												
V	E5697285	2.24	2.38	6.1%												
W	E5697285	< 1	< 1	0.0%												
Y	E5697285	< 1	< 1	0.0%												
Zn	E5697285	26.1	26.8	2.6%												
Zr	E5697285	< 5	< 5	0.0%												

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5697288	0.004	0.013		E5697228	0.005	0.008		E5697241	< 0.001	0.001		E5697253	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E5697266	0.003	0.016		E5697278	0.003	0.004	28.6%								



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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**Aqua Regia Digest - Metals Package, ICP-OES finish (201073)**

	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	165	90%	90% - 110%	184	168	91%	90% - 110%	184	168	92%	90% - 110%	184	169	91%	90% - 110%
Cu	3494	3359	96%	90% - 110%	3494	3252	93%	90% - 110%	3494	3159	90%	90% - 110%	3494	3321	95%	90% - 110%
Ni	2985	2696	90%	90% - 110%	2985	2692	90%	90% - 110%	2985	2695	90%	90% - 110%	2985	2733	91%	90% - 110%
	CRM #5 (CFRM-100)															
Parameter	Expect	Actual	Recovery	Limits												
Co	184	169	91%	90% - 110%												
Cu	3494	3215	92%	90% - 110%												
Ni	2985	2734	91%	90% - 110%												

**Fire Assay - Trace Au, ICP-OES finish (202052)**

	CRM #1 (CM14)				CRM #2 (CM14)				CRM #3 (1P5F)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.792	0.854	108%	90% - 110%	0.792	0.791	100%	90% - 110%	1.40	1.43	102%	90% - 110%				





## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U777891

PROJECT NO: SOIL SAMPLING PROJECT

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: SOIL SAMPLING PROJECT

AGAT WORK ORDER: 13U788474

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Dec 12, 2013

PAGES (INCLUDING COVER): 37

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 12, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697542 (5007716)	0.4	0.58	<1	<5	798	<0.5	<1	2.01	0.7	11	9.4	50.4	34.7	0.89
E5697543 (5007717)	0.2	1.01	7	<5	372	0.5	<1	0.79	<0.5	19	4.4	64.5	32.8	0.74
E5697544 (5007718)	<0.2	0.33	9	<5	140	<0.5	<1	1.56	<0.5	6	3.3	22.1	20.7	0.30
E5697545 (5007719)	<0.2	0.09	3	7	62	<0.5	<1	2.66	<0.5	1	1.1	6.4	10.5	0.21
E5697546 (5007720)	<0.2	0.07	12	7	32	<0.5	<1	2.29	<0.5	1	<0.5	2.7	5.5	0.11
E5697547 (5007722)	<0.2	0.08	12	7	28	<0.5	<1	2.65	<0.5	1	<0.5	2.5	4.9	0.07
E5697548 (5007723)	<0.2	0.11	9	7	31	<0.5	<1	3.11	<0.5	1	0.6	2.5	3.9	0.10
E5697549 (5007724)	<0.2	0.14	12	11	41	<0.5	<1	3.69	0.6	1	2.2	7.4	14.8	0.26
E5697550 (5007725)	<0.2	0.54	7	<5	43	<0.5	<1	2.39	<0.5	6	3.4	14.3	25.3	0.35
E5697551 (5007726)	0.4	0.51	<1	<5	136	<0.5	<1	0.30	0.7	13	4.7	71.4	24.0	0.90
E5697552 (5007727)	<0.2	2.18	4	<5	179	0.6	<1	0.17	<0.5	112	15.0	222	48.1	3.34
E5697553 (5007728)	0.7	0.30	<1	<5	115	<0.5	<1	0.06	0.6	64	1.0	5.3	15.0	0.23
E5697554 (5007729)	<0.2	0.09	5	6	68	<0.5	<1	2.68	<0.5	2	1.6	6.5	8.4	0.19
E5697555 (5007730)	<0.2	0.10	8	8	50	<0.5	<1	3.03	<0.5	1	1.5	6.9	8.3	0.12
E5697556 (5007731)	<0.2	0.09	<1	8	32	<0.5	<1	3.16	<0.5	1	<0.5	3.1	5.1	0.06
E5697557 (5007732)	<0.2	0.07	3	7	27	<0.5	<1	3.00	<0.5	<1	<0.5	2.3	3.8	0.07
E5697558 (5007733)	<0.2	0.32	10	6	46	<0.5	<1	2.54	<0.5	2	3.3	8.7	16.1	0.43
E5697559 (5007734)	<0.2	0.57	<1	<5	31	<0.5	<1	1.73	1.1	12	5.0	19.0	40.9	0.45
E5697560 (5007735)	0.2	0.63	<1	<5	52	<0.5	<1	0.07	<0.5	14	5.8	133	5.7	1.34
E5697561 (5007736)	0.5	0.47	<1	<5	184	<0.5	<1	0.04	0.6	33	1.2	9.2	34.1	0.33
E5697562 (5007737)	<0.2	0.17	<1	<5	143	<0.5	<1	2.34	<0.5	3	3.1	11.6	12.9	0.38
E5697563 (5007738)	<0.2	0.09	3	6	66	<0.5	<1	2.99	<0.5	1	1.1	5.5	11.8	0.16
E5697564 (5007739)	<0.2	0.11	<1	9	102	<0.5	<1	3.82	<0.5	1	1.2	4.9	11.5	0.38
E5697565 (5007740)	<0.2	0.06	2	7	21	<0.5	<1	2.88	<0.5	<1	<0.5	2.3	4.5	0.07
E5697566 (5007741)	<0.2	0.06	<1	8	23	<0.5	<1	2.81	<0.5	<1	0.7	1.7	4.3	0.11
E5697567 (5007742)	<0.2	0.39	2	7	48	<0.5	<1	2.86	<0.5	2	3.4	10.5	17.5	0.48
E5697568 (5007743)	<0.2	0.83	2	<5	36	<0.5	<1	2.27	<0.5	23	2.5	30.0	103	0.30
E5697569 (5007744)	0.5	0.84	<1	<5	84	<0.5	<1	0.11	<0.5	12	18.9	330	20.8	1.81
E5697570 (5007745)	<0.2	0.55	<1	<5	51	<0.5	<1	0.14	<0.5	19	12.1	133	6.3	1.46
E5697571 (5007746)	<0.2	0.11	4	6	127	<0.5	<1	2.64	<0.5	1	1.1	6.4	7.6	0.22
E5697572 (5007747)	<0.2	0.08	8	7	71	<0.5	<1	2.87	<0.5	1	1.3	5.7	7.9	0.22
E5697573 (5007748)	<0.2	0.15	5	10	64	<0.5	<1	3.20	<0.5	2	0.6	9.2	16.9	0.17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 12, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697574 (5007749)	<0.2	0.09	3	10	32	<0.5	<1	3.15	<0.5	<1	0.9	5.0	12.7	0.15
E5697575 (5007750)	<0.2	0.14	6	10	30	<0.5	<1	3.89	<0.5	1	1.3	5.9	18.3	0.15
E5697576 (5007751)	<0.2	0.34	14	7	53	<0.5	<1	3.44	<0.5	3	5.6	13.6	23.4	0.58
E5697577 (5007752)	<0.2	0.72	<1	<5	42	<0.5	<1	2.46	0.9	22	5.8	13.8	52.0	0.53
E5697578 (5007753)	<0.2	0.29	<1	<5	78	<0.5	<1	0.20	<0.5	9	1.5	10.6	3.7	0.31
E5697579 (5007754)	<0.2	0.13	5	6	181	<0.5	<1	2.62	<0.5	2	2.2	7.5	12.1	0.45
E5697580 (5007755)	<0.2	0.12	4	9	179	<0.5	<1	3.43	<0.5	1	1.0	4.3	18.5	0.32
E5697581 (5007756)	<0.2	0.13	8	8	92	<0.5	<1	3.18	<0.5	2	1.6	6.8	15.0	0.27
E5697582 (5007757)	<0.2	0.19	<1	9	51	<0.5	<1	3.31	<0.5	2	1.0	10.1	28.5	0.15
E5697583 (5007758)	<0.2	0.18	3	11	43	<0.5	<1	3.47	<0.5	3	1.6	9.2	29.1	0.62
E5697584 (5007759)	<0.2	0.22	7	9	37	<0.5	<1	4.04	<0.5	3	2.3	10.4	29.4	0.50
E5697585 (5007760)	<0.2	0.60	5	7	48	<0.5	<1	3.34	0.5	8	5.6	14.1	40.8	0.61
E5697586 (5007761)	<0.2	0.35	<1	<5	46	<0.5	<1	0.27	0.7	9	3.5	10.8	22.6	0.48
E5697587 (5007762)	<0.2	0.58	<1	<5	125	<0.5	<1	0.25	<0.5	10	14.3	297	19.6	1.38
E5697588 (5007763)	0.3	0.67	4	<5	660	<0.5	<1	1.43	0.9	15	12.1	15.0	18.3	1.92
E5697589 (5007764)	<0.2	0.33	2	6	167	<0.5	<1	2.60	<0.5	4	2.7	11.4	34.3	0.33
E5697590 (5007765)	<0.2	0.08	<1	8	96	<0.5	<1	3.42	<0.5	<1	1.0	4.2	12.8	0.27
E5697591 (5007766)	<0.2	0.28	<1	9	78	<0.5	<1	3.10	<0.5	6	2.7	15.9	46.8	0.34
E5697592 (5007767)	<0.2	0.23	<1	7	63	<0.5	<1	3.07	<0.5	3	1.4	8.4	31.2	0.70
E5697593 (5007768)	0.3	0.42	<1	8	38	<0.5	<1	4.18	<0.5	6	2.5	10.6	36.8	0.42
E5697594 (5007769)	0.4	9.27	8	6	89	1.7	<1	1.46	0.7	77	108	143	110	5.65
E5697595 (5007770)	0.4	9.31	12	<5	66	1.7	<1	1.39	<0.5	74	106	126	101	5.11
E5697596 (5007771)	<0.2	2.09	<1	<5	24	<0.5	<1	0.09	<0.5	10	4.3	47.4	4.9	2.15
E5697597 (5007772)	<0.2	0.64	<1	<5	27	<0.5	<1	0.16	<0.5	8	3.5	8.0	16.7	0.92
E5697598 (5007773)	0.2	0.51	<1	5	230	<0.5	<1	2.87	<0.5	16	2.3	33.6	82.6	0.64
E5697599 (5007774)	<0.2	1.01	<1	<5	29	<0.5	<1	0.13	<0.5	13	3.1	11.9	12.8	1.06
E5697600 (5007775)	0.6	1.20	14	7	240	0.6	<1	4.20	<0.5	44	9.5	80.5	131	1.98
E5697601 (5007776)	<0.2	0.56	<1	<5	29	<0.5	<1	0.22	<0.5	16	4.0	41.3	12.3	0.63
E5697602 (5007777)	0.3	2.42	11	5	97	0.6	<1	1.86	0.8	50	20.7	87.7	61.6	2.12
E5697603 (5007778)	<0.2	1.02	<1	<5	53	<0.5	<1	0.30	<0.5	13	12.9	54.6	14.8	2.03
E5697604 (5007779)	<0.2	0.85	<1	<5	28	<0.5	<1	0.15	<0.5	10	3.8	25.5	7.6	0.77
E5697605 (5007780)	<0.2	0.97	<1	<5	95	<0.5	<1	0.81	<0.5	14	9.7	80.3	11.1	1.61

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697606 (5007781)	0.3	0.39	1	<5	422	<0.5	<1	3.79	<0.5	7	2.0	12.2	34.8	0.42	
E5697607 (5007782)	<0.2	2.85	<1	<5	122	0.7	<1	0.21	<0.5	8	59.0	1240	64.3	6.78	
E5697608 (5007783)	0.5	1.22	14	7	79	0.6	<1	4.30	<0.5	58	6.1	47.0	152	1.05	
E5697609 (5007784)	0.4	3.56	13	7	139	1.0	<1	1.36	0.7	68	41.4	103	89.1	4.36	
E5697610 (5007785)	0.2	2.05	7	<5	68	<0.5	<1	2.58	<0.5	23	13.6	43.0	48.2	2.64	
E5697611 (5007786)	0.2	1.08	3	7	80	<0.5	<1	2.14	0.9	17	12.5	35.1	63.0	1.30	
E5697612 (5007788)	<0.2	0.97	5	<5	26	<0.5	<1	0.17	<0.5	12	8.4	52.8	11.9	3.12	
E5697613 (5007789)	<0.2	0.32	<1	<5	72	<0.5	<1	0.45	<0.5	7	2.2	15.8	6.6	0.37	
E5697614 (5007790)	<0.2	0.50	<1	<5	40	<0.5	<1	0.33	<0.5	16	5.9	29.6	11.3	0.64	
E5697615 (5007791)	0.4	0.49	6	6	126	<0.5	<1	2.38	1.8	24	7.1	19.8	60.8	0.52	
E5697616 (5007792)	0.2	0.44	2	6	62	<0.5	<1	2.44	0.7	6	6.3	78.4	22.6	1.03	
E5697617 (5007793)	<0.2	1.75	<1	<5	50	<0.5	<1	0.82	<0.5	29	13.8	98.2	20.7	2.21	
E5697618 (5007794)	0.2	0.23	<1	<5	87	<0.5	<1	1.05	1.4	7	3.1	9.7	42.1	0.31	
E5697619 (5007795)	0.2	0.21	<1	<5	113	<0.5	<1	0.62	1.1	4	3.0	11.9	23.7	0.26	
E5697620 (5007796)	<0.2	3.95	<1	<5	29	<0.5	<1	0.49	<0.5	30	36.2	386	22.8	4.44	
E5697621 (5007797)	0.9	1.50	<1	<5	354	0.9	<1	1.90	<0.5	57	3.8	112	156	0.53	
E5697622 (5007798)	<0.2	0.65	<1	<5	75	<0.5	<1	0.17	<0.5	9	13.6	597	4.1	2.32	
E5697623 (5007799)	<0.2	3.18	<1	<5	59	1.7	<1	0.14	<0.5	12	69.4	1680	125	8.38	
E5697624 (5007800)	<0.2	1.90	6	5	126	<0.5	<1	1.03	<0.5	43	41.6	97.5	51.6	3.36	
E5697625 (5007801)	0.3	2.19	14	5	125	0.5	<1	1.39	<0.5	54	25.5	154	69.2	3.05	
E5697626 (5007802)	<0.2	0.22	<1	<5	71	<0.5	1	0.87	1.9	4	4.5	13.1	31.7	0.42	
E5697627 (5007803)	<0.2	4.84	4	6	52	0.9	<1	0.36	<0.5	29	38.6	586	25.7	6.18	
E5697628 (5007804)	<0.2	0.60	<1	<5	15	<0.5	<1	0.13	<0.5	17	5.0	29.8	6.0	0.71	
E5697629 (5007805)	0.5	0.49	<1	<5	122	<0.5	<1	0.40	<0.5	8	7.1	43.8	25.4	0.84	
E5697630 (5007806)	0.6	1.30	2	<5	418	0.7	2	0.89	<0.5	51	1.8	24.3	97.2	0.86	
E5697631 (5007807)	<0.2	0.11	<1	<5	41	<0.5	<1	0.64	0.9	11	2.4	6.1	24.4	0.23	
E5697632 (5007808)	<0.2	0.36	<1	<5	76	<0.5	<1	0.34	1.3	7	3.3	22.0	28.1	0.73	
E5697633 (5007810)	<0.2	1.60	9	5	128	<0.5	<1	1.00	0.9	15	28.4	110	29.0	3.49	
E5697634 (5007811)	<0.2	1.08	1	<5	58	<0.5	<1	0.82	0.8	13	18.4	101	26.4	2.37	
E5697635 (5007812)	<0.2	0.55	4	<5	43	<0.5	<1	0.80	1.3	7	8.0	21.6	32.2	1.29	
E5697636 (5007813)	<0.2	1.06	<1	<5	38	<0.5	<1	0.30	<0.5	15	15.2	54.7	10.9	1.59	
E5697637 (5007814)	0.3	0.57	<1	28	56	<0.5	<1	0.80	0.5	11	11.2	17.1	21.9	0.95	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697638 (5007815)	0.4	2.04	<1	<5	67	<0.5	<1	0.18	<0.5	20	22.9	51.0	37.7	2.53	
E5697639 (5007816)	<0.2	0.92	<1	283	114	<0.5	<1	1.32	<0.5	20	30.1	79.8	32.5	1.98	
E5697640 (5007817)	0.4	0.93	5	6	196	<0.5	<1	2.44	0.5	48	10.0	53.4	59.4	1.02	
E5697641 (5007818)	0.2	0.52	<1	6	81	<0.5	<1	1.87	1.1	20	7.1	92.6	30.3	0.78	
E5697642 (5007819)	0.2	0.57	<1	6	92	<0.5	<1	1.95	1.3	39	16.3	15.1	47.2	0.52	
E5697643 (5007820)	0.3	1.48	4	<5	94	0.5	<1	1.32	<0.5	55	28.9	42.5	40.0	1.94	
E5697644 (5007821)	<0.2	1.00	<1	<5	60	<0.5	<1	0.32	<0.5	17	53.4	25.9	19.2	1.80	
E5697645 (5007822)	0.4	1.00	<1	<5	90	<0.5	<1	0.38	<0.5	21	22.7	40.8	31.8	1.26	
E5697646 (5007823)	0.2	0.89	<1	<5	61	<0.5	<1	0.25	<0.5	19	14.7	42.6	25.5	1.21	
E5697647 (5007824)	0.3	0.55	<1	<5	76	<0.5	<1	0.30	0.6	17	6.5	16.6	23.9	0.66	
E5697648 (5007825)	<0.2	1.82	<1	<5	77	<0.5	<1	0.14	<0.5	44	27.7	840	18.5	5.89	
E5697649 (5007826)	<0.2	1.02	<1	<5	60	<0.5	<1	0.32	<0.5	20	13.9	244	14.8	1.68	
E5697650 (5007827)	0.4	2.19	3	<5	228	0.6	<1	1.23	<0.5	51	38.3	166	92.2	4.32	
E5697651 (5007828)	<0.2	0.59	<1	<5	31	<0.5	<1	0.31	<0.5	29	5.7	37.8	7.8	0.91	
E5697652 (5007829)	0.4	0.96	<1	<5	61	<0.5	<1	0.78	<0.5	17	22.5	30.4	38.6	1.79	
E5697653 (5007830)	0.4	1.22	3	<5	68	0.6	<1	0.49	<0.5	26	25.7	45.3	53.4	2.09	
E5697654 (5007831)	<0.2	0.75	<1	<5	54	<0.5	<1	0.32	<0.5	11	11.5	54.2	13.9	1.75	
E5697655 (5007832)	0.3	0.70	<1	<5	101	<0.5	<1	0.49	0.7	16	17.3	25.3	30.4	1.32	
E5697656 (5007834)	<0.2	0.91	<1	<5	77	<0.5	<1	0.31	<0.5	18	9.6	62.4	18.6	2.21	
E5697657 (5007835)	<0.2	1.81	<1	<5	86	<0.5	<1	0.83	<0.5	34	26.4	193	37.1	3.53	
E5697658 (5007836)	0.2	2.45	<1	<5	146	0.6	<1	1.04	<0.5	58	19.4	107	48.9	3.02	
E5697659 (5007837)	<0.2	2.02	<1	<5	109	<0.5	<1	0.55	<0.5	33	20.2	61.8	29.6	2.87	
E5697660 (5007838)	<0.2	1.03	1	<5	58	<0.5	<1	2.81	<0.5	30	7.4	37.1	13.6	1.26	
E5697661 (5007839)	<0.2	1.43	<1	<5	45	<0.5	<1	0.52	<0.5	16	36.1	139	12.9	3.04	
E5697662 (5007840)	0.2	0.90	<1	<5	21	<0.5	<1	0.14	<0.5	14	7.6	35.6	8.2	1.01	
E5697663 (5007841)	<0.2	1.16	<1	<5	30	<0.5	<1	0.36	<0.5	11	15.2	89.6	16.5	3.00	
E5697664 (5007842)	<0.2	0.73	1	<5	25	<0.5	<1	0.17	<0.5	14	5.4	23.6	13.1	1.00	
E5697665 (5007843)	<0.2	0.69	<1	<5	20	<0.5	<1	0.14	<0.5	14	4.3	24.3	6.7	1.02	
E5697666 (5007844)	<0.2	0.59	<1	<5	75	<0.5	<1	0.94	<0.5	17	6.2	32.5	21.9	0.82	
E5697667 (5007845)	<0.2	0.50	<1	<5	86	<0.5	<1	0.23	<0.5	92	21.3	34.1	63.1	3.36	
E5697668 (5007846)	<0.2	0.29	<1	<5	73	<0.5	<1	0.30	0.9	7	4.2	13.6	28.3	0.55	
E5697669 (5007847)	0.2	1.07	3	<5	30	<0.5	<1	0.16	<0.5	11	6.0	67.2	8.2	2.11	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697670 (5007848)	0.2	0.94	6	<5	35	<0.5	<1	0.30	<0.5	16	45.2	163	16.6	2.25	
E5697671 (5007849)	0.4	1.53	7	<5	72	0.6	<1	0.42	<0.5	46	129	71.8	54.6	2.71	
E5697672 (5007850)	0.2	1.28	4	<5	53	<0.5	<1	0.53	<0.5	43	35.3	60.4	37.7	1.73	
E5697673 (5007851)	<0.2	1.43	6	<5	102	<0.5	<1	0.68	0.7	14	23.5	214	23.5	3.11	
E5697674 (5007852)	<0.2	1.57	5	<5	43	<0.5	<1	0.30	<0.5	18	14.7	80.5	27.0	2.91	
E5697675 (5007853)	<0.2	1.58	47	<5	50	<0.5	<1	0.48	0.6	16	17.1	236	19.5	2.49	
E5697676 (5007854)	<0.2	0.69	1	<5	27	<0.5	<1	0.36	<0.5	18	7.0	36.9	12.4	1.35	
E5697677 (5007855)	<0.2	1.46	5	<5	38	<0.5	<1	0.51	<0.5	15	21.2	154	17.4	3.24	
E5697678 (5007856)	<0.2	0.86	2	<5	43	<0.5	<1	0.22	<0.5	15	6.2	38.3	19.1	1.22	
E5697679 (5007857)	<0.2	0.91	3	<5	53	<0.5	<1	0.18	<0.5	20	11.6	50.5	11.1	1.65	
E5697680 (5007858)	<0.2	0.97	1	<5	187	<0.5	<1	0.55	<0.5	12	17.9	53.8	31.5	2.12	
E5697681 (5007859)	<0.2	1.68	2	<5	47	<0.5	<1	0.16	<0.5	15	9.5	74.8	10.7	3.65	
E5697682 (5007860)	<0.2	1.04	19	<5	51	<0.5	<1	0.13	<0.5	17	9.3	56.8	11.3	2.48	
E5697683 (5007861)	<0.2	0.53	4	<5	39	<0.5	<1	0.15	<0.5	22	4.3	23.7	9.4	0.92	
E5697684 (5007862)	<0.2	1.65	18	<5	53	<0.5	<1	0.39	<0.5	18	16.4	84.5	23.7	4.16	
E5697685 (5007863)	<0.2	1.68	8	<5	50	<0.5	<1	0.55	<0.5	28	18.2	117	29.7	3.27	
E5697686 (5007864)	<0.2	0.62	4	<5	51	<0.5	<1	0.50	<0.5	9	11.4	33.6	19.7	1.63	
E5697687 (5007865)	0.3	1.02	14	<5	64	<0.5	<1	1.81	<0.5	44	6.5	47.5	64.3	1.07	
E5697688 (5007866)	0.2	1.32	14	<5	49	<0.5	<1	0.70	<0.5	27	13.0	55.7	34.3	1.88	
E5697689 (5007867)	0.3	1.00	11	<5	45	<0.5	<1	1.03	<0.5	22	9.1	56.9	41.9	1.15	
E5697690 (5007868)	0.4	0.46	4	<5	141	<0.5	<1	0.60	0.7	7	8.7	35.7	33.6	1.25	
E5697691 (5007869)	<0.2	1.00	4	<5	38	<0.5	<1	0.20	<0.5	16	18.2	36.7	17.1	1.24	
E5697692 (5007870)	<0.2	1.57	4	<5	33	<0.5	<1	0.47	<0.5	21	33.6	96.2	17.9	3.76	
E5697693 (5007871)	0.7	2.46	20	<5	94	1.1	<1	2.35	0.8	148	12.3	104	108	1.33	
E5697694 (5007872)	<0.2	1.13	5	<5	41	<0.5	<1	0.48	<0.5	9	19.2	123	15.7	3.04	
E5697695 (5007873)	0.2	0.48	8	5	131	<0.5	<1	1.60	3.3	5	14.3	48.9	52.2	0.94	
E5697696 (5007874)	0.4	0.89	10	5	71	<0.5	<1	1.56	2.0	60	8.0	35.4	41.5	0.76	
E5697697 (5007875)	<0.2	0.47	2	<5	29	<0.5	<1	0.61	<0.5	11	4.5	24.7	12.0	0.76	
E5697698 (5007876)	<0.2	0.61	5	<5	27	<0.5	<1	0.39	<0.5	9	6.6	110	9.6	1.11	
E5697699 (5007877)	0.6	2.86	13	<5	75	1.2	<1	0.55	1.0	57	237	94.4	114	2.93	
E5697700 (5007878)	0.2	1.13	7	<5	56	<0.5	<1	0.38	<0.5	26	56.0	57.5	21.2	2.81	
E5697701 (5007879)	<0.2	1.18	6	<5	64	<0.5	<1	0.34	<0.5	27	31.6	58.7	21.7	2.84	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 12, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697702 (5007880)	0.4	1.38	17	<5	53	<0.5	<1	2.25	1.0	67	6.6	75.4	61.0	1.23
E5697703 (5007881)	<0.2	0.65	4	<5	49	<0.5	<1	0.72	0.6	15	11.0	40.2	31.0	1.30
E5697704 (5007882)	<0.2	0.99	5	<5	226	<0.5	<1	0.83	1.2	15	21.8	53.3	22.9	2.41
E5697705 (5007883)	0.4	1.04	9	5	76	<0.5	<1	1.95	1.2	42	9.8	52.7	41.7	1.09
E5697706 (5007884)	<0.2	0.52	2	<5	44	<0.5	<1	0.48	<0.5	15	11.1	29.7	19.0	1.00
E5697707 (5007885)	<0.2	0.66	3	<5	53	<0.5	<1	0.83	<0.5	15	9.9	30.7	25.7	0.86
E5697708 (5007886)	0.2	0.80	5	<5	82	<0.5	<1	0.76	0.7	18	16.4	36.6	33.1	1.21
E5697709 (5007887)	0.3	0.81	7	<5	78	<0.5	<1	0.38	<0.5	21	8.8	34.9	28.1	1.10
E5697710 (5007888)	0.4	1.38	7	<5	112	0.5	<1	0.44	<0.5	22	28.7	87.6	27.7	2.76
E5697711 (5007889)	<0.2	0.55	4	<5	37	<0.5	<1	0.71	<0.5	6	7.7	33.2	21.5	1.20
E5697712 (5007890)	<0.2	1.39	13	<5	56	<0.5	<1	0.60	<0.5	11	19.1	101	19.1	3.12
E5697713 (5007891)	0.2	0.51	7	7	137	<0.5	<1	1.24	2.0	7	20.8	33.3	35.6	1.84
E5697714 (5007892)	<0.2	0.60	<1	<5	16	<0.5	<1	0.30	<0.5	11	6.1	32.8	5.4	1.09
E5697715 (5007893)	<0.2	0.43	<1	<5	18	<0.5	<1	0.28	<0.5	15	3.4	20.0	4.4	0.57
E5697716 (5007894)	<0.2	0.83	1	<5	33	<0.5	<1	0.43	<0.5	13	11.6	56.5	12.1	1.54
E5697717 (5007895)	0.3	0.65	5	<5	46	<0.5	<1	0.32	<0.5	14	6.6	26.7	23.1	0.92
E5697718 (5007897)	<0.2	0.49	<1	<5	18	<0.5	<1	0.14	<0.5	14	3.6	21.7	8.9	0.60
E5697719 (5007898)	0.2	1.15	6	<5	62	<0.5	<1	0.38	<0.5	21	27.2	110	14.8	2.00

Certified By:





## Certificate of Analysis

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5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013							DATE REPORTED: Dec 12, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697542 (5007716)	<5	1	2	<0.01	6	<1	0.32	637	38.0	<0.01	34.4	757	15.2	<10	
E5697543 (5007717)	<5	3	<1	0.02	9	4	0.16	104	12.6	<0.01	27.5	765	24.5	<10	
E5697544 (5007718)	<5	<1	<1	<0.01	3	<1	0.20	458	25.7	<0.01	12.5	878	7.7	<10	
E5697545 (5007719)	<5	<1	<1	0.01	1	<1	0.28	247	9.1	<0.01	7.7	610	12.8	<10	
E5697546 (5007720)	<5	4	<1	<0.01	<1	<1	0.23	76	5.5	<0.01	4.8	425	8.1	<10	
E5697547 (5007722)	<5	<1	<1	<0.01	<1	<1	0.25	104	4.4	<0.01	5.8	466	11.0	<10	
E5697548 (5007723)	<5	<1	<1	<0.01	<1	<1	0.29	90	3.4	<0.01	4.5	410	4.0	<10	
E5697549 (5007724)	<5	<1	<1	0.01	1	<1	0.25	318	5.0	<0.01	13.3	744	25.8	<10	
E5697550 (5007725)	<5	<1	<1	0.01	4	<1	0.16	265	2.6	<0.01	15.8	855	8.5	<10	
E5697551 (5007726)	<5	1	<1	0.05	6	3	0.21	54	3.2	<0.01	30.8	320	26.9	<10	
E5697552 (5007727)	14	2	2	0.09	54	31	0.76	156	7.5	<0.01	94.9	497	45.1	17	
E5697553 (5007728)	<5	<1	1	0.03	32	<1	0.03	38	5.5	<0.01	6.4	316	21.0	<10	
E5697554 (5007729)	<5	<1	<1	0.01	<1	<1	0.28	992	9.4	<0.01	9.5	590	17.7	<10	
E5697555 (5007730)	<5	2	<1	<0.01	<1	<1	0.26	269	9.6	<0.01	11.1	429	10.3	<10	
E5697556 (5007731)	<5	<1	<1	<0.01	<1	<1	0.27	30	3.5	<0.01	8.6	416	6.2	<10	
E5697557 (5007732)	<5	<1	<1	<0.01	<1	<1	0.27	70	2.7	<0.01	4.3	363	6.0	<10	
E5697558 (5007733)	<5	2	<1	0.01	2	<1	0.17	837	4.5	<0.01	12.2	834	11.8	<10	
E5697559 (5007734)	<5	<1	<1	0.02	6	<1	0.14	269	3.7	<0.01	17.7	951	38.6	<10	
E5697560 (5007735)	6	2	<1	0.02	7	3	0.24	67	2.5	<0.01	59.2	162	15.0	<10	
E5697561 (5007736)	<5	<1	2	0.04	16	<1	0.03	26	1.2	<0.01	10.6	507	46.7	<10	
E5697562 (5007737)	<5	<1	<1	0.02	2	<1	0.26	516	20.8	<0.01	15.1	701	20.4	<10	
E5697563 (5007738)	<5	2	<1	<0.01	1	<1	0.28	181	8.3	<0.01	14.3	365	7.1	<10	
E5697564 (5007739)	<5	<1	<1	<0.01	<1	<1	0.33	987	7.3	<0.01	15.9	507	11.9	<10	
E5697565 (5007740)	<5	2	<1	<0.01	<1	<1	0.24	38	4.5	<0.01	5.3	275	6.2	<10	
E5697566 (5007741)	<5	<1	<1	<0.01	<1	<1	0.21	177	3.7	<0.01	3.5	299	10.3	<10	
E5697567 (5007742)	<5	<1	<1	0.01	2	<1	0.17	676	7.2	<0.01	14.1	599	13.3	<10	
E5697568 (5007743)	<5	<1	<1	<0.01	11	<1	0.16	171	3.9	<0.01	16.7	1070	12.0	<10	
E5697569 (5007744)	<5	2	1	0.05	6	6	1.45	643	<0.5	<0.01	220	197	22.8	<10	
E5697570 (5007745)	<5	<1	<1	0.03	9	3	0.61	117	5.1	<0.01	69.6	146	13.1	13	
E5697571 (5007746)	<5	<1	<1	<0.01	1	<1	0.29	92	25.0	<0.01	11.7	420	6.1	<10	
E5697572 (5007747)	<5	<1	<1	0.01	1	<1	0.27	149	10.6	<0.01	10.2	498	16.4	<10	
E5697573 (5007748)	<5	3	<1	<0.01	2	<1	0.27	280	14.7	<0.01	16.7	501	6.5	<10	

Certified By:



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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013							DATE REPORTED: Dec 12, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
E5697574 (5007749)	<5	3	<1	0.02	<1	<1	0.26	259	5.0	<0.01	10.1	466	13.5	<10	
E5697575 (5007750)	<5	2	<1	0.01	1	<1	0.28	190	7.9	<0.01	15.6	487	11.5	<10	
E5697576 (5007751)	<5	<1	<1	0.03	2	<1	0.21	1730	5.0	<0.01	15.9	790	21.6	<10	
E5697577 (5007752)	<5	<1	<1	0.02	11	<1	0.17	524	3.1	<0.01	21.7	723	28.2	<10	
E5697578 (5007753)	<5	<1	<1	0.02	4	3	0.10	37	1.8	<0.01	8.5	76	3.4	<10	
E5697579 (5007754)	<5	<1	<1	0.03	1	<1	0.28	291	22.7	<0.01	12.3	707	25.6	<10	
E5697580 (5007755)	<5	4	<1	0.01	2	<1	0.31	159	75.7	<0.01	18.4	532	8.6	<10	
E5697581 (5007756)	<5	<1	<1	0.01	1	<1	0.27	174	29.6	<0.01	13.4	591	17.8	<10	
E5697582 (5007757)	<5	<1	<1	<0.01	3	<1	0.28	314	20.2	<0.01	18.4	573	7.9	<10	
E5697583 (5007758)	<5	2	<1	0.02	2	<1	0.26	633	6.4	<0.01	17.2	639	15.9	<10	
E5697584 (5007759)	<5	<1	<1	0.02	3	<1	0.26	474	5.9	<0.01	17.0	734	17.6	<10	
E5697585 (5007760)	<5	<1	<1	0.01	6	<1	0.16	311	3.9	<0.01	13.7	860	16.1	<10	
E5697586 (5007761)	<5	2	1	0.04	5	1	0.10	52	0.7	0.01	12.2	242	30.8	<10	
E5697587 (5007762)	<5	<1	2	0.04	6	5	0.74	352	1.7	<0.01	223	294	28.5	<10	
E5697588 (5007763)	<5	1	6	0.02	8	<1	0.13	676	14.7	<0.01	20.9	787	39.6	<10	
E5697589 (5007764)	<5	2	<1	0.02	5	<1	0.25	492	60.1	<0.01	25.6	732	16.3	<10	
E5697590 (5007765)	<5	<1	<1	0.01	<1	<1	0.31	79	17.6	<0.01	12.8	437	10.7	<10	
E5697591 (5007766)	<5	<1	<1	<0.01	8	<1	0.25	295	49.2	<0.01	31.2	538	7.8	<10	
E5697592 (5007767)	<5	<1	<1	0.04	4	<1	0.24	821	5.7	<0.01	17.1	553	28.0	<10	
E5697593 (5007768)	<5	1	<1	0.02	7	<1	0.29	164	5.4	<0.01	18.3	654	10.6	<10	
E5697594 (5007769)	15	2	<1	0.05	38	8	0.41	2130	2.8	0.01	109	1550	62.0	10	
E5697595 (5007770)	12	<1	3	0.02	37	4	0.12	2040	1.8	<0.01	101	1440	48.2	<10	
E5697596 (5007771)	8	<1	2	0.02	5	8	0.18	79	<0.5	<0.01	14.1	290	8.1	<10	
E5697597 (5007772)	<5	<1	2	0.04	4	<1	0.04	86	1.4	<0.01	5.5	269	17.7	<10	
E5697598 (5007773)	<5	1	1	0.01	19	<1	0.28	525	76.7	<0.01	39.0	835	9.0	<10	
E5697599 (5007774)	10	<1	<1	0.04	6	2	0.07	92	12.4	<0.01	3.1	122	12.5	10	
E5697600 (5007775)	<5	1	<1	0.04	56	3	0.41	1030	9.2	<0.01	59.3	1440	21.8	15	
E5697601 (5007776)	6	<1	<1	0.02	7	1	0.16	59	0.9	<0.01	17.9	118	11.0	<10	
E5697602 (5007777)	6	<1	2	0.10	29	28	0.57	1970	3.2	<0.01	76.5	820	42.5	19	
E5697603 (5007778)	9	<1	4	0.04	6	6	0.55	391	1.4	0.01	30.1	267	20.7	<10	
E5697604 (5007779)	<5	2	<1	0.03	5	3	0.18	72	0.7	0.01	17.1	267	21.3	<10	
E5697605 (5007780)	6	<1	<1	0.05	7	9	0.63	199	17.5	0.01	33.8	467	5.4	24	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013						DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697606 (5007781)	<5	<1	4	0.04	7	1	0.42	43	30.3	<0.01	30.0	513	12.4	13	
E5697607 (5007782)	21	5	6	0.08	6	48	3.52	379	241	<0.01	597	176	27.5	24	
E5697608 (5007783)	<5	4	<1	0.03	90	3	0.35	704	5.6	<0.01	83.3	1580	17.3	11	
E5697609 (5007784)	11	<1	<1	0.11	42	26	0.83	1080	3.3	0.01	123	1070	25.6	30	
E5697610 (5007785)	6	<1	<1	0.05	16	22	0.77	470	2.8	<0.01	49.6	871	21.9	11	
E5697611 (5007786)	<5	<1	<1	0.17	10	5	0.45	865	3.6	<0.01	23.1	1050	49.6	15	
E5697612 (5007788)	11	<1	<1	0.03	6	5	0.28	187	1.8	<0.01	24.4	435	4.2	<10	
E5697613 (5007789)	<5	<1	<1	0.02	3	3	0.17	188	6.9	<0.01	7.1	137	4.1	10	
E5697614 (5007790)	<5	<1	<1	0.02	9	5	0.21	111	17.4	<0.01	12.1	113	6.7	14	
E5697615 (5007791)	<5	<1	<1	0.07	21	1	0.30	495	8.1	<0.01	66.5	890	62.6	13	
E5697616 (5007792)	<5	<1	<1	0.05	4	1	0.67	121	4.2	<0.01	44.7	674	26.1	<10	
E5697617 (5007793)	8	3	2	0.04	14	31	0.97	219	0.6	0.01	43.9	408	10.3	<10	
E5697618 (5007794)	<5	1	<1	0.11	4	1	0.13	337	3.1	<0.01	19.3	832	73.2	<10	
E5697619 (5007795)	<5	<1	<1	0.08	2	2	0.16	128	2.4	<0.01	17.7	702	32.7	<10	
E5697620 (5007796)	12	<1	4	0.05	12	66	4.67	562	0.5	0.02	216	124	9.3	17	
E5697621 (5007797)	<5	4	<1	0.03	70	5	0.40	107	7.1	<0.01	85.8	1200	28.4	10	
E5697622 (5007798)	7	<1	2	0.03	5	12	0.85	135	34.7	<0.01	112	98	15.8	<10	
E5697623 (5007799)	19	4	6	0.09	7	56	4.36	958	24.5	<0.01	546	169	21.6	20	
E5697624 (5007800)	10	<1	<1	0.08	22	22	0.88	2170	4.7	0.01	85.7	574	36.3	22	
E5697625 (5007801)	10	3	3	0.05	35	20	1.23	1400	2.6	0.01	120	718	21.0	12	
E5697626 (5007802)	<5	<1	<1	0.09	2	<1	0.14	132	2.1	<0.01	17.6	699	65.3	10	
E5697627 (5007803)	16	2	4	0.04	14	110	4.11	330	<0.5	<0.01	122	221	20.3	11	
E5697628 (5007804)	<5	<1	1	0.02	8	5	0.31	82	<0.5	<0.01	15.2	84	5.8	<10	
E5697629 (5007805)	<5	<1	2	0.04	4	2	0.33	204	0.9	0.01	28.4	353	18.2	<10	
E5697630 (5007806)	<5	<1	<1	0.07	43	2	0.18	47	5.9	<0.01	67.8	577	44.2	17	
E5697631 (5007807)	<5	<1	<1	0.10	5	<1	0.12	79	4.5	<0.01	11.0	576	43.7	11	
E5697632 (5007808)	<5	2	<1	0.06	4	1	0.11	84	3.3	<0.01	18.7	383	50.5	<10	
E5697633 (5007810)	8	<1	3	0.07	7	12	1.26	1170	3.2	0.02	79.1	585	36.0	25	
E5697634 (5007811)	<5	<1	1	0.10	6	10	0.91	547	2.4	0.01	71.7	517	46.7	16	
E5697635 (5007812)	<5	2	<1	0.09	3	3	0.33	174	1.3	<0.01	22.1	666	85.7	16	
E5697636 (5007813)	6	<1	<1	0.03	7	13	0.55	141	<0.5	<0.01	74.7	210	9.7	<10	
E5697637 (5007814)	<5	<1	1	0.08	6	5	0.29	273	1.8	0.01	26.4	607	34.1	<10	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013						DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697638 (5007815)	11	<1	1	0.10	10	20	0.45	508	0.9	<0.01	44.8	400	15.2	21	
E5697639 (5007816)	6	<1	1	0.10	8	11	0.50	1880	42.2	0.05	48.1	752	70.6	22	
E5697640 (5007817)	<5	<1	<1	0.04	35	7	0.51	1350	7.4	<0.01	68.9	1390	20.2	<10	
E5697641 (5007818)	<5	3	1	0.07	13	3	0.57	237	4.4	<0.01	77.5	764	35.2	11	
E5697642 (5007819)	<5	3	<1	0.10	17	1	0.25	669	5.6	0.01	55.0	1030	50.2	12	
E5697643 (5007820)	<5	4	<1	0.06	23	11	0.48	1590	3.1	0.01	53.1	938	35.0	12	
E5697644 (5007821)	6	1	2	0.07	7	12	0.35	1010	1.2	0.01	29.6	313	17.5	11	
E5697645 (5007822)	5	<1	<1	0.06	10	4	0.38	659	1.4	0.01	39.1	663	27.3	13	
E5697646 (5007823)	5	<1	2	0.06	9	8	0.31	299	1.4	<0.01	34.9	451	27.8	12	
E5697647 (5007824)	<5	2	<1	0.05	8	2	0.18	198	1.2	<0.01	18.8	480	31.1	<10	
E5697648 (5007825)	18	2	8	0.06	21	21	1.24	354	18.9	<0.01	292	324	20.4	23	
E5697649 (5007826)	5	2	<1	0.04	10	12	0.88	215	30.2	<0.01	111	221	13.1	11	
E5697650 (5007827)	7	2	1	0.06	29	19	1.49	1290	10.9	0.02	336	924	27.9	12	
E5697651 (5007828)	<5	1	<1	0.04	12	7	0.32	159	0.7	0.01	33.5	519	2.4	<10	
E5697652 (5007829)	<5	2	<1	0.06	8	4	0.33	727	1.8	<0.01	39.4	729	25.6	12	
E5697653 (5007830)	5	<1	3	0.09	14	5	0.40	590	1.4	0.01	57.7	864	25.8	12	
E5697654 (5007831)	5	<1	<1	0.03	5	4	0.62	219	0.5	0.01	37.3	218	12.0	<10	
E5697655 (5007832)	<5	<1	1	0.06	8	2	0.27	1010	1.4	0.01	33.8	733	41.0	13	
E5697656 (5007834)	7	<1	<1	0.07	8	5	0.46	292	1.1	0.01	32.5	603	24.7	12	
E5697657 (5007835)	7	<1	1	0.04	15	16	1.15	1150	3.5	0.01	111	560	15.8	12	
E5697658 (5007836)	10	<1	1	0.08	25	23	0.85	639	5.1	0.02	104	583	20.7	19	
E5697659 (5007837)	12	<1	<1	0.07	16	29	0.37	424	3.2	<0.01	53.5	499	27.7	23	
E5697660 (5007838)	<5	3	<1	0.08	15	10	0.89	227	1.1	0.01	31.5	516	12.9	19	
E5697661 (5007839)	7	<1	<1	0.04	7	11	1.55	1540	1.4	0.02	97.3	416	19.2	11	
E5697662 (5007840)	<5	<1	<1	0.03	7	12	0.35	108	<0.5	<0.01	23.3	110	4.4	<10	
E5697663 (5007841)	8	<1	1	0.05	5	10	0.91	387	<0.5	0.02	52.5	479	12.8	11	
E5697664 (5007842)	<5	<1	<1	0.03	7	7	0.20	101	<0.5	<0.01	23.2	326	7.7	<10	
E5697665 (5007843)	5	<1	2	0.02	7	6	0.16	59	0.6	<0.01	19.2	149	6.2	<10	
E5697666 (5007844)	<5	<1	<1	0.06	9	4	0.34	216	2.6	0.01	24.4	346	26.1	10	
E5697667 (5007845)	<5	3	5	0.03	46	6	0.36	634	1.3	0.01	39.3	618	16.5	<10	
E5697668 (5007846)	<5	1	<1	0.07	3	2	0.14	87	2.0	<0.01	12.8	433	29.5	<10	
E5697669 (5007847)	7	3	<1	0.03	5	8	0.21	80	<0.5	<0.01	26.0	240	6.3	<10	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474

PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 12, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5697670 (5007848)	8	<1	1	0.04	8	5	0.85	1310	1.7	0.01	74.9	397	22.5	11
E5697671 (5007849)	12	4	3	0.06	22	13	0.58	3870	3.8	<0.01	77.8	473	27.1	15
E5697672 (5007850)	10	<1	2	0.05	16	10	0.49	3880	3.0	0.02	69.5	584	25.7	12
E5697673 (5007851)	11	3	3	0.08	7	12	1.57	1400	1.4	0.01	99.2	789	32.5	18
E5697674 (5007852)	12	<1	4	0.05	9	22	0.60	226	1.7	<0.01	44.7	525	12.8	15
E5697675 (5007853)	7	<1	3	0.03	9	9	1.62	492	1.9	<0.01	75.8	329	26.6	<10
E5697676 (5007854)	7	<1	4	0.04	8	4	0.32	144	1.9	0.01	22.3	388	15.0	<10
E5697677 (5007855)	9	3	3	0.05	7	11	1.59	534	1.9	0.02	90.4	302	9.4	16
E5697678 (5007856)	<5	2	1	0.04	7	9	0.26	104	1.8	<0.01	64.6	322	6.8	12
E5697679 (5007857)	7	2	<1	0.05	10	6	0.28	870	1.7	<0.01	20.9	345	11.9	13
E5697680 (5007858)	9	<1	<1	0.28	5	7	0.57	2680	2.8	<0.01	31.6	749	44.4	55
E5697681 (5007859)	12	<1	4	0.05	7	21	0.33	219	1.9	<0.01	32.2	719	10.7	14
E5697682 (5007860)	10	2	4	0.05	8	6	0.35	283	2.6	<0.01	31.6	431	10.8	12
E5697683 (5007861)	5	<1	<1	0.03	11	2	0.15	126	<0.5	<0.01	11.7	219	13.9	<10
E5697684 (5007862)	12	<1	6	0.06	9	16	0.52	382	2.0	<0.01	65.9	375	22.8	12
E5697685 (5007863)	9	<1	2	0.05	12	19	0.98	1160	1.6	0.02	85.0	348	17.8	16
E5697686 (5007864)	6	1	1	0.07	4	3	0.36	418	2.0	0.01	25.2	514	31.4	13
E5697687 (5007865)	<5	<1	<1	0.05	49	7	0.41	133	3.2	<0.01	50.3	657	31.4	12
E5697688 (5007866)	7	<1	1	0.04	15	12	0.59	487	2.0	0.01	69.5	498	15.0	<10
E5697689 (5007867)	<5	<1	<1	0.05	17	8	0.45	466	2.3	<0.01	72.3	623	35.2	<10
E5697690 (5007868)	<5	<1	<1	0.13	4	3	0.23	354	2.3	<0.01	42.1	966	60.5	14
E5697691 (5007869)	<5	3	<1	0.04	8	12	0.32	422	3.7	<0.01	37.0	301	13.7	<10
E5697692 (5007870)	11	2	7	0.06	9	11	1.25	1080	2.4	0.01	57.2	467	17.1	14
E5697693 (5007871)	<5	2	2	0.06	100	7	0.42	1630	5.6	<0.01	116	1340	33.9	15
E5697694 (5007872)	9	<1	2	0.05	4	7	1.34	438	1.7	0.02	84.3	305	20.5	19
E5697695 (5007873)	<5	2	<1	0.08	3	2	0.46	1010	2.6	<0.01	45.4	862	53.2	13
E5697696 (5007874)	<5	<1	<1	0.05	29	3	0.30	702	3.6	0.01	59.1	1050	44.3	<10
E5697697 (5007875)	<5	<1	<1	0.03	6	4	0.27	125	2.1	<0.01	23.8	211	17.8	<10
E5697698 (5007876)	<5	<1	<1	0.04	5	4	0.56	127	1.4	0.01	42.4	156	21.9	<10
E5697699 (5007877)	11	2	2	0.06	24	11	0.38	3660	2.2	<0.01	171	1080	43.9	14
E5697700 (5007878)	10	2	2	0.08	10	9	0.64	1770	2.4	0.01	57.3	580	24.3	13
E5697701 (5007879)	9	5	<1	0.06	11	11	0.68	1810	1.4	0.01	43.5	615	21.4	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013							DATE REPORTED: Dec 12, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
E5697702 (5007880)	<5	<1	<1	0.02	46	<1	0.27	447	3.6	<0.01	72.2	1310	36.5	<10	
E5697703 (5007881)	<5	<1	2	0.08	7	6	0.34	283	2.9	<0.01	42.9	616	37.2	13	
E5697704 (5007882)	11	<1	2	0.08	7	6	0.52	3570	2.8	0.01	36.5	544	30.7	20	
E5697705 (5007883)	<5	<1	<1	0.04	18	7	0.44	648	2.9	<0.01	70.1	874	33.4	13	
E5697706 (5007884)	<5	<1	<1	0.05	7	5	0.26	327	1.7	<0.01	31.6	396	19.1	<10	
E5697707 (5007885)	<5	1	<1	0.06	7	7	0.32	469	1.7	<0.01	37.6	651	26.0	10	
E5697708 (5007886)	<5	<1	<1	0.06	9	7	0.40	739	2.6	<0.01	53.7	720	34.0	11	
E5697709 (5007887)	<5	1	<1	0.06	11	6	0.32	235	1.7	<0.01	44.6	481	28.0	11	
E5697710 (5007888)	9	2	2	0.07	11	8	0.59	1100	2.3	<0.01	72.6	931	40.2	20	
E5697711 (5007889)	<5	4	<1	0.06	3	5	0.36	175	2.2	<0.01	37.9	589	20.8	11	
E5697712 (5007890)	10	3	3	0.08	5	11	1.10	600	1.4	0.01	64.6	442	29.4	27	
E5697713 (5007891)	<5	<1	<1	0.12	3	4	0.35	1280	2.7	<0.01	35.7	887	96.9	16	
E5697714 (5007892)	<5	2	<1	0.03	5	7	0.39	161	1.2	0.02	21.2	244	4.7	<10	
E5697715 (5007893)	<5	<1	<1	0.02	7	4	0.19	73	1.2	0.01	17.2	301	5.0	<10	
E5697716 (5007894)	5	<1	<1	0.03	6	7	0.51	366	1.5	0.02	43.0	227	13.2	<10	
E5697717 (5007895)	<5	<1	<1	0.05	7	4	0.24	119	1.9	0.01	40.1	633	23.5	<10	
E5697718 (5007897)	<5	<1	<1	0.02	6	4	0.17	59	1.2	<0.01	17.5	129	10.3	<10	
E5697719 (5007898)	7	1	3	0.08	9	7	0.71	1340	1.3	0.01	61.9	377	18.0	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697542 (5007716)	0.766	<1	3.3	12	11	299	<10	<10	<5	<0.01	<5	<5	18.5	<1	
E5697543 (5007717)	0.296	2	2.4	<10	<5	86.7	<10	<10	<5	0.03	<5	<5	35.6	<1	
E5697544 (5007718)	0.555	4	0.8	<10	7	80.5	<10	<10	<5	<0.01	<5	<5	8.6	<1	
E5697545 (5007719)	0.419	<1	<0.5	<10	13	57.4	<10	<10	<5	<0.01	5	<5	6.7	<1	
E5697546 (5007720)	0.350	<1	<0.5	<10	9	48.4	<10	<10	<5	<0.01	<5	<5	5.7	<1	
E5697547 (5007722)	0.324	<1	<0.5	11	11	57.3	<10	<10	<5	<0.01	<5	<5	6.4	<1	
E5697548 (5007723)	0.378	<1	<0.5	<10	13	61.6	<10	<10	<5	<0.01	10	<5	6.7	<1	
E5697549 (5007724)	0.686	<1	0.6	17	18	66.6	<10	<10	<5	<0.01	<5	<5	7.2	<1	
E5697550 (5007725)	0.556	<1	1.5	<10	10	50.0	<10	<10	<5	<0.01	<5	<5	6.8	<1	
E5697551 (5007726)	0.073	<1	1.4	14	5	34.4	<10	<10	<5	0.06	<5	<5	34.8	<1	
E5697552 (5007727)	0.072	<1	7.4	<10	8	21.8	<10	<10	5	0.11	<5	<5	66.9	<1	
E5697553 (5007728)	0.032	<1	<0.5	<10	<5	7.8	<10	<10	<5	0.02	<5	<5	7.2	<1	
E5697554 (5007729)	0.463	<1	<0.5	<10	13	54.8	<10	<10	<5	<0.01	5	<5	7.0	<1	
E5697555 (5007730)	0.521	<1	0.5	<10	12	63.5	<10	<10	<5	<0.01	<5	<5	7.1	<1	
E5697556 (5007731)	0.472	<1	<0.5	11	15	62.1	<10	<10	<5	<0.01	8	<5	6.7	<1	
E5697557 (5007732)	0.391	<1	<0.5	<10	11	60.8	<10	<10	<5	<0.01	7	<5	5.9	<1	
E5697558 (5007733)	0.617	<1	0.7	20	11	47.3	<10	<10	<5	<0.01	9	<5	6.0	<1	
E5697559 (5007734)	0.673	<1	1.3	<10	7	35.4	<10	<10	<5	<0.01	5	<5	10.8	<1	
E5697560 (5007735)	0.013	<1	1.0	<10	<5	8.1	<10	<10	<5	0.07	12	<5	54.6	<1	
E5697561 (5007736)	0.083	<1	<0.5	<10	<5	21.6	<10	<10	<5	<0.01	<5	<5	4.8	1	
E5697562 (5007737)	0.486	<1	<0.5	<10	10	87.7	<10	<10	<5	<0.01	7	<5	7.5	<1	
E5697563 (5007738)	0.427	<1	<0.5	<10	14	65.8	<10	<10	<5	<0.01	<5	<5	6.8	<1	
E5697564 (5007739)	0.497	<1	<0.5	<10	18	79.8	<10	<10	<5	<0.01	10	<5	7.6	<1	
E5697565 (5007740)	0.310	<1	1.0	<10	12	58.8	<10	<10	<5	<0.01	<5	<5	5.7	<1	
E5697566 (5007741)	0.321	<1	<0.5	12	13	62.2	<10	<10	<5	<0.01	<5	<5	5.4	<1	
E5697567 (5007742)	0.627	<1	0.7	<10	12	56.0	<10	<10	<5	<0.01	<5	<5	6.7	<1	
E5697568 (5007743)	0.580	3	3.2	<10	10	42.7	<10	<10	<5	0.01	<5	<5	13.0	<1	
E5697569 (5007744)	0.018	<1	3.6	16	<5	8.1	<10	<10	<5	0.03	<5	<5	62.8	<1	
E5697570 (5007745)	0.017	<1	1.7	<10	<5	15.5	<10	<10	<5	0.10	<5	<5	52.3	<1	
E5697571 (5007746)	0.484	<1	<0.5	10	11	79.8	<10	<10	<5	<0.01	9	<5	7.3	<1	
E5697572 (5007747)	0.458	<1	0.5	18	12	62.2	<10	<10	<5	<0.01	<5	<5	7.2	<1	
E5697573 (5007748)	0.699	<1	0.6	11	13	68.8	<10	<10	<5	<0.01	6	<5	7.0	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474

PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 12, 2013	SAMPLE TYPE: Soil											
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5697574 (5007749)	0.562	<1	<0.5	<10	12	64.2	<10	<10	<5	<0.01	6	<5	6.5	<1
E5697575 (5007750)	0.664	<1	0.6	<10	19	68.8	<10	<10	<5	<0.01	6	<5	7.4	<1
E5697576 (5007751)	0.671	<1	1.0	10	17	63.2	<10	<10	<5	<0.01	<5	<5	6.9	<1
E5697577 (5007752)	0.393	<1	1.8	10	9	50.0	<10	<10	<5	<0.01	7	<5	9.6	<1
E5697578 (5007753)	0.012	<1	0.7	<10	<5	30.7	<10	<10	<5	0.02	<5	<5	8.5	<1
E5697579 (5007754)	0.406	<1	0.9	<10	12	116	<10	<10	<5	<0.01	<5	<5	7.8	<1
E5697580 (5007755)	0.721	<1	<0.5	<10	15	105	<10	<10	<5	<0.01	13	<5	7.4	<1
E5697581 (5007756)	0.669	<1	<0.5	21	13	66.6	<10	<10	<5	<0.01	<5	<5	6.9	<1
E5697582 (5007757)	0.714	<1	0.8	<10	14	71.4	<10	<10	<5	<0.01	<5	<5	8.1	<1
E5697583 (5007758)	0.622	<1	1.3	<10	16	66.0	<10	<10	<5	<0.01	6	<5	8.7	<1
E5697584 (5007759)	0.582	<1	0.9	11	17	74.6	<10	<10	<5	<0.01	<5	<5	11.2	<1
E5697585 (5007760)	0.582	<1	1.8	<10	15	62.5	<10	<10	<5	<0.01	<5	<5	7.6	<1
E5697586 (5007761)	0.033	<1	0.9	<10	<5	12.2	<10	<10	<5	0.05	<5	<5	17.7	<1
E5697587 (5007762)	0.046	<1	2.0	<10	<5	26.1	<10	<10	<5	0.01	<5	<5	34.9	<1
E5697588 (5007763)	0.366	<1	1.3	12	7	171	<10	<10	<5	<0.01	12	<5	19.9	<1
E5697589 (5007764)	0.795	<1	1.0	13	12	90.1	<10	<10	<5	<0.01	7	<5	8.8	<1
E5697590 (5007765)	0.474	<1	<0.5	14	13	77.7	<10	<10	<5	<0.01	<5	<5	7.1	<1
E5697591 (5007766)	0.921	<1	1.5	12	14	67.9	<10	<10	<5	<0.01	6	<5	11.2	<1
E5697592 (5007767)	0.968	<1	1.0	15	14	65.4	<10	<10	<5	<0.01	<5	<5	8.9	<1
E5697593 (5007768)	0.571	<1	1.5	10	19	77.2	<10	<10	<5	<0.01	<5	<5	15.4	<1
E5697594 (5007769)	0.178	3	16.9	<10	13	48.0	<10	<10	<5	0.10	<5	7	78.0	2
E5697595 (5007770)	0.162	<1	16.7	<10	10	44.2	<10	<10	<5	0.05	<5	6	50.3	<1
E5697596 (5007771)	0.045	<1	2.6	<10	6	7.4	<10	<10	<5	0.11	<5	<5	63.7	<1
E5697597 (5007772)	0.032	<1	1.0	<10	7	5.9	<10	<10	<5	0.14	<5	<5	59.7	<1
E5697598 (5007773)	0.914	<1	3.2	17	11	92.8	<10	<10	<5	<0.01	<5	<5	26.3	<1
E5697599 (5007774)	0.017	<1	1.2	<10	8	6.7	<10	<10	<5	0.16	<5	<5	77.7	<1
E5697600 (5007775)	0.351	<1	5.8	<10	22	94.1	<10	<10	<5	0.02	<5	6	48.4	<1
E5697601 (5007776)	0.020	<1	1.6	<10	7	12.1	<10	<10	<5	0.11	<5	<5	46.8	<1
E5697602 (5007777)	0.114	<1	4.8	<10	9	46.4	<10	<10	<5	0.05	<5	6	59.2	<1
E5697603 (5007778)	0.024	<1	3.2	<10	9	15.4	<10	<10	<5	0.16	<5	<5	86.1	<1
E5697604 (5007779)	0.040	<1	1.6	<10	<5	11.3	<10	<10	<5	0.05	<5	<5	26.0	<1
E5697605 (5007780)	0.045	<1	4.2	10	10	35.8	<10	<10	<5	0.15	<5	<5	48.5	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697606 (5007781)	0.221	<1	1.6	13	15	140	<10	<10	<5	0.01	<5	<5	16.4	<1	
E5697607 (5007782)	0.012	<1	10.9	17	11	10.1	<10	<10	<5	0.19	<5	<5	214	2	
E5697608 (5007783)	0.395	<1	5.3	<10	19	78.8	<10	<10	<5	0.01	10	7	32.4	<1	
E5697609 (5007784)	0.083	<1	10.7	11	14	39.0	<10	<10	<5	0.16	<5	<5	96.5	<1	
E5697610 (5007785)	0.178	<1	5.1	<10	12	57.8	<10	<10	<5	0.02	<5	<5	67.6	<1	
E5697611 (5007786)	0.169	<1	3.9	10	13	40.2	<10	<10	<5	0.03	<5	<5	40.0	<1	
E5697612 (5007788)	0.020	<1	1.8	<10	8	7.5	<10	<10	<5	0.17	6	<5	119	<1	
E5697613 (5007789)	0.020	<1	0.7	<10	<5	22.5	<10	<10	<5	0.03	<5	<5	12.5	<1	
E5697614 (5007790)	0.014	<1	1.1	11	6	15.8	<10	<10	<5	0.08	<5	<5	21.1	<1	
E5697615 (5007791)	0.214	<1	2.1	<10	11	60.3	<10	<10	<5	0.01	<5	<5	15.1	<1	
E5697616 (5007792)	0.196	<1	1.4	<10	10	51.2	<10	<10	<5	0.01	7	<5	26.7	<1	
E5697617 (5007793)	0.034	<1	4.3	<10	13	24.5	<10	<10	<5	0.17	<5	<5	61.2	<1	
E5697618 (5007794)	0.140	<1	0.6	16	6	34.6	<10	<10	<5	0.02	<5	<5	10.8	<1	
E5697619 (5007795)	0.127	<1	<0.5	<10	<5	28.3	<10	<10	<5	0.01	<5	<5	8.3	<1	
E5697620 (5007796)	0.012	<1	6.4	<10	26	37.6	<10	<10	<5	0.48	<5	<5	110	<1	
E5697621 (5007797)	0.345	<1	12.1	16	7	138	<10	<10	<5	0.02	<5	<5	24.1	<1	
E5697622 (5007798)	0.009	<1	4.7	15	<5	10.3	<10	<10	<5	0.07	<5	<5	109	<1	
E5697623 (5007799)	0.024	<1	20.4	<10	7	9.8	<10	<10	<5	0.12	<5	<5	220	<1	
E5697624 (5007800)	0.109	<1	7.1	17	7	28.9	<10	<10	<5	0.10	<5	<5	104	<1	
E5697625 (5007801)	0.080	<1	8.2	<10	14	30.8	<10	<10	<5	0.17	<5	<5	84.2	<1	
E5697626 (5007802)	0.134	<1	0.7	<10	<5	18.1	<10	<10	<5	0.02	<5	<5	15.0	<1	
E5697627 (5007803)	0.032	<1	23.9	<10	18	17.5	<10	<10	<5	0.34	6	<5	195	<1	
E5697628 (5007804)	0.007	<1	1.9	<10	<5	8.4	<10	<10	<5	0.07	<5	<5	26.3	<1	
E5697629 (5007805)	0.056	<1	1.6	<10	<5	19.8	<10	<10	<5	0.08	<5	<5	38.6	<1	
E5697630 (5007806)	0.105	<1	5.6	17	5	43.9	<10	<10	<5	0.02	<5	<5	15.0	<1	
E5697631 (5007807)	0.160	<1	<0.5	<10	<5	19.8	<10	<10	<5	<0.01	6	<5	5.9	<1	
E5697632 (5007808)	0.064	<1	0.8	<10	<5	16.0	<10	<10	<5	0.05	13	<5	26.7	<1	
E5697633 (5007810)	0.054	<1	5.8	12	14	24.4	<10	<10	<5	0.19	<5	<5	108	<1	
E5697634 (5007811)	0.074	<1	4.1	13	8	19.7	<10	<10	<5	0.11	6	<5	74.3	<1	
E5697635 (5007812)	0.122	<1	3.1	<10	10	18.9	<10	<10	<5	0.13	<5	<5	53.3	<1	
E5697636 (5007813)	0.023	<1	2.4	<10	6	17.0	<10	<10	<5	0.09	10	<5	43.6	<1	
E5697637 (5007814)	0.105	<1	1.6	<10	<5	31.6	<10	<10	<5	0.04	<5	<5	26.9	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 12, 2013	SAMPLE TYPE: Soil												
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697638 (5007815)	0.035	<1	3.1	<10	6	13.8	<10	<10	<5	0.11	<5	<5	67.9	2	
E5697639 (5007816)	0.112	<1	3.0	14	9	44.1	<10	<10	<5	0.08	5	<5	51.0	<1	
E5697640 (5007817)	0.261	<1	5.5	<10	12	102	<10	<10	<5	0.02	<5	<5	25.0	<1	
E5697641 (5007818)	0.191	<1	2.0	15	8	42.0	<10	<10	<5	0.02	<5	<5	24.5	<1	
E5697642 (5007819)	0.165	<1	1.0	12	8	45.0	<10	<10	<5	<0.01	<5	<5	12.1	<1	
E5697643 (5007820)	0.114	<1	3.0	<10	8	33.2	<10	<10	<5	0.06	<5	6	44.6	<1	
E5697644 (5007821)	0.043	<1	1.2	15	7	20.7	<10	<10	<5	0.09	<5	<5	42.8	<1	
E5697645 (5007822)	0.051	<1	2.0	<10	<5	24.2	<10	<10	<5	0.06	5	<5	44.9	<1	
E5697646 (5007823)	0.042	<1	1.5	13	6	15.8	<10	<10	<5	0.08	<5	<5	41.1	<1	
E5697647 (5007824)	0.048	<1	0.9	<10	<5	17.3	<10	<10	<5	0.03	<5	<5	19.0	<1	
E5697648 (5007825)	0.024	<1	6.1	11	9	12.2	<10	<10	<5	0.18	<5	<5	167	<1	
E5697649 (5007826)	0.020	<1	3.2	<10	6	13.6	<10	<10	<5	0.08	<5	<5	56.6	<1	
E5697650 (5007827)	0.103	<1	10.2	25	7	63.9	<10	<10	<5	0.08	<5	<5	66.0	<1	
E5697651 (5007828)	0.005	<1	2.3	<10	<5	12.7	<10	<10	<5	0.07	11	<5	25.2	<1	
E5697652 (5007829)	0.075	<1	2.1	<10	7	21.1	<10	<10	<5	0.07	<5	<5	43.7	16	
E5697653 (5007830)	0.073	<1	2.5	14	5	22.4	<10	<10	<5	0.06	13	<5	43.2	<1	
E5697654 (5007831)	0.014	<1	3.8	14	10	11.7	<10	<10	<5	0.17	<5	<5	76.1	<1	
E5697655 (5007832)	0.074	<1	1.5	13	9	19.4	<10	<10	<5	0.11	8	<5	56.6	<1	
E5697656 (5007834)	0.035	<1	2.2	18	6	14.5	<10	<10	<5	0.15	<5	<5	78.4	<1	
E5697657 (5007835)	0.056	<1	6.4	<10	12	21.4	<10	<10	<5	0.14	16	<5	73.0	<1	
E5697658 (5007836)	0.058	<1	6.6	17	7	36.6	<10	<10	<5	0.10	<5	<5	67.9	<1	
E5697659 (5007837)	0.048	<1	3.5	13	9	21.7	<10	<10	<5	0.14	<5	<5	80.4	<1	
E5697660 (5007838)	0.053	<1	3.0	11	15	25.5	<10	<10	<5	0.07	<5	<5	35.3	<1	
E5697661 (5007839)	0.024	<1	4.3	<10	10	16.9	<10	<10	<5	0.15	<5	<5	89.8	<1	
E5697662 (5007840)	0.010	<1	1.8	<10	6	9.4	<10	<10	<5	0.11	<5	<5	35.1	<1	
E5697663 (5007841)	0.031	<1	4.3	<10	8	12.3	<10	<10	<5	0.16	7	<5	93.3	<1	
E5697664 (5007842)	0.014	<1	1.0	<10	<5	9.9	<10	<10	<5	0.07	7	<5	27.7	<1	
E5697665 (5007843)	0.009	<1	1.3	<10	<5	8.3	<10	<10	<5	0.08	<5	<5	29.2	<1	
E5697666 (5007844)	0.048	<1	1.8	<10	7	19.7	<10	<10	<5	0.05	7	<5	27.3	<1	
E5697667 (5007845)	0.412	<1	4.7	<10	<5	20.1	<10	<10	5	0.05	<5	<5	44.7	<1	
E5697668 (5007846)	0.085	<1	0.7	<10	<5	17.1	<10	<10	<5	0.03	<5	<5	17.4	<1	
E5697669 (5007847)	0.016	<1	1.7	11	5	10.3	<10	<10	<5	0.11	<5	<5	46.9	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697670 (5007848)	0.027	<1	2.1	<10	<5	13.2	<10	<10	<5	0.10	15	<5	59.5	<1	
E5697671 (5007849)	0.048	<1	3.1	<10	5	20.7	<10	<10	<5	0.06	13	8	66.6	<1	
E5697672 (5007850)	0.039	<1	2.4	<10	6	16.6	<10	<10	<5	0.07	5	7	45.9	<1	
E5697673 (5007851)	0.049	<1	4.0	<10	9	21.6	<10	<10	<5	0.13	<5	<5	82.5	<1	
E5697674 (5007852)	0.020	<1	2.9	<10	10	15.0	<10	<10	<5	0.16	22	<5	87.6	<1	
E5697675 (5007853)	0.044	2	4.2	<10	5	19.3	<10	<10	<5	0.05	18	<5	74.3	<1	
E5697676 (5007854)	0.030	<1	1.9	<10	9	16.5	<10	<10	<5	0.14	23	<5	59.8	<1	
E5697677 (5007855)	0.019	<1	5.4	<10	12	16.1	<10	<10	<5	0.20	20	<5	105	<1	
E5697678 (5007856)	0.014	<1	1.9	<10	<5	12.9	<10	<10	<5	0.11	20	<5	37.5	<1	
E5697679 (5007857)	0.026	<1	2.0	<10	7	10.0	<10	<10	<5	0.12	17	<5	58.4	<1	
E5697680 (5007858)	0.072	3	2.5	<10	9	23.4	<10	<10	<5	0.13	<5	<5	61.4	<1	
E5697681 (5007859)	0.023	3	2.3	<10	7	10.6	<10	<10	<5	0.14	14	<5	87.6	<1	
E5697682 (5007860)	0.010	3	2.5	<10	8	9.7	<10	<10	<5	0.14	13	<5	91.0	<1	
E5697683 (5007861)	0.015	<1	1.6	<10	6	10.0	<10	<10	<5	0.09	23	<5	49.7	<1	
E5697684 (5007862)	0.055	<1	4.8	<10	8	22.8	<10	<10	<5	0.15	22	<5	94.5	<1	
E5697685 (5007863)	0.035	1	4.5	<10	10	19.3	<10	<10	<5	0.16	18	<5	86.9	<1	
E5697686 (5007864)	0.080	<1	2.2	<10	8	17.8	<10	<10	<5	0.12	11	<5	62.3	<1	
E5697687 (5007865)	0.156	2	3.7	<10	8	43.7	<10	<10	<5	0.03	<5	<5	26.8	<1	
E5697688 (5007866)	0.065	3	4.1	<10	7	20.9	<10	<10	<5	0.09	26	<5	49.0	<1	
E5697689 (5007867)	0.111	3	2.7	<10	7	28.2	<10	<10	<5	0.04	11	<5	31.8	<1	
E5697690 (5007868)	0.110	1	1.1	<10	<5	28.7	<10	<10	<5	0.05	<5	<5	39.2	<1	
E5697691 (5007869)	0.023	<1	1.4	<10	<5	15.2	<10	<10	<5	0.06	19	<5	32.2	<1	
E5697692 (5007870)	0.023	<1	4.7	<10	12	12.9	<10	<10	<5	0.24	28	<5	108	<1	
E5697693 (5007871)	0.184	3	6.3	<10	11	76.6	<10	<10	<5	0.02	29	7	33.4	<1	
E5697694 (5007872)	0.030	1	4.3	<10	13	13.1	<10	<10	<5	0.21	20	<5	103	<1	
E5697695 (5007873)	0.162	1	2.2	<10	9	48.1	<10	<10	<5	0.03	18	<5	32.3	<1	
E5697696 (5007874)	0.149	<1	2.2	<10	6	48.4	<10	<10	<5	0.01	20	<5	20.3	<1	
E5697697 (5007875)	0.046	<1	1.5	<10	7	19.6	<10	<10	<5	0.06	<5	<5	26.1	<1	
E5697698 (5007876)	0.023	2	2.1	<10	6	11.9	<10	<10	<5	0.07	10	<5	38.3	<1	
E5697699 (5007877)	0.096	2	3.7	<10	5	25.8	<10	<10	<5	0.06	22	7	53.0	<1	
E5697700 (5007878)	0.040	<1	2.7	<10	7	16.1	<10	<10	<5	0.11	20	<5	58.8	<1	
E5697701 (5007879)	0.032	1	3.3	16	8	15.1	<10	<10	<5	0.14	9	<5	71.1	<1	

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## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 12, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5697702 (5007880)	0.419	5	5.0	<10	10	62.9	<10	<10	<5	<0.01	18	<5	19.3	<1	
E5697703 (5007881)	0.111	<1	1.8	<10	6	24.7	<10	<10	<5	0.06	6	<5	38.7	<1	
E5697704 (5007882)	0.052	<1	3.1	<10	13	26.9	<10	<10	<5	0.17	<5	6	81.6	<1	
E5697705 (5007883)	0.151	2	2.2	<10	11	45.2	<10	<10	<5	0.04	7	<5	26.6	<1	
E5697706 (5007884)	0.055	<1	1.4	<10	<5	18.1	<10	<10	<5	0.04	7	<5	25.9	<1	
E5697707 (5007885)	0.088	<1	1.4	<10	5	27.4	<10	<10	<5	0.04	27	<5	22.6	<1	
E5697708 (5007886)	0.080	<1	1.8	<10	6	33.6	<10	<10	<5	0.06	9	<5	35.9	<1	
E5697709 (5007887)	0.037	<1	1.8	<10	<5	23.2	<10	<10	<5	0.05	9	<5	31.1	<1	
E5697710 (5007888)	0.070	4	2.1	<10	7	25.1	<10	<10	<5	0.08	50	<5	61.3	<1	
E5697711 (5007889)	0.127	<1	1.5	<10	7	23.9	<10	<10	<5	0.05	12	<5	33.9	<1	
E5697712 (5007890)	0.038	<1	5.0	<10	13	20.0	<10	<10	<5	0.19	23	<5	100	<1	
E5697713 (5007891)	0.166	3	2.5	<10	9	40.7	<10	<10	<5	0.05	<5	<5	41.5	<1	
E5697714 (5007892)	0.007	<1	2.1	<10	<5	11.7	<10	<10	<5	0.07	16	<5	30.4	<1	
E5697715 (5007893)	0.012	<1	1.4	<10	<5	12.0	<10	<10	<5	0.06	<5	<5	17.8	<1	
E5697716 (5007894)	0.029	2	2.6	<10	7	17.0	<10	<10	<5	0.10	15	<5	45.3	<1	
E5697717 (5007895)	0.076	<1	1.5	<10	<5	20.1	<10	<10	<5	0.05	10	<5	23.0	<1	
E5697718 (5007897)	0.011	<1	1.2	<10	<5	10.0	<10	<10	<5	0.08	7	<5	21.1	<1	
E5697719 (5007898)	0.025	<1	2.4	<10	7	15.3	<10	<10	<5	0.10	16	<5	52.1	<1	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013      DATE RECEIVED: Nov 29, 2013      DATE REPORTED: Dec 12, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697542 (5007716)		5	23.4	<5
E5697543 (5007717)		5	27.1	<5
E5697544 (5007718)		2	9.9	<5
E5697545 (5007719)		<1	24.3	<5
E5697546 (5007720)		<1	16.4	<5
E5697547 (5007722)		<1	14.5	<5
E5697548 (5007723)		<1	11.0	<5
E5697549 (5007724)		1	17.3	<5
E5697550 (5007725)		4	17.3	<5
E5697551 (5007726)		2	25.8	<5
E5697552 (5007727)		10	64.3	8
E5697553 (5007728)		1	20.8	<5
E5697554 (5007729)		<1	24.3	<5
E5697555 (5007730)		<1	14.3	<5
E5697556 (5007731)		<1	5.6	<5
E5697557 (5007732)		<1	14.9	<5
E5697558 (5007733)		2	18.2	<5
E5697559 (5007734)		4	31.7	<5
E5697560 (5007735)		1	20.2	<5
E5697561 (5007736)		2	21.4	<5
E5697562 (5007737)		1	28.8	<5
E5697563 (5007738)		1	9.3	<5
E5697564 (5007739)		1	25.0	<5
E5697565 (5007740)		<1	5.7	5
E5697566 (5007741)		<1	10.3	<5
E5697567 (5007742)		2	19.5	<5
E5697568 (5007743)		7	21.9	<5
E5697569 (5007744)		1	56.1	<5
E5697570 (5007745)		2	19.5	<5
E5697571 (5007746)		<1	8.3	<5
E5697572 (5007747)		<1	12.8	<5
E5697573 (5007748)		2	8.4	<5

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 12, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697574 (5007749)	<1	17.9	<5	
E5697575 (5007750)	1	14.4	<5	
E5697576 (5007751)	2	32.8	<5	
E5697577 (5007752)	7	20.4	<5	
E5697578 (5007753)	1	6.0	<5	
E5697579 (5007754)	<1	17.4	<5	
E5697580 (5007755)	2	11.3	<5	
E5697581 (5007756)	1	19.1	<5	
E5697582 (5007757)	3	8.9	<5	
E5697583 (5007758)	2	25.5	<5	
E5697584 (5007759)	3	32.0	<5	
E5697585 (5007760)	5	18.1	<5	
E5697586 (5007761)	2	38.4	<5	
E5697587 (5007762)	2	42.1	<5	
E5697588 (5007763)	3	57.9	<5	
E5697589 (5007764)	4	10.5	<5	
E5697590 (5007765)	<1	8.7	<5	
E5697591 (5007766)	5	12.9	<5	
E5697592 (5007767)	3	32.3	<5	
E5697593 (5007768)	5	9.9	<5	
E5697594 (5007769)	33	38.7	<5	
E5697595 (5007770)	33	19.6	<5	
E5697596 (5007771)	2	25.2	<5	
E5697597 (5007772)	2	14.4	<5	
E5697598 (5007773)	10	11.5	<5	
E5697599 (5007774)	2	17.1	<5	
E5697600 (5007775)	29	17.8	<5	
E5697601 (5007776)	2	19.4	<5	
E5697602 (5007777)	18	92.9	<5	
E5697603 (5007778)	2	45.1	<5	
E5697604 (5007779)	2	21.3	<5	
E5697605 (5007780)	5	30.5	<5	

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DATE SAMPLED: Nov 29, 2013      DATE RECEIVED: Nov 29, 2013      DATE REPORTED: Dec 12, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697606 (5007781)		4	14.4	<5
E5697607 (5007782)		1	52.2	<5
E5697608 (5007783)		35	11.8	<5
E5697609 (5007784)		21	80.3	<5
E5697610 (5007785)		10	48.5	<5
E5697611 (5007786)		9	101	<5
E5697612 (5007788)		2	37.5	<5
E5697613 (5007789)		1	6.7	<5
E5697614 (5007790)		3	14.5	<5
E5697615 (5007791)		8	29.5	<5
E5697616 (5007792)		2	22.2	<5
E5697617 (5007793)		5	51.1	<5
E5697618 (5007794)		1	118	<5
E5697619 (5007795)		1	88.8	<5
E5697620 (5007796)		5	57.0	19
E5697621 (5007797)		37	12.3	6
E5697622 (5007798)		1	14.2	<5
E5697623 (5007799)		4	70.3	<5
E5697624 (5007800)		10	70.6	<5
E5697625 (5007801)		17	59.4	<5
E5697626 (5007802)		<1	106	<5
E5697627 (5007803)		4	62.0	22
E5697628 (5007804)		2	14.4	<5
E5697629 (5007805)		2	30.0	<5
E5697630 (5007806)		18	21.0	<5
E5697631 (5007807)		<1	68.0	<5
E5697632 (5007808)		1	39.6	<5
E5697633 (5007810)		5	128	<5
E5697634 (5007811)		3	94.7	<5
E5697635 (5007812)		3	106	<5
E5697636 (5007813)		3	32.5	<5
E5697637 (5007814)		3	57.8	<5

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## Certificate of Analysis

AGAT WORK ORDER: 13U788474  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013      DATE RECEIVED: Nov 29, 2013      DATE REPORTED: Dec 12, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697638 (5007815)		3	59.9	<5
E5697639 (5007816)		5	59.3	<5
E5697640 (5007817)		17	24.2	<5
E5697641 (5007818)		5	45.5	<5
E5697642 (5007819)		8	53.8	<5
E5697643 (5007820)		11	46.1	<5
E5697644 (5007821)		4	42.1	<5
E5697645 (5007822)		5	49.0	<5
E5697646 (5007823)		3	56.8	<5
E5697647 (5007824)		2	56.0	<5
E5697648 (5007825)		3	51.5	<5
E5697649 (5007826)		2	26.5	<5
E5697650 (5007827)		16	53.0	<5
E5697651 (5007828)		5	13.5	<5
E5697652 (5007829)		5	53.7	<5
E5697653 (5007830)		8	34.5	<5
E5697654 (5007831)		3	30.2	<5
E5697655 (5007832)		3	64.0	<5
E5697656 (5007834)		3	46.5	<5
E5697657 (5007835)		10	46.7	<5
E5697658 (5007836)		11	48.5	<5
E5697659 (5007837)		6	75.1	<5
E5697660 (5007838)		7	21.7	<5
E5697661 (5007839)		4	47.1	<5
E5697662 (5007840)		2	33.9	<5
E5697663 (5007841)		3	46.6	<5
E5697664 (5007842)		3	18.5	<5
E5697665 (5007843)		2	13.5	<5
E5697666 (5007844)		3	34.8	<5
E5697667 (5007845)		4	51.9	10
E5697668 (5007846)		1	60.7	<5
E5697669 (5007847)		2	18.9	<5

Certified By:





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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 12, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697670 (5007848)	3	35.0	<5	
E5697671 (5007849)	7	40.4	<5	
E5697672 (5007850)	7	51.0	<5	
E5697673 (5007851)	4	131	<5	
E5697674 (5007852)	3	85.5	<5	
E5697675 (5007853)	3	49.5	<5	
E5697676 (5007854)	3	22.1	<5	
E5697677 (5007855)	4	49.0	<5	
E5697678 (5007856)	3	21.6	<5	
E5697679 (5007857)	3	38.9	<5	
E5697680 (5007858)	3	113	<5	
E5697681 (5007859)	2	98.2	<5	
E5697682 (5007860)	2	49.4	<5	
E5697683 (5007861)	2	22.2	<5	
E5697684 (5007862)	4	52.2	<5	
E5697685 (5007863)	6	57.8	<5	
E5697686 (5007864)	2	74.3	<5	
E5697687 (5007865)	11	33.7	<5	
E5697688 (5007866)	8	52.2	<5	
E5697689 (5007867)	7	50.6	<5	
E5697690 (5007868)	1	75.3	<5	
E5697691 (5007869)	3	28.8	<5	
E5697692 (5007870)	4	58.6	<5	
E5697693 (5007871)	33	32.1	<5	
E5697694 (5007872)	3	56.6	<5	
E5697695 (5007873)	1	343	<5	
E5697696 (5007874)	14	38.8	<5	
E5697697 (5007875)	3	20.9	<5	
E5697698 (5007876)	2	22.5	<5	
E5697699 (5007877)	13	69.8	<5	
E5697700 (5007878)	6	45.3	<5	
E5697701 (5007879)	3	69.9	<5	

Certified By:



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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 12, 2013	SAMPLE TYPE: Soil
Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
RDL:	1	0.5	5
Sample ID (AGAT ID)			
E5697702 (5007880)	18	31.9	<5
E5697703 (5007881)	3	51.1	<5
E5697704 (5007882)	3	218	<5
E5697705 (5007883)	8	35.9	<5
E5697706 (5007884)	3	26.3	<5
E5697707 (5007885)	3	54.0	<5
E5697708 (5007886)	4	62.0	<5
E5697709 (5007887)	4	38.2	<5
E5697710 (5007888)	6	66.8	<5
E5697711 (5007889)	2	27.5	<5
E5697712 (5007890)	4	90.7	<5
E5697713 (5007891)	4	211	<5
E5697714 (5007892)	3	17.9	<5
E5697715 (5007893)	3	10.8	<5
E5697716 (5007894)	3	27.7	<5
E5697717 (5007895)	3	28.9	<5
E5697718 (5007897)	2	10.6	<5
E5697719 (5007898)	3	40.5	<5

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

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PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 12, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5697542 (5007716)		0.17	0.039
E5697543 (5007717)		0.23	0.021
E5697544 (5007718)		0.16	0.011
E5697545 (5007719)		0.21	0.026
E5697546 (5007720)		0.20	0.010
E5697547 (5007722)		0.21	0.016
E5697548 (5007723)		0.24	0.005
E5697549 (5007724)		0.14	0.008
E5697550 (5007725)		0.21	0.008
E5697551 (5007726)		0.09	0.016
E5697552 (5007727)		0.15	0.075
E5697553 (5007728)		0.20	0.067
E5697554 (5007729)		0.22	0.010
E5697555 (5007730)		0.19	0.018
E5697556 (5007731)		0.23	0.008
E5697557 (5007732)		0.23	0.014
E5697558 (5007733)		0.28	0.008
E5697559 (5007734)		0.20	0.007
E5697560 (5007735)		0.39	0.012
E5697561 (5007736)		0.09	0.078
E5697562 (5007737)		0.14	0.013
E5697563 (5007738)		0.18	0.006
E5697564 (5007739)		0.23	0.006
E5697565 (5007740)		0.13	0.005
E5697566 (5007741)		0.15	0.008
E5697567 (5007742)		0.11	0.017
E5697568 (5007743)		0.20	0.072
E5697569 (5007744)		0.20	0.051
E5697570 (5007745)		0.31	0.006
E5697571 (5007746)		0.21	0.022
E5697572 (5007747)		0.22	0.004

Certified By:



## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 12, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697573 (5007748)		0.27	0.010
E5697574 (5007749)		0.18	0.013
E5697575 (5007750)		0.25	0.007
E5697576 (5007751)		0.20	0.005
E5697577 (5007752)		0.29	0.008
E5697578 (5007753)		0.36	<0.001
E5697579 (5007754)		0.25	0.009
E5697580 (5007755)		0.18	0.005
E5697581 (5007756)		0.29	0.030
E5697582 (5007757)		0.24	0.005
E5697583 (5007758)		0.16	0.004
E5697584 (5007759)		0.18	0.003
E5697585 (5007760)		0.19	0.005
E5697586 (5007761)		0.20	0.007
E5697587 (5007762)		0.16	0.008
E5697588 (5007763)		0.14	0.026
E5697589 (5007764)		0.15	0.010
E5697590 (5007765)		0.21	0.003
E5697591 (5007766)		0.26	0.019
E5697592 (5007767)		0.12	0.016
E5697593 (5007768)		0.18	0.009
E5697594 (5007769)		0.22	0.004
E5697595 (5007770)		0.36	0.004
E5697596 (5007771)		0.44	0.010
E5697597 (5007772)		0.19	0.009
E5697598 (5007773)		0.27	0.019
E5697599 (5007774)		0.34	0.015
E5697600 (5007775)		0.16	0.011
E5697601 (5007776)		0.21	0.003
E5697602 (5007777)		0.15	0.004
E5697603 (5007778)		0.27	0.010

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 12, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5697604 (5007779)		0.24	0.003
E5697605 (5007780)		0.48	0.002
E5697606 (5007781)		0.25	0.004
E5697607 (5007782)		0.44	0.008
E5697608 (5007783)		0.23	0.007
E5697609 (5007784)		0.33	0.005
E5697610 (5007785)		0.33	0.004
E5697611 (5007786)		0.13	0.065
E5697612 (5007788)		0.25	0.008
E5697613 (5007789)		0.45	0.002
E5697614 (5007790)		0.44	0.006
E5697615 (5007791)		0.13	0.017
E5697616 (5007792)		0.13	0.005
E5697617 (5007793)		0.28	0.002
E5697618 (5007794)		0.12	0.012
E5697619 (5007795)		0.06	0.009
E5697620 (5007796)		0.54	0.002
E5697621 (5007797)		0.23	0.029
E5697622 (5007798)		0.53	0.003
E5697623 (5007799)		0.39	0.036
E5697624 (5007800)		0.21	0.053
E5697625 (5007801)		0.23	0.005
E5697626 (5007802)		0.11	0.009
E5697627 (5007803)		0.33	0.007
E5697628 (5007804)		0.37	0.005
E5697629 (5007805)		0.15	0.005
E5697630 (5007806)		0.18	0.017
E5697631 (5007807)		0.09	0.016
E5697632 (5007808)		0.17	0.005
E5697633 (5007810)		0.26	0.003
E5697634 (5007811)		0.18	0.005

Certified By:



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DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 12, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697635 (5007812)		0.13	0.010
E5697636 (5007813)		0.37	0.020
E5697637 (5007814)		0.10	0.007
E5697638 (5007815)		0.32	0.003
E5697639 (5007816)		0.08	0.006
E5697640 (5007817)		0.28	0.011
E5697641 (5007818)		0.14	0.007
E5697642 (5007819)		0.11	0.011
E5697643 (5007820)		0.18	0.006
E5697644 (5007821)		0.14	0.003
E5697645 (5007822)		0.14	0.007
E5697646 (5007823)		0.31	0.006
E5697647 (5007824)		0.16	0.003
E5697648 (5007825)		0.38	0.003
E5697649 (5007826)		0.39	0.101
E5697650 (5007827)		0.35	0.026
E5697651 (5007828)		0.58	0.004
E5697652 (5007829)		0.15	0.006
E5697653 (5007830)		0.17	0.008
E5697654 (5007831)		0.16	0.003
E5697655 (5007832)		0.11	0.005
E5697656 (5007834)		0.21	0.004
E5697657 (5007835)		0.23	0.005
E5697658 (5007836)		0.38	0.003
E5697659 (5007837)		0.27	0.065
E5697660 (5007838)		0.63	0.008
E5697661 (5007839)		0.24	0.004
E5697662 (5007840)		0.48	0.004
E5697663 (5007841)		0.11	0.002
E5697664 (5007842)		0.31	0.006
E5697665 (5007843)		0.33	0.004

Certified By:



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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 12, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697666 (5007844)		0.31	0.007
E5697667 (5007845)		0.17	0.528
E5697668 (5007846)		0.07	0.010
E5697669 (5007847)		0.36	0.008
E5697670 (5007848)		0.15	0.002
E5697671 (5007849)		0.16	0.021
E5697672 (5007850)		0.18	0.006
E5697673 (5007851)		0.23	0.006
E5697674 (5007852)		0.44	<0.001
E5697675 (5007853)		0.26	0.008
E5697676 (5007854)		0.15	0.013
E5697677 (5007855)		0.27	0.007
E5697678 (5007856)		0.29	0.003
E5697679 (5007857)		0.42	0.005
E5697680 (5007858)		0.12	0.008
E5697681 (5007859)		0.37	0.002
E5697682 (5007860)		0.24	0.004
E5697683 (5007861)		0.18	0.030
E5697684 (5007862)		0.21	0.070
E5697685 (5007863)		0.26	0.006
E5697686 (5007864)		0.09	0.006
E5697687 (5007865)		0.15	0.009
E5697688 (5007866)		0.18	0.010
E5697689 (5007867)		0.16	0.006
E5697690 (5007868)		0.09	0.009
E5697691 (5007869)		0.41	0.005
E5697692 (5007870)		0.27	0.008
E5697693 (5007871)		0.25	0.008
E5697694 (5007872)		0.21	0.004
E5697695 (5007873)		0.11	0.023
E5697696 (5007874)		0.18	0.006

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 12, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5697697 (5007875)		0.21	0.003
E5697698 (5007876)		0.22	0.005
E5697699 (5007877)		0.12	0.006
E5697700 (5007878)		0.19	0.031
E5697701 (5007879)		0.18	0.007
E5697702 (5007880)		0.16	0.006
E5697703 (5007881)		0.11	0.007
E5697704 (5007882)		0.15	0.008
E5697705 (5007883)		0.09	0.004
E5697706 (5007884)		0.13	0.004
E5697707 (5007885)		0.12	0.008
E5697708 (5007886)		0.14	0.022
E5697709 (5007887)		0.14	0.004
E5697710 (5007888)		0.18	0.005
E5697711 (5007889)		0.08	0.005
E5697712 (5007890)		0.15	0.004
E5697713 (5007891)		0.08	0.010
E5697714 (5007892)		0.44	0.010
E5697715 (5007893)		0.37	0.002
E5697716 (5007894)		0.23	0.005
E5697717 (5007895)		0.14	0.005
E5697718 (5007897)		0.36	0.002
E5697719 (5007898)		0.22	0.002

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	E5697542	0.4	0.4	0.0%	E5697561	0.54	0.55	1.8%	E5697580	< 0.2	< 0.2	0.0%	E5697591	< 0.2	< 0.2	0.0%
Al	E5697542	0.581	0.574	1.2%	E5697561	0.47	0.48	2.1%	E5697580	0.12	0.12	0.0%	E5697591	0.284	0.299	5.1%
As	E5697670	6	2		E5697561	< 1	< 1	0.0%	E5697707	3	4	28.6%	E5697591	< 1	< 1	0.0%
B	E5697542	< 5	< 5	0.0%	E5697561	< 5	< 5	0.0%	E5697580	9	9	0.0%	E5697591	9	9	0.0%
Ba	E5697542	798	868	8.4%	E5697561	184	190	3.2%	E5697580	179	179	0.0%	E5697591	78	83	6.2%
Be	E5697542	< 0.5	< 0.5	0.0%	E5697561	< 0.5	< 0.5	0.0%	E5697580	< 0.5	< 0.5	0.0%	E5697591	< 0.5	< 0.5	0.0%
Bi	E5697542	< 1	< 1	0.0%	E5697688	< 1	< 1	0.0%	E5697580	< 1	< 1	0.0%	E5697591	< 1	< 1	0.0%
Ca	E5697542	2.01	2.00	0.5%	E5697561	0.04	0.04	0.0%	E5697580	3.43	3.33	3.0%	E5697591	3.10	3.20	3.2%
Cd	E5697542	0.7	0.8	13.3%	E5697561	0.6	0.7	15.4%	E5697580	< 0.5	< 0.5	0.0%	E5697591	< 0.5	< 0.5	0.0%
Ce	E5697542	11	11	0.0%	E5697561	33	33	0.0%	E5697580	1	1	0.0%	E5697591	6	6	0.0%
Co	E5697542	9.4	9.1	3.2%	E5697561	1.25	1.42	12.7%	E5697580	1.0	1.0	0.0%	E5697591	2.7	2.8	3.6%
Cr	E5697542	50.4	49.2	2.4%	E5697561	9.2	9.4	2.2%	E5697580	4.29	4.37	1.8%	E5697591	15.9	16.0	0.6%
Cu	E5697542	34.7	33.8	2.6%	E5697561	34.1	35.7	4.6%	E5697580	18.5	17.7	4.4%	E5697591	46.8	49.3	5.2%
Fe	E5697542	0.89	0.90	1.1%	E5697561	0.334	0.340	1.8%	E5697580	0.32	0.32	0.0%	E5697591	0.341	0.359	5.1%
Ga	E5697542	< 5	< 5	0.0%	E5697561	< 5	< 5	0.0%	E5697580	< 5	< 5	0.0%	E5697591	< 5	< 5	0.0%
Hg	E5697670	< 1	< 1	0.0%	E5697561	< 1	< 1	0.0%	E5697707	1	2		E5697591	< 1	< 1	0.0%
In	E5697542	2	2	0.0%	E5697688	1	2		E5697580	< 1	< 1	0.0%	E5697591	< 1	< 1	0.0%
K	E5697542	< 0.01	< 0.01	0.0%	E5697561	0.045	0.046	2.2%	E5697580	0.01	0.01	0.0%	E5697591	< 0.01	< 0.01	0.0%
La	E5697542	6	6	0.0%	E5697561	16	17	6.1%	E5697580	2	2	0.0%	E5697591	8	8	0.0%
Li	E5697542	< 1	< 1	0.0%	E5697561	< 1	< 1	0.0%	E5697580	< 1	< 1	0.0%	E5697591	< 1	< 1	0.0%
Mg	E5697542	0.319	0.313	1.9%	E5697561	0.03	0.03	0.0%	E5697580	0.31	0.31	0.0%	E5697591	0.25	0.26	3.9%
Mn	E5697542	637	625	1.9%	E5697561	26	28	7.4%	E5697580	159	150	5.8%	E5697591	295	307	4.0%
Mo	E5697542	38.0	39.3	3.4%	E5697561	1.2	1.3	8.0%	E5697580	75.7	74.3	1.9%	E5697591	49.2	51.5	4.6%
Na	E5697542	< 0.01	< 0.01	0.0%	E5697561	< 0.01	< 0.01	0.0%	E5697580	< 0.01	< 0.01	0.0%	E5697591	< 0.01	< 0.01	0.0%
Ni	E5697542	34.4	32.9	4.5%	E5697561	10.6	11.0	3.7%	E5697580	18.4	18.0	2.2%	E5697591	31.2	31.8	1.9%
P	E5697542	757	687	9.7%	E5697561	507	528	4.1%	E5697580	532	509	4.4%	E5697591	538	588	8.9%
Pb	E5697542	15.2	15.8	3.9%	E5697561	46.7	51.7	10.2%	E5697580	8.6	10.1	16.0%	E5697714	4.7	5.0	6.2%
Rb	E5697542	< 10	< 10	0.0%	E5697561	< 10	< 10	0.0%	E5697580	< 10	< 10	0.0%	E5697591	< 10	< 10	0.0%
S	E5697542	0.766	0.837	8.9%	E5697561	0.083	0.083	0.0%	E5697580	0.721	0.713	1.1%	E5697591	0.921	0.987	6.9%
Sb	E5697542	< 1	< 1	0.0%	E5697561	< 1	< 1	0.0%	E5697580	< 1	< 1	0.0%	E5697591	< 1	< 1	0.0%
Sc	E5697542	3.29	3.76	13.3%	E5697561	< 0.5	< 0.5	0.0%	E5697707	1.4	1.6	13.3%	E5697591	1.49	1.66	10.8%



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Se	E5697542	12	9	28.6%	E5697561	< 10	< 10	0.0%	E5697580	9	11	20.0%	E5697591	12	10	18.2%
Sn	E5697542	11	10	9.5%	E5697561	< 5	< 5	0.0%	E5697580	15	15	0.0%	E5697591	14	13	7.4%
Sr	E5697542	299	301	0.7%	E5697561	21.6	21.4	0.9%	E5697580	105	105	0.0%	E5697591	67.9	72.0	5.9%
Ta	E5697542	< 10	< 10	0.0%	E5697561	< 10	< 10	0.0%	E5697580	< 10	< 10	0.0%	E5697591	< 10	< 10	0.0%
Te	E5697542	< 10	< 10	0.0%	E5697561	< 10	< 10	0.0%	E5697580	< 10	< 10	0.0%	E5697591	< 10	< 10	0.0%
Th	E5697542	< 5	< 5	0.0%	E5697561	< 5	< 5	0.0%	E5697580	< 5	< 5	0.0%	E5697591	< 5	< 5	0.0%
Ti	E5697542	< 0.01	< 0.01	0.0%	E5697561	< 0.01	< 0.01	0.0%	E5697580	< 0.01	< 0.01	0.0%	E5697591	< 0.01	< 0.01	0.0%
Tl	E5697670	15	11		E5697561	< 5	< 5	0.0%	E5697707	27	12		E5697714	16	20	22.2%
U	E5697542	< 5	< 5	0.0%	E5697561	< 5	< 5	0.0%	E5697580	< 5	< 5	0.0%	E5697591	< 5	< 5	0.0%
V	E5697542	18.5	18.0	2.7%	E5697561	4.84	5.01	3.5%	E5697580	7.43	6.93	7.0%	E5697591	11.2	11.0	1.8%
W	E5697542	< 1	< 1	0.0%	E5697688	< 1	< 1	0.0%	E5697580	< 1	< 1	0.0%	E5697591	< 1	< 1	0.0%
Y	E5697542	5	5	0.0%	E5697561	2	2	0.0%	E5697580	2	2	0.0%	E5697591	5	5	0.0%
Zn	E5697542	23.4	22.3	4.8%	E5697561	21.4	21.5	0.5%	E5697580	11.3	11.6	2.6%	E5697591	12.9	14.9	14.4%
Zr	E5697542	< 5	< 5	0.0%	E5697561	< 5	< 5	0.0%	E5697580	< 5	< 5	0.0%	E5697591	< 5	< 5	0.0%

Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	E5697610	0.2	0.3		E5697640	0.4	0.4	0.0%	E5697659	< 0.2	< 0.2	0.0%				
Al	E5697610	2.05	2.01	2.0%	E5697640	0.93	0.93	0.0%	E5697659	2.02	1.99	1.5%				
As	E5697610	7	8	13.3%	E5697640	5	1		E5697659	< 1	3					
B	E5697610	5	6	18.2%	E5697640	6	6	0.0%	E5697659	< 5	< 5	0.0%				
Ba	E5697610	68	70	2.9%	E5697640	196	197	0.5%	E5697659	109	106	2.8%				
Be	E5697610	< 0.5	< 0.5	0.0%	E5697640	< 0.5	< 0.5	0.0%	E5697659	< 0.5	< 0.5	0.0%				
Bi	E5697610	< 1	< 1	0.0%	E5697640	< 1	< 1	0.0%	E5697659	< 1	< 1	0.0%				
Ca	E5697610	2.58	2.74	6.0%	E5697640	2.44	2.47	1.2%	E5697659	0.549	0.542	1.3%				
Cd	E5697610	< 0.5	< 0.5	0.0%	E5697640	0.55	0.60	8.7%	E5697659	< 0.5	< 0.5	0.0%				
Ce	E5697610	23	24	4.3%	E5697640	48	48	0.0%	E5697659	33	31	6.3%				
Co	E5697610	13.6	13.0	4.5%	E5697640	10.0	9.7	3.0%	E5697659	20.2	19.2	5.1%				
Cr	E5697610	43.0	41.9	2.6%	E5697640	53.4	53.2	0.4%	E5697659	61.8	59.7	3.5%				
Cu	E5697610	48.2	47.6	1.3%	E5697640	59.4	59.0	0.7%	E5697659	29.6	29.4	0.7%				
Fe	E5697610	2.64	2.45	7.5%	E5697640	1.02	1.02	0.0%	E5697659	2.87	2.85	0.7%				
Ga	E5697610	6	7	15.4%	E5697640	< 5	< 5	0.0%	E5697659	12	12	0.0%				
Hg	E5697610	< 1	< 1	0.0%	E5697640	< 1	2		E5697659	< 1	< 1	0.0%				
In	E5697610	< 1	< 1	0.0%	E5697640	< 1	< 1	0.0%	E5697659	< 1	5					
K	E5697610	0.05	0.05	0.0%	E5697640	0.04	0.04	0.0%	E5697659	0.07	0.07	0.0%				



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La	E5697610	16	16	0.0%	E5697640	35	35	0.0%	E5697659	16	15	6.5%				
Li	E5697610	22	21	4.7%	E5697640	7	7	0.0%	E5697659	29	28	3.5%				
Mg	E5697610	0.768	0.700	9.3%	E5697640	0.51	0.51	0.0%	E5697659	0.367	0.358	2.5%				
Mn	E5697610	470	485	3.1%	E5697640	1350	1350	0.0%	E5697659	424	397	6.6%				
Mo	E5697610	2.78	2.72	2.2%	E5697640	7.4	6.8	8.5%	E5697659	3.17	2.70	16.0%				
Na	E5697610	< 0.01	< 0.01	0.0%	E5697640	< 0.01	< 0.01	0.0%	E5697659	< 0.01	< 0.01	0.0%				
Ni	E5697610	49.6	50.1	1.0%	E5697640	68.9	68.9	0.0%	E5697659	53.5	52.3	2.3%				
P	E5697610	871	929	6.4%	E5697640	1390	1360	2.2%	E5697659	499	480	3.9%				
Pb	E5697610	21.9	16.5	28.1%	E5697640	20.2	24.7	20.0%	E5697659	27.7	24.9	10.6%				
Rb	E5697610	11	12	8.7%	E5697640	< 10	< 10	0.0%	E5697659	23	21	9.1%				
S	E5697610	0.178	0.184	3.3%	E5697640	0.261	0.268	2.6%	E5697659	0.0483	0.0521	7.6%				
Sb	E5697610	< 1	< 1	0.0%	E5697640	< 1	< 1	0.0%	E5697659	< 1	< 1	0.0%				
Sc	E5697610	5.1	5.0	2.0%	E5697640	5.49	5.31	3.3%	E5697659	3.5	3.4	2.9%				
Se	E5697610	< 10	< 10	0.0%	E5697640	< 10	12		E5697659	13	19					
Sn	E5697610	12	12	0.0%	E5697640	12	10	18.2%	E5697659	9	10	10.5%				
Sr	E5697610	57.8	58.5	1.2%	E5697640	102	99.7	2.3%	E5697659	21.7	21.2	2.3%				
Ta	E5697610	< 10	< 10	0.0%	E5697640	< 10	< 10	0.0%	E5697659	< 10	< 10	0.0%				
Te	E5697610	< 10	< 10	0.0%	E5697640	< 10	< 10	0.0%	E5697659	< 10	< 10	0.0%				
Th	E5697610	< 5	< 5	0.0%	E5697640	< 5	< 5	0.0%	E5697659	< 5	< 5	0.0%				
Ti	E5697610	0.02	0.02	0.0%	E5697640	0.02	0.02	0.0%	E5697659	0.14	0.14	0.0%				
Tl	E5697610	< 5	< 5	0.0%	E5697640	< 5	< 5	0.0%	E5697659	< 5	< 5	0.0%				
U	E5697610	< 5	< 5	0.0%	E5697640	< 5	< 5	0.0%	E5697659	< 5	< 5	0.0%				
V	E5697610	67.6	63.9	5.6%	E5697640	25.0	24.7	1.2%	E5697659	80.4	78.4	2.5%				
W	E5697610	< 1	< 1	0.0%	E5697640	< 1	< 1	0.0%	E5697659	< 1	< 1	0.0%				
Y	E5697610	10	11	9.5%	E5697640	17	17	0.0%	E5697659	6	6	0.0%				
Zn	E5697610	48.5	47.4	2.3%	E5697640	24.2	24.6	1.6%	E5697659	75.1	73.0	2.8%				
Zr	E5697610	< 5	< 5	0.0%	E5697640	< 5	< 5	0.0%	E5697659	< 5	< 5	0.0%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5697566	0.008	0.010	22.2%	E5697578	< 0.001	0.001		E5697700	0.031	0.033	6.3%	E5697591	0.019	0.018	5.4%
Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5697602	0.004	0.005	22.2%	E5697615	0.017	0.012		E5697616	0.005	0.007	33.3%	E5697627	0.007	0.008	13.3%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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Parameter	REPLICATE #9				REPLICATE #10				REPLICATE #11				REPLICATE #12			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5697640	0.011	0.011	0.0%	E5697652	0.006	0.006	0.0%	E5697664	0.006	0.004		E5697676	0.013	0.005	



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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	167	91%	90% - 110%	184	167	90%	90% - 110%	184	169	92%	90% - 110%	184	169	91%	90% - 110%
Cu	3494	3393	97%	90% - 110%	3494	3542	101%	90% - 110%	3494	3363	96%	90% - 110%	3494	3498	100%	90% - 110%
Ni	2985	2692	90%	90% - 110%	2985	2693	90%	90% - 110%	2985	2688	90%	90% - 110%	2985	2735	91%	90% - 110%
	CRM #5 (CFRM-100)				CRM #6 (CFRM-100)				CRM #7 (CFRM-100)				CRM #8 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	169	91%	90% - 110%	184	165	90%	90% - 110%	184	168	91%	90% - 110%	184	168	91%	90% - 110%
Cu	3494	3523	101%	90% - 110%	3494	3562	102%	90% - 110%	3494	3618	104%	90% - 110%	3494	3604	103%	90% - 110%
Ni	2985	2704	90%	90% - 110%	2985	2716	90%	90% - 110%	2985	2690	90%	90% - 110%	2985	2690	90%	90% - 110%
	CRM #9 (CFRM-100)															
Parameter	Expect	Actual	Recovery	Limits												
Co	184	178	97%	90% - 110%												
Cu	3494	3540	101%	90% - 110%												
Ni	2985	2809	94%	90% - 110%												

### Fire Assay - Trace Au, ICP-OES finish (202052)

	CRM #1 (CM14)				CRM #2 (GS6D)				CRM #3 (GS6D)				CRM #4 (1P5K)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.792	0.808	102%	90% - 110%	6.09	5.59	92%	90% - 110%	6.09	5.81	95%	90% - 110%	1.44	1.34	93%	90% - 110%
	CRM #5 (GS6D)				CRM #6 (1P5K)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	6.09	6.08	100%	90% - 110%	1.44	1.42	99%	90% - 110%								



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U788474

PROJECT NO: SOIL SAMPLING PROJECT

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: SOIL SAMPLING PROJECT

AGAT WORK ORDER: 13U788477

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Dec 11, 2013

PAGES (INCLUDING COVER): 35

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697864 (5007989)	<0.2	0.62	<1	<5	27	<0.5	<1	0.26	1.2	10	7.6	24.6	30.8	1.77	
E5697865 (5007990)	<0.2	0.24	<1	8	16	<0.5	<1	0.10	<0.5	14	1.9	20.2	6.2	0.35	
E5697866 (5007991)	<0.2	1.47	<1	<5	44	<0.5	<1	0.17	<0.5	17	4.3	41.1	12.2	1.29	
E5697867 (5007992)	0.3	1.40	<1	7	47	<0.5	<1	0.15	<0.5	14	3.5	36.4	13.1	0.90	
E5697868 (5007993)	<0.2	2.02	<1	6	79	<0.5	<1	0.31	<0.5	18	8.5	60.1	12.3	1.96	
E5697869 (5007994)	0.3	3.55	2	7	157	0.7	<1	0.41	<0.5	29	14.1	78.1	20.1	3.27	
E5697870 (5007995)	<0.2	0.86	2	<5	27	<0.5	<1	0.28	<0.5	9	7.9	47.7	6.9	1.75	
E5697871 (5007996)	<0.2	0.40	9	<5	35	<0.5	<1	0.29	0.7	8	3.2	18.6	26.4	0.81	
E5697872 (5007997)	<0.2	0.59	<1	<5	27	<0.5	<1	0.16	<0.5	12	4.7	31.3	24.7	1.23	
E5697873 (5007998)	0.5	4.54	2	7	238	1.0	<1	0.37	<0.5	59	5.2	64.5	26.7	1.65	
E5697874 (5007999)	0.4	2.76	5	<5	140	0.8	<1	0.35	<0.5	61	3.9	39.1	20.3	0.89	
E5697875 (5008000)	<0.2	2.70	<1	10	103	0.5	<1	0.39	<0.5	24	15.6	74.7	21.2	3.14	
E5697876 (5008001)	<0.2	1.13	8	6	74	<0.5	<1	0.39	0.7	14	9.9	44.9	21.6	1.85	
E5697877 (5008002)	<0.2	0.84	<1	<5	34	<0.5	<1	0.36	0.6	15	6.6	35.2	24.8	1.38	
E5697878 (5008003)	<0.2	0.64	3	<5	28	<0.5	<1	0.13	<0.5	14	4.9	27.9	19.1	1.44	
E5697879 (5008004)	<0.2	1.68	<1	<5	28	<0.5	<1	0.30	<0.5	17	9.7	61.7	10.6	1.82	
E5697880 (5008005)	<0.2	1.23	<1	<5	30	<0.5	<1	0.30	<0.5	9	11.0	80.7	7.2	2.22	
E5697881 (5008006)	<0.2	2.24	5	<5	32	<0.5	<1	0.28	<0.5	11	9.0	79.6	10.9	2.54	
E5697882 (5008007)	<0.2	2.78	3	6	165	0.7	<1	0.71	<0.5	52	17.8	81.8	19.4	3.00	
E5697883 (5008008)	<0.2	0.86	<1	<5	22	<0.5	<1	0.39	<0.5	17	8.1	59.5	14.2	1.43	
E5697884 (5008009)	<0.2	0.47	3	<5	54	<0.5	<1	0.25	1.4	12	3.7	24.1	38.0	0.94	
E5697885 (5008010)	<0.2	0.80	2	<5	38	<0.5	<1	0.24	0.7	16	9.3	40.5	38.9	2.01	
E5697886 (5008011)	<0.2	0.62	2	<5	40	<0.5	<1	0.48	<0.5	8	7.9	54.7	13.7	1.72	
E5697887 (5008012)	0.4	0.62	11	<5	77	<0.5	<1	1.74	1.7	23	11.3	13.2	38.1	0.64	
E5697888 (5008013)	<0.2	1.49	<1	<5	22	<0.5	<1	0.37	<0.5	11	12.0	86.8	11.7	3.21	
E5697889 (5008014)	<0.2	1.26	1	<5	84	<0.5	<1	0.08	<0.5	17	1.9	23.6	21.9	0.69	
E5697890 (5008015)	<0.2	1.63	<1	<5	31	<0.5	<1	0.39	<0.5	14	11.9	89.4	12.3	2.65	
E5697891 (5008016)	<0.2	1.16	<1	<5	22	<0.5	<1	0.38	<0.5	10	8.8	77.4	7.3	1.88	
E5697892 (5008017)	<0.2	1.96	4	<5	14	<0.5	<1	0.52	<0.5	12	14.7	99.6	15.7	4.39	
E5697893 (5008018)	<0.2	0.83	5	<5	40	<0.5	<1	0.21	<0.5	11	6.6	50.7	17.2	2.00	
E5697894 (5008019)	<0.2	0.64	<1	<5	23	<0.5	<1	0.19	<0.5	13	4.9	51.1	9.2	1.17	
E5697895 (5008020)	<0.2	1.28	1	690	22	<0.5	<1	0.41	<0.5	9	12.0	83.9	6.9	2.50	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697896 (5008021)	<0.2	0.95	5	<5	26	<0.5	<1	0.39	<0.5	10	9.0	64.5	7.2	2.17	
E5697897 (5008022)	<0.2	1.01	<1	12	20	<0.5	<1	0.30	<0.5	7	7.8	63.5	4.8	1.72	
E5697898 (5008023)	<0.2	0.47	<1	<5	24	<0.5	<1	0.12	<0.5	12	2.3	50.4	7.6	0.61	
E5697899 (5008024)	<0.2	2.72	10	12	26	<0.5	<1	0.25	1.1	14	13.1	138	11.7	6.26	
E5697900 (5008025)	<0.2	1.00	<1	<5	52	<0.5	<1	0.43	0.8	13	15.6	47.3	38.4	3.76	
E5697901 (5008026)	<0.2	1.80	6	5	25	<0.5	<1	0.66	<0.5	10	18.8	108	21.8	3.83	
E5697902 (5008027)	<0.2	0.61	<1	<5	36	<0.5	<1	0.21	<0.5	10	3.7	40.0	10.5	1.02	
E5697903 (5008028)	<0.2	2.59	<1	8	99	0.7	<1	0.34	<0.5	40	17.5	70.2	12.9	2.83	
E5697904 (5008029)	<0.2	1.12	<1	<5	20	<0.5	<1	0.23	<0.5	10	6.5	44.1	6.4	2.59	
E5697905 (5008030)	<0.2	1.51	3	<5	29	<0.5	<1	0.49	<0.5	10	13.1	80.6	10.9	3.30	
E5697906 (5008031)	<0.2	0.40	<1	<5	28	<0.5	<1	0.14	<0.5	15	3.7	62.3	10.4	0.80	
E5697907 (5008032)	<0.2	0.31	2	<5	62	<0.5	<1	0.45	1.2	6	6.4	25.8	29.9	1.89	
E5697908 (5008033)	<0.2	1.67	<1	7	79	<0.5	<1	0.21	<0.5	20	8.0	72.3	12.6	1.93	
E5697909 (5008034)	<0.2	1.18	<1	<5	59	<0.5	<1	0.39	<0.5	25	11.4	43.0	7.5	1.58	
E5697910 (5008035)	<0.2	2.42	9	<5	155	0.6	<1	0.44	<0.5	38	53.5	68.1	11.8	3.71	
E5697911 (5008036)	<0.2	0.50	5	<5	27	<0.5	<1	0.27	0.8	8	4.1	39.7	15.2	1.42	
E5697912 (5008037)	<0.2	0.58	<1	<5	30	<0.5	<1	0.23	<0.5	10	6.2	60.5	12.1	1.50	
E5697913 (5008038)	<0.2	0.31	<1	<5	39	<0.5	<1	0.11	<0.5	10	2.5	60.4	12.8	0.72	
E5697914 (5008039)	<0.2	1.49	1	<5	13	<0.5	<1	0.07	<0.5	11	2.5	26.2	7.2	1.47	
E5697915 (5008040)	<0.2	0.30	<1	<5	27	<0.5	<1	0.06	<0.5	14	1.6	8.0	5.4	0.43	
E5697916 (5008041)	<0.2	2.77	<1	<5	77	<0.5	<1	0.49	<0.5	23	15.2	84.8	19.1	2.82	
E5697917 (5008042)	0.2	1.55	4	<5	49	<0.5	<1	0.17	<0.5	17	5.9	34.5	17.0	1.28	
E5697918 (5008043)	<0.2	0.38	<1	<5	13	<0.5	<1	0.05	<0.5	14	2.7	6.4	3.6	0.43	
E5697919 (5008044)	<0.2	1.14	3	<5	18	<0.5	<1	0.22	<0.5	18	6.4	30.4	12.2	1.17	
E5697920 (5008045)	<0.2	1.32	3	13	60	<0.5	<1	0.30	<0.5	42	15.1	40.3	9.7	1.81	
E5697921 (5008046)	<0.2	1.85	6	11	100	0.5	<1	0.55	<0.5	47	14.6	59.7	13.6	2.20	
E5697922 (5008047)	<0.2	0.82	<1	<5	20	<0.5	<1	0.37	<0.5	8	6.8	46.8	8.9	1.24	
E5697923 (5008048)	<0.2	0.40	4	<5	45	<0.5	<1	0.50	0.6	5	4.0	29.4	16.2	0.67	
E5697924 (5008049)	<0.2	0.44	<1	<5	18	<0.5	<1	0.13	<0.5	8	2.4	25.2	3.9	0.43	
E5697925 (5008050)	<0.2	1.20	<1	<5	47	<0.5	<1	0.27	<0.5	15	8.8	54.6	8.9	1.83	
E5697926 (5008051)	0.6	0.84	3	5	76	<0.5	<1	1.68	1.5	27	12.1	18.4	40.6	0.76	
E5697927 (5008052)	<0.2	0.31	<1	5	21	<0.5	<1	0.16	<0.5	12	2.2	11.4	7.2	0.64	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 11, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697928 (5008053)	<0.2	1.82	<1	<5	23	<0.5	<1	0.07	<0.5	13	3.1	20.0	17.4	2.81
E5697929 (5008054)	<0.2	1.24	<1	<5	43	<0.5	<1	0.44	0.9	13	15.1	38.8	31.6	5.44
E5697930 (5008055)	<0.2	0.36	4	<5	93	<0.5	<1	0.42	1.8	6	5.3	32.1	31.5	1.00
E5697931 (5008056)	<0.2	0.65	1	<5	67	<0.5	<1	0.57	1.9	7	13.1	61.4	31.3	1.56
E5697932 (5008057)	<0.2	0.87	1	<5	39	<0.5	<1	0.31	<0.5	11	12.9	69.8	9.0	1.76
E5697933 (5008058)	<0.2	2.56	2	6	143	0.9	<1	0.52	<0.5	57	16.9	78.2	21.7	2.97
E5697934 (5008059)	<0.2	3.98	<1	13	193	1.0	<1	0.39	<0.5	60	23.1	95.2	27.8	4.12
E5697935 (5008060)	<0.2	1.56	<1	<5	76	<0.5	<1	0.45	<0.5	40	15.2	54.4	9.7	1.97
E5697936 (5008061)	<0.2	0.28	7	<5	38	<0.5	<1	1.24	1.1	8	2.0	8.6	17.2	0.35
E5697937 (5008062)	<0.2	1.33	<1	<5	68	<0.5	<1	0.48	<0.5	32	8.4	46.8	11.9	1.51
E5697938 (5008063)	<0.2	1.51	5	<5	36	<0.5	<1	0.30	<0.5	17	7.8	63.7	7.7	1.72
E5697939 (5008064)	<0.2	0.66	3	<5	40	<0.5	<1	0.24	<0.5	9	5.5	57.0	12.1	1.33
E5697940 (5008065)	<0.2	0.35	1	<5	46	<0.5	<1	0.25	<0.5	8	3.0	61.0	10.6	0.89
E5697941 (5008066)	<0.2	0.32	<1	<5	97	<0.5	<1	0.28	1.8	7	2.7	41.8	16.9	0.53
E5697942 (5008067)	<0.2	0.45	1	<5	19	<0.5	<1	0.11	<0.5	12	3.3	11.1	4.2	0.76
E5697943 (5008068)	<0.2	0.33	<1	<5	18	<0.5	<1	0.07	<0.5	12	1.9	5.9	11.8	0.37
E5697944 (5008069)	<0.2	0.41	3	<5	36	<0.5	<1	0.21	0.8	11	2.3	11.2	30.4	0.92
E5697945 (5008070)	<0.2	1.73	<1	<5	42	<0.5	<1	0.78	<0.5	11	32.8	117	11.6	3.66
E5697946 (5008071)	<0.2	0.66	2	<5	40	<0.5	<1	0.54	<0.5	21	4.6	20.0	8.4	0.61
E5697947 (5008072)	<0.2	0.34	<1	<5	19	<0.5	<1	0.08	<0.5	12	1.6	11.6	5.8	0.44
E5697948 (5008073)	<0.2	0.84	3	<5	28	<0.5	<1	0.13	<0.5	9	4.2	25.2	6.9	1.75
E5697949 (5008074)	<0.2	2.09	<1	<5	67	<0.5	<1	0.40	<0.5	18	17.7	72.9	15.7	2.71
E5697950 (5008075)	<0.2	1.38	<1	<5	23	<0.5	<1	0.12	<0.5	12	1.9	28.3	8.9	0.53
E5697951 (5008076)	<0.2	1.17	3	<5	73	<0.5	<1	0.80	<0.5	41	8.2	39.8	15.9	1.38
E5697952 (5008077)	<0.2	2.16	<1	<5	33	<0.5	<1	0.17	<0.5	14	7.2	44.9	11.3	1.82
E5697953 (5008078)	<0.2	1.38	<1	<5	32	<0.5	<1	0.19	<0.5	17	6.6	30.1	10.4	1.54
E5697954 (5008079)	<0.2	0.76	<1	<5	14	<0.5	<1	0.15	<0.5	10	7.6	22.7	2.5	1.09
E5697955 (5008080)	<0.2	0.72	3	<5	22	<0.5	<1	0.17	<0.5	11	4.9	28.3	7.6	1.59
E5697956 (5008081)	<0.2	1.00	<1	<5	24	<0.5	<1	0.09	<0.5	15	1.8	32.2	11.6	0.42
E5697957 (5008082)	<0.2	0.78	<1	<5	23	<0.5	<1	0.07	<0.5	14	3.3	20.5	6.3	1.47
E5697958 (5008083)	<0.2	0.56	<1	<5	18	<0.5	<1	0.04	<0.5	12	2.4	6.3	10.2	0.77
E5697959 (5008084)	0.3	0.91	4	8	65	<0.5	<1	3.07	<0.5	22	3.2	22.2	29.3	0.56

