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# Summary Report

## On Diamond Drilling

**L42906-07, L42910-11**

On The

### **GARRISON CREEK PROPERTY**

Garrison Township

Ontario, Canada

Larder Lake Mining Division

95 Wellington Street West, Suite 1430

Toronto, Ontario Canada M5J 2N7

**October 4, 2016**  
John McKenzie

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## **Introduction**

This assessment report summarizes the 2014 drill program on patents L42906-07, L42910 & L42911. A 4 hole, 2113 metre surface diamond drilling program was completed on the Garrison Creek Property between October 15, 2014 and December 3, 2014. The 2014 drill program focused on primarily on the gold bearing Garrison Creek Syenite intrusive body. The goal of the program was to extend zones of mineralization indicated from previous drilling. These zones are typically comprised of narrow, tensional q-c veins ranging in size from 10cm to >1.0m.

## **Location and Access**

The Garrison property is located in Garrison Township, approximately 43 km east of Matheson. **Figure 1** shows the location of the Garrison property within Ontario. The property can be accessed by going east on Highway 101 east and then turning onto a bush/logging road which trends south from Provincial highway 101. See **Figure 2** for the property location within Garrison Township.

## **Previous Work**

Historical exploration on the Garrison PJV Coniagas property consisted of geophysical surveying, and diamond drilling.

As early as 1947, Inscar Gold Mines drilled 12 holes on part of the Jonpol option. No record of assays is available.

From 1979 to 1988, Falconbridge acquired an option on the property and carried out geophysical surveys and drilling.

From 1986 to 1987 the area received considerable work, mostly on the Jonpol patents. Magnetic and VLF EM surveys and diamond drilling of 18 holes was completed.

Coastora Resources drilled 17 holes on the Monroe fault in 1987. During the same period, Cream Silver Mines drill 10 holes adjacent to the Garrison Stock.

From 1987 to 1988, Meridor Resources drilled 5 holes near the eastern boundary and the Garrison Stock.

In 1996, Moneta completed an IP survey, 49 kms of line cutting and 4 diamond drill holes based on geophysical anomalies. The best result came from MG-96-2 at 1.414 gpt over 1.0 metres from an altered sediment.

From 1996 to 2000, Pentland Firth Ventures carried out a 5 hole drill program and ground geophysics.

From 2003 to 2005, Royal Victoria Minerals drilled 11 holes in various parts of the property.

In 2005-2010, SAS entered a joint venture on Garrison Creek and drilled a series of holes on the property, earning its interest. In 2013, the property ownership was transferred in full to SAS Goldmines.

## **Regional Geology**

Garrison Township lies in the Abitibi Greenstone Belt of Archean age and is composed of metavolcanic and metasedimentary rocks and a variety of associated intrusives. Garrison and other adjacent townships are commonly drift covered by up to 100m. Deposits of sand are wide spread, especially occurring as eskers and forming kettle lakes. The area in Garrison Township lying south of the Destor Porcupine Fault is underlain by the north limb of the Blake River Synclinorium. Rocks within the limb consist of tholeiitic basaltic rocks of the Kinojevis Group. The flows vary from coarse to fine grained and are massive to pillowed. They vary from iron rich flows to magnesium rich non-magnetic flows and are commonly interbedded with intermediate to felsic tuffs, flows, chemical and clastic sediments. North of the Destor Porcupine Fault and within it the Kinojevis Groups abuts ultramafic and clastic sediments.

## **Property Geology**

The property is underlain by all geological units described in the regional geology section. The southern claims are underlain predominantly by the Garrison Stock and marginal to porphyry dikes. These rocks are monzonitic to syenitic in composition and generally Na (Soda) rich. Locally the stock hosts gold bearing quartz veins. Disseminated sulphides are common and as indicated by previous drilling may contain anomalous gold and molybdenum. The central part of the property is hosted by mafic/ultramafic volcanics and accompanying sediments. The Monroe Fault and Destor Porcupine Faults traverse these units and generally host erratic but significant gold mineralization. All units are locally altered and appear to contain anomalous gold. The sediments comprise arkosic to quartzitic units, banded iron formation and argillite. The northern claims that straddle the North Garrison boundary are thought to be underlain by ultramafics and sediments.

## **Diamond Drilling**

Drilling on the Garrison property was conducted by Orbit Garant, and commenced on October 15, 2014, and finished December 3, 2014. A total of 2113m of core was drilled. Drill core was picked up by SAS employees at the drill site and brought to the exploration office in Matheson, Ontario. The core was logged by Sophie Chartrand and Courtland Betts. Logs for the 4 diamond drill holes completed in the program have been included in **Appendix 1**. Sampled core was cut by Yvan La belle. The split core is stored at the Matheson exploration office. The drill program was planned and supervised by John McKenzie. Analyses of a total of 1673 samples were conducted by AGAT Laboratories (Mississauga, ON). Assay certificates have been filed in **Appendix 2**.

## **Drilling Summary**

The Garrison Creek 2014 drill program focused exclusively on mineralization hosted in quartz veins associated with a syenitic pluton. As mentioned previously Au values are associated with tensional veining features containing, minor sulphide mineralization and little to no alteration within the host rock. The intent of the program was to identify similar gold bearing feature along strike, SE of the known mineralization.

Refer to **Figure 3** for drill hole Locations and **Appendix 3** for Drill hole Sections. The associated Geological Legend is attached as **Figure 4**.

### **Conclusion**

As has been seen throughout the Syenitic pluton on the Garrison Creek property, elevated Au values are present. However due to the tensional nature of the veining features, lack of alteration and scant mineralization, all attempts at defining a valid “ore body” outline have come up short. Further work at this point is not recommended within this immediate location.

## References

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Summary Report on Garrison Creek Consolidated Mines Limited, Properties in the Lightning River area. Michaud, Garrison and Guibord Townships. 6p. March 3<sup>rd</sup>, 1955.


Kovacs, L. I. (2007). *PJV-Coniagas Property Fifth Year Summary Report*. Matheson: St Andrew Goldfields LTD .

Michaud, M. (2007). *Moneta JV Garrison Property Diamond Drill Report*. Matheson: St Andrew Goldfields LTD.

### 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 Barnet 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.

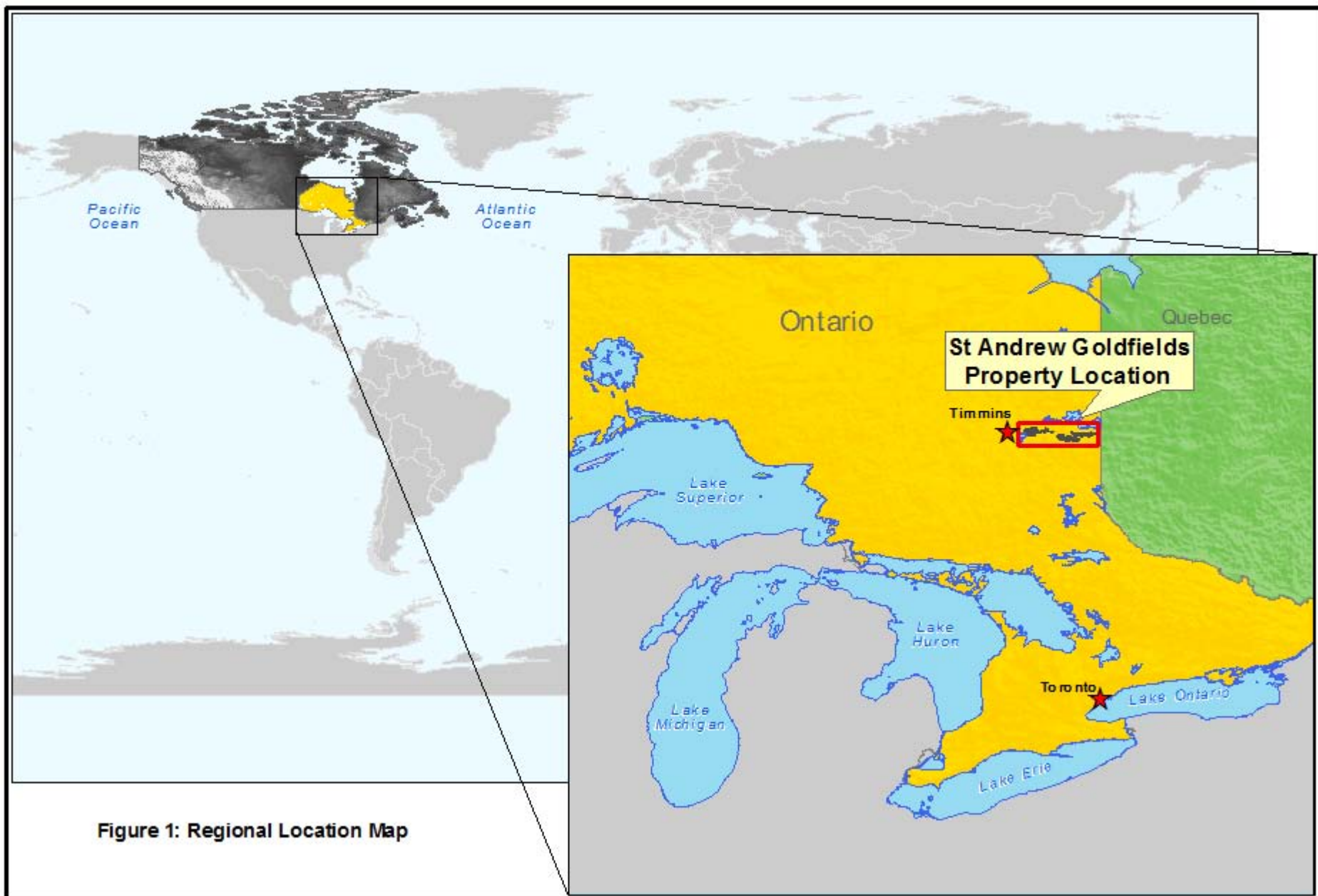
October 4, 2016

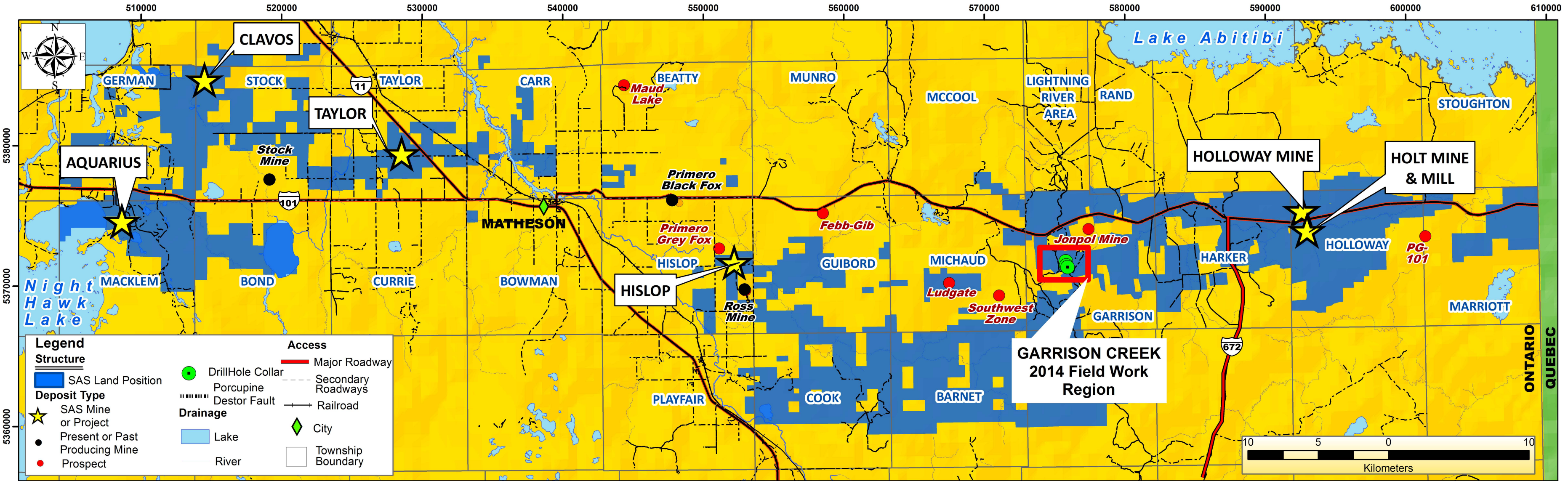


John McKenzie

Senior Exploration Technician

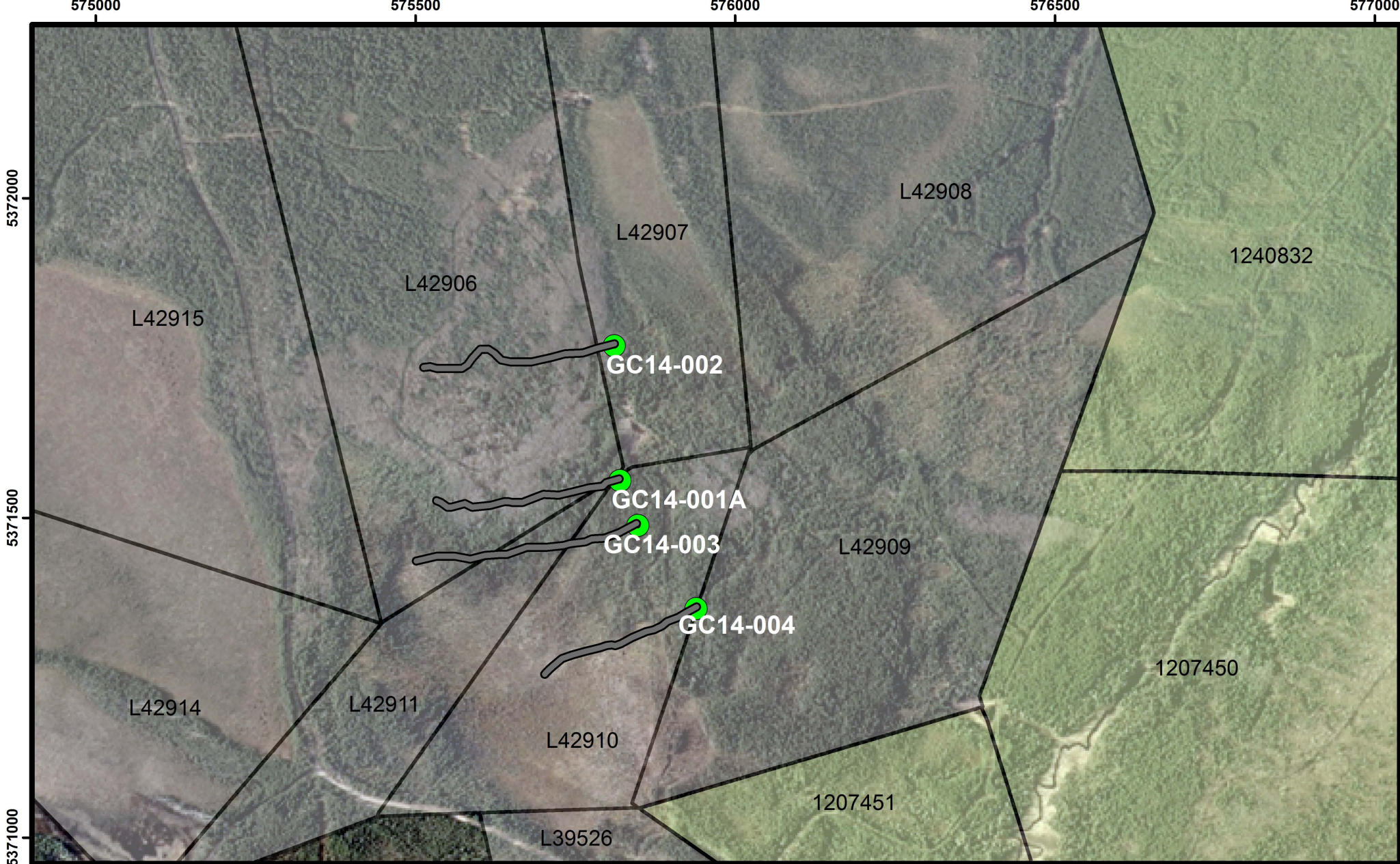







**Figure 2: Garrison Creek Project 2014 Field Property Location and Access**

Datum: NAD 83 ZONE 17



**Legend**

-  SAS Claims
-  SAS Leases
-  SAS Patented
-  Drillhole Collars
-  Drillhole Traces


**St Andrew Goldfields Ltd.**  
**Northeastern Ontario**  
*Garrison Township - Garrison Creek Project*  
**Figure 3: 2014 Drilling**

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Datum: NAD 83 Zone 17

---

0 62.5 125 250 375 500



Meters



**SAS**  
 ST ANDREW GOLDFIELDS LTD.



### GEOLOGY LEGEND

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

Figure 4



## **Appendix 1**

### **Diamond Drill Logs**

# DETAILED LOG

Hole Number: **GC14-001A**

Units: METRIC

Project Name: Garrison Creek	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -60.00
Project Number: GARRISON	North: 5371558.00	North:	Collar Az: 250.00
Location: Garrison Township	East: 575820.00	East:	Length: 521.50
	Elev: 300.00	Elev:	Start Depth: 0.00
Date Started: Nov 02, 2014	Collar Survey: N	Plugged: N	Contractor: Garant
Date Completed: Nov 13, 2014	Multishot Survey: N	Hole Size: NQ	Core Storage: Exploration
	Pulse EM Survey: N	Casing: YES	Final Depth: 521.50

Comments:

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	250.00	-60.00	EZ Sho	OK		60.00	252.30	-59.40	EZ Sho	OK	
102.00	252.00	-59.60	EZ Sho	OK		150.00	252.30	-59.30	EZ Sho	OK	
204.00	256.20	-59.20	EZ Sho	OK		249.00	258.20	-58.50	EZ Sho	OK	
300.00	256.30	-58.50	EZ Sho	OK		351.00	259.90	-58.10	EZ Sho	OK	
399.00	257.30	-57.90	EZ Sho	OK		453.00	261.30	-57.00	EZ Sho	OK	
501.00	260.50	-56.50	EZ Sho	OK		521.00	263.10	-56.00	EZ Sho	OK	

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
0.00	37.20	HPO, OVERBURDEN 37.2 m of overburden					

**DETAILED LOG**

Hole Number: **GC14-001A**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
37.20	118.90	<p><b>ISO, SYENITIC INTRUSIVE</b>                      Light to dark reddish brown fine to medium grained syenitic intrusive with weak patchy magnetism. Minor sections up too 15cm of mafics can be found within the syenite down to 60m. the first 78m of the syenite is broken and blocky. Moderate pervasive hematite alteration, moderate patchesof chlorite, weak patchy sericite alterations occur throughout. Weak Qtz/Carb stringers can be found throughout. Trace-0.5% very fine grained fracture controlled pyrite can be found locally.</p> <p><b>MINOR INTERVALS:</b>  <b>Minor Interval:</b>                      37.20 - 60.00 VMO, MAFIC VOLCANIC UNDIVIDED                      Dark green sections and clasts of mafic volcanics. Moderate pervasive chlorite, no significant change in veining or sulphides.</p>	E603166	37.20	38.00	0.80	0.00
			E603167	38.00	39.00	1.00	0.00
			E603168	39.00	40.50	1.50	0.00
			E603169	40.50	42.00	1.50	0.00
			E603170	42.00	43.50	1.50	0.00
			E603171	43.50	45.00	1.50	0.01
			E603172	45.00	46.50	1.50	0.00
			E603173	46.50	48.00	1.50	0.05
			E603174	48.00	49.50	1.50	0.00
			E603176	49.50	51.00	1.50	0.01
			E603177	51.00	52.50	1.50	0.09
			E603178	52.50	54.00	1.50	0.01
			E603179	54.00	55.50	1.50	0.01
			E603180	55.50	57.00	1.50	0.06
			E603181	57.00	58.50	1.50	0.01
			E603182	58.50	60.00	1.50	0.00
			E603183	60.00	61.50	1.50	0.00
			E603184	61.50	63.00	1.50	0.00
			E603186	63.00	64.50	1.50	0.03
			E603187	64.50	66.00	1.50	0.01
			E603188	66.00	67.50	1.50	0.01
			E603189	67.50	69.00	1.50	0.01
			E603190	69.00	70.50	1.50	0.01
			E603191	70.50	72.00	1.50	0.00
			E603192	72.00	73.50	1.50	2.41
			E603193	73.50	75.00	1.50	0.00
			E603194	75.00	76.50	1.50	0.01
			E603196	76.50	78.00	1.50	0.00
			E603983	78.00	79.50	1.50	0.08
			E603198	79.50	81.00	1.50	0.11
			E603199	81.00	82.50	1.50	0.07
			E603200	82.50	84.00	1.50	0.06
		E603201	84.00	85.50	1.50	0.59	
		E603202	85.50	87.00	1.50	1.76	
		E603203	87.00	88.50	1.50	0.68	
		E603204	88.50	90.00	1.50	0.45	
		E603206	90.00	91.50	1.50	0.01	
		E603207	91.50	93.00	1.50	0.04	
		E603208	93.00	94.50	1.50	0.14	
		E603209	94.50	95.60	1.10	0.13	
		E603210	95.60	97.00	1.40	0.21	
		E603211	97.00	98.30	1.30	0.01	

## DETAILED LOG

Hole Number: GC14-001A

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603212	98.30	99.40	1.10	0.09
			E603213	99.40	100.40	1.00	0.02
			E603214	100.40	101.50	1.10	0.02
			E603216	101.50	102.20	0.70	0.03
			E603217	102.20	103.50	1.30	0.02
			E603218	103.50	105.00	1.50	0.02
			E603219	105.00	106.50	1.50	0.03
			E603220	106.50	108.00	1.50	0.01
			E603221	108.00	109.50	1.50	0.01
			E603222	109.50	111.00	1.50	0.03
			E603223	111.00	112.50	1.50	0.22
			E603224	112.50	113.00	0.50	0.51
			E603226	113.00	113.50	0.50	0.87
			E603227	113.50	114.00	0.50	0.40
			E603228	114.00	115.50	1.50	0.40
			E603229	115.50	117.00	1.50	0.35
			E603230	117.00	118.30	1.30	0.03
			E603231	118.30	118.90	0.60	0.04
118.90	146.70	<b>ISO, SYENITIC INTRUSIVE</b>	E603232	118.90	120.00	1.10	0.01
		Dark reddish brown medium to coarse grained syenitic intrusive with weak patchy magnetism. Dark grey to black sections of mafics occur throughout the syenitic unit in sections and small subangular clasts. Unit is broken and blocky. Moderate pervasive hematite and moderate patches of pervasive chlorite within mafics. weak carbonate stringers and variable angles TCA. 0.5-1% very fine grained and disseminated pyrite throughout locally up to 1%.	E603233	120.00	121.00	1.00	0.00
		<b>MINOR INTERVALS:</b>	E603234	121.00	122.10	1.10	0.00
		<b>Minor Interval:</b>	E603236	122.10	123.00	0.90	0.07
		118.90 - 146.70 VMO, MAFIC VOLCANIC UNDIVIDED	E603237	123.00	124.50	1.50	0.00
		Dark grey to black sections and subangular clasts throughout section. no significant increase or change in sulphides or veining	E603238	124.50	126.00	1.50	0.02
			E603239	126.00	127.50	1.50	0.00
			E603240	127.50	129.00	1.50	0.00
			E603241	129.00	130.50	1.50	0.01
			E603242	130.50	132.00	1.50	0.05
			E603243	132.00	133.50	1.50	0.00
			E603244	133.50	135.00	1.50	0.01
			E603246	135.00	136.50	1.50	0.04
			E603247	136.50	138.00	1.50	0.00
			E603248	138.00	139.50	1.50	0.00
			E603249	139.50	140.50	1.00	0.01
			E603250	140.50	141.00	0.50	0.00
			E603251	141.00	142.50	1.50	0.01
			E603252	142.50	144.00	1.50	0.01
			E603253	144.00	145.50	1.50	0.01
			E603254	145.50	146.70	1.20	1.52



## DETAILED LOG

Hole Number: GC14-001A

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
146.70	521.50	<b>ISO, SYENITIC INTRUSIVE</b> Light to dark reddish brown medium to coarse grained syenitic intrusive with weak patchy magnetism. Moderate pervasive hematite alteration, moderate patchy chlorite. Weak Qtz/Carb stringers can be found throughout. Lower in the unit Qtz Carb veinlets and veins occur with increased chlorite and sericite alteration around larger veins. Trace-0.5% very fine grained fracture controlled pyrite can be found locally. EOH	E603256	146.70	147.50	0.80	0.15
			E603257	147.50	148.50	1.00	0.03
			E603258	148.50	150.00	1.50	0.06
			E603259	150.00	151.50	1.50	0.05
			E603260	151.50	153.00	1.50	0.05
			E603261	153.00	154.50	1.50	0.07
			E603262	154.50	156.00	1.50	0.05
			E603263	156.00	157.50	1.50	0.04
			E603264	157.50	159.00	1.50	0.60
			E603266	159.00	160.50	1.50	0.01
			E603267	160.50	162.00	1.50	0.01
			E603268	162.00	163.50	1.50	0.03
			E603269	163.50	165.00	1.50	0.03
			E603270	165.00	166.50	1.50	0.03
			E603271	166.50	168.00	1.50	0.02
			E603272	168.00	169.50	1.50	0.02
			E603273	169.50	171.00	1.50	0.03
			E603274	171.00	172.50	1.50	0.12
			E603276	172.50	174.00	1.50	0.01
			E603277	174.00	175.50	1.50	0.01
			E603278	175.50	177.00	1.50	0.00
			E603279	177.00	178.50	1.50	0.00
			E603280	178.50	180.00	1.50	0.02
			E603281	180.00	181.50	1.50	0.06
			E603282	181.50	183.00	1.50	0.01
			E603283	183.00	184.50	1.50	0.04
			E603284	184.50	186.00	1.50	0.05
			E603286	186.00	187.50	1.50	0.02
			E603287	187.50	189.00	1.50	0.01
			E603288	189.00	190.50	1.50	0.15
			E603289	190.50	191.80	1.30	0.04
			E603290	191.80	192.90	1.10	0.01
			E603291	192.90	194.00	1.10	0.00
		E603292	194.00	195.00	1.00	0.03	
		E603293	195.00	196.50	1.50	0.01	
		E603294	196.50	198.00	1.50	0.00	
		E603296	198.00	199.50	1.50	0.02	
		E603297	199.50	200.30	0.80	0.00	
		E603298	200.30	201.00	0.70	0.11	
		E603299	201.00	201.90	0.90	0.01	
		E603300	201.90	202.50	0.60	0.08	
		E603301	202.50	204.00	1.50	0.20	

## DETAILED LOG

Hole Number: GC14-001A

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603302	204.00	205.50	1.50	0.08
			E603303	205.50	206.30	0.80	2.31
			E603304	206.30	207.00	0.70	0.05
			E603305	207.00	207.90	0.90	0.26
			E603306	207.90	209.20	1.30	0.03
			E603307	209.20	209.90	0.70	0.17
			E603308	209.90	211.40	1.50	0.01
			E603309	211.40	212.20	0.80	0.09
			E603310	212.20	213.00	0.80	0.00
			E603311	213.00	213.80	0.80	0.43
			E603312	213.80	214.50	0.70	0.08
			E603313	214.50	215.00	0.50	0.13
			E603314	215.00	216.00	1.00	0.01
			E603316	216.00	217.50	1.50	0.01
			E603317	217.50	219.00	1.50	0.01
			E603318	219.00	220.50	1.50	0.53
			E603319	220.50	221.10	0.60	4.76
			E603320	221.10	222.00	0.90	0.29
			E603321	222.00	223.50	1.50	0.14
			E603322	223.50	225.00	1.50	0.16
			E603323	225.00	226.50	1.50	0.09
			E603324	226.50	228.00	1.50	0.00
			E603326	228.00	229.50	1.50	0.32
			E603327	229.50	231.00	1.50	0.16
			E603328	231.00	232.00	1.00	0.09
			E603329	232.00	232.50	0.50	0.13
			E603330	232.50	234.00	1.50	0.04
			E603331	234.00	235.50	1.50	0.06
			E603332	235.50	236.00	0.50	0.49
			E603333	236.00	237.00	1.00	0.03
			E603334	237.00	238.50	1.50	0.30
			E603336	238.50	240.00	1.50	0.16
			E603337	240.00	241.50	1.50	0.02
			E603338	241.50	242.10	0.60	0.24
			E603339	242.10	243.00	0.90	0.02
			E603340	243.00	244.50	1.50	0.13
			E603341	244.50	246.00	1.50	0.05
			E603342	246.00	247.10	1.10	0.09
			E603343	247.10	247.90	0.80	1.11
			E603344	247.90	249.00	1.10	0.11
			E603346	249.00	250.50	1.50	1.05
			E603347	250.50	252.00	1.50	0.04

## DETAILED LOG

Hole Number: GC14-001A

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603348	252.00	253.50	1.50	0.10
			E603349	253.50	255.00	1.50	0.12
			E603350	255.00	255.60	0.60	0.24
			E603351	255.60	256.50	0.90	0.18
			E603352	256.50	258.00	1.50	0.38
			E603353	258.00	259.50	1.50	0.04
			E603354	259.50	261.00	1.50	0.01
			E603356	261.00	262.50	1.50	0.00
			E603357	262.50	264.00	1.50	0.11
			E603358	264.00	264.90	0.90	0.14
			E603359	264.90	265.50	0.60	0.40
			E603360	265.50	267.00	1.50	0.25
			E603361	267.00	267.80	0.80	0.10
			E603362	267.80	268.50	0.70	0.04
			E603363	268.50	270.00	1.50	0.04
			E603364	270.00	271.50	1.50	0.10
			E603366	271.50	273.00	1.50	0.06
			E603367	273.00	274.50	1.50	0.01
			E603368	274.50	276.00	1.50	0.01
			E603369	276.00	277.50	1.50	0.03
			E603370	277.50	279.00	1.50	0.02
			E603371	279.00	280.50	1.50	0.07
			E603372	280.50	282.00	1.50	0.52
			E603373	282.00	283.50	1.50	0.00
			E603374	283.50	285.00	1.50	0.05
			E603376	285.00	286.50	1.50	0.01
			E603377	286.50	288.00	1.50	0.01
			E603378	288.00	289.50	1.50	0.02
			E603379	289.50	291.00	1.50	0.06
			E603380	291.00	292.50	1.50	2.82
			E603381	292.50	293.30	0.80	0.05
			E603382	293.30	294.00	0.70	0.32
			E603383	294.00	294.80	0.80	0.01
			E603384	294.80	295.80	1.00	0.11
			E603386	295.80	297.00	1.20	0.02
			E603387	297.00	298.50	1.50	0.01
			E603388	298.50	300.00	1.50	0.02
			E603389	300.00	301.50	1.50	0.03
			E603390	301.50	303.00	1.50	0.06
			E603391	303.00	304.20	1.20	0.23
			E603392	304.20	305.60	1.40	0.14
			E603393	305.60	306.50	0.90	0.02

## DETAILED LOG

Hole Number: GC14-001A

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603394	306.50	307.50	1.00	0.07
			E603396	307.50	309.00	1.50	0.02
			E603397	309.00	310.50	1.50	0.03
			E603398	310.50	312.00	1.50	0.10
			E603399	312.00	313.50	1.50	0.05
			E603400	313.50	315.00	1.50	0.48
			E603401	315.00	316.50	1.50	0.10
			E603402	316.50	318.00	1.50	0.04
			E603403	318.00	319.50	1.50	0.00
			E603404	319.50	321.00	1.50	0.00
			E603405	321.00	322.50	1.50	0.03
			E603406	322.50	324.00	1.50	1.85
			E603407	324.00	325.50	1.50	0.12
			E603408	325.50	327.00	1.50	0.02
			E603409	327.00	328.50	1.50	0.12
			E603410	328.50	330.00	1.50	0.00
			E603411	330.00	331.50	1.50	0.00
			E603412	331.50	333.00	1.50	0.01
			E603413	333.00	334.50	1.50	0.01
			E603414	334.50	336.00	1.50	0.03
			E603416	336.00	337.50	1.50	0.01
			E603417	337.50	339.00	1.50	0.01
			E603418	339.00	340.50	1.50	0.04
			E603419	340.50	342.00	1.50	0.01
			E603420	342.00	343.50	1.50	0.01
			E603421	343.50	345.00	1.50	0.13
			E603422	345.00	346.50	1.50	0.00
			E603423	346.50	348.00	1.50	0.03
			E603424	348.00	349.50	1.50	0.09
			E603426	349.50	351.00	1.50	0.04
			E603427	351.00	352.50	1.50	0.75
			E603428	352.50	353.30	0.80	0.34
			E603429	353.30	354.00	0.70	0.01
			E603430	354.00	354.60	0.60	0.07
			E603431	354.60	355.30	0.70	0.01
			E603432	355.30	356.30	1.00	0.04
			E603433	356.30	357.00	0.70	0.01
			E603434	357.00	358.50	1.50	0.02
			E603436	358.50	360.00	1.50	0.01
			E603437	360.00	361.50	1.50	0.03
			E603438	361.50	363.00	1.50	0.01
			E603439	363.00	364.50	1.50	0.00

## DETAILED LOG

Hole Number: GC14-001A

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603440	364.50	366.00	1.50	0.03
			E603441	366.00	367.50	1.50	0.06
			E603442	367.50	369.00	1.50	0.08
			E603443	369.00	370.50	1.50	0.07
			E603444	370.50	372.00	1.50	0.02
			E603445	372.00	373.50	1.50	0.02
			E603446	373.50	375.00	1.50	0.03
			E603447	375.00	376.50	1.50	0.00
			E603448	376.50	378.00	1.50	0.01
			E603450	378.00	379.00	1.00	0.15
			E603451	379.00	379.50	0.50	0.06
			E603452	379.50	381.00	1.50	0.01
			E603453	381.00	382.50	1.50	0.01
			E603454	382.50	384.00	1.50	0.01
			E603456	384.00	385.50	1.50	0.00
			E603457	385.50	387.00	1.50	0.01
			E603458	387.00	388.50	1.50	1.18
			E603459	388.50	390.00	1.50	0.04
			E603460	390.00	391.50	1.50	0.00
			E603461	391.50	393.00	1.50	0.02
			E603462	393.00	394.50	1.50	0.04
			E603463	394.50	396.00	1.50	0.05
			E603464	396.00	397.50	1.50	0.01
			E603465	397.50	399.00	1.50	0.00
			E603467	399.00	400.50	1.50	0.00
			E603468	400.50	402.00	1.50	0.00
			E603469	402.00	403.50	1.50	0.01
			E603470	403.50	405.00	1.50	0.00
			E603471	405.00	406.50	1.50	0.03
			E603472	406.50	408.00	1.50	0.02
			E603473	408.00	409.50	1.50	0.01
			E603474	409.50	411.00	1.50	0.01
			E603475	411.00	412.50	1.50	0.01
			E603477	412.50	414.00	1.50	0.02
			E603478	414.00	415.50	1.50	0.00
			E603479	415.50	417.00	1.50	0.00
			E603480	417.00	418.50	1.50	0.03
			E603481	418.50	420.00	1.50	0.30
			E603482	420.00	421.50	1.50	0.01
			E603483	421.50	423.00	1.50	0.02
			E603484	423.00	424.50	1.50	0.21
			E603486	424.50	425.10	0.60	0.13

## DETAILED LOG

Hole Number: GC14-001A

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603487	425.10	426.00	0.90	1.36
			E603488	426.00	427.50	1.50	0.09
			E603489	427.50	429.00	1.50	0.05
			E603490	429.00	430.50	1.50	0.03
			E603491	430.50	432.00	1.50	0.05
			E603492	432.00	433.50	1.50	0.62
			E603493	433.50	435.00	1.50	0.16
			E603494	435.00	436.50	1.50	0.09
			E603496	436.50	438.00	1.50	0.10
			E603497	438.00	439.50	1.50	0.05
			E603498	439.50	441.00	1.50	0.02
			E603499	441.00	442.50	1.50	0.04
			E603500	442.50	444.00	1.50	0.04
			E603501	444.00	445.50	1.50	0.01
			E603502	445.50	447.00	1.50	0.04
			E603503	447.00	448.50	1.50	0.01
			E603504	448.50	450.00	1.50	0.00
			E603505	450.00	451.50	1.50	0.01
			E603506	451.50	453.00	1.50	0.00
			E603508	453.00	454.50	1.50	0.01
			E603509	454.50	456.00	1.50	0.06
			E603510	456.00	457.50	1.50	0.03
			E603511	457.50	459.00	1.50	0.01
			E603512	459.00	460.50	1.50	0.00
			E603513	460.50	462.00	1.50	0.01
			E603514	462.00	463.50	1.50	0.04
			E603515	463.50	465.00	1.50	0.00
			E603517	465.00	466.50	1.50	0.00
			E603518	466.50	468.00	1.50	0.01
			E603519	468.00	469.50	1.50	0.00
			E603520	469.50	471.00	1.50	0.00
			E603521	471.00	472.50	1.50	0.00
			E603522	472.50	474.00	1.50	0.00
			E603523	474.00	475.50	1.50	0.00
			E603524	475.50	477.00	1.50	0.00
			E603526	477.00	478.50	1.50	0.00
			E603527	478.50	480.00	1.50	0.01
			E603528	480.00	481.50	1.50	0.00
			E603529	481.50	483.00	1.50	0.00
			E603530	483.00	484.50	1.50	0.00
			E603531	484.50	486.00	1.50	0.01
			E603532	486.00	487.50	1.50	0.00

**DETAILED LOG**

Hole Number: **GC14-001A**

Units: **METRIC**

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603533	487.50	489.00	1.50	0.00
			E603534	489.00	490.50	1.50	0.00
			E603536	490.50	492.00	1.50	0.00
			E603537	492.00	493.50	1.50	0.00
			E603538	493.50	495.00	1.50	0.00
			E603539	495.00	496.40	1.40	0.00
			E603540	496.40	496.90	0.50	0.03
			E603541	496.90	497.60	0.70	0.09
			E603542	497.60	498.30	0.70	0.05
			E603543	498.30	499.50	1.20	0.01
			E603544	499.50	501.00	1.50	0.00
			E603546	501.00	502.50	1.50	0.00
			E603547	502.50	504.00	1.50	0.00
			E603548	504.00	505.50	1.50	0.00
			E603549	505.50	507.00	1.50	0.00
			E603550	507.00	508.50	1.50	0.00
			E603551	508.50	510.00	1.50	0.00
			E603552	510.00	511.50	1.50	0.00
			E603553	511.50	513.00	1.50	0.00
			E603554	513.00	514.50	1.50	0.00
			E603555	514.50	516.00	1.50	0.00
			E603557	516.00	517.50	1.50	0.00
			E603558	517.50	519.00	1.50	0.02
			E603559	519.00	520.50	1.50	0.02
			E603560	520.50	521.50	1.00	0.00

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	<b>ASSAY</b>		
E603166	37.20	38.00	0.0040
E603167	38.00	39.00	0.0030
E603168	39.00	40.50	0.0005
E603169	40.50	42.00	0.0020
E603170	42.00	43.50	0.0010
E603171	43.50	45.00	0.0050
E603172	45.00	46.50	0.0040
E603173	46.50	48.00	0.0480
E603174	48.00	49.50	0.0005
E603176	49.50	51.00	0.0050
E603177	51.00	52.50	0.0890
E603178	52.50	54.00	0.0070

Hole Number: **GC14-001A**

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603179	54.00	55.50	0.0120
E603180	55.50	57.00	0.0600
E603181	57.00	58.50	0.0100
E603182	58.50	60.00	0.0010
E603183	60.00	61.50	0.0005
E603184	61.50	63.00	0.0005
E603186	63.00	64.50	0.0330
E603187	64.50	66.00	0.0050
E603188	66.00	67.50	0.0110
E603189	67.50	69.00	0.0080
E603190	69.00	70.50	0.0080
E603191	70.50	72.00	0.0010
E603192	72.00	73.50	2.4100
E603193	73.50	75.00	0.0010
E603194	75.00	76.50	0.0060
E603196	76.50	78.00	0.0005
E603983	78.00	79.50	0.0765
E603198	79.50	81.00	0.1120
E603199	81.00	82.50	0.0710
E603200	82.50	84.00	0.0640
E603201	84.00	85.50	0.5870
E603202	85.50	87.00	1.7600
E603203	87.00	88.50	0.6790
E603204	88.50	90.00	0.4540
E603206	90.00	91.50	0.0080
E603207	91.50	93.00	0.0350
E603208	93.00	94.50	0.1440
E603209	94.50	95.60	0.1340
E603210	95.60	97.00	0.2100
E603211	97.00	98.30	0.0060
E603212	98.30	99.40	0.0850
E603213	99.40	100.40	0.0180
E603214	100.40	101.50	0.0220
E603216	101.50	102.20	0.0275
E603217	102.20	103.50	0.0220
E603218	103.50	105.00	0.0180
E603219	105.00	106.50	0.0260
E603220	106.50	108.00	0.0090
E603221	108.00	109.50	0.0090



Hole Number: GC14-001A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603222	109.50	111.00	0.0290
E603223	111.00	112.50	0.2220
E603224	112.50	113.00	0.5110
E603226	113.00	113.50	0.8710
E603227	113.50	114.00	0.3990
E603228	114.00	115.50	0.3980
E603229	115.50	117.00	0.3490
E603230	117.00	118.30	0.0300
E603231	118.30	118.90	0.0440
E603232	118.90	120.00	0.0125
E603233	120.00	121.00	0.0005
E603234	121.00	122.10	0.0020
E603236	122.10	123.00	0.0650
E603237	123.00	124.50	0.0020
E603238	124.50	126.00	0.0150
E603239	126.00	127.50	0.0040
E603240	127.50	129.00	0.0010
E603241	129.00	130.50	0.0100
E603242	130.50	132.00	0.0470
E603243	132.00	133.50	0.0040
E603244	133.50	135.00	0.0100
E603246	135.00	136.50	0.0410
E603247	136.50	138.00	0.0040
E603248	138.00	139.50	0.0040
E603249	139.50	140.50	0.0095
E603250	140.50	141.00	0.0020
E603251	141.00	142.50	0.0080
E603252	142.50	144.00	0.0120
E603253	144.00	145.50	0.0100
E603254	145.50	146.70	1.5200
E603256	146.70	147.50	0.1530
E603257	147.50	148.50	0.0310
E603258	148.50	150.00	0.0580
E603259	150.00	151.50	0.0450
E603260	151.50	153.00	0.0530
E603261	153.00	154.50	0.0660
E603262	154.50	156.00	0.0460
E603263	156.00	157.50	0.0430
E603264	157.50	159.00	0.6020

Hole Number: GC14-001A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603266	159.00	160.50	0.0080
E603267	160.50	162.00	0.0060
E603268	162.00	163.50	0.0300
E603269	163.50	165.00	0.0250
E603270	165.00	166.50	0.0300
E603271	166.50	168.00	0.0230
E603272	168.00	169.50	0.0160
E603273	169.50	171.00	0.0290
E603274	171.00	172.50	0.1150
E603276	172.50	174.00	0.0050
E603277	174.00	175.50	0.0110
E603278	175.50	177.00	0.0020
E603279	177.00	178.50	0.0040
E603280	178.50	180.00	0.0200
E603281	180.00	181.50	0.0620
E603282	181.50	183.00	0.0050
E603283	183.00	184.50	0.0440
E603284	184.50	186.00	0.0460
E603286	186.00	187.50	0.0160
E603287	187.50	189.00	0.0070
E603288	189.00	190.50	0.1500
E603289	190.50	191.80	0.0350
E603290	191.80	192.90	0.0070
E603291	192.90	194.00	0.0020
E603292	194.00	195.00	0.0270
E603293	195.00	196.50	0.0140
E603294	196.50	198.00	0.0020
E603296	198.00	199.50	0.0170
E603297	199.50	200.30	0.0030
E603298	200.30	201.00	0.1070
E603299	201.00	201.90	0.0120
E603300	201.90	202.50	0.0760
E603301	202.50	204.00	0.2040
E603302	204.00	205.50	0.0790
E603303	205.50	206.30	2.3100
E603304	206.30	207.00	0.0510
E603305	207.00	207.90	0.2630
E603306	207.90	209.20	0.0260
E603307	209.20	209.90	0.1670

Hole Number: **GC14-001A**

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type <b>ASSAY</b>			
E603308	209.90	211.40	0.0050
E603309	211.40	212.20	0.0850
E603310	212.20	213.00	0.0020
E603311	213.00	213.80	0.4320
E603312	213.80	214.50	0.0840
E603313	214.50	215.00	0.1320
E603314	215.00	216.00	0.0100
E603316	216.00	217.50	0.0140
E603317	217.50	219.00	0.0060
E603318	219.00	220.50	0.5330
E603319	220.50	221.10	4.7600
E603320	221.10	222.00	0.2910
E603321	222.00	223.50	0.1410
E603322	223.50	225.00	0.1590
E603323	225.00	226.50	0.0930
E603324	226.50	228.00	0.0035
E603326	228.00	229.50	0.3150
E603327	229.50	231.00	0.1640
E603328	231.00	232.00	0.0850
E603329	232.00	232.50	0.1340
E603330	232.50	234.00	0.0410
E603331	234.00	235.50	0.0550
E603332	235.50	236.00	0.4880
E603333	236.00	237.00	0.0300
E603334	237.00	238.50	0.2980
E603336	238.50	240.00	0.1620
E603337	240.00	241.50	0.0220
E603338	241.50	242.10	0.2440
E603339	242.10	243.00	0.0230
E603340	243.00	244.50	0.1270
E603341	244.50	246.00	0.0465
E603342	246.00	247.10	0.0890
E603343	247.10	247.90	1.1100
E603344	247.90	249.00	0.1050
E603346	249.00	250.50	1.0500
E603347	250.50	252.00	0.0370
E603348	252.00	253.50	0.0990
E603349	253.50	255.00	0.1230
E603350	255.00	255.60	0.2410

Hole Number: GC14-001A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603351	255.60	256.50	0.1760
E603352	256.50	258.00	0.3750
E603353	258.00	259.50	0.0370
E603354	259.50	261.00	0.0110
E603356	261.00	262.50	0.0020
E603357	262.50	264.00	0.1050
E603358	264.00	264.90	0.1440
E603359	264.90	265.50	0.3980
E603360	265.50	267.00	0.2480
E603361	267.00	267.80	0.1020
E603362	267.80	268.50	0.0360
E603363	268.50	270.00	0.0390
E603364	270.00	271.50	0.1000
E603366	271.50	273.00	0.0570
E603367	273.00	274.50	0.0100
E603368	274.50	276.00	0.0120
E603369	276.00	277.50	0.0300
E603370	277.50	279.00	0.0180
E603371	279.00	280.50	0.0670
E603372	280.50	282.00	0.5160
E603373	282.00	283.50	0.0020
E603374	283.50	285.00	0.0450
E603376	285.00	286.50	0.0140
E603377	286.50	288.00	0.0110
E603378	288.00	289.50	0.0190
E603379	289.50	291.00	0.0590
E603380	291.00	292.50	2.8200
E603381	292.50	293.30	0.0500
E603382	293.30	294.00	0.3210
E603383	294.00	294.80	0.0070
E603384	294.80	295.80	0.1070
E603386	295.80	297.00	0.0170
E603387	297.00	298.50	0.0120
E603388	298.50	300.00	0.0170
E603389	300.00	301.50	0.0330
E603390	301.50	303.00	0.0570
E603391	303.00	304.20	0.2280
E603392	304.20	305.60	0.1350
E603393	305.60	306.50	0.0240

Hole Number: GC14-001A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603394	306.50	307.50	0.0720
E603396	307.50	309.00	0.0240
E603397	309.00	310.50	0.0250
E603398	310.50	312.00	0.0990
E603399	312.00	313.50	0.0540
E603400	313.50	315.00	0.4760
E603401	315.00	316.50	0.1030
E603402	316.50	318.00	0.0420
E603403	318.00	319.50	0.0040
E603404	319.50	321.00	0.0030
E603405	321.00	322.50	0.0330
E603406	322.50	324.00	1.8500
E603407	324.00	325.50	0.1235
E603408	325.50	327.00	0.0240
E603409	327.00	328.50	0.1170
E603410	328.50	330.00	0.0040
E603411	330.00	331.50	0.0040
E603412	331.50	333.00	0.0070
E603413	333.00	334.50	0.0050
E603414	334.50	336.00	0.0310
E603416	336.00	337.50	0.0080
E603417	337.50	339.00	0.0140
E603418	339.00	340.50	0.0420
E603419	340.50	342.00	0.0090
E603420	342.00	343.50	0.0070
E603421	343.50	345.00	0.1280
E603422	345.00	346.50	0.0040
E603423	346.50	348.00	0.0320
E603424	348.00	349.50	0.0940
E603426	349.50	351.00	0.0370
E603427	351.00	352.50	0.7470
E603428	352.50	353.30	0.3370
E603429	353.30	354.00	0.0050
E603430	354.00	354.60	0.0710
E603431	354.60	355.30	0.0130
E603432	355.30	356.30	0.0395
E603433	356.30	357.00	0.0050
E603434	357.00	358.50	0.0190
E603436	358.50	360.00	0.0130

Hole Number: GC14-001A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603437	360.00	361.50	0.0320
E603438	361.50	363.00	0.0090
E603439	363.00	364.50	0.0020
E603440	364.50	366.00	0.0290
E603441	366.00	367.50	0.0580
E603442	367.50	369.00	0.0780
E603443	369.00	370.50	0.0690
E603444	370.50	372.00	0.0240
E603445	372.00	373.50	0.0150
E603446	373.50	375.00	0.0320
E603447	375.00	376.50	0.0030
E603448	376.50	378.00	0.0110
E603450	378.00	379.00	0.1520
E603451	379.00	379.50	0.0640
E603452	379.50	381.00	0.0100
E603453	381.00	382.50	0.0050
E603454	382.50	384.00	0.0120
E603456	384.00	385.50	0.0005
E603457	385.50	387.00	0.0090
E603458	387.00	388.50	1.1800
E603459	388.50	390.00	0.0440
E603460	390.00	391.50	0.0030
E603461	391.50	393.00	0.0190
E603462	393.00	394.50	0.0350
E603463	394.50	396.00	0.0490
E603464	396.00	397.50	0.0060
E603465	397.50	399.00	0.0030
E603467	399.00	400.50	0.0010
E603468	400.50	402.00	0.0030
E603469	402.00	403.50	0.0090
E603470	403.50	405.00	0.0010
E603471	405.00	406.50	0.0340
E603472	406.50	408.00	0.0190
E603473	408.00	409.50	0.0070
E603474	409.50	411.00	0.0090
E603475	411.00	412.50	0.0090
E603477	412.50	414.00	0.0240
E603478	414.00	415.50	0.0005
E603479	415.50	417.00	0.0040

Hole Number: GC14-001A

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603480	417.00	418.50	0.0330
E603481	418.50	420.00	0.3040
E603482	420.00	421.50	0.0070
E603483	421.50	423.00	0.0240
E603484	423.00	424.50	0.2060
E603486	424.50	425.10	0.1280
E603487	425.10	426.00	1.3600
E603488	426.00	427.50	0.0860
E603489	427.50	429.00	0.0540
E603490	429.00	430.50	0.0260
E603491	430.50	432.00	0.0530
E603492	432.00	433.50	0.6160
E603493	433.50	435.00	0.1610
E603494	435.00	436.50	0.0930
E603496	436.50	438.00	0.1030
E603497	438.00	439.50	0.0520
E603498	439.50	441.00	0.0160
E603499	441.00	442.50	0.0400
E603500	442.50	444.00	0.0360
E603501	444.00	445.50	0.0140
E603502	445.50	447.00	0.0440
E603503	447.00	448.50	0.0070
E603504	448.50	450.00	0.0020
E603505	450.00	451.50	0.0080
E603506	451.50	453.00	0.0030
E603508	453.00	454.50	0.0100
E603509	454.50	456.00	0.0580
E603510	456.00	457.50	0.0260
E603511	457.50	459.00	0.0050
E603512	459.00	460.50	0.0005
E603513	460.50	462.00	0.0080
E603514	462.00	463.50	0.0420
E603515	463.50	465.00	0.0020
E603517	465.00	466.50	0.0030
E603518	466.50	468.00	0.0050
E603519	468.00	469.50	0.0030
E603520	469.50	471.00	0.0020
E603521	471.00	472.50	0.0040
E603522	472.50	474.00	0.0025

Hole Number: GC14-001A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603523	474.00	475.50	0.0020
E603524	475.50	477.00	0.0020
E603526	477.00	478.50	0.0020
E603527	478.50	480.00	0.0050
E603528	480.00	481.50	0.0020
E603529	481.50	483.00	0.0030
E603530	483.00	484.50	0.0030
E603531	484.50	486.00	0.0060
E603532	486.00	487.50	0.0020
E603533	487.50	489.00	0.0020
E603534	489.00	490.50	0.0020
E603536	490.50	492.00	0.0020
E603537	492.00	493.50	0.0040
E603538	493.50	495.00	0.0020
E603539	495.00	496.40	0.0030
E603540	496.40	496.90	0.0265
E603541	496.90	497.60	0.0940
E603542	497.60	498.30	0.0520
E603543	498.30	499.50	0.0120
E603544	499.50	501.00	0.0030
E603546	501.00	502.50	0.0020
E603547	502.50	504.00	0.0020
E603548	504.00	505.50	0.0020
E603549	505.50	507.00	0.0030
E603550	507.00	508.50	0.0020
E603551	508.50	510.00	0.0020
E603552	510.00	511.50	0.0010
E603553	511.50	513.00	0.0030
E603554	513.00	514.50	0.0020
E603555	514.50	516.00	0.0010
E603557	516.00	517.50	0.0005
E603558	517.50	519.00	0.0160
E603559	519.00	520.50	0.0190
E603560	520.50	521.50	0.0020



# DETAILED LOG

Hole Number: **GC14-002**

Units: **METRIC**

Project Name: Garrison Creek	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -55.00
Project Number: GARRISON	North: 5371769.00	North:	Collar Az: 250.00
Location: Garrison Township	East: 575811.00	East:	Length: 555.00
	Elev: 300.00	Elev:	Start Depth: 0.00
Date Started: Oct 15, 2014	Collar Survey: N	Plugged: N	Contractor: Garant
Date Completed: Oct 31, 2014	Multishot Survey: N	Hole Size: NQ	Core Storage: Exploration
	Pulse EM Survey: N	Casing: YES	Final Depth: 555.00