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697960 (5008085)	0.2	0.80	7	7	73	<0.5	<1	2.86	0.6	23	4.8	17.7	35.6	0.66	
E5697961 (5008086)	0.3	1.81	3	5	193	0.6	<1	1.76	0.6	38	6.5	56.9	44.4	1.37	
E5697962 (5008087)	<0.2	1.32	5	5	94	<0.5	<1	0.44	<0.5	33	9.0	33.4	8.7	1.40	
E5697963 (5008088)	<0.2	0.60	3	5	52	<0.5	<1	0.28	0.6	8	2.9	18.8	20.5	0.91	
E5697964 (5008089)	0.2	1.62	4	5	56	<0.5	<1	0.40	<0.5	16	3.7	25.6	33.4	2.02	
E5697965 (5008090)	<0.2	0.80	<1	5	20	<0.5	<1	0.20	<0.5	15	4.5	24.2	6.4	0.82	
E5697966 (5008091)	0.5	3.04	5	7	183	0.8	<1	0.92	<0.5	50	10.0	55.2	32.6	2.17	
E5697967 (5008092)	<0.2	0.71	<1	5	23	<0.5	<1	0.17	<0.5	12	4.1	21.7	5.2	0.74	
E5697968 (5008094)	<0.2	0.56	4	6	57	<0.5	<1	0.62	0.7	5	6.5	23.2	23.0	1.28	
E5697969 (5008095)	<0.2	0.67	2	5	22	<0.5	<1	0.15	<0.5	9	4.6	22.1	6.6	1.32	
E5697970 (5008096)	<0.2	0.97	1	5	17	<0.5	<1	0.12	<0.5	12	4.6	29.0	7.5	1.96	
E5697971 (5008097)	0.5	3.07	8	5	117	1.1	<1	1.78	0.8	73	11.8	50.6	31.3	1.68	
E5697972 (5008098)	<0.2	0.49	<1	5	13	<0.5	<1	0.09	<0.5	9	1.9	8.8	9.7	0.37	
E5697973 (5008099)	<0.2	1.04	<1	5	8	<0.5	<1	0.17	<0.5	12	3.3	21.3	11.7	0.95	
E5697974 (5008100)	<0.2	1.26	4	5	67	<0.5	<1	0.77	<0.5	36	10.9	34.0	17.5	1.21	
E5697975 (5008101)	<0.2	0.88	4	5	56	<0.5	<1	1.71	0.6	17	7.2	27.9	18.9	0.97	
E5697976 (5008102)	<0.2	0.67	4	5	154	<0.5	<1	1.85	1.1	13	11.2	13.9	21.0	3.08	
E5697977 (5008103)	<0.2	1.10	11	5	155	<0.5	<1	1.73	0.7	19	7.9	24.6	23.1	2.04	
E5697978 (5008104)	<0.2	0.51	5	5	48	<0.5	<1	2.22	<0.5	5	2.5	12.9	23.4	0.36	
E5697979 (5008105)	0.2	0.82	4	5	87	<0.5	<1	2.22	0.6	10	3.6	27.5	28.9	1.02	
E5697980 (5008106)	<0.2	0.68	7	5	60	<0.5	<1	0.28	0.8	7	4.7	31.2	31.4	0.92	
E5697981 (5008107)	<0.2	0.51	3	5	21	<0.5	<1	0.15	0.5	13	1.8	14.2	19.5	0.47	
E5697982 (5008108)	<0.2	1.04	<1	5	17	<0.5	<1	0.26	<0.5	16	5.8	30.7	12.8	1.34	
E5697983 (5008109)	<0.2	0.64	<1	5	24	<0.5	<1	0.24	<0.5	10	4.2	25.9	6.4	1.45	
E5697984 (5008110)	<0.2	1.01	<1	5	23	<0.5	<1	0.19	<0.5	23	4.2	24.3	6.3	0.78	
E5697985 (5008111)	<0.2	1.31	<1	5	29	<0.5	<1	0.11	<0.5	11	5.6	26.3	7.4	1.24	
E5697986 (5008112)	<0.2	0.98	<1	5	29	<0.5	<1	0.13	<0.5	16	2.6	22.7	7.7	0.67	
E5697987 (5008113)	<0.2	1.02	<1	5	29	<0.5	<1	0.15	<0.5	19	4.0	25.5	9.0	0.91	
E5697988 (5008114)	<0.2	0.44	<1	5	16	<0.5	<1	0.26	<0.5	16	3.2	14.5	3.4	0.48	
E5697989 (5008115)	<0.2	0.45	<1	5	17	<0.5	<1	0.10	<0.5	10	2.0	12.3	4.3	0.38	
E5697990 (5008116)	<0.2	0.75	<1	5	41	<0.5	<1	0.31	<0.5	15	4.6	20.7	5.8	0.85	
E5697991 (5008117)	<0.2	0.77	6	9	87	<0.5	<1	2.46	<0.5	10	4.2	24.6	22.6	1.24	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 11, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697992 (5008118)	<0.2	1.34	<1	6	95	0.6	<1	1.87	<0.5	17	3.4	46.3	25.2	1.13
E5697993 (5008119)	<0.2	0.48	8	6	63	<0.5	<1	2.55	<0.5	5	2.1	5.2	14.5	0.65
E5697994 (5008120)	<0.2	0.22	<1	7	47	<0.5	<1	2.49	<0.5	2	2.4	3.6	15.0	0.60
E5697995 (5008121)	<0.2	0.65	7	7	66	<0.5	<1	2.52	<0.5	7	3.0	15.3	23.6	0.66
E5697996 (5008122)	<0.2	0.86	2	6	112	<0.5	<1	2.25	<0.5	10	3.3	20.6	23.7	0.76
E5697997 (5008123)	<0.2	0.51	<1	5	17	<0.5	<1	0.26	<0.5	20	4.3	18.8	4.8	0.75
E5697998 (5008124)	<0.2	0.70	<1	5	22	<0.5	<1	0.26	<0.5	22	4.8	24.5	7.3	0.94
E5697999 (5008125)	<0.2	0.70	2	5	21	<0.5	<1	0.22	<0.5	18	4.3	24.2	6.9	0.98
E5698000 (5008126)	<0.2	0.93	<1	5	28	<0.5	<1	0.26	<0.5	18	6.5	27.5	7.7	1.06
E5698001 (5008127)	<0.2	0.65	<1	5	15	<0.5	<1	0.26	<0.5	15	4.6	21.6	5.0	0.79
E5698002 (5008128)	<0.2	0.64	<1	5	22	<0.5	<1	0.24	<0.5	18	4.3	19.4	5.2	0.73
E5698003 (5008129)	<0.2	0.29	<1	5	5	<0.5	<1	0.09	<0.5	9	1.6	9.0	0.9	0.22
E5698004 (5008130)	<0.2	0.55	<1	5	10	<0.5	<1	0.17	<0.5	10	3.3	13.3	2.2	0.54
E5698005 (5008131)	<0.2	0.55	<1	5	16	<0.5	<1	0.19	<0.5	12	3.6	17.3	3.4	0.66
E5698006 (5008132)	<0.2	1.00	<1	5	51	0.5	<1	0.35	<0.5	28	7.1	36.2	13.5	1.25
E5698007 (5008133)	<0.2	0.54	<1	5	21	<0.5	<1	0.36	<0.5	21	3.6	21.9	7.4	0.59
E5698008 (5008134)	<0.2	1.50	1	6	86	0.7	<1	0.47	<0.5	34	10.5	48.0	16.2	2.29
E5698009 (5008135)	<0.2	0.94	<1	5	50	0.5	<1	0.46	<0.5	29	7.5	36.9	16.3	1.11
E5698010 (5008136)	0.2	2.40	<1	7	141	0.9	<1	1.33	<0.5	72	12.8	70.6	38.5	1.67
E5698011 (5008137)	<0.2	1.19	<1	5	27	<0.5	<1	0.15	<0.5	14	5.9	26.2	8.6	1.23
E5698012 (5008138)	<0.2	1.09	<1	8	24	<0.5	<1	0.13	<0.5	14	5.0	22.7	6.5	1.01
E5698013 (5008139)	<0.2	0.89	<1	5	22	<0.5	<1	0.24	<0.5	18	5.2	30.0	6.0	1.26
E5698014 (5008140)	<0.2	0.88	3	5	24	<0.5	<1	0.22	<0.5	15	4.9	27.5	6.7	1.17
E5698015 (5008141)	<0.2	0.74	<1	5	30	<0.5	<1	0.26	<0.5	23	5.6	24.8	7.8	1.00
E5698016 (5008142)	<0.2	1.15	<1	5	27	<0.5	<1	0.15	<0.5	12	4.2	26.5	4.6	1.21
E5698017 (5008143)	<0.2	0.82	<1	5	19	<0.5	<1	0.24	<0.5	15	4.5	22.7	4.8	0.95
E5698018 (5008144)	<0.2	0.56	1	5	26	<0.5	<1	0.27	<0.5	18	3.7	19.4	6.1	0.70
E5698019 (5008145)	<0.2	1.01	<1	5	9	<0.5	<1	0.09	<0.5	10	1.9	15.8	1.1	0.86
E5698020 (5008146)	<0.2	1.16	<1	5	10	<0.5	<1	0.17	<0.5	14	2.8	19.3	1.3	0.74
E5698021 (5008147)	<0.2	0.82	<1	5	21	<0.5	<1	0.22	<0.5	15	4.1	19.0	4.3	0.69
E5698022 (5008148)	<0.2	0.34	<1	5	6	<0.5	<1	0.07	<0.5	10	1.3	6.6	0.9	0.23
E5698023 (5008149)	<0.2	0.51	<1	5	26	<0.5	<1	0.33	<0.5	15	3.7	15.8	3.8	0.73

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477

PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5698024 (5008150)	<0.2	0.41	<1	<5	17	<0.5	<1	0.30	<0.5	13	3.1	13.6	3.5	0.55	
E5698025 (5008151)	<0.2	0.64	2	5	64	<0.5	<1	2.00	0.8	9	5.5	13.6	15.4	0.69	
E5698026 (5008152)	<0.2	3.21	4	11	170	1.5	<1	0.80	<0.5	67	21.2	78.1	24.5	4.07	
E5698027 (5008153)	<0.2	0.63	<1	<5	32	<0.5	<1	0.37	<0.5	26	5.4	24.8	8.9	0.84	
E5698028 (5008154)	<0.2	2.02	5	<5	120	0.7	<1	0.47	<0.5	49	12.1	49.6	14.4	2.32	
E5698029 (5008155)	<0.2	1.43	5	<5	95	0.6	<1	0.33	<0.5	41	9.6	36.2	10.5	1.84	
E5698030 (5008156)	<0.2	1.81	<1	<5	101	0.7	<1	0.42	<0.5	47	13.1	48.6	26.9	1.96	
E5698031 (5008157)	<0.2	0.61	<1	<5	8	<0.5	<1	0.14	<0.5	10	2.4	13.6	1.7	0.57	

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DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013							DATE REPORTED: Dec 11, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697864 (5007989)	8	1	3	0.05	4	<1	0.07	86	3.4	0.02	8.3	480	26.9	<10	
E5697865 (5007990)	<5	<1	<1	0.04	7	<1	0.04	49	2.7	0.02	4.0	262	15.3	<10	
E5697866 (5007991)	7	2	2	0.06	9	8	0.25	88	1.3	0.01	15.7	432	9.5	12	
E5697867 (5007992)	6	2	<1	0.07	8	5	0.17	65	2.1	0.02	12.8	886	18.9	11	
E5697868 (5007993)	11	1	1	0.18	9	17	0.52	204	1.7	0.02	25.4	409	16.9	44	
E5697869 (5007994)	15	<1	2	0.34	14	28	0.79	427	1.3	0.02	36.9	724	29.0	95	
E5697870 (5007995)	7	<1	2	0.06	5	5	0.32	259	3.2	0.02	13.7	261	8.7	11	
E5697871 (5007996)	<5	1	<1	0.05	4	<1	0.09	119	3.5	<0.01	11.7	472	35.4	<10	
E5697872 (5007997)	6	1	2	0.03	5	<1	0.08	70	3.3	0.01	7.5	332	25.0	<10	
E5697873 (5007998)	12	<1	<1	0.27	30	20	0.38	93	2.7	0.02	35.4	2200	32.0	45	
E5697874 (5007999)	7	2	2	0.16	31	10	0.24	61	2.3	0.02	22.9	2290	25.0	24	
E5697875 (5008000)	16	<1	3	0.16	12	21	0.70	557	1.5	0.02	36.0	551	19.5	41	
E5697876 (5008001)	7	<1	2	0.07	6	5	0.31	622	3.7	0.02	17.9	662	38.6	13	
E5697877 (5008002)	9	<1	1	0.05	7	<1	0.15	115	3.4	0.02	10.9	341	24.3	<10	
E5697878 (5008003)	8	<1	2	0.03	7	<1	0.06	73	2.6	0.01	5.2	320	25.2	<10	
E5697879 (5008004)	7	<1	2	0.05	7	9	0.43	168	3.1	0.03	27.1	305	6.9	<10	
E5697880 (5008005)	11	<1	<1	0.06	4	8	0.59	267	4.7	0.03	30.2	212	9.4	<10	
E5697881 (5008006)	7	1	1	0.05	6	11	0.43	197	3.6	0.02	26.9	430	17.4	<10	
E5697882 (5008007)	12	<1	1	0.21	22	29	0.95	800	1.4	0.05	43.5	596	17.9	48	
E5697883 (5008008)	<5	1	<1	0.05	8	5	0.51	198	2.5	0.05	26.4	383	5.7	<10	
E5697884 (5008009)	<5	<1	3	0.06	6	<1	0.08	79	4.3	0.01	11.4	503	73.6	<10	
E5697885 (5008010)	10	2	2	0.04	7	<1	0.08	122	4.8	0.02	8.3	427	20.1	<10	
E5697886 (5008011)	<5	3	3	0.05	4	3	0.27	276	5.0	0.03	19.1	243	30.9	<10	
E5697887 (5008012)	<5	4	<1	0.06	12	<1	0.15	673	4.0	0.01	24.2	1260	72.7	10	
E5697888 (5008013)	11	<1	2	0.05	5	9	0.89	259	3.9	0.04	29.0	261	7.1	<10	
E5697889 (5008014)	8	<1	<1	0.04	9	<1	0.05	36	2.3	<0.01	7.6	1030	28.5	<10	
E5697890 (5008015)	8	3	<1	0.07	7	14	0.69	258	4.0	0.03	32.9	388	9.4	16	
E5697891 (5008016)	7	<1	2	0.07	5	8	0.55	221	4.1	0.04	23.5	228	8.0	11	
E5697892 (5008017)	10	<1	3	0.04	5	10	0.95	364	3.3	0.03	32.9	455	7.4	<10	
E5697893 (5008018)	7	<1	3	0.04	5	3	0.32	138	3.1	0.02	20.5	374	28.2	<10	
E5697894 (5008019)	6	<1	1	0.04	6	2	0.14	93	5.3	0.03	7.9	188	11.8	<10	
E5697895 (5008020)	9	1	2	0.05	4	7	0.71	271	3.7	0.11	33.3	182	9.1	<10	

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DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697896 (5008021)	10	2	1	0.06	5	4	0.38	200	5.2	0.04	14.3	188	5.5	<10	
E5697897 (5008022)	5	1	2	0.05	3	8	0.45	185	3.7	0.04	18.8	81	8.1	<10	
E5697898 (5008023)	<5	2	<1	0.04	6	2	0.06	62	4.6	0.04	5.5	100	5.3	<10	
E5697899 (5008024)	25	<1	14	0.04	8	6	0.51	287	3.2	0.02	27.1	426	21.0	<10	
E5697900 (5008025)	12	2	4	0.04	5	1	0.23	342	3.7	0.01	19.8	842	36.9	<10	
E5697901 (5008026)	11	<1	4	0.06	5	12	1.09	473	3.7	0.04	50.1	367	13.7	<10	
E5697902 (5008027)	6	<1	<1	0.04	5	2	0.14	82	4.0	0.02	9.6	265	14.0	<10	
E5697903 (5008028)	11	2	3	0.27	13	30	0.87	546	<0.5	0.04	36.8	242	16.1	66	
E5697904 (5008029)	11	1	3	0.04	5	4	0.33	203	2.7	0.02	12.3	403	6.4	<10	
E5697905 (5008030)	11	2	3	0.06	5	8	0.67	390	3.8	0.03	31.5	415	11.4	<10	
E5697906 (5008031)	5	<1	<1	0.04	7	<1	0.05	112	4.8	0.02	7.0	294	18.2	<10	
E5697907 (5008032)	7	<1	<1	0.06	3	<1	0.07	373	4.2	0.01	9.3	791	65.7	15	
E5697908 (5008033)	12	2	4	0.15	10	12	0.41	153	3.3	0.02	25.7	399	16.0	40	
E5697909 (5008034)	6	<1	1	0.10	11	12	0.42	451	2.5	0.03	19.9	401	12.7	24	
E5697910 (5008035)	14	2	<1	0.15	15	29	0.66	3190	2.7	0.03	37.1	745	54.4	45	
E5697911 (5008036)	<5	1	<1	0.06	5	3	0.14	195	3.3	0.01	14.3	535	33.6	<10	
E5697912 (5008037)	8	2	<1	0.04	5	2	0.26	181	5.6	0.02	11.0	280	13.7	<10	
E5697913 (5008038)	<5	2	<1	0.04	5	<1	0.04	102	5.0	0.02	6.4	219	31.8	<10	
E5697914 (5008039)	6	<1	<1	0.02	5	4	0.07	44	1.2	<0.01	5.5	347	10.1	<10	
E5697915 (5008040)	<5	2	<1	0.02	7	<1	0.03	33	<0.5	<0.01	3.5	204	9.0	<10	
E5697916 (5008041)	11	<1	<1	0.15	12	24	1.10	406	4.0	0.03	42.3	473	10.7	37	
E5697917 (5008042)	8	<1	<1	0.09	9	11	0.35	111	1.6	0.01	19.5	604	20.3	20	
E5697918 (5008043)	5	1	<1	0.02	7	<1	0.03	31	0.5	<0.01	2.6	179	5.7	<10	
E5697919 (5008044)	<5	<1	<1	0.03	7	6	0.25	128	0.8	<0.01	19.8	416	8.0	<10	
E5697920 (5008045)	8	2	<1	0.13	15	17	0.48	486	1.5	0.03	22.7	319	16.5	33	
E5697921 (5008046)	9	<1	<1	0.19	19	26	0.78	436	2.3	0.04	33.6	340	15.2	56	
E5697922 (5008047)	5	<1	<1	0.04	4	5	0.43	160	3.0	0.03	19.7	204	11.2	<10	
E5697923 (5008048)	<5	<1	<1	0.08	2	2	0.21	253	3.8	0.01	15.5	769	31.0	<10	
E5697924 (5008049)	<5	<1	1	0.04	4	2	0.09	55	2.0	0.02	6.6	123	6.1	<10	
E5697925 (5008050)	6	<1	<1	0.07	7	10	0.40	346	2.4	0.03	22.5	262	7.5	14	
E5697926 (5008051)	<5	<1	<1	0.09	14	2	0.25	1030	4.6	0.01	27.5	1700	65.2	13	
E5697927 (5008052)	<5	<1	<1	0.03	6	1	0.06	50	1.3	<0.01	5.7	288	15.8	<10	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477

PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013						DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697928 (5008053)	10	<1	<1	0.03	7	7	0.08	69	1.1	<0.01	6.2	474	14.0	<10	
E5697929 (5008054)	19	<1	4	0.05	5	2	0.31	478	2.9	0.03	15.0	863	45.8	11	
E5697930 (5008055)	<5	4	<1	0.06	3	<1	0.11	439	4.0	0.01	16.6	729	60.2	<10	
E5697931 (5008056)	7	1	<1	0.05	3	2	0.30	830	5.0	0.02	20.0	695	61.4	<10	
E5697932 (5008057)	6	<1	<1	0.07	5	4	0.35	352	5.8	0.03	19.2	307	16.5	12	
E5697933 (5008058)	11	<1	<1	0.30	24	29	0.98	620	2.0	0.06	43.1	269	18.1	69	
E5697934 (5008059)	16	2	<1	0.49	19	44	1.29	683	0.7	0.05	56.9	197	20.4	114	
E5697935 (5008060)	8	1	3	0.17	14	18	0.66	656	2.3	0.06	27.7	317	10.2	40	
E5697936 (5008061)	<5	5	<1	0.08	5	2	0.20	162	3.9	<0.01	10.6	842	54.1	<10	
E5697937 (5008062)	7	5	<1	0.12	16	14	0.50	285	2.0	0.03	23.9	492	9.8	23	
E5697938 (5008063)	6	1	2	0.05	8	9	0.43	199	3.4	0.02	25.1	315	9.5	10	
E5697939 (5008064)	7	<1	<1	0.05	5	2	0.31	225	4.5	0.02	14.7	416	27.3	<10	
E5697940 (5008065)	<5	5	<1	0.05	4	<1	0.09	248	5.7	0.02	8.6	350	24.4	<10	
E5697941 (5008066)	<5	<1	<1	0.06	3	2	0.07	187	4.8	0.02	8.4	558	35.3	<10	
E5697942 (5008067)	<5	<1	<1	0.02	6	2	0.13	69	0.8	<0.01	8.0	229	9.7	<10	
E5697943 (5008068)	<5	<1	<1	0.01	6	<1	0.04	24	0.8	<0.01	3.5	117	13.8	<10	
E5697944 (5008069)	<5	2	<1	0.04	5	<1	0.05	129	2.2	<0.01	8.2	389	58.0	<10	
E5697945 (5008070)	15	1	3	0.07	4	8	1.17	1350	3.0	0.05	56.6	456	9.8	13	
E5697946 (5008071)	<5	<1	1	0.04	10	8	0.23	93	1.9	<0.01	13.5	503	6.4	<10	
E5697947 (5008072)	<5	2	<1	0.01	6	<1	0.04	40	1.1	<0.01	3.7	89	5.6	<10	
E5697948 (5008073)	7	<1	2	0.03	4	5	0.12	127	0.8	<0.01	12.6	485	10.3	<10	
E5697949 (5008074)	7	<1	<1	0.10	8	18	0.68	714	2.2	0.03	39.5	443	11.8	20	
E5697950 (5008075)	5	3	<1	0.01	6	2	0.06	24	<0.5	<0.01	6.7	473	6.8	<10	
E5697951 (5008076)	6	<1	<1	0.11	20	13	0.51	308	2.4	0.02	26.7	613	8.6	23	
E5697952 (5008077)	<5	3	<1	0.03	7	11	0.28	111	0.7	<0.01	27.0	602	7.8	<10	
E5697953 (5008078)	6	4	<1	0.04	8	8	0.21	178	1.1	<0.01	16.2	497	13.0	<10	
E5697954 (5008079)	10	<1	<1	0.02	4	3	0.42	97	0.8	<0.01	15.5	104	1.5	<10	
E5697955 (5008080)	6	4	<1	0.04	5	5	0.21	106	0.6	<0.01	14.1	328	9.0	<10	
E5697956 (5008081)	<5	<1	<1	0.02	7	2	0.07	26	<0.5	<0.01	7.6	391	6.6	<10	
E5697957 (5008082)	10	2	<1	0.03	6	4	0.08	42	1.2	<0.01	7.0	257	8.7	<10	
E5697958 (5008083)	6	3	<1	0.02	6	<1	0.02	35	<0.5	<0.01	3.1	314	16.8	<10	
E5697959 (5008084)	<5	<1	<1	0.02	13	2	0.16	459	4.3	<0.01	14.3	1090	9.0	<10	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U788477

PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
Sample ID (AGAT ID)														
E5697960 (5008085)	<5	<1	<1	0.02	13	1	0.15	668	4.1	<0.01	13.0	883	16.8	<10
E5697961 (5008086)	6	3	<1	0.10	26	10	0.35	2130	5.1	0.02	29.1	1390	10.7	16
E5697962 (5008087)	5	<1	<1	0.05	13	11	0.28	636	2.0	0.01	22.1	658	7.6	<10
E5697963 (5008088)	<5	<1	<1	0.10	4	2	0.09	309	2.9	0.02	10.6	1080	27.3	<10
E5697964 (5008089)	8	<1	3	0.03	8	<1	0.13	94	5.7	0.01	9.0	1390	20.9	<10
E5697965 (5008090)	<5	<1	<1	0.03	7	7	0.25	78	0.6	<0.01	14.8	343	3.1	<10
E5697966 (5008091)	10	3	<1	0.20	26	22	0.49	167	4.1	0.02	41.4	1430	32.2	39
E5697967 (5008092)	<5	3	<1	0.03	6	6	0.21	61	0.7	<0.01	12.5	335	6.1	<10
E5697968 (5008094)	<5	<1	<1	0.15	3	3	0.28	521	3.3	0.02	16.6	1060	45.1	<10
E5697969 (5008095)	9	<1	<1	0.02	4	2	0.13	61	1.5	<0.01	10.6	231	19.4	<10
E5697970 (5008096)	10	2	2	0.03	6	5	0.14	82	1.2	<0.01	7.5	241	12.6	<10
E5697971 (5008097)	6	<1	<1	0.05	30	10	0.27	1030	4.0	<0.01	28.4	2040	25.0	13
E5697972 (5008098)	<5	<1	<1	0.02	4	1	0.05	22	0.9	<0.01	4.4	172	8.4	<10
E5697973 (5008099)	<5	<1	<1	0.02	6	4	0.16	55	1.2	<0.01	9.7	447	4.7	<10
E5697974 (5008100)	5	<1	<1	0.08	17	12	0.36	245	2.5	0.01	21.0	698	10.5	14
E5697975 (5008101)	<5	2	<1	0.03	7	3	0.20	524	3.3	<0.01	12.9	1050	13.3	<10
E5697976 (5008102)	12	3	<1	0.03	8	<1	0.15	8420	4.3	<0.01	14.9	1050	29.6	<10
E5697977 (5008103)	<5	3	1	0.02	12	1	0.13	1260	3.5	<0.01	15.5	1490	15.7	<10
E5697978 (5008104)	<5	3	<1	0.02	7	<1	0.17	520	3.3	<0.01	11.9	1160	15.1	<10
E5697979 (5008105)	<5	<1	<1	0.03	10	2	0.20	1580	4.2	<0.01	16.8	1350	21.8	<10
E5697980 (5008106)	<5	3	<1	0.05	4	1	0.16	200	3.4	0.01	16.5	786	48.0	<10
E5697981 (5008107)	<5	<1	<1	0.03	7	<1	0.05	34	1.5	<0.01	5.7	273	15.5	<10
E5697982 (5008108)	<5	<1	<1	0.03	7	6	0.25	126	1.1	0.01	18.0	483	4.4	<10
E5697983 (5008109)	9	<1	<1	0.03	5	4	0.16	78	1.2	<0.01	10.0	233	7.6	<10
E5697984 (5008110)	<5	1	<1	0.04	13	7	0.21	62	0.6	<0.01	10.9	615	5.1	<10
E5697985 (5008111)	7	3	<1	0.04	5	11	0.18	58	1.0	<0.01	16.8	147	6.3	<10
E5697986 (5008112)	<5	<1	<1	0.06	8	6	0.15	49	0.8	<0.01	9.1	380	9.5	<10
E5697987 (5008113)	6	3	1	0.07	9	8	0.21	62	<0.5	<0.01	11.6	307	9.7	11
E5697988 (5008114)	<5	<1	<1	0.03	7	5	0.19	56	<0.5	0.01	9.1	503	1.8	<10
E5697989 (5008115)	<5	<1	<1	0.02	5	3	0.08	31	3.0	<0.01	5.5	337	3.8	<10
E5697990 (5008116)	<5	<1	<1	0.03	7	7	0.22	185	1.5	<0.01	11.8	564	5.3	<10
E5697991 (5008117)	<5	<1	<1	0.04	11	2	0.23	1370	4.5	<0.01	13.2	1660	25.9	<10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013						DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697992 (5008118)	<5	2	<1	0.05	15	6	0.23	1160	3.1	<0.01	12.6	2210	24.7	10	
E5697993 (5008119)	<5	<1	<1	0.01	7	<1	0.19	287	3.8	<0.01	11.5	780	23.4	<10	
E5697994 (5008120)	<5	<1	<1	0.02	2	<1	0.23	500	3.6	<0.01	7.2	749	29.5	<10	
E5697995 (5008121)	<5	<1	<1	0.02	9	<1	0.19	714	3.6	<0.01	12.4	1250	18.1	<10	
E5697996 (5008122)	<5	<1	<1	0.02	11	1	0.18	406	3.8	<0.01	13.4	1090	12.0	<10	
E5697997 (5008123)	<5	<1	<1	0.04	9	5	0.23	102	<0.5	0.01	9.7	480	6.4	<10	
E5697998 (5008124)	<5	<1	<1	0.05	9	7	0.29	121	<0.5	0.01	12.6	534	5.6	<10	
E5697999 (5008125)	<5	<1	1	0.05	8	6	0.24	92	0.6	<0.01	12.6	481	7.3	<10	
E5698000 (5008126)	<5	2	<1	0.07	8	9	0.33	138	<0.5	0.01	14.7	506	7.7	12	
E5698001 (5008127)	<5	<1	<1	0.04	7	6	0.26	83	<0.5	0.01	11.1	514	4.5	<10	
E5698002 (5008128)	<5	<1	<1	0.05	8	7	0.24	68	<0.5	<0.01	10.1	480	4.3	<10	
E5698003 (5008129)	<5	<1	<1	0.01	4	2	0.06	21	<0.5	<0.01	3.0	124	2.9	<10	
E5698004 (5008130)	<5	2	<1	0.02	4	5	0.16	45	1.1	<0.01	7.6	391	1.9	<10	
E5698005 (5008131)	<5	<1	<1	0.03	6	5	0.19	58	0.8	<0.01	9.2	418	2.0	<10	
E5698006 (5008132)	<5	<1	<1	0.11	12	12	0.43	125	<0.5	0.01	20.0	509	7.3	17	
E5698007 (5008133)	<5	<1	<1	0.03	10	6	0.24	70	0.6	<0.01	10.4	562	7.6	<10	
E5698008 (5008134)	7	<1	<1	0.16	16	18	0.57	321	<0.5	0.02	26.4	483	14.8	28	
E5698009 (5008135)	<5	<1	<1	0.08	14	13	0.42	169	<0.5	0.01	20.1	556	7.7	14	
E5698010 (5008136)	7	<1	<1	0.17	34	26	0.65	388	2.8	0.02	36.0	665	15.0	32	
E5698011 (5008137)	<5	<1	<1	0.04	6	10	0.25	91	<0.5	<0.01	16.0	242	8.1	<10	
E5698012 (5008138)	<5	<1	<1	0.03	6	12	0.23	83	<0.5	<0.01	12.4	121	5.7	<10	
E5698013 (5008139)	<5	<1	1	0.05	8	8	0.29	95	0.5	<0.01	12.8	536	8.2	11	
E5698014 (5008140)	<5	<1	<1	0.06	8	8	0.29	102	<0.5	<0.01	13.2	454	11.1	12	
E5698015 (5008141)	<5	<1	<1	0.05	11	8	0.31	146	<0.5	0.01	13.5	502	5.5	<10	
E5698016 (5008142)	5	<1	<1	0.05	6	8	0.22	67	0.7	<0.01	10.2	249	9.2	11	
E5698017 (5008143)	<5	<1	<1	0.03	7	7	0.22	78	0.6	<0.01	10.5	506	5.1	<10	
E5698018 (5008144)	<5	<1	<1	0.04	9	9	0.25	94	0.7	<0.01	11.7	394	6.6	<10	
E5698019 (5008145)	<5	<1	<1	0.02	5	4	0.08	27	0.8	<0.01	4.6	278	5.1	<10	
E5698020 (5008146)	<5	<1	<1	0.02	6	5	0.14	46	<0.5	<0.01	6.7	458	8.1	<10	
E5698021 (5008147)	<5	<1	<1	0.04	8	7	0.22	66	<0.5	<0.01	11.0	406	6.1	<10	
E5698022 (5008148)	<5	<1	<1	0.02	5	2	0.05	18	<0.5	<0.01	2.5	132	4.9	<10	
E5698023 (5008149)	<5	<1	<1	0.03	7	6	0.21	76	1.0	<0.01	8.9	376	5.3	<10	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477

PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ga ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm
E5698024 (5008150)		<5	<1	1	0.03	6	5	0.19	69	1.1	<0.01	7.8	392	4.3	<10
E5698025 (5008151)		<5	<1	<1	0.04	4	3	0.17	158	1.3	<0.01	10.7	573	17.9	<10
E5698026 (5008152)		13	3	<1	0.29	31	43	1.06	712	<0.5	0.02	43.9	627	25.9	62
E5698027 (5008153)		<5	<1	<1	0.04	12	6	0.26	190	1.5	<0.01	13.6	568	6.3	<10
E5698028 (5008154)		5	<1	<1	0.10	19	21	0.51	2870	1.9	0.01	32.8	553	15.8	20
E5698029 (5008155)		<5	<1	<1	0.06	17	14	0.37	1100	0.5	0.01	23.3	525	8.6	13
E5698030 (5008156)		5	2	<1	0.12	21	26	0.54	948	<0.5	0.02	37.0	439	13.2	26
E5698031 (5008157)		<5	<1	1	0.01	5	4	0.14	42	<0.5	<0.01	6.6	285	2.0	<10

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697864 (5007989)	0.051	<1	2.8	<10	23	11.1	<10	<10	<5	0.45	9	<5	149	<1	
E5697865 (5007990)	0.037	2	0.7	<10	<5	8.3	<10	<10	<5	0.07	24	<5	22.3	<1	
E5697866 (5007991)	0.029	<1	1.9	<10	<5	14.7	<10	<10	<5	0.07	27	<5	30.1	<1	
E5697867 (5007992)	0.091	<1	1.3	<10	<5	15.0	<10	<10	<5	0.05	8	<5	22.1	<1	
E5697868 (5007993)	0.027	<1	3.2	<10	7	20.8	<10	<10	<5	0.11	8	<5	48.5	<1	
E5697869 (5007994)	0.063	1	5.4	<10	11	30.1	<10	<10	<5	0.16	6	<5	76.5	<1	
E5697870 (5007995)	0.018	2	2.1	<10	7	16.9	<10	<10	<5	0.13	<5	<5	56.1	<1	
E5697871 (5007996)	0.102	<1	1.4	<10	7	10.9	<10	<10	<5	0.12	<5	<5	41.6	<1	
E5697872 (5007997)	0.033	<1	1.9	<10	12	9.2	<10	<10	<5	0.22	6	<5	78.0	<1	
E5697873 (5007998)	0.235	<1	3.1	<10	6	25.5	<10	<10	<5	0.07	<5	<5	31.3	<1	
E5697874 (5007999)	0.328	2	3.2	<10	<5	22.2	<10	<10	<5	0.05	20	<5	21.3	<1	
E5697875 (5008000)	0.053	<1	4.7	<10	10	27.8	<10	<10	<5	0.15	<5	<5	81.7	<1	
E5697876 (5008001)	0.058	<1	2.1	<10	10	16.6	<10	<10	<5	0.14	9	<5	66.2	<1	
E5697877 (5008002)	0.038	<1	2.6	<10	13	10.8	<10	<10	<5	0.23	9	<5	74.7	<1	
E5697878 (5008003)	0.024	<1	1.8	<10	11	7.1	<10	<10	<5	0.23	10	<5	85.5	<1	
E5697879 (5008004)	0.016	<1	3.6	<10	8	14.9	<10	<10	<5	0.13	12	<5	50.2	<1	
E5697880 (5008005)	0.020	<1	2.9	<10	9	15.4	<10	<10	<5	0.19	<5	<5	82.3	<1	
E5697881 (5008006)	0.038	<1	3.3	<10	8	13.8	<10	<10	<5	0.13	12	<5	58.3	1	
E5697882 (5008007)	0.016	<1	6.5	<10	11	39.7	<10	<10	<5	0.17	<5	<5	71.8	<1	
E5697883 (5008008)	0.008	<1	3.6	<10	7	19.0	<10	<10	<5	0.11	16	<5	37.3	<1	
E5697884 (5008009)	0.062	<1	1.6	<10	8	12.1	<10	<10	<5	0.11	14	<5	43.3	<1	
E5697885 (5008010)	0.034	<1	3.8	<10	26	9.0	<10	<10	<5	0.44	14	<5	154	<1	
E5697886 (5008011)	0.031	2	1.9	<10	6	24.7	<10	<10	<5	0.10	16	<5	43.9	<1	
E5697887 (5008012)	0.229	<1	1.9	12	8	51.2	<10	<10	<5	0.02	16	<5	15.4	<1	
E5697888 (5008013)	0.022	<1	3.4	<10	12	13.5	<10	<10	<5	0.20	22	<5	94.2	2	
E5697889 (5008014)	0.131	<1	1.0	<10	<5	7.7	<10	<10	<5	0.06	17	<5	48.9	<1	
E5697890 (5008015)	0.019	1	3.9	<10	9	16.8	<10	<10	<5	0.15	<5	<5	63.3	<1	
E5697891 (5008016)	0.010	<1	3.0	<10	7	17.4	<10	<10	<5	0.14	14	<5	51.1	<1	
E5697892 (5008017)	0.033	<1	5.1	<10	14	16.6	<10	<10	<5	0.26	14	<5	123	<1	
E5697893 (5008018)	0.056	<1	3.7	<10	9	11.8	<10	<10	<5	0.15	16	<5	59.7	<1	
E5697894 (5008019)	0.033	<1	1.8	<10	8	11.4	<10	<10	<5	0.17	20	<5	53.9	<1	
E5697895 (5008020)	0.011	<1	3.3	<10	11	17.0	<10	<10	<5	0.22	12	<5	87.4	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5697896 (5008021)	0.016	<1	3.3	<10	15	22.1	<10	<10	<5	0.27	11	<5	111	<1	
E5697897 (5008022)	0.006	<1	2.5	<10	7	19.4	<10	<10	<5	0.14	12	<5	50.7	<1	
E5697898 (5008023)	0.009	<1	1.0	<10	<5	12.8	<10	<10	<5	0.05	<5	<5	14.6	<1	
E5697899 (5008024)	0.041	3	6.9	<10	7	12.3	<10	<10	8	0.18	20	<5	157	<1	
E5697900 (5008025)	0.054	<1	6.0	<10	32	17.4	<10	<10	<5	0.61	6	<5	232	<1	
E5697901 (5008026)	0.045	<1	4.4	<10	15	21.3	<10	<10	<5	0.25	14	<5	103	<1	
E5697902 (5008027)	0.015	<1	1.8	<10	8	12.9	<10	<10	<5	0.12	24	<5	35.6	<1	
E5697903 (5008028)	0.009	<1	5.8	<10	9	26.5	<10	<10	<5	0.16	6	<5	69.4	<1	
E5697904 (5008029)	0.022	<1	3.0	<10	11	12.0	<10	<10	<5	0.20	25	<5	103	<1	
E5697905 (5008030)	0.032	<1	3.4	<10	13	16.9	<10	<10	<5	0.22	10	<5	93.0	<1	
E5697906 (5008031)	0.029	<1	1.1	<10	9	11.0	<10	<10	<5	0.17	18	<5	40.1	<1	
E5697907 (5008032)	0.077	<1	2.1	<10	11	19.3	<10	<10	<5	0.18	20	<5	28.3	<1	
E5697908 (5008033)	0.023	2	3.3	<10	5	14.8	<10	<10	<5	0.10	27	<5	51.1	<1	
E5697909 (5008034)	0.018	<1	2.8	<10	6	19.9	<10	<10	<5	0.09	<5	<5	42.4	<1	
E5697910 (5008035)	0.036	<1	4.4	<10	8	28.0	<10	<10	<5	0.12	<5	7	74.8	<1	
E5697911 (5008036)	0.094	<1	0.9	<10	<5	12.4	<10	<10	<5	0.05	5	<5	35.0	<1	
E5697912 (5008037)	0.024	<1	1.9	<10	9	12.0	<10	<10	<5	0.17	<5	<5	60.0	<1	
E5697913 (5008038)	0.023	<1	1.1	<10	6	10.4	<10	<10	<5	0.09	16	<5	31.6	<1	
E5697914 (5008039)	0.030	<1	1.7	<10	<5	6.6	<10	<10	<5	0.08	9	<5	35.9	<1	
E5697915 (5008040)	0.015	<1	0.6	<10	<5	4.7	<10	<10	<5	0.07	24	<5	26.4	<1	
E5697916 (5008041)	0.024	2	5.6	16	11	18.5	<10	<10	<5	0.17	18	<5	73.5	1	
E5697917 (5008042)	0.053	<1	2.0	<10	5	12.8	<10	<10	<5	0.08	7	<5	30.5	<1	
E5697918 (5008043)	0.014	<1	0.9	<10	9	5.0	<10	<10	<5	0.17	12	<5	39.4	<1	
E5697919 (5008044)	0.015	2	2.1	<10	5	10.4	<10	<10	<5	0.10	12	<5	31.9	<1	
E5697920 (5008045)	0.010	2	3.9	<10	7	16.4	<10	<10	<5	0.11	<5	<5	46.6	<1	
E5697921 (5008046)	0.017	<1	5.6	<10	10	29.9	<10	<10	<5	0.15	15	<5	55.9	<1	
E5697922 (5008047)	0.021	<1	2.1	<10	7	14.1	<10	<10	<5	0.12	13	<5	40.5	<1	
E5697923 (5008048)	0.111	<1	0.8	<10	<5	25.6	<10	<10	<5	0.04	6	<5	17.1	<1	
E5697924 (5008049)	0.009	<1	0.7	<10	<5	11.1	<10	<10	<5	0.07	18	<5	16.7	<1	
E5697925 (5008050)	0.021	3	2.4	<10	7	19.1	<10	<10	<5	0.10	20	<5	46.0	<1	
E5697926 (5008051)	0.241	1	2.3	<10	11	44.9	<10	<10	<5	0.02	7	<5	16.5	<1	
E5697927 (5008052)	0.026	<1	0.7	<10	6	10.4	<10	<10	<5	0.08	17	<5	33.4	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697928 (5008053)	0.043	2	2.6	<10	<5	6.4	<10	<10	<5	0.08	<5	<5	60.0	<1	
E5697929 (5008054)	0.062	<1	5.9	14	33	12.4	<10	<10	<5	0.66	<5	<5	278	<1	
E5697930 (5008055)	0.090	<1	1.0	<10	6	18.2	<10	<10	<5	0.06	9	<5	38.1	<1	
E5697931 (5008056)	0.055	<1	2.3	<10	11	16.1	<10	<10	<5	0.14	<5	<5	62.9	<1	
E5697932 (5008057)	0.022	<1	1.8	<10	7	13.5	<10	<10	<5	0.14	5	<5	60.5	<1	
E5697933 (5008058)	0.009	1	8.5	<10	12	36.7	<10	<10	6	0.17	<5	<5	71.8	<1	
E5697934 (5008059)	0.011	2	12.6	<10	15	37.5	<10	<10	10	0.22	18	<5	94.1	<1	
E5697935 (5008060)	0.010	2	4.9	<10	8	31.1	<10	<10	<5	0.15	7	<5	55.1	<1	
E5697936 (5008061)	0.196	2	0.8	<10	6	32.5	<10	<10	<5	0.01	25	<5	10.5	<1	
E5697937 (5008062)	0.014	1	3.8	<10	6	22.7	<10	<10	<5	0.10	19	<5	41.4	<1	
E5697938 (5008063)	0.017	<1	2.9	<10	6	14.9	<10	<10	<5	0.10	33	<5	41.8	<1	
E5697939 (5008064)	0.028	2	2.0	<10	5	13.1	<10	<10	<5	0.08	14	<5	51.0	<1	
E5697940 (5008065)	0.031	<1	1.1	<10	5	13.9	<10	<10	<5	0.08	16	<5	24.7	<1	
E5697941 (5008066)	0.057	<1	0.7	<10	<5	17.6	<10	<10	<5	0.04	11	<5	15.5	<1	
E5697942 (5008067)	0.021	<1	0.6	<10	<5	7.1	<10	<10	<5	0.09	10	<5	31.0	<1	
E5697943 (5008068)	0.013	<1	<0.5	<10	6	6.2	<10	<10	<5	0.12	11	<5	35.9	<1	
E5697944 (5008069)	0.035	2	0.8	<10	9	7.6	<10	<10	<5	0.12	6	<5	49.8	<1	
E5697945 (5008070)	0.020	<1	5.5	10	20	21.4	<10	<10	<5	0.32	<5	<5	149	<1	
E5697946 (5008071)	0.102	<1	1.9	<10	<5	12.7	<10	<10	<5	0.05	13	<5	18.9	<1	
E5697947 (5008072)	0.013	<1	0.8	<10	<5	5.9	<10	<10	<5	0.08	16	<5	29.4	<1	
E5697948 (5008073)	0.019	<1	1.1	<10	5	8.3	<10	<10	<5	0.09	7	<5	43.9	<1	
E5697949 (5008074)	0.020	3	3.4	<10	8	18.6	<10	<10	<5	0.13	9	<5	68.3	<1	
E5697950 (5008075)	0.040	<1	2.1	<10	<5	10.0	<10	<10	<5	0.07	10	<5	17.4	<1	
E5697951 (5008076)	0.045	<1	3.8	<10	7	20.7	<10	<10	<5	0.09	14	<5	36.9	<1	
E5697952 (5008077)	0.034	<1	3.0	<10	5	9.6	<10	<10	<5	0.09	16	<5	38.0	1	
E5697953 (5008078)	0.035	<1	2.4	<10	5	10.9	<10	<10	<5	0.09	20	<5	41.8	<1	
E5697954 (5008079)	0.006	<1	1.3	<10	12	12.5	<10	<10	<5	0.24	21	<5	59.8	<1	
E5697955 (5008080)	0.021	<1	1.4	<10	7	11.3	<10	<10	<5	0.12	12	<5	46.0	<1	
E5697956 (5008081)	0.025	<1	1.9	<10	<5	7.0	<10	<10	<5	0.06	18	<5	22.8	<1	
E5697957 (5008082)	0.023	<1	1.4	<10	6	6.7	<10	<10	<5	0.13	20	<5	59.6	<1	
E5697958 (5008083)	0.015	<1	0.9	<10	5	3.9	<10	<10	<5	0.13	7	<5	41.7	<1	
E5697959 (5008084)	0.566	<1	3.5	<10	12	45.8	<10	<10	<5	0.02	<5	<5	19.5	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697960 (5008085)	0.745	<1	3.3	<10	12	48.5	<10	<10	<5	0.01	11	<5	16.9	<1	
E5697961 (5008086)	0.430	<1	5.6	<10	8	38.8	<10	<10	<5	0.04	20	5	31.5	<1	
E5697962 (5008087)	0.078	<1	2.9	<10	<5	15.7	<10	<10	<5	0.06	10	<5	31.5	<1	
E5697963 (5008088)	0.122	<1	0.7	<10	<5	8.8	<10	<10	<5	0.02	14	<5	22.6	<1	
E5697964 (5008089)	0.100	2	2.0	<10	<5	6.2	<10	<10	<5	0.04	20	<5	71.0	<1	
E5697965 (5008090)	0.008	<1	1.6	<10	<5	10.8	<10	<10	<5	0.07	21	<5	22.4	<1	
E5697966 (5008091)	0.212	<1	4.4	<10	9	34.4	<10	<10	<5	0.09	15	<5	39.3	<1	
E5697967 (5008092)	0.013	<1	1.3	<10	<5	8.6	<10	<10	<5	0.06	13	<5	19.6	<1	
E5697968 (5008094)	0.105	<1	2.0	<10	8	17.8	<10	<10	<5	0.07	<5	<5	38.3	<1	
E5697969 (5008095)	0.024	<1	1.3	<10	9	10.7	<10	<10	<5	0.18	21	<5	74.8	<1	
E5697970 (5008096)	0.025	<1	1.7	<10	9	8.5	<10	<10	<5	0.17	21	<5	70.4	<1	
E5697971 (5008097)	0.229	2	5.8	10	8	41.0	<10	<10	<5	0.03	14	<5	26.8	<1	
E5697972 (5008098)	0.022	<1	0.8	<10	<5	7.9	<10	<10	<5	0.07	9	<5	21.0	<1	
E5697973 (5008099)	0.020	<1	1.9	<10	5	8.1	<10	<10	<5	0.07	27	<5	24.6	<1	
E5697974 (5008100)	0.176	2	4.1	<10	5	18.5	<10	<10	<5	0.07	22	<5	37.2	<1	
E5697975 (5008101)	0.446	<1	2.9	<10	8	26.4	<10	<10	<5	0.02	19	<5	20.3	<1	
E5697976 (5008102)	0.392	<1	2.0	11	6	46.4	<10	<10	<5	<0.01	<5	12	12.9	<1	
E5697977 (5008103)	0.461	4	3.5	<10	8	42.8	<10	<10	<5	0.01	11	<5	21.7	<1	
E5697978 (5008104)	0.534	2	1.5	<10	11	47.9	<10	<10	<5	<0.01	20	<5	9.5	<1	
E5697979 (5008105)	0.500	<1	2.9	<10	9	50.9	<10	<10	<5	0.01	<5	<5	13.5	<1	
E5697980 (5008106)	0.107	<1	<0.5	<10	<5	13.5	<10	<10	<5	0.02	18	<5	25.4	<1	
E5697981 (5008107)	0.025	<1	0.9	<10	<5	5.9	<10	<10	<5	0.04	30	<5	22.5	<1	
E5697982 (5008108)	0.013	3	2.5	<10	<5	13.1	<10	<10	<5	0.09	11	<5	32.6	<1	
E5697983 (5008109)	0.026	<1	1.6	<10	7	12.2	<10	<10	<5	0.13	16	<5	56.1	<1	
E5697984 (5008110)	0.018	<1	2.2	<10	<5	8.3	<10	<10	<5	0.05	16	<5	19.6	<1	
E5697985 (5008111)	0.017	<1	1.8	<10	6	7.8	<10	<10	<5	0.09	15	<5	40.6	<1	
E5697986 (5008112)	0.032	<1	1.5	<10	<5	10.7	<10	<10	<5	0.04	16	<5	20.2	<1	
E5697987 (5008113)	0.010	<1	1.7	<10	<5	10.7	<10	<10	<5	0.06	<5	<5	27.0	<1	
E5697988 (5008114)	0.006	1	1.3	<10	<5	11.7	<10	<10	<5	0.06	6	<5	15.1	<1	
E5697989 (5008115)	0.015	<1	0.7	<10	<5	6.2	<10	<10	<5	0.03	23	<5	11.0	<1	
E5697990 (5008116)	0.061	<1	1.7	<10	<5	11.0	<10	<10	<5	0.04	31	<5	20.8	<1	
E5697991 (5008117)	0.377	4	3.1	17	13	58.0	<10	<10	<5	0.01	<5	<5	11.7	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477

PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697992 (5008118)	0.395	3	4.7	12	13	44.9	<10	<10	<5	0.02	8	<5	14.5	<1	
E5697993 (5008119)	0.542	3	0.9	<10	10	55.1	<10	<10	<5	<0.01	7	<5	9.1	<1	
E5697994 (5008120)	0.594	3	0.6	<10	12	53.6	<10	<10	<5	<0.01	8	<5	7.3	<1	
E5697995 (5008121)	0.524	4	2.0	<10	11	54.2	<10	<10	<5	<0.01	<5	<5	10.8	<1	
E5697996 (5008122)	0.441	1	2.9	<10	8	46.4	<10	<10	<5	0.01	<5	<5	14.2	<1	
E5697997 (5008123)	<0.005	<1	1.7	<10	5	10.3	<10	<10	<5	0.08	6	<5	21.9	<1	
E5697998 (5008124)	0.006	<1	2.2	<10	6	11.5	<10	<10	<5	0.08	13	<5	26.4	<1	
E5697999 (5008125)	0.013	1	1.5	<10	6	8.9	<10	<10	<5	0.07	<5	<5	26.3	<1	
E5698000 (5008126)	0.006	<1	2.3	11	6	10.4	<10	<10	<5	0.08	<5	<5	26.9	<1	
E5698001 (5008127)	0.006	2	1.8	<10	5	10.6	<10	<10	<5	0.07	7	<5	22.0	<1	
E5698002 (5008128)	0.005	3	1.7	<10	<5	10.5	<10	<10	<5	0.07	<5	<5	20.4	<1	
E5698003 (5008129)	0.006	<1	0.6	<10	<5	5.0	<10	<10	<5	0.05	<5	<5	8.1	<1	
E5698004 (5008130)	0.005	<1	1.1	<10	<5	6.8	<10	<10	<5	0.05	13	<5	14.3	<1	
E5698005 (5008131)	0.007	<1	1.3	11	<5	8.5	<10	<10	<5	0.06	<5	<5	19.6	<1	
E5698006 (5008132)	0.007	<1	4.2	11	7	14.1	<10	<10	<5	0.09	<5	<5	36.6	<1	
E5698007 (5008133)	0.020	<1	2.0	<10	6	10.8	<10	<10	<5	0.07	10	<5	18.0	<1	
E5698008 (5008134)	0.020	<1	5.1	<10	9	20.1	<10	<10	5	0.11	<5	<5	47.6	<1	
E5698009 (5008135)	0.023	1	3.8	<10	9	16.3	<10	<10	<5	0.09	8	<5	35.5	<1	
E5698010 (5008136)	0.189	4	8.2	<10	15	34.3	<10	<10	<5	0.09	6	<5	46.3	1	
E5698011 (5008137)	0.014	<1	2.1	<10	<5	8.5	<10	<10	<5	0.08	7	<5	29.3	<1	
E5698012 (5008138)	0.013	<1	1.9	<10	5	7.2	<10	<10	<5	0.08	<5	<5	27.9	<1	
E5698013 (5008139)	0.011	<1	2.1	<10	7	10.9	<10	<10	<5	0.08	6	<5	30.2	<1	
E5698014 (5008140)	0.015	1	1.8	<10	7	11.4	<10	<10	<5	0.08	7	<5	29.3	<1	
E5698015 (5008141)	0.006	3	2.4	<10	5	12.0	<10	<10	<5	0.08	<5	<5	25.9	2	
E5698016 (5008142)	0.013	1	1.9	<10	6	9.8	<10	<10	<5	0.08	<5	<5	30.0	<1	
E5698017 (5008143)	0.007	<1	1.9	<10	5	9.1	<10	<10	<5	0.07	<5	<5	24.1	<1	
E5698018 (5008144)	<0.005	1	1.9	<10	6	10.2	<10	<10	<5	0.07	6	<5	19.4	<1	
E5698019 (5008145)	0.015	<1	1.4	<10	<5	4.5	<10	<10	<5	0.06	<5	<5	21.0	<1	
E5698020 (5008146)	0.026	<1	1.9	<10	5	7.4	<10	<10	<5	0.07	<5	<5	21.0	<1	
E5698021 (5008147)	0.007	<1	1.7	<10	6	9.2	<10	<10	<5	0.06	<5	<5	19.4	<1	
E5698022 (5008148)	<0.005	1	0.5	<10	<5	5.1	<10	<10	<5	0.04	<5	<5	9.0	<1	
E5698023 (5008149)	0.037	1	1.2	<10	<5	10.7	<10	<10	<5	0.05	<5	<5	17.9	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U788477

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5698024 (5008150)		0.017	<1	1.1	<10	<5	11.2	<10	<10	<5	0.04	<5	<5	15.0	<1
E5698025 (5008151)		0.405	2	1.8	<10	10	28.8	<10	<10	<5	0.02	<5	<5	17.4	<1
E5698026 (5008152)		0.026	1	7.8	<10	11	31.7	<10	<10	6	0.15	<5	<5	83.1	<1
E5698027 (5008153)		0.019	<1	2.4	<10	<5	11.9	<10	<10	<5	0.06	<5	<5	25.2	<1
E5698028 (5008154)		0.032	3	4.9	<10	7	21.6	<10	<10	<5	0.07	8	7	44.3	<1
E5698029 (5008155)		0.023	1	3.8	<10	8	14.0	<10	<10	<5	0.06	6	<5	34.1	<1
E5698030 (5008156)		0.015	2	6.0	<10	9	19.9	<10	<10	<5	0.10	<5	<5	45.2	<1
E5698031 (5008157)		0.007	<1	1.2	<10	<5	5.3	<10	<10	<5	0.05	<5	<5	16.8	<1

Certified By:



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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697864 (5007989)	5	21.8	6	
E5697865 (5007990)	1	12.8	<5	
E5697866 (5007991)	3	17.1	<5	
E5697867 (5007992)	3	13.3	<5	
E5697868 (5007993)	3	35.5	<5	
E5697869 (5007994)	4	62.0	<5	
E5697870 (5007995)	2	21.6	<5	
E5697871 (5007996)	2	42.2	<5	
E5697872 (5007997)	3	16.3	<5	
E5697873 (5007998)	10	40.4	<5	
E5697874 (5007999)	10	23.7	<5	
E5697875 (5008000)	4	49.0	<5	
E5697876 (5008001)	4	70.8	<5	
E5697877 (5008002)	4	24.6	<5	
E5697878 (5008003)	3	16.1	<5	
E5697879 (5008004)	5	23.2	<5	
E5697880 (5008005)	3	24.5	<5	
E5697881 (5008006)	3	28.0	<5	
E5697882 (5008007)	9	58.3	<5	
E5697883 (5008008)	5	30.1	<5	
E5697884 (5008009)	3	48.5	<5	
E5697885 (5008010)	7	22.5	<5	
E5697886 (5008011)	2	17.1	<5	
E5697887 (5008012)	9	33.0	<5	
E5697888 (5008013)	4	32.0	<5	
E5697889 (5008014)	5	19.6	<5	
E5697890 (5008015)	5	33.0	<5	
E5697891 (5008016)	3	23.4	<5	
E5697892 (5008017)	6	33.5	<5	
E5697893 (5008018)	4	34.5	<5	
E5697894 (5008019)	2	15.6	<5	
E5697895 (5008020)	4	22.1	<5	

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697896 (5008021)	3	19.9	<5	
E5697897 (5008022)	2	19.2	<5	
E5697898 (5008023)	2	4.0	<5	
E5697899 (5008024)	5	20.6	5	
E5697900 (5008025)	4	48.0	<5	
E5697901 (5008026)	5	51.7	<5	
E5697902 (5008027)	3	16.3	<5	
E5697903 (5008028)	5	46.3	6	
E5697904 (5008029)	3	21.0	<5	
E5697905 (5008030)	4	38.4	<5	
E5697906 (5008031)	2	19.8	<5	
E5697907 (5008032)	3	65.7	<5	
E5697908 (5008033)	4	27.8	<5	
E5697909 (5008034)	4	28.7	<5	
E5697910 (5008035)	6	94.2	<5	
E5697911 (5008036)	1	35.6	<5	
E5697912 (5008037)	3	23.1	<5	
E5697913 (5008038)	1	20.6	<5	
E5697914 (5008039)	2	10.5	<5	
E5697915 (5008040)	1	7.3	<5	
E5697916 (5008041)	6	50.0	<5	
E5697917 (5008042)	3	27.1	<5	
E5697918 (5008043)	1	8.0	<5	
E5697919 (5008044)	4	18.0	<5	
E5697920 (5008045)	6	31.8	<5	
E5697921 (5008046)	8	48.7	<5	
E5697922 (5008047)	3	19.7	<5	
E5697923 (5008048)	1	69.2	<5	
E5697924 (5008049)	1	7.0	<5	
E5697925 (5008050)	3	28.4	<5	
E5697926 (5008051)	10	35.3	<5	
E5697927 (5008052)	1	11.6	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil
Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
RDL:	1	0.5	5
Sample ID (AGAT ID)			
E5697928 (5008053)	4	22.6	<5
E5697929 (5008054)	6	54.5	8
E5697930 (5008055)	1	152	<5
E5697931 (5008056)	3	130	<5
E5697932 (5008057)	2	27.9	<5
E5697933 (5008058)	10	50.5	14
E5697934 (5008059)	6	72.2	24
E5697935 (5008060)	6	34.9	<5
E5697936 (5008061)	2	35.1	<5
E5697937 (5008062)	7	31.0	<5
E5697938 (5008063)	4	21.0	<5
E5697939 (5008064)	2	27.4	<5
E5697940 (5008065)	2	18.0	<5
E5697941 (5008066)	2	100	<5
E5697942 (5008067)	2	11.2	<5
E5697943 (5008068)	1	6.2	<5
E5697944 (5008069)	1	30.6	<5
E5697945 (5008070)	4	44.0	6
E5697946 (5008071)	5	16.6	<5
E5697947 (5008072)	1	10.7	<5
E5697948 (5008073)	2	15.4	<5
E5697949 (5008074)	4	33.5	<5
E5697950 (5008075)	3	7.1	<5
E5697951 (5008076)	9	30.1	<5
E5697952 (5008077)	3	35.7	<5
E5697953 (5008078)	4	25.1	<5
E5697954 (5008079)	1	22.0	<5
E5697955 (5008080)	2	16.5	<5
E5697956 (5008081)	3	6.4	<5
E5697957 (5008082)	2	6.8	<5
E5697958 (5008083)	2	11.2	<5
E5697959 (5008084)	10	24.6	<5

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013      DATE RECEIVED: Nov 29, 2013      DATE REPORTED: Dec 11, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697960 (5008085)		9	33.6	<5
E5697961 (5008086)		17	50.5	<5
E5697962 (5008087)		7	45.3	<5
E5697963 (5008088)		3	45.0	<5
E5697964 (5008089)		11	18.2	<5
E5697965 (5008090)		3	11.9	<5
E5697966 (5008091)		10	40.6	<5
E5697967 (5008092)		2	11.9	<5
E5697968 (5008094)		2	91.9	<5
E5697969 (5008095)		1	11.3	<5
E5697970 (5008096)		2	16.4	<5
E5697971 (5008097)		26	44.3	<5
E5697972 (5008098)		2	5.5	<5
E5697973 (5008099)		4	11.3	<5
E5697974 (5008100)		10	34.8	<5
E5697975 (5008101)		6	20.8	<5
E5697976 (5008102)		6	57.0	<5
E5697977 (5008103)		9	77.4	<5
E5697978 (5008104)		7	14.3	<5
E5697979 (5008105)		8	23.6	<5
E5697980 (5008106)		2	43.7	<5
E5697981 (5008107)		2	11.2	<5
E5697982 (5008108)		4	18.8	<5
E5697983 (5008109)		2	23.6	<5
E5697984 (5008110)		6	14.1	<5
E5697985 (5008111)		2	17.4	<5
E5697986 (5008112)		3	13.7	<5
E5697987 (5008113)		3	13.7	<5
E5697988 (5008114)		4	10.4	<5
E5697989 (5008115)		2	7.6	<5
E5697990 (5008116)		4	23.1	<5
E5697991 (5008117)		9	16.9	5

Certified By:



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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697992 (5008118)	12	19.8	5	
E5697993 (5008119)	6	8.1	<5	
E5697994 (5008120)	2	17.9	<5	
E5697995 (5008121)	9	24.2	<5	
E5697996 (5008122)	10	12.7	<5	
E5697997 (5008123)	4	12.7	<5	
E5697998 (5008124)	4	18.9	<5	
E5697999 (5008125)	3	15.5	<5	
E5698000 (5008126)	4	19.3	<5	
E5698001 (5008127)	4	14.6	<5	
E5698002 (5008128)	4	15.9	<5	
E5698003 (5008129)	1	4.8	<5	
E5698004 (5008130)	3	8.8	<5	
E5698005 (5008131)	3	9.7	<5	
E5698006 (5008132)	5	26.2	8	
E5698007 (5008133)	4	15.3	<5	
E5698008 (5008134)	7	39.3	5	
E5698009 (5008135)	7	25.3	<5	
E5698010 (5008136)	20	53.5	<5	
E5698011 (5008137)	3	22.5	<5	
E5698012 (5008138)	3	17.8	<5	
E5698013 (5008139)	4	18.5	<5	
E5698014 (5008140)	3	21.5	<5	
E5698015 (5008141)	5	17.8	<5	
E5698016 (5008142)	2	14.7	<5	
E5698017 (5008143)	4	12.9	<5	
E5698018 (5008144)	5	12.7	<5	
E5698019 (5008145)	2	5.4	<5	
E5698020 (5008146)	3	9.2	<5	
E5698021 (5008147)	4	12.7	<5	
E5698022 (5008148)	1	2.7	<5	
E5698023 (5008149)	3	18.2	<5	

Certified By:



## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
E5698024 (5008150)	3	14.9	<5	
E5698025 (5008151)	4	56.2	<5	
E5698026 (5008152)	14	68.5	<5	
E5698027 (5008153)	6	19.6	<5	
E5698028 (5008154)	10	53.0	<5	
E5698029 (5008155)	9	34.4	<5	
E5698030 (5008156)	12	38.7	<5	
E5698031 (5008157)	2	8.0	<5	