Comments:

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
54.00	254.90	-58.60	EZ Sho	OK	BAD TEST: LOW MAG. Retested 3m Below	99.00	256.20	-58.60	EZ Sho	OK	Retest as previous test Low mag
150.00	150.00	-58.60	EZ Sho	OK		153.00	259.10	-59.00	EZ Sho	OK	
201.00	258.00	-59.20	EZ Sho	OK		249.00	258.80	-59.40	EZ Sho	OK	
300.00	259.80	-59.80	EZ Sho	OK		351.00	261.60	-59.30	EZ Sho	OK	
399.00	269.40	-58.70	EZ Sho	OK		450.00	261.10	-58.20	EZ Sho	OK	
555.00	263.20	-57.00	EZ Sho	OK							

### Detailed Lithology

From		To	Lithology	Assay Data				
Sample Number	From	To	Length	Au_gpt_Final				
	0.00	29.90	HPO, OVERBURDEN Overburden					



**DETAILED LOG**

Hole Number: **GC14-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
29.90	555.00	<b>ISO, SYENITIC INTRUSIVE</b> Reddish brown medium to coarse grained weakly to moderately magnetic Syenitic intrusive. Moderate pervasive Hematite and weak pervasive magnetite alteration occur throughout with moderate patchy Sericite and chlorite alteration around larger veins. 1% weak carbonate stringers with Quartz carb veinlets 1-2cm in scale. Below ~186m veinlets increase to 5-7% and some larger Carbonate and also Quartz veins appear. Veining decreases around 253m. Below this depth veinlets increase and decrease slightly until end of unit. Trace-0.5% very fine grained blebby and fracture controlled pyrite throughout entire unit. EOH 34.9-35.4m: massive Carbonate Quartz vein 100.5m: mm scale sandy fault 101.7-104m: Broken and blocky faulted core 243.7m: Possible small VG associated with Galena within QTZ/CARB vein~15cm Below 291m: very small sections of IPF up too 30cm in length 518-518.8m: Massive Quartz Carbonate vein	E602722	33.00	34.40	1.40	0.07
			E602723	34.40	34.90	0.50	0.31
			E602724	34.90	35.50	0.60	4.42
			E602725	35.50	36.50	1.00	0.22
			E602726	68.00	68.50	0.50	0.00
			E602728	68.50	69.00	0.50	0.00
			E602729	69.00	69.50	0.50	0.01
			E602730	69.50	70.00	0.50	0.05
			E602731	80.60	81.10	0.50	0.01
			E602732	81.10	82.50	1.40	0.00
			E602733	82.50	84.00	1.50	0.05
			E602734	84.00	85.50	1.50	0.06
			E602736	85.50	87.00	1.50	0.04
			E602737	87.00	88.50	1.50	0.00
			E602738	88.50	90.00	1.50	0.03
			E602739	90.00	91.50	1.50	0.02
			E602740	91.50	93.00	1.50	0.01
			E602741	93.00	94.50	1.50	0.02
			E602742	94.50	96.00	1.50	0.00
			E602743	96.00	97.50	1.50	0.00
			E602744	97.50	99.00	1.50	0.02
			E602746	99.00	99.80	0.80	0.00
			E602747	99.80	100.50	0.70	0.15
			E602748	100.50	101.40	0.90	0.01
			E602749	101.40	102.00	0.60	0.00
			E602750	102.00	103.50	1.50	0.00
			E602751	103.50	105.00	1.50	0.00
			E602752	105.00	106.50	1.50	0.05
			E602753	106.50	107.50	1.00	0.00
			E602754	107.50	108.00	0.50	0.01
			E602756	108.00	109.50	1.50	0.03
			E602757	109.50	111.00	1.50	0.01
			E602758	111.00	112.50	1.50	0.03
			E602759	112.50	113.60	1.10	0.02
			E602760	113.60	114.30	0.70	0.01
			E602761	114.30	115.50	1.20	0.01
			E602762	115.50	117.00	1.50	0.07
			E602763	117.00	118.50	1.50	0.05
			E602764	118.50	120.00	1.50	0.04
			E602766	120.00	121.50	1.50	0.00
			E602767	121.50	123.00	1.50	0.01
			E602768	123.00	124.50	1.50	0.01

# DETAILED LOG

Hole Number: **GC14-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E602769	124.50	126.00	1.50	0.05
			E602770	126.00	127.50	1.50	0.00
			E602771	127.50	129.00	1.50	0.00
			E602772	129.00	130.50	1.50	0.00
			E602773	130.50	132.00	1.50	0.01
			E602774	132.00	133.50	1.50	0.30
			E602776	133.50	135.00	1.50	0.01
			E602777	135.00	136.50	1.50	0.00
			E602778	136.50	138.00	1.50	0.02
			E602779	138.00	139.50	1.50	0.00
			E602780	139.50	141.00	1.50	0.05
			E602781	141.00	142.50	1.50	0.00
			E602782	142.50	144.00	1.50	0.00
			E602783	144.00	145.50	1.50	0.00
			E602784	145.50	147.00	1.50	0.05
			E602786	147.00	148.50	1.50	0.15
			E602787	148.50	150.00	1.50	0.82
			E602788	150.00	151.50	1.50	0.06
			E602789	151.50	153.00	1.50	0.26
			E602790	153.00	154.50	1.50	0.01
			E602791	154.50	156.00	1.50	0.09
			E602792	156.00	157.50	1.50	0.25
			E602793	157.50	159.00	1.50	0.11
			E602794	159.00	160.50	1.50	0.14
			E602795	160.50	162.00	1.50	0.11
			E602797	162.00	163.50	1.50	0.02
			E602798	163.50	165.00	1.50	0.01
			E602799	165.00	166.50	1.50	0.10
			E602800	166.50	168.00	1.50	0.09
			E602801	168.00	169.50	1.50	0.01
			E602802	169.50	171.00	1.50	0.12
			E602803	171.00	172.50	1.50	0.06
			E602804	172.50	174.00	1.50	0.35
			E602806	174.00	175.50	1.50	0.03
			E602807	175.50	177.00	1.50	0.02
			E602808	177.00	178.50	1.50	0.00
			E602809	178.50	180.00	1.50	0.00
			E602810	180.00	181.50	1.50	0.03
			E602811	181.50	183.00	1.50	0.03
			E602812	183.00	184.50	1.50	0.81
			E602813	184.50	186.00	1.50	0.01
			E602814	186.00	187.00	1.00	0.01

# DETAILED LOG

Hole Number: **GC14-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E602816	187.00	188.00	1.00	0.03
			E602817	188.00	189.00	1.00	0.09
			E602818	189.00	190.00	1.00	0.01
			E602819	190.00	191.00	1.00	1.88
			E602820	191.00	192.00	1.00	0.04
			E602821	192.00	193.00	1.00	0.04
			E602822	193.00	194.00	1.00	0.03
			E602823	194.00	195.00	1.00	0.03
			E602824	195.00	196.00	1.00	0.01
			E602825	196.00	197.00	1.00	0.03
			E602827	197.00	198.00	1.00	0.03
			E602828	198.00	199.00	1.00	0.55
			E602829	199.00	200.00	1.00	0.03
			E602830	200.00	201.00	1.00	0.01
			E602831	201.00	202.00	1.00	0.11
			E602832	202.00	203.00	1.00	0.07
			E602833	203.00	204.00	1.00	0.01
			E602834	204.00	205.00	1.00	0.02
			E602836	205.00	206.00	1.00	0.05
			E602837	206.00	207.00	1.00	0.03
			E602838	207.00	208.00	1.00	0.10
			E602839	208.00	209.00	1.00	0.04
			E602840	209.00	210.00	1.00	0.07
			E602841	210.00	211.00	1.00	0.35
			E602842	211.00	212.00	1.00	0.31
			E602843	212.00	213.00	1.00	0.03
			E602844	213.00	214.00	1.00	1.10
			E602846	214.00	215.00	1.00	0.58
			E602847	215.00	216.00	1.00	0.01
			E602848	216.00	217.00	1.00	0.03
			E602849	217.00	218.00	1.00	0.01
			E602850	218.00	219.00	1.00	0.01
			E602851	219.00	220.00	1.00	0.01
			E602852	220.00	221.00	1.00	0.01
			E602853	221.00	222.00	1.00	1.14
			E602854	222.00	223.00	1.00	0.04
			E602856	223.00	224.00	1.00	0.02
			E602857	224.00	225.00	1.00	1.14
			E602858	225.00	226.00	1.00	0.12
			E602859	226.00	227.00	1.00	0.02
			E602860	227.00	228.00	1.00	0.01
			E602861	228.00	229.00	1.00	9.43

### DETAILED LOG

Hole Number: **GC14-002**

Units: **METRIC**

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E602862	229.00	230.00	1.00	0.50
			E602863	230.00	231.00	1.00	0.08
			E602864	231.00	232.00	1.00	0.00
			E602866	232.00	233.00	1.00	1.83
			E602867	233.00	234.00	1.00	0.08
			E602868	234.00	235.00	1.00	2.12
			E602869	235.00	235.50	0.50	0.61
			E602870	235.50	237.00	1.50	3.61
			E602871	237.00	238.00	1.00	0.02
			E602872	238.00	239.00	1.00	0.07
			E602873	239.00	239.50	0.50	0.08
			E602874	239.50	240.00	0.50	0.01
			E602876	240.00	241.00	1.00	0.22
			E602877	241.00	242.00	1.00	0.12
			E602878	242.00	243.00	1.00	0.15
			E602879	243.00	243.50	0.50	1.87
			E602880	243.50	244.00	0.50	1.24
			E602881	244.00	244.50	0.50	0.07
			E602883	244.50	245.00	0.50	0.02
			E602884	245.00	246.00	1.00	0.12
			E602886	246.00	246.70	0.70	0.22
			E602887	246.70	248.00	1.30	0.11
			E602888	248.00	248.50	0.50	0.37
			E602889	248.50	249.00	0.50	0.09
			E602890	249.00	250.40	1.40	0.06
			E602891	250.40	250.90	0.50	0.13
			E602892	250.90	251.50	0.60	0.09
			E602893	251.50	252.00	0.50	0.25
			E602894	252.00	253.00	1.00	0.28
			E602895	253.00	254.00	1.00	0.03
			E602897	254.00	255.00	1.00	0.00
			E602898	255.00	256.50	1.50	0.00
			E602899	256.50	258.00	1.50	0.01
			E602900	258.00	259.50	1.50	0.51
			E602901	259.50	261.00	1.50	0.00
			E602902	261.00	262.50	1.50	0.03
			E602903	262.50	264.00	1.50	0.03
			E602904	264.00	265.50	1.50	0.04
			E602906	265.50	266.60	1.10	0.02
			E602907	266.60	267.80	1.20	0.14
			E602908	267.80	268.40	0.60	0.01
			E602909	268.40	269.90	1.50	0.24

# DETAILED LOG

Hole Number: **GC14-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E602910	269.90	270.60	0.70	0.14
			E602911	270.60	271.50	0.90	0.01
			E602912	271.50	273.00	1.50	0.01
			E602913	273.00	274.50	1.50	0.13
			E602914	274.50	276.00	1.50	0.02
			E602915	276.00	276.60	0.60	0.01
			E602917	276.60	277.10	0.50	0.38
			E602918	277.10	278.00	0.90	0.04
			E602919	278.00	279.50	1.50	0.01
			E602920	279.50	281.00	1.50	0.00
			E602921	281.00	282.00	1.00	0.04
			E602922	282.00	282.70	0.70	0.09
			E602923	282.70	283.70	1.00	0.01
			E602924	283.70	285.00	1.30	0.10
			E602926	285.00	286.50	1.50	0.03
			E602927	286.50	288.00	1.50	0.07
			E602928	288.00	289.50	1.50	0.03
			E602929	289.50	290.00	0.50	0.04
			E602930	290.00	290.50	0.50	0.09
			E602931	290.50	291.00	0.50	0.05
			E602932	291.00	292.00	1.00	0.05
			E602933	292.00	293.00	1.00	0.00
			E602934	293.00	294.00	1.00	0.00
			E602936	294.00	295.50	1.50	0.01
			E602937	295.50	296.50	1.00	0.05
			E602938	296.50	298.00	1.50	0.02
			E602939	298.00	299.00	1.00	0.15
			E602940	299.00	300.00	1.00	0.06
			E602941	300.00	301.50	1.50	0.03
			E602942	301.50	302.50	1.00	0.01
			E602943	302.50	303.00	0.50	0.10
			E602944	303.00	304.50	1.50	0.02
			E602945	304.50	305.00	0.50	0.09
			E602947	305.00	305.50	0.50	0.04
			E602948	305.50	306.40	0.90	0.41
			E602949	306.40	307.50	1.10	0.02
			E602950	307.50	309.00	1.50	0.00
			E602951	309.00	310.50	1.50	0.05
			E602952	310.50	312.00	1.50	0.00
			E602953	312.00	313.50	1.50	0.02
			E602954	313.50	315.00	1.50	0.00
			E602955	315.00	316.50	1.50	0.00

# DETAILED LOG

Hole Number: **GC14-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E602957	316.50	318.00	1.50	0.02
			E602958	318.00	319.50	1.50	0.00
			E602959	319.50	321.00	1.50	0.01
			E602960	321.00	321.50	0.50	0.00
			E602961	321.50	322.50	1.00	0.00
			E602962	322.50	324.00	1.50	0.00
			E602963	324.00	325.50	1.50	0.02
			E602964	325.50	326.00	0.50	0.04
			E602966	326.00	326.50	0.50	0.05
			E602967	326.50	327.00	0.50	0.00
			E602968	327.00	328.50	1.50	0.00
			E602969	328.50	330.00	1.50	0.01
			E602970	330.00	331.50	1.50	0.01
			E602971	331.50	333.00	1.50	0.04
			E602972	333.00	334.50	1.50	0.07
			E602973	334.50	336.00	1.50	0.10
			E602974	336.00	337.00	1.00	0.88
			E602976	337.00	338.50	1.50	0.03
			E602977	338.50	340.00	1.50	0.08
			E602978	340.00	341.50	1.50	0.41
			E602979	341.50	342.00	0.50	3.05
			E602980	342.00	342.50	0.50	0.91
			E602981	342.50	343.80	1.30	0.02
			E602982	343.80	345.00	1.20	0.33
			E602983	345.00	345.60	0.60	0.73
			E602984	345.60	346.10	0.50	0.06
			E602986	346.10	346.60	0.50	1.82
			E602987	346.60	347.10	0.50	2.61
			E602988	347.10	347.60	0.50	0.84
			E602989	347.60	348.10	0.50	0.19
			E602990	348.10	348.70	0.60	0.67
			E602991	348.70	349.50	0.80	0.06
			E602992	349.50	351.00	1.50	0.15
			E602993	351.00	352.50	1.50	0.13
			E602994	352.50	353.50	1.00	0.15
			E602996	353.50	354.00	0.50	7.84
			E602997	354.00	355.50	1.50	0.11
			E602998	355.50	357.00	1.50	0.10
			E602999	357.00	358.50	1.50	0.08
			E603000	358.50	360.00	1.50	0.01
			E603001	360.00	361.50	1.50	0.12
			E603002	361.50	363.00	1.50	0.01

## DETAILED LOG

Hole Number: GC14-002

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603003	363.00	364.50	1.50	0.03
			E603004	364.50	366.00	1.50	0.00
			E603006	366.00	367.50	1.50	0.00
			E603007	367.50	369.00	1.50	0.00
			E603008	369.00	370.50	1.50	0.05
			E603009	370.50	372.00	1.50	0.00
			E603010	372.00	373.50	1.50	0.00
			E603011	373.50	375.00	1.50	0.02
			E603012	375.00	376.50	1.50	0.01
			E603013	376.50	378.00	1.50	0.02
			E603014	378.00	379.50	1.50	0.70
			E603015	379.50	380.00	0.50	2.70
			E603017	380.00	380.50	0.50	2.95
			E603018	380.50	381.00	0.50	4.41
			E603019	381.00	382.50	1.50	0.54
			E603020	382.50	384.00	1.50	0.01
			E603021	384.00	385.50	1.50	0.02
			E603022	385.50	387.00	1.50	0.00
			E603023	387.00	388.50	1.50	0.01
			E603024	388.50	390.00	1.50	0.01
			E603026	390.00	391.50	1.50	0.01
			E603027	391.50	393.00	1.50	0.00
			E603028	393.00	394.50	1.50	0.01
			E603029	394.50	395.30	0.80	0.37
			E603030	395.30	396.10	0.80	0.02
			E603031	396.10	396.90	0.80	0.23
			E603032	396.90	397.90	1.00	0.01
			E603033	397.90	399.00	1.10	0.01
			E603034	399.00	400.50	1.50	0.02
			E603036	400.50	402.00	1.50	0.02
			E603037	402.00	403.50	1.50	0.00
			E603038	403.50	405.00	1.50	0.01
			E603039	405.00	406.50	1.50	0.00
			E603040	406.50	408.00	1.50	0.00
			E603041	408.00	409.50	1.50	0.00
			E603042	409.50	411.00	1.50	0.00
			E603043	411.00	412.50	1.50	0.00
			E603044	412.50	414.00	1.50	0.00
			E603046	414.00	415.50	1.50	0.03
			E603047	415.50	417.00	1.50	0.03
			E603048	417.00	418.50	1.50	0.05
			E603049	418.50	420.00	1.50	0.00



**DETAILED LOG**

Hole Number: **GC14-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603050	420.00	421.50	1.50	0.01
			E603051	421.50	423.00	1.50	0.00
			E603052	423.00	424.50	1.50	0.00
			E603053	424.50	426.00	1.50	0.05
			E603054	426.00	427.50	1.50	0.01
			E603056	427.50	429.00	1.50	0.06
			E603057	429.00	430.50	1.50	0.10
			E603058	430.50	432.00	1.50	0.01
			E603059	432.00	433.10	1.10	0.31
			E603060	433.10	434.20	1.10	0.12
			E603061	434.20	435.00	0.80	0.01
			E603062	435.00	436.50	1.50	0.02
			E603063	436.50	438.00	1.50	0.00
			E603064	438.00	438.90	0.90	0.05
			E603065	438.90	439.50	0.60	0.04
			E603067	439.50	441.00	1.50	0.13
			E603068	441.00	442.50	1.50	0.11
			E603069	442.50	444.00	1.50	0.15
			E603070	444.00	445.50	1.50	0.03
			E603071	445.50	447.00	1.50	0.07
			E603072	447.00	448.50	1.50	0.03
			E603073	448.50	450.00	1.50	0.38
			E603074	450.00	451.50	1.50	0.02
			E603076	451.50	453.00	1.50	0.08
			E603077	453.00	454.50	1.50	0.06
			E603078	454.50	456.00	1.50	0.04
			E603079	456.00	456.80	0.80	0.05
			E603080	456.80	457.70	0.90	0.15
			E603081	457.70	458.60	0.90	0.11
			E603082	458.60	459.60	1.00	0.03
			E603083	459.60	460.50	0.90	0.04
			E603084	460.50	462.00	1.50	0.01
			E603086	462.00	463.50	1.50	0.02
			E603087	463.50	465.00	1.50	0.02
			E603088	465.00	466.50	1.50	0.00
			E603089	466.50	468.00	1.50	0.17
			E603090	468.00	469.50	1.50	0.17
			E603091	469.50	471.00	1.50	0.05
			E603092	471.00	472.50	1.50	0.02
			E603093	472.50	474.00	1.50	0.11
			E603094	474.00	475.50	1.50	0.05
			E603096	475.50	477.00	1.50	0.36

## DETAILED LOG

Hole Number: GC14-002

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603097	477.00	478.50	1.50	0.04
			E603098	478.50	480.00	1.50	0.05
			E603099	480.00	481.50	1.50	0.00
			E603100	481.50	483.00	1.50	0.01
			E603101	483.00	484.50	1.50	5.77
			E603102	484.50	486.00	1.50	0.01
			E603103	486.00	487.50	1.50	1.22
			E603104	487.50	489.00	1.50	0.13
			E603106	489.00	490.30	1.30	0.01
			E603107	490.30	490.80	0.50	0.02
			E603108	490.80	491.70	0.90	0.26
			E603109	491.70	493.00	1.30	0.01
			E603110	493.00	494.00	1.00	0.00
			E603111	494.00	495.00	1.00	0.00
			E603112	495.00	496.50	1.50	0.02
			E603113	496.50	498.00	1.50	0.13
			E603114	498.00	499.50	1.50	0.01
			E603116	499.50	501.00	1.50	0.03
			E603117	501.00	502.50	1.50	0.04
			E603118	502.50	503.00	0.50	0.56
			E603119	503.00	503.50	0.50	0.58
			E603120	503.50	504.00	0.50	0.24
			E603121	504.00	505.50	1.50	0.07
			E603122	505.50	507.00	1.50	0.00
			E603123	507.00	508.50	1.50	0.03
			E603124	508.50	510.00	1.50	0.25
			E603126	510.00	511.50	1.50	0.06
			E603127	511.50	513.00	1.50	0.15
			E603128	513.00	514.50	1.50	0.01
			E603129	514.50	516.00	1.50	0.00
			E603130	516.00	517.50	1.50	0.01
			E603131	517.50	518.00	0.50	0.02
			E603132	518.00	518.80	0.80	0.29
			E603133	518.80	519.50	0.70	0.02
			E603134	519.50	520.50	1.00	0.00
			E603135	520.50	522.00	1.50	0.15
			E603136	522.00	523.50	1.50	0.11
			E603137	523.50	525.00	1.50	0.02
			E603139	525.00	525.70	0.70	0.07
			E603140	525.70	526.40	0.70	0.21
			E603141	526.40	527.80	1.40	0.01
			E603142	527.80	528.60	0.80	0.00

# DETAILED LOG

Hole Number: **GC14-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603143	528.60	529.50	0.90	0.01
			E603144	529.50	531.00	1.50	0.03
			E603146	531.00	532.50	1.50	0.01
			E603147	532.50	533.50	1.00	0.02
			E603148	533.50	534.50	1.00	0.03
			E603149	534.50	535.50	1.00	0.07
			E603150	535.50	537.00	1.50	0.06
			E603151	537.00	538.50	1.50	0.03
			E603152	538.50	540.00	1.50	0.07
			E603153	540.00	541.50	1.50	0.36
			E603154	541.50	543.00	1.50	0.01
			E603156	543.00	544.50	1.50	0.01
			E603157	544.50	546.00	1.50	0.04
			E603158	546.00	547.50	1.50	0.04
			E603159	547.50	549.00	1.50	0.03
			E603160	549.00	549.50	0.50	0.00
			E603161	549.50	550.50	1.00	0.01
			E603162	550.50	552.00	1.50	0.04
			E603163	552.00	553.50	1.50	0.01
			E603164	553.50	555.00	1.50	0.01

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E602722	33.00	34.40	0.0660
E602723	34.40	34.90	0.3070
E602724	34.90	35.50	4.4200
E602725	35.50	36.50	0.2240
E602726	68.00	68.50	0.0020
E602728	68.50	69.00	0.0020
E602729	69.00	69.50	0.0060
E602730	69.50	70.00	0.0530
E602731	80.60	81.10	0.0060
E602732	81.10	82.50	0.0020
E602733	82.50	84.00	0.0450
E602734	84.00	85.50	0.0590
E602736	85.50	87.00	0.0380
E602737	87.00	88.50	0.0040
E602738	88.50	90.00	0.0280
E602739	90.00	91.50	0.0210
E602740	91.50	93.00	0.0090

Hole Number: GC14-002

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E602741	93.00	94.50	0.0210
E602742	94.50	96.00	0.0005
E602743	96.00	97.50	0.0020
E602744	97.50	99.00	0.0150
E602746	99.00	99.80	0.0010
E602747	99.80	100.50	0.1490
E602748	100.50	101.40	0.0130
E602749	101.40	102.00	0.0030
E602750	102.00	103.50	0.0040
E602751	103.50	105.00	0.0005
E602752	105.00	106.50	0.0510
E602753	106.50	107.50	0.0040
E602754	107.50	108.00	0.0050
E602756	108.00	109.50	0.0270
E602757	109.50	111.00	0.0080
E602758	111.00	112.50	0.0290
E602759	112.50	113.60	0.0240
E602760	113.60	114.30	0.0060
E602761	114.30	115.50	0.0060
E602762	115.50	117.00	0.0660
E602763	117.00	118.50	0.0450
E602764	118.50	120.00	0.0380
E602766	120.00	121.50	0.0030
E602767	121.50	123.00	0.0060
E602768	123.00	124.50	0.0060
E602769	124.50	126.00	0.0460
E602770	126.00	127.50	0.0040
E602771	127.50	129.00	0.0005
E602772	129.00	130.50	0.0040
E602773	130.50	132.00	0.0120
E602774	132.00	133.50	0.2950
E602776	133.50	135.00	0.0060
E602777	135.00	136.50	0.0010
E602778	136.50	138.00	0.0200
E602779	138.00	139.50	0.0020
E602780	139.50	141.00	0.0500
E602781	141.00	142.50	0.0005
E602782	142.50	144.00	0.0030
E602783	144.00	145.50	0.0005

Hole Number: GC14-002

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E602784	145.50	147.00	0.0490
E602786	147.00	148.50	0.1450
E602787	148.50	150.00	0.8190
E602788	150.00	151.50	0.0630
E602789	151.50	153.00	0.2610
E602790	153.00	154.50	0.0090
E602791	154.50	156.00	0.0870
E602792	156.00	157.50	0.2460
E602793	157.50	159.00	0.1060
E602794	159.00	160.50	0.1410
E602795	160.50	162.00	0.1060
E602797	162.00	163.50	0.0195
E602798	163.50	165.00	0.0130
E602799	165.00	166.50	0.0960
E602800	166.50	168.00	0.0860
E602801	168.00	169.50	0.0110
E602802	169.50	171.00	0.1160
E602803	171.00	172.50	0.0590
E602804	172.50	174.00	0.3460
E602806	174.00	175.50	0.0260
E602807	175.50	177.00	0.0160
E602808	177.00	178.50	0.0040
E602809	178.50	180.00	0.0020
E602810	180.00	181.50	0.0320
E602811	181.50	183.00	0.0250
E602812	183.00	184.50	0.8050
E602813	184.50	186.00	0.0050
E602814	186.00	187.00	0.0060
E602816	187.00	188.00	0.0260
E602817	188.00	189.00	0.0910
E602818	189.00	190.00	0.0070
E602819	190.00	191.00	1.8800
E602820	191.00	192.00	0.0380
E602821	192.00	193.00	0.0420
E602822	193.00	194.00	0.0270
E602823	194.00	195.00	0.0280
E602824	195.00	196.00	0.0080
E602825	196.00	197.00	0.0320
E602827	197.00	198.00	0.0340

Hole Number: GC14-002

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E602828	198.00	199.00	0.5490
E602829	199.00	200.00	0.0260
E602830	200.00	201.00	0.0110
E602831	201.00	202.00	0.1100
E602832	202.00	203.00	0.0650
E602833	203.00	204.00	0.0090
E602834	204.00	205.00	0.0180
E602836	205.00	206.00	0.0470
E602837	206.00	207.00	0.0320
E602838	207.00	208.00	0.0980
E602839	208.00	209.00	0.0360
E602840	209.00	210.00	0.0740
E602841	210.00	211.00	0.3490
E602842	211.00	212.00	0.3120
E602843	212.00	213.00	0.0300
E602844	213.00	214.00	1.1000
E602846	214.00	215.00	0.5750
E602847	215.00	216.00	0.0060
E602848	216.00	217.00	0.0270
E602849	217.00	218.00	0.0050
E602850	218.00	219.00	0.0100
E602851	219.00	220.00	0.0050
E602852	220.00	221.00	0.0090
E602853	221.00	222.00	1.1400
E602854	222.00	223.00	0.0420
E602856	223.00	224.00	0.0170
E602857	224.00	225.00	1.1400
E602858	225.00	226.00	0.1240
E602859	226.00	227.00	0.0150
E602860	227.00	228.00	0.0080
E602861	228.00	229.00	9.4300
E602862	229.00	230.00	0.5010
E602863	230.00	231.00	0.0790
E602864	231.00	232.00	0.0040
E602866	232.00	233.00	1.8300
E602867	233.00	234.00	0.0760
E602868	234.00	235.00	2.1200
E602869	235.00	235.50	0.6100
E602870	235.50	237.00	3.6100

Hole Number: GC14-002

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E602871	237.00	238.00	0.0220
E602872	238.00	239.00	0.0740
E602873	239.00	239.50	0.0810
E602874	239.50	240.00	0.0110
E602876	240.00	241.00	0.2230
E602877	241.00	242.00	0.1170
E602878	242.00	243.00	0.1540
E602879	243.00	243.50	1.8700
E602880	243.50	244.00	1.2400
E602881	244.00	244.50	0.0650
E602883	244.50	245.00	0.0170
E602884	245.00	246.00	0.1220
E602886	246.00	246.70	0.2210
E602887	246.70	248.00	0.1050
E602888	248.00	248.50	0.3660
E602889	248.50	249.00	0.0920
E602890	249.00	250.40	0.0550
E602891	250.40	250.90	0.1280
E602892	250.90	251.50	0.0900
E602893	251.50	252.00	0.2460
E602894	252.00	253.00	0.2770
E602895	253.00	254.00	0.0340
E602897	254.00	255.00	0.0030
E602898	255.00	256.50	0.0020
E602899	256.50	258.00	0.0060
E602900	258.00	259.50	0.5070
E602901	259.50	261.00	0.0040
E602902	261.00	262.50	0.0250
E602903	262.50	264.00	0.0290
E602904	264.00	265.50	0.0360
E602906	265.50	266.60	0.0220
E602907	266.60	267.80	0.1370
E602908	267.80	268.40	0.0060
E602909	268.40	269.90	0.2370
E602910	269.90	270.60	0.1430
E602911	270.60	271.50	0.0140
E602912	271.50	273.00	0.0130
E602913	273.00	274.50	0.1310
E602914	274.50	276.00	0.0230

Hole Number: GC14-002

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E602915	276.00	276.60	0.0090
E602917	276.60	277.10	0.3790
E602918	277.10	278.00	0.0360
E602919	278.00	279.50	0.0080
E602920	279.50	281.00	0.0005
E602921	281.00	282.00	0.0400
E602922	282.00	282.70	0.0940
E602923	282.70	283.70	0.0070
E602924	283.70	285.00	0.1010
E602926	285.00	286.50	0.0320
E602927	286.50	288.00	0.0690
E602928	288.00	289.50	0.0290
E602929	289.50	290.00	0.0440
E602930	290.00	290.50	0.0860
E602931	290.50	291.00	0.0510
E602932	291.00	292.00	0.0540
E602933	292.00	293.00	0.0040
E602934	293.00	294.00	0.0020
E602936	294.00	295.50	0.0070
E602937	295.50	296.50	0.0480
E602938	296.50	298.00	0.0165
E602939	298.00	299.00	0.1450
E602940	299.00	300.00	0.0610
E602941	300.00	301.50	0.0280
E602942	301.50	302.50	0.0100
E602943	302.50	303.00	0.0960
E602944	303.00	304.50	0.0210
E602945	304.50	305.00	0.0870
E602947	305.00	305.50	0.0430
E602948	305.50	306.40	0.4050
E602949	306.40	307.50	0.0240
E602950	307.50	309.00	0.0030
E602951	309.00	310.50	0.0470
E602952	310.50	312.00	0.0010
E602953	312.00	313.50	0.0180
E602954	313.50	315.00	0.0010
E602955	315.00	316.50	0.0025
E602957	316.50	318.00	0.0180
E602958	318.00	319.50	0.0040



Hole Number: GC14-002

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E602959	319.50	321.00	0.0120
E602960	321.00	321.50	0.0005
E602961	321.50	322.50	0.0030
E602962	322.50	324.00	0.0005
E602963	324.00	325.50	0.0210
E602964	325.50	326.00	0.0430
E602966	326.00	326.50	0.0500
E602967	326.50	327.00	0.0020
E602968	327.00	328.50	0.0020
E602969	328.50	330.00	0.0060
E602970	330.00	331.50	0.0090
E602971	331.50	333.00	0.0400
E602972	333.00	334.50	0.0740
E602973	334.50	336.00	0.1030
E602974	336.00	337.00	0.8780
E602976	337.00	338.50	0.0300
E602977	338.50	340.00	0.0800
E602978	340.00	341.50	0.4050
E602979	341.50	342.00	3.0500
E602980	342.00	342.50	0.9080
E602981	342.50	343.80	0.0180
E602982	343.80	345.00	0.3340
E602983	345.00	345.60	0.7340
E602984	345.60	346.10	0.0550
E602986	346.10	346.60	1.8200
E602987	346.60	347.10	2.6100
E602988	347.10	347.60	0.8360
E602989	347.60	348.10	0.1890
E602990	348.10	348.70	0.6680
E602991	348.70	349.50	0.0640
E602992	349.50	351.00	0.1530
E602993	351.00	352.50	0.1260
E602994	352.50	353.50	0.1480
E602996	353.50	354.00	7.8400
E602997	354.00	355.50	0.1110
E602998	355.50	357.00	0.1010
E602999	357.00	358.50	0.0780
E603000	358.50	360.00	0.0110
E603001	360.00	361.50	0.1240

Hole Number: GC14-002

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603002	361.50	363.00	0.0070
E603003	363.00	364.50	0.0260
E603004	364.50	366.00	0.0040
E603006	366.00	367.50	0.0020
E603007	367.50	369.00	0.0005
E603008	369.00	370.50	0.0470
E603009	370.50	372.00	0.0020
E603010	372.00	373.50	0.0040
E603011	373.50	375.00	0.0200
E603012	375.00	376.50	0.0130
E603013	376.50	378.00	0.0210
E603014	378.00	379.50	0.6990
E603015	379.50	380.00	2.7000
E603017	380.00	380.50	2.9500
E603018	380.50	381.00	4.4100
E603019	381.00	382.50	0.5350
E603020	382.50	384.00	0.0100
E603021	384.00	385.50	0.0220
E603022	385.50	387.00	0.0020
E603023	387.00	388.50	0.0070
E603024	388.50	390.00	0.0140
E603026	390.00	391.50	0.0100
E603027	391.50	393.00	0.0040
E603028	393.00	394.50	0.0140
E603029	394.50	395.30	0.3650
E603030	395.30	396.10	0.0220
E603031	396.10	396.90	0.2310
E603032	396.90	397.90	0.0100
E603033	397.90	399.00	0.0120
E603034	399.00	400.50	0.0150
E603036	400.50	402.00	0.0240
E603037	402.00	403.50	0.0020
E603038	403.50	405.00	0.0120
E603039	405.00	406.50	0.0005
E603040	406.50	408.00	0.0040
E603041	408.00	409.50	0.0005
E603042	409.50	411.00	0.0005
E603043	411.00	412.50	0.0005
E603044	412.50	414.00	0.0010

Hole Number: **GC14-002**

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type <b>ASSAY</b>			
E603046	414.00	415.50	0.0340
E603047	415.50	417.00	0.0310
E603048	417.00	418.50	0.0450
E603049	418.50	420.00	0.0005
E603050	420.00	421.50	0.0070
E603051	421.50	423.00	0.0020
E603052	423.00	424.50	0.0005
E603053	424.50	426.00	0.0540
E603054	426.00	427.50	0.0050
E603056	427.50	429.00	0.0560
E603057	429.00	430.50	0.1040
E603058	430.50	432.00	0.0060
E603059	432.00	433.10	0.3050
E603060	433.10	434.20	0.1190
E603061	434.20	435.00	0.0070
E603062	435.00	436.50	0.0240
E603063	436.50	438.00	0.0040
E603064	438.00	438.90	0.0510
E603065	438.90	439.50	0.0430
E603067	439.50	441.00	0.1290
E603068	441.00	442.50	0.1060
E603069	442.50	444.00	0.1460
E603070	444.00	445.50	0.0310
E603071	445.50	447.00	0.0675
E603072	447.00	448.50	0.0250
E603073	448.50	450.00	0.3800
E603074	450.00	451.50	0.0150
E603076	451.50	453.00	0.0800
E603077	453.00	454.50	0.0590
E603078	454.50	456.00	0.0440
E603079	456.00	456.80	0.0520
E603080	456.80	457.70	0.1500
E603081	457.70	458.60	0.1100
E603082	458.60	459.60	0.0330
E603083	459.60	460.50	0.0420
E603084	460.50	462.00	0.0120
E603086	462.00	463.50	0.0200
E603087	463.50	465.00	0.0150
E603088	465.00	466.50	0.0040

Hole Number: GC14-002

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603089	466.50	468.00	0.1680
E603090	468.00	469.50	0.1650
E603091	469.50	471.00	0.0500
E603092	471.00	472.50	0.0190
E603093	472.50	474.00	0.1110
E603094	474.00	475.50	0.0460
E603096	475.50	477.00	0.3570
E603097	477.00	478.50	0.0400
E603098	478.50	480.00	0.0500
E603099	480.00	481.50	0.0040
E603100	481.50	483.00	0.0090
E603101	483.00	484.50	5.7700
E603102	484.50	486.00	0.0070
E603103	486.00	487.50	1.2200
E603104	487.50	489.00	0.1320
E603106	489.00	490.30	0.0050
E603107	490.30	490.80	0.0220
E603108	490.80	491.70	0.2580
E603109	491.70	493.00	0.0070
E603110	493.00	494.00	0.0030
E603111	494.00	495.00	0.0030
E603112	495.00	496.50	0.0230
E603113	496.50	498.00	0.1270
E603114	498.00	499.50	0.0110
E603116	499.50	501.00	0.0310
E603117	501.00	502.50	0.0370
E603118	502.50	503.00	0.5560
E603119	503.00	503.50	0.5820
E603120	503.50	504.00	0.2380
E603121	504.00	505.50	0.0650
E603122	505.50	507.00	0.0040
E603123	507.00	508.50	0.0260
E603124	508.50	510.00	0.2460
E603126	510.00	511.50	0.0580
E603127	511.50	513.00	0.1500
E603128	513.00	514.50	0.0070
E603129	514.50	516.00	0.0040
E603130	516.00	517.50	0.0110
E603131	517.50	518.00	0.0210

Hole Number: **GC14-002**

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type <b>ASSAY</b>			
E603132	518.00	518.80	0.2870
E603133	518.80	519.50	0.0220
E603134	519.50	520.50	0.0020
E603135	520.50	522.00	0.1480
E603136	522.00	523.50	0.1120
E603137	523.50	525.00	0.0190
E603139	525.00	525.70	0.0720
E603140	525.70	526.40	0.2140
E603141	526.40	527.80	0.0110
E603142	527.80	528.60	0.0030
E603143	528.60	529.50	0.0090
E603144	529.50	531.00	0.0330
E603146	531.00	532.50	0.0120
E603147	532.50	533.50	0.0210
E603148	533.50	534.50	0.0340
E603149	534.50	535.50	0.0680
E603150	535.50	537.00	0.0560
E603151	537.00	538.50	0.0310
E603152	538.50	540.00	0.0730
E603153	540.00	541.50	0.3600
E603154	541.50	543.00	0.0100
E603156	543.00	544.50	0.0090
E603157	544.50	546.00	0.0370
E603158	546.00	547.50	0.0400
E603159	547.50	549.00	0.0250
E603160	549.00	549.50	0.0010
E603161	549.50	550.50	0.0130
E603162	550.50	552.00	0.0430
E603163	552.00	553.50	0.0080
E603164	553.50	555.00	0.0090

# DETAILED LOG

Hole Number: **GC14-003**

Units: METRIC

Project Name: Garrison Creek	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -55.00
Project Number: GARRISON	North: 5371488.00	North:	Collar Az: 250.00
Location: Garrison Township	East: 575848.00	East:	Length: 536.00
	Elev: 300.00	Elev:	Start Depth: 0.00
Date Started: Nov 13, 2014	Collar Survey: N	Plugged: N	Contractor: Garant
Date Completed: Nov 25, 2014	Multishot Survey: N	Hole Size: NQ	Core Storage: Exploration
	Pulse EM Survey: N	Casing: YES	Final Depth: 536.00

Comments:

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	250.00	-55.00	EZ Sho	OK		57.00	250.00	-55.40	EZ Sho	OK	
102.00	250.90	-54.70	EZ Sho	OK		150.00	252.00	-54.10	EZ Sho	OK	
201.00	252.70	-53.50	EZ Sho	OK		252.00	255.90	-53.30	EZ Sho	OK	
300.00	257.70	-52.60	EZ Sho	OK		350.00	257.60	-51.80	EZ Sho	OK	
402.00	258.70	-50.10	EZ Sho	OK		450.00	259.90	-50.20	EZ Sho	OK	
501.00	260.60	-49.70	EZ Sho	OK		546.00	260.90	-49.70	EZ Sho	OK	

### Detailed Lithology

From		To	Lithology	Assay Data			
Sample Number	From	To	Length	Au_gpt_Final			
	0.00	34.30	HPO, OVERBURDEN Overburden				

### DETAILED LOG

Hole Number: **GC14-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
34.30	536.00	<b>ISO, SYENITIC INTRUSIVE</b> Reddish brown to pinkish brown fine to medium grained weakly magnetic syenitic intrusive. Moderate pervasive hematite weak pervasive magnetitic alteration occur throughout with patchy weak chlorite alteration. weak to moderate carbonate stringers at variable angles TCA can be found throughout with an increase around 270m. Near end of hole veining decreases dramatically. Trace-0.5% very fine grained blebby pyrite found locally. EOH	E603561	34.30	35.30	1.00	0.00
			E603562	35.30	36.00	0.70	0.00
			E603563	36.00	37.50	1.50	0.03
			E603564	37.50	39.00	1.50	0.01
			E603565	39.00	40.50	1.50	0.03
			E603566	40.50	42.00	1.50	0.02
			E603567	42.00	43.50	1.50	0.07
			E603568	43.50	45.00	1.50	0.00
			E603569	45.00	46.50	1.50	0.01
			E603570	46.50	48.00	1.50	0.09
			E603571	48.00	48.70	0.70	0.01
			E603572	48.70	49.80	1.10	0.05
			E603573	49.80	51.00	1.20	0.04
			E603574	51.00	51.70	0.70	0.07
			E603576	51.70	52.50	0.80	0.06
			E603577	52.50	54.00	1.50	0.02
			E603578	54.00	55.50	1.50	0.02
			E603579	55.50	57.00	1.50	0.01
			E603580	57.00	58.50	1.50	0.03
			E603581	58.50	60.00	1.50	0.00
			E603582	60.00	61.50	1.50	0.00
			E603583	61.50	63.00	1.50	0.00
			E603584	63.00	64.50	1.50	0.10
			E603585	64.50	66.00	1.50	0.03
			E603587	66.00	67.50	1.50	0.02
			E603588	67.50	69.00	1.50	0.00
			E603589	69.00	70.50	1.50	0.00
			E603590	70.50	71.20	0.70	0.01
			E603591	71.20	72.00	0.80	0.07
			E603592	72.00	73.00	1.00	0.09
		E603593	73.00	73.50	0.50	0.13	
		E603594	73.50	74.20	0.70	0.98	
		E603595	74.20	75.00	0.80	0.03	
		E603597	75.00	76.50	1.50	0.01	
		E603598	76.50	78.00	1.50	0.01	
		E603599	78.00	79.50	1.50	0.01	
		E603600	79.50	81.00	1.50	0.00	
		E603601	81.00	82.50	1.50	0.00	
		E603602	82.50	84.00	1.50	0.01	
		E603603	84.00	85.50	1.50	0.00	
		E603604	85.50	87.00	1.50	0.00	
		E603605	87.00	88.50	1.50	0.00	

## DETAILED LOG

Hole Number: GC14-003

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603607	88.50	90.00	1.50	0.00
			E603608	90.00	91.50	1.50	0.00
			E603609	91.50	93.00	1.50	0.00
			E603610	93.00	94.50	1.50	0.00
			E603611	94.50	96.00	1.50	0.00
			E603612	96.00	97.50	1.50	0.01
			E603613	97.50	99.00	1.50	0.04
			E603614	99.00	100.50	1.50	0.01
			E603615	100.50	102.00	1.50	0.00
			E603617	102.00	103.50	1.50	0.00
			E603618	103.50	105.00	1.50	0.00
			E603619	105.00	106.50	1.50	0.02
			E603620	106.50	108.00	1.50	0.17
			E603621	108.00	109.50	1.50	0.01
			E603622	109.50	111.00	1.50	0.00
			E603623	111.00	112.50	1.50	0.00
			E603624	112.50	114.00	1.50	0.06
			E603626	114.00	115.50	1.50	0.26
			E603627	115.50	117.00	1.50	0.07
			E603628	117.00	118.20	1.20	0.03
			E603629	118.20	119.00	0.80	0.00
			E603630	119.00	120.00	1.00	0.01
			E603631	120.00	121.50	1.50	0.06
			E603632	121.50	123.00	1.50	0.23
			E603633	123.00	124.50	1.50	0.01
			E603634	124.50	126.00	1.50	0.01
			E603636	126.00	127.50	1.50	0.00
			E603637	127.50	129.00	1.50	0.01
			E603638	129.00	130.50	1.50	0.03
			E603639	130.50	132.00	1.50	0.01
			E603640	132.00	133.50	1.50	0.02
			E603641	133.50	135.00	1.50	0.01
			E603642	135.00	136.50	1.50	0.81
			E603643	136.50	138.00	1.50	0.34
			E603644	138.00	139.50	1.50	0.16
			E603645	139.50	141.00	1.50	0.01
			E603647	141.00	142.50	1.50	0.00
			E603648	142.50	144.00	1.50	0.00
			E603649	144.00	145.50	1.50	0.00
			E603650	145.50	147.00	1.50	0.01
			E603651	147.00	148.50	1.50	0.00
			E603652	148.50	150.00	1.50	0.04



### DETAILED LOG

Hole Number: **GC14-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603653	150.00	151.50	1.50	0.03
			E603654	151.50	153.00	1.50	0.04
			E603655	153.00	154.50	1.50	0.04
			E603656	154.50	156.00	1.50	0.61
			E603658	156.00	157.50	1.50	0.02
			E603659	157.50	159.00	1.50	0.02
			E603660	159.00	160.50	1.50	0.00
			E603661	160.50	162.00	1.50	0.00
			E603662	162.00	163.50	1.50	0.01
			E603663	163.50	165.00	1.50	0.02
			E603664	165.00	165.80	0.80	0.14
			E603666	165.80	166.50	0.70	0.15
			E603667	166.50	168.00	1.50	0.01
			E603668	168.00	169.50	1.50	0.01
			E603669	169.50	171.00	1.50	0.01
			E603670	171.00	172.50	1.50	0.00
			E603671	172.50	174.00	1.50	0.00
			E603672	174.00	175.50	1.50	0.00
			E603673	175.50	177.00	1.50	0.09
			E603674	177.00	178.50	1.50	0.03
			E603676	178.50	180.00	1.50	0.02
			E603677	180.00	181.50	1.50	0.00
			E603678	181.50	183.00	1.50	0.03
			E603679	183.00	184.50	1.50	0.00
			E603680	184.50	186.00	1.50	0.00
			E603681	186.00	187.50	1.50	0.00
			E603682	187.50	188.00	0.50	0.00
			E603683	188.00	189.00	1.00	0.09
			E603684	189.00	190.50	1.50	0.02
			E603686	190.50	191.00	0.50	0.17
			E603687	191.00	192.00	1.00	0.00
			E603688	192.00	193.50	1.50	0.03
			E603689	193.50	195.00	1.50	0.02
			E603690	195.00	196.50	1.50	0.01
			E603691	196.50	198.00	1.50	0.03
			E603692	198.00	199.50	1.50	0.01
			E603693	199.50	201.00	1.50	0.06
			E603694	201.00	202.50	1.50	0.12
			E603696	202.50	204.00	1.50	0.01
			E603697	204.00	205.80	1.80	0.07
			E603698	205.80	207.00	1.20	0.08
			E603699	207.00	208.50	1.50	0.01

## DETAILED LOG

Hole Number: GC14-003

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603700	208.50	210.00	1.50	0.02
			E603701	210.00	211.50	1.50	0.01
			E603702	211.50	213.00	1.50	0.00
			E603703	213.00	214.50	1.50	0.00
			E603704	214.50	216.00	1.50	0.01
			E603706	216.00	217.50	1.50	0.11
			E603707	217.50	219.00	1.50	0.03
			E603708	219.00	220.50	1.50	0.08
			E603709	220.50	222.00	1.50	0.02
			E603710	222.00	223.50	1.50	0.00
			E603711	223.50	225.00	1.50	0.01
			E603712	225.00	226.50	1.50	0.00
			E603713	226.50	228.00	1.50	0.00
			E603714	228.00	229.50	1.50	0.00
			E603716	229.50	231.00	1.50	0.00
			E603717	231.00	232.50	1.50	0.00
			E603718	232.50	234.00	1.50	0.00
			E603719	234.00	235.50	1.50	0.02
			E603720	235.50	237.00	1.50	0.02
			E603721	237.00	238.50	1.50	0.00
			E603722	238.50	240.00	1.50	0.00
			E603723	240.00	241.50	1.50	0.00
			E603724	241.50	243.00	1.50	0.02
			E603726	243.00	243.50	0.50	0.13
			E603727	243.50	244.00	0.50	0.33
			E603728	244.00	244.50	0.50	0.13
			E603729	244.50	246.00	1.50	0.00
			E603730	246.00	247.50	1.50	0.00
			E603731	247.50	249.00	1.50	0.00
			E603732	249.00	250.50	1.50	0.12
			E603733	250.50	252.00	1.50	0.03
			E603734	252.00	253.50	1.50	0.00
			E603735	253.50	255.00	1.50	0.05
			E603737	255.00	256.50	1.50	0.04
			E603738	256.50	258.00	1.50	0.08
			E603739	258.00	259.50	1.50	0.01
			E603740	259.50	261.00	1.50	0.00
			E603741	261.00	262.50	1.50	0.08
			E603742	262.50	264.00	1.50	0.05
			E603743	264.00	265.50	1.50	0.04
			E603744	265.50	267.00	1.50	0.19
			E603746	267.00	268.20	1.20	0.22

## DETAILED LOG

Hole Number: GC14-003

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603747	268.20	269.00	0.80	0.09
			E603748	269.00	270.00	1.00	0.00
			E603749	270.00	271.50	1.50	0.04
			E603750	271.50	273.00	1.50	0.01
			E603751	273.00	274.50	1.50	0.01
			E603752	274.50	276.00	1.50	0.01
			E603753	276.00	277.50	1.50	0.01
			E603754	277.50	279.00	1.50	0.01
			E603755	279.00	280.50	1.50	0.09
			E603757	280.50	281.10	0.60	0.10
			E603758	281.10	281.80	0.70	0.09
			E603759	281.80	282.40	0.60	0.14
			E603760	282.40	283.50	1.10	0.02
			E603761	283.50	285.00	1.50	0.01
			E603762	285.00	286.50	1.50	0.02
			E603763	286.50	288.00	1.50	0.10
			E603764	288.00	288.50	0.50	0.14
			E603766	288.50	289.00	0.50	0.26
			E603767	289.00	290.00	1.00	0.07
			E603768	290.00	290.50	0.50	8.69
			E603769	290.50	291.20	0.70	0.05
			E603770	291.20	292.50	1.30	0.04
			E603771	292.50	294.00	1.50	0.05
			E603772	294.00	295.50	1.50	0.04
			E603773	295.50	296.10	0.60	0.01
			E603774	296.10	296.60	0.50	0.23
			E603776	296.60	297.10	0.50	0.00
			E603777	297.10	298.60	1.50	0.00
			E603778	298.60	299.30	0.70	0.06
			E603779	299.30	299.80	0.50	0.11
			E603780	299.80	300.30	0.50	20.45
			E603781	300.30	301.20	0.90	0.17
			E603782	301.20	302.40	1.20	0.02
			E603783	302.40	303.00	0.60	0.01
			E603784	303.00	303.60	0.60	0.01
			E603786	303.60	304.20	0.60	0.70
			E603787	304.20	305.00	0.80	0.78
			E603788	305.00	306.00	1.00	0.19
			E603789	306.00	307.50	1.50	0.05
			E603790	307.50	308.00	0.50	0.01
			E603791	308.00	308.50	0.50	0.03
			E603792	308.50	309.00	0.50	0.02

### DETAILED LOG

Hole Number: **GC14-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603793	309.00	310.50	1.50	0.12
			E603794	310.50	312.00	1.50	0.01
			E603796	312.00	313.50	1.50	0.02
			E603797	313.50	315.00	1.50	0.03
			E603798	315.00	316.50	1.50	0.03
			E603799	316.50	318.00	1.50	0.01
			E603800	318.00	319.50	1.50	0.01
			E603801	319.50	321.00	1.50	0.16
			E603802	321.00	322.50	1.50	0.04
			E603803	322.50	324.00	1.50	0.01
			E603804	324.00	325.50	1.50	0.00
			E603805	325.50	327.00	1.50	0.01
			E603807	327.00	328.50	1.50	0.02
			E603808	328.50	330.00	1.50	0.11
			E603809	330.00	331.50	1.50	0.01
			E603810	331.50	333.00	1.50	0.00
			E603811	333.00	334.50	1.50	0.00
			E603812	334.50	336.00	1.50	0.00
			E603813	336.00	337.50	1.50	0.01
			E603814	337.50	339.00	1.50	0.00
			E603816	339.00	340.50	1.50	0.00
			E603817	340.50	342.00	1.50	0.00
			E603818	342.00	343.50	1.50	0.00
			E603819	343.50	345.00	1.50	0.00
			E603820	345.00	346.50	1.50	0.00
			E603821	346.50	348.00	1.50	0.03
			E603822	348.00	349.50	1.50	0.66
			E603823	349.50	351.00	1.50	0.04
			E603824	351.00	352.50	1.50	0.04
			E603826	352.50	354.00	1.50	0.00
			E603827	354.00	355.50	1.50	0.01
			E603828	355.50	357.00	1.50	0.01
			E603829	357.00	358.50	1.50	0.01
			E603830	358.50	360.00	1.50	0.00
			E603831	360.00	361.50	1.50	0.00
			E603832	361.50	363.00	1.50	0.02
			E603833	363.00	364.50	1.50	0.01
			E603834	364.50	366.00	1.50	0.00
			E603835	366.00	367.50	1.50	0.00
			E603836	367.50	369.00	1.50	0.00
			E603837	369.00	370.50	1.50	0.08
			E603838	370.50	372.00	1.50	0.06