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788477  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697864 (5007989)		0.14	0.006
E5697865 (5007990)		0.16	0.003
E5697866 (5007991)		0.51	0.002
E5697867 (5007992)		0.35	0.004
E5697868 (5007993)		0.42	0.003
E5697869 (5007994)		0.32	0.003
E5697870 (5007995)		0.36	0.001
E5697871 (5007996)		0.16	0.016
E5697872 (5007997)		0.25	0.005
E5697873 (5007998)		0.24	0.005
E5697874 (5007999)		0.16	0.006
E5697875 (5008000)		0.29	0.007
E5697876 (5008001)		0.17	0.010
E5697877 (5008002)		0.15	0.006
E5697878 (5008003)		0.34	0.012
E5697879 (5008004)		0.47	0.001
E5697880 (5008005)		0.46	0.001
E5697881 (5008006)		0.32	0.002
E5697882 (5008007)		0.64	0.002
E5697883 (5008008)		0.70	0.002
E5697884 (5008009)		0.16	0.008
E5697885 (5008010)		0.33	0.006
E5697886 (5008011)		0.45	0.015
E5697887 (5008012)		0.15	0.012
E5697888 (5008013)		0.37	0.001
E5697889 (5008014)		0.27	0.003
E5697890 (5008015)		0.37	0.020
E5697891 (5008016)		0.48	<0.001
E5697892 (5008017)		0.46	0.003
E5697893 (5008018)		0.21	0.003
E5697894 (5008019)		0.19	0.029

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SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697895 (5008020)		0.45	0.005
E5697896 (5008021)		0.41	0.002
E5697897 (5008022)		0.68	0.001
E5697898 (5008023)		0.49	0.002
E5697899 (5008024)		0.34	0.002
E5697900 (5008025)		0.15	0.005
E5697901 (5008026)		0.36	0.003
E5697902 (5008027)		0.47	0.001
E5697903 (5008028)		0.50	0.003
E5697904 (5008029)		0.49	0.010
E5697905 (5008030)		0.45	0.004
E5697906 (5008031)		0.25	0.004
E5697907 (5008032)		0.13	0.009
E5697908 (5008033)		0.44	0.002
E5697909 (5008034)		0.65	0.002
E5697910 (5008035)		0.69	0.002
E5697911 (5008036)		0.14	0.011
E5697912 (5008037)		0.27	0.007
E5697913 (5008038)		0.18	0.003
E5697914 (5008039)		0.29	0.018
E5697915 (5008040)		0.28	0.004
E5697916 (5008041)		0.58	0.001
E5697917 (5008042)		0.33	0.004
E5697918 (5008043)		0.32	<0.001
E5697919 (5008044)		0.61	0.006
E5697920 (5008045)		0.66	0.003
E5697921 (5008046)		0.56	0.003
E5697922 (5008047)		0.69	0.006
E5697923 (5008048)		0.21	0.009
E5697924 (5008049)		0.45	0.001
E5697925 (5008050)		0.38	0.003

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013      DATE RECEIVED: Nov 29, 2013      DATE REPORTED: Dec 11, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697926 (5008051)		0.19	0.033
E5697927 (5008052)		0.21	0.006
E5697928 (5008053)		0.41	0.004
E5697929 (5008054)		0.23	0.005
E5697930 (5008055)		0.12	0.009
E5697931 (5008056)		0.24	0.008
E5697932 (5008057)		0.26	0.003
E5697933 (5008058)		0.56	0.001
E5697934 (5008059)		0.46	0.001
E5697935 (5008060)		0.46	0.007
E5697936 (5008061)		0.19	0.008
E5697937 (5008062)		0.45	0.002
E5697938 (5008063)		0.56	0.001
E5697939 (5008064)		0.38	0.005
E5697940 (5008065)		0.28	0.007
E5697941 (5008066)		0.28	0.002
E5697942 (5008067)		0.25	0.008
E5697943 (5008068)		0.26	0.003
E5697944 (5008069)		0.21	0.006
E5697945 (5008070)		0.31	0.009
E5697946 (5008071)		0.32	0.002
E5697947 (5008072)		0.27	0.004
E5697948 (5008073)		0.43	0.002
E5697949 (5008074)		0.51	0.002
E5697950 (5008075)		0.43	0.003
E5697951 (5008076)		0.49	0.002
E5697952 (5008077)		0.46	0.001
E5697953 (5008078)		0.38	0.005
E5697954 (5008079)		0.54	0.001
E5697955 (5008080)		0.42	0.002
E5697956 (5008081)		0.46	0.004

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697957 (5008082)		0.41	0.002
E5697958 (5008083)		0.24	0.005
E5697959 (5008084)		0.24	0.005
E5697960 (5008085)		0.27	0.004
E5697961 (5008086)		0.29	0.003
E5697962 (5008087)		0.37	0.004
E5697963 (5008088)		0.07	0.007
E5697964 (5008089)		0.35	0.004
E5697965 (5008090)		0.66	0.005
E5697966 (5008091)		0.33	0.005
E5697967 (5008092)		0.42	0.001
E5697968 (5008094)		0.20	0.012
E5697969 (5008095)		0.25	0.005
E5697970 (5008096)		0.30	0.004
E5697971 (5008097)		0.25	0.005
E5697972 (5008098)		0.34	0.002
E5697973 (5008099)		0.26	0.002
E5697974 (5008100)		0.45	0.002
E5697975 (5008101)		0.33	0.004
E5697976 (5008102)		0.31	0.006
E5697977 (5008103)		0.31	0.004
E5697978 (5008104)		0.34	0.006
E5697979 (5008105)		0.29	0.006
E5697980 (5008106)		0.26	0.016
E5697981 (5008107)		0.27	0.007
E5697982 (5008108)		0.38	0.017
E5697983 (5008109)		0.31	0.005
E5697984 (5008110)		0.43	<0.001
E5697985 (5008111)		0.51	0.002
E5697986 (5008112)		0.33	0.006
E5697987 (5008113)		0.45	0.001

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DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5697988 (5008114)		0.61	0.002
E5697989 (5008115)		0.34	0.001
E5697990 (5008116)		0.49	0.001
E5697991 (5008117)		0.26	0.001
E5697992 (5008118)		0.27	0.003
E5697993 (5008119)		0.31	0.002
E5697994 (5008120)		0.32	0.024
E5697995 (5008121)		0.47	0.002
E5697996 (5008122)		0.31	0.005
E5697997 (5008123)		0.61	0.005
E5697998 (5008124)		0.56	0.003
E5697999 (5008125)		0.55	0.007
E5698000 (5008126)		0.64	0.014
E5698001 (5008127)		0.61	0.002
E5698002 (5008128)		0.43	0.005
E5698003 (5008129)		0.44	0.002
E5698004 (5008130)		0.41	0.001
E5698005 (5008131)		0.56	0.001
E5698006 (5008132)		0.59	0.003
E5698007 (5008133)		0.51	0.001
E5698008 (5008134)		0.57	0.014
E5698009 (5008135)		0.44	0.002
E5698010 (5008136)		0.44	0.002
E5698011 (5008137)		0.47	0.002
E5698012 (5008138)		0.58	0.004
E5698013 (5008139)		0.55	0.026
E5698014 (5008140)		0.41	0.004
E5698015 (5008141)		0.61	0.005
E5698016 (5008142)		0.52	0.003
E5698017 (5008143)		0.41	0.007
E5698018 (5008144)		0.56	0.002

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5698019 (5008145)		0.48	<0.001
E5698020 (5008146)		0.54	0.003
E5698021 (5008147)		0.49	<0.001
E5698022 (5008148)		0.64	0.001
E5698023 (5008149)		0.55	0.015
E5698024 (5008150)		0.51	<0.001
E5698025 (5008151)		0.27	0.008
E5698026 (5008152)		0.44	0.009
E5698027 (5008153)		0.46	0.003
E5698028 (5008154)		0.53	0.003
E5698029 (5008155)		0.48	0.001
E5698030 (5008156)		0.41	0.006
E5698031 (5008157)		0.49	0.008

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	E5697933	< 0.2	< 0.2	0.0%	E5697945	< 0.2	< 0.2	0.0%								
Al	E5697933	2.56	2.57	0.4%	E5697945	1.73	1.70	1.7%								
As	E5697933	2	< 1		E5697945	< 1	< 1	0.0%								
B	E5697933	6	7	15.4%	E5697945	< 5	< 5	0.0%								
Ba	E5697933	143	146	2.1%	E5697945	42	42	0.0%								
Be	E5697933	0.85	0.81	4.8%	E5697945	< 0.5	< 0.5	0.0%								
Bi	E5697933	< 1	< 1	0.0%	E5697945	< 1	< 1	0.0%								
Ca	E5697933	0.524	0.531	1.3%	E5697945	0.777	0.755	2.9%								
Cd	E5697933	< 0.5	< 0.5	0.0%	E5697945	< 0.5	< 0.5	0.0%								
Ce	E5697933	57	57	0.0%	E5697945	11	10	9.5%								
Co	E5697933	16.9	17.2	1.8%	E5697945	32.8	32.3	1.5%								
Cr	E5697933	78.2	77.4	1.0%	E5697945	117	115	1.7%								
Cu	E5697933	21.7	21.6	0.5%	E5697945	11.6	11.6	0.0%								
Fe	E5697933	2.97	3.00	1.0%	E5697945	3.66	3.62	1.1%								
Ga	E5697933	11	10	9.5%	E5697945	15	14	6.9%								
Hg	E5697933	< 1	1		E5697945	1	< 1									
In	E5697933	< 1	< 1	0.0%	E5697945	3	< 1									
K	E5697933	0.30	0.30	0.0%	E5697945	0.066	0.062	6.3%								
La	E5697933	24	24	0.0%	E5697945	4	4	0.0%								
Li	E5697933	29	29	0.0%	E5697945	8	7	13.3%								
Mg	E5697933	0.98	0.98	0.0%	E5697945	1.17	1.17	0.0%								
Mn	E5697933	620	626	1.0%	E5697945	1350	1310	3.0%								
Mo	E5697933	2.0	3.1		E5697945	3.04	3.73	20.4%								
Na	E5697933	0.06	0.06	0.0%	E5697945	0.05	0.05	0.0%								
Ni	E5697933	43.1	42.1	2.3%	E5697945	56.6	55.5	2.0%								
P	E5697933	269	250	7.3%	E5697945	456	441	3.3%								
Pb	E5697933	18.1	15.0	18.7%	E5697945	9.84	12.9	26.9%								
Rb	E5697933	69	68	1.5%	E5697945	13	12	8.0%								
S	E5697933	0.009	0.009	0.0%	E5697945	0.020	0.019	5.1%								
Sb	E5697933	1	< 1		E5697945	< 1	< 1	0.0%								
Sc	E5697933	8.5	8.5	0.0%	E5697945	5.5	5.4	1.8%								



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Se	E5697933	< 10	< 10	0.0%	E5697945	10	10	0.0%								
Sn	E5697933	12	11	8.7%	E5697945	20	18	10.5%								
Sr	E5697933	36.7	37.7	2.7%	E5697945	21.4	19.9	7.3%								
Ta	E5697933	< 10	< 10	0.0%	E5697945	< 10	< 10	0.0%								
Te	E5697933	< 10	< 10	0.0%	E5697945	< 10	< 10	0.0%								
Th	E5697933	6	6	0.0%	E5697945	< 5	< 5	0.0%								
Ti	E5697933	0.17	0.17	0.0%	E5697945	0.32	0.32	0.0%								
Tl	E5697933	< 5	21		E5697945	< 5	< 5	0.0%								
U	E5697933	< 5	< 5	0.0%	E5697945	< 5	< 5	0.0%								
V	E5697933	71.8	71.3	0.7%	E5697945	149	144	3.4%								
W	E5697933	< 1	< 1	0.0%	E5697945	< 1	< 1	0.0%								
Y	E5697933	10	10	0.0%	E5697945	4	4	0.0%								
Zn	E5697933	50.5	52.8	4.5%	E5697945	44.0	42.0	4.7%								
Zr	E5697933	14	14	0.0%	E5697945	6	6	0.0%								

**Fire Assay - Trace Au, ICP-OES finish (202052)**

	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	E5697864	0.006	0.005	18.2%	E5697964	0.004	0.003	28.6%	E5697889	0.003	0.004	28.6%	E5697987	0.001	0.001	0.0%
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5697914	0.018	0.016	11.8%	E5697928	0.004	0.003	28.6%	E5697937	0.002	0.002	0.0%	E5698012	0.004	0.003	28.6%
	REPLICATE #9															
Parameter	Sample ID	Original	Replicate	RPD												
Au	E5698026	0.009	0.007	25.0%												



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

**Aqua Regia Digest - Metals Package, ICP-OES finish (201073)**

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (GS6D)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	168	91%	90% - 110%	184	169	92%	90% - 110%	184	171	93%	90% - 110%				
Cu	3494	3366	96%	90% - 110%	3494	3396	97%	90% - 110%	3494	3481	100%	90% - 110%				
Ni	2985	2773	93%	90% - 110%	2985	2777	93%	90% - 110%	2985	2811	94%	90% - 110%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	CRM #1 (GS6D)				CRM #2 (1P5K)				CRM #3 (GS6D)				CRM #4 (GS6D)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.09	5.78	95%	90% - 110%	1.44	1.43	100%	90% - 110%	6.09	6.08	100%	90% - 110%	6.09	6.21	102%	90% - 110%

Parameter	CRM #5 (CM14)				CRM #6 (1P5K)				CRM #7 (CM14)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.792	0.856	108%	90% - 110%	1.44	1.45	100%	90% - 110%	0.792	0.762	96%	90% - 110%				





## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U788477

PROJECT NO: SOIL SAMPLING PROJECT

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: SOIL SAMPLING PROJECT

AGAT WORK ORDER: 13U788488

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Dec 11, 2013

PAGES (INCLUDING COVER): 30

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U788488

PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 11, 2013				SAMPLE TYPE: Soil							
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697720 (5008188)	<0.2	0.99	<1	5	22	<0.5	<1	0.22	<0.5	15	6.7	29.7	8.5	1.24
E5697721 (5008189)	<0.2	0.24	2	5	46	<0.5	<1	0.15	1.5	7	1.6	7.0	23.4	0.32
E5697722 (5008190)	<0.2	0.73	<1	5	19	<0.5	<1	0.19	<0.5	14	5.8	21.1	8.5	0.94
E5697723 (5008191)	<0.2	0.10	3	5	66	<0.5	<1	0.39	0.9	1	1.3	3.1	15.8	0.16
E5697724 (5008192)	0.3	2.90	14	5	87	0.8	<1	2.14	2.1	54	41.8	46.5	42.4	1.60
E5697725 (5008193)	<0.2	0.82	<1	5	13	<0.5	<1	0.16	<0.5	11	3.6	28.2	10.3	1.02
E5697726 (5008194)	<0.2	0.74	<1	5	20	<0.5	<1	0.17	<0.5	13	6.6	26.3	5.7	1.08
E5697727 (5008195)	<0.2	0.30	1	5	31	<0.5	<1	0.07	<0.5	14	1.5	6.2	5.1	0.30
E5697728 (5008196)	<0.2	0.77	<1	5	16	<0.5	<1	0.26	<0.5	8	7.6	34.3	7.3	1.40
E5697729 (5008197)	<0.2	0.22	4	5	45	<0.5	<1	0.33	1.2	3	2.0	11.6	23.7	0.25
E5697730 (5008198)	<0.2	0.91	<1	5	16	<0.5	<1	0.17	<0.5	9	5.1	30.2	8.9	3.15
E5697731 (5008199)	<0.2	0.88	<1	5	12	<0.5	<1	0.17	<0.5	12	6.0	23.3	7.5	3.21
E5697732 (5008200)	<0.2	1.75	3	5	19	<0.5	<1	0.43	<0.5	11	18.1	83.3	20.4	3.40
E5697733 (5008201)	<0.2	0.92	<1	5	11	<0.5	<1	0.24	<0.5	7	10.4	47.2	13.9	1.84
E5697734 (5008202)	<0.2	0.81	2	5	16	<0.5	<1	0.15	<0.5	11	3.7	30.6	10.1	2.37
E5697735 (5008203)	<0.2	0.48	<1	5	17	<0.5	<1	0.22	<0.5	12	1.9	7.5	9.2	0.43
E5697736 (5008204)	<0.2	0.48	2	5	33	<0.5	<1	0.10	1.0	4	1.7	7.1	43.5	0.60
E5697737 (5008205)	<0.2	0.33	3	5	30	<0.5	<1	0.13	<0.5	11	2.9	15.8	11.7	1.10
E5697738 (5008206)	<0.2	1.31	3	5	22	<0.5	<1	0.68	<0.5	8	14.2	53.3	15.0	2.53
E5697739 (5008207)	<0.2	1.29	6	5	40	<0.5	<1	0.07	0.9	10	1.8	33.4	84.4	1.41
E5697740 (5008208)	0.3	1.58	6	5	71	0.9	<1	1.08	0.8	27	8.9	19.8	66.2	1.31
E5697741 (5008209)	0.3	1.39	4	5	106	0.6	<1	0.77	0.7	28	2.9	8.3	25.7	0.71
E5697742 (5008210)	<0.2	2.31	<1	5	66	<0.5	<1	0.85	<0.5	28	18.9	82.7	21.6	3.55
E5697743 (5008211)	<0.2	0.82	<1	5	27	<0.5	<1	0.23	<0.5	11	5.4	24.1	6.8	1.07
E5697744 (5008212)	<0.2	2.52	<1	5	134	<0.5	<1	0.96	<0.5	41	15.2	55.1	16.1	1.86
E5697745 (5008213)	<0.2	1.92	<1	5	24	<0.5	<1	0.32	<0.5	12	10.6	59.2	14.1	2.59
E5697746 (5008214)	<0.2	2.44	2	5	27	<0.5	<1	0.51	<0.5	13	17.6	59.1	21.3	3.10
E5697747 (5008215)	<0.2	2.55	<1	5	15	<0.5	<1	0.35	<0.5	12	14.0	74.4	21.9	3.05
E5697748 (5008216)	<0.2	0.43	1	5	51	<0.5	<1	0.22	0.7	9	4.1	12.0	17.4	0.49
E5697749 (5008217)	<0.2	0.32	<1	5	47	<0.5	<1	0.23	<0.5	7	2.5	9.9	12.3	0.47
E5697750 (5008218)	<0.2	0.50	1	5	68	<0.5	<1	0.25	0.5	11	5.2	17.4	15.2	0.79
E5697751 (5008219)	<0.2	0.76	<1	5	18	<0.5	<1	0.12	<0.5	11	2.6	13.4	4.7	0.65

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488

PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 11, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697752 (5008220)	<0.2	0.67	<1	5	32	<0.5	<1	0.29	<0.5	7	7.7	26.2	8.2	1.55
E5697753 (5008221)	<0.2	0.60	1	5	36	<0.5	<1	0.37	<0.5	19	6.8	11.1	10.3	1.82
E5697754 (5008222)	<0.2	0.50	<1	5	15	<0.5	<1	0.14	<0.5	16	1.4	12.9	8.7	0.47
E5697755 (5008223)	<0.2	1.38	<1	5	17	<0.5	<1	0.40	<0.5	10	12.8	50.1	15.0	2.45
E5697756 (5008224)	<0.2	0.87	<1	5	23	<0.5	<1	0.14	<0.5	13	4.4	16.0	18.0	1.24
E5697757 (5008225)	0.2	0.26	4	5	62	<0.5	<1	0.79	1.4	5	3.5	6.4	29.6	0.43
E5697758 (5008226)	0.2	2.59	<1	5	54	0.9	<1	0.45	<0.5	42	21.5	41.7	53.4	3.09
E5697759 (5008227)	<0.2	1.22	<1	5	28	<0.5	<1	0.14	<0.5	9	5.0	28.9	7.4	2.49
E5697760 (5008228)	<0.2	0.91	<1	5	26	<0.5	<1	0.24	<0.5	13	5.4	29.2	8.9	1.07
E5697761 (5008229)	<0.2	1.28	4	5	59	<0.5	<1	0.48	0.9	16	5.4	26.4	26.6	1.66
E5697762 (5008230)	<0.2	0.55	<1	5	23	<0.5	<1	0.23	<0.5	14	5.8	33.2	7.1	1.27
E5697763 (5008231)	<0.2	0.71	3	5	15	<0.5	<1	0.30	<0.5	7	7.0	26.0	6.8	1.35
E5697764 (5008232)	<0.2	0.32	<1	5	15	<0.5	<1	0.18	<0.5	8	1.9	12.8	3.4	0.39
E5697765 (5008233)	<0.2	0.47	1	5	28	<0.5	<1	0.27	<0.5	8	1.8	14.6	6.5	0.42
E5697766 (5008234)	<0.2	0.37	4	5	14	<0.5	<1	0.22	<0.5	6	2.3	14.0	2.4	0.46
E5697767 (5008235)	0.2	1.48	<1	5	81	<0.5	<1	0.52	<0.5	24	3.3	35.6	17.4	0.72
E5697768 (5008236)	<0.2	1.24	<1	5	19	<0.5	<1	0.23	<0.5	9	8.2	56.0	9.8	2.31
E5697769 (5008237)	<0.2	0.39	<1	5	17	<0.5	<1	0.18	<0.5	9	3.2	12.8	4.2	0.84
E5697770 (5008238)	<0.2	0.32	5	5	68	<0.5	<1	0.22	1.2	7	3.7	10.5	25.9	0.68
E5697771 (5008239)	<0.2	0.61	<1	5	12	<0.5	<1	0.11	<0.5	13	3.7	19.3	5.0	0.68
E5697772 (5008240)	<0.2	0.56	<1	5	25	<0.5	<1	0.13	<0.5	12	3.3	16.4	8.9	1.51
E5697773 (5008241)	<0.2	0.30	2	5	11	<0.5	<1	0.05	<0.5	14	1.6	5.4	2.3	0.44
E5697774 (5008242)	<0.2	0.53	1	5	17	<0.5	<1	0.30	<0.5	9	5.2	17.3	6.1	1.17
E5697775 (5008243)	<0.2	0.48	<1	5	25	<0.5	<1	0.09	0.6	12	1.5	4.7	19.4	0.46
E5697776 (5008244)	<0.2	0.35	<1	5	25	<0.5	<1	0.06	0.8	8	2.5	6.1	17.7	0.36
E5697777 (5008245)	<0.2	1.44	<1	5	50	<0.5	<1	0.61	0.8	14	15.3	22.2	20.9	4.88
E5697778 (5008246)	<0.2	1.20	4	5	40	<0.5	<1	0.34	<0.5	13	6.4	33.6	13.4	1.83
E5697779 (5008247)	<0.2	0.65	2	5	17	<0.5	<1	0.20	<0.5	9	5.1	19.6	4.4	1.05
E5697780 (5008248)	<0.2	0.29	<1	5	42	<0.5	<1	0.21	1.2	3	3.3	12.4	23.8	0.46
E5697781 (5008249)	<0.2	0.84	2	5	40	<0.5	<1	0.42	<0.5	21	1.5	16.0	5.8	0.96
E5697782 (5008250)	<0.2	0.91	<1	5	33	<0.5	<1	0.31	<0.5	29	3.3	22.9	5.8	0.61
E5697783 (5008251)	<0.2	0.31	6	5	37	<0.5	<1	0.23	0.9	5	2.6	12.3	13.5	0.47

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013			DATE REPORTED: Dec 11, 2013			SAMPLE TYPE: Soil							
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697784 (5008252)	<0.2	0.90	<1	5	33	<0.5	<1	0.21	<0.5	10	6.1	24.3	13.3	1.32
E5697785 (5008253)	<0.2	1.26	3	5	27	<0.5	<1	0.30	<0.5	13	11.8	38.7	16.1	2.25
E5697786 (5008254)	0.2	1.40	2	5	61	0.6	<1	0.17	0.7	18	7.8	21.8	43.2	1.12
E5697787 (5008255)	<0.2	1.27	12	5	34	<0.5	<1	0.28	1.0	8	4.5	71.9	104	2.38
E5697788 (5008256)	<0.2	0.95	<1	5	10	<0.5	<1	0.07	<0.5	14	1.9	18.1	4.7	0.69
E5697789 (5008257)	<0.2	0.66	1	5	32	<0.5	<1	0.07	0.7	12	4.6	10.7	42.5	1.18
E5697790 (5008258)	<0.2	1.20	<1	5	24	<0.5	<1	0.23	<0.5	16	8.0	29.5	9.8	1.35
E5697791 (5008259)	<0.2	0.20	<1	5	38	<0.5	<1	0.13	<0.5	12	1.3	8.6	10.1	0.21
E5697792 (5008260)	<0.2	2.85	1	5	100	<0.5	<1	0.32	<0.5	29	13.4	78.7	16.6	3.53
E5697793 (5008261)	<0.2	0.28	<1	5	34	<0.5	<1	0.08	<0.5	12	1.1	8.7	4.7	0.19
E5697794 (5008262)	<0.2	0.33	<1	5	104	<0.5	<1	0.20	1.0	12	2.7	9.2	14.7	0.35
E5697795 (5008263)	<0.2	1.77	<1	5	29	<0.5	<1	0.19	<0.5	13	6.3	38.9	4.8	2.01
E5697796 (5008264)	<0.2	1.11	<1	5	36	<0.5	<1	0.15	<0.5	24	6.3	26.6	18.6	1.15
E5697797 (5008265)	<0.2	1.20	10	5	46	<0.5	<1	0.27	1.2	10	2.3	44.7	53.8	0.97
E5697798 (5008266)	<0.2	0.92	4	5	28	<0.5	<1	0.23	0.6	11	2.4	38.7	37.2	1.12
E5697799 (5008267)	<0.2	0.31	<1	5	11	<0.5	<1	0.06	<0.5	11	2.0	7.9	4.5	0.63
E5697800 (5008268)	<0.2	0.58	<1	5	45	<0.5	<1	0.15	1.0	11	2.9	15.4	33.8	0.56
E5697801 (5008269)	<0.2	0.74	2	5	39	<0.5	<1	0.10	<0.5	8	3.2	30.1	18.5	2.12
E5697802 (5008270)	<0.2	0.52	<1	5	18	<0.5	<1	0.08	<0.5	15	2.4	11.1	3.6	1.03
E5697803 (5008271)	<0.2	1.12	4	5	60	<0.5	<1	0.11	1.1	10	3.1	33.8	49.1	0.57
E5697804 (5008272)	<0.2	0.48	<1	5	11	<0.5	<1	0.03	<0.5	13	1.8	6.7	4.6	0.24
E5697805 (5008273)	<0.2	0.70	3	5	39	<0.5	<1	0.10	1.5	12	4.2	10.0	35.4	0.97
E5697806 (5008274)	<0.2	0.63	4	5	25	<0.5	<1	0.08	0.7	14	3.6	8.7	29.2	0.68
E5697807 (5008275)	<0.2	0.37	<1	5	23	<0.5	<1	0.07	<0.5	13	2.2	5.4	14.3	0.46
E5697808 (5008276)	<0.2	1.34	<1	5	12	<0.5	<1	0.12	<0.5	14	3.4	24.7	6.0	1.41
E5697809 (5008277)	<0.2	1.18	16	5	135	<0.5	<1	1.59	1.6	30	85.4	26.1	19.2	2.41
E5697810 (5008278)	<0.2	1.81	<1	5	86	<0.5	<1	0.44	<0.5	43	18.0	59.5	13.3	2.30
E5697811 (5008279)	<0.2	0.99	<1	5	34	<0.5	<1	0.26	<0.5	17	7.8	40.7	9.5	1.46
E5697812 (5008280)	<0.2	0.88	<1	5	20	<0.5	<1	0.37	<0.5	16	9.8	37.4	16.5	1.49
E5697813 (5008281)	<0.2	0.91	<1	5	16	<0.5	<1	0.06	<0.5	12	3.0	15.4	6.9	2.20
E5697814 (5008282)	<0.2	0.28	<1	5	36	<0.5	<1	0.10	<0.5	11	1.3	5.5	6.9	0.50
E5697815 (5008283)	<0.2	1.60	<1	5	23	<0.5	<1	0.72	0.6	9	12.3	70.5	21.5	2.19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488

PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %
E5697816 (5008284)		<0.2	1.27	<1	5	24	<0.5	<1	0.11	<0.5	11	6.6	37.7	7.4	3.82
E5697817 (5008285)		<0.2	0.22	2	5	19	<0.5	<1	0.06	<0.5	12	1.2	7.4	5.3	0.46
E5697818 (5008286)		<0.2	0.61	<1	5	16	<0.5	<1	0.08	<0.5	15	4.9	13.7	7.8	0.78
E5697819 (5008287)		<0.2	1.56	2	5	17	<0.5	<1	0.07	<0.5	13	15.3	18.9	12.2	4.09
E5697820 (5008288)		<0.2	0.65	13	5	13	<0.5	<1	0.06	<0.5	15	2.6	22.4	5.6	1.09
E5697821 (5008289)		0.5	1.93	2	5	48	0.9	<1	1.85	1.3	45	8.7	9.8	54.6	0.28
E5697822 (5008290)		0.3	1.20	5	5	79	<0.5	<1	2.54	0.7	43	4.6	13.4	32.6	0.38
E5697823 (5008291)		<0.2	1.05	<1	5	24	<0.5	<1	0.13	<0.5	16	6.8	29.4	12.7	1.90
E5697824 (5008292)		<0.2	0.72	7	5	50	<0.5	<1	0.28	<0.5	6	3.1	15.1	27.4	1.19
E5697825 (5008293)		0.3	2.28	3	5	89	0.6	<1	0.24	<0.5	21	53.2	54.4	24.6	3.55
E5697826 (5008294)		<0.2	1.79	1	5	21	<0.5	<1	0.08	<0.5	12	4.1	36.3	15.0	3.38
E5697827 (5008295)		<0.2	0.83	<1	5	23	<0.5	<1	0.21	<0.5	12	4.0	22.8	4.3	0.74
E5697828 (5008296)		<0.2	1.33	<1	5	59	<0.5	<1	0.19	<0.5	18	4.9	28.5	20.8	1.44
E5697829 (5008297)		0.2	1.39	7	5	90	<0.5	<1	0.50	0.8	22	54.0	32.6	27.6	3.20
E5697830 (5008298)		<0.2	0.70	3	5	19	<0.5	<1	0.09	<0.5	15	3.7	12.5	7.0	0.98
E5697831 (5008299)		<0.2	1.02	2	5	11	<0.5	<1	0.04	<0.5	14	4.4	14.6	13.2	2.52
E5697832 (5008300)		<0.2	0.21	<1	5	6	<0.5	<1	0.02	<0.5	12	1.0	2.5	2.5	0.10
E5697833 (5008301)		<0.2	1.42	<1	5	58	<0.5	<1	0.50	<0.5	30	12.3	52.0	15.1	1.98
E5697834 (5008302)		<0.2	0.23	<1	5	18	<0.5	<1	0.08	<0.5	16	2.7	4.3	6.6	0.42
E5697835 (5008303)		<0.2	0.20	<1	5	19	<0.5	<1	0.06	<0.5	15	1.1	3.5	4.6	0.16
E5697836 (5008304)		<0.2	0.85	<1	5	14	<0.5	<1	0.08	<0.5	13	3.0	17.8	9.0	0.87
E5697837 (5008305)		<0.2	1.56	<1	5	53	<0.5	<1	0.30	<0.5	18	9.8	41.6	9.5	1.71
E5697838 (5008306)		<0.2	1.38	3	5	65	<0.5	<1	0.50	<0.5	25	8.8	43.3	6.7	1.54
E5697839 (5008307)		<0.2	3.11	4	5	157	1.0	<1	0.82	<0.5	62	24.4	88.4	23.9	4.03
E5697840 (5008308)		<0.2	4.29	4	11	236	1.1	<1	1.31	<0.5	65	16.7	97.1	28.0	4.41
E5697841 (5008309)		<0.2	0.38	<1	5	14	<0.5	<1	0.14	<0.5	14	2.2	9.7	5.2	0.36
E5697842 (5008310)		0.3	1.43	3	5	54	0.6	<1	0.13	0.6	18	7.4	25.3	61.2	1.34
E5697843 (5008311)		<0.2	2.15	5	5	19	<0.5	<1	0.07	<0.5	13	5.0	30.5	11.1	5.00
E5697844 (5008312)		<0.2	1.10	<1	5	15	<0.5	<1	0.09	<0.5	10	3.8	23.1	3.8	1.32
E5697845 (5008313)		<0.2	2.97	<1	6	156	0.8	<1	0.51	<0.5	44	16.3	69.5	18.5	2.75
E5697846 (5008314)		<0.2	0.22	1	5	23	<0.5	<1	0.14	<0.5	13	2.2	4.8	12.4	1.13
E5697847 (5008315)		<0.2	0.92	3	6	42	<0.5	<1	0.37	1.0	11	12.2	72.4	20.4	2.19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 11, 2013		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5697848 (5008316)	<0.2	1.19	<1	<5	37	<0.5	<1	0.40	0.5	10	14.3	35.6	31.9	2.53
E5697849 (5008317)	<0.2	0.47	3	<5	61	<0.5	<1	0.26	1.3	3	7.2	12.7	30.8	1.09
E5697850 (5008318)	<0.2	1.73	<1	<5	80	<0.5	<1	0.47	<0.5	34	12.5	57.7	8.0	2.08
E5697851 (5008319)	<0.2	0.23	2	<5	15	<0.5	<1	0.09	<0.5	13	1.7	4.5	7.2	0.32
E5697852 (5008320)	<0.2	2.99	<1	<5	82	0.6	<1	0.23	<0.5	25	10.9	61.1	14.5	3.35
E5697853 (5008321)	<0.2	0.86	<1	<5	15	<0.5	<1	0.33	<0.5	10	6.4	26.3	4.1	1.24
E5697854 (5008322)	<0.2	1.28	<1	5	18	<0.5	<1	0.36	<0.5	10	14.4	58.3	7.8	3.20
E5697855 (5008323)	<0.2	0.44	<1	<5	18	<0.5	<1	0.14	<0.5	18	3.8	6.3	5.1	0.90
E5697856 (5008324)	<0.2	2.08	<1	<5	104	<0.5	<1	0.26	<0.5	23	12.4	48.9	18.2	2.28
E5697857 (5008325)	<0.2	0.34	2	<5	25	<0.5	<1	0.13	<0.5	13	1.6	10.5	3.2	0.47
E5697858 (5008326)	<0.2	1.86	<1	<5	42	<0.5	<1	0.57	<0.5	21	10.0	43.1	27.6	1.60
E5697859 (5008327)	<0.2	0.42	<1	<5	22	<0.5	<1	0.11	<0.5	12	3.1	7.9	8.6	0.55
E5697860 (5008328)	0.2	1.05	7	<5	54	<0.5	<1	0.49	<0.5	13	11.0	20.7	29.0	1.83
E5697861 (5008329)	<0.2	1.15	3	<5	29	<0.5	<1	0.39	<0.5	19	8.0	36.9	18.4	1.43
E5697862 (5008330)	<0.2	4.38	<1	<5	15	0.5	<1	0.09	<0.5	15	5.1	48.8	10.9	3.93
E5697863 (5008331)	<0.2	0.70	<1	<5	26	<0.5	<1	0.09	0.5	17	5.1	12.4	27.1	1.45

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## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697720 (5008188)	5	<1	<1	0.05	7	6	0.37	157	0.8	0.01	18.3	420	11.1	<10	
E5697721 (5008189)	<5	<1	<1	0.04	3	<1	0.05	48	1.8	<0.01	9.3	402	60.2	<10	
E5697722 (5008190)	6	<1	1	0.03	7	4	0.25	110	<0.5	0.01	12.1	156	8.4	<10	
E5697723 (5008191)	<5	<1	<1	0.07	<1	<1	0.08	283	2.4	<0.01	7.4	632	31.1	<10	
E5697724 (5008192)	8	<1	<1	0.03	22	6	0.15	2640	2.7	<0.01	31.5	2500	36.5	<10	
E5697725 (5008193)	<5	<1	<1	0.02	6	1	0.28	72	1.8	<0.01	7.8	169	7.2	<10	
E5697726 (5008194)	<5	<1	1	0.04	6	5	0.31	164	1.6	0.01	14.2	182	9.8	<10	
E5697727 (5008195)	<5	<1	<1	0.03	7	<1	0.04	25	1.2	0.01	3.2	160	10.2	<10	
E5697728 (5008196)	7	<1	2	0.02	4	5	0.42	168	0.7	0.02	16.2	134	8.3	<10	
E5697729 (5008197)	<5	<1	<1	0.06	1	<1	0.07	37	2.2	<0.01	10.5	666	63.7	<10	
E5697730 (5008198)	12	1	5	0.03	4	3	0.24	95	1.6	0.01	10.6	209	10.5	<10	
E5697731 (5008199)	16	2	5	0.03	5	3	0.22	116	1.4	<0.01	7.7	207	9.5	<10	
E5697732 (5008200)	9	<1	3	0.04	5	14	1.28	384	1.2	0.02	43.9	479	7.9	<10	
E5697733 (5008201)	7	<1	<1	0.03	3	7	0.57	257	0.6	0.02	22.5	134	3.6	<10	
E5697734 (5008202)	10	<1	2	0.04	5	3	0.15	91	0.8	<0.01	7.9	247	13.9	<10	
E5697735 (5008203)	5	4	<1	0.03	6	<1	0.04	44	1.7	0.01	3.2	158	19.3	<10	
E5697736 (5008204)	<5	1	<1	0.06	2	<1	0.05	61	1.9	<0.01	13.0	839	83.3	<10	
E5697737 (5008205)	<5	<1	1	0.04	5	<1	0.10	54	1.1	0.02	6.9	230	24.8	<10	
E5697738 (5008206)	8	<1	<1	0.03	4	5	0.73	312	2.1	0.01	30.8	375	12.2	<10	
E5697739 (5008207)	6	<1	1	0.04	5	<1	0.05	33	1.6	<0.01	14.1	987	22.7	<10	
E5697740 (5008208)	5	<1	<1	0.05	13	5	0.13	120	2.6	<0.01	27.2	1050	35.3	<10	
E5697741 (5008209)	<5	3	<1	0.02	13	<1	0.06	52	2.6	<0.01	13.3	1480	14.2	<10	
E5697742 (5008210)	12	<1	4	0.11	13	18	1.17	398	1.9	0.04	45.1	554	16.1	22	
E5697743 (5008211)	<5	<1	<1	0.05	5	7	0.31	104	2.0	0.01	14.0	315	7.2	<10	
E5697744 (5008212)	9	<1	<1	0.11	16	25	0.54	403	2.2	0.02	35.8	875	17.5	24	
E5697745 (5008213)	6	<1	<1	0.04	6	11	0.53	202	1.2	0.01	29.4	366	8.7	<10	
E5697746 (5008214)	9	<1	1	0.04	6	11	0.85	394	1.4	0.02	36.0	375	6.9	<10	
E5697747 (5008215)	8	<1	4	0.02	5	10	0.77	303	0.7	0.01	36.1	496	7.7	<10	
E5697748 (5008216)	<5	2	<1	0.05	5	<1	0.11	51	1.6	0.01	13.6	552	38.2	<10	
E5697749 (5008217)	<5	<1	1	0.05	3	<1	0.08	32	1.8	0.01	10.5	340	37.2	<10	
E5697750 (5008218)	<5	<1	<1	0.04	5	2	0.17	132	1.7	0.01	16.2	320	42.6	<10	
E5697751 (5008219)	<5	1	<1	0.03	5	4	0.14	56	<0.5	0.01	6.4	161	3.9	<10	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013						DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697752 (5008220)	7	<1	1	0.03	3	3	0.34	226	1.6	0.01	15.5	199	13.1	<10	
E5697753 (5008221)	7	<1	<1	0.05	7	2	0.22	215	1.8	0.01	11.2	637	23.3	<10	
E5697754 (5008222)	<5	<1	<1	0.02	8	<1	0.08	36	<0.5	<0.01	6.4	171	15.6	<10	
E5697755 (5008223)	8	<1	3	0.04	5	7	0.76	269	1.6	0.02	29.2	281	7.6	<10	
E5697756 (5008224)	5	<1	3	0.05	6	3	0.14	73	1.8	0.01	10.4	498	10.1	<10	
E5697757 (5008225)	<5	<1	<1	0.07	3	<1	0.09	191	3.5	<0.01	15.2	925	78.1	14	
E5697758 (5008226)	11	2	2	0.03	15	12	0.23	1820	2.4	<0.01	24.0	1340	13.1	<10	
E5697759 (5008227)	9	1	2	0.02	5	4	0.21	130	<0.5	<0.01	11.3	367	9.5	<10	
E5697760 (5008228)	<5	<1	<1	0.05	6	7	0.31	105	1.8	0.01	15.8	452	8.4	<10	
E5697761 (5008229)	<5	1	3	0.06	7	7	0.14	304	3.2	<0.01	19.5	873	40.4	<10	
E5697762 (5008230)	6	<1	2	0.04	7	2	0.27	129	1.1	0.01	12.2	144	7.5	13	
E5697763 (5008231)	5	<1	<1	0.03	3	5	0.38	142	0.7	0.02	15.9	276	8.5	<10	
E5697764 (5008232)	<5	1	1	0.02	4	2	0.11	40	<0.5	0.01	6.0	173	8.4	<10	
E5697765 (5008233)	<5	<1	<1	0.02	4	2	0.12	41	0.9	0.01	7.4	402	11.2	<10	
E5697766 (5008234)	<5	4	<1	0.02	3	3	0.16	53	1.1	0.01	7.6	155	4.6	<10	
E5697767 (5008235)	5	<1	<1	0.08	12	5	0.15	46	2.3	0.01	17.6	1200	25.9	13	
E5697768 (5008236)	8	<1	1	0.04	5	7	0.49	168	1.2	0.02	23.6	334	14.3	<10	
E5697769 (5008237)	<5	<1	<1	0.03	4	<1	0.14	62	1.3	0.02	6.8	108	4.8	<10	
E5697770 (5008238)	<5	<1	<1	0.05	3	<1	0.11	70	1.3	0.01	16.6	462	83.2	<10	
E5697771 (5008239)	7	<1	<1	0.03	7	1	0.24	57	0.7	0.01	13.6	136	10.3	<10	
E5697772 (5008240)	7	2	1	0.04	6	2	0.13	71	1.2	0.01	6.8	365	18.5	<10	
E5697773 (5008241)	<5	<1	<1	0.02	7	<1	0.04	31	0.5	0.01	3.2	86	2.8	<10	
E5697774 (5008242)	5	<1	<1	0.03	4	2	0.23	119	1.6	0.02	9.8	142	13.5	<10	
E5697775 (5008243)	<5	<1	<1	0.04	6	<1	0.03	58	1.1	<0.01	6.0	338	20.8	<10	
E5697776 (5008244)	<5	<1	<1	0.04	4	<1	0.07	35	0.8	<0.01	8.5	377	22.8	<10	
E5697777 (5008245)	18	<1	1	0.04	5	3	0.35	357	3.0	0.02	16.3	1010	12.6	11	
E5697778 (5008246)	6	<1	<1	0.05	6	7	0.26	338	2.1	<0.01	17.9	687	22.0	<10	
E5697779 (5008247)	6	3	1	0.03	4	4	0.23	108	1.2	0.02	11.0	135	8.2	<10	
E5697780 (5008248)	<5	<1	<1	0.06	1	<1	0.11	211	2.2	<0.01	14.9	468	35.9	<10	
E5697781 (5008249)	<5	<1	<1	0.03	12	2	0.07	31	2.4	<0.01	7.2	657	16.5	<10	
E5697782 (5008250)	<5	1	<1	0.02	15	4	0.20	59	1.5	<0.01	11.1	500	4.5	<10	
E5697783 (5008251)	<5	<1	<1	0.04	2	1	0.12	47	1.3	0.01	12.1	389	37.4	<10	

Certified By:



## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013							DATE REPORTED: Dec 11, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697784 (5008252)	<5	<1	<1	0.04	5	5	0.33	102	2.7	0.02	14.8	766	19.7	<10	
E5697785 (5008253)	8	<1	2	0.04	6	8	0.54	288	1.3	0.01	28.4	316	9.8	<10	
E5697786 (5008254)	<5	<1	<1	0.08	8	3	0.24	131	1.9	0.01	30.0	930	28.4	<10	
E5697787 (5008255)	8	2	1	0.04	4	1	0.16	156	1.7	<0.01	15.6	910	63.7	<10	
E5697788 (5008256)	<5	<1	1	0.02	7	3	0.10	31	1.0	<0.01	6.1	285	5.2	<10	
E5697789 (5008257)	6	<1	<1	0.04	6	<1	0.05	45	1.1	<0.01	10.3	462	29.5	<10	
E5697790 (5008258)	6	1	<1	0.09	8	22	0.63	134	1.2	0.02	21.9	122	4.0	11	
E5697791 (5008259)	<5	<1	<1	0.02	6	<1	0.03	30	0.7	<0.01	5.9	179	19.8	<10	
E5697792 (5008260)	17	1	1	0.16	12	25	0.84	343	1.2	0.02	41.1	336	17.7	37	
E5697793 (5008261)	<5	1	<1	0.02	6	<1	0.03	22	0.9	<0.01	3.3	165	8.6	<10	
E5697794 (5008262)	<5	<1	<1	0.04	6	<1	0.04	57	1.2	<0.01	5.7	319	20.2	<10	
E5697795 (5008263)	7	<1	2	0.04	6	10	0.25	122	0.8	<0.01	18.0	525	7.5	<10	
E5697796 (5008264)	5	2	<1	0.05	11	11	0.23	308	1.2	<0.01	18.4	268	11.6	15	
E5697797 (5008265)	7	2	<1	0.06	5	<1	0.07	57	2.0	<0.01	15.5	1030	54.2	<10	
E5697798 (5008266)	7	<1	<1	0.03	5	<1	0.06	60	1.4	<0.01	7.1	519	23.3	<10	
E5697799 (5008267)	5	<1	2	0.02	5	<1	0.03	26	1.0	<0.01	4.7	136	6.1	<10	
E5697800 (5008268)	<5	2	<1	0.04	6	<1	0.08	43	1.0	<0.01	15.0	408	45.1	<10	
E5697801 (5008269)	9	<1	2	0.03	4	2	0.10	48	1.4	<0.01	12.4	443	31.6	<10	
E5697802 (5008270)	6	<1	<1	0.02	7	2	0.07	47	0.9	<0.01	4.1	142	4.1	<10	
E5697803 (5008271)	<5	1	<1	0.04	5	<1	0.07	30	1.5	<0.01	25.5	832	40.5	<10	
E5697804 (5008272)	5	<1	<1	0.01	6	<1	0.02	19	<0.5	<0.01	2.0	125	5.8	<10	
E5697805 (5008273)	5	1	<1	0.05	6	<1	0.04	54	1.7	<0.01	13.5	607	41.3	<10	
E5697806 (5008274)	<5	2	<1	0.03	7	<1	0.03	27	1.0	<0.01	8.9	359	36.8	<10	
E5697807 (5008275)	<5	<1	<1	0.03	6	<1	0.03	42	0.9	<0.01	5.0	476	19.3	<10	
E5697808 (5008276)	7	<1	<1	0.01	7	4	0.12	46	1.3	<0.01	8.9	263	6.7	<10	
E5697809 (5008277)	11	2	<1	0.08	10	6	0.21	5390	5.5	<0.01	21.2	1540	63.7	13	
E5697810 (5008278)	9	<1	<1	0.15	14	20	0.76	566	1.9	0.04	32.7	171	13.5	37	
E5697811 (5008279)	7	<1	<1	0.05	7	7	0.46	192	1.3	0.02	23.9	217	4.1	<10	
E5697812 (5008280)	<5	<1	<1	0.03	7	6	0.44	263	1.5	0.02	27.3	402	5.8	<10	
E5697813 (5008281)	12	<1	2	0.03	6	2	0.06	61	<0.5	<0.01	6.0	350	6.5	<10	
E5697814 (5008282)	<5	2	<1	0.03	6	<1	0.03	62	1.3	<0.01	4.5	319	11.9	<10	
E5697815 (5008283)	12	<1	<1	0.03	4	4	0.73	278	2.5	<0.01	26.9	384	23.3	<10	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697816 (5008284)	13	<1	2	0.03	5	5	0.14	142	0.5	<0.01	11.0	475	11.1	<10	
E5697817 (5008285)	<5	2	<1	0.03	6	<1	0.04	35	<0.5	<0.01	4.2	214	12.9	<10	
E5697818 (5008286)	<5	<1	1	0.04	8	4	0.11	185	<0.5	0.01	6.7	208	5.5	<10	
E5697819 (5008287)	13	<1	1	0.04	7	4	0.08	1030	0.7	<0.01	5.7	1360	11.7	<10	
E5697820 (5008288)	5	<1	<1	0.03	8	5	0.09	47	1.1	<0.01	9.7	232	9.0	<10	
E5697821 (5008289)	<5	<1	<1	0.01	22	<1	0.07	23	3.2	<0.01	21.6	1330	23.1	<10	
E5697822 (5008290)	<5	1	<1	0.02	24	1	0.18	119	4.1	<0.01	14.0	1020	14.4	<10	
E5697823 (5008291)	8	<1	<1	0.05	8	10	0.33	124	0.9	<0.01	21.4	273	9.4	<10	
E5697824 (5008292)	<5	2	<1	0.07	3	1	0.13	180	1.9	<0.01	14.1	1170	36.8	<10	
E5697825 (5008293)	13	1	<1	0.09	11	18	0.39	1750	2.9	0.01	35.3	1210	24.3	18	
E5697826 (5008294)	9	1	2	0.03	6	7	0.11	48	1.2	<0.01	9.7	497	15.6	<10	
E5697827 (5008295)	<5	2	<1	0.02	6	6	0.24	76	0.7	0.01	13.8	269	7.4	<10	
E5697828 (5008296)	7	1	<1	0.09	9	8	0.19	83	4.3	<0.01	15.8	713	18.4	15	
E5697829 (5008297)	12	4	<1	0.07	9	9	0.27	4680	3.6	<0.01	21.8	1440	34.3	11	
E5697830 (5008298)	5	<1	<1	0.03	7	4	0.10	41	<0.5	<0.01	7.7	202	8.0	<10	
E5697831 (5008299)	9	2	2	0.01	7	3	0.03	41	1.2	<0.01	3.2	163	7.4	<10	
E5697832 (5008300)	<5	1	<1	0.01	6	<1	0.01	13	<0.5	<0.01	1.5	93	6.4	<10	
E5697833 (5008301)	7	<1	<1	0.07	14	15	0.68	286	1.3	0.03	30.6	238	8.2	15	
E5697834 (5008302)	<5	<1	<1	0.02	7	<1	0.02	29	1.2	<0.01	2.6	197	13.7	<10	
E5697835 (5008303)	<5	2	1	0.02	7	<1	0.02	23	<0.5	<0.01	2.7	176	11.9	<10	
E5697836 (5008304)	7	<1	<1	0.02	6	4	0.09	41	0.9	<0.01	6.0	191	4.7	<10	
E5697837 (5008305)	6	<1	<1	0.06	8	12	0.51	191	1.1	0.02	26.2	292	9.5	10	
E5697838 (5008306)	6	<1	<1	0.07	11	15	0.49	188	1.7	0.02	23.0	224	9.7	18	
E5697839 (5008307)	17	3	<1	0.23	29	39	1.07	1510	1.3	0.03	52.0	548	19.6	81	
E5697840 (5008308)	17	<1	<1	0.38	33	45	1.15	626	3.1	0.03	56.9	991	42.6	97	
E5697841 (5008309)	5	<1	<1	0.02	6	<1	0.05	38	1.6	<0.01	4.0	121	8.1	<10	
E5697842 (5008310)	7	2	<1	0.07	10	5	0.17	91	1.3	<0.01	22.8	1100	18.7	11	
E5697843 (5008311)	14	<1	<1	0.03	7	6	0.14	137	0.9	<0.01	9.4	678	15.4	<10	
E5697844 (5008312)	<5	<1	1	0.01	5	4	0.09	43	<0.5	<0.01	9.4	217	5.1	<10	
E5697845 (5008313)	12	<1	<1	0.19	19	33	0.78	787	1.8	0.02	43.5	693	20.8	48	
E5697846 (5008314)	<5	<1	<1	0.03	6	<1	0.02	139	1.1	<0.01	4.7	285	27.7	<10	
E5697847 (5008315)	13	<1	<1	0.03	6	2	0.46	255	2.6	<0.01	19.9	551	28.8	<10	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
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5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013							DATE REPORTED: Dec 11, 2013				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
E5697848 (5008316)	10	<1	2	0.03	4	2	0.50	273	1.7	<0.01	26.6	534	34.9	<10	
E5697849 (5008317)	<5	<1	<1	0.03	2	<1	0.26	140	2.1	<0.01	14.7	447	23.0	<10	
E5697850 (5008318)	9	<1	<1	0.09	11	17	0.73	388	1.4	0.03	32.1	111	9.4	20	
E5697851 (5008319)	<5	1	<1	0.02	6	<1	0.03	24	3.5	<0.01	4.5	166	18.4	<10	
E5697852 (5008320)	13	<1	<1	0.09	11	22	0.51	178	1.3	0.02	32.5	316	9.9	22	
E5697853 (5008321)	5	<1	<1	0.03	5	6	0.32	141	1.7	0.02	12.7	145	3.6	<10	
E5697854 (5008322)	14	<1	<1	0.04	4	8	0.87	500	1.2	0.01	35.3	627	11.7	<10	
E5697855 (5008323)	7	<1	<1	0.03	8	<1	0.07	70	1.1	<0.01	3.3	242	10.5	<10	
E5697856 (5008324)	9	<1	<1	0.11	10	25	0.46	236	<0.5	0.01	45.4	380	12.3	23	
E5697857 (5008325)	<5	1	<1	0.03	6	2	0.06	40	1.2	<0.01	5.5	150	7.5	<10	
E5697858 (5008326)	6	<1	<1	0.05	10	11	0.43	147	1.8	0.01	31.2	478	9.3	<10	
E5697859 (5008327)	<5	2	<1	0.03	6	1	0.06	35	1.5	<0.01	6.6	243	16.7	<10	
E5697860 (5008328)	6	4	<1	0.06	6	3	0.32	231	2.8	0.01	25.5	776	33.9	10	
E5697861 (5008329)	6	<1	<1	0.06	8	9	0.43	222	1.5	0.01	23.5	392	9.1	11	
E5697862 (5008330)	11	<1	1	0.03	8	9	0.10	52	2.0	<0.01	9.0	607	19.2	<10	
E5697863 (5008331)	8	2	<1	0.02	8	<1	0.04	65	1.0	<0.01	7.7	320	21.0	<10	

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DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013		DATE REPORTED: Dec 11, 2013		SAMPLE TYPE: Soil									
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5697720 (5008188)	0.061	<1	1.8	<10	5	12.5	<10	<10	<5	0.10	31	<5	35.0	<1
E5697721 (5008189)	0.073	<1	0.7	<10	<5	8.7	<10	<10	<5	0.03	23	<5	15.7	<1
E5697722 (5008190)	0.015	<1	1.7	<10	7	12.3	<10	<10	<5	0.12	12	<5	36.6	<1
E5697723 (5008191)	0.114	<1	<0.5	<10	<5	11.8	<10	<10	<5	<0.01	11	<5	5.8	<1
E5697724 (5008192)	0.433	4	5.7	<10	8	29.6	<10	<10	<5	0.03	8	6	34.7	<1
E5697725 (5008193)	0.024	<1	2.1	<10	<5	5.5	<10	<10	<5	0.07	<5	<5	45.5	<1
E5697726 (5008194)	0.025	<1	1.5	<10	<5	10.7	<10	<10	<5	0.08	19	<5	34.2	<1
E5697727 (5008195)	0.019	<1	0.6	<10	<5	8.5	<10	<10	<5	0.06	8	<5	22.3	<1
E5697728 (5008196)	0.014	1	2.5	<10	9	13.9	<10	<10	<5	0.18	<5	<5	54.1	<1
E5697729 (5008197)	0.114	1	0.9	<10	<5	11.0	<10	<10	<5	0.02	25	<5	9.5	<1
E5697730 (5008198)	0.022	1	1.9	<10	8	12.0	<10	<10	<5	0.15	25	<5	119	1
E5697731 (5008199)	0.018	<1	2.0	<10	11	8.3	<10	<10	<5	0.24	27	<5	152	<1
E5697732 (5008200)	0.037	2	5.5	<10	13	11.0	<10	<10	<5	0.22	<5	<5	92.8	<1
E5697733 (5008201)	0.020	<1	2.3	<10	7	12.8	<10	<10	<5	0.15	14	<5	54.1	<1
E5697734 (5008202)	0.031	2	1.5	<10	6	9.4	<10	<10	<5	0.11	15	<5	70.8	<1
E5697735 (5008203)	0.018	<1	0.8	<10	6	7.8	<10	<10	<5	0.12	13	<5	52.0	<1
E5697736 (5008204)	0.089	<1	1.5	<10	<5	6.2	<10	<10	<5	0.02	16	<5	9.4	<1
E5697737 (5008205)	0.023	<1	1.2	<10	6	5.4	<10	<10	<5	0.09	20	<5	30.3	<1
E5697738 (5008206)	0.040	<1	3.2	<10	13	18.1	<10	<10	<5	0.23	21	<5	98.7	<1
E5697739 (5008207)	0.079	<1	1.0	<10	<5	5.3	<10	<10	<5	0.03	10	<5	30.2	<1
E5697740 (5008208)	0.186	<1	2.7	<10	6	21.4	<10	<10	<5	0.07	15	<5	30.9	<1
E5697741 (5008209)	0.297	4	3.5	<10	<5	29.2	<10	<10	<5	0.02	12	<5	8.8	<1
E5697742 (5008210)	0.060	<1	5.9	<10	20	35.5	<10	<10	<5	0.30	9	<5	106	<1
E5697743 (5008211)	0.039	<1	1.7	<10	<5	11.9	<10	<10	<5	0.08	18	<5	33.7	<1
E5697744 (5008212)	0.204	3	4.3	<10	10	27.3	<10	<10	<5	0.09	<5	<5	46.5	<1
E5697745 (5008213)	0.027	1	3.6	<10	8	15.2	<10	<10	<5	0.15	12	<5	60.3	<1
E5697746 (5008214)	0.027	3	4.9	<10	12	15.2	<10	<10	<5	0.20	15	<5	90.4	1
E5697747 (5008215)	0.039	<1	4.7	<10	10	15.7	<10	<10	<5	0.23	<5	<5	102	<1
E5697748 (5008216)	0.097	<1	1.3	<10	<5	18.9	<10	<10	<5	0.04	7	<5	19.8	<1
E5697749 (5008217)	0.068	<1	0.8	<10	<5	20.9	<10	<10	<5	0.03	18	<5	12.4	<1
E5697750 (5008218)	0.041	<1	1.5	<10	7	23.0	<10	<10	<5	0.07	13	<5	30.2	<1
E5697751 (5008219)	0.018	<1	1.2	<10	6	9.3	<10	<10	<5	0.09	11	<5	25.2	<1

Certified By:



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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697752 (5008220)	0.020	<1	2.0	<10	10	11.2	<10	<10	<5	0.16	10	<5	73.1	<1	
E5697753 (5008221)	0.034	<1	2.1	<10	12	14.5	<10	<10	<5	0.24	14	<5	62.1	<1	
E5697754 (5008222)	0.019	2	0.8	<10	<5	6.0	<10	<10	<5	0.05	16	<5	25.7	<1	
E5697755 (5008223)	0.028	<1	3.2	13	11	10.5	<10	<10	<5	0.23	9	<5	88.8	<1	
E5697756 (5008224)	0.058	<1	1.4	10	5	12.0	<10	<10	<5	0.10	11	<5	39.2	<1	
E5697757 (5008225)	0.158	<1	0.9	<10	5	15.5	<10	<10	<5	0.03	9	<5	15.2	<1	
E5697758 (5008226)	0.117	1	2.8	<10	<5	12.3	<10	<10	<5	0.06	<5	<5	52.7	<1	
E5697759 (5008227)	0.028	<1	1.8	<10	6	10.8	<10	<10	<5	0.13	<5	<5	70.0	<1	
E5697760 (5008228)	0.047	<1	1.9	<10	7	14.9	<10	<10	<5	0.08	13	<5	32.3	<1	
E5697761 (5008229)	0.118	<1	1.8	<10	6	18.5	<10	<10	<5	0.06	16	<5	32.5	<1	
E5697762 (5008230)	0.011	<1	1.7	<10	7	15.4	<10	<10	<5	0.15	18	<5	65.0	<1	
E5697763 (5008231)	0.025	<1	1.9	<10	6	14.7	<10	<10	<5	0.12	15	<5	42.1	<1	
E5697764 (5008232)	0.030	2	0.9	<10	<5	10.1	<10	<10	<5	0.05	16	<5	12.0	<1	
E5697765 (5008233)	0.083	<1	1.1	<10	<5	14.3	<10	<10	<5	0.04	21	<5	13.7	<1	
E5697766 (5008234)	0.024	<1	0.9	<10	<5	10.4	<10	<10	<5	0.05	16	<5	14.3	<1	
E5697767 (5008235)	0.258	<1	2.0	<10	<5	27.2	<10	<10	<5	0.04	15	<5	17.9	<1	
E5697768 (5008236)	0.029	3	2.9	<10	7	10.8	<10	<10	<5	0.12	15	<5	71.1	<1	
E5697769 (5008237)	0.009	<1	1.1	<10	6	10.8	<10	<10	<5	0.11	11	<5	42.6	<1	
E5697770 (5008238)	0.070	2	0.9	<10	5	13.7	<10	<10	<5	0.09	13	<5	29.3	<1	
E5697771 (5008239)	0.014	1	1.0	<10	<5	5.6	<10	<10	<5	0.08	14	<5	36.4	<1	
E5697772 (5008240)	0.025	<1	1.0	<10	7	8.7	<10	<10	<5	0.12	8	<5	60.8	<1	
E5697773 (5008241)	0.006	<1	0.5	<10	<5	5.3	<10	<10	<5	0.07	<5	<5	21.8	<1	
E5697774 (5008242)	0.019	<1	1.5	<10	8	13.2	<10	<10	<5	0.13	5	<5	45.1	<1	
E5697775 (5008243)	0.039	<1	0.8	<10	<5	6.7	<10	<10	<5	0.04	13	<5	20.4	<1	
E5697776 (5008244)	0.051	<1	<0.5	<10	<5	6.1	<10	<10	<5	0.03	25	<5	12.8	<1	
E5697777 (5008245)	0.046	<1	6.8	13	36	9.7	<10	<10	<5	0.68	7	<5	245	<1	
E5697778 (5008246)	0.088	2	1.6	<10	<5	13.8	<10	<10	<5	0.07	12	<5	42.7	<1	
E5697779 (5008247)	0.014	<1	1.4	<10	7	11.7	<10	<10	<5	0.12	6	<5	39.9	<1	
E5697780 (5008248)	0.095	<1	0.5	<10	<5	11.8	<10	<10	<5	0.04	9	<5	19.5	<1	
E5697781 (5008249)	0.143	4	1.5	<10	<5	18.6	<10	<10	<5	0.03	22	<5	16.3	<1	
E5697782 (5008250)	0.078	<1	2.3	<10	<5	15.7	<10	<10	<5	0.04	17	<5	21.4	<1	
E5697783 (5008251)	0.084	<1	0.7	<10	<5	18.5	<10	<10	<5	0.04	19	<5	16.8	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697784 (5008252)	0.092	<1	1.7	<10	<5	17.1	<10	<10	<5	0.06	7	<5	31.5	<1	
E5697785 (5008253)	0.056	<1	2.7	10	11	11.3	<10	<10	<5	0.19	12	<5	74.5	<1	
E5697786 (5008254)	0.106	<1	1.5	<10	<5	11.4	<10	<10	<5	0.05	19	<5	25.0	<1	
E5697787 (5008255)	0.085	3	2.3	<10	8	7.0	<10	<10	<5	0.09	6	<5	128	<1	
E5697788 (5008256)	0.036	<1	1.8	<10	<5	4.3	<10	<10	<5	0.06	16	<5	28.1	<1	
E5697789 (5008257)	0.048	<1	1.8	<10	12	5.9	<10	<10	<5	0.20	13	<5	68.8	<1	
E5697790 (5008258)	0.018	<1	1.4	<10	8	20.9	<10	<10	<5	0.13	11	<5	39.9	<1	
E5697791 (5008259)	0.019	<1	0.6	<10	<5	9.0	<10	<10	<5	0.04	10	<5	11.1	<1	
E5697792 (5008260)	0.034	<1	5.2	17	11	23.6	<10	<10	<5	0.18	<5	<5	73.4	<1	
E5697793 (5008261)	0.014	<1	<0.5	<10	<5	8.0	<10	<10	<5	0.06	14	<5	16.6	<1	
E5697794 (5008262)	0.032	<1	0.9	<10	7	13.3	<10	<10	<5	0.10	17	<5	31.1	<1	
E5697795 (5008263)	0.025	<1	2.3	<10	5	11.7	<10	<10	<5	0.10	15	<5	41.3	<1	
E5697796 (5008264)	0.023	<1	1.7	<10	6	11.9	<10	<10	<5	0.09	<5	<5	32.2	<1	
E5697797 (5008265)	0.097	<1	1.1	<10	<5	7.4	<10	<10	<5	0.04	18	<5	41.7	<1	
E5697798 (5008266)	0.069	<1	2.0	<10	5	6.0	<10	<10	<5	0.09	16	<5	59.9	<1	
E5697799 (5008267)	0.012	<1	0.6	<10	<5	6.0	<10	<10	<5	0.09	14	<5	36.8	<1	
E5697800 (5008268)	0.052	<1	1.1	<10	<5	9.8	<10	<10	<5	0.07	12	<5	31.3	<1	
E5697801 (5008269)	0.068	2	0.9	<10	7	11.1	<10	<10	<5	0.11	<5	<5	70.7	<1	
E5697802 (5008270)	0.010	<1	0.8	<10	<5	8.5	<10	<10	<5	0.09	24	<5	30.9	<1	
E5697803 (5008271)	0.172	<1	1.1	<10	<5	7.9	<10	<10	<5	0.03	17	<5	24.0	<1	
E5697804 (5008272)	0.019	<1	1.0	<10	8	4.2	<10	<10	<5	0.15	12	<5	34.9	<1	
E5697805 (5008273)	0.086	<1	1.6	<10	6	7.8	<10	<10	<5	0.09	21	<5	37.4	<1	
E5697806 (5008274)	0.053	<1	1.3	<10	6	6.9	<10	<10	<5	0.09	10	<5	28.0	<1	
E5697807 (5008275)	0.042	<1	0.6	<10	7	6.0	<10	<10	<5	0.12	18	<5	35.0	<1	
E5697808 (5008276)	0.024	<1	2.0	<10	5	8.6	<10	<10	<5	0.09	16	<5	34.3	<1	
E5697809 (5008277)	0.233	2	1.4	<10	10	40.1	<10	<10	<5	0.02	10	9	44.5	<1	
E5697810 (5008278)	0.011	3	5.0	<10	9	29.9	<10	<10	<5	0.16	7	<5	63.0	1	
E5697811 (5008279)	0.010	1	2.6	<10	6	15.0	<10	<10	<5	0.11	14	<5	40.8	<1	
E5697812 (5008280)	0.025	1	2.6	<10	6	14.3	<10	<10	<5	0.10	14	<5	38.2	<1	
E5697813 (5008281)	0.025	<1	1.4	<10	6	6.7	<10	<10	<5	0.11	15	<5	70.9	<1	
E5697814 (5008282)	0.028	<1	<0.5	<10	<5	7.5	<10	<10	<5	0.03	13	<5	17.5	<1	
E5697815 (5008283)	0.055	1	3.4	<10	14	9.4	<10	<10	<5	0.22	<5	<5	118	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013		DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil			
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697816 (5008284)	0.034	<1	1.8	<10	9	7.8	<10	<10	<5	0.19	9	<5	83.6	1	
E5697817 (5008285)	0.017	<1	0.5	<10	<5	6.2	<10	<10	<5	0.06	20	<5	24.0	<1	
E5697818 (5008286)	0.012	<1	1.1	<10	<5	8.0	<10	<10	<5	0.06	17	<5	30.3	<1	
E5697819 (5008287)	0.055	<1	1.9	<10	6	4.9	<10	<10	<5	0.09	20	<5	75.1	1	
E5697820 (5008288)	0.015	<1	1.1	<10	<5	5.6	<10	<10	<5	0.07	8	<5	28.0	<1	
E5697821 (5008289)	0.687	2	5.6	<10	8	33.7	<10	<10	<5	0.01	<5	<5	9.2	<1	
E5697822 (5008290)	0.484	<1	3.8	<10	11	70.9	<10	<10	<5	0.02	<5	<5	13.9	<1	
E5697823 (5008291)	0.030	<1	1.7	<10	5	10.7	<10	<10	<5	0.10	5	<5	38.9	2	
E5697824 (5008292)	0.140	<1	0.6	<10	<5	11.1	<10	<10	<5	0.03	<5	<5	31.0	<1	
E5697825 (5008293)	0.102	<1	1.8	<10	5	16.4	<10	<10	<5	0.08	23	<5	74.0	<1	
E5697826 (5008294)	0.057	3	2.7	<10	6	6.8	<10	<10	<5	0.11	7	<5	69.8	<1	
E5697827 (5008295)	0.019	<1	1.7	<10	<5	11.6	<10	<10	<5	0.08	16	<5	23.9	<1	
E5697828 (5008296)	0.061	1	1.4	<10	<5	16.8	<10	<10	<5	0.07	16	<5	31.8	<1	
E5697829 (5008297)	0.125	2	1.2	<10	5	18.7	<10	<10	<5	0.06	<5	7	73.5	<1	
E5697830 (5008298)	0.020	<1	1.0	<10	6	8.1	<10	<10	<5	0.11	18	<5	37.2	<1	
E5697831 (5008299)	0.057	1	2.0	<10	7	4.5	<10	<10	<5	0.16	8	<5	70.9	1	
E5697832 (5008300)	0.009	<1	<0.5	<10	<5	2.6	<10	<10	<5	0.06	25	<5	11.7	<1	
E5697833 (5008301)	0.012	<1	4.5	<10	8	23.5	<10	<10	<5	0.15	20	<5	56.3	<1	
E5697834 (5008302)	0.018	<1	1.0	<10	8	4.9	<10	<10	<5	0.17	12	<5	57.5	<1	
E5697835 (5008303)	0.015	<1	<0.5	<10	<5	4.7	<10	<10	<5	0.05	16	<5	18.3	<1	
E5697836 (5008304)	0.025	<1	1.5	<10	6	7.1	<10	<10	<5	0.14	14	<5	42.7	<1	
E5697837 (5008305)	0.015	3	3.6	<10	5	17.4	<10	<10	<5	0.12	6	<5	45.9	<1	
E5697838 (5008306)	0.019	<1	3.3	<10	8	25.6	<10	<10	<5	0.12	7	<5	41.5	<1	
E5697839 (5008307)	0.033	3	7.8	<10	15	37.6	<10	<10	<5	0.18	8	<5	91.2	<1	
E5697840 (5008308)	0.149	2	8.7	11	15	47.8	<10	<10	<5	0.16	34	<5	74.6	<1	
E5697841 (5008309)	0.010	<1	0.8	<10	7	7.3	<10	<10	<5	0.13	17	<5	34.9	<1	
E5697842 (5008310)	0.103	<1	1.0	<10	<5	12.1	<10	<10	<5	0.07	21	<5	34.3	<1	
E5697843 (5008311)	0.059	2	3.8	<10	8	6.1	<10	<10	<5	0.14	<5	<5	104	<1	
E5697844 (5008312)	0.018	<1	1.3	<10	5	7.4	<10	<10	<5	0.09	19	<5	32.2	<1	
E5697845 (5008313)	0.048	1	5.6	<10	7	27.4	<10	<10	<5	0.11	12	<5	58.9	<1	
E5697846 (5008314)	0.021	<1	0.7	<10	5	6.5	<10	<10	<5	0.10	18	<5	43.2	<1	
E5697847 (5008315)	0.029	7	3.5	<10	9	9.0	<10	<10	<5	0.20	6	<5	143	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
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5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013					DATE REPORTED: Dec 11, 2013					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5697848 (5008316)	0.049	<1	5.7	<10	24	8.1	<10	<10	<5	0.45	8	<5	148	<1	
E5697849 (5008317)	0.074	<1	2.2	<10	7	11.2	<10	<10	<5	0.12	6	<5	44.9	<1	
E5697850 (5008318)	0.009	1	5.2	<10	10	30.1	<10	<10	<5	0.16	19	<5	53.6	<1	
E5697851 (5008319)	0.027	1	<0.5	<10	<5	5.6	<10	<10	<5	0.06	20	<5	23.2	<1	
E5697852 (5008320)	0.030	<1	4.6	<10	10	17.5	<10	<10	<5	0.19	<5	<5	76.0	<1	
E5697853 (5008321)	0.015	<1	2.1	<10	8	11.8	<10	<10	<5	0.13	13	<5	43.1	<1	
E5697854 (5008322)	0.019	<1	3.6	<10	15	12.6	<10	<10	<5	0.25	16	<5	135	<1	
E5697855 (5008323)	0.008	<1	1.3	<10	10	8.5	<10	<10	<5	0.23	<5	<5	55.1	<1	
E5697856 (5008324)	0.029	<1	3.0	<10	8	16.8	<10	<10	<5	0.13	9	<5	57.3	<1	
E5697857 (5008325)	0.012	<1	0.7	<10	<5	10.0	<10	<10	<5	0.06	11	<5	17.9	<1	
E5697858 (5008326)	0.092	<1	3.8	<10	5	16.8	<10	<10	<5	0.09	16	<5	42.5	<1	
E5697859 (5008327)	0.024	<1	1.0	<10	7	9.9	<10	<10	<5	0.12	10	<5	34.3	<1	
E5697860 (5008328)	0.120	<1	2.4	<10	8	21.5	<10	<10	<5	0.13	31	<5	55.3	<1	
E5697861 (5008329)	0.017	<1	2.8	<10	7	16.5	<10	<10	<5	0.10	18	<5	39.7	<1	
E5697862 (5008330)	0.077	<1	5.8	<10	6	7.3	<10	<10	<5	0.11	15	<5	60.1	<1	
E5697863 (5008331)	0.033	<1	2.2	<10	11	7.1	<10	<10	<5	0.22	29	<5	98.0	<1	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013      DATE RECEIVED: Nov 29, 2013      DATE REPORTED: Dec 11, 2013      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697720 (5008188)		5	18.7	<5
E5697721 (5008189)		1	36.6	<5
E5697722 (5008190)		2	12.1	<5
E5697723 (5008191)		<1	72.1	<5
E5697724 (5008192)		16	86.7	<5
E5697725 (5008193)		1	7.9	<5
E5697726 (5008194)		2	14.2	<5
E5697727 (5008195)		1	11.3	<5
E5697728 (5008196)		3	15.4	<5
E5697729 (5008197)		<1	75.8	<5
E5697730 (5008198)		2	16.3	<5
E5697731 (5008199)		3	15.5	<5
E5697732 (5008200)		5	43.1	<5
E5697733 (5008201)		2	22.6	<5
E5697734 (5008202)		1	18.0	<5
E5697735 (5008203)		1	7.0	<5
E5697736 (5008204)		2	28.7	<5
E5697737 (5008205)		4	18.1	<5
E5697738 (5008206)		3	26.2	<5
E5697739 (5008207)		3	15.6	<5
E5697740 (5008208)		11	16.9	<5
E5697741 (5008209)		13	6.0	<5
E5697742 (5008210)		8	48.8	<5
E5697743 (5008211)		3	14.5	<5
E5697744 (5008212)		9	89.7	<5
E5697745 (5008213)		4	26.7	<5
E5697746 (5008214)		6	41.2	<5
E5697747 (5008215)		6	40.6	<5
E5697748 (5008216)		2	11.3	<5
E5697749 (5008217)		2	9.9	<5
E5697750 (5008218)		2	28.3	<5
E5697751 (5008219)		2	6.2	<5

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697752 (5008220)	2	18.7	<5	
E5697753 (5008221)	5	62.8	<5	
E5697754 (5008222)	1	11.2	<5	
E5697755 (5008223)	3	29.8	<5	
E5697756 (5008224)	2	15.9	<5	
E5697757 (5008225)	1	34.7	<5	
E5697758 (5008226)	14	32.5	<5	
E5697759 (5008227)	2	14.7	<5	
E5697760 (5008228)	3	14.8	<5	
E5697761 (5008229)	3	44.8	<5	
E5697762 (5008230)	1	24.6	<5	
E5697763 (5008231)	3	17.0	<5	
E5697764 (5008232)	1	8.0	<5	
E5697765 (5008233)	2	11.7	<5	
E5697766 (5008234)	2	8.3	<5	
E5697767 (5008235)	4	14.2	<5	
E5697768 (5008236)	3	22.1	<5	
E5697769 (5008237)	1	8.7	<5	
E5697770 (5008238)	2	32.7	<5	
E5697771 (5008239)	1	10.1	<5	
E5697772 (5008240)	1	18.2	<5	
E5697773 (5008241)	1	2.3	<5	
E5697774 (5008242)	2	22.4	<5	
E5697775 (5008243)	3	20.0	<5	
E5697776 (5008244)	2	37.3	<5	
E5697777 (5008245)	11	45.6	6	
E5697778 (5008246)	2	37.6	<5	
E5697779 (5008247)	2	12.7	<5	
E5697780 (5008248)	<1	68.1	<5	
E5697781 (5008249)	4	9.4	<5	
E5697782 (5008250)	5	11.0	<5	
E5697783 (5008251)	<1	21.9	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697784 (5008252)	3	19.2	<5	
E5697785 (5008253)	4	32.9	<5	
E5697786 (5008254)	5	42.8	<5	
E5697787 (5008255)	3	36.4	<5	
E5697788 (5008256)	3	5.1	<5	
E5697789 (5008257)	3	24.3	<5	
E5697790 (5008258)	3	44.0	<5	
E5697791 (5008259)	1	6.4	<5	
E5697792 (5008260)	4	43.1	<5	
E5697793 (5008261)	1	14.3	<5	
E5697794 (5008262)	2	34.9	<5	
E5697795 (5008263)	3	21.6	<5	
E5697796 (5008264)	4	31.0	<5	
E5697797 (5008265)	3	24.6	<5	
E5697798 (5008266)	3	15.6	<5	
E5697799 (5008267)	<1	5.4	<5	
E5697800 (5008268)	2	19.6	<5	
E5697801 (5008269)	1	30.2	<5	
E5697802 (5008270)	2	10.8	<5	
E5697803 (5008271)	4	30.8	<5	
E5697804 (5008272)	1	3.9	<5	
E5697805 (5008273)	3	30.0	<5	
E5697806 (5008274)	3	16.8	<5	
E5697807 (5008275)	1	14.8	<5	
E5697808 (5008276)	4	7.6	<5	
E5697809 (5008277)	7	58.6	<5	
E5697810 (5008278)	5	37.3	<5	
E5697811 (5008279)	3	19.6	<5	
E5697812 (5008280)	4	18.9	<5	
E5697813 (5008281)	2	13.8	<5	
E5697814 (5008282)	<1	21.1	<5	
E5697815 (5008283)	4	68.7	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697816 (5008284)	2	32.3	<5	
E5697817 (5008285)	1	8.0	<5	
E5697818 (5008286)	2	10.7	<5	
E5697819 (5008287)	4	28.2	<5	
E5697820 (5008288)	2	14.5	<5	
E5697821 (5008289)	29	10.2	<5	
E5697822 (5008290)	15	10.6	<5	
E5697823 (5008291)	3	22.4	<5	
E5697824 (5008292)	2	52.3	<5	
E5697825 (5008293)	6	38.3	<5	
E5697826 (5008294)	3	11.6	<5	
E5697827 (5008295)	3	16.3	<5	
E5697828 (5008296)	3	24.8	<5	
E5697829 (5008297)	5	75.9	<5	
E5697830 (5008298)	2	8.9	<5	
E5697831 (5008299)	2	7.9	<5	
E5697832 (5008300)	<1	2.2	<5	
E5697833 (5008301)	6	30.1	<5	
E5697834 (5008302)	2	7.4	<5	
E5697835 (5008303)	1	14.7	<5	
E5697836 (5008304)	2	7.5	<5	
E5697837 (5008305)	4	23.3	<5	
E5697838 (5008306)	4	43.4	<5	
E5697839 (5008307)	11	73.2	<5	
E5697840 (5008308)	13	108	<5	
E5697841 (5008309)	1	8.1	<5	
E5697842 (5008310)	5	27.1	<5	
E5697843 (5008311)	4	20.2	<5	
E5697844 (5008312)	2	10.4	<5	
E5697845 (5008313)	9	80.6	<5	
E5697846 (5008314)	1	25.4	<5	
E5697847 (5008315)	3	36.9	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Nov 29, 2013	DATE RECEIVED: Nov 29, 2013	DATE REPORTED: Dec 11, 2013	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5697848 (5008316)	4	55.5	<5	
E5697849 (5008317)	2	87.7	<5	
E5697850 (5008318)	5	40.8	<5	
E5697851 (5008319)	1	18.9	<5	
E5697852 (5008320)	6	33.4	<5	
E5697853 (5008321)	3	17.0	<5	
E5697854 (5008322)	3	37.0	<5	
E5697855 (5008323)	2	14.4	<5	
E5697856 (5008324)	4	30.5	<5	
E5697857 (5008325)	1	11.1	<5	
E5697858 (5008326)	7	29.7	<5	
E5697859 (5008327)	2	11.1	<5	
E5697860 (5008328)	7	38.6	<5	
E5697861 (5008329)	4	28.6	<5	
E5697862 (5008330)	5	12.0	<5	
E5697863 (5008331)	4	20.2	<5	

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

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PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697720 (5008188)		0.44	0.035
E5697721 (5008189)		0.15	0.008
E5697722 (5008190)		0.40	0.008
E5697723 (5008191)		0.08	0.011
E5697724 (5008192)		0.26	0.061
E5697725 (5008193)		0.24	0.006
E5697726 (5008194)		0.30	0.005
E5697727 (5008195)		0.19	0.006
E5697728 (5008196)		0.34	0.003
E5697729 (5008197)		0.04	0.007
E5697730 (5008198)		0.28	0.004
E5697731 (5008199)		0.27	0.002
E5697732 (5008200)		0.29	0.003
E5697733 (5008201)		0.52	0.003
E5697734 (5008202)		0.24	0.004
E5697735 (5008203)		0.22	0.004
E5697736 (5008204)		0.06	0.009
E5697737 (5008205)		0.14	0.011
E5697738 (5008206)		0.26	0.004
E5697739 (5008207)		0.24	0.011
E5697740 (5008208)		0.29	0.007
E5697741 (5008209)		0.28	0.009
E5697742 (5008210)		0.61	0.003
E5697743 (5008211)		0.44	0.004
E5697744 (5008212)		0.36	0.003
E5697745 (5008213)		0.31	0.005
E5697746 (5008214)		0.28	0.002
E5697747 (5008215)		0.37	0.002
E5697748 (5008216)		0.16	0.011
E5697749 (5008217)		0.17	0.033
E5697750 (5008218)		0.33	0.009

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U788488  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697751 (5008219)		0.34	0.022
E5697752 (5008220)		0.23	0.002
E5697753 (5008221)		0.10	0.005
E5697754 (5008222)		0.15	0.001
E5697755 (5008223)		0.44	0.015
E5697756 (5008224)		0.33	0.002
E5697757 (5008225)		0.11	0.010
E5697758 (5008226)		0.53	0.002
E5697759 (5008227)		0.34	0.002
E5697760 (5008228)		0.29	0.014
E5697761 (5008229)		0.24	0.005
E5697762 (5008230)		0.36	0.002
E5697763 (5008231)		0.31	0.002
E5697764 (5008232)		0.23	0.002
E5697765 (5008233)		0.24	0.002
E5697766 (5008234)		0.54	0.003
E5697767 (5008235)		0.22	0.003
E5697768 (5008236)		0.34	0.003
E5697769 (5008237)		0.28	0.003
E5697770 (5008238)		0.11	0.006
E5697771 (5008239)		0.24	0.002
E5697772 (5008240)		0.26	0.003
E5697773 (5008241)		0.39	0.006
E5697774 (5008242)		0.35	0.006
E5697775 (5008243)		0.27	0.003
E5697776 (5008244)		0.14	0.007
E5697777 (5008245)		0.22	0.004
E5697778 (5008246)		0.16	0.004
E5697779 (5008247)		0.41	0.009
E5697780 (5008248)		0.11	0.007
E5697781 (5008249)		0.14	0.005

Certified By:





## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5697782 (5008250)		0.38	0.003
E5697783 (5008251)		0.19	0.060
E5697784 (5008252)		0.24	0.005
E5697785 (5008253)		0.31	0.002
E5697786 (5008254)		0.22	0.008
E5697787 (5008255)		0.27	0.009
E5697788 (5008256)		0.44	0.002
E5697789 (5008257)		0.23	0.005
E5697790 (5008258)		0.47	0.002
E5697791 (5008259)		0.24	0.004
E5697792 (5008260)		0.31	0.031
E5697793 (5008261)		0.38	0.002
E5697794 (5008262)		0.17	0.010
E5697795 (5008263)		0.41	0.005
E5697796 (5008264)		0.35	0.015
E5697797 (5008265)		0.31	0.014
E5697798 (5008266)		0.36	0.011
E5697799 (5008267)		0.39	0.009
E5697800 (5008268)		0.19	0.010
E5697801 (5008269)		0.19	0.005
E5697802 (5008270)		0.29	<0.001
E5697803 (5008271)		0.37	0.580
E5697804 (5008272)		0.39	0.004
E5697805 (5008273)		0.16	0.010
E5697806 (5008274)		0.23	0.015
E5697807 (5008275)		0.33	<0.001
E5697808 (5008276)		0.52	0.003
E5697809 (5008277)		0.28	0.004
E5697810 (5008278)		0.37	0.001
E5697811 (5008279)		0.42	0.002
E5697812 (5008280)		0.44	0.002

Certified By:



## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697813 (5008281)		0.29	0.001
E5697814 (5008282)		0.22	0.048
E5697815 (5008283)		0.31	0.010
E5697816 (5008284)		0.24	0.001
E5697817 (5008285)		0.31	0.004
E5697818 (5008286)		0.33	0.003
E5697819 (5008287)		0.27	0.002
E5697820 (5008288)		0.36	0.006
E5697821 (5008289)		0.21	0.008
E5697822 (5008290)		0.16	0.005
E5697823 (5008291)		0.33	0.016
E5697824 (5008292)		0.14	0.014
E5697825 (5008293)		0.26	0.003
E5697826 (5008294)		0.28	0.016
E5697827 (5008295)		0.49	0.001
E5697828 (5008296)		0.26	0.003
E5697829 (5008297)		0.22	0.007
E5697830 (5008298)		0.33	0.002
E5697831 (5008299)		0.37	0.001
E5697832 (5008300)		0.36	0.003
E5697833 (5008301)		0.54	0.005
E5697834 (5008302)		0.28	0.007
E5697835 (5008303)		0.24	0.003
E5697836 (5008304)		0.38	0.004
E5697837 (5008305)		0.41	0.002
E5697838 (5008306)		0.33	0.034
E5697839 (5008307)		0.29	0.003
E5697840 (5008308)		0.39	0.004
E5697841 (5008309)		0.46	0.004
E5697842 (5008310)		0.26	0.004
E5697843 (5008311)		0.24	0.006

Certified By:



## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 29, 2013

DATE RECEIVED: Nov 29, 2013

DATE REPORTED: Dec 11, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5697844 (5008312)		0.29	0.003
E5697845 (5008313)		0.16	0.005
E5697846 (5008314)		0.16	0.002
E5697847 (5008315)		0.15	0.004
E5697848 (5008316)		0.20	0.024
E5697849 (5008317)		0.06	0.007
E5697850 (5008318)		0.47	0.001
E5697851 (5008319)		0.50	0.003
E5697852 (5008320)		0.40	0.001
E5697853 (5008321)		0.39	<0.001
E5697854 (5008322)		0.27	0.017
E5697855 (5008323)		0.39	0.002
E5697856 (5008324)		0.35	0.010
E5697857 (5008325)		0.24	0.001
E5697858 (5008326)		0.42	0.009
E5697859 (5008327)		0.26	0.008
E5697860 (5008328)		0.26	0.009
E5697861 (5008329)		0.47	0.020
E5697862 (5008330)		0.17	0.005
E5697863 (5008331)		0.19	0.009

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	E5697839	< 0.2	< 0.2	0.0%	E5697854	< 0.2	< 0.2	0.0%								
Al	E5697839	3.11	3.14	1.0%	E5697854	1.28	1.29	0.8%								
As	E5697839	4	2		E5697854	< 1	< 1	0.0%								
B	E5697839	< 5	8		E5697854	5	< 5									
Ba	E5697839	157	157	0.0%	E5697854	18	17	5.7%								
Be	E5697839	1.0	1.0	0.0%	E5697854	< 0.5	< 0.5	0.0%								
Bi	E5697839	< 1	< 1	0.0%	E5697854	< 1	< 1	0.0%								
Ca	E5697839	0.82	0.83	1.2%	E5697854	0.36	0.36	0.0%								
Cd	E5697839	< 0.5	< 0.5	0.0%	E5697854	< 0.5	< 0.5	0.0%								
Ce	E5697839	62	62	0.0%	E5697854	10	9	10.5%								
Co	E5697839	24.4	24.6	0.8%	E5697854	14.4	14.3	0.7%								
Cr	E5697839	88.4	88.7	0.3%	E5697854	58.3	58.6	0.5%								
Cu	E5697839	23.9	23.8	0.4%	E5697854	7.8	7.6	2.6%								
Fe	E5697839	4.03	4.02	0.2%	E5697854	3.20	3.21	0.3%								
Ga	E5697839	17	15	12.5%	E5697854	14	14	0.0%								
Hg	E5697839	3	3	0.0%	E5697854	< 1	< 1	0.0%								
In	E5697839	< 1	3		E5697854	< 1	< 1	0.0%								
K	E5697839	0.23	0.23	0.0%	E5697854	0.04	0.04	0.0%								
La	E5697839	29	29	0.0%	E5697854	4	4	0.0%								
Li	E5697839	39	39	0.0%	E5697854	8	8	0.0%								
Mg	E5697839	1.07	1.08	0.9%	E5697854	0.872	0.878	0.7%								
Mn	E5697839	1510	1510	0.0%	E5697854	500	501	0.2%								
Mo	E5697839	1.3	2.7		E5697854	1.15	1.13	1.8%								
Na	E5697839	0.03	0.03	0.0%	E5697854	0.01	0.01	0.0%								
Ni	E5697839	52.0	51.4	1.2%	E5697854	35.3	35.9	1.7%								
P	E5697839	548	531	3.2%	E5697854	627	621	1.0%								
Pb	E5697839	19.6	20.2	3.0%	E5697854	11.7	10.1	14.7%								
Rb	E5697839	81	83	2.4%	E5697854	< 10	< 10	0.0%								
S	E5697839	0.033	0.033	0.0%	E5697854	0.019	0.019	0.0%								
Sb	E5697839	3	< 1		E5697854	< 1	< 1	0.0%								
Sc	E5697839	7.84	7.92	1.0%	E5697854	3.6	3.6	0.0%								





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

**Aqua Regia Digest - Metals Package, ICP-OES finish (201073)**

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	169	92%	90% - 110%	184	171	93%	90% - 110%	184	172	94%	90% - 110%	184	170	93%	90% - 110%
Cu	3494	3527	101%	90% - 110%	3494	3493	100%	90% - 110%	3494	3465	99%	90% - 110%	3494	3388	97%	90% - 110%
Ni	2985	2783	93%	90% - 110%	2985	2846	95%	90% - 110%	2985	2829	95%	90% - 110%	2985	2803	94%	90% - 110%

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	CRM #1 (1P5K)				CRM #2 (CM14)				CRM #3 (1P5K)				CRM #4 (GS6D)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.35	93%	90% - 110%	0.792	0.788	99%	90% - 110%	1.44	1.48	103%	90% - 110%	6.09	5.74	94%	90% - 110%
Parameter	CRM #5 (CM14)				CRM #6 (GS6D)				CRM #7 (CM14)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.792	0.763	96%	90% - 110%	6.09	6.02	99%	90% - 110%	0.792	0.758	96%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U788488

PROJECT NO: SOIL SAMPLING PROJECT

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: Soil Sampling Project

AGAT WORK ORDER: 13U792855

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Jan 07, 2014

PAGES (INCLUDING COVER): 30

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.





## Certificate of Analysis

AGAT WORK ORDER: 13U792855  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013		DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	
E5697410 (5044816)		<0.2	3.72	12	11	205	1.3	<1	0.53	<0.5	63	19.9	88.5	35.8	4.53	
E5697411 (5044817)		<0.2	1.21	<1	5	58	<0.5	<1	0.19	<0.5	21	5.7	32.4	4.6	1.51	
E5697412 (5044818)		<0.2	1.96	6	5	114	<0.5	<1	0.27	<0.5	28	11.4	55.7	11.4	2.06	
E5697413 (5044819)		<0.2	0.49	<1	5	49	<0.5	<1	0.09	<0.5	20	1.7	16.7	6.0	0.34	
E5697414 (5044820)		0.2	0.61	4	5	86	<0.5	<1	0.13	0.6	26	3.5	14.6	15.3	0.84	
E5697415 (5044821)		0.3	0.80	56	5	157	0.7	<1	0.27	1.8	37	4.6	25.1	27.6	1.15	
E5697416 (5044822)		<0.2	1.66	<1	5	77	<0.5	<1	0.11	0.6	27	5.9	53.7	26.6	1.66	
E5697417 (5044823)		<0.2	0.89	<1	5	59	<0.5	<1	0.17	<0.5	19	4.5	25.7	10.4	1.03	
E5697418 (5044824)		<0.2	1.43	<1	5	48	<0.5	<1	0.26	<0.5	24	9.1	35.2	51.4	1.52	
E5697419 (5044825)		<0.2	1.59	2	5	81	<0.5	<1	0.43	<0.5	40	13.9	52.2	11.2	2.17	
E5697420 (5044826)		<0.2	1.80	<1	5	95	<0.5	<1	0.47	<0.5	38	18.7	54.9	8.4	2.46	
E5697421 (5044827)		<0.2	1.60	3	5	76	<0.5	<1	0.42	<0.5	32	12.1	48.9	8.1	1.97	
E5697422 (5044828)		<0.2	2.54	<1	6	121	0.7	<1	0.45	<0.5	46	16.5	72.7	19.3	3.01	
E5697423 (5044829)		<0.2	3.28	4	8	178	1.0	<1	0.56	<0.5	66	17.3	87.3	29.5	3.85	
E5697424 (5044830)		<0.2	1.61	4	5	74	<0.5	<1	0.34	<0.5	26	11.1	44.2	6.6	2.08	
E5697425 (5044831)		0.3	2.39	3	5	106	0.9	<1	0.20	<0.5	32	20.2	49.5	8.6	1.98	
E5697426 (5044832)		0.4	0.67	4	5	144	0.7	<1	0.32	0.9	34	4.6	19.9	17.7	0.71	
E5697427 (5044833)		<0.2	2.53	7	5	140	0.7	<1	0.43	<0.5	47	18.2	65.2	15.6	3.09	
E5697428 (5044834)		<0.2	0.46	3	5	85	<0.5	<1	0.10	0.7	14	3.5	34.9	16.4	0.75	
E5697429 (5044835)		<0.2	0.39	<1	5	39	<0.5	<1	0.07	<0.5	17	1.5	18.1	12.1	0.38	
E5697430 (5044836)		<0.2	2.02	3	5	96	0.6	<1	0.42	<0.5	45	9.8	61.9	20.3	2.39	
E5697431 (5044837)		<0.2	1.73	2	5	61	<0.5	<1	0.31	<0.5	28	9.5	59.4	8.4	1.98	
E5697432 (5044838)		<0.2	1.71	<1	5	108	0.5	<1	0.48	<0.5	42	13.4	54.2	11.9	2.36	
E5697433 (5044839)		<0.2	1.56	4	5	75	<0.5	<1	0.28	<0.5	28	17.1	44.4	11.1	2.44	
E5697434 (5044840)		<0.2	2.06	7	5	108	0.6	<1	0.62	<0.5	54	12.7	65.8	23.2	2.64	
E5697435 (5044841)		<0.2	2.80	7	9	133	1.0	<1	0.49	<0.5	63	17.3	70.1	29.0	3.58	
E5697436 (5044842)		<0.2	1.97	2	5	99	0.7	<1	0.51	<0.5	45	19.2	61.1	12.5	2.74	
E5697437 (5044843)		<0.2	0.59	2	5	33	<0.5	<1	0.19	<0.5	17	3.7	23.4	2.8	0.95	
E5697438 (5044844)		<0.2	1.04	2	5	43	<0.5	<1	0.29	<0.5	26	8.1	31.9	17.1	1.52	
E5697439 (5044845)		<0.2	0.63	7	5	51	<0.5	<1	0.19	<0.5	19	5.0	20.2	3.4	0.94	
E5697440 (5044846)		<0.2	0.98	<1	5	63	<0.5	<1	0.26	<0.5	18	7.2	118	5.5	1.40	
E5697441 (5044847)		<0.2	0.75	4	5	85	<0.5	<1	0.25	0.6	18	11.2	128	10.2	1.27	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U792855  
PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013						DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697442 (5044848)	<0.2	3.15	7	6	152	0.8	<1	0.51	<0.5	43	18.6	83.1	17.8	3.66	
E5697443 (5044849)	<0.2	1.37	1	5	58	<0.5	<1	0.34	<0.5	23	10.4	64.6	5.2	1.92	
E5697444 (5044850)	<0.2	1.66	<1	5	85	<0.5	<1	0.45	<0.5	37	11.1	55.4	12.8	2.13	
E5697445 (5044851)	<0.2	2.14	4	5	161	0.7	<1	0.60	<0.5	65	13.8	69.1	15.2	2.49	
E5697446 (5044852)	<0.2	1.55	<1	5	117	0.5	<1	1.26	<0.5	46	9.7	54.5	17.1	1.76	
E5697447 (5044853)	<0.2	2.26	1	7	89	0.7	<1	0.40	<0.5	38	13.0	55.1	21.0	2.84	
E5697448 (5044854)	<0.2	1.39	3	5	56	<0.5	<1	0.26	<0.5	24	7.5	36.1	9.0	1.81	
E5697449 (5044855)	<0.2	1.22	3	5	46	<0.5	<1	0.26	<0.5	25	8.8	35.9	6.4	1.79	
E5697450 (5044856)	<0.2	1.25	<1	5	50	<0.5	<1	0.37	<0.5	30	8.5	42.8	6.1	1.80	
E5697451 (5044857)	<0.2	0.71	3	5	48	<0.5	<1	0.21	<0.5	20	4.7	39.5	3.3	1.03	
E5697452 (5044858)	<0.2	1.06	1	5	64	<0.5	<1	0.23	<0.5	17	8.1	77.9	12.7	1.49	
E5697453 (5044859)	<0.2	1.21	5	5	64	<0.5	<1	0.25	<0.5	19	7.8	79.6	6.5	1.72	
E5697454 (5044860)	<0.2	0.92	<1	5	13	<0.5	<1	0.18	<0.5	18	8.5	165	6.0	1.73	
E5697455 (5044861)	<0.2	1.50	7	5	80	<0.5	<1	0.18	<0.5	20	7.0	39.5	9.9	1.72	
E5697456 (5044862)	<0.2	1.74	5	5	101	0.6	<1	0.47	<0.5	46	11.7	56.9	15.6	2.35	
E5697457 (5044863)	0.2	1.62	<1	6	148	0.7	<1	2.40	<0.5	50	6.8	42.7	24.6	1.62	
E5697458 (5044864)	<0.2	1.58	5	5	96	0.6	<1	0.62	<0.5	57	11.0	48.6	14.4	2.01	
E5697459 (5044865)	<0.2	2.19	3	5	154	0.8	<1	0.49	<0.5	58	13.0	60.5	19.1	2.68	
E5697460 (5044866)	<0.2	3.13	9	6	176	1.2	<1	0.65	<0.5	76	23.9	79.7	24.2	4.03	
E5697461 (5044867)	<0.2	2.45	3	5	124	0.8	<1	0.24	<0.5	52	12.2	66.9	15.5	2.55	
E5697462 (5044868)	0.2	2.20	6	5	142	0.9	<1	0.54	<0.5	73	12.3	53.3	13.8	2.70	
E5697463 (5044869)	<0.2	1.97	7	5	126	0.7	<1	0.55	<0.5	60	11.3	55.4	13.0	2.46	
E5697464 (5044870)	<0.2	1.81	<1	5	85	0.5	<1	0.32	<0.5	49	8.7	54.5	18.8	2.22	
E5697465 (5044871)	<0.2	1.69	9	5	89	0.5	<1	0.37	<0.5	45	11.1	52.4	14.5	2.22	
E5697466 (5044872)	0.2	1.10	1	5	141	<0.5	<1	0.47	<0.5	29	7.8	105	9.4	1.20	
E5697467 (5044873)	<0.2	1.23	4	5	56	<0.5	<1	0.28	<0.5	26	9.7	61.3	8.0	1.73	
E5697468 (5044874)	<0.2	1.12	5	5	143	<0.5	<1	2.06	<0.5	34	7.8	38.4	20.7	1.48	
E5697469 (5044875)	0.2	2.20	10	5	255	0.8	<1	2.25	<0.5	62	10.2	54.3	25.9	2.16	
E5697470 (5044876)	<0.2	1.64	7	5	103	0.6	<1	0.58	<0.5	57	11.4	51.0	13.0	2.18	
E5697471 (5044878)	<0.2	1.54	<1	5	85	0.5	<1	0.43	<0.5	49	9.7	47.7	13.5	1.95	
E5697472 (5044879)	0.2	1.98	7	5	177	0.8	<1	1.19	0.9	59	12.5	56.7	24.2	2.41	
E5697473 (5044880)	0.3	1.45	7	7	183	1.1	<1	3.08	0.9	103	5.6	24.3	21.5	1.26	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U792855  
PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5697474 (5044881)	0.3	3.75	<1	<5	280	1.3	<1	0.72	<0.5	80	16.8	86.9	20.6	3.90	
E5697475 (5044882)	0.3	2.29	10	5	289	1.1	<1	1.68	0.6	99	9.4	50.7	28.2	2.02	
E5697476 (5044883)	0.3	3.12	7	6	272	1.0	<1	1.93	0.5	51	13.0	80.6	32.5	3.45	
E5697477 (5044884)	<0.2	2.79	10	<5	268	1.1	<1	0.68	<0.5	88	17.5	95.7	22.3	3.36	
E5697478 (5044885)	0.3	1.46	5	5	256	0.8	<1	2.42	<0.5	49	4.6	57.1	28.7	1.06	
E5697479 (5044886)	<0.2	0.92	3	10	138	<0.5	<1	3.65	1.0	21	5.3	23.5	19.8	0.75	
E5697480 (5044887)	<0.2	0.31	2	5	61	<0.5	<1	1.91	0.7	7	2.1	8.5	20.7	0.34	
E5697481 (5044888)	<0.2	1.37	10	7	190	<0.5	<1	2.92	<0.5	27	5.9	36.3	20.1	1.49	
E5697482 (5044889)	<0.2	2.01	6	<5	137	0.7	<1	0.59	<0.5	63	14.0	60.7	14.2	2.53	
E5697483 (5044890)	<0.2	1.75	1	<5	114	0.6	<1	0.44	<0.5	57	12.0	52.2	12.8	2.20	
E5697484 (5044891)	<0.2	1.73	<1	<5	117	0.6	<1	0.47	<0.5	53	12.4	53.4	11.2	2.23	
E5697485 (5044892)	<0.2	1.35	8	8	157	0.6	<1	2.87	<0.5	28	4.9	31.0	22.3	1.10	
E5697486 (5044893)	0.3	2.59	8	8	289	1.0	<1	1.94	0.6	105	9.5	58.4	23.5	2.22	
E5697487 (5044894)	0.3	2.08	8	7	252	0.8	<1	1.60	0.8	80	7.6	43.4	27.3	1.34	
E5697488 (5044895)	0.3	1.38	6	7	168	0.6	<1	2.67	0.6	62	4.6	31.4	24.8	0.89	
E5697489 (5044896)	<0.2	0.36	9	7	70	<0.5	<1	2.56	<0.5	10	1.9	7.9	11.1	0.42	
E5697490 (5044897)	<0.2	0.31	8	8	83	<0.5	<1	3.62	<0.5	5	2.0	6.7	7.8	0.39	
E5697491 (5044898)	<0.2	0.20	7	8	81	<0.5	<1	3.06	<0.5	2	1.0	5.6	6.5	0.24	
E5697492 (5044899)	<0.2	0.72	9	7	109	<0.5	<1	3.08	0.5	18	3.7	15.7	14.9	0.75	
E5697493 (5044900)	<0.2	0.51	3	7	91	<0.5	<1	2.71	<0.5	8	2.4	10.4	14.2	0.45	
E5697494 (5044901)	<0.2	2.61	6	<5	185	0.9	<1	1.22	<0.5	64	12.8	71.8	21.1	2.75	
E5697495 (5044902)	<0.2	2.13	7	7	182	0.8	<1	2.02	<0.5	46	8.6	52.7	26.8	1.81	
E5697496 (5044903)	<0.2	1.68	2	9	147	0.6	<1	2.04	0.8	42	7.2	36.8	29.6	1.60	
E5697497 (5044904)	<0.2	3.28	<1	12	223	0.9	<1	1.66	0.5	50	8.1	80.5	30.1	2.08	
E5697498 (5044905)	<0.2	2.66	<1	12	218	0.7	<1	2.06	0.5	39	8.5	58.4	22.1	2.14	
E5697499 (5044906)	<0.2	2.91	38	11	200	0.8	<1	1.92	<0.5	50	41.8	61.4	47.5	1.83	
E5697500 (5044907)	<0.2	1.48	4	9	143	0.6	<1	2.11	<0.5	44	5.0	37.1	25.1	0.97	
E5697501 (5044908)	<0.2	0.72	<1	7	112	<0.5	<1	2.26	<0.5	35	2.5	14.1	15.7	0.51	
E5697502 (5044909)	<0.2	0.38	<1	7	89	<0.5	<1	2.85	0.6	9	0.8	7.7	15.0	0.37	
E5697503 (5044910)	<0.2	0.38	<1	7	76	<0.5	<1	2.83	<0.5	5	1.2	8.9	17.2	0.31	
E5697504 (5044911)	<0.2	0.56	<1	7	81	<0.5	<1	2.64	<0.5	10	0.8	11.4	13.6	0.29	
E5697505 (5044912)	<0.2	0.11	<1	26	404	<0.5	<1	4.78	<0.5	1	<0.5	3.1	9.6	0.13	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U792855  
PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5697506 (5044913)		<0.2	1.63	3	11	153	<0.5	<1	2.61	<0.5	20	4.6	39.2	16.0	1.36
E5697507 (5044914)		<0.2	1.42	<1	8	114	<0.5	<1	2.04	<0.5	20	3.8	27.7	21.6	1.13
E5697508 (5044915)		<0.2	2.56	<1	11	186	0.8	<1	1.83	<0.5	51	8.8	57.0	27.9	2.04
E5697509 (5044916)		<0.2	3.56	<1	13	248	0.9	<1	1.56	<0.5	49	9.0	92.2	27.6	2.32
E5697510 (5044917)		<0.2	0.99	<1	7	107	<0.5	<1	2.24	0.5	18	3.5	22.5	17.1	1.15
E5697511 (5044918)		<0.2	3.27	<1	12	218	1.0	<1	2.01	0.5	59	9.9	65.6	28.2	2.27
E5697512 (5044919)		<0.2	1.44	<1	8	113	<0.5	<1	1.96	<0.5	29	6.1	48.2	17.0	1.40
E5697513 (5044920)		<0.2	1.58	<1	9	103	<0.5	<1	1.64	<0.5	34	6.3	61.8	17.0	1.56
E5697514 (5044921)		<0.2	0.41	2	9	93	<0.5	<1	2.88	<0.5	9	1.7	8.8	10.0	0.45
E5697515 (5044922)		<0.2	0.33	<1	7	65	<0.5	<1	2.44	<0.5	5	0.7	7.7	9.8	0.25
E5697516 (5044923)		<0.2	0.54	<1	10	191	<0.5	<1	3.50	0.5	10	1.8	15.8	13.9	0.49
E5697517 (5044924)		<0.2	0.15	<1	35	1560	<0.5	<1	5.75	0.6	3	<0.5	4.0	5.7	0.73
E5697518 (5044925)		<0.2	1.60	3	11	166	<0.5	<1	2.08	<0.5	36	7.3	56.1	16.5	1.64
E5697519 (5044926)		<0.2	1.47	1	9	93	<0.5	<1	1.68	<0.5	30	5.0	55.1	20.3	1.17
E5697520 (5044927)		<0.2	2.74	<1	9	201	0.8	<1	1.68	<0.5	57	7.5	60.5	28.2	1.87
E5697521 (5044928)		<0.2	3.24	<1	12	241	0.9	<1	1.88	<0.5	52	8.8	73.7	28.3	2.16
E5697522 (5044929)		<0.2	1.87	<1	6	102	0.5	<1	0.89	<0.5	45	7.3	91.6	14.0	1.73
E5697523 (5044930)		<0.2	1.29	<1	8	117	<0.5	<1	2.24	<0.5	20	3.4	29.8	16.5	1.11
E5697524 (5044931)		<0.2	1.96	<1	9	118	0.6	<1	1.13	<0.5	48	8.8	93.6	28.2	1.87
E5697525 (5044932)		<0.2	1.80	23	6	96	<0.5	<1	0.85	<0.5	42	34.7	82.9	28.9	1.69
E5697526 (5044933)		<0.2	0.47	<1	8	79	<0.5	<1	2.45	<0.5	12	3.2	16.9	11.3	0.48
E5697527 (5044934)		<0.2	0.26	<1	8	57	<0.5	<1	2.39	<0.5	5	<0.5	7.5	8.3	0.22
E5697528 (5044935)		<0.2	1.26	5	13	167	<0.5	<1	2.66	<0.5	28	5.7	45.0	17.1	1.30
E5697529 (5044936)		<0.2	0.12	<1	30	286	<0.5	<1	4.55	0.6	2	<0.5	3.7	7.0	0.16
E5697530 (5044937)		<0.2	1.70	<1	7	103	0.5	<1	0.86	<0.5	50	9.0	65.7	15.1	1.88
E5697531 (5044938)		<0.2	1.54	<1	<5	72	<0.5	<1	0.53	<0.5	40	7.8	61.7	7.8	1.73
E5697532 (5044939)		<0.2	3.15	<1	11	217	0.9	<1	1.62	<0.5	56	9.1	70.2	27.8	2.32
E5697533 (5044940)		<0.2	2.61	<1	10	188	0.8	<1	1.87	<0.5	44	6.7	62.0	29.6	1.67
E5697534 (5044941)		<0.2	1.54	<1	6	80	<0.5	<1	0.88	<0.5	41	6.7	65.9	16.1	1.45
E5697535 (5044942)		<0.2	0.67	<1	7	85	<0.5	<1	2.18	0.9	14	2.9	17.9	16.3	1.09
E5697536 (5044943)		<0.2	1.95	<1	6	102	<0.5	<1	0.91	<0.5	39	8.2	76.1	14.1	1.91
E5697537 (5044944)		<0.2	1.24	<1	7	127	<0.5	<1	2.29	0.6	24	5.0	31.0	15.6	2.01

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U792855

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %
E5697538 (5044945)	<0.2	0.57	<1	8	104	<0.5	<1	3.27	<0.5	14	2.5	11.0	10.4	0.46	
E5697539 (5044946)	<0.2	0.13	6	8	38	<0.5	1	1.54	<0.5	2	1.2	2.7	11.6	0.16	
E5697540 (5044947)	<0.2	1.60	32	8	100	0.5	<1	1.03	<0.5	41	37.1	65.5	30.0	1.84	
E5697541 (5044948)	<0.2	0.17	5	13	154	<0.5	<1	2.88	0.7	4	2.2	5.7	10.1	0.40	

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte: Unit: RDL:	Ga ppm 5	Hg ppm 1	In ppm 1	K % 0.01	La ppm 1	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 0.5	Rb ppm 10	
E5697410 (5044816)	11	<1	4	0.48	28	44	1.34	580	1.5	0.04	49.7	336	17.3	91	
E5697411 (5044817)	<5	1	<1	0.08	10	11	0.33	111	1.0	0.01	18.4	414	3.1	16	
E5697412 (5044818)	<5	2	2	0.10	12	20	0.61	296	1.7	0.02	33.4	362	6.9	21	
E5697413 (5044819)	<5	<1	<1	0.03	10	1	0.06	33	1.0	<0.01	4.6	136	8.5	<10	
E5697414 (5044820)	<5	<1	<1	0.07	15	2	0.12	71	1.8	0.01	13.9	1010	29.6	<10	
E5697415 (5044821)	<5	<1	2	0.10	22	1	0.15	185	3.0	<0.01	22.5	1350	40.0	10	
E5697416 (5044822)	6	1	1	0.03	14	8	0.19	56	2.2	<0.01	36.2	473	23.7	<10	
E5697417 (5044823)	<5	2	1	0.06	9	10	0.23	81	1.8	<0.01	20.3	315	18.3	11	
E5697418 (5044824)	<5	3	1	0.06	9	10	0.39	146	1.7	0.02	59.5	367	1.4	12	
E5697419 (5044825)	<5	<1	<1	0.15	16	18	0.67	542	1.9	0.03	25.9	453	7.5	33	
E5697420 (5044826)	6	4	<1	0.23	13	25	0.77	880	1.9	0.03	27.5	442	8.0	67	
E5697421 (5044827)	<5	<1	<1	0.09	14	22	0.56	623	2.0	0.02	31.0	314	7.2	23	
E5697422 (5044828)	7	<1	2	0.31	17	30	0.96	509	0.9	0.04	37.1	435	12.2	57	
E5697423 (5044829)	8	1	3	0.40	29	36	1.20	456	0.9	0.05	44.7	384	16.3	73	
E5697424 (5044830)	<5	3	<1	0.13	11	20	0.57	372	<0.5	0.02	23.0	405	7.5	34	
E5697425 (5044831)	6	<1	5	0.06	17	21	0.34	363	1.7	0.01	31.1	470	9.6	17	
E5697426 (5044832)	<5	<1	1	0.09	20	3	0.15	182	3.0	0.01	26.7	1220	61.5	11	
E5697427 (5044833)	7	2	<1	0.28	15	33	0.94	600	0.9	0.03	36.9	345	17.5	60	
E5697428 (5044834)	<5	3	1	0.03	7	2	0.08	43	1.8	<0.01	24.2	301	31.2	<10	
E5697429 (5044835)	<5	2	2	0.03	9	<1	0.04	33	1.4	<0.01	9.4	355	14.0	<10	
E5697430 (5044836)	<5	<1	3	0.17	23	18	0.68	300	1.5	0.04	30.3	398	4.8	28	
E5697431 (5044837)	<5	1	2	0.11	10	17	0.61	207	1.5	0.03	35.1	359	5.4	23	
E5697432 (5044838)	6	1	<1	0.19	19	23	0.74	781	1.7	0.02	30.5	533	11.1	69	
E5697433 (5044839)	7	3	3	0.20	12	19	0.57	977	1.2	0.02	21.8	327	12.3	51	
E5697434 (5044840)	<5	4	2	0.21	30	22	0.85	461	2.1	0.06	35.9	564	6.1	35	
E5697435 (5044841)	9	<1	<1	0.36	30	34	1.00	436	2.0	0.03	39.1	439	20.3	59	
E5697436 (5044842)	7	<1	<1	0.25	20	28	0.84	1260	2.2	0.03	30.4	641	17.5	80	
E5697437 (5044843)	<5	<1	3	0.03	7	5	0.16	96	<0.5	<0.01	10.8	218	<0.5	13	
E5697438 (5044844)	<5	<1	<1	0.11	12	17	0.46	233	1.5	0.02	27.5	354	4.4	26	
E5697439 (5044845)	<5	<1	4	0.07	8	9	0.26	403	1.2	0.01	11.4	252	10.1	31	
E5697440 (5044846)	<5	2	<1	0.07	9	10	0.50	245	0.7	0.01	34.6	310	6.7	22	
E5697441 (5044847)	<5	<1	<1	0.07	9	6	0.40	852	1.7	0.01	36.0	366	21.6	24	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 13U792855  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697442 (5044848)	9	3	3	0.41	16	38	1.20	696	<0.5	0.05	40.9	381	13.3	102	
E5697443 (5044849)	<5	<1	<1	0.09	10	17	0.59	369	1.3	0.02	33.9	370	6.2	20	
E5697444 (5044850)	<5	<1	<1	0.14	18	18	0.67	577	1.1	0.03	29.4	350	8.7	48	
E5697445 (5044851)	5	2	2	0.18	30	27	0.79	447	2.3	0.03	41.9	570	14.0	43	
E5697446 (5044852)	<5	7	2	0.15	22	19	0.64	192	1.8	0.02	29.5	451	6.2	33	
E5697447 (5044853)	7	<1	2	0.27	17	28	0.80	381	0.9	0.02	32.8	355	14.1	51	
E5697448 (5044854)	<5	<1	<1	0.13	10	17	0.48	198	1.1	0.01	18.9	315	8.4	26	
E5697449 (5044855)	<5	2	1	0.14	11	17	0.50	296	1.6	0.02	19.7	305	4.1	34	
E5697450 (5044856)	<5	<1	2	0.13	14	17	0.56	299	1.0	0.02	21.9	420	6.0	33	
E5697451 (5044857)	<5	<1	2	0.05	9	8	0.23	111	1.2	<0.01	15.6	348	8.9	14	
E5697452 (5044858)	<5	3	3	0.07	8	12	0.47	343	1.3	0.01	33.9	357	10.5	20	
E5697453 (5044859)	<5	3	<1	0.07	8	14	0.49	222	1.0	0.01	34.1	408	5.8	19	
E5697454 (5044860)	<5	<1	<1	0.02	8	12	0.50	91	0.9	<0.01	63.0	636	<0.5	<10	
E5697455 (5044861)	6	2	2	0.07	9	12	0.30	397	1.4	0.01	20.3	992	11.4	15	
E5697456 (5044862)	<5	1	1	0.19	22	22	0.74	476	1.5	0.03	32.3	471	7.6	55	
E5697457 (5044863)	<5	<1	<1	0.14	30	16	0.59	147	3.5	0.02	32.1	851	11.6	35	
E5697458 (5044864)	<5	2	1	0.14	27	20	0.61	410	2.0	0.02	28.9	432	7.5	32	
E5697459 (5044865)	6	4	1	0.22	29	25	0.76	707	2.8	0.02	38.4	282	16.8	46	
E5697460 (5044866)	9	1	<1	0.36	31	44	1.23	906	0.7	0.03	46.8	316	21.2	90	
E5697461 (5044867)	6	<1	3	0.17	23	28	0.73	424	1.2	0.02	39.0	466	10.0	42	
E5697462 (5044868)	6	<1	<1	0.16	35	25	0.63	596	1.8	0.01	35.0	640	12.3	39	
E5697463 (5044869)	<5	2	<1	0.18	28	27	0.66	197	2.1	0.02	35.5	534	9.7	46	
E5697464 (5044870)	<5	<1	<1	0.15	25	17	0.66	241	0.5	0.03	28.4	359	8.3	26	
E5697465 (5044871)	6	<1	<1	0.20	19	21	0.70	373	4.5	0.03	27.4	337	12.0	43	
E5697466 (5044872)	<5	3	<1	0.06	13	15	0.53	98	4.7	0.01	49.5	481	6.2	14	
E5697467 (5044873)	<5	<1	1	0.11	11	15	0.56	319	1.1	0.02	31.3	341	6.2	24	
E5697468 (5044874)	<5	<1	<1	0.15	17	14	0.72	497	5.7	0.02	29.9	747	13.6	30	
E5697469 (5044875)	<5	4	<1	0.18	33	16	0.58	298	3.8	0.02	36.6	895	29.1	40	
E5697470 (5044876)	<5	<1	<1	0.16	24	22	0.66	439	2.5	0.02	30.5	514	7.2	36	
E5697471 (5044878)	<5	<1	<1	0.11	22	20	0.61	307	1.8	0.02	29.3	397	10.2	27	
E5697472 (5044879)	<5	5	1	0.18	32	23	0.73	1210	2.0	0.02	41.2	663	21.6	43	
E5697473 (5044880)	<5	<1	<1	0.07	59	8	0.39	1240	4.6	0.01	27.1	1170	10.8	19	

Certified By:



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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013		DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:		Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:		ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5697474 (5044881)		9	<1	1	0.30	40	40	1.00	830	2.6	0.02	53.1	853	23.1	78	
E5697475 (5044882)		<5	4	1	0.18	61	19	0.56	517	3.8	0.02	41.5	1160	26.2	40	
E5697476 (5044883)		9	2	<1	0.28	29	35	1.04	529	4.0	0.03	53.3	990	16.2	69	
E5697477 (5044884)		7	<1	3	0.23	52	32	0.97	1380	2.0	0.03	66.2	707	17.8	60	
E5697478 (5044885)		<5	<1	<1	0.11	29	12	0.39	182	6.8	0.02	29.2	1310	8.5	21	
E5697479 (5044886)		<5	2	3	0.02	13	2	0.29	717	7.2	0.01	24.4	855	5.3	11	
E5697480 (5044887)		<5	2	1	0.02	4	<1	0.19	118	6.9	<0.01	9.4	476	12.5	<10	
E5697481 (5044888)		<5	<1	<1	0.12	16	9	0.41	359	5.5	0.01	22.3	820	23.7	24	
E5697482 (5044889)		<5	2	2	0.17	30	25	0.75	456	1.5	0.03	37.5	524	11.1	44	
E5697483 (5044890)		5	<1	<1	0.16	26	21	0.64	396	1.2	0.03	31.5	456	8.3	34	
E5697484 (5044891)		5	5	2	0.16	24	23	0.66	418	2.3	0.03	32.5	467	8.2	35	
E5697485 (5044892)		<5	<1	<1	0.12	18	9	0.45	285	4.2	0.02	20.9	514	7.6	27	
E5697486 (5044893)		6	5	3	0.21	54	21	0.62	473	3.2	0.02	35.5	947	31.9	47	
E5697487 (5044894)		<5	<1	2	0.15	46	13	0.44	192	4.8	0.02	34.3	972	23.7	34	
E5697488 (5044895)		<5	3	<1	0.08	36	7	0.32	255	5.7	0.02	23.3	933	10.6	18	
E5697489 (5044896)		<5	<1	<1	0.02	7	<1	0.20	174	6.0	<0.01	9.7	405	7.0	<10	
E5697490 (5044897)		<5	<1	1	0.02	4	<1	0.30	146	8.9	0.01	7.8	417	5.4	<10	
E5697491 (5044898)		<5	<1	<1	<0.01	1	<1	0.22	151	8.1	<0.01	6.7	311	3.5	<10	
E5697492 (5044899)		<5	<1	<1	0.05	10	2	0.26	219	5.7	0.01	16.7	756	11.8	11	
E5697493 (5044900)		<5	<1	<1	0.03	5	2	0.25	111	5.8	0.01	10.4	734	6.3	<10	
E5697494 (5044901)		<5	2	<1	0.23	36	33	0.98	453	2.9	0.03	44.3	436	10.8	55	
E5697495 (5044902)		<5	<1	<1	0.19	27	19	0.64	312	2.8	0.03	31.8	586	12.9	42	
E5697496 (5044903)		<5	<1	<1	0.16	24	13	0.44	305	<0.5	0.02	29.0	594	12.2	32	
E5697497 (5044904)		7	<1	<1	0.31	28	29	0.72	251	<0.5	0.03	42.9	734	14.2	56	
E5697498 (5044905)		6	<1	<1	0.27	21	24	0.66	450	<0.5	0.02	35.9	856	23.8	56	
E5697499 (5044906)		6	<1	<1	0.27	45	22	0.56	409	46.7	0.02	35.9	983	43.3	52	
E5697500 (5044907)		<5	<1	<1	0.12	24	10	0.36	193	3.3	0.02	24.3	810	8.1	23	
E5697501 (5044908)		<5	2	<1	0.05	20	3	0.22	145	<0.5	0.01	14.1	635	5.9	11	
E5697502 (5044909)		<5	<1	<1	0.03	5	1	0.27	160	1.4	0.01	8.4	762	9.5	<10	
E5697503 (5044910)		<5	<1	<1	0.03	3	<1	0.24	191	1.4	<0.01	9.0	629	5.1	<10	
E5697504 (5044911)		<5	<1	<1	0.03	5	1	0.25	236	<0.5	<0.01	11.2	601	0.6	<10	
E5697505 (5044912)		<5	<1	<1	0.05	<1	<1	0.46	2450	7.1	<0.01	4.9	928	29.3	11	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 13U792855  
PROJECT NO: Soil Sampling Project

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5697506 (5044913)	<5	<1	<1	0.16	10	15	0.51	415	<0.5	0.02	22.0	707	13.6	29	
E5697507 (5044914)	<5	<1	<1	0.12	11	9	0.35	287	<0.5	0.01	20.1	639	8.3	21	
E5697508 (5044915)	6	2	<1	0.25	29	23	0.64	292	<0.5	0.02	37.9	685	20.1	51	
E5697509 (5044916)	9	<1	<1	0.36	28	33	0.82	250	<0.5	0.03	45.7	717	14.5	64	
E5697510 (5044917)	<5	<1	<1	0.09	10	6	0.29	271	<0.5	0.02	19.1	855	20.0	16	
E5697511 (5044918)	8	<1	<1	0.29	32	25	0.61	499	<0.5	0.03	39.2	885	22.1	50	
E5697512 (5044919)	<5	<1	<1	0.13	15	13	0.43	232	<0.5	0.02	23.8	781	15.8	26	
E5697513 (5044920)	<5	<1	<1	0.16	17	15	0.45	191	<0.5	0.02	25.1	813	12.8	28	
E5697514 (5044921)	<5	<1	<1	0.04	5	1	0.26	283	<0.5	0.02	8.6	564	12.0	<10	
E5697515 (5044922)	<5	<1	<1	0.02	3	<1	0.19	154	0.9	0.01	7.8	594	3.6	<10	
E5697516 (5044923)	<5	<1	<1	0.06	6	2	0.35	376	0.9	0.01	11.8	781	15.8	14	
E5697517 (5044924)	10	2	<1	0.03	<1	<1	0.41	17300	12.2	<0.01	3.5	1310	12.7	11	
E5697518 (5044925)	<5	<1	<1	0.18	17	18	0.61	953	<0.5	0.03	26.4	649	13.6	31	
E5697519 (5044926)	<5	<1	<1	0.14	15	13	0.44	236	<0.5	0.02	22.8	682	9.0	23	
E5697520 (5044927)	6	2	<1	0.25	33	24	0.65	300	<0.5	0.02	39.4	629	16.1	53	
E5697521 (5044928)	7	3	<1	0.32	29	29	0.77	274	<0.5	0.03	42.8	777	16.8	62	
E5697522 (5044929)	<5	<1	<1	0.19	21	22	0.65	223	<0.5	0.03	32.3	630	11.1	31	
E5697523 (5044930)	<5	<1	<1	0.11	11	7	0.31	176	<0.5	0.02	19.1	632	7.6	19	
E5697524 (5044931)	<5	<1	<1	0.19	23	23	0.66	244	<0.5	0.02	36.6	677	8.1	31	
E5697525 (5044932)	<5	2	<1	0.17	34	21	0.62	193	36.0	0.02	30.3	606	28.5	29	
E5697526 (5044933)	<5	<1	<1	0.03	7	2	0.24	238	2.6	0.01	9.8	610	3.9	<10	
E5697527 (5044934)	<5	2	<1	0.02	3	<1	0.20	128	1.2	0.01	4.5	553	2.9	<10	
E5697528 (5044935)	<5	2	<1	0.15	13	15	0.61	244	0.6	0.02	22.7	709	14.4	29	
E5697529 (5044936)	<5	<1	<1	0.04	<1	<1	0.42	300	2.3	0.01	4.3	730	17.5	11	
E5697530 (5044937)	<5	<1	<1	0.16	23	22	0.64	363	<0.5	0.02	33.1	688	9.3	32	
E5697531 (5044938)	<5	<1	<1	0.13	19	19	0.58	288	<0.5	0.02	28.4	459	5.5	24	
E5697532 (5044939)	8	<1	<1	0.30	32	29	0.77	332	<0.5	0.03	42.8	658	12.0	60	
E5697533 (5044940)	6	<1	<1	0.23	26	20	0.55	219	<0.5	0.02	35.0	754	13.1	40	
E5697534 (5044941)	<5	3	<1	0.15	19	18	0.58	189	<0.5	0.02	29.4	634	5.4	24	
E5697535 (5044942)	<5	<1	<1	0.08	7	5	0.28	307	<0.5	0.01	15.6	903	32.0	14	
E5697536 (5044943)	5	<1	<1	0.18	18	24	0.69	215	<0.5	0.02	32.1	653	8.6	33	
E5697537 (5044944)	<5	3	<1	0.14	13	9	0.40	331	<0.5	0.02	21.0	1120	25.2	21	