## DETAILED LOG

Hole Number: GC14-003

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603839	372.00	373.50	1.50	0.00
			E603840	373.50	375.00	1.50	0.00
			E603841	375.00	376.50	1.50	0.00
			E603842	376.50	378.00	1.50	0.00
			E603843	378.00	379.50	1.50	0.00
			E603844	379.50	381.00	1.50	0.00
			E603846	381.00	382.50	1.50	0.00
			E603847	382.50	384.00	1.50	0.00
			E603848	384.00	385.50	1.50	0.00
			E603849	385.50	387.00	1.50	0.04
			E603850	387.00	387.50	0.50	0.05
			E603851	387.50	388.00	0.50	0.10
			E603852	388.00	388.50	0.50	0.03
			E603853	388.50	389.00	0.50	0.39
			E603855	389.00	390.00	1.00	0.19
			E603856	390.00	391.50	1.50	0.03
			E603857	391.50	393.00	1.50	0.01
			E603858	393.00	394.50	1.50	0.02
			E603859	394.50	396.00	1.50	0.01
			E603860	396.00	397.50	1.50	0.11
			E603861	397.50	399.00	1.50	0.01
			E603862	399.00	400.50	1.50	0.02
			E603863	400.50	401.90	1.40	0.00
			E603864	401.90	402.40	0.50	0.05
			E603866	402.40	403.00	0.60	0.68
			E603867	403.00	403.60	0.60	0.05
			E603868	403.60	404.20	0.60	0.01
			E603869	404.20	405.00	0.80	0.01
			E603870	405.00	406.50	1.50	0.01
			E603871	406.50	408.00	1.50	0.00
			E603872	408.00	409.50	1.50	0.01
			E603873	409.50	411.00	1.50	0.00
			E603874	411.00	411.70	0.70	0.01
			E603876	411.70	412.40	0.70	0.01
			E603877	412.40	413.10	0.70	0.02
			E603878	413.10	414.00	0.90	0.01
			E603879	414.00	415.50	1.50	0.02
			E603880	415.50	416.20	0.70	0.74
			E603881	416.20	417.00	0.80	0.00
			E603882	417.00	418.50	1.50	0.00
			E603883	418.50	419.30	0.80	0.00
			E603884	419.30	420.00	0.70	0.14

**DETAILED LOG**

Hole Number: **GC14-003**

Units: **METRIC**

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603885	420.00	421.30	1.30	0.00
			E603887	421.30	421.80	0.50	0.00
			E603888	421.80	423.00	1.20	0.07
			E603889	423.00	424.50	1.50	0.01
			E603890	424.50	426.00	1.50	0.03
			E603891	426.00	427.50	1.50	0.23
			E603892	427.50	429.00	1.50	0.26
			E603893	429.00	430.50	1.50	0.12
			E603894	430.50	432.00	1.50	0.03
			E603896	432.00	433.50	1.50	0.02
			E603897	433.50	435.00	1.50	0.09
			E603898	435.00	436.50	1.50	0.01
			E603899	436.50	438.00	1.50	0.06
			E603900	438.00	439.50	1.50	0.01
			E603901	439.50	441.00	1.50	0.01
			E603902	441.00	442.50	1.50	0.00
			E603903	442.50	444.00	1.50	0.00
			E603904	444.00	445.50	1.50	0.01
			E402964	445.50	447.00	1.50	0.01
			E603906	447.00	448.50	1.50	0.56
			E603907	448.50	450.00	1.50	0.56
			E603908	450.00	451.50	1.50	0.02
			E603909	451.50	453.00	1.50	0.01
			E603910	453.00	454.50	1.50	0.01
			E603911	454.50	456.00	1.50	0.00
			E603912	456.00	457.50	1.50	0.00
			E603913	457.50	459.00	1.50	0.00
			E603914	459.00	460.50	1.50	0.01
			E603916	460.50	462.00	1.50	0.22
			E603917	462.00	463.50	1.50	0.04
			E603918	463.50	465.00	1.50	0.03
			E603919	465.00	466.50	1.50	0.00
			E603920	466.50	468.00	1.50	0.00
			E603921	468.00	469.50	1.50	0.01
			E603922	469.50	471.00	1.50	0.00
			E603923	471.00	472.50	1.50	0.00
			E603924	472.50	474.00	1.50	0.00
			E603926	474.00	475.50	1.50	0.00
			E603927	475.50	477.00	1.50	0.00
			E603928	477.00	478.50	1.50	0.00
			E603929	478.50	480.00	1.50	0.00
			E603930	480.00	481.50	1.50	0.00

## DETAILED LOG

Hole Number: GC14-003

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E603931	481.50	483.00	1.50	0.00
			E603932	483.00	484.50	1.50	0.00
			E603933	484.50	486.00	1.50	0.09
			E603934	486.00	487.50	1.50	0.00
			E603936	487.50	489.00	1.50	0.00
			E603937	489.00	490.50	1.50	0.00
			E603938	490.50	492.00	1.50	0.00
			E603939	492.00	493.50	1.50	0.00
			E603940	493.50	495.00	1.50	0.00
			E603941	495.00	496.50	1.50	0.00
			E603942	496.50	498.00	1.50	0.00
			E603943	498.00	499.50	1.50	0.00
			E603944	499.50	501.00	1.50	0.00
			E603946	501.00	502.50	1.50	0.00
			E603947	502.50	504.00	1.50	0.00
			E603948	504.00	505.50	1.50	0.01
			E603949	505.50	507.00	1.50	0.00
			E603950	507.00	508.50	1.50	0.00
			E603952	508.50	510.00	1.50	0.00
			E603953	510.00	511.50	1.50	0.00
			E603954	511.50	513.00	1.50	0.00
			E603956	513.00	514.50	1.50	0.00
			E603957	514.50	516.00	1.50	0.02
			E603958	516.00	517.50	1.50	0.02
			E603959	517.50	518.40	0.90	0.01
			E603960	518.40	519.00	0.60	0.07
			E603961	519.00	519.60	0.60	0.21
			E603962	519.60	520.50	0.90	0.01
			E603963	520.50	522.00	1.50	0.00
			E603964	522.00	523.50	1.50	0.01
			E603966	523.50	524.00	0.50	0.03
			E603967	524.00	525.00	1.00	0.01
			E603968	525.00	526.50	1.50	0.01
			E603969	526.50	528.00	1.50	0.00
			E603970	528.00	529.50	1.50	0.00
			E603971	529.50	531.00	1.50	0.00
			E603972	531.00	532.50	1.50	0.00
			E603973	532.50	534.00	1.50	0.01
			E603974	534.00	535.50	1.50	0.00
			E603976	535.50	537.00	1.50	0.00

Hole Number: GC14-003

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603561	34.30	35.30	0.0018
E603562	35.30	36.00	0.0030
E603563	36.00	37.50	0.0330
E603564	37.50	39.00	0.0070
E603565	39.00	40.50	0.0290
E603566	40.50	42.00	0.0170
E603567	42.00	43.50	0.0650
E603568	43.50	45.00	0.0040
E603569	45.00	46.50	0.0080
E603570	46.50	48.00	0.0860
E603571	48.00	48.70	0.0120
E603572	48.70	49.80	0.0480
E603573	49.80	51.00	0.0380
E603574	51.00	51.70	0.0680
E603576	51.70	52.50	0.0630
E603577	52.50	54.00	0.0225
E603578	54.00	55.50	0.0150
E603579	55.50	57.00	0.0060
E603580	57.00	58.50	0.0310
E603581	58.50	60.00	0.0040
E603582	60.00	61.50	0.0040
E603583	61.50	63.00	0.0040
E603584	63.00	64.50	0.1020
E603585	64.50	66.00	0.0280
E603587	66.00	67.50	0.0180
E603588	67.50	69.00	0.0010
E603589	69.00	70.50	0.0010
E603590	70.50	71.20	0.0070
E603591	71.20	72.00	0.0690
E603592	72.00	73.00	0.0890
E603593	73.00	73.50	0.1295
E603594	73.50	74.20	0.9760
E603595	74.20	75.00	0.0290
E603597	75.00	76.50	0.0140
E603598	76.50	78.00	0.0110
E603599	78.00	79.50	0.0130
E603600	79.50	81.00	0.0005
E603601	81.00	82.50	0.0020
E603602	82.50	84.00	0.0110



Hole Number: GC14-003

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603603	84.00	85.50	0.0005
E603604	85.50	87.00	0.0040
E603605	87.00	88.50	0.0010
E603607	88.50	90.00	0.0030
E603608	90.00	91.50	0.0005
E603609	91.50	93.00	0.0020
E603610	93.00	94.50	0.0020
E603611	94.50	96.00	0.0015
E603612	96.00	97.50	0.0050
E603613	97.50	99.00	0.0350
E603614	99.00	100.50	0.0140
E603615	100.50	102.00	0.0040
E603617	102.00	103.50	0.0030
E603618	103.50	105.00	0.0005
E603619	105.00	106.50	0.0200
E603620	106.50	108.00	0.1740
E603621	108.00	109.50	0.0050
E603622	109.50	111.00	0.0005
E603623	111.00	112.50	0.0020
E603624	112.50	114.00	0.0610
E603626	114.00	115.50	0.2590
E603627	115.50	117.00	0.0715
E603628	117.00	118.20	0.0330
E603629	118.20	119.00	0.0020
E603630	119.00	120.00	0.0090
E603631	120.00	121.50	0.0620
E603632	121.50	123.00	0.2330
E603633	123.00	124.50	0.0060
E603634	124.50	126.00	0.0060
E603636	126.00	127.50	0.0030
E603637	127.50	129.00	0.0050
E603638	129.00	130.50	0.0250
E603639	130.50	132.00	0.0090
E603640	132.00	133.50	0.0220
E603641	133.50	135.00	0.0080
E603642	135.00	136.50	0.8070
E603643	136.50	138.00	0.3440
E603644	138.00	139.50	0.1610
E603645	139.50	141.00	0.0130

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Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603647	141.00	142.50	0.0030
E603648	142.50	144.00	0.0005
E603649	144.00	145.50	0.0020
E603650	145.50	147.00	0.0060
E603651	147.00	148.50	0.0020
E603652	148.50	150.00	0.0370
E603653	150.00	151.50	0.0270
E603654	151.50	153.00	0.0430
E603655	153.00	154.50	0.0350
E603656	154.50	156.00	0.6110
E603658	156.00	157.50	0.0200
E603659	157.50	159.00	0.0230
E603660	159.00	160.50	0.0005
E603661	160.50	162.00	0.0010
E603662	162.00	163.50	0.0100
E603663	163.50	165.00	0.0190
E603664	165.00	165.80	0.1430
E603666	165.80	166.50	0.1480
E603667	166.50	168.00	0.0080
E603668	168.00	169.50	0.0070
E603669	169.50	171.00	0.0100
E603670	171.00	172.50	0.0005
E603671	172.50	174.00	0.0005
E603672	174.00	175.50	0.0020
E603673	175.50	177.00	0.0930
E603674	177.00	178.50	0.0250
E603676	178.50	180.00	0.0200
E603677	180.00	181.50	0.0020
E603678	181.50	183.00	0.0340
E603679	183.00	184.50	0.0020
E603680	184.50	186.00	0.0040
E603681	186.00	187.50	0.0030
E603682	187.50	188.00	0.0030
E603683	188.00	189.00	0.0860
E603684	189.00	190.50	0.0230
E603686	190.50	191.00	0.1710
E603687	191.00	192.00	0.0030
E603688	192.00	193.50	0.0310
E603689	193.50	195.00	0.0170

Hole Number: GC14-003

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603690	195.00	196.50	0.0130
E603691	196.50	198.00	0.0340
E603692	198.00	199.50	0.0050
E603693	199.50	201.00	0.0550
E603694	201.00	202.50	0.1220
E603696	202.50	204.00	0.0090
E603697	204.00	205.80	0.0710
E603698	205.80	207.00	0.0800
E603699	207.00	208.50	0.0080
E603700	208.50	210.00	0.0200
E603701	210.00	211.50	0.0110
E603702	211.50	213.00	0.0010
E603703	213.00	214.50	0.0010
E603704	214.50	216.00	0.0050
E603706	216.00	217.50	0.1140
E603707	217.50	219.00	0.0260
E603708	219.00	220.50	0.0790
E603709	220.50	222.00	0.0180
E603710	222.00	223.50	0.0040
E603711	223.50	225.00	0.0130
E603712	225.00	226.50	0.0010
E603713	226.50	228.00	0.0010
E603714	228.00	229.50	0.0010
E603716	229.50	231.00	0.0005
E603717	231.00	232.50	0.0005
E603718	232.50	234.00	0.0020
E603719	234.00	235.50	0.0180
E603720	235.50	237.00	0.0170
E603721	237.00	238.50	0.0030
E603722	238.50	240.00	0.0020
E603723	240.00	241.50	0.0005
E603724	241.50	243.00	0.0150
E603726	243.00	243.50	0.1340
E603727	243.50	244.00	0.3260
E603728	244.00	244.50	0.1270
E603729	244.50	246.00	0.0005
E603730	246.00	247.50	0.0005
E603731	247.50	249.00	0.0040
E603732	249.00	250.50	0.1180

Hole Number: GC14-003

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603733	250.50	252.00	0.0330
E603734	252.00	253.50	0.0020
E603735	253.50	255.00	0.0510
E603737	255.00	256.50	0.0410
E603738	256.50	258.00	0.0820
E603739	258.00	259.50	0.0080
E603740	259.50	261.00	0.0010
E603741	261.00	262.50	0.0830
E603742	262.50	264.00	0.0450
E603743	264.00	265.50	0.0430
E603744	265.50	267.00	0.1870
E603746	267.00	268.20	0.2240
E603747	268.20	269.00	0.0940
E603748	269.00	270.00	0.0030
E603749	270.00	271.50	0.0390
E603750	271.50	273.00	0.0100
E603751	273.00	274.50	0.0110
E603752	274.50	276.00	0.0070
E603753	276.00	277.50	0.0050
E603754	277.50	279.00	0.0100
E603755	279.00	280.50	0.0870
E603757	280.50	281.10	0.0980
E603758	281.10	281.80	0.0910
E603759	281.80	282.40	0.1360
E603760	282.40	283.50	0.0180
E603761	283.50	285.00	0.0140
E603762	285.00	286.50	0.0190
E603763	286.50	288.00	0.0990
E603764	288.00	288.50	0.1350
E603766	288.50	289.00	0.2570
E603767	289.00	290.00	0.0720
E603768	290.00	290.50	8.6900
E603769	290.50	291.20	0.0540
E603770	291.20	292.50	0.0410
E603771	292.50	294.00	0.0540
E603772	294.00	295.50	0.0430
E603773	295.50	296.10	0.0080
E603774	296.10	296.60	0.2300
E603776	296.60	297.10	0.0010

Hole Number: GC14-003

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603777	297.10	298.60	0.0030
E603778	298.60	299.30	0.0640
E603779	299.30	299.80	0.1060
E603780	299.80	300.30	20.4500
E603781	300.30	301.20	0.1690
E603782	301.20	302.40	0.0210
E603783	302.40	303.00	0.0090
E603784	303.00	303.60	0.0050
E603786	303.60	304.20	0.6970
E603787	304.20	305.00	0.7780
E603788	305.00	306.00	0.1940
E603789	306.00	307.50	0.0530
E603790	307.50	308.00	0.0050
E603791	308.00	308.50	0.0260
E603792	308.50	309.00	0.0170
E603793	309.00	310.50	0.1175
E603794	310.50	312.00	0.0090
E603796	312.00	313.50	0.0240
E603797	313.50	315.00	0.0290
E603798	315.00	316.50	0.0300
E603799	316.50	318.00	0.0060
E603800	318.00	319.50	0.0080
E603801	319.50	321.00	0.1580
E603802	321.00	322.50	0.0390
E603803	322.50	324.00	0.0090
E603804	324.00	325.50	0.0020
E603805	325.50	327.00	0.0070
E603807	327.00	328.50	0.0220
E603808	328.50	330.00	0.1050
E603809	330.00	331.50	0.0120
E603810	331.50	333.00	0.0010
E603811	333.00	334.50	0.0020
E603812	334.50	336.00	0.0005
E603813	336.00	337.50	0.0050
E603814	337.50	339.00	0.0030
E603816	339.00	340.50	0.0030
E603817	340.50	342.00	0.0005
E603818	342.00	343.50	0.0005
E603819	343.50	345.00	0.0005

Hole Number: GC14-003

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603820	345.00	346.50	0.0020
E603821	346.50	348.00	0.0250
E603822	348.00	349.50	0.6570
E603823	349.50	351.00	0.0390
E603824	351.00	352.50	0.0370
E603826	352.50	354.00	0.0020
E603827	354.00	355.50	0.0070
E603828	355.50	357.00	0.0060
E603829	357.00	358.50	0.0060
E603830	358.50	360.00	0.0040
E603831	360.00	361.50	0.0020
E603832	361.50	363.00	0.0220
E603833	363.00	364.50	0.0070
E603834	364.50	366.00	0.0020
E603835	366.00	367.50	0.0010
E603836	367.50	369.00	0.0005
E603837	369.00	370.50	0.0810
E603838	370.50	372.00	0.0580
E603839	372.00	373.50	0.0030
E603840	373.50	375.00	0.0030
E603841	375.00	376.50	0.0020
E603842	376.50	378.00	0.0020
E603843	378.00	379.50	0.0005
E603844	379.50	381.00	0.0020
E603846	381.00	382.50	0.0005
E603847	382.50	384.00	0.0005
E603848	384.00	385.50	0.0005
E603849	385.50	387.00	0.0400
E603850	387.00	387.50	0.0510
E603851	387.50	388.00	0.0980
E603852	388.00	388.50	0.0270
E603853	388.50	389.00	0.3880
E603855	389.00	390.00	0.1900
E603856	390.00	391.50	0.0260
E603857	391.50	393.00	0.0050
E603858	393.00	394.50	0.0190
E603859	394.50	396.00	0.0130
E603860	396.00	397.50	0.1090
E603861	397.50	399.00	0.0060

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Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E603862	399.00	400.50	0.0160
E603863	400.50	401.90	0.0005
E603864	401.90	402.40	0.0540
E603866	402.40	403.00	0.6790
E603867	403.00	403.60	0.0450
E603868	403.60	404.20	0.0060
E603869	404.20	405.00	0.0090
E603870	405.00	406.50	0.0070
E603871	406.50	408.00	0.0005
E603872	408.00	409.50	0.0060
E603873	409.50	411.00	0.0005
E603874	411.00	411.70	0.0050
E603876	411.70	412.40	0.0060
E603877	412.40	413.10	0.0190
E603878	413.10	414.00	0.0120
E603879	414.00	415.50	0.0150
E603880	415.50	416.20	0.7380
E603881	416.20	417.00	0.0040
E603882	417.00	418.50	0.0040
E603883	418.50	419.30	0.0040
E603884	419.30	420.00	0.1355
E603885	420.00	421.30	0.0010
E603887	421.30	421.80	0.0005
E603888	421.80	423.00	0.0660
E603889	423.00	424.50	0.0070
E603890	424.50	426.00	0.0320
E603891	426.00	427.50	0.2290
E603892	427.50	429.00	0.2580
E603893	429.00	430.50	0.1200
E603894	430.50	432.00	0.0330
E603896	432.00	433.50	0.0220
E603897	433.50	435.00	0.0880
E603898	435.00	436.50	0.0070
E603899	436.50	438.00	0.0630
E603900	438.00	439.50	0.0110
E603901	439.50	441.00	0.0130
E603902	441.00	442.50	0.0005
E603903	442.50	444.00	0.0010
E603904	444.00	445.50	0.0100

Hole Number: GC14-003

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E402964	445.50	447.00	0.0080
E603906	447.00	448.50	0.5640
E603907	448.50	450.00	0.5550
E603908	450.00	451.50	0.0150
E603909	451.50	453.00	0.0090
E603910	453.00	454.50	0.0060
E603911	454.50	456.00	0.0005
E603912	456.00	457.50	0.0010
E603913	457.50	459.00	0.0030
E603914	459.00	460.50	0.0090
E603916	460.50	462.00	0.2160
E603917	462.00	463.50	0.0360
E603918	463.50	465.00	0.0295
E603919	465.00	466.50	0.0030
E603920	466.50	468.00	0.0020
E603921	468.00	469.50	0.0110
E603922	469.50	471.00	0.0040
E603923	471.00	472.50	0.0005
E603924	472.50	474.00	0.0005
E603926	474.00	475.50	0.0020
E603927	475.50	477.00	0.0005
E603928	477.00	478.50	0.0010
E603929	478.50	480.00	0.0005
E603930	480.00	481.50	0.0030
E603931	481.50	483.00	0.0010
E603932	483.00	484.50	0.0020
E603933	484.50	486.00	0.0880
E603934	486.00	487.50	0.0010
E603936	487.50	489.00	0.0005
E603937	489.00	490.50	0.0005
E603938	490.50	492.00	0.0020
E603939	492.00	493.50	0.0010
E603940	493.50	495.00	0.0005
E603941	495.00	496.50	0.0005
E603942	496.50	498.00	0.0005
E603943	498.00	499.50	0.0005
E603944	499.50	501.00	0.0005
E603946	501.00	502.50	0.0005
E603947	502.50	504.00	0.0005



Hole Number: GC14-003

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603948	504.00	505.50	0.0060
E603949	505.50	507.00	0.0005
E603950	507.00	508.50	0.0020
E603952	508.50	510.00	0.0040
E603953	510.00	511.50	0.0005
E603954	511.50	513.00	0.0005
E603956	513.00	514.50	0.0040
E603957	514.50	516.00	0.0190
E603958	516.00	517.50	0.0160
E603959	517.50	518.40	0.0060
E603960	518.40	519.00	0.0710
E603961	519.00	519.60	0.2130
E603962	519.60	520.50	0.0080
E603963	520.50	522.00	0.0020
E603964	522.00	523.50	0.0070
E603966	523.50	524.00	0.0330
E603967	524.00	525.00	0.0070
E603968	525.00	526.50	0.0060
E603969	526.50	528.00	0.0010
E603970	528.00	529.50	0.0005
E603971	529.50	531.00	0.0010
E603972	531.00	532.50	0.0008
E603973	532.50	534.00	0.0050
E603974	534.00	535.50	0.0020
E603976	535.50	537.00	0.0020
E603977	537.00	538.50	0.0005
E603978	538.50	540.00	0.0030
E603979	540.00	541.50	0.0020
E603980	541.50	543.00	0.0020
E603981	543.00	544.50	0.0005
E603982	544.50	546.00	0.0010

# DETAILED LOG

Hole Number: **GC14-004**

Units: METRIC

Project Name: Garrison Creek	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -55.00
Project Number: GARRISON	North: 575939.00	North:	Collar Az: 250.00
Location: Garrison Township	East: 5371358.00	East:	Length: 501.00
	Elev: 300.00	Elev:	Start Depth: 0.00
Date Started: Nov 26, 2014	Collar Survey: Y	Plugged: N	Contractor: Garant
Date Completed: Dec 3, 2014	Multishot Survey: N	Hole Size: NQ	Final Depth: 501.00
	Pulse EM Survey: N	Casing:	Core Storage: Exploration

Comments:

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
<b>39.00</b>	243.70	-55.40	EZ Sho	OK		<b>51.00</b>	242.30	-55.40	EZ Sho	OK	
<b>63.00</b>	242.30	-55.40	EZ Sho	OK		<b>102.00</b>	241.90	-55.60	EZ Sho	OK	
<b>141.00</b>	241.90	-55.60	EZ Sho	OK		<b>150.00</b>	244.50	-55.30	EZ Sho	OK	
<b>201.00</b>	245.60	-55.20	EZ Sho	OK		<b>249.00</b>	244.60	-55.20	EZ Sho	OK	
<b>251.00</b>	247.30	-54.80	EZ Sho	OK		<b>300.00</b>	248.20	-55.10	EZ Sho	OK	
<b>400.00</b>	248.40	-54.50	EZ Sho	OK		<b>450.00</b>	246.50	-55.50	EZ Sho	OK	
<b>501.00</b>	259.80	-54.10	EZ Sho	OK							

### Detailed Lithology

From		To	Lithology	Assay Data				
				Sample Number	From	To	Length	Au_gpt_Final
0.00		18.00	<b>HPO, OVERBURDEN</b> 0.0m-18.0m; Overburden					

### DETAILED LOG

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
18.00	237.10	<b>ISO, SYENITIC INTRUSIVE</b> ISO, syenite intrusive. Reddish brown to pinkish brown in colour. Fine to med grained. Moderate to pervasive hematite altered, patchy wk clorite altered. Overall, slightly magnetic. 1-2% carb/qtz stringers.	E603984	18.00	19.00	1.00	0.01
			E603985	19.00	20.60	1.60	0.02
			E603986	20.60	22.10	1.50	0.01
			E603987	22.10	23.45	1.35	0.01
			E603988	23.45	24.90	1.45	0.00
			E603989	24.90	26.25	1.35	0.01
			E603990	26.25	27.65	1.40	0.01
			E603991	27.65	29.05	1.40	0.01
			E603992	29.05	30.50	1.45	0.01
			E603993	30.50	31.90	1.40	0.02
			E603995	31.90	33.40	1.50	0.04
			E603996	33.40	34.90	1.50	0.02
			E603997	34.90	36.00	1.10	0.04
			E603998	36.00	37.50	1.50	0.01
			E603999	37.50	39.00	1.50	0.00
			E604000	39.00	40.50	1.50	0.00
			E604015	40.50	41.60	1.10	0.01
			E604016	41.60	43.00	1.40	0.00
			E604017	43.00	44.45	1.45	0.01
			E604018	44.45	45.85	1.40	0.00
			E604020	45.85	47.35	1.50	0.00
			E604021	47.35	48.80	1.45	0.00
			E604022	48.80	50.30	1.50	0.01
			E604023	50.30	51.70	1.40	0.08
			E604024	51.70	53.20	1.50	0.01
			E604025	53.20	54.50	1.30	0.00
			E604026	54.50	56.00	1.50	0.00
			E604027	56.00	57.40	1.40	0.00
			E604028	57.40	58.85	1.45	0.00
			E604029	58.85	60.30	1.45	0.01
			E604031	60.30	61.80	1.50	0.23
			E604032	61.80	63.30	1.50	0.03
			E604033	63.30	64.80	1.50	0.01
			E604034	64.80	66.20	1.40	0.01
			E604035	66.20	67.60	1.40	0.00
			E604036	67.60	69.00	1.40	0.01
			E604037	69.00	70.50	1.50	0.00
			E604038	70.50	72.00	1.50	0.01
			E604039	72.00	73.50	1.50	0.01
			E604040	73.50	74.70	1.20	0.00
			E604042	74.70	76.20	1.50	0.01
			E604043	76.20	77.70	1.50	0.02

### DETAILED LOG

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E604044	77.70	79.20	1.50	0.04
			E604045	79.20	80.60	1.40	0.02
			E604046	80.60	82.10	1.50	0.00
			E604047	82.10	83.60	1.50	0.05
			E604048	83.60	84.00	0.40	0.02
			E604049	84.00	85.50	1.50	0.02
			E604051	85.50	87.00	1.50	0.03
			E604052	87.00	87.50	0.50	0.02
			E604053	87.50	90.00	2.50	0.01
			E604054	90.00	91.50	1.50	0.00
			E604055	91.50	92.80	1.30	0.00
			E604056	92.80	94.07	1.27	0.00
			E604057	94.07	95.10	1.03	0.17
			E604058	95.10	96.30	1.20	0.00
			E604059	96.30	97.75	1.45	0.02
			E604060	97.75	99.20	1.45	0.00
			E604062	99.20	100.65	1.45	0.01
			E604063	100.65	102.00	1.35	0.00
			E604064	102.00	103.50	1.50	0.00
			E604065	103.50	105.00	1.50	0.01
			E604066	105.00	106.50	1.50	0.00
			E604067	106.50	108.00	1.50	0.00
			E604068	108.00	109.50	1.50	0.00
			E604069	109.50	111.00	1.50	0.05
			E604071	111.00	112.50	1.50	0.00
			E604072	112.50	114.00	1.50	0.00
			E604073	114.00	114.50	0.50	0.00
			E604074	114.50	116.00	1.50	0.00
			E604075	116.00	117.00	1.00	0.00
			E604076	117.00	118.50	1.50	0.00
			E604077	118.50	120.00	1.50	0.01
			E604078	120.00	121.50	1.50	0.01
			E604079	121.50	123.00	1.50	0.00
			E604080	123.00	124.50	1.50	0.01
			E604081	124.50	126.00	1.50	0.01
			E604083	126.00	127.50	1.50	0.02
			E604084	127.50	129.00	1.50	0.05
			E604085	129.00	130.50	1.50	0.01
			E604086	130.50	132.00	1.50	0.01
			E604087	132.00	133.50	1.50	0.01
			E604088	133.50	135.00	1.50	0.00
			E604089	135.00	136.50	1.50	0.07

### DETAILED LOG

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E604090	136.50	138.00	1.50	0.01
			E604091	138.00	139.50	1.50	0.04
			E604093	139.50	141.00	1.50	0.02
			E604094	141.00	142.50	1.50	0.02
			E604095	142.50	143.10	0.60	0.28
			E604096	143.10	143.60	0.50	0.99
			E604097	143.60	144.00	0.40	5.56
			E604098	144.00	145.50	1.50	0.87
			E604099	145.50	147.00	1.50	0.83
			E604101	147.00	148.50	1.50	0.86
			E604102	148.50	150.00	1.50	0.26
			E604103	150.00	151.50	1.50	0.04
			E604104	151.50	153.00	1.50	0.09
			E604105	153.00	154.50	1.50	0.81
			E604107	154.50	156.00	1.50	0.44
			E604109	156.00	157.50	1.50	0.01
			E604110	157.50	159.00	1.50	0.00
			E604111	159.00	160.50	1.50	0.00
			E604112	160.50	162.00	1.50	0.01
			E604113	162.00	163.50	1.50	0.00
			E604114	163.50	165.00	1.50	0.00
			E604115	165.00	166.50	1.50	0.00
			E604116	166.50	168.00	1.50	0.00
			E604117	168.00	169.50	1.50	0.00
			E604118	169.50	171.00	1.50	0.00
			E604119	171.00	172.50	1.50	0.00
			E604120	172.50	174.00	1.50	0.09
			E604121	174.00	175.50	1.50	0.02
			E604122	175.50	177.00	1.50	0.01
			E604123	177.00	178.50	1.50	0.02
			E604124	178.50	180.00	1.50	0.00
			E604125	180.00	181.50	1.50	0.00
			E604127	181.50	182.50	1.00	0.14
			E604128	182.50	184.00	1.50	0.42
			E604129	184.00	185.50	1.50	0.18
			E604130	185.50	186.00	0.50	0.03
			E604131	186.00	187.50	1.50	0.56
			E604132	187.50	189.00	1.50	0.47
			E604133	189.00	190.50	1.50	0.59
			E604134	190.50	192.00	1.50	1.32
			E604135	192.00	193.50	1.50	0.31
			E604136	193.50	195.00	1.50	0.26

**DETAILED LOG**

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E604137	195.00	196.50	1.50	0.14
			E604139	196.50	198.00	1.50	0.01
			E604140	198.00	199.50	1.50	0.01
			E604141	199.50	201.00	1.50	0.00
			E604142	201.00	202.50	1.50	0.01
			E604143	202.50	204.00	1.50	0.02
			E604144	204.00	205.50	1.50	0.01
			E604145	205.50	207.00	1.50	0.02
			E604146	207.00	208.50	1.50	0.05
			E604147	208.50	210.00	1.50	0.04
			E604148	210.00	211.50	1.50	0.05
			E604149	211.50	213.00	1.50	0.03
			E604150	213.00	214.50	1.50	0.03
			E604151	214.50	216.00	1.50	0.04
			E604152	216.00	217.50	1.50	0.00
			E604153	217.50	219.00	1.50	0.00
			E604154	219.00	220.50	1.50	0.00
			E604155	220.50	222.00	1.50	0.12
			E604156	222.00	223.50	1.50	0.00
			E604157	223.50	225.00	1.50	0.02
			E604158	225.00	226.50	1.50	0.00
			E604159	226.50	228.00	1.50	0.01
			E604161	228.00	229.50	1.50	0.00
			E604162	229.50	231.00	1.50	0.00
			E604163	231.00	232.50	1.50	0.01
			E604164	232.50	234.00	1.50	0.01
			E604166	234.00	235.50	1.50	0.00
			E604167	235.50	237.00	1.50	0.01
			E604168	237.00	237.30	0.30	0.00

**DETAILED LOG**

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
237.10	290.50	<b>VMM, MAFIC VOLCANIC MASSIVE</b> Mafic volcanic. UC with ISO = 80tca. Dark green-black in colour, fine grained. Alterations include magnetite, chlorite and carb with minor epidote. <1% sulphide throughout unit, locally up to 3% blebby style py. Minor ISO unit from 272.8-273.1m	E604169	237.30	237.60	0.30	0.01
			E604170	237.60	238.00	0.40	0.01
			E604171	238.00	239.00	1.00	0.01
			E604172	239.00	240.00	1.00	0.01
			E604173	240.00	241.00	1.00	0.01
			E604174	241.00	242.00	1.00	0.02
			E604175	242.00	243.00	1.00	0.01
			E604176	243.00	244.50	1.50	0.00
			E604177	244.50	246.00	1.50	0.01
			E604178	246.00	247.50	1.50	0.02
			E604179	247.50	249.00	1.50	0.02
			E604181	249.00	250.50	1.50	0.00
			E604182	250.50	252.00	1.50	0.03
			E604183	252.00	253.50	1.50	0.00
			E604184	253.50	255.00	1.50	0.00
			E604185	255.00	256.50	1.50	0.00
			E604186	256.50	258.00	1.50	0.00
			E604187	258.00	259.00	1.00	0.01
			E604188	259.00	260.00	1.00	0.00
			E604189	260.00	261.50	1.50	0.00
			E604191	261.50	263.00	1.50	0.00
			E604192	263.00	264.00	1.00	0.01
			E604193	264.00	265.00	1.00	0.00
			E604194	265.00	266.00	1.00	0.00
			E604195	266.00	267.00	1.00	0.01
			E604196	267.00	268.50	1.50	0.00
			E604197	268.50	270.00	1.50	0.01
			E604198	270.00	271.50	1.50	0.00
			E604199	271.50	273.00	1.50	0.00
			E604200	273.00	274.00	1.00	0.00
		E604201	274.00	275.00	1.00	0.01	
		E604202	275.00	276.00	1.00	0.01	
		E604204	276.00	277.50	1.50	0.01	
		E604205	277.50	279.00	1.50	0.00	
		E604206	279.00	280.00	1.00	0.01	
		E604207	280.00	281.00	1.00	0.01	
		E604208	281.00	282.00	1.00	0.00	
		E604209	282.00	283.00	1.00	0.01	
		E604210	283.00	284.00	1.00	0.00	
		E604211	284.00	285.00	1.00	0.00	
		E604212	285.00	286.00	1.00	0.00	
		E604213	286.00	287.00	1.00	0.00	

## DETAILED LOG

Hole Number: GC14-004

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E604214	287.00	288.00	1.00	0.00
			E604216	288.00	289.00	1.00	0.00
			E604217	289.00	290.00	1.00	0.02
			E604218	290.00	291.00	1.00	0.05
290.50	296.30	<b>ZFZ, FAULT ZONE</b> Fault Zone. Badly broken up.	E604219	291.00	292.00	1.00	0.00
			E604220	292.00	293.00	1.00	0.01
			E604221	293.00	294.00	1.00	0.00
			E604222	294.00	295.30	1.30	0.01
			E604223	295.30	296.00	0.70	0.01
			E604224	296.00	296.30	0.30	0.00
296.30	314.65	<b>VMM, MAFIC VOLCANIC MASSIVE</b> Mafic Volcanic. Dark green - black in colour. Fine grained. Pervasive chlorite and carbonate alteration throughout unit. Weak-moderate magnetite. Locally broken up but overall good ground. Trace of disseminated pyrite, locally up to 1%.	E604225	296.30	297.00	0.70	0.00
			E604227	297.00	298.50	1.50	0.00
			E604228	298.50	300.00	1.50	0.00
			E604229	300.00	301.50	1.50	0.00
			E604230	301.50	303.00	1.50	0.01
			E604231	303.00	304.50	1.50	0.01
			E604232	304.50	306.00	1.50	0.00
			E604233	306.00	307.50	1.50	0.00
			E604234	307.50	309.00	1.50	0.00
			E604235	309.00	310.50	1.50	0.00
			E604236	310.50	312.00	1.50	0.00
			E604237	312.00	313.50	1.50	0.00
			E604238	313.50	315.00	1.50	0.01
314.65	321.20	<b>VGO, GABBRO</b> Gabbro. Greenish in colour. Medium - coarse grained. Plagioclase and pyroxene are visible. Trace amount of fg diss pyrite.	E604240	315.00	316.50	1.50	0.00
			E604241	316.50	318.00	1.50	0.00
			E604242	318.00	319.50	1.50	0.01
			E604243	319.50	321.00	1.50	0.01
			E604244	321.00	322.50	1.50	0.00
321.20	324.00	<b>VMM, MAFIC VOLCANIC MASSIVE</b> Mafic volcanic. Dark green-black in colour. Fine grained. Alterations include patchy chlorite and carbonate, weak magnetite. Trace amount of pyrite.	E604246	322.50	324.00	1.50	0.01
324.00	328.10	<b>ISO, SYENITIC INTRUSIVE</b> Syenite intrusive. Reddish brown to pinkish brown in colour. Fine to med grained. Moderate to pervasive hematite altered, patchy wk chlorite altered. Trace amount of pyrite.	E604247	324.00	325.00	1.00	0.00
			E604248	325.00	326.50	1.50	0.00
			E604249	326.50	328.00	1.50	0.05
			E604250	328.00	329.00	1.00	0.00



**DETAILED LOG**

Hole Number: **GC14-004**

Units: **METRIC**

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
328.10	349.25	<b>VMM, MAFIC VOLCANIC MASSIVE</b> Mafic volcanic. Fine grained. Dark green-black in colour. Weak, pervasive magnetite throughout. Other alterations include chlorite and carbonate with slight, patchy, local hematite.	E604251	329.00	330.00	1.00	0.00
			E604252	330.00	331.00	1.00	0.00
			E604253	331.00	332.50	1.50	0.01
			E604254	332.50	334.00	1.50	0.00
			E604255	334.00	334.50	0.50	0.00
			E604256	334.50	336.00	1.50	0.01
			E604257	336.00	337.50	1.50	0.00
			E604258	337.50	339.00	1.50	0.00
			E604259	339.00	340.50	1.50	0.00
			E604261	340.50	342.00	1.50	0.00
			E604262	342.00	343.50	1.50	0.00
			E604263	343.50	345.00	1.50	0.00
			E604264	345.00	346.50	1.50	0.00
			E604266	346.50	348.00	1.50	0.01
			E604267	348.00	349.00	1.00	0.00
E604268	349.00	349.80	0.80	0.01			
349.25	351.10	<b>QVC, QUARTZ CARBONATE VEINS</b> Quartz/Carbonate vein.	E604269	349.80	350.70	0.90	0.00
			E604270	350.70	351.10	0.40	0.02
351.10	353.30	<b>ISO, SYENITIC INTRUSIVE</b> Reddish brown to pinkish brown in colour. Fine to med grained. Moderate hematite altered, patchy wk clorite altered. Overall, slightly magnetic. 1% carb/qtz stringers. Trace of med grained pyrite found locally. Overall, <1% sulphide within unit.	E604271	351.10	352.50	1.40	0.01
			E604272	352.50	354.00	1.50	0.01
353.30	364.88	<b>VMM, MAFIC VOLCANIC MASSIVE</b> Mafic volcanic. Dark green to black in colour. Fine grained. 1-2% wispy carbonate stringers. Presence of small white-light green specs, leucoxene? Alterations include; carb, chlorite, slight magnetite. Minor ISO units within mafic: 354.60-354.80m 359.47-359.66m	E604273	354.00	355.50	1.50	0.00
			E604274	355.50	357.00	1.50	0.01
			E604275	357.00	358.50	1.50	0.00
			E604276	358.50	360.00	1.50	0.00
			E604277	360.00	361.50	1.50	0.00
			E604278	361.50	363.00	1.50	0.01
			E604279	363.00	364.50	1.50	0.01
			E604280	364.50	366.00	1.50	0.00
364.88	370.37	<b>ISO, SYENITIC INTRUSIVE</b> Reddish brown/pinkish brown/grey in colour. Fine to med grained some coarser clasts present. Moderate hematite altered, patchy wk clorite altered. Overall, pervasive magnetite alt'd. 1% carb/qtz stringers. Overall, <1% sulphide within unit.	E604281	366.00	367.50	1.50	0.00
			E604282	367.50	369.00	1.50	0.00
			E604283	369.00	370.40	1.40	0.00

**DETAILED LOG**

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
370.37	430.20	<b>VMM, MAFIC VOLCANIC MASSIVE</b> Mafic volcanic. Dark green-blackish in colour. Fine grained. Some gabbroic texture seen @ 384m. Minor ISO seen throughout, units <30cm. 370.37-392.4m - cal strngs @ all angles TCA. 1% overall. Locally foliated from ~ 379.3-379.9m. Magnetite present throughout unit, moderate, pervasive. Carbonate/chloritic alteration throughout, pervasive. Trace amount - 1% pyrite throughout. Local fg diss py <2%. 392.4-430.2 - fracture filling style chloritic strngs. Locally brecciated. Minor bleaching?	E604284	370.40	370.70	0.30	0.01
			E604286	370.70	372.00	1.30	0.00
			E604287	372.00	373.50	1.50	0.00
			E604288	373.50	375.00	1.50	0.00
			E604289	375.00	376.50	1.50	0.00
			E604290	376.50	378.00	1.50	0.00
			E604291	378.00	379.50	1.50	0.00
			E604292	379.50	381.00	1.50	0.00
			E604293	381.00	382.50	1.50	0.01
			E604294	382.50	384.00	1.50	0.30
			E604295	384.00	384.40	0.40	1.53
			E604296	384.40	384.80	0.40	0.96
			E604297	384.80	386.00	1.20	0.01
			E604298	386.00	387.00	1.00	0.00
			E604299	387.00	388.50	1.50	0.00
			E604301	388.50	390.00	1.50	0.00
			E604302	390.00	391.50	1.50	0.00
			E604303	391.50	393.00	1.50	0.00
			E604304	393.00	394.50	1.50	0.00
			E604305	394.50	396.00	1.50	0.00
			E604306	396.00	397.50	1.50	0.53
			E604307	397.50	399.00	1.50	0.02
			E604308	399.00	400.50	1.50	0.00
			E604309	400.50	401.60	1.10	0.02
			E604310	401.60	402.00	0.40	0.04
			E604311	402.00	402.50	0.50	0.64
			E604312	402.50	403.00	0.50	0.11
			E604313	403.00	404.00	1.00	0.01
			E604314	404.00	405.00	1.00	0.00
			E604316	405.00	406.50	1.50	0.00
		E604317	406.50	408.00	1.50	0.00	
		E604318	408.00	409.50	1.50	0.00	
		E604319	409.50	411.00	1.50	0.01	
		E604320	411.00	412.50	1.50	0.00	
		E604321	412.50	414.00	1.50	0.00	
		E604322	414.00	415.50	1.50	0.00	
		E604323	415.50	417.00	1.50	0.01	
		E604324	417.00	418.50	1.50	0.00	
		E604325	418.50	420.00	1.50	0.06	
		E604326	420.00	421.50	1.50	0.00	
		E604327	421.50	423.00	1.50	0.00	
		E604328	423.00	424.50	1.50	0.02	

**DETAILED LOG**

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E604329	424.50	426.00	1.50	0.00
			E604407	426.00	427.50	1.50	0.01
			E604331	427.50	429.00	1.50	0.00
			E604332	429.00	430.50	1.50	0.01
430.20	433.20	<b>IPO, FELSIC INTRUSIVE UNDIVIDED</b>	E604333	430.50	432.00	1.50	0.21
		Felsic dyke. Purple in colour transitioning to pink in. Fine grained with some visible phenocrysts. 1-2% pyrite throughout ranging from fine-med grained.	E604334	432.00	433.00	1.00	0.07
			E604335	433.00	434.00	1.00	0.06

# DETAILED LOG

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
433.20	489.70	<b>VMM, MAFIC VOLCANIC MASSIVE</b> Mafic volcanic Locally foliated/pillowed near the lower syenite contact. Vein from 464.2-464.65 = stockwork vein? Chlorite/carbonate/qzt. Fracture filling pyrite, fine grained. Overall 2%, locally up to 5%.	E604336	434.00	435.00	1.00	0.76
			E604337	435.00	435.50	0.50	0.05
			E604338	435.50	436.50	1.00	0.11
			E604339	436.50	437.00	0.50	0.02
			E604340	437.00	438.00	1.00	0.12
			E604341	438.00	439.50	1.50	0.01
			E604342	439.50	441.00	1.50	0.01
			E604343	441.00	442.50	1.50	0.00
			E604344	442.50	444.00	1.50	0.00
			E604345	444.00	445.50	1.50	0.01
			E604347	445.50	447.00	1.50	0.01
			E604348	447.00	448.00	1.00	0.00
			E604349	448.00	449.00	1.00	0.00
			E604350	449.00	450.00	1.00	0.01
			E604351	450.00	451.50	1.50	0.00
			E604352	451.50	453.00	1.50	0.00
			E604353	453.00	454.50	1.50	0.00
			E604354	454.50	456.00	1.50	0.01
			E604355	456.00	457.50	1.50	0.00
			E604356	457.50	459.00	1.50	0.01
			E604357	459.00	460.50	1.50	0.00
			E604358	460.50	462.00	1.50	0.00
			E604359	462.00	463.00	1.00	0.00
			E604360	463.00	464.20	1.20	0.00
			E604361	464.20	464.70	0.50	0.01
			E604362	464.70	465.50	0.80	0.00
			E604363	465.50	466.00	0.50	0.00
			E604364	466.00	467.00	1.00	0.00
			E604365	467.00	468.00	1.00	0.01
			E604366	468.00	469.00	1.00	0.01
		E604368	469.00	470.00	1.00	0.00	
		E604369	470.00	471.00	1.00	0.00	
		E604370	471.00	472.00	1.00	0.00	
		E604371	472.00	472.50	0.50	0.00	
		E604372	472.50	473.00	0.50	0.01	
		E604373	473.00	474.00	1.00	0.00	
		E604374	474.00	475.50	1.50	0.00	
		E604375	475.50	477.00	1.50	0.01	
		E604376	477.00	477.60	0.60	0.00	
		E604377	477.60	478.10	0.50	0.00	
		E604378	478.10	479.00	0.90	0.00	
		E604379	479.00	480.00	1.00	0.00	

### DETAILED LOG

Hole Number: **GC14-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
			E604380	480.00	481.50	1.50	0.00
			E604381	481.50	481.80	0.30	0.00
			E604382	481.80	483.00	1.20	0.00
			E604383	483.00	484.50	1.50	0.01
			E604384	484.50	485.00	0.50	0.00
			E604385	485.00	487.50	2.50	0.00
			E604386	487.50	489.00	1.50	0.00
			E604388	489.00	490.00	1.00	0.00
489.70	492.80	<b>ISO, SYENITIC INTRUSIVE</b> Syenite. Redish in colour. Qz/calcite veinlets oriented @ all angles TCA containing black alteration, 2-3%. Alterations include mod, pervasive hematite, patchy weak chlorite and mod magnetite (pervasive). Trace-1% fg diss pyrite.	E604389	490.00	490.50	0.50	0.01
			E604390	490.50	491.00	0.50	0.03
			E604391	491.00	491.50	0.50	0.02
			E604392	491.50	492.00	0.50	0.02
			E604393	492.00	492.50	0.50	0.04
			E604394	492.50	492.80	0.30	0.05
492.80	493.40	<b>VMM, MAFIC VOLCANIC MASSIVE</b> VMM. Brownish to green in colour. Foliated throughout at approx 45 degeed TCA. Locally brecciated towards to lower contact with the syenite. Trace pyrite	E604395	492.80	493.40	0.60	0.04
493.40	493.65	<b>ISO, SYENITIC INTRUSIVE</b> ISO minor syenite intrusive unit. 15-20% Qz/Cal veinlets oriented at approx 55 degrees TCS outlined in black alteration, possibly black calcite/tourmaline?	E604397	493.40	493.70	0.30	0.01
493.65	494.20	<b>VMM, MAFIC VOLCANIC MASSIVE</b> VMM brownish to green in colour. Locally brecciated. Upper contact very mineralized up to 5% fg/blebby style.	E604398	493.70	495.00	1.30	0.07
494.20	494.80	<b>ISO, SYENITIC INTRUSIVE</b> ISO syenite. Redish brown in colour. Hematite, chlorite carbonate alteration throughout. 1% Qz/Cal stringers to veinlets. Trace amont of pyrite.					
494.80	497.20	<b>VMM, MAFIC VOLCANIC MASSIVE</b>	E604399	495.00	496.15	1.15	0.00
			E604400	496.15	496.30	0.15	0.00
			E604401	496.30	497.20	0.90	0.01
497.20	498.56	<b>ISO, SYENITIC INTRUSIVE</b>	E604402	497.20	498.00	0.80	0.12
			E604403	498.00	498.90	0.90	0.01
498.56	501.00	<b>VMM, MAFIC VOLCANIC MASSIVE</b>	E604404	498.90	499.30	0.40	0.00
			E604405	499.30	500.00	0.70	0.00
			E604406	500.00	501.00	1.00	0.00

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	<b>ASSAY</b>		
E603984	18.00	19.00	0.0122
E603985	19.00	20.60	0.0150
E603986	20.60	22.10	0.0070
E603987	22.10	23.45	0.0060

Hole Number: GC14-004

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E603988	23.45	24.90	0.0020
E603989	24.90	26.25	0.0060
E603990	26.25	27.65	0.0070
E603991	27.65	29.05	0.0060
E603992	29.05	30.50	0.0050
E603993	30.50	31.90	0.0240
E603995	31.90	33.40	0.0360
E603996	33.40	34.90	0.0190
E603997	34.90	36.00	0.0370
E603998	36.00	37.50	0.0110
E603999	37.50	39.00	0.0020
E604000	39.00	40.50	0.0025
E604015	40.50	41.60	0.0050
E604016	41.60	43.00	0.0040
E604017	43.00	44.45	0.0070
E604018	44.45	45.85	0.0020
E604020	45.85	47.35	0.0020
E604021	47.35	48.80	0.0030
E604022	48.80	50.30	0.0100
E604023	50.30	51.70	0.0750
E604024	51.70	53.20	0.0060
E604025	53.20	54.50	0.0030
E604026	54.50	56.00	0.0020
E604027	56.00	57.40	0.0010
E604028	57.40	58.85	0.0010
E604029	58.85	60.30	0.0050
E604031	60.30	61.80	0.2260
E604032	61.80	63.30	0.0330
E604033	63.30	64.80	0.0050
E604034	64.80	66.20	0.0060
E604035	66.20	67.60	0.0030
E604036	67.60	69.00	0.0060
E604037	69.00	70.50	0.0030
E604038	70.50	72.00	0.0080
E604039	72.00	73.50	0.0110
E604040	73.50	74.70	0.0030
E604042	74.70	76.20	0.0080
E604043	76.20	77.70	0.0180
E604044	77.70	79.20	0.0370

Hole Number: GC14-004

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E604045	79.20	80.60	0.0180
E604046	80.60	82.10	0.0040
E604047	82.10	83.60	0.0500
E604048	83.60	84.00	0.0160
E604049	84.00	85.50	0.0220
E604051	85.50	87.00	0.0280
E604052	87.00	87.50	0.0170
E604053	87.50	90.00	0.0090
E604054	90.00	91.50	0.0010
E604055	91.50	92.80	0.0005
E604056	92.80	94.07	0.0010
E604057	94.07	95.10	0.1700
E604058	95.10	96.30	0.0030
E604059	96.30	97.75	0.0150
E604060	97.75	99.20	0.0005
E604062	99.20	100.65	0.0050
E604063	100.65	102.00	0.0030
E604064	102.00	103.50	0.0020
E604065	103.50	105.00	0.0080
E604066	105.00	106.50	0.0010
E604067	106.50	108.00	0.0010
E604068	108.00	109.50	0.0030
E604069	109.50	111.00	0.0470
E604071	111.00	112.50	0.0020
E604072	112.50	114.00	0.0020
E604073	114.00	114.50	0.0030
E604074	114.50	116.00	0.0010
E604075	116.00	117.00	0.0018
E604076	117.00	118.50	0.0030
E604077	118.50	120.00	0.0110
E604078	120.00	121.50	0.0090
E604079	121.50	123.00	0.0030
E604080	123.00	124.50	0.0080
E604081	124.50	126.00	0.0100
E604083	126.00	127.50	0.0190
E604084	127.50	129.00	0.0490
E604085	129.00	130.50	0.0080
E604086	130.50	132.00	0.0060
E604087	132.00	133.50	0.0110