Certified By:



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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013							DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
E5697538 (5044945)	<5	<1	<1	0.04	8	2	0.27	295	0.6	0.01	10.9	703	5.0	<10	
E5697539 (5044946)	<5	<1	<1	0.01	1	<1	0.19	181	5.5	<0.01	5.8	449	17.1	<10	
E5697540 (5044947)	5	1	1	0.17	34	21	0.68	350	40.7	0.03	30.6	699	36.6	29	
E5697541 (5044948)	<5	3	<1	0.04	3	1	0.36	343	7.7	0.01	6.7	556	33.1	<10	

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Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697410 (5044816)	0.014	<1	12.9	<10	13	39.1	<10	<10	11	0.21	<5	<5	89.5	<1	
E5697411 (5044817)	0.015	<1	2.5	<10	6	10.9	<10	<10	<5	0.09	<5	<5	32.9	<1	
E5697412 (5044818)	0.020	1	3.5	<10	6	18.5	<10	<10	<5	0.12	12	<5	43.5	<1	
E5697413 (5044819)	0.008	<1	0.9	<10	<5	9.9	<10	<10	<5	0.06	14	<5	14.8	<1	
E5697414 (5044820)	0.095	<1	0.9	<10	<5	22.0	<10	<10	<5	0.02	6	<5	15.5	31	
E5697415 (5044821)	0.176	<1	1.2	10	<5	33.8	<10	<10	<5	0.03	<5	<5	18.3	<1	
E5697416 (5044822)	0.055	1	2.1	<10	5	14.0	<10	<10	<5	0.08	<5	<5	40.4	<1	
E5697417 (5044823)	0.034	4	1.4	<10	<5	18.0	<10	<10	<5	0.07	<5	<5	22.6	<1	
E5697418 (5044824)	0.036	1	2.3	<10	7	17.3	<10	<10	<5	0.09	11	<5	30.6	<1	
E5697419 (5044825)	0.011	<1	4.5	<10	9	23.1	<10	<10	<5	0.15	11	<5	50.7	<1	
E5697420 (5044826)	0.012	<1	4.5	<10	11	24.5	<10	<10	<5	0.18	<5	<5	57.9	<1	
E5697421 (5044827)	0.021	2	3.2	<10	8	24.0	<10	<10	<5	0.12	6	<5	50.0	<1	
E5697422 (5044828)	0.010	<1	7.4	<10	13	29.0	<10	<10	7	0.18	6	<5	65.7	<1	
E5697423 (5044829)	0.011	<1	12.7	<10	15	37.4	<10	<10	10	0.21	<5	<5	78.1	<1	
E5697424 (5044830)	0.011	<1	3.5	<10	10	21.3	<10	<10	<5	0.14	<5	<5	46.5	<1	
E5697425 (5044831)	0.043	1	2.8	<10	7	20.0	<10	<10	<5	0.09	<5	<5	36.8	<1	
E5697426 (5044832)	0.164	<1	1.5	<10	5	37.5	<10	<10	<5	0.03	6	<5	13.7	<1	
E5697427 (5044833)	0.014	2	6.2	<10	11	27.0	<10	<10	7	0.18	13	<5	66.2	<1	
E5697428 (5044834)	0.036	<1	0.7	<10	<5	13.4	<10	<10	<5	0.03	<5	<5	18.7	<1	
E5697429 (5044835)	0.018	1	<0.5	<10	<5	9.4	<10	<10	<5	0.03	6	<5	10.7	<1	
E5697430 (5044836)	0.006	<1	6.9	<10	9	24.5	<10	<10	<5	0.15	<5	<5	50.8	<1	
E5697431 (5044837)	0.011	<1	3.7	<10	7	18.1	<10	<10	<5	0.13	<5	<5	42.4	<1	
E5697432 (5044838)	0.015	2	4.4	<10	9	29.2	<10	<10	<5	0.16	<5	<5	55.1	<1	
E5697433 (5044839)	0.015	<1	3.3	<10	7	17.7	<10	<10	<5	0.14	<5	<5	57.7	<1	
E5697434 (5044840)	0.015	2	7.1	15	7	30.7	<10	<10	5	0.16	9	<5	56.3	<1	
E5697435 (5044841)	0.012	1	11.0	<10	10	27.5	<10	<10	9	0.16	10	<5	71.2	<1	
E5697436 (5044842)	0.015	2	5.3	<10	10	29.5	<10	<10	<5	0.19	<5	<5	63.4	<1	
E5697437 (5044843)	0.019	2	1.2	<10	<5	23.6	<10	<10	<5	0.07	8	<5	21.3	<1	
E5697438 (5044844)	0.016	2	2.7	<10	7	15.7	<10	<10	<5	0.11	<5	<5	35.8	<1	
E5697439 (5044845)	0.012	2	1.6	<10	5	11.8	<10	<10	<5	0.08	12	<5	24.5	<1	
E5697440 (5044846)	0.018	<1	1.9	<10	<5	19.1	<10	<10	<5	0.09	16	<5	34.9	<1	
E5697441 (5044847)	0.020	<1	1.5	<10	<5	19.5	<10	<10	<5	0.07	<5	<5	30.6	<1	

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Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5697442 (5044848)	0.011	<1	9.0	<10	14	32.2	<10	<10	7	0.22	<5	<5	77.2	<1	
E5697443 (5044849)	0.011	<1	3.1	<10	6	18.2	<10	<10	<5	0.13	<5	<5	44.6	<1	
E5697444 (5044850)	0.023	<1	4.2	<10	7	29.4	<10	<10	<5	0.14	<5	<5	51.7	<1	
E5697445 (5044851)	0.032	3	5.2	<10	7	34.1	<10	<10	<5	0.12	<5	<5	53.6	<1	
E5697446 (5044852)	0.101	1	4.8	<10	11	35.7	<10	<10	<5	0.11	<5	<5	43.6	<1	
E5697447 (5044853)	0.015	<1	6.0	<10	8	20.2	<10	<10	<5	0.14	15	<5	58.5	<1	
E5697448 (5044854)	0.010	<1	3.1	<10	5	13.7	<10	<10	<5	0.10	<5	<5	40.9	<1	
E5697449 (5044855)	0.005	1	2.7	<10	7	15.7	<10	<10	<5	0.12	<5	<5	39.5	<1	
E5697450 (5044856)	0.009	1	3.5	<10	9	19.8	<10	<10	<5	0.14	7	<5	42.7	<1	
E5697451 (5044857)	0.010	<1	1.6	<10	<5	12.1	<10	<10	<5	0.08	11	<5	27.9	<1	
E5697452 (5044858)	0.029	<1	2.0	<10	<5	14.9	<10	<10	<5	0.08	12	<5	34.4	<1	
E5697453 (5044859)	0.020	2	2.4	<10	7	15.7	<10	<10	<5	0.10	<5	<5	36.3	<1	
E5697454 (5044860)	0.015	4	1.5	<10	<5	9.2	<10	<10	<5	0.07	11	<5	38.2	<1	
E5697455 (5044861)	0.024	2	2.6	<10	7	11.3	<10	<10	<5	0.08	5	<5	37.2	<1	
E5697456 (5044862)	0.022	<1	4.9	<10	10	30.2	<10	<10	<5	0.14	13	<5	53.7	<1	
E5697457 (5044863)	0.263	<1	4.3	<10	15	101	<10	<10	<5	0.07	9	14	32.3	<1	
E5697458 (5044864)	0.038	3	4.7	<10	7	23.3	<10	<10	<5	0.10	<5	<5	43.9	<1	
E5697459 (5044865)	0.014	<1	7.1	<10	8	20.8	<10	<10	7	0.13	<5	<5	52.5	<1	
E5697460 (5044866)	0.020	3	9.9	<10	11	33.0	<10	<10	10	0.19	<5	<5	80.6	<1	
E5697461 (5044867)	0.021	<1	4.8	<10	6	21.3	<10	<10	<5	0.11	<5	6	51.1	<1	
E5697462 (5044868)	0.032	2	4.7	<10	9	22.8	<10	<10	<5	0.08	8	5	45.9	<1	
E5697463 (5044869)	0.022	3	5.4	<10	11	42.9	<10	<10	6	0.11	<5	<5	46.8	<1	
E5697464 (5044870)	0.007	<1	6.1	<10	7	20.9	<10	<10	5	0.12	5	<5	45.1	<1	
E5697465 (5044871)	0.008	3	5.5	<10	11	22.5	<10	<10	6	0.14	9	<5	50.3	<1	
E5697466 (5044872)	0.080	<1	2.2	<10	6	31.5	<10	<10	<5	0.06	<5	5	31.4	<1	
E5697467 (5044873)	0.006	<1	3.0	<10	7	17.2	<10	<10	<5	0.11	8	<5	39.6	<1	
E5697468 (5044874)	0.171	4	3.7	<10	13	121	<10	<10	<5	0.06	<5	<5	33.6	<1	
E5697469 (5044875)	0.390	<1	5.0	<10	15	107	<10	<10	<5	0.06	13	<5	43.5	<1	
E5697470 (5044876)	0.027	2	5.0	<10	8	41.4	<10	<10	5	0.12	<5	<5	48.6	<1	
E5697471 (5044878)	0.017	1	3.5	<10	8	21.3	<10	<10	<5	0.11	10	<5	40.6	<1	
E5697472 (5044879)	0.171	2	4.7	<10	9	46.8	<10	<10	<5	0.09	8	<5	49.1	<1	
E5697473 (5044880)	0.438	<1	3.6	14	16	119	<10	<10	<5	0.03	<5	39	19.7	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 13U792855  
PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil							
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5697474 (5044881)	0.061	3	7.0	<10	9	50.3	<10	<10	<5	0.10	6	6	68.9	<1
E5697475 (5044882)	0.253	<1	4.4	<10	12	109	<10	<10	<5	0.07	14	<5	35.7	<1
E5697476 (5044883)	0.161	2	7.3	<10	15	307	<10	<10	5	0.10	<5	29	61.2	<1
E5697477 (5044884)	0.036	1	7.4	<10	9	46.5	<10	<10	5	0.14	<5	8	65.2	<1
E5697478 (5044885)	0.261	<1	3.0	<10	14	138	<10	<10	<5	0.04	<5	12	28.8	<1
E5697479 (5044886)	0.492	3	2.7	<10	17	163	<10	<10	<5	0.02	<5	<5	18.0	<1
E5697480 (5044887)	0.461	<1	0.9	<10	8	85.7	<10	<10	<5	0.01	<5	<5	11.1	<1
E5697481 (5044888)	0.328	2	3.4	<10	17	121	<10	<10	<5	0.05	<5	<5	26.7	<1
E5697482 (5044889)	0.025	1	5.7	<10	7	30.4	<10	<10	<5	0.12	<5	<5	54.7	<1
E5697483 (5044890)	0.015	<1	4.6	<10	7	21.9	<10	<10	<5	0.11	7	<5	46.3	<1
E5697484 (5044891)	0.015	2	4.8	<10	10	25.2	<10	<10	<5	0.12	<5	<5	47.4	<1
E5697485 (5044892)	0.514	3	3.8	<10	16	98.0	<10	<10	<5	0.06	6	<5	27.9	<1
E5697486 (5044893)	0.357	6	5.6	<10	12	164	<10	<10	<5	0.08	8	9	41.6	<1
E5697487 (5044894)	0.521	2	3.9	<10	10	111	<10	<10	<5	0.07	<5	<5	30.0	<1
E5697488 (5044895)	0.488	<1	3.5	<10	12	187	<10	<10	<5	0.05	<5	<5	21.7	<1
E5697489 (5044896)	0.437	<1	1.1	<10	12	116	<10	<10	<5	<0.01	<5	<5	10.4	<1
E5697490 (5044897)	0.367	<1	1.0	<10	18	149	<10	<10	<5	<0.01	<5	<5	8.8	<1
E5697491 (5044898)	0.323	<1	0.7	<10	13	159	<10	<10	<5	<0.01	9	<5	6.8	<1
E5697492 (5044899)	0.435	5	1.9	<10	12	133	<10	<10	<5	0.02	<5	<5	15.8	<1
E5697493 (5044900)	0.448	2	1.2	<10	11	104	<10	<10	<5	0.02	<5	<5	11.6	<1
E5697494 (5044901)	0.128	2	6.9	<10	10	61.0	<10	<10	<5	0.13	8	<5	56.0	<1
E5697495 (5044902)	0.292	<1	5.4	<10	14	86.5	<10	<10	<5	0.10	<5	<5	41.2	<1
E5697496 (5044903)	0.271	<1	3.7	13	15	79.7	<10	<10	<5	0.07	<5	<5	34.1	<1
E5697497 (5044904)	0.262	<1	6.1	<10	12	71.9	<10	<10	<5	0.11	<5	<5	56.1	<1
E5697498 (5044905)	0.302	<1	4.5	<10	14	84.4	<10	<10	<5	0.09	<5	<5	45.8	<1
E5697499 (5044906)	0.257	<1	4.0	<10	13	82.1	<10	<10	<5	0.09	<5	<5	45.3	<1
E5697500 (5044907)	0.377	<1	2.5	10	11	116	<10	<10	<5	0.05	<5	<5	37.8	<1
E5697501 (5044908)	0.373	<1	0.9	<10	11	142	<10	<10	<5	0.02	<5	<5	15.7	<1
E5697502 (5044909)	0.431	<1	<0.5	<10	13	171	<10	<10	<5	0.01	<5	<5	10.2	<1
E5697503 (5044910)	0.379	<1	<0.5	<10	13	163	<10	<10	<5	0.01	9	<5	8.4	<1
E5697504 (5044911)	0.288	<1	0.8	<10	11	119	<10	<10	<5	0.01	<5	<5	11.6	<1
E5697505 (5044912)	0.404	<1	<0.5	<10	22	514	<10	<10	<5	<0.01	<5	8	6.8	<1

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014		SAMPLE TYPE: Soil									
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5697506 (5044913)	0.276	<1	3.0	<10	14	131	<10	<10	<5	0.06	<5	<5	30.5	<1
E5697507 (5044914)	0.271	<1	2.2	<10	13	92.4	<10	<10	<5	0.05	<5	<5	26.1	<1
E5697508 (5044915)	0.269	<1	5.0	<10	13	74.1	<10	<10	<5	0.10	<5	<5	46.7	<1
E5697509 (5044916)	0.252	<1	6.6	<10	15	70.7	<10	<10	<5	0.12	<5	<5	56.9	<1
E5697510 (5044917)	0.375	<1	1.3	<10	13	88.7	<10	<10	<5	0.04	<5	<5	21.8	<1
E5697511 (5044918)	0.229	2	5.0	11	15	74.5	<10	<10	<5	0.10	<5	<5	50.2	<1
E5697512 (5044919)	0.390	<1	2.9	<10	14	70.2	<10	<10	<5	0.06	<5	<5	36.0	<1
E5697513 (5044920)	0.305	<1	3.3	<10	12	62.8	<10	<10	<5	0.07	<5	<5	40.0	<1
E5697514 (5044921)	0.372	<1	<0.5	<10	14	172	<10	<10	<5	0.01	<5	<5	9.9	<1
E5697515 (5044922)	0.318	<1	<0.5	<10	11	135	<10	<10	<5	<0.01	<5	<5	7.8	<1
E5697516 (5044923)	0.411	<1	<0.5	<10	18	335	<10	<10	<5	0.02	<5	<5	14.0	<1
E5697517 (5044924)	0.636	<1	<0.5	<10	26	499	<10	<10	<5	<0.01	<5	44	3.0	<1
E5697518 (5044925)	0.293	<1	3.8	<10	13	83.1	<10	<10	<5	0.08	<5	<5	50.3	<1
E5697519 (5044926)	0.437	<1	3.2	<10	12	63.6	<10	<10	<5	0.06	<5	<5	54.6	<1
E5697520 (5044927)	0.268	1	5.5	<10	12	69.8	<10	<10	5	0.09	8	<5	46.9	<1
E5697521 (5044928)	0.295	<1	5.8	<10	16	76.8	<10	<10	<5	0.12	<5	<5	51.1	<1
E5697522 (5044929)	0.113	<1	4.1	11	8	36.9	<10	<10	<5	0.10	<5	<5	49.5	<1
E5697523 (5044930)	0.338	<1	2.5	<10	13	89.3	<10	<10	<5	0.05	<5	<5	21.4	<1
E5697524 (5044931)	0.272	<1	4.7	18	9	40.9	<10	<10	<5	0.08	<5	<5	58.7	<1
E5697525 (5044932)	0.112	<1	3.6	<10	9	34.3	<10	<10	<5	0.09	<5	<5	46.7	<1
E5697526 (5044933)	0.309	2	0.7	<10	13	137	<10	<10	<5	0.02	<5	<5	11.7	<1
E5697527 (5044934)	0.373	<1	<0.5	<10	12	135	<10	<10	<5	<0.01	<5	<5	7.2	<1
E5697528 (5044935)	0.473	<1	2.8	<10	13	209	<10	<10	<5	0.06	<5	<5	42.0	<1
E5697529 (5044936)	0.535	<1	<0.5	<10	22	517	<10	<10	<5	<0.01	<5	<5	7.2	<1
E5697530 (5044937)	0.094	<1	3.7	14	8	35.5	<10	<10	5	0.09	<5	<5	53.6	<1
E5697531 (5044938)	0.031	<1	3.5	<10	8	20.0	<10	<10	<5	0.09	<5	<5	44.8	<1
E5697532 (5044939)	0.220	<1	6.2	15	17	70.0	<10	<10	6	0.13	<5	<5	54.4	<1
E5697533 (5044940)	0.322	<1	4.8	<10	14	77.5	<10	<10	<5	0.09	<5	<5	42.7	<1
E5697534 (5044941)	0.151	<1	3.7	11	11	34.4	<10	<10	5	0.10	<5	<5	42.8	<1
E5697535 (5044942)	0.423	<1	0.9	13	15	83.0	<10	<10	<5	0.03	<5	<5	16.9	<1
E5697536 (5044943)	0.118	<1	4.2	12	10	36.7	<10	<10	5	0.11	<5	<5	46.0	<1
E5697537 (5044944)	0.346	<1	2.3	<10	10	85.3	<10	<10	<5	0.05	<5	<5	30.1	<1

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## Certificate of Analysis

AGAT WORK ORDER: 13U792855

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5697538 (5044945)		0.355	<1	0.7	<10	15	180	<10	<10	<5	0.02	<5	<5	10.7	<1
E5697539 (5044946)		0.352	<1	<0.5	<10	7	88.4	<10	<10	<5	<0.01	<5	<5	5.8	<1
E5697540 (5044947)		0.110	2	4.6	<10	8	62.0	<10	<10	5	0.10	<5	<5	52.9	<1
E5697541 (5044948)		0.339	<1	0.5	<10	15	318	<10	<10	<5	<0.01	<5	<5	9.4	<1

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Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697410 (5044816)		9	85.8	25
E5697411 (5044817)		4	15.7	<5
E5697412 (5044818)		4	35.8	<5
E5697413 (5044819)		2	8.1	<5
E5697414 (5044820)		3	29.0	<5
E5697415 (5044821)		4	102	<5
E5697416 (5044822)		4	14.4	<5
E5697417 (5044823)		2	24.1	<5
E5697418 (5044824)		4	18.3	<5
E5697419 (5044825)		6	37.7	<5
E5697420 (5044826)		4	69.8	<5
E5697421 (5044827)		5	42.4	<5
E5697422 (5044828)		6	59.0	8
E5697423 (5044829)		8	62.6	25
E5697424 (5044830)		4	46.7	<5
E5697425 (5044831)		4	33.3	<5
E5697426 (5044832)		4	38.6	<5
E5697427 (5044833)		5	57.1	6
E5697428 (5044834)		1	16.4	<5
E5697429 (5044835)		1	21.9	<5
E5697430 (5044836)		8	29.0	10
E5697431 (5044837)		5	32.2	<5
E5697432 (5044838)		7	71.1	<5
E5697433 (5044839)		3	64.0	<5
E5697434 (5044840)		13	50.7	9
E5697435 (5044841)		9	64.3	23
E5697436 (5044842)		7	91.6	<5
E5697437 (5044843)		2	13.0	<5
E5697438 (5044844)		4	23.9	<5
E5697439 (5044845)		2	30.5	<5
E5697440 (5044846)		2	31.1	<5
E5697441 (5044847)		2	26.0	<5

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DATE SAMPLED: Dec 11, 2013      DATE RECEIVED: Dec 11, 2013      DATE REPORTED: Jan 07, 2014      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697442 (5044848)		5	68.5	10
E5697443 (5044849)		4	38.6	<5
E5697444 (5044850)		6	43.1	<5
E5697445 (5044851)		11	53.0	<5
E5697446 (5044852)		9	43.0	<5
E5697447 (5044853)		5	55.0	7
E5697448 (5044854)		3	36.5	<5
E5697449 (5044855)		3	34.3	<5
E5697450 (5044856)		5	39.9	<5
E5697451 (5044857)		2	17.9	<5
E5697452 (5044858)		2	65.2	<5
E5697453 (5044859)		2	36.1	<5
E5697454 (5044860)		3	23.0	<5
E5697455 (5044861)		3	66.2	<5
E5697456 (5044862)		8	48.2	<5
E5697457 (5044863)		11	38.1	6
E5697458 (5044864)		10	40.1	<5
E5697459 (5044865)		11	44.7	10
E5697460 (5044866)		12	79.5	11
E5697461 (5044867)		6	55.2	<5
E5697462 (5044868)		13	64.1	<5
E5697463 (5044869)		10	42.2	<5
E5697464 (5044870)		10	29.7	7
E5697465 (5044871)		6	37.9	7
E5697466 (5044872)		5	30.7	<5
E5697467 (5044873)		4	26.6	<5
E5697468 (5044874)		7	40.7	<5
E5697469 (5044875)		13	48.3	6
E5697470 (5044876)		9	43.7	<5
E5697471 (5044878)		8	37.6	<5
E5697472 (5044879)		12	64.6	<5
E5697473 (5044880)		23	37.0	<5

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Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697474 (5044881)		13	95.3	<5
E5697475 (5044882)		20	66.7	<5
E5697476 (5044883)		12	63.8	6
E5697477 (5044884)		17	75.7	<5
E5697478 (5044885)		12	26.0	5
E5697479 (5044886)		7	48.6	<5
E5697480 (5044887)		2	50.3	<5
E5697481 (5044888)		7	41.2	<5
E5697482 (5044889)		11	50.5	<5
E5697483 (5044890)		10	43.2	<5
E5697484 (5044891)		9	47.1	<5
E5697485 (5044892)		8	31.6	<5
E5697486 (5044893)		19	62.4	<5
E5697487 (5044894)		15	53.1	<5
E5697488 (5044895)		13	21.2	<5
E5697489 (5044896)		3	11.3	<5
E5697490 (5044897)		2	1.6	<5
E5697491 (5044898)		1	8.8	<5
E5697492 (5044899)		5	17.6	<5
E5697493 (5044900)		3	16.1	<5
E5697494 (5044901)		14	72.3	6
E5697495 (5044902)		11	54.2	<5
E5697496 (5044903)		10	140	7
E5697497 (5044904)		12	68.9	5
E5697498 (5044905)		9	78.7	<5
E5697499 (5044906)		11	70.4	<5
E5697500 (5044907)		10	38.4	<5
E5697501 (5044908)		7	39.0	<5
E5697502 (5044909)		2	32.7	<5
E5697503 (5044910)		2	176	<5
E5697504 (5044911)		3	19.3	<5
E5697505 (5044912)		<1	45.3	<5

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AGAT WORK ORDER: 13U792855

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5697506 (5044913)		5	43.5	5
E5697507 (5044914)		5	30.3	<5
E5697508 (5044915)		12	64.5	<5
E5697509 (5044916)		11	65.7	5
E5697510 (5044917)		5	47.3	<5
E5697511 (5044918)		13	56.1	<5
E5697512 (5044919)		6	46.0	<5
E5697513 (5044920)		7	38.7	<5
E5697514 (5044921)		2	31.7	<5
E5697515 (5044922)		1	21.4	<5
E5697516 (5044923)		3	18.9	<5
E5697517 (5044924)		<1	31.3	<5
E5697518 (5044925)		7	48.8	7
E5697519 (5044926)		6	30.6	6
E5697520 (5044927)		13	51.2	6
E5697521 (5044928)		12	62.0	<5
E5697522 (5044929)		9	49.2	<5
E5697523 (5044930)		5	28.8	<5
E5697524 (5044931)		9	99.6	5
E5697525 (5044932)		8	57.5	<5
E5697526 (5044933)		3	23.0	<5
E5697527 (5044934)		1	12.0	<5
E5697528 (5044935)		6	59.7	5
E5697529 (5044936)		<1	26.6	<5
E5697530 (5044937)		10	47.4	<5
E5697531 (5044938)		8	35.3	<5
E5697532 (5044939)		13	58.4	<5
E5697533 (5044940)		11	38.1	<5
E5697534 (5044941)		8	48.7	<5
E5697535 (5044942)		3	40.9	<5
E5697536 (5044943)		8	58.8	<5
E5697537 (5044944)		5	30.8	<5

Certified By:



# Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	RDL:	1	0.5	5
E5697538 (5044945)		4	19.7	<5
E5697539 (5044946)		<1	50.2	<5
E5697540 (5044947)		8	66.1	<5
E5697541 (5044948)		1	43.1	<5

Comments: RDL - Reported Detection Limit

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## Certificate of Analysis

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PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697410 (5044816)		0.58	0.011
E5697411 (5044817)		0.56	0.002
E5697412 (5044818)		0.50	0.004
E5697413 (5044819)		0.54	0.006
E5697414 (5044820)		0.20	0.010
E5697415 (5044821)		0.26	0.016
E5697416 (5044822)		0.44	0.022
E5697417 (5044823)		0.32	0.004
E5697418 (5044824)		0.48	0.003
E5697419 (5044825)		0.48	0.001
E5697420 (5044826)		0.52	0.002
E5697421 (5044827)		0.48	0.017
E5697422 (5044828)		0.54	0.002
E5697423 (5044829)		0.64	0.003
E5697424 (5044830)		0.50	0.002
E5697425 (5044831)		0.40	0.004
E5697426 (5044832)		0.28	0.010
E5697427 (5044833)		0.42	0.003
E5697428 (5044834)		0.34	0.008
E5697429 (5044835)		0.36	0.009
E5697430 (5044836)		0.52	0.003
E5697431 (5044837)		0.42	0.002
E5697432 (5044838)		0.56	0.003
E5697433 (5044839)		0.44	0.003
E5697434 (5044840)		0.58	0.002
E5697435 (5044841)		0.50	0.002
E5697436 (5044842)		0.56	0.002
E5697437 (5044843)		0.52	<0.001
E5697438 (5044844)		0.50	0.003
E5697439 (5044845)		0.40	0.002
E5697440 (5044846)		0.38	0.002

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## Certificate of Analysis

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697441 (5044847)		0.46	0.004
E5697442 (5044848)		0.54	0.003
E5697443 (5044849)		0.54	0.004
E5697444 (5044850)		0.38	0.004
E5697445 (5044851)		0.52	0.002
E5697446 (5044852)		0.74	0.004
E5697447 (5044853)		0.58	0.004
E5697448 (5044854)		0.62	0.002
E5697449 (5044855)		0.52	0.002
E5697450 (5044856)		0.40	0.004
E5697451 (5044857)		0.46	0.009
E5697452 (5044858)		0.44	0.002
E5697453 (5044859)		0.42	0.002
E5697454 (5044860)		0.66	0.006
E5697455 (5044861)		0.48	0.013
E5697456 (5044862)		0.40	0.002
E5697457 (5044863)		0.42	0.024
E5697458 (5044864)		0.74	0.003
E5697459 (5044865)		0.64	0.004
E5697460 (5044866)		0.56	0.003
E5697461 (5044867)		0.64	0.004
E5697462 (5044868)		0.50	0.003
E5697463 (5044869)		0.46	0.004
E5697464 (5044870)		0.56	0.003
E5697465 (5044871)		0.50	0.003
E5697466 (5044872)		0.62	0.059
E5697467 (5044873)		0.60	0.002
E5697468 (5044874)		0.46	0.032
E5697469 (5044875)		0.48	0.006
E5697470 (5044876)		0.82	0.004
E5697471 (5044878)		0.64	0.004

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697472 (5044879)		0.40	0.003
E5697473 (5044880)		0.36	0.006
E5697474 (5044881)		0.40	0.003
E5697475 (5044882)		0.36	0.008
E5697476 (5044883)		0.50	0.005
E5697477 (5044884)		0.54	0.004
E5697478 (5044885)		0.34	0.006
E5697479 (5044886)		0.38	0.024
E5697480 (5044887)		0.32	0.002
E5697481 (5044888)		0.34	0.004
E5697482 (5044889)		0.74	<0.001
E5697483 (5044890)		0.78	0.001
E5697484 (5044891)		0.70	0.002
E5697485 (5044892)		0.36	0.004
E5697486 (5044893)		0.34	0.003
E5697487 (5044894)		0.42	0.005
E5697488 (5044895)		0.32	0.008
E5697489 (5044896)		0.34	0.005
E5697490 (5044897)		0.34	0.003
E5697491 (5044898)		0.38	0.025
E5697492 (5044899)		0.36	0.004
E5697493 (5044900)		0.30	0.004
E5697494 (5044901)		0.58	0.002
E5697495 (5044902)		0.42	0.002
E5697496 (5044903)		0.38	0.006
E5697497 (5044904)		0.36	0.005
E5697498 (5044905)		0.32	0.003
E5697499 (5044906)		0.36	0.005
E5697500 (5044907)		0.36	0.007
E5697501 (5044908)		0.36	0.002
E5697502 (5044909)		0.40	0.009

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5697503 (5044910)		0.34	0.004
E5697504 (5044911)		0.32	0.010
E5697505 (5044912)		0.38	<0.001
E5697506 (5044913)		0.46	0.006
E5697507 (5044914)		0.32	0.006
E5697508 (5044915)		0.36	0.002
E5697509 (5044916)		0.40	0.002
E5697510 (5044917)		0.34	0.004
E5697511 (5044918)		0.34	0.004
E5697512 (5044919)		0.48	0.002
E5697513 (5044920)		0.34	0.003
E5697514 (5044921)		0.32	<0.001
E5697515 (5044922)		0.34	0.017
E5697516 (5044923)		0.38	0.004
E5697517 (5044924)		0.32	0.003
E5697518 (5044925)		0.54	0.003
E5697519 (5044926)		0.32	0.003
E5697520 (5044927)		0.40	0.001
E5697521 (5044928)		0.40	0.013
E5697522 (5044929)		0.40	0.004
E5697523 (5044930)		0.38	0.009
E5697524 (5044931)		0.32	0.002
E5697525 (5044932)		0.46	0.004
E5697526 (5044933)		0.36	0.005
E5697527 (5044934)		0.38	0.007
E5697528 (5044935)		0.46	0.006
E5697529 (5044936)		0.32	0.005
E5697530 (5044937)		0.44	0.003
E5697531 (5044938)		0.68	0.003
E5697532 (5044939)		0.40	0.004
E5697533 (5044940)		0.44	0.017

Certified By:





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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5697534 (5044941)		0.40	0.002
E5697535 (5044942)		0.34	0.008
E5697536 (5044943)		0.46	0.005
E5697537 (5044944)		0.40	0.004
E5697538 (5044945)		0.32	0.004
E5697539 (5044946)		0.34	0.005
E5697540 (5044947)		0.50	0.004
E5697541 (5044948)		0.38	0.009

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	E5697539	< 0.2	< 0.2	0.0%	E5697451	< 0.2	< 0.2	0.0%	E5697460	< 0.2	< 0.2	0.0%	E5697489	< 0.2	< 0.2	0.0%
Al	E5697539	0.128	0.135	5.3%	E5697451	0.712	0.780	9.1%	E5697460	3.13	3.11	0.6%	E5697489	0.36	0.37	2.7%
As	E5697539	6	5	18.2%	E5697451	3	< 1		E5697460	9	1		E5697489	9	7	25.0%
B	E5697539	8	8	0.0%	E5697451	< 5	< 5	0.0%	E5697460	6	6	0.0%	E5697489	7	8	13.3%
Ba	E5697539	38	40	5.1%	E5697451	48	51	6.1%	E5697460	176	176	0.0%	E5697489	70	71	1.4%
Be	E5697539	< 0.5	< 0.5	0.0%	E5697451	< 0.5	< 0.5	0.0%	E5697460	1.2	1.2	0.0%	E5697489	< 0.5	< 0.5	0.0%
Bi	E5697539	1	< 1		E5697451	< 1	< 1	0.0%	E5697460	< 1	< 1	0.0%	E5697489	< 1	< 1	0.0%
Ca	E5697539	1.54	1.58	2.6%	E5697451	0.212	0.240	12.4%	E5697460	0.65	0.65	0.0%	E5697489	2.56	2.53	1.2%
Cd	E5697539	< 0.5	< 0.5	0.0%	E5697451	< 0.5	< 0.5	0.0%	E5697460	< 0.5	< 0.5	0.0%	E5697489	< 0.5	< 0.5	0.0%
Ce	E5697539	2	2	0.0%	E5697451	20	19	5.1%	E5697460	76	76	0.0%	E5697489	10	10	0.0%
Co	E5697539	1.22	1.15	5.9%	E5697451	4.69	4.76	1.5%	E5697460	23.9	24.0	0.4%	E5697489	1.9	1.8	5.4%
Cr	E5697539	2.69	2.64	1.9%	E5697451	39.5	41.0	3.7%	E5697460	79.7	78.3	1.8%	E5697489	7.90	7.81	1.1%
Cu	E5697539	11.6	11.8	1.7%	E5697451	3.3	3.8	14.1%	E5697460	24.2	23.8	1.7%	E5697489	11.1	11.2	0.9%
Fe	E5697539	0.16	0.16	0.0%	E5697451	1.03	1.10	6.6%	E5697460	4.03	4.01	0.5%	E5697489	0.423	0.431	1.9%
Ga	E5697539	< 5	< 5	0.0%	E5697451	< 5	< 5	0.0%	E5697460	9	9	0.0%	E5697489	< 5	< 5	0.0%
Hg	E5697539	< 1	< 1	0.0%	E5697451	< 1	< 1	0.0%	E5697460	1	1	0.0%	E5697489	< 1	< 1	0.0%
In	E5697539	< 1	< 1	0.0%	E5697451	2	< 1		E5697460	< 1	< 1	0.0%	E5697489	< 1	< 1	0.0%
K	E5697539	0.01	0.01	0.0%	E5697451	0.055	0.061	10.3%	E5697460	0.36	0.36	0.0%	E5697489	0.02	0.02	0.0%
La	E5697539	1	1	0.0%	E5697451	9	9	0.0%	E5697460	31	31	0.0%	E5697489	7	6	15.4%
Li	E5697539	< 1	< 1	0.0%	E5697451	8	8	0.0%	E5697460	44	44	0.0%	E5697489	< 1	< 1	0.0%
Mg	E5697539	0.19	0.19	0.0%	E5697451	0.233	0.250	7.0%	E5697460	1.23	1.22	0.8%	E5697489	0.20	0.20	0.0%
Mn	E5697539	181	186	2.7%	E5697451	111	113	1.8%	E5697460	906	873	3.7%	E5697489	174	174	0.0%
Mo	E5697539	5.49	5.04	8.5%	E5697451	1.20	1.38	14.0%	E5697460	0.7	0.9	25.0%	E5697489	6.0	6.2	3.3%
Na	E5697539	< 0.01	< 0.01	0.0%	E5697451	< 0.01	< 0.01	0.0%	E5697460	0.03	0.03	0.0%	E5697489	< 0.01	< 0.01	0.0%
Ni	E5697539	5.76	5.60	2.8%	E5697451	15.6	16.1	3.2%	E5697460	46.8	46.2	1.3%	E5697489	9.7	9.5	2.1%
P	E5697539	449	459	2.2%	E5697451	348	343	1.4%	E5697460	316	332	4.9%	E5697489	405	421	3.9%
Pb	E5697539	17.1	16.1	6.0%	E5697451	8.9	7.1	22.5%	E5697460	21.2	22.4	5.5%	E5697489	7.0	5.4	25.8%
Rb	E5697539	< 10	< 10	0.0%	E5697451	14	14	0.0%	E5697460	90	86	4.5%	E5697489	< 10	< 10	0.0%
S	E5697539	0.352	0.367	4.2%	E5697451	0.0102	0.0121	17.0%	E5697460	0.0195	0.0193	1.0%	E5697489	0.437	0.466	6.4%
Sb	E5697539	< 1	< 1	0.0%	E5697451	< 1	< 1	0.0%	E5697460	3	3	0.0%	E5697489	< 1	< 1	0.0%
Sc	E5697539	< 0.5	< 0.5	0.0%	E5697451	1.6	1.6	0.0%	E5697460	9.9	9.6	3.1%	E5697489	1.14	1.17	2.6%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	E5697539	< 10	< 10	0.0%	E5697451	< 10	< 10	0.0%	E5697460	< 10	< 10	0.0%	E5697489	< 10	< 10	0.0%
Sn	E5697539	7	6	15.4%	E5697451	< 5	< 5	0.0%	E5697460	11	13	16.7%	E5697489	12	11	8.7%
Sr	E5697539	88.4	91.9	3.9%	E5697451	12.1	14.4	17.4%	E5697460	33.0	34.6	4.7%	E5697489	116	115	0.9%
Ta	E5697539	< 10	< 10	0.0%	E5697451	< 10	< 10	0.0%	E5697460	< 10	< 10	0.0%	E5697489	< 10	< 10	0.0%
Te	E5697539	< 10	< 10	0.0%	E5697451	< 10	< 10	0.0%	E5697460	< 10	< 10	0.0%	E5697489	< 10	< 10	0.0%
Th	E5697539	< 5	< 5	0.0%	E5697451	< 5	< 5	0.0%	E5697460	10	9	10.5%	E5697489	< 5	< 5	0.0%
Ti	E5697539	< 0.01	< 0.01	0.0%	E5697451	0.08	0.09	11.8%	E5697460	0.19	0.19	0.0%	E5697489	< 0.01	< 0.01	0.0%
Tl	E5697539	< 5	< 5	0.0%	E5697451	11	11	0.0%	E5697460	< 5	6		E5697489	< 5	< 5	0.0%
U	E5697539	< 5	< 5	0.0%	E5697451	< 5	< 5	0.0%	E5697460	< 5	< 5	0.0%	E5697489	< 5	< 5	0.0%
V	E5697539	5.8	5.9	1.7%	E5697451	27.9	29.0	3.9%	E5697460	80.6	79.1	1.9%	E5697489	10.4	10.6	1.9%
W	E5697539	< 1	< 1	0.0%	E5697451	< 1	< 1	0.0%	E5697460	< 1	< 1	0.0%	E5697489	< 1	< 1	0.0%
Y	E5697539	< 1	< 1	0.0%	E5697451	2	2	0.0%	E5697460	12	12	0.0%	E5697489	3	3	0.0%
Zn	E5697539	50.2	51.7	2.9%	E5697451	17.9	19.7	9.6%	E5697460	79.5	77.2	2.9%	E5697489	11.3	10.6	6.4%
Zr	E5697539	< 5	< 5	0.0%	E5697451	< 5	< 5	0.0%	E5697460	11	11	0.0%	E5697489	< 5	< 5	0.0%

**Fire Assay - Trace Au, ICP-OES finish (202052)**

	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	E5697505	< 0.001	< 0.001	0.0%	E5697423	0.003	0.007		E5697435	0.002	0.005		E5697448	0.002	0.002	0.0%
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5697460	0.003	0.005		E5697473	0.006	0.006	0.0%	E5697484	0.002	0.002	0.0%	E5697497	0.005	0.008	
	REPLICATE #9				REPLICATE #10				REPLICATE #11							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	E5697509	0.002	0.002	0.0%	E5697522	0.004	0.004	0.0%	E5697534	0.002	0.002	0.0%				



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	176	95%	90% - 110%	184	169	91%	90% - 110%	184	173	94%	90% - 110%	184	166	90%	90% - 110%
Cu	3494	3483	100%	90% - 110%	3494	3594	103%	90% - 110%	3494	3671	105%	90% - 110%	3494	3607	103%	90% - 110%
Ni	2985	2783	93%	90% - 110%	2985	2689	90%	90% - 110%	2985	2693	90%	90% - 110%	2985	2694	90%	90% - 110%
CRM #5 (CFRM-100)																
Parameter	Expect	Actual	Recovery	Limits												
Co	184	167	90%	90% - 110%												
Cu	3494	3565	102%	90% - 110%												
Ni	2985	2946	98%	90% - 110%												

### Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	CRM #1 (CM14)				CRM #2 (1P5K)				CRM #3 (GS6D)				CRM #4 (CM14)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.792	0.777	98%	90% - 110%	1.44	1.47	102%	90% - 110%	6.09	5.83	96%	90% - 110%	0.792	0.749	95%	90% - 110%
CRM #5 (1P5K)																
CRM #6 (GS6D)																
CRM #7 (CM14)																
CRM #8 (1P5K)																
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.58	110%	90% - 110%	6.09	6.26	103%	90% - 110%	0.792	0.802	101%	90% - 110%	1.44	1.57	109%	90% - 110%

## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U792855

PROJECT NO: Soil Sampling Project

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: Soil Sampling Project

AGAT WORK ORDER: 13U792868

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jan 07, 2014

PAGES (INCLUDING COVER): 25

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U792868

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5698182 (5044981)	<0.2	2.62	12	6	115	0.9	<1	0.73	<0.5	53	17.8	68.2	17.7	3.00
E5698183 (5044982)	<0.2	1.28	4	<5	33	<0.5	<1	0.52	<0.5	16	13.2	54.4	7.8	2.55
E5698184 (5044983)	<0.2	2.91	8	12	161	1.0	<1	0.99	<0.5	64	16.4	73.1	23.7	3.04
E5698185 (5044984)	<0.2	1.85	5	6	70	0.5	<1	0.27	<0.5	24	9.9	44.4	9.4	2.12
E5698186 (5044985)	<0.2	1.70	5	<5	26	<0.5	<1	0.43	<0.5	11	18.1	88.7	12.7	3.61
E5698187 (5044986)	<0.2	0.88	<1	<5	25	<0.5	<1	0.23	<0.5	8	7.9	63.9	5.0	1.67
E5698188 (5044987)	<0.2	0.38	5	<5	28	<0.5	1	0.09	<0.5	4	1.3	46.5	2.9	0.40
E5698189 (5044988)	<0.2	0.60	8	8	63	<0.5	<1	3.36	<0.5	10	1.1	13.0	25.0	0.41
E5698190 (5044989)	<0.2	0.48	2	<5	31	<0.5	1	0.12	<0.5	5	1.6	94.5	3.8	0.52
E5698191 (5044990)	<0.2	2.87	7	11	153	1.1	<1	0.59	<0.5	66	23.2	76.0	19.9	3.35
E5698192 (5044991)	<0.2	1.67	2	<5	63	<0.5	<1	0.32	<0.5	28	11.1	56.7	9.2	2.02
E5698193 (5044992)	<0.2	1.42	6	6	92	0.6	<1	2.04	0.8	32	4.7	29.0	31.6	0.62
E5698194 (5044993)	<0.2	0.89	5	<5	47	<0.5	<1	0.40	<0.5	16	7.7	23.7	6.9	1.40
E5698195 (5044994)	0.2	2.20	6	<5	70	<0.5	<1	0.66	0.8	16	13.7	25.9	29.2	4.02
E5698196 (5044995)	<0.2	2.36	6	<5	28	<0.5	<1	0.23	<0.5	18	7.0	99.5	22.6	5.78
E5698197 (5044996)	<0.2	0.41	11	7	42	<0.5	1	1.88	0.5	5	1.7	7.1	16.4	0.53
E5698198 (5044997)	<0.2	2.86	3	5	129	0.8	<1	0.53	<0.5	34	20.0	64.1	24.4	3.05
E5698199 (5044998)	<0.2	2.77	6	5	128	0.8	<1	0.53	<0.5	35	20.4	65.1	22.3	2.97
E5698200 (5044999)	<0.2	2.60	7	5	119	0.7	<1	0.49	<0.5	38	19.8	61.9	20.3	2.92
E5698201 (5045000)	<0.2	2.42	4	<5	118	0.8	<1	0.57	<0.5	55	21.8	59.7	21.5	2.90
E5698202 (5045001)	<0.2	0.55	9	<5	39	<0.5	<1	0.23	<0.5	10	4.6	11.0	9.6	1.00
E5698203 (5045002)	<0.2	1.13	7	<5	35	<0.5	<1	0.40	<0.5	12	10.3	45.6	10.7	2.00
E5698204 (5045003)	<0.2	0.37	8	<5	58	<0.5	2	0.34	0.7	6	2.2	7.9	13.0	0.57
E5698205 (5045004)	<0.2	0.72	11	<5	36	<0.5	<1	0.26	<0.5	10	25.2	15.0	16.8	1.18
E5698206 (5045005)	<0.2	0.70	5	<5	17	<0.5	<1	0.16	<0.5	8	10.1	19.2	6.2	1.15
E5698207 (5045006)	<0.2	0.84	2	<5	26	<0.5	<1	0.19	<0.5	9	18.0	21.7	11.1	1.39
E5698208 (5045007)	<0.2	1.07	6	<5	102	<0.5	2	0.15	0.9	14	2.6	11.8	18.4	0.73
E5698209 (5045008)	<0.2	0.85	3	<5	114	<0.5	<1	0.53	<0.5	15	10.0	29.6	6.9	1.92
E5698210 (5045009)	0.4	3.35	12	6	164	1.0	<1	1.40	1.0	104	10.4	87.8	63.6	1.48
E5698211 (5045010)	<0.2	2.20	9	7	113	0.8	<1	0.75	<0.5	55	14.2	62.9	31.7	2.30
E5698212 (5045011)	<0.2	0.78	4	<5	30	<0.5	<1	0.20	<0.5	9	15.1	16.4	7.7	1.22
E5698213 (5045012)	<0.2	0.87	2	<5	23	<0.5	<1	0.15	<0.5	9	7.4	16.6	10.0	1.13

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792868

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5698214 (5045013)	<0.2	0.89	8	<5	75	<0.5	<1	1.45	0.8	21	7.2	29.6	19.7	1.15
E5698215 (5045014)	<0.2	0.72	8	6	62	<0.5	<1	2.57	0.5	24	4.1	17.7	21.7	0.60
E5698216 (5045015)	<0.2	0.13	11	6	38	<0.5	2	3.27	<0.5	2	1.8	1.8	5.5	0.50
E5698217 (5045016)	<0.2	1.92	5	7	94	0.7	<1	0.90	<0.5	44	14.4	69.5	21.9	2.55
E5698218 (5045017)	<0.2	1.21	1	<5	59	<0.5	<1	0.47	<0.5	31	9.6	53.0	13.3	1.71
E5698219 (5045018)	<0.2	2.33	7	<5	119	0.8	<1	0.52	<0.5	57	21.7	60.2	19.6	2.82
E5698220 (5045019)	<0.2	2.41	4	5	124	0.8	<1	0.53	<0.5	53	23.7	59.3	20.9	2.86
E5698221 (5045020)	<0.2	0.61	1	<5	24	<0.5	<1	0.17	<0.5	8	3.7	14.7	3.8	0.93
E5698222 (5045021)	<0.2	0.60	<1	<5	17	<0.5	<1	0.16	<0.5	6	3.9	16.5	5.2	0.98
E5698223 (5045022)	<0.2	0.93	6	6	62	<0.5	<1	1.19	0.7	17	8.4	34.6	20.6	1.29
E5698224 (5045023)	<0.2	0.62	7	6	66	<0.5	1	1.84	0.9	20	6.4	23.8	21.2	0.70
E5698225 (5045024)	<0.2	1.09	6	<5	61	<0.5	<1	0.61	<0.5	21	8.8	40.5	14.7	1.59
E5698226 (5045025)	<0.2	0.99	<1	<5	39	<0.5	<1	0.37	<0.5	22	8.6	49.0	11.1	1.59
E5698227 (5045026)	<0.2	1.04	2	<5	47	<0.5	1	0.35	<0.5	26	9.2	42.5	11.5	1.59
E5698228 (5045027)	<0.2	0.95	5	<5	32	<0.5	<1	0.20	<0.5	12	5.9	38.9	4.6	1.39
E5698229 (5045028)	<0.2	1.08	5	<5	68	<0.5	<1	0.75	<0.5	17	2.9	33.3	10.6	0.63
E5698230 (5045029)	<0.2	0.82	<1	<5	22	<0.5	1	0.14	<0.5	14	4.6	21.4	3.9	1.72
E5698231 (5045030)	<0.2	0.14	9	9	57	<0.5	<1	4.04	<0.5	2	1.2	4.1	7.3	0.22
E5698232 (5045031)	<0.2	0.94	<1	<5	61	<0.5	<1	0.55	0.7	12	23.5	33.1	21.4	4.52
E5698233 (5045032)	<0.2	1.67	<1	7	23	1.0	1	0.56	<0.5	15	28.4	5.0	4.0	9.67
E5698234 (5045033)	<0.2	1.03	2	<5	48	<0.5	<1	0.38	<0.5	11	9.7	31.0	8.1	2.45
E5698235 (5045034)	<0.2	0.72	1	<5	28	<0.5	<1	0.23	<0.5	15	5.0	26.6	10.1	1.29
E5698236 (5045035)	<0.2	1.03	1	<5	34	<0.5	<1	0.23	<0.5	12	6.3	36.3	5.9	1.45
E5698237 (5045036)	<0.2	1.60	<1	6	98	0.6	<1	1.60	<0.5	45	7.4	52.5	22.2	1.45
E5698238 (5045037)	<0.2	1.47	8	<5	105	<0.5	<1	0.63	0.6	46	24.8	85.3	28.7	3.87
E5698239 (5045038)	<0.2	0.22	<1	<5	17	<0.5	1	0.07	<0.5	8	2.2	6.1	3.4	0.55
E5698240 (5045039)	<0.2	0.53	1	<5	39	<0.5	<1	0.22	<0.5	15	5.7	14.0	6.4	1.30
E5698241 (5045040)	<0.2	0.26	8	8	62	<0.5	<1	3.20	0.6	5	3.6	8.6	24.0	0.43
E5698242 (5045041)	<0.2	0.86	<1	<5	23	<0.5	<1	0.16	<0.5	9	8.3	76.8	6.5	1.86
E5698243 (5045042)	<0.2	1.00	2	<5	29	<0.5	<1	0.26	<0.5	12	15.7	76.7	13.1	2.93
E5698244 (5045043)	<0.2	0.79	9	<5	95	<0.5	<1	1.55	0.9	28	5.8	26.9	26.3	1.26
E5698245 (5045044)	<0.2	0.37	4	6	50	<0.5	<1	2.89	0.5	7	2.3	9.4	17.3	0.36

Certified By:

*Ron Cardinal*





## Certificate of Analysis

AGAT WORK ORDER: 13U792868

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5698246 (5045045)	<0.2	0.32	42	6	50	<0.5	<1	2.97	0.5	5	33.8	7.9	35.8	0.41
E5698247 (5045046)	<0.2	0.10	10	7	26	<0.5	<1	2.24	0.6	1	1.8	2.3	12.8	0.20
E5698248 (5045047)	<0.2	0.42	3	6	50	<0.5	1	2.81	<0.5	7	2.8	12.4	16.6	0.27
E5698249 (5045048)	<0.2	0.41	5	7	58	<0.5	<1	3.00	<0.5	7	3.9	12.0	18.4	0.31
E5698250 (5045049)	<0.2	0.15	9	5	36	<0.5	<1	2.44	<0.5	2	<0.5	3.5	9.6	0.21
E5698251 (5045050)	<0.2	0.13	6	6	45	<0.5	<1	2.94	<0.5	1	0.9	2.4	6.9	0.32
E5698252 (5045051)	<0.2	0.16	5	6	36	<0.5	<1	2.77	<0.5	2	1.4	4.5	12.1	0.30
E5698253 (5045052)	<0.2	0.15	6	7	35	<0.5	<1	3.25	<0.5	2	0.7	2.9	7.5	0.30
E5698254 (5045053)	<0.2	0.16	6	6	36	<0.5	<1	2.37	<0.5	2	0.7	3.8	14.5	0.26
E5698255 (5045054)	<0.2	0.09	<1	6	32	<0.5	1	0.73	<0.5	1	0.7	1.5	4.1	0.09
E5698256 (5045055)	<0.2	0.12	7	6	36	<0.5	<1	0.78	0.5	2	1.1	2.7	10.5	0.19
E5698257 (5045056)	<0.2	0.10	2	6	38	<0.5	1	0.73	<0.5	1	1.0	1.9	5.7	0.10
E5698258 (5045057)	<0.2	0.10	<1	6	36	<0.5	<1	0.78	<0.5	1	0.7	1.7	4.2	0.08
E5698259 (5045058)	<0.2	0.09	5	6	25	<0.5	1	0.54	1.0	1	1.0	2.2	11.4	0.16
E5698260 (5045059)	<0.2	0.11	<1	6	38	<0.5	<1	0.81	<0.5	1	0.8	8.3	5.9	0.15
E5698261 (5045060)	<0.2	0.09	4	6	26	<0.5	<1	0.58	1.1	1	1.8	1.7	11.9	0.14
E5698262 (5045061)	<0.2	0.10	1	6	36	<0.5	<1	0.73	<0.5	1	1.0	1.6	6.8	0.12
E5698263 (5045062)	<0.2	0.10	3	6	35	<0.5	1	0.69	0.8	2	1.5	1.9	10.4	0.15
E5698264 (5045063)	<0.2	0.57	10	5	61	<0.5	<1	2.70	<0.5	13	1.9	12.2	27.3	0.38
E5698265 (5045064)	<0.2	0.68	8	183	63	<0.5	<1	2.72	0.5	18	2.0	16.3	35.1	0.35
E5698266 (5045065)	<0.2	0.72	2	11	64	<0.5	<1	2.73	<0.5	20	2.1	19.7	38.1	0.34
E5698267 (5045066)	<0.2	0.67	6	6	60	<0.5	<1	2.63	<0.5	18	1.6	17.1	36.6	0.30
E5698268 (5045067)	<0.2	0.70	12	6	65	<0.5	<1	2.74	<0.5	19	2.0	18.0	43.2	0.34
E5698269 (5045068)	<0.2	0.44	9	6	59	<0.5	1	2.41	<0.5	10	2.3	8.4	20.9	0.43
E5698270 (5045069)	<0.2	0.43	10	5	64	<0.5	<1	2.65	0.5	8	2.4	11.3	17.7	0.55
E5698271 (5045070)	<0.2	0.42	6	6	53	<0.5	<1	2.23	<0.5	9	1.6	10.8	21.1	0.33
E5698272 (5045071)	<0.2	0.44	6	6	56	<0.5	<1	2.23	<0.5	10	2.2	14.7	21.7	0.42
E5698273 (5045072)	<0.2	0.45	6	6	61	<0.5	1	2.57	<0.5	10	2.2	11.0	20.6	0.50
E5698274 (5045073)	<0.2	0.21	6	6	32	<0.5	2	2.08	<0.5	2	<0.5	5.6	10.2	0.10
E5698275 (5045074)	<0.2	0.15	3	6	26	<0.5	<1	1.80	<0.5	1	<0.5	4.1	9.9	0.10
E5698276 (5045075)	<0.2	0.15	<1	6	25	<0.5	<1	1.80	<0.5	1	<0.5	4.1	9.4	0.08
E5698277 (5045076)	<0.2	0.18	6	6	28	<0.5	<1	1.89	<0.5	2	<0.5	4.8	10.7	0.09

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792868

PROJECT NO: Soil Sampling Project

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5698278 (5045077)	<0.2	0.20	2	<5	31	<0.5	2	1.99	<0.5	2	0.5	5.7	9.5	0.08	
E5698279 (5045078)	<0.2	0.14	8	5	42	<0.5	<1	2.00	<0.5	2	0.8	5.1	11.5	0.23	
E5698280 (5045079)	<0.2	0.18	<1	<5	42	<0.5	<1	2.14	<0.5	2	0.6	5.8	11.0	0.18	
E5698281 (5045080)	<0.2	0.19	1	<5	31	<0.5	<1	1.82	<0.5	2	0.5	5.4	8.1	0.11	
E5698282 (5045081)	<0.2	0.23	4	<5	33	<0.5	<1	2.04	<0.5	3	0.8	5.9	8.5	0.11	
E5698283 (5045082)	<0.2	0.25	5	<5	43	<0.5	<1	2.40	<0.5	3	0.6	9.5	10.5	0.17	

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5698182 (5044981)	7	2	<1	0.26	24	35	0.93	671	<0.5	0.05	37.4	360	22.2	54	
E5698183 (5044982)	<5	1	2	0.07	7	12	0.72	436	0.5	0.05	24.1	399	8.8	10	
E5698184 (5044983)	9	4	<1	0.39	31	46	1.05	485	<0.5	0.04	40.2	484	19.8	70	
E5698185 (5044984)	5	4	<1	0.23	10	23	0.61	285	<0.5	0.03	22.8	249	12.6	41	
E5698186 (5044985)	6	5	2	0.05	5	16	1.26	495	<0.5	0.04	42.1	295	7.0	<10	
E5698187 (5044986)	<5	3	<1	0.07	4	8	0.35	245	<0.5	0.06	16.4	117	7.5	<10	
E5698188 (5044987)	<5	2	<1	0.08	2	1	0.05	37	<0.5	0.08	3.0	44	4.6	<10	
E5698189 (5044988)	<5	5	<1	0.03	15	<1	0.22	145	2.0	<0.01	16.1	944	10.8	<10	
E5698190 (5044989)	<5	2	<1	0.09	3	1	0.05	54	<0.5	0.08	5.0	98	8.1	<10	
E5698191 (5044990)	8	<1	<1	0.38	27	36	1.05	881	<0.5	0.04	42.8	418	21.9	72	
E5698192 (5044991)	7	<1	<1	0.19	11	20	0.61	349	<0.5	0.04	25.8	282	12.8	32	
E5698193 (5044992)	<5	5	<1	0.08	17	7	0.25	252	1.7	0.02	12.6	1340	11.2	18	
E5698194 (5044993)	<5	3	<1	0.11	6	10	0.31	738	<0.5	0.06	12.5	227	9.4	13	
E5698195 (5044994)	8	2	1	0.05	6	6	0.98	390	<0.5	0.03	17.1	1590	29.2	10	
E5698196 (5044995)	15	4	3	0.07	9	9	0.37	185	<0.5	0.02	20.4	403	17.7	<10	
E5698197 (5044996)	<5	2	<1	0.02	4	<1	0.15	144	1.5	<0.01	6.8	764	13.5	<10	
E5698198 (5044997)	8	1	<1	0.21	14	36	0.83	884	<0.5	0.03	41.5	507	20.9	44	
E5698199 (5044998)	7	4	<1	0.20	14	36	0.83	843	<0.5	0.03	41.0	544	21.2	42	
E5698200 (5044999)	7	1	<1	0.21	14	34	0.82	778	<0.5	0.04	37.7	442	18.8	42	
E5698201 (5045000)	5	<1	2	0.21	19	30	0.84	1180	<0.5	0.05	36.2	398	19.6	41	
E5698202 (5045001)	<5	4	<1	0.05	5	3	0.16	111	<0.5	0.03	7.2	223	11.1	<10	
E5698203 (5045002)	<5	2	1	0.08	6	10	0.61	280	<0.5	0.06	27.3	241	9.9	<10	
E5698204 (5045003)	<5	3	<1	0.04	3	<1	0.07	49	<0.5	0.03	6.6	282	17.1	<10	
E5698205 (5045004)	<5	2	<1	0.06	5	6	0.17	737	<0.5	0.03	10.7	346	17.4	10	
E5698206 (5045005)	<5	1	<1	0.05	3	7	0.26	322	<0.5	0.03	11.2	126	3.5	<10	
E5698207 (5045006)	<5	3	<1	0.06	4	9	0.29	479	<0.5	0.03	14.3	164	11.4	<10	
E5698208 (5045007)	6	<1	<1	0.07	7	1	0.05	106	<0.5	0.02	9.1	2430	30.6	<10	
E5698209 (5045008)	<5	2	<1	0.17	7	7	0.46	386	2.6	0.05	16.2	333	9.2	25	
E5698210 (5045009)	5	5	<1	0.16	47	24	0.47	476	1.2	0.01	44.0	2240	19.4	29	
E5698211 (5045010)	5	1	<1	0.28	27	30	0.88	375	<0.5	0.04	40.6	614	18.9	42	
E5698212 (5045011)	<5	<1	<1	0.07	4	8	0.21	433	<0.5	0.04	8.8	123	8.1	10	
E5698213 (5045012)	<5	<1	3	0.05	4	10	0.21	283	0.6	0.02	8.7	112	7.9	<10	

Certified By:

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## Certificate of Analysis

AGAT WORK ORDER: 13U792868

PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5698214 (5045013)	<5	3	<1	0.07	9	7	0.30	665	2.4	0.02	22.3	1320	30.8	12	
E5698215 (5045014)	<5	<1	<1	0.06	14	6	0.29	251	2.2	<0.01	11.4	681	9.6	14	
E5698216 (5045015)	<5	<1	<1	0.01	1	<1	0.23	263	4.2	<0.01	3.1	417	14.9	<10	
E5698217 (5045016)	<5	<1	2	0.27	21	25	1.01	495	1.0	0.06	43.9	464	13.8	46	
E5698218 (5045017)	<5	3	<1	0.14	14	14	0.66	403	<0.5	0.05	35.9	395	6.4	21	
E5698219 (5045018)	6	7	1	0.19	19	30	0.86	1140	<0.5	0.04	41.6	414	17.0	39	
E5698220 (5045019)	7	3	<1	0.21	19	31	0.82	1310	<0.5	0.04	38.5	438	20.3	43	
E5698221 (5045020)	<5	3	<1	0.07	4	5	0.16	102	<0.5	0.05	8.5	143	6.8	<10	
E5698222 (5045021)	<5	2	<1	0.04	3	4	0.21	113	<0.5	0.03	9.1	135	10.2	<10	
E5698223 (5045022)	<5	<1	<1	0.06	9	9	0.42	505	6.5	0.02	24.4	834	24.5	<10	
E5698224 (5045023)	<5	<1	3	0.04	9	4	0.26	760	4.3	<0.01	18.0	1220	27.7	<10	
E5698225 (5045024)	<5	<1	<1	0.07	9	12	0.48	525	1.3	0.02	30.0	550	17.5	13	
E5698226 (5045025)	<5	<1	<1	0.06	10	10	0.56	309	1.1	0.02	29.0	339	9.1	11	
E5698227 (5045026)	<5	<1	1	0.06	11	12	0.51	452	1.0	0.02	29.8	313	8.6	12	
E5698228 (5045027)	<5	<1	2	0.05	6	7	0.29	214	0.6	0.02	19.1	254	9.4	<10	
E5698229 (5045028)	<5	<1	<1	0.09	9	7	0.21	89	2.0	0.01	15.1	698	16.1	15	
E5698230 (5045029)	10	<1	2	0.06	6	5	0.18	105	1.0	0.01	8.8	242	8.3	<10	
E5698231 (5045030)	<5	<1	<1	0.02	2	<1	0.35	399	4.7	<0.01	6.3	516	25.9	<10	
E5698232 (5045031)	9	<1	1	0.07	4	2	0.32	1620	1.4	0.01	17.6	1380	35.6	16	
E5698233 (5045032)	22	1	3	0.03	4	3	0.84	740	<0.5	0.02	6.4	764	6.1	10	
E5698234 (5045033)	6	<1	<1	0.08	5	8	0.42	350	0.6	0.02	18.1	297	12.1	21	
E5698235 (5045034)	<5	<1	2	0.04	7	4	0.27	159	<0.5	0.03	14.9	148	7.2	<10	
E5698236 (5045035)	<5	<1	<1	0.06	6	7	0.30	227	<0.5	0.02	21.7	289	8.4	<10	
E5698237 (5045036)	<5	<1	<1	0.13	24	16	0.54	318	2.9	0.02	29.3	608	12.5	27	
E5698238 (5045037)	<5	<1	<1	0.07	15	12	0.68	1940	3.4	0.02	62.9	650	22.3	14	
E5698239 (5045038)	<5	<1	<1	0.02	4	<1	0.04	83	<0.5	0.02	3.8	147	6.2	<10	
E5698240 (5045039)	5	<1	1	0.03	7	2	0.17	299	<0.5	0.01	7.9	221	7.4	<10	
E5698241 (5045040)	<5	<1	<1	0.02	4	<1	0.23	1180	3.8	<0.01	14.2	620	24.5	<10	
E5698242 (5045041)	<5	2	<1	0.04	4	9	0.39	251	<0.5	0.02	27.9	269	10.9	<10	
E5698243 (5045042)	7	<1	3	0.05	6	8	0.91	547	<0.5	0.02	39.4	339	15.7	<10	
E5698244 (5045043)	<5	<1	<1	0.03	14	2	0.18	1180	2.3	<0.01	15.8	1120	25.5	<10	
E5698245 (5045044)	<5	<1	<1	0.01	5	<1	0.19	287	2.8	<0.01	10.1	620	15.4	<10	

Certified By:

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## Certificate of Analysis

AGAT WORK ORDER: 13U792868  
PROJECT NO: Soil Sampling Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013							DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5698246 (5045045)	<5	1	<1	0.02	20	<1	0.19	648	47.9	<0.01	10.4	696	53.6	<10	
E5698247 (5045046)	<5	<1	<1	0.04	2	<1	0.18	127	7.8	<0.01	6.7	467	26.8	<10	
E5698248 (5045047)	<5	<1	<1	<0.01	6	<1	0.16	457	3.1	<0.01	11.1	675	12.9	<10	
E5698249 (5045048)	<5	<1	<1	<0.01	6	<1	0.19	747	3.9	<0.01	10.6	792	14.5	<10	
E5698250 (5045049)	<5	<1	<1	<0.01	2	<1	0.15	145	3.1	<0.01	5.0	306	10.4	<10	
E5698251 (5045050)	<5	<1	<1	0.02	1	<1	0.20	156	3.2	<0.01	6.9	448	10.1	<10	
E5698252 (5045051)	<5	<1	<1	0.02	2	<1	0.16	472	3.6	<0.01	6.5	519	18.9	<10	
E5698253 (5045052)	<5	<1	<1	0.01	2	<1	0.17	154	4.1	<0.01	6.4	523	17.9	<10	
E5698254 (5045053)	<5	<1	<1	0.02	2	<1	0.14	253	3.6	<0.01	6.2	537	27.0	<10	
E5698255 (5045054)	<5	1	<1	<0.01	1	<1	0.09	21	2.4	<0.01	3.2	339	7.8	<10	
E5698256 (5045055)	<5	<1	<1	0.03	1	<1	0.12	29	1.6	<0.01	6.3	588	36.3	<10	
E5698257 (5045056)	<5	<1	<1	0.02	1	<1	0.10	18	2.3	<0.01	4.1	479	11.4	<10	
E5698258 (5045057)	<5	<1	<1	<0.01	1	<1	0.09	16	2.2	<0.01	3.1	329	6.1	<10	
E5698259 (5045058)	<5	<1	<1	0.06	1	<1	0.10	36	2.2	<0.01	7.0	518	30.4	<10	
E5698260 (5045059)	<5	<1	2	0.01	1	<1	0.09	22	2.7	<0.01	3.6	368	8.1	<10	
E5698261 (5045060)	<5	<1	1	0.05	1	<1	0.11	16	1.6	<0.01	5.2	523	35.6	<10	
E5698262 (5045061)	<5	<1	<1	0.01	1	<1	0.09	19	2.1	<0.01	4.8	449	11.8	<10	
E5698263 (5045062)	<5	<1	<1	0.03	1	<1	0.10	31	2.4	<0.01	6.2	566	25.7	<10	
E5698264 (5045063)	<5	<1	<1	0.01	12	<1	0.17	332	4.0	<0.01	14.8	774	18.2	<10	
E5698265 (5045064)	<5	2	<1	0.01	16	<1	0.17	299	2.5	0.03	17.6	684	10.6	<10	
E5698266 (5045065)	<5	<1	<1	0.01	18	<1	0.18	277	2.6	<0.01	19.7	666	12.3	<10	
E5698267 (5045066)	<5	<1	<1	0.01	17	<1	0.16	275	3.3	<0.01	17.9	645	10.9	<10	
E5698268 (5045067)	<5	<1	<1	0.01	17	<1	0.18	302	4.1	<0.01	18.6	684	14.2	<10	
E5698269 (5045068)	<5	<1	<1	0.02	9	<1	0.17	743	3.4	<0.01	12.6	710	18.6	<10	
E5698270 (5045069)	<5	<1	<1	0.03	8	<1	0.19	750	2.9	<0.01	13.9	900	20.3	<10	
E5698271 (5045070)	<5	<1	<1	0.02	8	<1	0.16	403	2.7	<0.01	11.3	616	11.7	<10	
E5698272 (5045071)	<5	<1	<1	0.02	8	<1	0.18	502	3.3	<0.01	11.8	646	14.1	<10	
E5698273 (5045072)	<5	<1	<1	0.02	9	<1	0.19	734	3.7	<0.01	13.1	775	20.6	<10	
E5698274 (5045073)	<5	<1	<1	<0.01	2	<1	0.17	63	2.3	<0.01	6.5	551	9.1	<10	
E5698275 (5045074)	<5	<1	<1	<0.01	1	<1	0.15	43	2.8	<0.01	5.7	439	5.9	<10	
E5698276 (5045075)	<5	<1	<1	<0.01	1	<1	0.15	32	2.2	<0.01	5.2	365	5.3	<10	
E5698277 (5045076)	<5	<1	<1	<0.01	2	<1	0.15	37	2.2	<0.01	5.9	537	5.3	<10	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792868

PROJECT NO: Soil Sampling Project

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013						DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5698278 (5045077)		<5	<1	<1	<0.01	2	<1	0.16	34	2.3	<0.01	7.8	508	6.3	<10
E5698279 (5045078)		<5	2	<1	0.02	2	<1	0.17	323	2.6	<0.01	7.6	623	39.1	<10
E5698280 (5045079)		<5	<1	1	0.01	2	<1	0.17	178	2.7	<0.01	8.3	657	21.8	<10
E5698281 (5045080)		<5	<1	<1	<0.01	2	<1	0.15	90	2.4	<0.01	5.9	448	11.1	<10
E5698282 (5045081)		<5	<1	<1	<0.01	2	<1	0.16	77	3.4	<0.01	5.6	519	9.3	<10
E5698283 (5045082)		<5	<1	<1	0.01	3	<1	0.19	120	3.3	<0.01	8.5	806	10.4	<10

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil							
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5698182 (5044981)	0.022	<1	8.0	<10	13	37.8	<10	<10	9	0.16	<5	<5	66.5	<1
E5698183 (5044982)	0.010	<1	6.0	<10	13	16.2	<10	<10	<5	0.21	<5	<5	71.4	<1
E5698184 (5044983)	0.068	<1	9.5	<10	13	45.3	<10	<10	9	0.16	<5	<5	68.1	<1
E5698185 (5044984)	0.009	<1	4.3	<10	10	17.5	<10	<10	<5	0.13	<5	<5	51.9	2
E5698186 (5044985)	0.012	1	6.9	13	15	13.1	<10	<10	<5	0.28	<5	<5	118	<1
E5698187 (5044986)	0.010	<1	2.2	<10	8	15.6	<10	<10	<5	0.11	<5	<5	46.7	<1
E5698188 (5044987)	0.006	<1	0.6	<10	<5	11.0	<10	<10	<5	0.03	<5	<5	11.9	<1
E5698189 (5044988)	0.457	1	3.7	<10	16	59.3	<10	<10	<5	<0.01	<5	<5	8.8	<1
E5698190 (5044989)	0.014	<1	0.8	<10	<5	14.8	<10	<10	<5	0.04	<5	<5	9.2	<1
E5698191 (5044990)	0.013	1	10.5	<10	12	30.2	<10	<10	10	0.18	<5	<5	79.7	<1
E5698192 (5044991)	0.009	2	4.5	<10	11	16.0	<10	<10	5	0.13	<5	<5	51.6	<1
E5698193 (5044992)	0.356	<1	5.1	<10	12	70.1	<10	<10	<5	0.04	<5	<5	20.6	<1
E5698194 (5044993)	0.023	<1	2.2	<10	7	19.4	<10	<10	<5	0.08	<5	<5	32.9	<1
E5698195 (5044994)	0.154	2	15.0	<10	27	12.1	<10	<10	<5	0.46	<5	<5	156	<1
E5698196 (5044995)	0.059	4	6.9	<10	11	13.0	<10	<10	<5	0.15	<5	<5	140	<1
E5698197 (5044996)	0.426	1	2.2	<10	10	49.8	<10	<10	<5	0.02	<5	<5	11.9	<1
E5698198 (5044997)	0.034	3	5.7	<10	11	23.1	<10	<10	<5	0.13	<5	<5	62.1	<1
E5698199 (5044998)	0.035	<1	5.8	<10	8	22.1	<10	<10	<5	0.13	<5	<5	64.3	<1
E5698200 (5044999)	0.025	<1	5.7	<10	10	24.0	<10	<10	<5	0.15	<5	<5	65.5	<1
E5698201 (5045000)	0.016	<1	7.1	<10	11	26.5	<10	<10	7	0.17	<5	<5	69.6	<1
E5698202 (5045001)	0.021	<1	2.2	<10	10	11.5	<10	<10	<5	0.14	<5	<5	43.4	<1
E5698203 (5045002)	0.026	<1	3.4	<10	9	17.9	<10	<10	<5	0.12	<5	<5	50.7	<1
E5698204 (5045003)	0.058	<1	1.0	<10	<5	29.1	<10	<10	<5	0.02	<5	<5	7.8	<1
E5698205 (5045004)	0.039	1	1.3	<10	<5	15.4	<10	<10	<5	0.05	<5	<5	27.7	<1
E5698206 (5045005)	0.011	<1	1.3	<10	<5	10.1	<10	<10	<5	0.07	<5	<5	28.1	<1
E5698207 (5045006)	0.013	1	1.7	<10	6	11.7	<10	<10	<5	0.08	<5	<5	33.4	<1
E5698208 (5045007)	0.151	2	2.4	<10	5	7.8	<10	<10	<5	0.06	<5	<5	30.5	<1
E5698209 (5045008)	0.019	1	2.8	<10	15	18.5	<10	<10	<5	0.21	<5	<5	66.4	<1
E5698210 (5045009)	0.257	<1	8.5	<10	10	40.7	<10	<10	<5	0.06	<5	6	40.3	<1
E5698211 (5045010)	0.049	<1	8.1	<10	11	32.8	<10	<10	6	0.15	5	<5	62.7	<1
E5698212 (5045011)	0.011	<1	1.5	<10	7	15.1	<10	<10	<5	0.08	<5	<5	34.0	<1
E5698213 (5045012)	0.012	<1	1.3	<10	<5	10.1	<10	<10	<5	0.08	<5	<5	29.9	<1

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DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5698214 (5045013)	0.311	<1	3.2	<10	10	36.1	<10	<10	<5	0.04	<5	<5	22.7	<1	
E5698215 (5045014)	0.284	5	2.9	<10	12	81.5	<10	<10	<5	0.03	<5	<5	17.6	<1	
E5698216 (5045015)	0.326	3	<0.5	<10	14	75.0	<10	<10	<5	<0.01	<5	<5	7.0	<1	
E5698217 (5045016)	0.014	5	8.7	<10	11	30.2	<10	<10	7	0.16	<5	<5	61.3	<1	
E5698218 (5045017)	0.009	<1	5.0	<10	9	21.1	<10	<10	5	0.11	<5	<5	42.7	<1	
E5698219 (5045018)	0.015	2	6.1	<10	12	25.0	<10	<10	6	0.16	<5	<5	64.8	<1	
E5698220 (5045019)	0.020	2	6.4	<10	11	26.1	<10	<10	6	0.15	<5	<5	64.9	<1	
E5698221 (5045020)	0.007	<1	1.3	<10	<5	13.5	<10	<10	<5	0.07	<5	<5	25.0	<1	
E5698222 (5045021)	0.009	<1	1.2	<10	<5	11.8	<10	<10	<5	0.08	<5	<5	27.4	<1	
E5698223 (5045022)	0.247	<1	2.8	11	7	31.9	<10	<10	<5	0.05	<5	<5	29.4	<1	
E5698224 (5045023)	0.363	3	3.5	13	11	41.4	<10	<10	<5	0.02	<5	<5	20.6	<1	
E5698225 (5045024)	0.070	<1	3.1	<10	6	19.6	<10	<10	<5	0.06	<5	<5	32.9	<1	
E5698226 (5045025)	0.009	<1	3.5	<10	6	13.5	<10	<10	<5	0.09	<5	<5	37.9	1	
E5698227 (5045026)	0.013	<1	3.3	<10	<5	13.2	<10	<10	<5	0.08	5	<5	36.4	<1	
E5698228 (5045027)	0.015	2	2.2	12	6	12.2	<10	<10	<5	0.09	<5	<5	38.0	2	
E5698229 (5045028)	0.177	<1	2.4	<10	5	23.8	<10	<10	<5	0.04	<5	<5	17.4	<1	
E5698230 (5045029)	0.017	<1	2.2	<10	9	9.1	<10	<10	<5	0.18	<5	<5	72.2	<1	
E5698231 (5045030)	0.361	<1	0.8	<10	20	66.1	<10	<10	<5	<0.01	<5	<5	8.8	<1	
E5698232 (5045031)	0.074	<1	4.7	<10	25	17.6	<10	<10	<5	0.49	<5	<5	204	<1	
E5698233 (5045032)	0.028	<1	11.2	<10	52	10.1	<10	<10	<5	0.98	<5	<5	498	<1	
E5698234 (5045033)	0.021	<1	2.8	<10	12	13.8	<10	<10	<5	0.19	<5	<5	82.7	<1	
E5698235 (5045034)	0.019	<1	2.2	12	5	17.3	<10	<10	<5	0.08	<5	<5	31.2	<1	
E5698236 (5045035)	0.017	3	2.0	<10	<5	13.5	<10	<10	<5	0.09	<5	<5	35.6	<1	
E5698237 (5045036)	0.137	<1	5.6	<10	9	47.4	<10	<10	<5	0.08	<5	<5	35.1	<1	
E5698238 (5045037)	0.059	4	3.9	<10	6	23.0	<10	<10	<5	0.07	<5	<5	61.7	<1	
E5698239 (5045038)	0.011	<1	0.5	<10	<5	5.7	<10	<10	<5	0.05	<5	<5	12.6	1	
E5698240 (5045039)	0.013	<1	1.6	<10	9	8.6	<10	<10	<5	0.17	<5	<5	63.3	<1	
E5698241 (5045040)	0.348	<1	0.9	<10	16	49.7	<10	<10	<5	<0.01	<5	<5	10.2	<1	
E5698242 (5045041)	0.015	<1	1.7	<10	6	8.3	<10	<10	<5	0.08	6	<5	41.4	<1	
E5698243 (5045042)	0.023	2	4.1	15	<5	14.3	<10	<10	<5	0.11	<5	<5	80.9	<1	
E5698244 (5045043)	0.320	<1	2.6	<10	6	45.7	<10	<10	<5	0.02	<5	<5	27.0	<1	
E5698245 (5045044)	0.376	2	1.1	<10	12	49.9	<10	<10	<5	<0.01	<5	<5	8.0	<1	

Certified By:

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## Certificate of Analysis

AGAT WORK ORDER: 13U792868

PROJECT NO: Soil Sampling Project

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil							
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5698246 (5045045)	0.346	1	0.7	<10	14	49.7	<10	<10	<5	<0.01	<5	<5	7.0	<1
E5698247 (5045046)	0.186	<1	<0.5	<10	10	37.8	<10	<10	<5	<0.01	<5	<5	4.9	<1
E5698248 (5045047)	0.337	2	1.1	<10	11	47.9	<10	<10	<5	<0.01	<5	<5	7.1	<1
E5698249 (5045048)	0.426	<1	1.1	<10	14	52.4	<10	<10	<5	<0.01	<5	<5	7.6	<1
E5698250 (5045049)	0.232	2	0.6	<10	11	39.7	<10	<10	<5	<0.01	<5	<5	4.1	<1
E5698251 (5045050)	0.228	<1	0.5	<10	12	46.0	<10	<10	<5	<0.01	<5	<5	4.5	<1
E5698252 (5045051)	0.246	<1	0.6	<10	13	45.6	<10	<10	<5	<0.01	<5	<5	4.7	<1
E5698253 (5045052)	0.272	<1	0.5	<10	14	54.0	<10	<10	<5	<0.01	<5	<5	4.4	<1
E5698254 (5045053)	0.268	<1	<0.5	<10	10	41.9	<10	<10	<5	<0.01	<5	<5	5.0	<1
E5698255 (5045054)	0.230	<1	<0.5	12	<5	21.4	<10	<10	<5	<0.01	6	<5	2.7	<1
E5698256 (5045055)	0.229	2	<0.5	<10	<5	23.7	<10	<10	<5	<0.01	<5	<5	3.9	<1
E5698257 (5045056)	0.258	<1	<0.5	<10	<5	22.6	<10	<10	<5	<0.01	<5	<5	3.2	<1
E5698258 (5045057)	0.188	<1	<0.5	<10	<5	25.0	<10	<10	<5	<0.01	<5	<5	3.3	<1
E5698259 (5045058)	0.136	<1	<0.5	<10	<5	17.9	<10	<10	<5	<0.01	9	<5	3.3	<1
E5698260 (5045059)	0.183	<1	<0.5	<10	<5	25.9	<10	<10	<5	<0.01	8	<5	4.0	<1
E5698261 (5045060)	0.167	<1	<0.5	<10	<5	18.3	<10	<10	<5	<0.01	<5	<5	3.0	<1
E5698262 (5045061)	0.193	<1	<0.5	<10	<5	22.6	<10	<10	<5	<0.01	6	<5	2.9	<1
E5698263 (5045062)	0.222	<1	<0.5	<10	<5	22.9	<10	<10	<5	<0.01	<5	<5	3.5	<1
E5698264 (5045063)	0.393	<1	1.7	<10	12	62.8	<10	<10	<5	<0.01	<5	<5	10.0	<1
E5698265 (5045064)	0.360	<1	2.7	11	11	65.5	<10	<10	<5	0.01	<5	<5	12.2	<1
E5698266 (5045065)	0.330	<1	2.9	<10	13	67.1	<10	<10	<5	0.01	<5	<5	14.1	<1
E5698267 (5045066)	0.341	<1	2.8	<10	10	62.7	<10	<10	<5	<0.01	<5	<5	12.9	<1
E5698268 (5045067)	0.376	2	2.9	<10	12	71.1	<10	<10	<5	0.01	<5	<5	13.5	<1
E5698269 (5045068)	0.340	<1	1.1	12	12	53.6	<10	<10	<5	<0.01	<5	<5	10.6	<1
E5698270 (5045069)	0.369	<1	1.3	<10	12	57.6	<10	<10	<5	<0.01	<5	<5	8.0	<1
E5698271 (5045070)	0.323	<1	1.2	<10	9	49.8	<10	<10	<5	<0.01	<5	<5	8.6	<1
E5698272 (5045071)	0.330	1	1.3	<10	11	50.6	<10	<10	<5	<0.01	<5	<5	9.9	<1
E5698273 (5045072)	0.341	2	1.1	<10	12	55.0	<10	<10	<5	<0.01	<5	<5	8.9	<1
E5698274 (5045073)	0.266	<1	0.7	<10	8	39.6	<10	<10	<5	<0.01	<5	<5	4.4	<1
E5698275 (5045074)	0.226	<1	<0.5	<10	6	33.7	<10	<10	<5	<0.01	<5	<5	3.4	<1
E5698276 (5045075)	0.203	<1	0.5	<10	6	35.6	<10	<10	<5	<0.01	<5	<5	3.5	<1
E5698277 (5045076)	0.246	<1	0.7	<10	<5	36.3	<10	<10	<5	<0.01	12	<5	4.0	<1

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DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5698278 (5045077)	0.213	1	0.7	<10	11	42.7	<10	<10	<5	<0.01	<5	<5	4.1	<1	
E5698279 (5045078)	0.273	<1	<0.5	<10	10	44.5	<10	<10	<5	<0.01	<5	<5	5.0	<1	
E5698280 (5045079)	0.275	<1	0.6	<10	8	45.3	<10	<10	<5	<0.01	<5	<5	4.8	<1	
E5698281 (5045080)	0.186	<1	0.6	<10	6	40.8	<10	<10	<5	<0.01	<5	<5	3.9	<1	
E5698282 (5045081)	0.227	<1	1.1	<10	10	44.4	<10	<10	<5	<0.01	<5	<5	4.2	<1	
E5698283 (5045082)	0.295	2	1.6	<10	10	49.0	<10	<10	<5	<0.01	<5	<5	4.8	<1	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792868

PROJECT NO: Soil Sampling Project

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5698182 (5044981)		10	61.9	8
E5698183 (5044982)		7	33.8	6
E5698184 (5044983)		14	72.5	13
E5698185 (5044984)		4	42.0	7
E5698186 (5044985)		5	38.1	6
E5698187 (5044986)		2	18.7	<5
E5698188 (5044987)		<1	5.1	<5
E5698189 (5044988)		10	21.0	<5
E5698190 (5044989)		1	4.2	<5
E5698191 (5044990)		12	56.2	19
E5698192 (5044991)		4	35.4	5
E5698193 (5044992)		9	28.2	6
E5698194 (5044993)		3	32.0	<5
E5698195 (5044994)		15	95.8	7
E5698196 (5044995)		6	23.6	<5
E5698197 (5044996)		3	28.7	<5
E5698198 (5044997)		7	53.8	<5
E5698199 (5044998)		7	54.1	<5
E5698200 (5044999)		7	48.6	<5
E5698201 (5045000)		11	48.0	<5
E5698202 (5045001)		2	26.7	<5
E5698203 (5045002)		4	28.7	<5
E5698204 (5045003)		1	33.2	<5
E5698205 (5045004)		2	22.8	<5
E5698206 (5045005)		2	14.9	<5
E5698207 (5045006)		2	16.6	<5
E5698208 (5045007)		4	44.2	<5
E5698209 (5045008)		5	29.1	<5
E5698210 (5045009)		24	60.1	<5
E5698211 (5045010)		13	57.4	9
E5698212 (5045011)		2	18.6	<5
E5698213 (5045012)		2	26.1	<5

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DATE SAMPLED: Dec 11, 2013      DATE RECEIVED: Dec 11, 2013      DATE REPORTED: Jan 07, 2014      SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5698214 (5045013)		5	50.1	<5
E5698215 (5045014)		7	31.5	<5
E5698216 (5045015)		<1	10.8	<5
E5698217 (5045016)		10	42.7	19
E5698218 (5045017)		7	27.6	8
E5698219 (5045018)		9	48.2	<5
E5698220 (5045019)		9	55.2	<5
E5698221 (5045020)		2	12.5	<5
E5698222 (5045021)		2	65.1	<5
E5698223 (5045022)		4	55.4	<5
E5698224 (5045023)		6	33.0	<5
E5698225 (5045024)		4	46.4	<5
E5698226 (5045025)		5	25.6	<5
E5698227 (5045026)		5	26.6	<5
E5698228 (5045027)		2	17.9	<5
E5698229 (5045028)		3	22.6	<5
E5698230 (5045029)		2	17.7	<5
E5698231 (5045030)		<1	20.7	<5
E5698232 (5045031)		3	64.7	<5
E5698233 (5045032)		9	65.6	13
E5698234 (5045033)		3	43.2	<5
E5698235 (5045034)		3	12.8	<5
E5698236 (5045035)		3	20.0	<5
E5698237 (5045036)		10	41.9	<5
E5698238 (5045037)		7	52.4	<5
E5698239 (5045038)		1	9.6	<5
E5698240 (5045039)		2	24.1	<5
E5698241 (5045040)		3	32.7	<5
E5698242 (5045041)		2	26.0	<5
E5698243 (5045042)		5	46.5	<5
E5698244 (5045043)		8	39.1	<5
E5698245 (5045044)		4	15.2	<5

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5698246 (5045045)		3	37.7	<5
E5698247 (5045046)		1	37.5	<5
E5698248 (5045047)		5	10.8	<5
E5698249 (5045048)		4	15.8	<5
E5698250 (5045049)		1	13.7	<5
E5698251 (5045050)		1	20.2	<5
E5698252 (5045051)		1	21.5	<5
E5698253 (5045052)		1	18.6	<5
E5698254 (5045053)		1	33.9	<5
E5698255 (5045054)		<1	13.5	<5
E5698256 (5045055)		<1	25.2	<5
E5698257 (5045056)		<1	17.8	<5
E5698258 (5045057)		<1	12.7	<5
E5698259 (5045058)		<1	28.2	<5
E5698260 (5045059)		<1	15.8	<5
E5698261 (5045060)		<1	22.6	<5
E5698262 (5045061)		<1	14.4	<5
E5698263 (5045062)		<1	22.2	<5
E5698264 (5045063)		9	16.4	<5
E5698265 (5045064)		11	11.7	<5
E5698266 (5045065)		11	9.8	<5
E5698267 (5045066)		11	10.6	<5
E5698268 (5045067)		11	17.4	<5
E5698269 (5045068)		6	15.6	<5
E5698270 (5045069)		6	21.9	<5
E5698271 (5045070)		6	13.9	<5
E5698272 (5045071)		6	16.6	<5
E5698273 (5045072)		7	17.3	<5
E5698274 (5045073)		2	8.2	<5
E5698275 (5045074)		1	9.2	<5
E5698276 (5045075)		1	7.3	<5
E5698277 (5045076)		1	7.6	<5

Certified By:

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	RDL:	1	0.5	5
E5698278 (5045077)		2	9.0	<5
E5698279 (5045078)		1	27.4	<5
E5698280 (5045079)		1	19.8	<5
E5698281 (5045080)		1	9.3	<5
E5698282 (5045081)		2	8.1	<5
E5698283 (5045082)		2	14.2	<5

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5698182 (5044981)		0.82	0.006
E5698183 (5044982)		0.44	0.002
E5698184 (5044983)		0.46	0.002
E5698185 (5044984)		0.64	0.001
E5698186 (5044985)		0.30	<0.001
E5698187 (5044986)		0.48	0.001
E5698188 (5044987)		0.24	<0.001
E5698189 (5044988)		0.30	0.010
E5698190 (5044989)		0.38	<0.001
E5698191 (5044990)		0.70	0.002
E5698192 (5044991)		0.66	0.004
E5698193 (5044992)		0.46	0.015
E5698194 (5044993)		0.30	0.001
E5698195 (5044994)		0.26	0.004
E5698196 (5044995)		0.46	0.006
E5698197 (5044996)		0.28	0.002
E5698198 (5044997)		0.42	0.001
E5698199 (5044998)		0.46	0.001
E5698200 (5044999)		0.48	0.001
E5698201 (5045000)		0.56	0.001
E5698202 (5045001)		0.30	<0.001
E5698203 (5045002)		0.48	<0.001
E5698204 (5045003)		0.28	0.009
E5698205 (5045004)		0.34	0.002
E5698206 (5045005)		0.48	<0.001
E5698207 (5045006)		0.56	0.001
E5698208 (5045007)		0.38	0.003
E5698209 (5045008)		0.30	<0.001
E5698210 (5045009)		0.32	0.003
E5698211 (5045010)		0.56	0.002
E5698212 (5045011)		0.40	<0.001

Certified By:

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5698213 (5045012)		0.50	<0.001
E5698214 (5045013)		0.32	0.004
E5698215 (5045014)		0.34	0.012
E5698216 (5045015)		0.30	0.004
E5698217 (5045016)		0.68	<0.001
E5698218 (5045017)		0.48	0.001
E5698219 (5045018)		0.54	<0.001
E5698220 (5045019)		0.54	<0.001
E5698221 (5045020)		0.32	<0.001
E5698222 (5045021)		0.42	<0.001
E5698223 (5045022)		0.34	0.002
E5698224 (5045023)		0.40	0.006
E5698225 (5045024)		0.50	0.001
E5698226 (5045025)		0.74	0.001
E5698227 (5045026)		0.58	0.001
E5698228 (5045027)		0.38	0.002
E5698229 (5045028)		0.28	0.007
E5698230 (5045029)		0.32	0.002
E5698231 (5045030)		0.22	<0.001
E5698232 (5045031)		0.12	0.097
E5698233 (5045032)		0.34	0.003
E5698234 (5045033)		0.14	<0.001
E5698235 (5045034)		0.52	0.002
E5698236 (5045035)		0.32	0.001
E5698237 (5045036)		0.50	0.001
E5698238 (5045037)		0.22	0.002
E5698239 (5045038)		0.36	0.002
E5698240 (5045039)		0.34	0.002
E5698241 (5045040)		0.36	0.006
E5698242 (5045041)		0.38	0.007
E5698243 (5045042)		0.46	0.002

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5698244 (5045043)		0.26	0.005
E5698245 (5045044)		0.42	0.002
E5698246 (5045045)		0.36	0.001
E5698247 (5045046)		0.22	0.013
E5698248 (5045047)		0.36	0.003
E5698249 (5045048)		0.32	0.056
E5698250 (5045049)		0.36	0.005
E5698251 (5045050)		0.30	0.008
E5698252 (5045051)		0.36	0.008
E5698253 (5045052)		0.28	0.008
E5698254 (5045053)		0.28	0.009
E5698255 (5045054)		0.34	0.006
E5698256 (5045055)		0.34	0.008
E5698257 (5045056)		0.34	0.007
E5698258 (5045057)		0.36	0.003
E5698259 (5045058)		0.38	0.005
E5698260 (5045059)		0.34	0.003
E5698261 (5045060)		0.42	0.004
E5698262 (5045061)		0.28	0.004
E5698263 (5045062)		0.34	0.005
E5698264 (5045063)		0.28	0.005
E5698265 (5045064)		0.32	0.003
E5698266 (5045065)		0.30	0.005
E5698267 (5045066)		0.36	0.002
E5698268 (5045067)		0.40	0.007
E5698269 (5045068)		0.36	0.004
E5698270 (5045069)		0.36	0.005
E5698271 (5045070)		0.30	0.009
E5698272 (5045071)		0.34	0.004
E5698273 (5045072)		0.26	0.002
E5698274 (5045073)		0.40	<0.001

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5698275 (5045074)		0.38	0.003
E5698276 (5045075)		0.34	0.003
E5698277 (5045076)		0.38	0.002
E5698278 (5045077)		0.36	0.003
E5698279 (5045078)		0.32	0.005
E5698280 (5045079)		0.36	0.005
E5698281 (5045080)		0.34	0.004
E5698282 (5045081)		0.36	0.001
E5698283 (5045082)		0.32	0.006

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	E5698182	< 0.2	< 0.2	0.0%	E5698202	< 0.2	< 0.2	0.0%	E5698219	< 0.2	< 0.2	0.0%				
Al	E5698182	2.62	2.42	7.9%	E5698202	0.55	0.57	3.6%	E5698219	2.33	2.26	3.1%				
As	E5698182	12	10	18.2%	E5698202	9	12	28.6%	E5698219	7	12					
B	E5698182	6	7	15.4%	E5698202	< 5	< 5	0.0%	E5698219	< 5	< 5	0.0%				
Ba	E5698182	115	105	9.1%	E5698202	39	41	5.0%	E5698219	119	116	2.6%				
Be	E5698182	0.9	0.9	0.0%	E5698202	< 0.5	< 0.5	0.0%	E5698219	0.8	0.8	0.0%				
Bi	E5698182	< 1	< 1	0.0%	E5698202	< 1	< 1	0.0%	E5698219	< 1	< 1	0.0%				
Ca	E5698182	0.726	0.671	7.9%	E5698202	0.232	0.241	3.8%	E5698219	0.520	0.513	1.4%				
Cd	E5698182	< 0.5	< 0.5	0.0%	E5698202	< 0.5	< 0.5	0.0%	E5698219	< 0.5	< 0.5	0.0%				
Ce	E5698182	53	49	7.8%	E5698202	10	11	9.5%	E5698219	57	53	7.3%				
Co	E5698182	17.8	16.1	10.0%	E5698202	4.62	4.95	6.9%	E5698219	21.7	20.5	5.7%				
Cr	E5698182	68.2	61.5	10.3%	E5698202	11.0	11.4	3.6%	E5698219	60.2	58.5	2.9%				
Cu	E5698182	17.7	17.5	1.1%	E5698202	9.6	12.5	26.2%	E5698219	19.6	18.9	3.6%				
Fe	E5698182	3.00	2.74	9.1%	E5698202	1.00	1.04	3.9%	E5698219	2.82	2.73	3.2%				
Ga	E5698182	7	8	13.3%	E5698202	< 5	< 5	0.0%	E5698219	6	6	0.0%				
Hg	E5698182	2	2	0.0%	E5698202	< 1	< 1	0.0%	E5698219	7	3					
In	E5698182	< 1	< 1	0.0%	E5698202	< 1	< 1	0.0%	E5698219	1	< 1					
K	E5698182	0.255	0.246	3.6%	E5698202	0.054	0.058	7.1%	E5698219	0.19	0.19	0.0%				
La	E5698182	24	21	13.3%	E5698202	5	5	0.0%	E5698219	19	18	5.4%				
Li	E5698182	35	33	5.9%	E5698202	3	3	0.0%	E5698219	30	29	3.4%				
Mg	E5698182	0.93	0.86	7.8%	E5698202	0.163	0.171	4.8%	E5698219	0.86	0.84	2.4%				
Mn	E5698182	671	609	9.7%	E5698202	111	117	5.3%	E5698219	1140	1070	6.3%				
Mo	E5698182	< 0.5	< 0.5	0.0%	E5698202	< 0.5	< 0.5	0.0%	E5698219	< 0.5	< 0.5	0.0%				
Na	E5698182	0.045	0.040	11.8%	E5698202	0.031	0.037	17.6%	E5698219	0.04	0.04	0.0%				
Ni	E5698182	37.4	32.4	14.3%	E5698202	7.2	7.4	2.7%	E5698219	41.6	40.3	3.2%				
P	E5698182	360	314	13.6%	E5698202	223	232	4.0%	E5698219	414	386	7.0%				
Pb	E5698182	22.2	20.5	8.0%	E5698202	11.1	15.0	29.9%	E5698219	17.0	16.2	4.8%				
Rb	E5698182	54	49	9.7%	E5698202	< 10	< 10	0.0%	E5698219	39	38	2.6%				
S	E5698182	0.022	0.026	16.7%	E5698202	0.0211	0.0279	27.8%	E5698219	0.0153	0.0155	1.3%				
Sb	E5698182	< 1	< 1	0.0%	E5698202	< 1	< 1	0.0%	E5698219	2	< 1					
Sc	E5698182	8.0	6.6	19.2%	E5698202	2.2	2.2	0.0%	E5698219	6.1	6.2	1.6%				



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	E5698182	< 10	< 10	0.0%	E5698202	< 10	< 10	0.0%	E5698219	< 10	< 10	0.0%				
Sn	E5698182	13	13	0.0%	E5698202	10	8	22.2%	E5698219	12	10	18.2%				
Sr	E5698182	37.8	37.1	1.9%	E5698202	11.5	12.5	8.3%	E5698219	25.0	23.6	5.8%				
Ta	E5698182	< 10	< 10	0.0%	E5698202	< 10	< 10	0.0%	E5698219	< 10	< 10	0.0%				
Te	E5698182	< 10	< 10	0.0%	E5698202	< 10	< 10	0.0%	E5698219	< 10	< 10	0.0%				
Th	E5698182	9	7	25.0%	E5698202	< 5	< 5	0.0%	E5698219	6	6	0.0%				
Ti	E5698182	0.16	0.16	0.0%	E5698202	0.145	0.152	4.7%	E5698219	0.155	0.152	2.0%				
Tl	E5698182	< 5	< 5	0.0%	E5698202	< 5	< 5	0.0%	E5698219	< 5	11					
U	E5698182	< 5	< 5	0.0%	E5698202	< 5	< 5	0.0%	E5698219	< 5	< 5	0.0%				
V	E5698182	66.5	60.9	8.8%	E5698202	43.4	45.3	4.3%	E5698219	64.8	62.1	4.3%				
W	E5698182	< 1	< 1	0.0%	E5698202	< 1	< 1	0.0%	E5698219	< 1	< 1	0.0%				
Y	E5698182	10	9	10.5%	E5698202	2	2	0.0%	E5698219	9	9	0.0%				
Zn	E5698182	61.9	77.9	22.9%	E5698202	33.9	19.5		E5698219	48.2	47.8	0.8%				
Zr	E5698182	8	6	28.6%	E5698202	< 5	< 5	0.0%	E5698219	< 5	< 5	0.0%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5698257	0.007	0.008	13.3%	E5698195	0.004	0.003	28.6%	E5698207	0.001	< 0.001		E5698221	< 0.001	< 0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E5698233	0.003	0.001		E5698246	0.001	0.004									



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	177	96%	90% - 110%	184	173	94%	90% - 110%	184	176	96%	90% - 110%	184	176	95%	90% - 110%
Cu	3494	3311	95%	90% - 110%	3494	3396	97%	90% - 110%	3494	3360	96%	90% - 110%	3494	3483	100%	90% - 110%
Ni	2985	2780	93%	90% - 110%	2985	2738	92%	90% - 110%	2985	2883	97%	90% - 110%	2985	2783	93%	90% - 110%
CRM #5 (CFRM-100)																
Parameter	Expect	Actual	Recovery	Limits												
Co	184	174	94%	90% - 110%												
Cu	3494	3461	99%	90% - 110%												
Ni	2985	2725	91%	90% - 110%												

### Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	CRM #1 (CM14)				CRM #2 (1P5K)				CRM #3 (GS6D)				CRM #4 (CM14)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.792	0.745	94%	90% - 110%	1.44	1.52	106%	90% - 110%	6.09	5.88	96%	90% - 110%	0.792	0.773	98%	90% - 110%



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U792868

PROJECT NO: Soil Sampling Project

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



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

ATTENTION TO: Craig Todd

PROJECT NO: SOIL SAMPLING PROJECT

AGAT WORK ORDER: 13U792876

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jan 07, 2014

PAGES (INCLUDING COVER): 30

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.



## Certificate of Analysis

AGAT WORK ORDER: 13U792876

PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %
E5698032 (5045098)		<0.2	1.41	10	5	25	<0.5	<1	0.59	<0.5	9	13.3	111	10.4	2.93
E5698033 (5045099)		<0.2	0.73	<1	5	22	<0.5	<1	0.16	<0.5	14	4.6	39.5	4.7	0.76
E5698034 (5045100)		<0.2	0.85	<1	5	18	<0.5	<1	0.23	<0.5	18	5.2	40.0	6.2	0.81
E5698035 (5045101)		<0.2	0.87	<1	5	50	<0.5	<1	0.24	<0.5	12	6.7	43.8	16.8	1.52
E5698036 (5045102)		<0.2	1.31	<1	5	43	<0.5	<1	0.48	<0.5	12	12.0	61.6	11.8	2.55
E5698037 (5045103)		<0.2	0.62	<1	5	23	<0.5	<1	0.27	<0.5	23	5.4	46.5	5.2	0.87
E5698038 (5045104)		0.4	0.52	3	5	56	<0.5	<1	0.23	1.7	6	8.0	34.3	23.3	0.64
E5698039 (5045105)		0.3	0.69	7	5	62	<0.5	<1	0.22	1.1	9	5.9	35.7	23.6	0.59
E5698040 (5045106)		<0.2	0.62	<1	5	17	<0.5	<1	0.09	<0.5	11	4.3	53.2	4.8	0.74
E5698041 (5045107)		0.4	0.65	6	5	108	<0.5	<1	0.24	1.0	10	4.1	84.1	35.2	0.85
E5698042 (5045108)		<0.2	0.48	<1	5	14	<0.5	<1	0.12	<0.5	11	2.8	33.1	3.5	0.50
E5698043 (5045109)		0.4	0.18	<1	5	77	<0.5	<1	0.14	1.7	2	1.3	23.2	25.0	0.29
E5698044 (5045110)		<0.2	0.11	3	5	28	<0.5	<1	0.69	<0.5	1	0.7	6.3	6.5	0.11
E5698045 (5045111)		<0.2	0.15	2	5	33	<0.5	<1	0.97	<0.5	1	<0.5	5.0	5.4	0.08
E5698046 (5045112)		<0.2	0.09	6	5	29	<0.5	<1	0.59	<0.5	1	0.7	7.5	7.3	0.12
E5698047 (5045113)		<0.2	1.22	2	5	35	<0.5	<1	0.19	<0.5	18	8.1	73.8	8.0	1.29
E5698048 (5045114)		<0.2	1.08	<1	5	32	<0.5	<1	0.19	<0.5	15	7.2	64.5	7.4	1.11
E5698049 (5045115)		<0.2	1.21	2	5	20	<0.5	<1	0.20	<0.5	22	9.0	57.6	9.7	1.53
E5698050 (5045117)		<0.2	1.14	<1	5	61	<0.5	<1	0.21	0.6	12	14.9	133	36.4	3.71
E5698051 (5045118)		<0.2	2.33	3	5	69	<0.5	<1	0.26	<0.5	16	13.7	129	18.5	2.51
E5698052 (5045119)		<0.2	0.81	<1	5	30	<0.5	<1	0.28	<0.5	14	5.9	55.5	7.3	1.04
E5698053 (5045120)		0.3	0.72	5	5	52	<0.5	<1	0.18	1.0	9	6.1	65.1	23.4	0.75
E5698054 (5045121)		<0.2	0.87	6	5	61	<0.5	1	0.19	0.9	12	5.7	126	23.5	0.77
E5698055 (5045122)		<0.2	1.21	2	5	38	<0.5	<1	0.27	<0.5	10	12.2	237	13.1	2.82
E5698056 (5045123)		0.2	0.85	5	5	72	<0.5	<1	0.24	0.9	10	5.5	110	34.9	1.33
E5698057 (5045124)		<0.2	3.28	7	5	194	0.9	<1	1.63	0.6	69	14.3	125	38.0	2.78
E5698058 (5045125)		0.3	0.62	6	5	79	<0.5	<1	0.16	0.8	8	3.8	62.0	24.0	0.85
E5698059 (5045126)		<0.2	0.08	6	5	23	<0.5	<1	0.54	0.7	<1	0.9	11.8	7.3	0.15
E5698060 (5045127)		<0.2	0.12	2	5	28	<0.5	<1	0.59	0.6	1	0.7	7.7	7.8	0.14
E5698061 (5045128)		<0.2	0.09	4	5	25	<0.5	<1	0.56	0.6	1	0.7	7.3	8.7	0.12
E5698062 (5045129)		<0.2	0.84	<1	5	25	<0.5	<1	0.22	<0.5	19	5.8	48.7	7.3	0.94
E5698063 (5045130)		<0.2	0.71	<1	5	21	<0.5	<1	0.13	<0.5	15	4.5	39.2	4.2	0.71

Certified By:

*Ron Cardinal*





## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5698064 (5045131)	<0.2	1.12	5	5	57	<0.5	<1	0.16	<0.5	20	12.8	172	18.0	2.89
E5698065 (5045132)	<0.2	0.66	<1	5	52	<0.5	<1	0.24	0.6	9	4.9	120	14.1	1.31
E5698066 (5045133)	<0.2	0.64	<1	5	18	<0.5	<1	0.26	<0.5	22	6.6	54.0	6.7	0.87
E5698067 (5045134)	<0.2	1.44	<1	5	48	<0.5	<1	0.31	<0.5	19	10.6	112	15.8	2.08
E5698068 (5045135)	<0.2	1.88	2	5	67	<0.5	<1	0.42	0.7	8	16.4	239	18.9	3.66
E5698069 (5045136)	0.3	0.67	<1	5	52	<0.5	<1	0.19	1.3	8	12.6	92.7	21.9	1.95
E5698070 (5045137)	<0.2	2.52	4	5	50	<0.5	<1	0.12	0.8	15	10.5	145	26.6	4.85
E5698071 (5045138)	<0.2	2.11	3	5	36	<0.5	<1	0.13	<0.5	13	10.3	122	15.0	4.13
E5698072 (5045139)	<0.2	0.64	1	5	16	<0.5	<1	0.20	<0.5	18	4.4	43.9	7.2	0.86
E5698073 (5045140)	<0.2	0.65	<1	5	40	<0.5	<1	0.44	0.9	5	6.6	142	21.5	1.91
E5698074 (5045141)	<0.2	0.09	<1	5	22	<0.5	<1	0.43	0.8	1	1.1	16.4	10.8	0.21
E5698075 (5045142)	<0.2	0.10	2	5	22	<0.5	<1	0.51	<0.5	1	0.9	9.7	8.3	0.12
E5698076 (5045143)	<0.2	0.10	<1	5	25	<0.5	<1	0.54	<0.5	1	1.2	5.6	7.1	0.11
E5698077 (5045144)	0.3	0.78	2	5	49	<0.5	2	0.24	<0.5	9	4.4	25.8	22.1	0.53
E5698078 (5045145)	<0.2	0.52	2	5	38	<0.5	<1	0.25	<0.5	6	4.0	17.0	15.4	0.57
E5698079 (5045146)	<0.2	1.05	169	5	205	18.5	143	0.26	<0.5	17	4.2	52.8	11.1	1.13
E5698080 (5045147)	<0.2	0.80	4	5	30	0.6	<1	0.14	<0.5	16	3.5	47.8	9.1	0.91
E5698081 (5045148)	<0.2	0.85	<1	5	21	<0.5	<1	0.19	<0.5	17	4.9	37.9	8.3	0.87
E5698082 (5045149)	<0.2	0.62	<1	5	19	<0.5	<1	0.26	<0.5	17	4.8	35.8	6.5	0.94
E5698083 (5045150)	<0.2	1.01	3	5	51	<0.5	<1	0.16	<0.5	11	4.0	70.6	27.1	0.58
E5698084 (5045151)	0.3	0.81	6	5	54	<0.5	<1	0.18	0.5	10	5.6	62.0	26.5	0.71
E5698085 (5045152)	0.3	1.70	7	5	44	<0.5	<1	0.08	<0.5	12	11.1	144	22.1	4.03
E5698086 (5045153)	<0.2	1.71	<1	5	40	<0.5	<1	0.26	<0.5	10	16.9	145	19.7	3.51
E5698087 (5045154)	<0.2	0.48	<1	5	12	<0.5	<1	0.13	<0.5	18	3.2	31.4	5.1	0.59
E5698088 (5045155)	0.2	0.47	<1	5	50	<0.5	<1	0.29	<0.5	4	4.5	129	25.1	1.06
E5698089 (5045156)	<0.2	0.10	<1	5	22	<0.5	<1	0.52	<0.5	1	0.8	11.5	7.4	0.16
E5698090 (5045157)	<0.2	0.08	3	5	21	<0.5	<1	0.45	<0.5	<1	0.9	9.5	11.9	0.14
E5698091 (5045158)	<0.2	0.14	<1	5	25	<0.5	<1	0.81	<0.5	<1	0.6	5.0	4.6	0.09
E5698092 (5045159)	<0.2	0.42	<1	5	15	<0.5	<1	0.12	<0.5	12	2.3	24.3	5.3	0.42
E5698093 (5045160)	<0.2	0.31	<1	5	11	<0.5	<1	0.09	<0.5	13	1.6	18.4	3.4	0.29
E5698094 (5045161)	<0.2	0.64	<1	5	16	<0.5	<1	0.14	<0.5	14	2.8	31.6	6.0	0.63
E5698095 (5045162)	<0.2	0.64	<1	5	17	<0.5	<1	0.14	<0.5	13	3.2	36.8	5.9	0.70

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5698096 (5045163)	<0.2	0.59	22	<5	19	<0.5	<1	0.29	<0.5	21	26.4	35.3	27.7	0.86
E5698097 (5045164)	0.4	2.86	6	<5	168	1.1	<1	1.08	0.7	140	16.5	132	105	0.60
E5698098 (5045165)	0.4	0.84	3	<5	63	<0.5	<1	0.20	0.5	12	5.4	49.4	30.4	0.72
E5698099 (5045166)	0.3	0.67	6	<5	64	<0.5	<1	0.19	0.6	9	4.5	63.9	35.0	0.83
E5698100 (5045167)	<0.2	0.84	<1	<5	42	<0.5	<1	0.24	<0.5	10	7.9	96.6	14.3	2.38
E5698101 (5045168)	0.3	0.53	1	<5	75	<0.5	<1	0.16	0.5	21	4.7	87.1	22.7	1.36
E5698102 (5045169)	<0.2	0.46	2	<5	15	<0.5	2	0.06	<0.5	10	2.0	24.8	4.1	0.59
E5698103 (5045170)	<0.2	0.53	4	<5	34	<0.5	<1	0.16	<0.5	5	5.7	168	21.0	1.64
E5698104 (5045171)	<0.2	0.22	5	<5	31	<0.5	<1	1.45	<0.5	2	0.8	16.2	14.1	0.18
E5698105 (5045172)	<0.2	0.09	<1	<5	26	<0.5	<1	0.47	<0.5	1	1.0	14.6	8.0	0.12
E5698106 (5045173)	<0.2	0.07	<1	<5	20	<0.5	<1	0.41	<0.5	1	0.9	14.1	12.1	0.15
E5698107 (5045174)	<0.2	0.90	3	<5	22	<0.5	<1	0.29	<0.5	10	8.8	95.0	7.3	2.18
E5698108 (5045175)	<0.2	0.97	1	<5	26	<0.5	<1	0.34	<0.5	11	8.3	98.1	8.4	2.35
E5698109 (5045176)	<0.2	1.05	2	<5	30	<0.5	<1	0.25	<0.5	17	11.5	109	11.7	2.00
E5698110 (5045177)	<0.2	1.31	2	<5	37	<0.5	<1	0.30	<0.5	20	11.5	113	13.0	2.60
E5698111 (5045178)	<0.2	1.15	<1	<5	30	<0.5	<1	0.35	<0.5	14	11.1	173	9.0	2.61
E5698112 (5045179)	<0.2	1.28	1	<5	81	<0.5	<1	0.55	<0.5	15	17.0	126	23.4	2.46
E5698113 (5045180)	0.2	0.65	<1	<5	43	<0.5	<1	0.21	0.6	8	6.0	112	23.9	1.36
E5698114 (5045181)	0.3	0.53	4	<5	41	<0.5	<1	0.19	0.6	6	4.9	49.4	22.7	0.85
E5698115 (5045182)	<0.2	1.78	5	<5	35	<0.5	<1	0.44	<0.5	10	15.2	156	17.6	4.55
E5698116 (5045183)	<0.2	0.73	<1	<5	55	<0.5	<1	0.19	<0.5	7	7.5	95.3	12.9	1.97
E5698117 (5045184)	<0.2	0.53	3	<5	35	<0.5	<1	0.13	<0.5	9	4.0	117	8.3	1.05
E5698118 (5045185)	<0.2	0.47	3	<5	37	<0.5	<1	0.15	<0.5	6	3.6	169	15.7	1.02
E5698119 (5045186)	<0.2	0.13	5	<5	35	<0.5	<1	0.83	<0.5	2	1.0	11.1	11.7	0.16
E5698120 (5045187)	<0.2	0.09	5	<5	27	<0.5	2	0.60	0.6	1	0.7	9.2	6.9	0.14
E5698121 (5045188)	<0.2	0.10	<1	<5	26	<0.5	1	0.63	<0.5	2	0.5	7.3	6.7	0.13
E5698122 (5045189)	<0.2	0.62	10	<5	34	<0.5	<1	0.27	<0.5	10	7.4	94.1	10.8	1.24
E5698123 (5045190)	0.2	0.31	5	<5	55	<0.5	<1	0.35	2.1	5	7.9	41.9	20.7	0.58
E5698124 (5045191)	<0.2	1.11	2	<5	30	<0.5	<1	0.32	<0.5	11	12.6	154	9.4	2.47
E5698125 (5045192)	<0.2	1.20	5	<5	43	<0.5	<1	0.34	<0.5	11	16.1	123	11.3	3.09
E5698126 (5045193)	<0.2	1.41	10	<5	43	<0.5	<1	0.27	<0.5	11	19.9	230	10.3	3.38
E5698127 (5045194)	<0.2	0.91	70	<5	42	<0.5	1	0.22	<0.5	11	12.6	248	13.5	2.50

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5698128 (5045195)	0.2	0.57	13	<5	48	<0.5	<1	0.18	1.0	6	4.3	68.3	26.7	0.79
E5698129 (5045196)	0.3	0.52	6	<5	46	<0.5	2	0.16	1.0	5	3.9	39.3	26.9	0.60
E5698130 (5045197)	<0.2	0.60	3	<5	61	<0.5	<1	0.21	<0.5	9	8.0	122	9.9	1.53
E5698131 (5045198)	<0.2	0.94	6	<5	44	<0.5	<1	0.28	0.5	10	9.7	103	13.4	2.06
E5698132 (5045199)	<0.2	0.58	4	<5	34	<0.5	<1	0.19	<0.5	9	6.1	101	5.2	1.28
E5698133 (5045200)	<0.2	0.28	4	<5	49	<0.5	1	0.11	0.9	4	5.5	128	23.9	0.82
E5698134 (5045201)	<0.2	0.10	4	<5	31	<0.5	1	0.62	<0.5	1	0.7	11.9	8.7	0.16
E5698135 (5045202)	<0.2	0.14	5	<5	28	<0.5	<1	0.88	<0.5	2	0.6	9.4	7.3	0.12
E5698136 (5045203)	<0.2	0.12	9	<5	29	<0.5	<1	0.84	<0.5	1	<0.5	7.7	6.3	0.11
E5698137 (5045204)	<0.2	0.80	6	<5	31	<0.5	<1	0.19	<0.5	13	5.0	170	8.5	0.96
E5698138 (5045205)	<0.2	0.70	3	<5	45	<0.5	<1	0.33	<0.5	11	6.0	129	12.1	1.53
E5698139 (5045206)	<0.2	1.05	5	<5	27	<0.5	<1	0.26	<0.5	13	8.2	114	7.8	1.79
E5698140 (5045207)	<0.2	0.88	<1	<5	20	<0.5	<1	0.21	<0.5	11	8.7	103	5.4	1.57
E5698141 (5045208)	<0.2	1.40	4	<5	33	<0.5	<1	0.42	<0.5	12	14.9	153	11.3	2.94
E5698142 (5045209)	<0.2	1.29	1	<5	30	<0.5	<1	0.37	<0.5	10	13.5	101	8.4	2.70
E5698143 (5045210)	<0.2	1.02	5	<5	35	<0.5	<1	0.31	<0.5	15	9.1	104	11.7	1.46
E5698144 (5045211)	<0.2	1.30	3	<5	29	<0.5	<1	0.32	<0.5	12	10.2	98.3	11.5	2.12
E5698145 (5045212)	<0.2	0.60	5	<5	28	<0.5	<1	0.16	<0.5	10	5.1	68.0	9.4	1.02
E5698146 (5045213)	0.2	0.78	5	<5	53	<0.5	<1	0.55	0.5	9	7.4	136	16.9	1.15
E5698147 (5045214)	<0.2	1.31	7	<5	30	<0.5	<1	0.37	<0.5	9	30.9	282	12.6	3.10
E5698148 (5045215)	<0.2	0.91	5	<5	30	<0.5	<1	0.28	<0.5	7	24.8	140	10.7	2.81
E5698149 (5045216)	<0.2	0.12	7	<5	25	<0.5	2	0.59	<0.5	1	0.9	9.8	7.0	0.17
E5698150 (5045217)	<0.2	0.08	6	<5	24	<0.5	<1	0.57	<0.5	1	0.5	6.1	7.7	0.12
E5698151 (5045218)	<0.2	0.08	4	9	23	<0.5	1	0.58	<0.5	<1	<0.5	8.0	5.8	0.08
E5698152 (5045219)	<0.2	1.33	4	<5	26	<0.5	<1	0.36	<0.5	10	14.3	125	11.2	2.84
E5698153 (5045220)	<0.2	0.71	6	<5	41	<0.5	<1	0.19	<0.5	8	9.9	77.1	11.1	1.43
E5698154 (5045221)	<0.2	0.92	3	<5	37	<0.5	<1	0.26	<0.5	13	9.6	101	12.2	1.91
E5698155 (5045222)	<0.2	1.62	4	<5	60	<0.5	<1	0.36	<0.5	23	23.7	213	18.0	4.60
E5698156 (5045223)	<0.2	1.07	2	<5	33	<0.5	<1	0.35	<0.5	8	11.3	176	6.2	2.08
E5698157 (5045224)	<0.2	1.92	5	<5	33	<0.5	<1	0.58	<0.5	11	19.5	152	30.9	3.64
E5698158 (5045225)	<0.2	0.96	1	<5	67	<0.5	<1	0.44	<0.5	15	13.5	83.8	13.3	3.18
E5698159 (5045226)	<0.2	0.61	<1	<5	28	<0.5	<1	0.16	<0.5	7	5.1	95.1	6.4	1.36

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5698160 (5045227)	<0.2	0.96	4	<5	33	<0.5	<1	0.26	<0.5	13	7.6	121	9.9	1.88
E5698161 (5045228)	0.2	0.60	5	<5	39	<0.5	<1	0.17	<0.5	12	4.6	112	12.2	1.15
E5698162 (5045229)	<0.2	0.97	3	<5	22	<0.5	<1	0.35	<0.5	9	10.2	132	10.0	1.72
E5698163 (5045230)	<0.2	0.88	6	<5	28	<0.5	<1	0.23	<0.5	11	10.9	176	13.3	1.88
E5698164 (5045231)	<0.2	0.16	6	<5	27	<0.5	<1	0.70	<0.5	1	0.8	20.2	5.8	0.20
E5698165 (5045232)	<0.2	0.09	5	<5	29	<0.5	<1	0.60	<0.5	1	0.5	7.2	6.1	0.12
E5698166 (5045233)	<0.2	0.10	26	<5	25	<0.5	1	0.58	<0.5	1	21.2	5.5	25.8	0.13
E5698167 (5045234)	<0.2	0.75	3	<5	29	<0.5	<1	0.20	<0.5	8	5.1	132	6.9	1.34
E5698168 (5045235)	<0.2	0.78	8	<5	23	<0.5	<1	0.38	<0.5	8	5.1	120	6.1	1.15
E5698169 (5045236)	<0.2	1.57	7	<5	24	<0.5	<1	0.22	<0.5	13	7.7	116	10.3	2.27
E5698170 (5045237)	<0.2	0.84	<1	<5	24	<0.5	<1	0.18	<0.5	11	5.2	96.1	6.5	1.59
E5698171 (5045238)	<0.2	1.70	6	<5	39	<0.5	<1	0.13	<0.5	20	8.2	101	13.1	2.48
E5698172 (5045239)	<0.2	1.34	6	<5	41	<0.5	<1	0.55	<0.5	10	14.0	144	11.6	2.86
E5698173 (5045240)	<0.2	0.87	4	<5	14	<0.5	<1	0.19	<0.5	17	4.5	33.9	8.4	0.61
E5698174 (5045241)	<0.2	0.83	4	<5	21	<0.5	<1	0.12	<0.5	17	6.0	45.1	5.9	1.30
E5698175 (5045242)	<0.2	0.60	4	<5	37	<0.5	<1	0.22	<0.5	9	5.5	117	12.4	1.32
E5698176 (5045243)	<0.2	0.68	5	<5	70	<0.5	<1	0.24	<0.5	10	5.0	107	19.0	1.34
E5698177 (5045244)	<0.2	0.60	2	<5	32	<0.5	<1	0.21	<0.5	8	5.7	110	7.1	1.18
E5698178 (5045245)	0.3	3.59	13	6	203	1.3	<1	1.35	0.5	111	18.7	132	42.3	2.21
E5698179 (5045246)	<0.2	0.20	3	<5	33	<0.5	1	0.58	<0.5	5	1.1	13.3	7.3	0.17
E5698180 (5045247)	<0.2	0.09	8	<5	21	<0.5	<1	0.48	1.1	2	0.7	7.7	10.8	0.12
E5698181 (5045248)	<0.2	0.13	5	<5	28	<0.5	<1	0.78	<0.5	2	<0.5	5.5	6.1	0.09