Hole Number: GC14-004

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604088	133.50	135.00	0.0040
E604089	135.00	136.50	0.0710
E604090	136.50	138.00	0.0090
E604091	138.00	139.50	0.0350
E604093	139.50	141.00	0.0160
E604094	141.00	142.50	0.0200
E604095	142.50	143.10	0.2800
E604096	143.10	143.60	0.9895
E604097	143.60	144.00	5.5600
E604098	144.00	145.50	0.8660
E604099	145.50	147.00	0.8260
E604101	147.00	148.50	0.8600
E604102	148.50	150.00	0.2600
E604103	150.00	151.50	0.0370
E604104	151.50	153.00	0.0940
E604105	153.00	154.50	0.8090
E604107	154.50	156.00	0.4420
E604109	156.00	157.50	0.0070
E604110	157.50	159.00	0.0040
E604111	159.00	160.50	0.0020
E604112	160.50	162.00	0.0090
E604113	162.00	163.50	0.0005
E604114	163.50	165.00	0.0020
E604115	165.00	166.50	0.0005
E604116	166.50	168.00	0.0020
E604117	168.00	169.50	0.0020
E604118	169.50	171.00	0.0030
E604119	171.00	172.50	0.0020
E604120	172.50	174.00	0.0940
E604121	174.00	175.50	0.0200
E604122	175.50	177.00	0.0060
E604123	177.00	178.50	0.0180
E604124	178.50	180.00	0.0040
E604125	180.00	181.50	0.0040
E604127	181.50	182.50	0.1360
E604128	182.50	184.00	0.4180
E604129	184.00	185.50	0.1750
E604130	185.50	186.00	0.0300
E604131	186.00	187.50	0.5620



Hole Number: GC14-004

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E604132	187.50	189.00	0.4720
E604133	189.00	190.50	0.5870
E604134	190.50	192.00	1.3200
E604135	192.00	193.50	0.3100
E604136	193.50	195.00	0.2630
E604137	195.00	196.50	0.1400
E604139	196.50	198.00	0.0110
E604140	198.00	199.50	0.0130
E604141	199.50	201.00	0.0005
E604142	201.00	202.50	0.0130
E604143	202.50	204.00	0.0220
E604144	204.00	205.50	0.0100
E604145	205.50	207.00	0.0150
E604146	207.00	208.50	0.0450
E604147	208.50	210.00	0.0400
E604148	210.00	211.50	0.0530
E604149	211.50	213.00	0.0340
E604150	213.00	214.50	0.0320
E604151	214.50	216.00	0.0360
E604152	216.00	217.50	0.0010
E604153	217.50	219.00	0.0005
E604154	219.00	220.50	0.0030
E604155	220.50	222.00	0.1180
E604156	222.00	223.50	0.0020
E604157	223.50	225.00	0.0230
E604158	225.00	226.50	0.0030
E604159	226.50	228.00	0.0050
E604161	228.00	229.50	0.0023
E604162	229.50	231.00	0.0020
E604163	231.00	232.50	0.0060
E604164	232.50	234.00	0.0060
E604166	234.00	235.50	0.0010
E604167	235.50	237.00	0.0080
E604168	237.00	237.30	0.0040
E604169	237.30	237.60	0.0140
E604170	237.60	238.00	0.0050
E604171	238.00	239.00	0.0080
E604172	239.00	240.00	0.0120
E604173	240.00	241.00	0.0110

Hole Number: GC14-004

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604174	241.00	242.00	0.0240
E604175	242.00	243.00	0.0140
E604176	243.00	244.50	0.0040
E604177	244.50	246.00	0.0095
E604178	246.00	247.50	0.0160
E604179	247.50	249.00	0.0150
E604181	249.00	250.50	0.0040
E604182	250.50	252.00	0.0250
E604183	252.00	253.50	0.0030
E604184	253.50	255.00	0.0030
E604185	255.00	256.50	0.0020
E604186	256.50	258.00	0.0037
E604187	258.00	259.00	0.0050
E604188	259.00	260.00	0.0010
E604189	260.00	261.50	0.0040
E604191	261.50	263.00	0.0040
E604192	263.00	264.00	0.0090
E604193	264.00	265.00	0.0030
E604194	265.00	266.00	0.0040
E604195	266.00	267.00	0.0060
E604196	267.00	268.50	0.0020
E604197	268.50	270.00	0.0050
E604198	270.00	271.50	0.0005
E604199	271.50	273.00	0.0030
E604200	273.00	274.00	0.0040
E604201	274.00	275.00	0.0089
E604202	275.00	276.00	0.0050
E604204	276.00	277.50	0.0050
E604205	277.50	279.00	0.0040
E604206	279.00	280.00	0.0060
E604207	280.00	281.00	0.0060
E604208	281.00	282.00	0.0030
E604209	282.00	283.00	0.0050
E604210	283.00	284.00	0.0020
E604211	284.00	285.00	0.0010
E604212	285.00	286.00	0.0030
E604213	286.00	287.00	0.0040
E604214	287.00	288.00	0.0020
E604216	288.00	289.00	0.0030

Hole Number: GC14-004

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E604217	289.00	290.00	0.0188
E604218	290.00	291.00	0.0530
E604219	291.00	292.00	0.0040
E604220	292.00	293.00	0.0050
E604221	293.00	294.00	0.0030
E604222	294.00	295.30	0.0090
E604223	295.30	296.00	0.0080
E604224	296.00	296.30	0.0020
E604225	296.30	297.00	0.0020
E604227	297.00	298.50	0.0030
E604228	298.50	300.00	0.0020
E604229	300.00	301.50	0.0010
E604230	301.50	303.00	0.0090
E604231	303.00	304.50	0.0060
E604232	304.50	306.00	0.0030
E604233	306.00	307.50	0.0020
E604234	307.50	309.00	0.0020
E604235	309.00	310.50	0.0040
E604236	310.50	312.00	0.0030
E604237	312.00	313.50	0.0040
E604238	313.50	315.00	0.0050
E604240	315.00	316.50	0.0040
E604241	316.50	318.00	0.0040
E604242	318.00	319.50	0.0060
E604243	319.50	321.00	0.0050
E604244	321.00	322.50	0.0020
E604246	322.50	324.00	0.0080
E604247	324.00	325.00	0.0005
E604248	325.00	326.50	0.0030
E604249	326.50	328.00	0.0450
E604250	328.00	329.00	0.0040
E604251	329.00	330.00	0.0030
E604252	330.00	331.00	0.0020
E604253	331.00	332.50	0.0060
E604254	332.50	334.00	0.0040
E604255	334.00	334.50	0.0020
E604256	334.50	336.00	0.0060
E604257	336.00	337.50	0.0040
E604258	337.50	339.00	0.0020

Hole Number: GC14-004

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E604259	339.00	340.50	0.0030
E604261	340.50	342.00	0.0030
E604262	342.00	343.50	0.0030
E604263	343.50	345.00	0.0030
E604264	345.00	346.50	0.0030
E604266	346.50	348.00	0.0050
E604267	348.00	349.00	0.0030
E604268	349.00	349.80	0.0050
E604269	349.80	350.70	0.0020
E604270	350.70	351.10	0.0190
E604271	351.10	352.50	0.0060
E604272	352.50	354.00	0.0100
E604273	354.00	355.50	0.0030
E604274	355.50	357.00	0.0050
E604275	357.00	358.50	0.0030
E604276	358.50	360.00	0.0030
E604277	360.00	361.50	0.0020
E604278	361.50	363.00	0.0050
E604279	363.00	364.50	0.0050
E604280	364.50	366.00	0.0030
E604281	366.00	367.50	0.0010
E604282	367.50	369.00	0.0010
E604283	369.00	370.40	0.0010
E604284	370.40	370.70	0.0140
E604286	370.70	372.00	0.0030
E604287	372.00	373.50	0.0020
E604288	373.50	375.00	0.0030
E604289	375.00	376.50	0.0030
E604290	376.50	378.00	0.0020
E604291	378.00	379.50	0.0020
E604292	379.50	381.00	0.0005
E604293	381.00	382.50	0.0050
E604294	382.50	384.00	0.3010
E604295	384.00	384.40	1.5300
E604296	384.40	384.80	0.9570
E604297	384.80	386.00	0.0090
E604298	386.00	387.00	0.0030
E604299	387.00	388.50	0.0030
E604301	388.50	390.00	0.0020

Hole Number: GC14-004

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E604302	390.00	391.50	0.0020
E604303	391.50	393.00	0.0020
E604304	393.00	394.50	0.0020
E604305	394.50	396.00	0.0030
E604306	396.00	397.50	0.5280
E604307	397.50	399.00	0.0220
E604308	399.00	400.50	0.0040
E604309	400.50	401.60	0.0210
E604310	401.60	402.00	0.0410
E604311	402.00	402.50	0.6445
E604312	402.50	403.00	0.1120
E604313	403.00	404.00	0.0140
E604314	404.00	405.00	0.0030
E604316	405.00	406.50	0.0010
E604317	406.50	408.00	0.0040
E604318	408.00	409.50	0.0020
E604319	409.50	411.00	0.0080
E604320	411.00	412.50	0.0010
E604321	412.50	414.00	0.0030
E604322	414.00	415.50	0.0030
E604323	415.50	417.00	0.0060
E604324	417.00	418.50	0.0040
E604325	418.50	420.00	0.0630
E604326	420.00	421.50	0.0040
E604327	421.50	423.00	0.0040
E604328	423.00	424.50	0.0240
E604329	424.50	426.00	0.0020
E604407	426.00	427.50	0.0103
E604331	427.50	429.00	0.0040
E604332	429.00	430.50	0.0110
E604333	430.50	432.00	0.2070
E604334	432.00	433.00	0.0690
E604335	433.00	434.00	0.0570
E604336	434.00	435.00	0.7575
E604337	435.00	435.50	0.0480
E604338	435.50	436.50	0.1080
E604339	436.50	437.00	0.0160
E604340	437.00	438.00	0.1180
E604341	438.00	439.50	0.0050

Hole Number: GC14-004

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E604342	439.50	441.00	0.0070
E604343	441.00	442.50	0.0020
E604344	442.50	444.00	0.0020
E604345	444.00	445.50	0.0130
E604347	445.50	447.00	0.0050
E604348	447.00	448.00	0.0030
E604349	448.00	449.00	0.0020
E604350	449.00	450.00	0.0120
E604351	450.00	451.50	0.0020
E604352	451.50	453.00	0.0020
E604353	453.00	454.50	0.0020
E604354	454.50	456.00	0.0080
E604355	456.00	457.50	0.0040
E604356	457.50	459.00	0.0050
E604357	459.00	460.50	0.0020
E604358	460.50	462.00	0.0030
E604359	462.00	463.00	0.0045
E604360	463.00	464.20	0.0020
E604361	464.20	464.70	0.0090
E604362	464.70	465.50	0.0030
E604363	465.50	466.00	0.0040
E604364	466.00	467.00	0.0030
E604365	467.00	468.00	0.0065
E604366	468.00	469.00	0.0060
E604368	469.00	470.00	0.0020
E604369	470.00	471.00	0.0010
E604370	471.00	472.00	0.0020
E604371	472.00	472.50	0.0030
E604372	472.50	473.00	0.0050
E604373	473.00	474.00	0.0030
E604374	474.00	475.50	0.0030
E604375	475.50	477.00	0.0090
E604376	477.00	477.60	0.0030
E604377	477.60	478.10	0.0030
E604378	478.10	479.00	0.0010
E604379	479.00	480.00	0.0020
E604380	480.00	481.50	0.0030
E604381	481.50	481.80	0.0020
E604382	481.80	483.00	0.0030

Hole Number: **GC14-004**

Units: METRIC

**Samples**

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E604383	483.00	484.50	0.0050
E604384	484.50	485.00	0.0020
E604385	485.00	487.50	0.0010
E604386	487.50	489.00	0.0040
E604388	489.00	490.00	0.0040
E604389	490.00	490.50	0.0110
E604390	490.50	491.00	0.0310
E604391	491.00	491.50	0.0190
E604392	491.50	492.00	0.0160
E604393	492.00	492.50	0.0390
E604394	492.50	492.80	0.0480
E604395	492.80	493.40	0.0390
E604397	493.40	493.70	0.0080
E604398	493.70	495.00	0.0710
E604399	495.00	496.15	0.0040
E604400	496.15	496.30	0.0030
E604401	496.30	497.20	0.0065
E604402	497.20	498.00	0.1220
E604403	498.00	498.90	0.0140
E604404	498.90	499.30	0.0030
E604405	499.30	500.00	0.0030
E604406	500.00	501.00	0.0030



## **Appendix 2**

### **Assay Certificates**





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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP

AGAT WORK ORDER: 14U910813

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

DATE REPORTED: Nov 19, 2014

PAGES (INCLUDING COVER): 12

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: 14U910813

PROJECT: HISLOP

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

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

DATE SAMPLED: Nov 03, 2014      DATE RECEIVED: Oct 31, 2014      DATE REPORTED: Nov 19, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E602722 (6028517)		3.20	0.066
E602723 (6028518)		1.34	0.307
E602724 (6028519)		1.24	4.42
E602725 (6028520)		2.58	0.224
E602726 (6028521)		1.28	0.002
E602727 (6028522)		0.70	0.002
E602728 (6028523)		1.08	0.002
E602729 (6028524)		1.40	0.006
E602730 (6028525)		1.14	0.053
E602731 (6028526)		1.10	0.006
E602732 (6028527)		3.06	0.002
E602733 (6028528)		3.74	0.045
E602734 (6028529)		3.70	0.059
E602735 (6028530)		0.84	<0.001
E602736 (6028531)		3.50	0.038
E602737 (6028532)		3.42	0.004
E602738 (6028533)		3.56	0.028
E602739 (6028534)		3.46	0.021
E602740 (6028535)		3.58	0.009
E602741 (6028536)		3.82	0.021
E602742 (6028537)		3.48	<0.001
E602743 (6028538)		3.56	0.002
E602744 (6028539)		3.36	0.015
E602745 (6028540)		0.06	1.04
E602746 (6028541)		1.78	0.001
E602747 (6028542)		1.98	0.147
E602748 (6028543)		2.10	0.013
E602749 (6028544)		1.92	0.003
E602750 (6028545)		3.90	0.004
E602751 (6028546)		3.14	<0.001
E602752 (6028547)		3.68	0.051

Certified By:



## Certificate of Analysis

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ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 03, 2014

DATE RECEIVED: Oct 31, 2014

DATE REPORTED: Nov 19, 2014

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E602753 (6028548)		2.56	0.004
E602754 (6028549)		1.82	0.005
E602755 (6028550)		0.66	<0.001
E602756 (6028551)		3.86	0.027
E602757 (6028552)		3.54	0.008
E602758 (6028553)		3.82	0.029
E602759 (6028554)		2.72	0.024
E602760 (6028555)		1.68	0.006
E602761 (6028556)		2.94	0.006
E602762 (6028557)		3.64	0.066
E602763 (6028558)		3.88	0.045
E602764 (6028559)		3.44	0.038
E602765 (6028560)		0.06	0.533
E602766 (6028561)		3.44	0.003
E602767 (6028562)		3.40	0.006
E602768 (6028563)		3.42	0.006
E602769 (6028564)		3.36	0.046
E602770 (6028565)		3.66	0.004
E602771 (6028566)		3.48	<0.001
E602772 (6028567)		3.54	0.004
E602773 (6028568)		3.94	0.012
E602774 (6028569)		3.90	0.295
E602775 (6028570)		0.88	<0.001
E602776 (6028571)		4.00	0.006
E602777 (6028572)		3.32	0.001
E602778 (6028573)		3.38	0.020
E602779 (6028574)		3.14	0.002
E602780 (6028575)		3.52	0.050
E602781 (6028576)		3.02	<0.001
E602782 (6028577)		3.12	0.003
E602783 (6028578)		3.34	<0.001

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

DATE SAMPLED: Nov 03, 2014      DATE RECEIVED: Oct 31, 2014      DATE REPORTED: Nov 19, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E602784 (6028579)		3.34	0.049
E602785 (6028580)		0.06	0.471
E602786 (6028581)		3.42	0.145
E602787 (6028582)		3.54	0.819
E602788 (6028583)		3.38	0.063
E602789 (6028584)		3.40	0.261
E602790 (6028585)		3.36	0.009
E602791 (6028586)		3.46	0.087
E602792 (6028587)		3.40	0.246
E602793 (6028588)		3.32	0.106
E602794 (6028589)		3.26	0.141
E602795 (6028590)		3.22	0.106
E602796 (6028591)		1.22	0.003
E602797 (6028592)		2.98	0.023
E602798 (6028593)		3.32	0.013
E602799 (6028594)		3.00	0.096
E602800 (6028595)		3.16	0.086
E602801 (6028596)		2.96	0.011
E602802 (6028597)		3.12	0.116
E602803 (6028598)		2.76	0.059
E602804 (6028599)		3.24	0.346
E602805 (6028600)		0.06	0.909
E602806 (6028601)		3.18	0.026
E602807 (6028602)		3.20	0.016
E602808 (6028603)		3.44	0.004
E602809 (6028604)		3.00	0.002
E602810 (6028605)		2.82	0.032
E602811 (6028606)		3.14	0.025
E602812 (6028607)		3.12	0.805
E602813 (6028608)		3.30	0.005
E602814 (6028609)		2.20	0.006

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## Certificate of Analysis

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

DATE SAMPLED: Nov 03, 2014      DATE RECEIVED: Oct 31, 2014      DATE REPORTED: Nov 19, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E602815 (6028610)		1.06	0.002
E602816 (6028611)		2.00	0.026
E602817 (6028612)		2.16	0.091
E602818 (6028613)		1.90	0.007
E602819 (6028614)		2.54	1.88
E602820 (6028615)		1.88	0.038
E602821 (6028616)		1.98	0.042
E602822 (6028617)		1.94	0.027
E602823 (6028618)		2.32	0.028
E602824 (6028619)		2.04	0.008
E602825 (6028620)		2.40	0.032
E602826 (6028621)		0.06	0.910
E602827 (6028622)		2.06	0.034
E602828 (6028623)		2.06	0.549
E602829 (6028624)		2.18	0.026
E602830 (6028625)		1.94	0.011
E602831 (6028626)		2.08	0.110
E602832 (6028627)		2.08	0.065
E602833 (6028628)		1.88	0.009
E602834 (6028629)		2.10	0.018
E602835 (6028630)		1.02	0.002
E602836 (6028631)		2.02	0.047
E602837 (6028632)		2.04	0.032
E602838 (6028633)		2.16	0.098
E602839 (6028634)		2.18	0.036
E602840 (6028635)		2.00	0.074
E602841 (6028636)		1.80	0.349
E602842 (6028637)		2.06	0.312
E602843 (6028638)		2.16	0.030
E602844 (6028639)		2.24	1.10
E602845 (6028640)		0.06	1.14

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## Certificate of Analysis

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ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 03, 2014      DATE RECEIVED: Oct 31, 2014      DATE REPORTED: Nov 19, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E602846 (6028641)		1.90	0.575
E602847 (6028642)		2.06	0.006
E602848 (6028643)		2.14	0.027
E602849 (6028644)		2.18	0.005
E602850 (6028645)		2.04	0.010
E602851 (6028646)		2.02	0.005
E602852 (6028647)		2.24	0.009
E602853 (6028648)		2.20	1.14
E602854 (6028649)		1.98	0.042
E602855 (6028650)		0.82	0.005
E602856 (6028651)		1.98	0.017
E602857 (6028652)		2.08	1.14
E602858 (6028653)		2.00	0.124
E602859 (6028654)		2.00	0.015
E602860 (6028655)		2.00	0.008
E602861 (6028656)		2.02	9.43
E602862 (6028657)		2.18	0.501
E602863 (6028658)		1.98	0.079
E602864 (6028659)		2.18	0.004
E602865 (6028660)		0.98	<0.001
E602866 (6028661)		2.06	1.83
E602867 (6028662)		2.20	0.076
E602868 (6028663)		2.12	2.12
E602869 (6028664)		1.32	0.610
E602870 (6028665)		3.02	3.61
E602871 (6028666)		2.26	0.022
E602872 (6028667)		2.22	0.055
E602873 (6028668)		1.16	0.081
E602874 (6028669)		0.98	0.011
E602875 (6028670)		0.06	1.32
E602876 (6028671)		2.22	0.223

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## Certificate of Analysis

AGAT WORK ORDER: 14U910813

PROJECT: HISLOP

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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

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

DATE SAMPLED: Nov 03, 2014      DATE RECEIVED: Oct 31, 2014      DATE REPORTED: Nov 19, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E602877 (6028672)		2.22	0.117
E602878 (6028673)		2.30	0.154
E602879 (6028674)		1.10	1.87
E602880 (6028675)		1.12	1.24
E602881 (6028676)		1.12	0.065
E602882 (6028677)		1.20	0.003
E602883 (6028678)		1.18	0.017
E602884 (6028679)		2.26	0.122
E602885 (6028680)		1.02	0.003
E602886 (6028681)		1.50	0.221
E602887 (6028682)		2.98	0.105
E602888 (6028683)		1.22	0.366
E602889 (6028684)		1.08	0.092
E602890 (6028685)		2.90	0.055
E602891 (6028686)		0.96	0.128
E602892 (6028687)		1.48	0.090
E602893 (6028688)		1.04	0.246
E602894 (6028689)		2.10	0.277
E602895 (6028690)		2.06	0.034
E602896 (6028691)		0.06	0.539
E602897 (6028692)		2.18	0.004
E602898 (6028693)		3.14	0.002
E602899 (6028694)		3.34	0.006
E602900 (6028695)		3.14	0.507
E602901 (6028696)		3.26	0.004
E602902 (6028697)		3.14	0.025
E602903 (6028698)		3.46	0.029
E602904 (6028699)		3.60	0.036
E602905 (6028700)		0.50	0.003
E602906 (6028701)		2.74	0.022
E602907 (6028702)		2.72	0.137

Certified By:



## Certificate of Analysis

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ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 03, 2014      DATE RECEIVED: Oct 31, 2014      DATE REPORTED: Nov 19, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E602908 (6028703)		1.58	0.006
E602909 (6028704)		3.66	0.237
E602910 (6028705)		1.70	0.143
E602911 (6028706)		2.14	0.014
E602912 (6028707)		3.60	0.013
E602913 (6028708)		3.58	0.131
E602914 (6028709)		3.52	0.023
E602915 (6028710)		1.40	0.009
E602916 (6028711)		0.06	0.825
E602917 (6028712)		1.22	0.379
E602918 (6028713)		2.46	0.036
E602919 (6028714)		3.54	0.008
E602920 (6028715)		3.50	<0.001
E602921 (6028716)		2.34	0.040
E602922 (6028717)		1.74	0.092
E602923 (6028718)		2.80	0.007
E602924 (6028719)		3.02	0.101
E602925 (6028720)		0.50	0.005
E602926 (6028721)		3.76	0.032
E602927 (6028722)		3.64	0.069
E602928 (6028723)		3.62	0.029
E602929 (6028724)		1.40	0.044
E602930 (6028725)		1.20	0.086
E602931 (6028726)		1.32	0.051
E602932 (6028727)		2.44	0.054
E602933 (6028728)		2.74	0.004
E602934 (6028729)		2.34	0.002
E602935 (6028730)		0.06	0.532
E602936 (6028731)		3.48	0.007
E602937 (6028732)		2.48	0.048

Certified By:





**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14U910813

PROJECT: HISLOP

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

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

DATE SAMPLED: Nov 03, 2014

DATE RECEIVED: Oct 31, 2014

DATE REPORTED: Nov 19, 2014

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E602797	0.023	0.016		E602747	0.147	0.151	2.7%	E602772	0.004	0.004	0.0%	E602872	0.055	0.093	
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E602897	0.004	0.002		E602922	0.092	0.096	4.3%								



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

	CRM #1 (ref.1P5K)				CRM #2 (ref.GSP7J)				CRM #3 (ref.1P5K)				CRM #4 (ref.GS6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.34	93%	90% - 110%	0.722	0.801	110%	90% - 110%	1.44	1.39	96%	90% - 110%	6.09	6.14	101%	90% - 110%
	CRM #5 (ref.GSP7J)				CRM #6 (ref.GS6D)				CRM #7 (ref.GSP7J)				CRM #8 (ref.1P5K)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.759	105%	90% - 110%	6.09	6.09	100%	90% - 110%	0.722	0.801	110%	90% - 110%	1.44	1.47	102%	90% - 110%



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U910813

PROJECT: HISLOP

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U911845

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

DATE REPORTED: Nov 25, 2014

PAGES (INCLUDING COVER): 12

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: 14U911845

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 05, 2014      DATE RECEIVED: Nov 04, 2014      DATE REPORTED: Nov 25, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E602938 (6038780)		3.44	0.018
E602939 (6038781)		2.24	0.145
E602940 (6038782)		2.20	0.061
E602941 (6038784)		3.50	0.028
E602942 (6038785)		2.48	0.010
E602943 (6038786)		1.24	0.096
E602944 (6038787)		3.60	0.021
E602945 (6038788)		1.18	0.087
E602946 (6038789)		0.78	0.002
E602947 (6038790)		1.56	0.043
E602948 (6038791)		1.96	0.405
E602949 (6038792)		2.68	0.024
E602950 (6038793)		3.84	0.003
E602951 (6038794)		3.54	0.047
E602952 (6038795)		3.42	0.001
E602953 (6038796)		3.76	0.018
E602954 (6038797)		3.56	0.001
E602955 (6038798)		3.80	0.002
E602956 (6038799)		0.06	0.520
E602957 (6038800)		3.50	0.018
E602958 (6038801)		3.66	0.004
E602959 (6038802)		3.66	0.012
E602960 (6038803)		1.16	<0.001
E602961 (6038804)		2.42	0.003
E602962 (6038805)		3.54	<0.001
E602963 (6038806)		3.60	0.021
E602964 (6038807)		1.16	0.043
E602965 (6038808)		1.30	0.001
E602966 (6038810)		1.06	0.050
E602967 (6038811)		1.20	0.002
E602968 (6038812)		3.68	0.002

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## Certificate of Analysis

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 05, 2014

DATE RECEIVED: Nov 04, 2014

DATE REPORTED: Nov 25, 2014

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E602969 (6038813)		3.66	0.006
E602970 (6038814)		3.50	0.009
E602971 (6038815)		3.52	0.040
E602972 (6038816)		3.48	0.074
E602973 (6038817)		3.42	0.103
E602974 (6038818)		2.30	0.878
E602975 (6038819)		0.06	0.888
E602976 (6038820)		3.54	0.030
E602977 (6038821)		3.42	0.080
E602978 (6038822)		3.72	0.405
E602979 (6038823)		1.60	3.05
E602980 (6038824)		1.22	0.908
E602981 (6038825)		3.26	0.018
E602982 (6038826)		2.76	0.334
E602983 (6038828)		1.50	0.734
E602984 (6038829)		1.26	0.055
E602985 (6038830)		1.18	0.003
E602986 (6038831)		1.10	1.82
E602987 (6038832)		1.20	2.61
E602988 (6038833)		1.24	0.836
E602989 (6038834)		1.54	0.189
E602990 (6038835)		1.56	0.668
E602991 (6038836)		1.92	0.064
E602992 (6038837)		3.72	0.153
E602993 (6038838)		3.62	0.126
E602994 (6038839)		2.60	0.148
E602995 (6038840)		0.06	0.519
E602996 (6038841)		1.16	7.84
E602997 (6038842)		3.58	0.111
E602998 (6038843)		3.72	0.101
E602999 (6038844)		3.46	0.078

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## Certificate of Analysis

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ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 05, 2014      DATE RECEIVED: Nov 04, 2014      DATE REPORTED: Nov 25, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603000 (6038845)		3.60	0.011
E603001 (6038846)		3.44	0.124
E603002 (6038847)		3.98	0.007
E603003 (6038848)		3.68	0.026
E603004 (6038849)		3.46	0.004
E603005 (6038850)		1.76	<0.001
E603006 (6038851)		3.64	0.002
E603007 (6038852)		3.78	<0.001
E603008 (6038853)		3.90	0.047
E603009 (6038854)		3.74	0.002
E603010 (6038855)		3.78	0.004
E603011 (6038856)		3.46	0.020
E603012 (6038857)		3.80	0.013
E603013 (6038858)		3.68	0.021
E603014 (6038859)		3.08	0.699
E603015 (6038860)		1.12	2.70
E603016 (6038861)		0.06	0.525
E603017 (6038862)		1.16	2.95
E603018 (6038863)		1.16	4.41
E603019 (6038864)		3.42	0.535
E603020 (6038865)		3.16	0.010
E603021 (6038866)		3.14	0.022
E603022 (6038867)		3.20	0.002
E603023 (6038868)		3.24	0.007
E603024 (6038869)		3.62	0.014
E603025 (6038870)		1.10	<0.001
E603026 (6038871)		3.36	0.010
E603027 (6038872)		3.24	0.004
E603028 (6038873)		3.32	0.014
E603029 (6038874)		1.60	0.365
E603030 (6038875)		1.70	0.022

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ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 05, 2014      DATE RECEIVED: Nov 04, 2014      DATE REPORTED: Nov 25, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603031 (6038876)		1.78	0.231
E603032 (6038877)		2.08	0.010
E603033 (6038878)		2.62	0.012
E603034 (6038879)		3.28	0.015
E603035 (6038880)		0.06	0.895
E603036 (6038881)		3.20	0.024
E603037 (6038882)		3.36	0.002
E603038 (6038883)		3.38	0.012
E603039 (6038884)		3.30	<0.001
E603040 (6038885)		3.48	0.004
E603041 (6038886)		3.36	<0.001
E603042 (6038887)		3.12	<0.001
E603043 (6038888)		3.40	<0.001
E603044 (6038889)		3.34	0.001
E603045 (6038890)		0.94	<0.001
E603046 (6038891)		3.30	0.034
E603047 (6038892)		3.32	0.031
E603048 (6038893)		3.38	0.045
E603049 (6038894)		3.30	<0.001
E603050 (6038895)		3.46	0.007
E603051 (6038896)		3.28	0.002
E603052 (6038897)		3.24	<0.001
E603053 (6038898)		3.36	0.054
E603054 (6038899)		3.08	0.005
E603055 (6038900)		1.24	<0.001
E603056 (6038901)		3.36	0.056
E603057 (6038902)		3.28	0.104
E603058 (6038903)		3.26	0.006
E603059 (6038904)		2.54	0.305
E603060 (6038905)		2.54	0.119
E603061 (6038906)		1.88	0.007

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## Certificate of Analysis

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PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 05, 2014      DATE RECEIVED: Nov 04, 2014      DATE REPORTED: Nov 25, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603062 (6038907)		3.18	0.024
E603063 (6038908)		3.56	0.004
E603064 (6038909)		1.94	0.051
E603065 (6038910)		1.52	0.043
E603066 (6038911)		0.06	0.519
E603067 (6038912)		3.38	0.129
E603068 (6038913)		3.70	0.106
E603069 (6038914)		3.50	0.146
E603070 (6038915)		3.64	0.031
E603071 (6038916)		3.28	0.085
E603072 (6038917)		3.12	0.025
E603073 (6038918)		3.52	0.380
E603074 (6038919)		3.52	0.015
E603075 (6038920)		1.24	<0.001
E603076 (6038921)		3.40	0.080
E603077 (6038922)		3.36	0.059
E603078 (6038923)		3.06	0.044
E603079 (6038924)		1.94	0.052
E603080 (6038925)		1.82	0.150
E603081 (6038926)		2.28	0.110
E603082 (6038927)		1.94	0.033
E603083 (6038928)		2.32	0.042
E603084 (6038929)		3.18	0.012
E603085 (6038930)		0.10	0.530
E603086 (6038931)		3.30	0.020
E603087 (6038932)		3.12	0.015
E603088 (6038933)		3.26	0.004
E603089 (6038934)		3.12	0.168
E603090 (6038935)		3.36	0.165
E603091 (6038936)		3.34	0.050
E603092 (6038937)		2.92	0.019

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U911845

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 05, 2014

DATE RECEIVED: Nov 04, 2014

DATE REPORTED: Nov 25, 2014

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603093 (6038938)		3.00	0.111
E603094 (6038939)		3.46	0.046
E603095 (6038940)		1.52	0.002
E603096 (6038941)		2.66	0.357
E603097 (6038942)		3.00	0.040
E603098 (6038943)		3.16	0.050
E603099 (6038944)		3.10	0.004
E603100 (6038945)		3.34	0.009
E603101 (6038946)		3.24	5.77
E603102 (6038947)		3.16	0.007
E603103 (6038948)		3.38	1.22
E603104 (6038949)		3.54	0.132
E603105 (6038950)		0.10	0.851
E603106 (6038951)		2.86	0.005
E603107 (6038952)		1.12	0.022
E603108 (6038953)		2.20	0.258
E603109 (6038954)		2.36	0.007
E603110 (6038955)		2.96	0.003
E603111 (6038956)		2.50	0.003
E603112 (6038957)		3.40	0.023
E603113 (6038958)		3.98	0.127
E603114 (6038959)		3.54	0.011
E603115 (6038960)		1.02	0.007
E603116 (6038961)		3.58	0.031
E603117 (6038962)		3.70	0.037
E603118 (6038963)		1.16	0.556
E603119 (6038964)		1.38	0.582
E603120 (6038965)		1.16	0.238
E603121 (6038966)		3.74	0.065
E603122 (6038967)		3.72	0.004
E603123 (6038968)		3.12	0.026

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U911845

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 05, 2014      DATE RECEIVED: Nov 04, 2014      DATE REPORTED: Nov 25, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603124 (6038969)		3.76	0.246
E603125 (6038970)		0.10	0.519
E603126 (6038971)		3.56	0.058
E603127 (6038972)		3.72	0.150
E603128 (6038973)		3.56	0.007
E603129 (6038974)		3.66	0.004
E603130 (6038975)		3.52	0.011
E603131 (6038976)		1.40	0.021
E603132 (6038977)		1.82	0.287
E603133 (6038978)		1.54	0.022
E603134 (6038979)		2.34	0.002
E603135 (6038980)		3.38	0.148
E603136 (6038981)		3.58	0.112
E603137 (6038982)		3.46	0.019
E603138 (6038983)		1.22	0.053
E603139 (6038984)		1.62	0.072
E603140 (6038985)		1.70	0.214
E603141 (6038987)		3.12	0.011
E603142 (6038988)		2.02	0.003
E603143 (6038989)		2.22	0.009
E603144 (6038990)		3.78	0.033
E603145 (6038991)		0.10	0.502
E603146 (6038992)		3.62	0.012
E603147 (6038993)		2.50	0.021
E603148 (6038994)		2.30	0.034
E603149 (6038995)		2.32	0.068
E603150 (6038996)		3.68	0.056
E603151 (6038997)		3.84	0.031
E603152 (6038998)		3.60	0.073
E603153 (6038999)		3.66	0.360
E603154 (6039000)		3.62	0.010

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

DATE SAMPLED: Nov 05, 2014

DATE RECEIVED: Nov 04, 2014

DATE REPORTED: Nov 25, 2014

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603155 (6039001)		1.60	0.001
E603156 (6039002)		3.40	0.009
E603157 (6039003)		3.72	0.037
E603158 (6039004)		3.62	0.040
E603159 (6039005)		3.82	0.025
E603160 (6039006)		1.14	0.001
E603161 (6039007)		2.16	0.013
E603162 (6039008)		3.42	0.043
E603163 (6039009)		3.24	0.008
E603164 (6039010)		3.32	0.009
E603165 (6039011)		0.10	0.521

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

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	E602938	0.018	0.015	18.2%	E602955	0.002	0.003	40.0%	E603055	< 0.001	< 0.001	0.0%	E603071	0.085	0.050	



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GS6D)				CRM #2 (ref.GSP7J)				CRM #3 (ref.GS6D)				CRM #4 (ref.1P5K)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.09	5.83	96%	90% - 110%	0.722	0.722	100%	90% - 110%	6.09	6.37	105%	90% - 110%	1.44	1.44	100%	90% - 110%
CRM #5 (ref.GS6D)																
Parameter	Expect	Actual	Recovery	Limits												
Au	6.09	6.17	101%	90% - 110%												



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U911845

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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





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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U917727

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

DATE REPORTED: Dec 12, 2014

PAGES (INCLUDING COVER): 8

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 14U917727

PROJECT: HISLOP 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

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

DATE SAMPLED: Nov 19, 2014

DATE RECEIVED: Nov 18, 2014

DATE REPORTED: Dec 12, 2014

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603166 (6093016)		1.46	0.004
E603167 (6093017)		1.76	0.003
E603168 (6093018)		3.44	<0.001
E603169 (6093019)		3.16	0.002
E603170 (6093020)		3.34	0.001
E603171 (6093021)		3.46	0.005
E603172 (6093022)		3.04	0.004
E603173 (6093023)		3.60	0.048
E603174 (6093024)		3.12	<0.001
E603175 (6093025)		1.40	<0.001
E603176 (6093026)		3.22	0.005
E603177 (6093027)		3.02	0.089
E603178 (6093028)		3.26	0.007
E603179 (6093029)		2.80	0.012
E603180 (6093030)		3.28	0.060
E603181 (6093031)		3.02	0.010
E603182 (6093032)		2.74	0.001
E603183 (6093033)		2.88	<0.001
E603184 (6093034)		3.82	<0.001
E603185 (6093035)		0.10	0.538
E603186 (6093036)		3.44	0.033
E603187 (6093037)		3.18	0.005
E603188 (6093038)		3.40	0.011
E603189 (6093039)		3.12	0.008
E603190 (6093040)		3.36	0.008
E603191 (6093041)		3.26	0.001
E603192 (6093042)		3.50	2.41
E603193 (6093043)		2.80	0.001
E603194 (6093044)		3.16	0.006
E603195 (6093045)		1.68	<0.001
E603196 (6093046)		3.00	<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U917727

PROJECT: HISLOP PROJECT

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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

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

DATE SAMPLED: Nov 19, 2014      DATE RECEIVED: Nov 18, 2014      DATE REPORTED: Dec 12, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603197 (6093047)		NSS	NSS
E603198 (6093048)		3.24	0.114
E603199 (6093049)		3.30	0.071
E603200 (6093050)		3.28	0.064
E603201 (6093051)		3.04	0.587
E603202 (6093052)		3.14	1.76
E603203 (6093053)		3.20	0.679
E603204 (6093054)		2.94	0.454
E603205 (6093055)		1.66	<0.001
E603206 (6093056)		2.84	0.008
E603207 (6093057)		2.96	0.035
E603208 (6093058)		3.18	0.144
E603209 (6093059)		2.38	0.134
E603210 (6093060)		2.88	0.210
E603211 (6093061)		2.90	0.006
E603212 (6093062)		2.52	0.085
E603213 (6093063)		2.14	0.018
E603214 (6093064)		2.16	0.022
E603215 (6093065)		0.06	0.531
E603216 (6093066)		1.38	0.018
E603217 (6093067)		2.64	0.022
E603218 (6093068)		2.92	0.018
E603219 (6093069)		3.14	0.026
E603220 (6093070)		2.98	0.009
E603221 (6093071)		3.14	0.009
E603222 (6093072)		3.02	0.029
E603223 (6093073)		2.94	0.222
E603224 (6093074)		1.04	0.511
E603225 (6093075)		1.34	<0.001
E603226 (6093076)		1.04	0.871
E603227 (6093077)		0.98	0.399

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U917727

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 19, 2014      DATE RECEIVED: Nov 18, 2014      DATE REPORTED: Dec 12, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603228 (6093078)		3.16	0.398
E603229 (6093079)		2.86	0.349
E603230 (6093080)		2.76	0.030
E603231 (6093081)		1.20	0.044
E603232 (6093082)		2.42	0.014
E603233 (6093083)		2.36	<0.001
E603234 (6093084)		2.08	0.002
E603235 (6093085)		0.06	0.930
E603236 (6093086)		1.76	0.065
E603237 (6093087)		3.10	0.002
E603238 (6093088)		2.66	0.015
E603239 (6093089)		3.38	0.004
E603240 (6093090)		2.78	0.001
E603241 (6093091)		2.82	0.010
E603242 (6093092)		3.22	0.047
E603243 (6093093)		3.30	0.004
E603244 (6093094)		3.18	0.010
E603245 (6093095)		1.16	0.001
E603246 (6093096)		3.18	0.041
E603247 (6093097)		2.98	0.004
E603248 (6093098)		3.16	0.004
E603249 (6093099)		1.18	0.009
E603250 (6093100)		1.94	0.002
E603251 (6093101)		3.28	0.008
E603252 (6093102)		3.24	0.012
E603253 (6093103)		3.18	0.010
E603254 (6093104)		2.90	1.52
E603255 (6093105)		0.06	0.515
E603256 (6093106)		1.70	0.153
E603257 (6093107)		1.98	0.031
E603258 (6093108)		3.22	0.058

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U917727

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 19, 2014

DATE RECEIVED: Nov 18, 2014

DATE REPORTED: Dec 12, 2014

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603259 (6093109)		3.12	0.045
E603260 (6093110)		3.16	0.053
E603261 (6093111)		3.14	0.066
E603262 (6093112)		3.16	0.046
E603263 (6093113)		3.20	0.043
E603264 (6093114)		3.22	0.602
E603265 (6093115)		1.40	0.001
E603266 (6093116)		2.98	0.009
E603267 (6093117)		3.30	0.006
E603268 (6093118)		3.26	0.030
E603269 (6093119)		3.12	0.025
E603270 (6093120)		3.12	0.030
E603271 (6093121)		3.36	0.023
E603272 (6093122)		3.24	0.016
E603273 (6093123)		3.36	0.029

Comments: RDL - Reported Detection Limit  
 NSS - Insufficient sample available for assay

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E603249	0.009	0.010	10.5%	E603266	0.009	0.007	25.0%	E603198	0.114	0.110	3.6%	E603216	0.018	0.037	
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Au	E603232	0.014	0.011	24.0%												



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GS6D)				CRM #2 (ref.1P5K)				CRM #3 (ref.GS6D)				CRM #4 (ref.GSP7J)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.09	5.67	93%	90% - 110%	1.44	1.41	98%	90% - 110%	6.09	5.7	94%	90% - 110%	0.722	0.725	100%	90% - 110%
Parameter	CRM #5 (ref.GS6D)				CRM #6 (ref.GS6D)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	6.09	6.13	101%	90% - 110%	6.09	5.93	97%	90% - 110%								



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD  
PROJECT: HISLOP PROJECT  
SAMPLING SITE:

AGAT WORK ORDER: 14U917727  
ATTENTION TO: CRAIG TODD  
SAMPLED BY:

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





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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U920702

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

DATE REPORTED: Dec 08, 2014

PAGES (INCLUDING COVER): 8

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 14U920702

PROJECT: HISLOP 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

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

DATE SAMPLED: Nov 26, 2014      DATE RECEIVED: Nov 25, 2014      DATE REPORTED: Dec 08, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603274 (6118574)		3.18	0.128
E603275 (6118575)		0.04	0.907
E603276 (6118576)		3.44	0.005
E603277 (6118577)		3.00	0.011
E603278 (6118578)		3.02	0.002
E603279 (6118579)		3.02	0.004
E603280 (6118580)		3.14	0.020
E603281 (6118581)		3.08	0.062
E603282 (6118582)		3.20	0.005
E603283 (6118583)		3.02	0.044
E603284 (6118584)		3.06	0.046
E603285 (6118585)		1.24	<0.001
E603286 (6118586)		3.26	0.016
E603287 (6118587)		3.20	0.007
E603288 (6118588)		3.32	0.150
E603289 (6118589)		2.86	0.035
E603290 (6118590)		2.46	0.007
E603291 (6118591)		2.36	0.002
E603292 (6118592)		2.26	0.027
E603293 (6118593)		3.28	0.014
E603294 (6118594)		3.16	0.002
E603295 (6118595)		0.06	0.527
E603296 (6118596)		3.20	0.017
E603297 (6118597)		1.44	0.003
E603298 (6118598)		1.54	0.107
E603299 (6118599)		1.98	0.012
E603300 (6118600)		1.30	0.076
E603301 (6118601)		3.04	0.204
E603302 (6118602)		3.16	0.079
E603303 (6118603)		1.62	2.31
E603304 (6118604)		1.42	0.051

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U920702

PROJECT: HISLOP 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

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

DATE SAMPLED: Nov 26, 2014

DATE RECEIVED: Nov 25, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603305 (6118605)		1.78	0.263
E603306 (6118606)		2.86	0.026
E603307 (6118607)		1.64	0.193
E603308 (6118608)		3.16	0.005
E603309 (6118609)		1.80	0.085
E603310 (6118610)		1.58	0.002
E603311 (6118611)		1.80	0.432
E603312 (6118612)		1.24	0.084
E603313 (6118613)		1.54	0.132
E603314 (6118614)		1.72	0.010
E603315 (6118615)		1.36	<0.001
E603316 (6118616)		3.06	0.014
E603317 (6118617)		3.06	0.006
E603318 (6118618)		3.10	0.533
E603319 (6118620)		1.24	4.76
E603320 (6118621)		1.84	0.291
E603321 (6118622)		3.26	0.141
E603322 (6118623)		3.02	0.159
E603323 (6118624)		3.20	0.093
E603324 (6118625)		3.28	0.003
E603325 (6118626)		0.06	1.06
E603326 (6118627)		3.56	0.315
E603327 (6118628)		2.88	0.164
E603328 (6118629)		1.96	0.085
E603329 (6118630)		1.18	0.134
E603330 (6118631)		3.40	0.041
E603331 (6118632)		2.62	0.055
E603332 (6118633)		1.70	0.488
E603333 (6118634)		2.02	0.030
E603334 (6118635)		3.18	0.298
E603335 (6118636)		1.32	0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U920702

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 26, 2014      DATE RECEIVED: Nov 25, 2014      DATE REPORTED: Dec 08, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603336 (6118637)		3.18	0.162
E603337 (6118638)		3.10	0.022
E603338 (6118639)		1.34	0.244
E603339 (6118640)		1.90	0.023
E603340 (6118641)		3.38	0.127
E603341 (6118642)		3.32	0.051
E603342 (6118643)		2.26	0.089
E603343 (6118644)		1.76	1.11
E603344 (6118645)		2.42	0.105
E603345 (6118646)		0.06	0.529
E603346 (6118647)		3.36	1.05
E603347 (6118648)		3.22	0.037
E603348 (6118649)		3.14	0.099
E603349 (6118650)		3.48	0.123
E603350 (6118651)		1.66	0.241
E603351 (6118652)		1.96	0.176
E603352 (6118653)		3.24	0.375
E603353 (6118654)		3.36	0.037
E603354 (6118655)		3.22	0.011
E603355 (6118656)		1.40	0.001
E603356 (6118657)		3.46	0.002
E603357 (6118658)		3.22	0.105
E603358 (6118659)		1.96	0.144
E603359 (6118660)		1.44	0.398
E603360 (6118661)		3.38	0.248
E603361 (6118662)		1.76	0.102
E603362 (6118663)		1.58	0.036
E603363 (6118664)		3.40	0.039
E603364 (6118665)		3.38	0.100
E603365 (6118666)		0.06	0.524
E603366 (6118667)		3.40	0.057

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U920702

PROJECT: HISLOP 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

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

DATE SAMPLED: Nov 26, 2014      DATE RECEIVED: Nov 25, 2014      DATE REPORTED: Dec 08, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603367 (6118668)		3.42	0.010
E603368 (6118669)		3.32	0.012
E603369 (6118670)		2.98	0.030
E603370 (6118671)		2.98	0.018
E603371 (6118672)		3.16	0.067
E603372 (6118673)		3.10	0.516
E603373 (6118674)		2.98	0.002
E603374 (6118675)		2.80	0.045
E603375 (6118677)		1.28	0.001
E603376 (6118678)		3.18	0.014
E603377 (6118679)		3.24	0.011
E603378 (6118680)		2.98	0.019
E603379 (6118681)		3.42	0.059
E603380 (6118682)		2.74	2.82
E603381 (6118683)		1.84	0.050

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E603274	0.128	0.102	22.6%	E603291	0.002	0.002	0.0%	E603307	0.193	0.141		E603324	0.003	0.004	28.6%
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Au	E603341	0.051	0.042	19.4%												



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.1P5K)				CRM #2 (ref.GSP7J)				CRM #3 (ref.GS6D)				CRM #4 (ref.1P5K)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.48	103%	90% - 110%	0.722	0.675	93%	90% - 110%	6.09	5.76	95%	90% - 110%	1.44	1.43	99%	90% - 110%



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U920702

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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





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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U922826

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

DATE REPORTED: Dec 16, 2014

PAGES (INCLUDING COVER): 8

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 14U922826

PROJECT: HISLOP 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

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

DATE SAMPLED: Dec 01, 2014      DATE RECEIVED: Nov 28, 2014      DATE REPORTED: Dec 16, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603382 (6136310)		1.50	0.321
E603383 (6136311)		1.76	0.007
E603384 (6136312)		2.16	0.107
E603385 (6136313)		0.06	1.15
E603386 (6136314)		2.54	0.017
E603387 (6136315)		3.34	0.012
E603388 (6136316)		3.30	0.017
E603389 (6136317)		3.18	0.033
E603390 (6136318)		3.18	0.057
E603391 (6136319)		2.44	0.228
E603392 (6136320)		3.06	0.135
E603393 (6136321)		1.82	0.024
E603394 (6136322)		2.10	0.072
E603395 (6136323)		1.50	<0.001
E603396 (6136324)		3.08	0.024
E603397 (6136325)		3.14	0.025
E603398 (6136326)		3.26	0.098
E603399 (6136327)		3.00	0.054
E603400 (6136328)		3.28	0.476
E603401 (6136329)		3.24	0.103
E603402 (6136330)		3.24	0.042
E603403 (6136331)		3.32	0.004
E603404 (6136332)		3.16	0.003
E603405 (6136333)		3.14	0.033
E603406 (6136334)		3.04	1.85
E603407 (6136335)		2.90	0.100
E603408 (6136336)		2.94	0.024
E603409 (6136337)		3.16	0.117
E603410 (6136338)		3.08	0.004
E603411 (6136339)		3.32	0.004
E603412 (6136340)		3.08	0.007

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U922826

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 01, 2014      DATE RECEIVED: Nov 28, 2014      DATE REPORTED: Dec 16, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603413 (6136341)		3.14	0.005
E603414 (6136342)		3.32	0.031
E603415 (6136343)		0.06	0.503
E603416 (6136344)		3.18	0.008
E603417 (6136345)		3.02	0.014
E603418 (6136346)		2.90	0.042
E603419 (6136347)		3.08	0.009
E603420 (6136348)		3.02	0.007
E603421 (6136349)		3.14	0.128
E603422 (6136350)		3.08	0.004
E603423 (6136351)		3.34	0.032
E603424 (6136352)		3.16	0.094
E603425 (6136353)		1.30	0.005
E603426 (6136354)		3.10	0.037
E603427 (6136355)		3.12	0.747
E603428 (6136356)		1.68	0.337
E603429 (6136357)		1.50	0.005
E603430 (6136358)		1.40	0.071
E603431 (6136359)		1.34	0.013
E603432 (6136360)		2.00	0.044
E603433 (6136361)		1.60	0.005
E603434 (6136362)		3.16	0.019
E603435 (6136363)		0.06	0.964
E603436 (6136364)		3.08	0.013
E603437 (6136365)		3.16	0.032
E603438 (6136366)		3.48	0.009
E603439 (6136367)		3.14	0.002
E603440 (6136368)		3.06	0.029
E603441 (6136369)		3.10	0.058
E603442 (6136370)		3.14	0.078
E603443 (6136371)		3.08	0.069

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U922826

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 01, 2014      DATE RECEIVED: Nov 28, 2014      DATE REPORTED: Dec 16, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603444 (6136372)		3.22	0.024
E603445 (6136373)		3.18	0.015
E603446 (6136374)		3.22	0.032
E603447 (6136375)		3.04	0.003
E603448 (6136376)		3.20	0.009
E603449 (6136377)		1.42	0.001
E603450 (6136378)		2.24	0.152
E603451 (6136379)		1.10	0.064
E603452 (6136380)		3.12	0.010
E603453 (6136381)		3.22	0.005
E603454 (6136382)		3.04	0.012
E603455 (6136383)		1.30	0.001
E603456 (6136384)		3.32	<0.001
E603457 (6136385)		3.46	0.009
E603458 (6136386)		3.42	1.18
E603459 (6136387)		2.90	0.044
E603460 (6136388)		3.12	0.003
E603461 (6136389)		3.22	0.019
E603462 (6136390)		2.94	0.035
E603463 (6136391)		3.04	0.049
E603464 (6136392)		3.18	0.006
E603465 (6136393)		2.90	0.003
E603466 (6136394)		0.06	0.906
E603467 (6136395)		3.06	0.001
E603468 (6136396)		3.18	0.003
E603469 (6136397)		2.98	0.009
E603470 (6136398)		3.36	0.001
E603471 (6136399)		3.18	0.034
E603472 (6136400)		3.14	0.019
E603473 (6136401)		3.18	0.007
E603474 (6136402)		3.28	0.009

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U922826

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 01, 2014      DATE RECEIVED: Nov 28, 2014      DATE REPORTED: Dec 16, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603475 (6136403)		3.24	0.009
E603476 (6136404)		1.68	<0.001
E603477 (6136405)		3.30	0.024
E603478 (6136406)		3.18	<0.001
E603479 (6136407)		3.30	0.004
E603480 (6136409)		3.06	0.033
E603481 (6136410)		3.18	0.304
E603482 (6136412)		3.12	0.007
E603483 (6136413)		3.18	0.024
E603484 (6136414)		3.08	0.206
E603485 (6136416)		0.06	0.529
E603486 (6136417)		1.50	0.128
E603487 (6136418)		1.90	1.36
E603488 (6136419)		3.02	0.086
E603489 (6136420)		3.30	0.054

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

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	E603407	0.100	0.147		E603398	0.098	0.100	2.0%	E603432	0.044	0.035	22.8%	E603448	0.009	0.013	



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 14U922826  
 PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.1P5K)				CRM #2 (ref.GS6D)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	1.44	1.53	106%	90% - 110%	6.09	6.36	105%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U922826

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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





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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U922833

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

DATE REPORTED: Dec 15, 2014

PAGES (INCLUDING COVER): 5

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

\*NOTES

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



# Certificate of Analysis

AGAT WORK ORDER: 14U922833

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 01, 2014

DATE RECEIVED: Nov 28, 2014

DATE REPORTED: Dec 15, 2014

SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID)	RDL:	
E603983 (6136477)	1.54	0.090

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	Sample ID	REPLICATE #1											
		Original	Replicate	RPD									
Au	E603983	0.090	0.063										



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U922833

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.1P5K)