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013						DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5698032 (5045098)	<5	2	<1	0.06	4	8	0.93	311	4.0	0.06	44.1	170	10.6	<10	
E5698033 (5045099)	<5	<1	<1	0.03	7	3	0.19	57	1.0	<0.01	17.7	169	11.0	<10	
E5698034 (5045100)	<5	<1	1	0.03	8	6	0.27	66	<0.5	<0.01	29.3	385	2.0	<10	
E5698035 (5045101)	<5	<1	<1	0.06	6	4	0.32	120	0.6	0.03	28.3	350	19.5	<10	
E5698036 (5045102)	5	<1	<1	0.09	6	7	0.65	287	1.3	0.05	38.6	372	19.0	11	
E5698037 (5045103)	<5	<1	<1	0.03	11	5	0.34	88	0.6	0.02	29.3	437	7.3	<10	
E5698038 (5045104)	<5	<1	<1	0.08	3	<1	0.11	105	2.3	0.02	26.5	1080	44.2	<10	
E5698039 (5045105)	<5	<1	<1	0.07	5	<1	0.11	52	2.3	0.01	25.7	1220	38.0	<10	
E5698040 (5045106)	<5	<1	2	0.03	5	4	0.30	70	<0.5	<0.01	19.6	118	3.8	<10	
E5698041 (5045107)	<5	<1	1	0.10	5	1	0.13	140	2.1	0.02	29.8	873	44.7	<10	
E5698042 (5045108)	<5	<1	<1	0.02	5	3	0.15	37	<0.5	<0.01	15.1	80	4.6	<10	
E5698043 (5045109)	<5	<1	<1	0.12	1	<1	0.06	103	1.4	<0.01	11.4	713	43.9	13	
E5698044 (5045110)	<5	2	<1	0.03	<1	<1	0.10	13	2.2	<0.01	6.4	479	18.2	<10	
E5698045 (5045111)	<5	<1	<1	<0.01	1	<1	0.11	4	1.5	<0.01	5.6	368	5.5	<10	
E5698046 (5045112)	<5	<1	<1	0.03	<1	<1	0.10	8	1.6	<0.01	5.9	510	20.1	<10	
E5698047 (5045113)	5	<1	<1	0.05	9	8	0.57	107	<0.5	0.01	48.6	215	9.0	13	
E5698048 (5045114)	5	<1	<1	0.05	7	7	0.41	89	<0.5	0.01	39.1	224	7.7	11	
E5698049 (5045115)	5	1	<1	0.04	10	11	0.49	115	0.7	0.01	42.1	238	6.8	<10	
E5698050 (5045117)	5	4	<1	0.08	7	2	0.20	200	1.3	0.01	113	817	28.6	<10	
E5698051 (5045118)	9	5	<1	0.10	8	21	0.78	178	0.8	0.01	89.4	476	15.2	25	
E5698052 (5045119)	<5	<1	<1	0.04	7	7	0.44	105	0.8	0.01	33.9	350	9.5	<10	
E5698053 (5045120)	<5	2	<1	0.07	5	1	0.10	62	1.4	0.01	28.0	1190	33.4	<10	
E5698054 (5045121)	<5	<1	<1	0.07	6	1	0.12	53	2.6	0.02	24.3	1030	26.6	<10	
E5698055 (5045122)	<5	2	<1	0.06	5	2	1.74	241	<0.5	0.05	130	270	12.3	<10	
E5698056 (5045123)	<5	1	1	0.06	6	2	0.30	138	5.2	0.02	34.9	430	43.0	<10	
E5698057 (5045124)	6	<1	<1	0.18	35	24	0.78	631	3.7	0.02	72.1	880	26.2	39	
E5698058 (5045125)	<5	2	<1	0.09	4	2	0.10	81	1.5	<0.01	19.8	579	39.1	<10	
E5698059 (5045126)	<5	1	<1	0.04	<1	<1	0.11	21	2.2	<0.01	6.8	448	23.6	<10	
E5698060 (5045127)	<5	<1	1	0.03	<1	<1	0.10	10	2.6	<0.01	6.4	525	19.4	<10	
E5698061 (5045128)	<5	<1	<1	0.03	<1	<1	0.10	10	2.3	<0.01	5.4	490	24.2	<10	
E5698062 (5045129)	<5	<1	<1	0.03	9	6	0.33	80	1.1	0.01	33.8	318	3.9	<10	
E5698063 (5045130)	<5	<1	<1	0.03	7	5	0.27	51	<0.5	<0.01	24.4	155	6.9	<10	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

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### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013						DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample ID (AGAT ID)															
E5698064 (5045131)	<5	<1	<1	0.07	10	4	0.56	288	1.1	0.04	37.2	386	21.2	<10	
E5698065 (5045132)	<5	<1	<1	0.07	5	3	0.24	126	2.0	0.05	15.0	256	31.0	<10	
E5698066 (5045133)	<5	<1	<1	0.03	10	4	0.33	117	<0.5	0.02	34.7	453	5.6	<10	
E5698067 (5045134)	<5	<1	4	0.04	9	12	0.59	147	2.8	<0.01	52.9	701	14.7	<10	
E5698068 (5045135)	<5	3	1	0.06	5	7	1.39	371	1.9	0.04	73.3	666	29.9	<10	
E5698069 (5045136)	<5	<1	2	0.07	4	1	0.79	107	0.7	0.02	76.6	968	34.2	<10	
E5698070 (5045137)	10	3	<1	0.04	7	13	0.32	118	1.6	<0.01	51.4	420	20.6	<10	
E5698071 (5045138)	13	1	4	0.03	6	11	0.36	109	1.9	<0.01	42.8	304	9.2	<10	
E5698072 (5045139)	<5	<1	<1	0.02	8	5	0.24	53	<0.5	<0.01	30.1	346	2.5	<10	
E5698073 (5045140)	<5	1	<1	0.10	2	<1	0.17	156	3.0	0.03	17.0	394	35.7	38	
E5698074 (5045141)	<5	<1	<1	0.06	<1	<1	0.10	27	2.8	<0.01	6.4	421	26.6	<10	
E5698075 (5045142)	<5	1	<1	0.03	1	<1	0.09	11	2.7	<0.01	5.7	497	24.1	<10	
E5698076 (5045143)	<5	<1	<1	0.03	1	<1	0.09	8	2.5	<0.01	6.0	508	19.3	<10	
E5698077 (5045144)	<5	1	<1	0.03	5	<1	0.08	29	1.6	<0.01	28.6	1040	29.0	<10	
E5698078 (5045145)	<5	<1	<1	0.05	3	<1	0.10	77	1.9	<0.01	21.5	520	26.9	<10	
E5698079 (5045146)	167	<1	185	0.12	8	26	0.35	67	2.1	0.09	21.7	370	7.8	<10	
E5698080 (5045147)	8	<1	2	0.03	8	7	0.22	51	1.0	<0.01	17.7	266	9.0	<10	
E5698081 (5045148)	<5	<1	<1	0.03	8	6	0.25	103	0.6	<0.01	24.3	305	5.2	<10	
E5698082 (5045149)	<5	<1	<1	0.03	8	6	0.29	125	1.4	0.01	23.6	389	3.7	<10	
E5698083 (5045150)	<5	3	<1	0.05	6	1	0.08	34	2.3	0.01	21.5	993	14.2	<10	
E5698084 (5045151)	<5	<1	<1	0.07	5	<1	0.09	44	1.9	<0.01	25.4	1210	24.4	<10	
E5698085 (5045152)	9	<1	2	0.04	6	8	0.47	112	1.6	<0.01	74.9	359	19.9	<10	
E5698086 (5045153)	<5	<1	<1	0.06	5	11	0.85	297	1.4	0.03	63.6	344	20.2	<10	
E5698087 (5045154)	<5	<1	<1	0.02	9	4	0.17	44	1.0	<0.01	17.5	187	2.1	<10	
E5698088 (5045155)	<5	<1	1	0.07	3	<1	0.13	117	3.1	0.02	15.8	478	43.6	<10	
E5698089 (5045156)	<5	<1	<1	0.04	<1	<1	0.09	22	2.0	<0.01	5.1	465	16.1	<10	
E5698090 (5045157)	<5	<1	<1	0.04	<1	<1	0.10	13	2.4	<0.01	6.2	453	22.2	<10	
E5698091 (5045158)	<5	<1	<1	<0.01	<1	<1	0.10	5	2.2	<0.01	4.7	278	3.1	<10	
E5698092 (5045159)	<5	<1	<1	0.02	6	2	0.12	30	<0.5	<0.01	12.5	166	5.9	<10	
E5698093 (5045160)	<5	<1	<1	0.02	6	1	0.07	21	<0.5	<0.01	7.6	103	5.0	<10	
E5698094 (5045161)	<5	<1	<1	0.02	7	5	0.15	43	0.8	<0.01	15.7	265	4.9	<10	
E5698095 (5045162)	<5	<1	<1	0.02	6	5	0.17	46	0.6	<0.01	18.0	234	2.2	<10	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013							DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5698096 (5045163)	<5	<1	<1	0.03	20	5	0.27	106	25.1	0.01	22.0	387	26.1	<10	
E5698097 (5045164)	<5	<1	<1	0.02	66	5	0.16	286	6.1	<0.01	79.6	1930	11.4	<10	
E5698098 (5045165)	<5	<1	<1	0.06	6	1	0.11	77	1.8	<0.01	28.5	871	33.8	<10	
E5698099 (5045166)	<5	<1	<1	0.08	5	<1	0.10	107	1.9	<0.01	28.0	962	38.8	<10	
E5698100 (5045167)	<5	<1	<1	0.05	5	3	0.37	216	1.9	0.03	23.8	167	12.5	<10	
E5698101 (5045168)	<5	1	1	0.07	9	3	0.22	101	1.9	0.02	20.4	366	25.9	<10	
E5698102 (5045169)	<5	<1	<1	0.02	5	<1	0.05	28	0.8	<0.01	7.3	94	6.2	<10	
E5698103 (5045170)	<5	<1	<1	0.08	3	3	0.33	144	2.2	0.02	27.0	355	30.2	<10	
E5698104 (5045171)	<5	<1	<1	<0.01	1	<1	0.14	12	3.3	0.07	10.7	262	4.9	<10	
E5698105 (5045172)	<5	<1	<1	0.07	<1	<1	0.09	27	2.3	<0.01	4.9	490	10.5	<10	
E5698106 (5045173)	<5	<1	<1	0.06	<1	<1	0.09	19	1.9	<0.01	4.9	416	18.8	<10	
E5698107 (5045174)	<5	<1	<1	0.05	5	7	0.59	205	1.4	0.02	31.8	157	5.6	<10	
E5698108 (5045175)	<5	<1	2	0.07	5	7	0.52	200	1.9	0.04	28.4	178	7.6	<10	
E5698109 (5045176)	<5	<1	<1	0.05	8	9	0.59	218	2.3	0.02	59.7	212	7.9	<10	
E5698110 (5045177)	<5	<1	<1	0.09	10	12	0.64	270	2.5	0.04	48.8	233	8.5	<10	
E5698111 (5045178)	<5	<1	<1	0.06	6	9	0.73	234	1.9	0.04	51.9	205	6.8	<10	
E5698112 (5045179)	<5	<1	<1	0.06	7	8	0.53	346	3.1	0.04	44.7	349	15.6	<10	
E5698113 (5045180)	<5	<1	<1	0.07	4	2	0.14	142	3.1	0.02	28.0	749	35.5	<10	
E5698114 (5045181)	<5	2	1	0.07	3	<1	0.09	140	2.3	<0.01	23.0	831	36.0	<10	
E5698115 (5045182)	8	3	<1	0.07	5	13	0.94	324	1.7	0.04	58.7	308	11.8	<10	
E5698116 (5045183)	<5	<1	<1	0.04	4	3	0.29	210	1.8	0.03	20.5	162	6.7	<10	
E5698117 (5045184)	<5	4	<1	0.05	4	2	0.18	99	0.6	0.05	16.5	113	6.0	<10	
E5698118 (5045185)	<5	1	<1	0.08	3	1	0.17	127	1.6	0.04	15.5	342	24.2	<10	
E5698119 (5045186)	<5	3	<1	0.01	1	<1	0.11	13	2.2	<0.01	6.2	379	9.8	<10	
E5698120 (5045187)	<5	<1	<1	0.03	<1	<1	0.10	16	1.5	<0.01	5.6	519	21.4	<10	
E5698121 (5045188)	<5	4	<1	0.02	1	<1	0.10	10	1.1	<0.01	5.6	556	19.3	<10	
E5698122 (5045189)	<5	2	<1	0.05	5	4	0.32	97	<0.5	0.03	27.6	379	15.6	<10	
E5698123 (5045190)	<5	4	<1	0.09	2	<1	0.14	79	0.8	<0.01	24.8	624	46.7	<10	
E5698124 (5045191)	<5	2	1	0.07	5	7	0.67	353	4.7	0.06	50.4	143	9.9	<10	
E5698125 (5045192)	7	<1	<1	0.07	5	6	0.68	431	4.0	0.04	45.6	213	13.3	<10	
E5698126 (5045193)	<5	1	3	0.06	6	14	1.70	358	<0.5	0.04	195	148	18.0	<10	
E5698127 (5045194)	<5	3	<1	0.07	6	5	0.42	282	1.0	0.05	103	189	11.5	<10	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013						DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5698128 (5045195)	<5	1	<1	0.07	3	1	0.13	112	<0.5	0.01	32.2	871	39.1	<10
E5698129 (5045196)	<5	2	<1	0.07	3	<1	0.08	53	0.5	<0.01	25.7	815	39.1	<10
E5698130 (5045197)	<5	<1	<1	0.05	4	2	0.43	141	<0.5	0.04	51.0	168	13.7	<10
E5698131 (5045198)	6	4	<1	0.06	4	4	0.61	210	<0.5	0.04	42.9	237	14.5	<10
E5698132 (5045199)	<5	2	<1	0.05	5	2	0.16	99	<0.5	0.05	18.1	84	6.1	<10
E5698133 (5045200)	<5	4	<1	0.12	2	1	0.14	303	1.1	0.02	21.7	573	49.8	<10
E5698134 (5045201)	<5	<1	<1	0.05	<1	<1	0.11	27	1.7	<0.01	6.0	496	22.7	<10
E5698135 (5045202)	<5	<1	<1	0.02	1	<1	0.10	10	1.6	<0.01	7.0	441	11.5	<10
E5698136 (5045203)	<5	4	<1	0.02	<1	<1	0.11	7	<0.5	<0.01	6.2	417	12.6	<10
E5698137 (5045204)	<5	2	<1	0.06	7	4	0.29	96	0.8	0.03	39.1	129	9.5	<10
E5698138 (5045205)	<5	1	<1	0.11	6	7	0.25	133	1.4	0.05	36.8	257	15.0	10
E5698139 (5045206)	<5	3	<1	0.07	6	9	0.58	186	3.0	0.04	44.3	283	8.2	<10
E5698140 (5045207)	<5	<1	<1	0.05	5	8	0.59	186	<0.5	0.03	43.2	199	5.1	<10
E5698141 (5045208)	<5	4	<1	0.08	6	12	1.13	358	<0.5	0.06	71.2	267	14.5	<10
E5698142 (5045209)	5	1	<1	0.06	5	8	0.74	336	<0.5	0.05	40.0	215	9.7	<10
E5698143 (5045210)	<5	<1	<1	0.08	7	7	0.50	200	0.5	0.07	41.1	326	8.0	<10
E5698144 (5045211)	<5	1	1	0.06	6	9	0.59	242	<0.5	0.05	38.3	300	6.5	<10
E5698145 (5045212)	<5	2	1	0.06	5	3	0.26	113	<0.5	0.03	19.5	142	12.1	<10
E5698146 (5045213)	<5	3	<1	0.05	4	2	0.26	200	2.3	0.03	42.9	234	23.3	<10
E5698147 (5045214)	8	4	<1	0.06	4	7	1.07	1450	<0.5	0.06	82.7	200	15.0	10
E5698148 (5045215)	<5	2	<1	0.05	3	4	0.74	1060	0.5	0.04	55.1	211	16.0	<10
E5698149 (5045216)	<5	1	<1	0.02	<1	<1	0.11	35	1.0	<0.01	5.8	507	17.8	<10
E5698150 (5045217)	<5	3	<1	0.03	<1	<1	0.10	11	0.8	<0.01	6.7	481	26.6	<10
E5698151 (5045218)	<5	<1	<1	0.03	<1	<1	0.09	17	0.5	<0.01	3.7	402	9.3	<10
E5698152 (5045219)	<5	3	<1	0.07	5	13	0.93	337	<0.5	0.06	42.7	229	11.8	<10
E5698153 (5045220)	<5	<1	<1	0.05	4	7	0.37	210	<0.5	0.03	34.7	258	14.0	<10
E5698154 (5045221)	<5	<1	<1	0.06	6	6	0.48	271	<0.5	0.03	39.4	266	13.8	<10
E5698155 (5045222)	6	1	2	0.06	10	9	0.95	1350	<0.5	0.03	89.9	760	23.5	13
E5698156 (5045223)	<5	4	<1	0.08	4	8	0.86	246	0.6	0.06	64.3	156	9.3	<10
E5698157 (5045224)	7	2	<1	0.06	5	10	1.12	475	<0.5	0.06	57.8	329	9.3	<10
E5698158 (5045225)	6	2	1	0.05	6	3	0.51	344	<0.5	0.05	22.3	947	10.9	<10
E5698159 (5045226)	<5	2	<1	0.06	4	4	0.25	131	<0.5	0.05	16.8	139	7.3	<10

Certified By:

*Ron Cardinal*





## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
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TEL (905)501-9998  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013						DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5698160 (5045227)	<5	3	<1	0.10	6	7	0.51	204	<0.5	0.06	36.1	142	9.7	10	
E5698161 (5045228)	<5	4	<1	0.06	6	3	0.21	118	0.9	0.03	25.1	218	18.0	<10	
E5698162 (5045229)	<5	<1	<1	0.04	4	6	0.79	163	<0.5	0.05	52.4	149	7.5	<10	
E5698163 (5045230)	<5	<1	<1	0.05	6	7	0.81	201	<0.5	0.04	73.7	197	7.0	<10	
E5698164 (5045231)	<5	4	<1	0.02	1	<1	0.13	21	1.2	0.01	7.7	422	8.1	<10	
E5698165 (5045232)	<5	<1	<1	0.02	<1	<1	0.10	13	<0.5	<0.01	5.1	469	19.2	<10	
E5698166 (5045233)	<5	5	<1	0.03	12	<1	0.10	11	26.0	<0.01	5.5	529	38.2	<10	
E5698167 (5045234)	5	3	<1	0.07	4	7	0.30	130	1.0	0.06	27.1	108	5.7	<10	
E5698168 (5045235)	<5	3	<1	0.05	4	4	0.27	110	0.8	0.04	32.6	118	7.9	<10	
E5698169 (5045236)	<5	<1	<1	0.05	7	8	0.41	161	<0.5	0.04	34.6	286	10.6	<10	
E5698170 (5045237)	5	<1	1	0.05	6	4	0.29	129	<0.5	0.04	19.1	158	4.7	<10	
E5698171 (5045238)	12	2	4	0.05	9	18	0.34	140	0.9	<0.01	34.6	425	20.9	12	
E5698172 (5045239)	7	<1	1	0.10	5	6	0.71	532	0.7	0.07	38.7	252	15.7	11	
E5698173 (5045240)	<5	2	<1	0.02	8	5	0.20	55	<0.5	<0.01	26.0	406	4.6	<10	
E5698174 (5045241)	5	<1	<1	0.03	8	9	0.28	88	5.5	<0.01	21.2	155	9.2	<10	
E5698175 (5045242)	<5	3	<1	0.07	4	4	0.29	171	1.1	0.05	22.5	205	12.9	<10	
E5698176 (5045243)	<5	2	<1	0.08	5	3	0.24	125	<0.5	0.05	21.1	339	21.0	<10	
E5698177 (5045244)	<5	<1	2	0.08	4	4	0.32	152	<0.5	0.07	25.0	111	7.8	<10	
E5698178 (5045245)	7	4	1	0.20	57	26	0.63	475	1.6	0.02	76.5	1400	30.7	36	
E5698179 (5045246)	<5	1	<1	0.03	3	<1	0.11	21	1.3	<0.01	7.3	610	14.4	<10	
E5698180 (5045247)	<5	2	<1	0.05	1	<1	0.10	21	1.1	<0.01	6.1	544	29.5	<10	
E5698181 (5045248)	<5	2	<1	0.01	1	<1	0.10	5	1.1	<0.01	5.0	373	8.2	<10	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013		DATE REPORTED: Jan 07, 2014				SAMPLE TYPE: Soil							
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5698032 (5045098)	0.011	<1	4.6	<10	11	16.1	<10	<10	<5	0.17	<5	<5	74.7	<1
E5698033 (5045099)	0.019	1	1.8	<10	5	9.5	<10	<10	<5	0.11	11	<5	28.8	<1
E5698034 (5045100)	0.007	<1	2.1	<10	<5	9.0	<10	<10	<5	0.08	<5	<5	23.3	<1
E5698035 (5045101)	0.037	<1	2.1	<10	<5	17.4	<10	<10	<5	0.07	12	<5	31.8	<1
E5698036 (5045102)	0.035	2	3.6	<10	6	20.1	<10	<10	<5	0.10	<5	<5	59.3	<1
E5698037 (5045103)	0.007	<1	2.1	<10	<5	10.9	<10	<10	6	0.07	<5	<5	28.6	<1
E5698038 (5045104)	0.149	3	1.6	<10	<5	13.9	<10	<10	<5	0.02	13	<5	11.3	<1
E5698039 (5045105)	0.191	3	1.8	<10	<5	13.4	<10	<10	<5	0.02	<5	<5	15.1	<1
E5698040 (5045106)	0.009	1	2.2	<10	<5	6.7	<10	<10	<5	0.08	<5	<5	30.5	<1
E5698041 (5045107)	0.078	<1	1.4	<10	<5	15.7	<10	<10	<5	0.03	<5	<5	16.1	<1
E5698042 (5045108)	0.009	1	1.2	<10	<5	6.8	<10	<10	<5	0.08	7	<5	20.3	<1
E5698043 (5045109)	0.100	<1	<0.5	12	<5	10.2	<10	<10	<5	0.01	5	<5	6.3	<1
E5698044 (5045110)	0.200	<1	<0.5	<10	<5	13.9	<10	<10	<5	<0.01	6	<5	3.2	<1
E5698045 (5045111)	0.183	1	<0.5	11	<5	19.8	<10	<10	<5	<0.01	<5	<5	3.2	<1
E5698046 (5045112)	0.199	2	<0.5	<10	<5	13.5	<10	<10	<5	<0.01	<5	<5	3.1	<1
E5698047 (5045113)	0.016	<1	2.5	12	6	9.5	<10	<10	<5	0.12	<5	<5	41.4	<1
E5698048 (5045114)	0.024	<1	2.5	<10	6	10.7	<10	<10	<5	0.12	<5	<5	37.4	<1
E5698049 (5045115)	0.008	<1	3.2	<10	8	9.5	<10	<10	6	0.14	<5	<5	47.4	<1
E5698050 (5045117)	0.104	3	3.5	15	<5	19.8	<10	<10	<5	0.06	5	<5	44.1	<1
E5698051 (5045118)	0.038	2	4.2	<10	8	14.1	<10	<10	<5	0.14	<5	<5	65.4	<1
E5698052 (5045119)	0.022	<1	1.9	<10	5	10.2	<10	<10	<5	0.09	<5	<5	35.4	<1
E5698053 (5045120)	0.191	<1	1.7	<10	<5	12.6	<10	<10	<5	0.02	<5	<5	15.9	<1
E5698054 (5045121)	0.184	1	1.9	<10	<5	13.3	<10	<10	<5	0.03	8	<5	20.5	<1
E5698055 (5045122)	0.032	<1	3.9	12	8	12.3	<10	<10	<5	0.11	<5	<5	68.9	<1
E5698056 (5045123)	0.049	<1	1.3	<10	<5	14.4	<10	<10	<5	0.04	5	<5	32.5	<1
E5698057 (5045124)	0.132	<1	7.5	<10	11	35.8	<10	<10	5	0.06	<5	<5	53.2	<1
E5698058 (5045125)	0.067	<1	1.0	<10	<5	11.9	<10	<10	<5	0.02	<5	<5	12.8	<1
E5698059 (5045126)	0.161	2	<0.5	<10	<5	12.3	<10	<10	<5	<0.01	12	<5	2.9	<1
E5698060 (5045127)	0.211	<1	<0.5	<10	<5	13.6	<10	<10	<5	<0.01	<5	<5	3.3	<1
E5698061 (5045128)	0.187	3	<0.5	<10	<5	11.3	<10	<10	<5	<0.01	<5	<5	3.2	<1
E5698062 (5045129)	0.007	<1	1.8	<10	<5	11.2	<10	<10	<5	0.08	<5	<5	25.6	<1
E5698063 (5045130)	0.006	<1	1.4	<10	<5	7.1	<10	<10	<5	0.06	<5	<5	20.3	<1

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5698064 (5045131)	0.027	1	4.2	<10	<5	11.7	<10	<10	<5	0.05	<5	<5	54.8	<1	
E5698065 (5045132)	0.029	3	1.7	<10	<5	18.2	<10	<10	<5	0.07	<5	<5	29.4	<1	
E5698066 (5045133)	<0.005	<1	2.2	<10	<5	11.1	<10	<10	<5	0.07	<5	<5	23.9	<1	
E5698067 (5045134)	0.032	3	2.6	<10	<5	11.9	<10	<10	<5	0.07	8	<5	45.1	1	
E5698068 (5045135)	0.097	2	4.8	20	<5	13.4	<10	<10	<5	0.06	<5	<5	64.9	<1	
E5698069 (5045136)	0.147	4	1.5	15	<5	12.2	<10	<10	<5	0.02	7	<5	23.6	<1	
E5698070 (5045137)	0.049	2	3.7	<10	6	7.4	<10	<10	<5	0.15	<5	<5	97.7	1	
E5698071 (5045138)	0.028	<1	3.5	<10	9	7.8	<10	<10	<5	0.19	6	<5	113	<1	
E5698072 (5045139)	0.005	4	1.7	<10	<5	7.4	<10	<10	<5	0.07	12	<5	24.2	<1	
E5698073 (5045140)	0.063	<1	2.3	<10	8	8.5	<10	<10	<5	0.16	<5	<5	63.2	<1	
E5698074 (5045141)	0.138	<1	0.6	<10	<5	10.2	<10	<10	<5	<0.01	<5	<5	4.9	<1	
E5698075 (5045142)	0.200	<1	<0.5	11	<5	12.9	<10	<10	<5	<0.01	<5	<5	3.2	<1	
E5698076 (5045143)	0.188	<1	<0.5	12	<5	14.4	<10	<10	<5	<0.01	<5	<5	3.3	<1	
E5698077 (5045144)	0.193	<1	1.6	19	<5	16.8	<10	<10	<5	0.02	6	<5	7.4	<1	
E5698078 (5045145)	0.103	2	1.0	15	<5	16.4	<10	<10	<5	<0.01	<5	<5	5.7	<1	
E5698079 (5045146)	0.014	2	1.3	10	6	181	<10	<10	<5	0.06	<5	<5	27.5	<1	
E5698080 (5045147)	0.019	<1	1.3	<10	5	8.0	<10	<10	<5	0.05	<5	<5	22.5	<1	
E5698081 (5045148)	0.007	<1	1.8	22	<5	10.2	<10	<10	<5	0.07	<5	<5	21.0	<1	
E5698082 (5045149)	<0.005	<1	1.8	<10	<5	11.6	<10	<10	<5	0.07	<5	<5	24.5	<1	
E5698083 (5045150)	0.136	<1	1.4	<10	<5	13.6	<10	<10	<5	0.02	<5	<5	13.4	<1	
E5698084 (5045151)	0.164	2	1.5	16	<5	13.9	<10	<10	<5	0.02	<5	<5	13.5	<1	
E5698085 (5045152)	0.046	1	2.5	<10	6	8.0	<10	<10	<5	0.12	<5	<5	80.7	<1	
E5698086 (5045153)	0.027	1	3.4	15	7	14.2	<10	<10	<5	0.12	<5	<5	64.7	<1	
E5698087 (5045154)	<0.005	<1	1.2	<10	<5	6.5	<10	<10	<5	0.06	<5	<5	18.7	<1	
E5698088 (5045155)	0.065	<1	1.5	<10	5	13.1	<10	<10	<5	0.04	<5	<5	17.5	<1	
E5698089 (5045156)	0.190	1	<0.5	10	<5	13.3	<10	<10	<5	<0.01	<5	<5	2.9	<1	
E5698090 (5045157)	0.154	<1	<0.5	10	<5	11.8	<10	<10	<5	<0.01	<5	<5	2.9	<1	
E5698091 (5045158)	0.134	<1	<0.5	13	<5	20.3	<10	<10	<5	<0.01	<5	<5	2.7	<1	
E5698092 (5045159)	0.013	3	0.7	<10	<5	6.8	<10	<10	<5	0.04	<5	<5	11.2	<1	
E5698093 (5045160)	0.010	<1	0.7	<10	<5	6.5	<10	<10	<5	0.04	<5	<5	7.8	<1	
E5698094 (5045161)	0.010	<1	1.3	13	<5	7.7	<10	<10	<5	0.05	<5	<5	17.3	<1	
E5698095 (5045162)	0.013	<1	1.5	14	<5	8.1	<10	<10	<5	0.06	<5	<5	19.1	<1	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013	DATE REPORTED: Jan 07, 2014	SAMPLE TYPE: Soil												
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
E5698096 (5045163)	0.008	<1	2.0	<10	5	13.0	<10	<10	<5	0.07	<5	<5	21.8	<1	
E5698097 (5045164)	0.398	4	8.6	<10	5	41.8	<10	<10	<5	0.02	<5	5	11.0	<1	
E5698098 (5045165)	0.121	3	2.3	11	<5	15.0	<10	<10	<5	0.02	<5	<5	11.6	2	
E5698099 (5045166)	0.119	<1	1.2	<10	<5	14.8	<10	<10	<5	0.01	<5	<5	8.8	<1	
E5698100 (5045167)	0.021	<1	2.4	<10	9	14.4	<10	<10	<5	0.13	<5	<5	65.9	<1	
E5698101 (5045168)	0.028	2	1.8	<10	<5	11.8	<10	<10	<5	0.07	<5	<5	25.9	2	
E5698102 (5045169)	0.009	<1	0.9	15	<5	6.3	<10	<10	<5	0.06	<5	<5	22.4	2	
E5698103 (5045170)	0.039	<1	1.1	14	<5	8.6	<10	<10	<5	0.04	<5	<5	37.2	<1	
E5698104 (5045171)	0.182	<1	0.9	<10	<5	29.0	<10	<10	<5	<0.01	<5	<5	5.6	<1	
E5698105 (5045172)	0.157	<1	<0.5	<10	<5	11.1	<10	<10	<5	<0.01	<5	<5	2.5	<1	
E5698106 (5045173)	0.130	<1	<0.5	<10	<5	10.6	<10	<10	<5	<0.01	<5	<5	2.6	<1	
E5698107 (5045174)	0.014	<1	2.5	<10	6	12.3	<10	<10	<5	0.12	<5	<5	51.7	<1	
E5698108 (5045175)	0.019	<1	2.8	<10	6	18.4	<10	<10	<5	0.12	<5	<5	47.2	<1	
E5698109 (5045176)	0.006	<1	3.0	20	7	11.4	<10	<10	<5	0.09	<5	<5	41.4	<1	
E5698110 (5045177)	0.008	<1	4.0	<10	6	14.4	<10	<10	<5	0.10	<5	<5	48.4	<1	
E5698111 (5045178)	0.012	<1	3.8	12	11	17.9	<10	<10	<5	0.14	<5	<5	60.7	<1	
E5698112 (5045179)	0.068	<1	2.8	<10	7	24.7	<10	<10	<5	0.08	<5	<5	51.9	<1	
E5698113 (5045180)	0.099	<1	1.5	<10	<5	14.0	<10	<10	<5	0.02	<5	<5	15.2	<1	
E5698114 (5045181)	0.123	<1	1.4	15	<5	12.1	<10	<10	<5	0.02	<5	<5	8.8	<1	
E5698115 (5045182)	0.024	<1	5.2	21	13	17.4	<10	<10	<5	0.21	<5	<5	101	1	
E5698116 (5045183)	0.024	<1	3.1	15	7	12.2	<10	<10	<5	0.10	<5	<5	52.9	<1	
E5698117 (5045184)	0.013	<1	1.6	<10	<5	11.8	<10	<10	<5	0.06	9	<5	26.5	<1	
E5698118 (5045185)	0.054	<1	1.2	<10	<5	15.4	<10	<10	<5	0.04	<5	<5	17.1	<1	
E5698119 (5045186)	0.186	3	0.6	<10	<5	22.7	<10	<10	<5	<0.01	<5	<5	3.9	<1	
E5698120 (5045187)	0.225	<1	<0.5	<10	<5	14.9	<10	<10	<5	<0.01	<5	<5	3.2	<1	
E5698121 (5045188)	0.220	2	<0.5	<10	6	14.8	<10	<10	<5	<0.01	<5	<5	3.0	<1	
E5698122 (5045189)	0.075	2	1.7	<10	<5	13.7	<10	<10	<5	0.06	<5	<5	28.4	<1	
E5698123 (5045190)	0.155	<1	0.8	<10	<5	23.7	<10	<10	<5	<0.01	<5	<5	6.7	<1	
E5698124 (5045191)	0.011	2	3.3	<10	9	14.3	<10	<10	<5	0.15	8	<5	83.3	<1	
E5698125 (5045192)	0.015	2	3.2	<10	11	12.7	<10	<10	<5	0.17	<5	<5	121	<1	
E5698126 (5045193)	0.007	2	3.8	<10	7	18.7	<10	<10	<5	0.11	12	<5	72.2	<1	
E5698127 (5045194)	0.022	4	2.4	11	5	15.6	<10	<10	<5	0.07	<5	<5	49.8	<1	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5698128 (5045195)	0.204	<1	1.6	10	<5	11.4	<10	<10	<5	0.02	9	<5	12.7	<1	
E5698129 (5045196)	0.242	<1	1.4	<10	<5	11.0	<10	<10	<5	0.01	<5	<5	8.0	<1	
E5698130 (5045197)	0.020	2	1.9	<10	7	11.7	<10	<10	<5	0.11	<5	<5	53.2	<1	
E5698131 (5045198)	0.022	<1	2.5	<10	11	14.2	<10	<10	<5	0.12	<5	<5	65.1	<1	
E5698132 (5045199)	0.010	<1	1.9	<10	8	12.4	<10	<10	<5	0.09	7	<5	32.1	<1	
E5698133 (5045200)	0.076	<1	0.6	<10	<5	8.2	<10	<10	<5	0.02	<5	<5	15.0	<1	
E5698134 (5045201)	0.182	3	<0.5	<10	<5	14.0	<10	<10	<5	<0.01	15	<5	3.2	<1	
E5698135 (5045202)	0.188	2	<0.5	<10	<5	19.0	<10	<10	<5	<0.01	<5	<5	3.3	<1	
E5698136 (5045203)	0.171	<1	<0.5	<10	<5	19.2	<10	<10	<5	<0.01	<5	<5	3.3	<1	
E5698137 (5045204)	0.024	<1	1.7	<10	6	13.0	<10	<10	<5	0.07	<5	<5	27.5	<1	
E5698138 (5045205)	0.026	<1	1.2	<10	6	14.7	<10	<10	<5	0.07	<5	<5	28.6	<1	
E5698139 (5045206)	0.011	<1	2.8	<10	6	15.1	<10	<10	<5	0.10	<5	<5	44.1	<1	
E5698140 (5045207)	0.008	<1	2.4	<10	7	10.8	<10	<10	<5	0.10	8	<5	44.5	<1	
E5698141 (5045208)	0.008	<1	4.5	<10	12	16.7	<10	<10	<5	0.17	<5	<5	74.7	<1	
E5698142 (5045209)	0.012	<1	3.2	<10	11	11.8	<10	<10	<5	0.16	<5	<5	75.7	<1	
E5698143 (5045210)	0.007	<1	3.1	10	6	18.5	<10	<10	<5	0.09	<5	<5	33.5	<1	
E5698144 (5045211)	0.016	3	3.6	14	9	15.7	<10	<10	<5	0.12	<5	<5	53.6	<1	
E5698145 (5045212)	0.016	<1	1.5	<10	5	11.4	<10	<10	<5	0.07	<5	<5	31.4	<1	
E5698146 (5045213)	0.032	<1	1.8	<10	8	11.8	<10	<10	<5	0.07	<5	<5	38.0	<1	
E5698147 (5045214)	0.011	2	6.2	<10	13	14.2	<10	<10	<5	0.23	<5	<5	135	<1	
E5698148 (5045215)	0.016	<1	3.3	<10	12	11.1	<10	<10	<5	0.19	<5	<5	102	<1	
E5698149 (5045216)	0.199	<1	<0.5	<10	<5	14.3	<10	<10	<5	<0.01	<5	<5	5.7	<1	
E5698150 (5045217)	0.219	1	<0.5	<10	<5	13.5	<10	<10	<5	<0.01	<5	<5	3.1	<1	
E5698151 (5045218)	0.139	<1	<0.5	<10	<5	12.3	<10	<10	<5	<0.01	6	<5	2.3	<1	
E5698152 (5045219)	0.011	2	5.1	<10	8	13.7	<10	<10	<5	0.13	<5	<5	75.4	<1	
E5698153 (5045220)	0.028	<1	1.7	<10	7	14.5	<10	<10	<5	0.09	<5	<5	35.3	<1	
E5698154 (5045221)	0.016	<1	2.4	<10	7	12.0	<10	<10	<5	0.11	<5	<5	59.0	<1	
E5698155 (5045222)	0.055	<1	5.6	<10	7	11.3	<10	<10	<5	0.11	<5	<5	70.2	<1	
E5698156 (5045223)	0.007	2	3.6	19	8	20.7	<10	<10	<5	0.16	<5	<5	56.6	<1	
E5698157 (5045224)	0.043	<1	6.2	<10	11	14.7	<10	<10	<5	0.19	<5	<5	95.3	<1	
E5698158 (5045225)	0.031	<1	2.4	<10	17	26.4	<10	<10	<5	0.28	<5	<5	105	<1	
E5698159 (5045226)	0.010	<1	1.3	<10	<5	14.9	<10	<10	<5	0.07	<5	<5	38.2	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013					DATE REPORTED: Jan 07, 2014					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5698160 (5045227)	0.011	<1	2.7	<10	9	20.1	<10	<10	<5	0.13	<5	<5	54.0	<1	
E5698161 (5045228)	0.017	<1	1.6	<10	<5	15.0	<10	<10	<5	0.07	<5	<5	30.4	<1	
E5698162 (5045229)	0.018	<1	2.6	<10	8	10.8	<10	<10	<5	0.10	<5	<5	45.4	<1	
E5698163 (5045230)	0.015	<1	2.8	<10	8	13.2	<10	<10	<5	0.08	<5	<5	46.0	<1	
E5698164 (5045231)	0.168	<1	<0.5	<10	<5	16.5	<10	<10	<5	<0.01	<5	<5	5.0	<1	
E5698165 (5045232)	0.235	3	<0.5	<10	<5	14.9	<10	<10	<5	<0.01	8	<5	3.0	<1	
E5698166 (5045233)	0.249	<1	<0.5	<10	<5	13.7	<10	<10	<5	<0.01	<5	<5	3.1	<1	
E5698167 (5045234)	0.016	<1	2.4	<10	6	16.3	<10	<10	<5	0.09	<5	<5	48.0	<1	
E5698168 (5045235)	0.015	<1	2.5	<10	6	10.6	<10	<10	<5	0.09	<5	<5	42.2	<1	
E5698169 (5045236)	0.029	<1	3.2	<10	7	10.0	<10	<10	<5	0.10	<5	<5	53.5	<1	
E5698170 (5045237)	0.010	1	2.1	<10	6	11.5	<10	<10	<5	0.10	<5	<5	49.9	<1	
E5698171 (5045238)	0.028	<1	3.0	<10	12	9.2	<10	<10	<5	0.19	7	<5	98.0	<1	
E5698172 (5045239)	0.020	<1	4.3	<10	13	19.5	<10	<10	<5	0.20	<5	<5	99.9	<1	
E5698173 (5045240)	0.013	<1	1.5	<10	5	7.4	<10	<10	<5	0.05	<5	<5	17.6	<1	
E5698174 (5045241)	0.013	<1	1.6	<10	7	6.5	<10	<10	<5	0.14	<5	<5	53.0	<1	
E5698175 (5045242)	0.024	<1	1.4	<10	7	13.4	<10	<10	<5	0.08	7	<5	32.2	<1	
E5698176 (5045243)	0.024	<1	1.7	<10	6	15.2	<10	<10	<5	0.07	<5	<5	39.2	<1	
E5698177 (5045244)	0.008	<1	1.6	<10	5	15.4	<10	<10	<5	0.08	<5	<5	31.9	<1	
E5698178 (5045245)	0.197	5	8.4	<10	10	45.6	<10	<10	<5	0.08	<5	<5	41.0	<1	
E5698179 (5045246)	0.222	2	<0.5	<10	5	13.0	<10	<10	<5	<0.01	<5	<5	4.2	<1	
E5698180 (5045247)	0.178	1	<0.5	<10	<5	11.6	<10	<10	<5	<0.01	<5	<5	3.1	<1	
E5698181 (5045248)	0.180	<1	<0.5	<10	<5	17.9	<10	<10	<5	<0.01	<5	<5	2.9	<1	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
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5623 McADAM ROAD  
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CANADA L4Z 1N9  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013	DATE REPORTED: Jan 07, 2014	SAMPLE TYPE: Soil
Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
RDL:	1	0.5	5
Sample ID (AGAT ID)			
E5698032 (5045098)	4	30.4	6
E5698033 (5045099)	2	13.9	<5
E5698034 (5045100)	3	14.0	<5
E5698035 (5045101)	2	26.3	<5
E5698036 (5045102)	3	36.8	<5
E5698037 (5045103)	4	18.1	<5
E5698038 (5045104)	2	44.5	<5
E5698039 (5045105)	2	34.0	<5
E5698040 (5045106)	2	14.1	<5
E5698041 (5045107)	2	41.4	<5
E5698042 (5045108)	2	7.2	<5
E5698043 (5045109)	<1	52.8	<5
E5698044 (5045110)	<1	24.8	<5
E5698045 (5045111)	<1	9.7	<5
E5698046 (5045112)	<1	29.5	<5
E5698047 (5045113)	2	28.8	<5
E5698048 (5045114)	2	23.9	<5
E5698049 (5045115)	3	26.5	<5
E5698050 (5045117)	3	34.4	<5
E5698051 (5045118)	3	68.6	<5
E5698052 (5045119)	2	27.2	<5
E5698053 (5045120)	2	32.8	<5
E5698054 (5045121)	3	26.1	<5
E5698055 (5045122)	2	22.9	<5
E5698056 (5045123)	2	31.4	<5
E5698057 (5045124)	14	68.4	<5
E5698058 (5045125)	2	31.1	<5
E5698059 (5045126)	<1	41.0	<5
E5698060 (5045127)	<1	26.3	<5
E5698061 (5045128)	<1	27.0	<5
E5698062 (5045129)	3	18.7	<5
E5698063 (5045130)	2	15.1	<5

Certified By:

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## Certificate of Analysis

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013	DATE REPORTED: Jan 07, 2014	SAMPLE TYPE: Soil	
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5698064 (5045131)		2	38.2	<5
E5698065 (5045132)		3	22.7	<5
E5698066 (5045133)		4	10.0	<5
E5698067 (5045134)		4	37.2	<5
E5698068 (5045135)		3	30.4	<5
E5698069 (5045136)		2	32.6	<5
E5698070 (5045137)		2	43.2	<5
E5698071 (5045138)		2	38.2	<5
E5698072 (5045139)		3	12.5	<5
E5698073 (5045140)		2	36.4	<5
E5698074 (5045141)		<1	33.8	<5
E5698075 (5045142)		<1	24.4	<5
E5698076 (5045143)		<1	21.6	<5
E5698077 (5045144)		2	24.0	<5
E5698078 (5045145)		2	31.9	<5
E5698079 (5045146)		3	11.7	<5
E5698080 (5045147)		2	10.8	<5
E5698081 (5045148)		3	12.0	<5
E5698082 (5045149)		3	11.4	<5
E5698083 (5045150)		2	16.5	<5
E5698084 (5045151)		2	23.9	<5
E5698085 (5045152)		2	35.1	<5
E5698086 (5045153)		3	33.9	<5
E5698087 (5045154)		2	7.1	<5
E5698088 (5045155)		2	31.8	<5
E5698089 (5045156)		<1	23.8	<5
E5698090 (5045157)		<1	33.1	<5
E5698091 (5045158)		<1	3.8	<5
E5698092 (5045159)		2	6.1	<5
E5698093 (5045160)		1	3.3	<5
E5698094 (5045161)		2	6.1	<5
E5698095 (5045162)		2	10.2	<5

Certified By:

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ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013	DATE REPORTED: Jan 07, 2014	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5698096 (5045163)	4	31.7	<5	
E5698097 (5045164)	28	27.0	<5	
E5698098 (5045165)	3	33.6	<5	
E5698099 (5045166)	2	33.7	<5	
E5698100 (5045167)	2	19.8	<5	
E5698101 (5045168)	5	19.7	<5	
E5698102 (5045169)	1	4.7	<5	
E5698103 (5045170)	1	27.9	<5	
E5698104 (5045171)	1	5.8	<5	
E5698105 (5045172)	<1	21.1	<5	
E5698106 (5045173)	<1	31.0	<5	
E5698107 (5045174)	3	17.5	<5	
E5698108 (5045175)	3	17.3	<5	
E5698109 (5045176)	4	16.2	<5	
E5698110 (5045177)	4	20.9	<5	
E5698111 (5045178)	4	19.8	<5	
E5698112 (5045179)	4	31.1	<5	
E5698113 (5045180)	2	39.7	<5	
E5698114 (5045181)	2	43.9	<5	
E5698115 (5045182)	4	36.7	<5	
E5698116 (5045183)	3	22.4	<5	
E5698117 (5045184)	1	7.4	<5	
E5698118 (5045185)	1	22.8	<5	
E5698119 (5045186)	<1	19.9	<5	
E5698120 (5045187)	<1	26.7	<5	
E5698121 (5045188)	<1	19.9	<5	
E5698122 (5045189)	2	13.8	<5	
E5698123 (5045190)	1	50.1	<5	
E5698124 (5045191)	3	24.1	<5	
E5698125 (5045192)	3	28.5	<5	
E5698126 (5045193)	3	29.6	<5	
E5698127 (5045194)	2	17.1	<5	

Certified By:

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## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013	DATE REPORTED: Jan 07, 2014	SAMPLE TYPE: Soil	
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5698128 (5045195)		2	42.6	<5
E5698129 (5045196)		2	45.3	<5
E5698130 (5045197)		2	15.2	<5
E5698131 (5045198)		2	55.4	<5
E5698132 (5045199)		2	7.7	<5
E5698133 (5045200)		<1	36.2	<5
E5698134 (5045201)		<1	31.2	<5
E5698135 (5045202)		<1	20.1	<5
E5698136 (5045203)		<1	17.4	<5
E5698137 (5045204)		2	8.8	<5
E5698138 (5045205)		2	21.9	<5
E5698139 (5045206)		3	14.7	<5
E5698140 (5045207)		2	16.5	<5
E5698141 (5045208)		4	35.8	6
E5698142 (5045209)		3	24.6	<5
E5698143 (5045210)		4	13.6	<5
E5698144 (5045211)		4	23.1	<5
E5698145 (5045212)		2	13.6	<5
E5698146 (5045213)		2	20.1	<5
E5698147 (5045214)		3	28.7	6
E5698148 (5045215)		2	27.5	<5
E5698149 (5045216)		<1	19.2	<5
E5698150 (5045217)		<1	24.6	<5
E5698151 (5045218)		<1	15.2	<5
E5698152 (5045219)		3	30.5	<5
E5698153 (5045220)		2	27.2	<5
E5698154 (5045221)		3	33.3	<5
E5698155 (5045222)		5	65.5	<5
E5698156 (5045223)		3	22.8	7
E5698157 (5045224)		5	33.4	5
E5698158 (5045225)		5	35.9	<5
E5698159 (5045226)		1	11.9	<5

Certified By:

*Ron Cardinal*



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Dec 11, 2013	DATE RECEIVED: Dec 11, 2013	DATE REPORTED: Jan 07, 2014	SAMPLE TYPE: Soil	
Analyte:	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	
RDL:	1	0.5	5	
Sample ID (AGAT ID)				
E5698160 (5045227)	3	19.3	<5	
E5698161 (5045228)	2	15.8	<5	
E5698162 (5045229)	2	19.9	<5	
E5698163 (5045230)	3	19.4	<5	
E5698164 (5045231)	<1	17.7	<5	
E5698165 (5045232)	<1	26.3	<5	
E5698166 (5045233)	<1	45.7	<5	
E5698167 (5045234)	2	12.9	<5	
E5698168 (5045235)	2	11.1	<5	
E5698169 (5045236)	3	19.9	<5	
E5698170 (5045237)	2	10.3	<5	
E5698171 (5045238)	3	36.7	<5	
E5698172 (5045239)	4	32.2	<5	
E5698173 (5045240)	3	10.2	<5	
E5698174 (5045241)	2	21.6	<5	
E5698175 (5045242)	2	23.7	<5	
E5698176 (5045243)	2	17.2	<5	
E5698177 (5045244)	2	10.1	<5	
E5698178 (5045245)	20	54.3	<5	
E5698179 (5045246)	1	24.9	<5	
E5698180 (5045247)	<1	35.5	<5	
E5698181 (5045248)	<1	16.2	<5	

Comments: RDL - Reported Detection Limit

Certified By:

*Ron Cardinal*



## Certificate of Analysis

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
		0.01	0.001
E5698032 (5045098)		0.50	<0.001
E5698033 (5045099)		0.46	0.004
E5698034 (5045100)		0.62	0.010
E5698035 (5045101)		0.36	0.007
E5698036 (5045102)		0.54	0.553
E5698037 (5045103)		0.44	0.005
E5698038 (5045104)		0.26	0.009
E5698039 (5045105)		0.28	0.005
E5698040 (5045106)		0.40	0.005
E5698041 (5045107)		0.20	0.009
E5698042 (5045108)		0.42	0.006
E5698043 (5045109)		0.22	0.009
E5698044 (5045110)		0.40	0.005
E5698045 (5045111)		0.32	0.003
E5698046 (5045112)		0.38	0.010
E5698047 (5045113)		0.62	0.037
E5698048 (5045114)		0.50	0.003
E5698049 (5045115)		0.44	1.10
E5698050 (5045117)		0.30	0.012
E5698051 (5045118)		0.70	0.002
E5698052 (5045119)		0.50	0.614
E5698053 (5045120)		0.28	0.010
E5698054 (5045121)		0.24	0.005
E5698055 (5045122)		0.28	0.017
E5698056 (5045123)		0.28	0.009
E5698057 (5045124)		0.40	0.003
E5698058 (5045125)		0.20	0.007
E5698059 (5045126)		0.34	0.006
E5698060 (5045127)		0.38	0.005
E5698061 (5045128)		0.36	0.003
E5698062 (5045129)		0.62	0.013

Certified By:

*Ron Cardinal*



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
		0.01	0.001
E5698063 (5045130)		0.58	<0.001
E5698064 (5045131)		0.24	0.002
E5698065 (5045132)		0.24	0.003
E5698066 (5045133)		0.58	0.005
E5698067 (5045134)		0.56	0.005
E5698068 (5045135)		0.32	0.004
E5698069 (5045136)		0.34	0.006
E5698070 (5045137)		0.36	0.016
E5698071 (5045138)		0.32	0.004
E5698072 (5045139)		0.44	0.005
E5698073 (5045140)		0.18	0.008
E5698074 (5045141)		0.34	0.004
E5698075 (5045142)		0.32	0.006
E5698076 (5045143)		0.38	0.006
E5698077 (5045144)		0.38	0.005
E5698078 (5045145)		0.28	0.007
E5698079 (5045146)		0.56	0.002
E5698080 (5045147)		0.56	0.003
E5698081 (5045148)		0.64	0.003
E5698082 (5045149)		0.68	0.002
E5698083 (5045150)		0.24	0.032
E5698084 (5045151)		0.36	0.006
E5698085 (5045152)		0.18	0.006
E5698086 (5045153)		0.20	0.003
E5698087 (5045154)		0.46	0.004
E5698088 (5045155)		0.22	0.004
E5698089 (5045156)		0.40	0.003
E5698090 (5045157)		0.20	0.077
E5698091 (5045158)		0.40	0.002
E5698092 (5045159)		0.48	0.002
E5698093 (5045160)		0.52	0.018

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 13U792876  
PROJECT NO: SOIL SAMPLING PROJECT

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

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
		0.01	0.001
E5698094 (5045161)		0.50	0.009
E5698095 (5045162)		0.50	0.015
E5698096 (5045163)		0.40	0.005
E5698097 (5045164)		0.40	0.008
E5698098 (5045165)		0.22	0.004
E5698099 (5045166)		0.28	0.006
E5698100 (5045167)		0.28	0.003
E5698101 (5045168)		0.22	0.003
E5698102 (5045169)		0.42	0.005
E5698103 (5045170)		0.18	0.007
E5698104 (5045171)		0.28	0.017
E5698105 (5045172)		0.28	0.041
E5698106 (5045173)		0.26	0.019
E5698107 (5045174)		0.48	0.002
E5698108 (5045175)		0.38	0.008
E5698109 (5045176)		0.68	0.005
E5698110 (5045177)		0.68	0.002
E5698111 (5045178)		0.48	0.033
E5698112 (5045179)		0.40	<0.001
E5698113 (5045180)		0.20	<0.001
E5698114 (5045181)		0.22	0.022
E5698115 (5045182)		0.22	<0.001
E5698116 (5045183)		0.20	<0.001
E5698117 (5045184)		0.24	<0.001
E5698118 (5045185)		0.22	<0.001
E5698119 (5045186)		0.48	<0.001
E5698120 (5045187)		0.24	<0.001
E5698121 (5045188)		0.38	<0.001
E5698122 (5045189)		0.40	<0.001
E5698123 (5045190)		0.32	0.023
E5698124 (5045191)		0.40	0.033

Certified By:

*Ron Cardinal*



## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

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### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5698125 (5045192)		0.42	0.037
E5698126 (5045193)		0.54	0.002
E5698127 (5045194)		0.48	0.003
E5698128 (5045195)		0.18	0.007
E5698129 (5045196)		0.22	0.008
E5698130 (5045197)		0.20	<0.001
E5698131 (5045198)		0.22	0.004
E5698132 (5045199)		0.44	0.001
E5698133 (5045200)		0.16	0.008
E5698134 (5045201)		0.40	0.004
E5698135 (5045202)		0.30	0.009
E5698136 (5045203)		0.34	0.005
E5698137 (5045204)		0.58	<0.001
E5698138 (5045205)		0.44	<0.001
E5698139 (5045206)		0.48	0.003
E5698140 (5045207)		0.54	0.016
E5698141 (5045208)		0.66	<0.001
E5698142 (5045209)		0.44	<0.001
E5698143 (5045210)		0.56	<0.001
E5698144 (5045211)		0.64	0.003
E5698145 (5045212)		0.32	0.001
E5698146 (5045213)		0.22	0.002
E5698147 (5045214)		0.42	0.002
E5698148 (5045215)		0.26	0.002
E5698149 (5045216)		0.32	0.006
E5698150 (5045217)		0.32	0.008
E5698151 (5045218)		0.34	0.006
E5698152 (5045219)		0.60	<0.001
E5698153 (5045220)		0.42	0.002
E5698154 (5045221)		0.28	0.002
E5698155 (5045222)		0.30	0.003

Certified By:

*Ron Cardinal*



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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

### Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 11, 2013

DATE RECEIVED: Dec 11, 2013

DATE REPORTED: Jan 07, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5698156 (5045223)		0.50	0.011
E5698157 (5045224)		0.44	0.002
E5698158 (5045225)		0.24	0.001
E5698159 (5045226)		0.40	<0.001
E5698160 (5045227)		0.38	0.001
E5698161 (5045228)		0.36	0.015
E5698162 (5045229)		0.32	0.006
E5698163 (5045230)		0.44	0.003
E5698164 (5045231)		0.36	0.007
E5698165 (5045232)		0.26	0.006
E5698166 (5045233)		0.42	0.005
E5698167 (5045234)		0.50	0.003
E5698168 (5045235)		0.38	0.013
E5698169 (5045236)		0.46	0.045
E5698170 (5045237)		0.44	0.004
E5698171 (5045238)		0.40	0.004
E5698172 (5045239)		0.30	0.002
E5698173 (5045240)		0.46	0.007
E5698174 (5045241)		0.60	0.025
E5698175 (5045242)		0.24	0.002
E5698176 (5045243)		0.24	0.104
E5698177 (5045244)		0.30	0.001
E5698178 (5045245)		0.32	0.010
E5698179 (5045246)		0.42	0.006
E5698180 (5045247)		0.28	0.006
E5698181 (5045248)		0.30	0.051

Comments: RDL - Reported Detection Limit

Certified By:

*Ron Cardinal*





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

## Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	E5698032	< 0.2	< 0.2	0.0%	E5698050	< 0.2	< 0.2	0.0%	E5698072	< 0.2	< 0.2	0.0%				
Al	E5698032	1.41	1.47	4.2%	E5698050	1.14	1.14	0.0%	E5698072	0.643	0.663	3.1%				
As	E5698032	10	12	18.2%	E5698050	< 1	< 1		E5698072	1	< 1					
B	E5698032	< 5	< 5	0.0%	E5698050	< 5	< 5	0.0%	E5698072	< 5	< 5	0.0%				
Ba	E5698032	25	28	11.3%	E5698050	61	62	1.6%	E5698072	16	16	0.0%				
Be	E5698032	< 0.5	< 0.5	0.0%	E5698050	< 0.5	< 0.5	0.0%	E5698072	< 0.5	< 0.5	0.0%				
Bi	E5698032	< 1	< 1	0.0%	E5698050	< 1	< 1	0.0%	E5698072	< 1	< 1	0.0%				
Ca	E5698032	0.59	0.63	6.6%	E5698050	0.206	0.204	1.0%	E5698072	0.195	0.194	0.5%				
Cd	E5698032	< 0.5	< 0.5	0.0%	E5698050	0.64	0.70	9.0%	E5698072	< 0.5	< 0.5	0.0%				
Ce	E5698032	9	12	28.6%	E5698050	12	13	8.0%	E5698072	18	16	11.8%				
Co	E5698032	13.3	14.9	11.3%	E5698050	14.9	15.1	1.3%	E5698072	4.4	4.5	2.2%				
Cr	E5698032	111	117	5.3%	E5698050	133	143	7.2%	E5698072	43.9	43.8	0.2%				
Cu	E5698032	10.4	9.0	14.4%	E5698050	36.4	36.9	1.4%	E5698072	7.2	7.4	2.7%				
Fe	E5698032	2.93	3.06	4.3%	E5698050	3.71	3.78	1.9%	E5698072	0.86	0.88	2.3%				
Ga	E5698032	< 5	< 5	0.0%	E5698050	5	5	0.0%	E5698072	< 5	< 5	0.0%				
Hg	E5698032	< 1	< 1	0.0%	E5698050	4	2	66.7%	E5698072	< 1	3					
In	E5698032	< 1	< 1	0.0%	E5698050	< 1	< 1	0.0%	E5698072	< 1	< 1	0.0%				
K	E5698032	0.063	0.066	4.7%	E5698050	0.08	0.08	0.0%	E5698072	0.02	0.02	0.0%				
La	E5698032	8	9	11.8%	E5698050	7	7	0.0%	E5698072	8	7	13.3%				
Li	E5698032	8	8	0.0%	E5698050	2	2	0.0%	E5698072	5	5	0.0%				
Mg	E5698032	0.931	1.00	7.1%	E5698050	0.20	0.20	0.0%	E5698072	0.24	0.24	0.0%				
Mn	E5698032	311	328	5.3%	E5698050	200	205	2.5%	E5698072	53	53	0.0%				
Mo	E5698032	3.99	3.12	24.5%	E5698050	1.95	2.15	9.8%	E5698072	< 0.5	< 0.5	0.0%				
Na	E5698032	0.06	0.06	0.0%	E5698050	0.01	0.01	0.0%	E5698072	< 0.01	< 0.01	0.0%				
Ni	E5698032	44.1	47.3	7.0%	E5698050	113	120	6.0%	E5698072	30.1	30.8	2.3%				
P	E5698032	170	204	18.2%	E5698050	817	856	4.7%	E5698072	346	328	5.3%				
Pb	E5698032	10.6	11.2	5.5%	E5698050	28.6	26.5	7.6%	E5698072	2.5	4.3					
Rb	E5698032	< 10	< 10	0.0%	E5698050	< 10	< 10	0.0%	E5698072	< 10	< 10	0.0%				
S	E5698032	0.0111	0.0102	8.5%	E5698050	0.104	0.105	1.0%	E5698072	0.0053	0.0063	17.2%				
Sb	E5698032	< 1	< 1	0.0%	E5698050	< 1	< 1	0.0%	E5698072	4	< 1					
Sc	E5698032	4.64	5.50	17.0%	E5698050	3.47	3.66	5.3%	E5698072	1.7	1.7	0.0%				



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

Se	E5698032	< 10	< 10	0.0%	E5698050	< 10	< 10	0.0%	E5698072	< 10	< 10	0.0%				
Sn	E5698032	11	9	20.0%	E5698050	< 5	< 5	0.0%	E5698072	< 5	< 5	0.0%				
Sr	E5698032	16.1	17.3	7.2%	E5698050	19.8	18.7	5.7%	E5698072	7.44	9.25	21.7%				
Ta	E5698032	< 10	< 10	0.0%	E5698050	< 10	< 10	0.0%	E5698072	< 10	< 10	0.0%				
Te	E5698032	< 10	< 10	0.0%	E5698050	< 10	< 10	0.0%	E5698072	< 10	< 10	0.0%				
Th	E5698032	< 5	< 5	0.0%	E5698050	< 5	< 5	0.0%	E5698072	< 5	< 5	0.0%				
Ti	E5698032	0.17	0.18	5.7%	E5698050	0.06	0.06	0.0%	E5698072	0.07	0.07	0.0%				
Tl	E5698032	< 5	< 5	0.0%	E5698050	< 5	< 5	0.0%	E5698072	12	9	28.6%				
U	E5698032	< 5	< 5	0.0%	E5698050	< 5	< 5	0.0%	E5698072	< 5	< 5	0.0%				
V	E5698032	74.7	79.8	6.6%	E5698050	44.1	45.9	4.0%	E5698072	24.2	24.5	1.2%				
W	E5698032	< 1	< 1	0.0%	E5698050	< 1	< 1	0.0%	E5698072	< 1	< 1	0.0%				
Y	E5698032	4	4	0.0%	E5698050	3	3	0.0%	E5698072	3	3	0.0%				
Zn	E5698032	30.4	31.5	3.6%	E5698050	34.4	34.9	1.4%	E5698072	12.5	13.8	9.9%				
Zr	E5698032	6	7	15.4%	E5698050	< 5	< 5	0.0%	E5698072	< 5	< 5	0.0%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

	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	E5698109	0.005	0.005	0.0%	E5698120	< 0.001	< 0.001	0.0%	E5698130	< 0.001	< 0.001	0.0%	E5698136	0.005	0.016	
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E5698143	< 0.001	0.002		E5698155	0.003	0.002	40.0%	E5698156	0.011	0.003		E5698170	0.004	0.002	



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

**Aqua Regia Digest - Metals Package, ICP-OES finish (201073)**

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (1P5K)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	198	108%	90% - 110%	184	190	103%	90% - 110%	184	190	103%	90% - 110%				
Cu	3494	3471	99%	90% - 110%	3494	3513	101%	90% - 110%	3494	3442	99%	90% - 110%				
Ni	2985	3139	105%	90% - 110%	2985	3044	102%	90% - 110%	2985	3082	103%	90% - 110%				

**Fire Assay - Trace Au, ICP-OES finish (202052)**

Parameter	CRM #1 (1P5K)				CRM #2 (GS6D)				CRM #3 (CM14)				CRM #4 (1P5K)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.41	98%	90% - 110%	6.09	5.92	97%	90% - 110%	0.792	0.753	95%	90% - 110%	1.44	1.34	93%	90% - 110%
CRM #5 (CM14)																
Parameter	Expect	Actual	Recovery	Limits												
Au	0.792	0.826	104%	90% - 110%												

## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 13U792876

PROJECT NO: SOIL SAMPLING PROJECT

ATTENTION TO: Craig Todd

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES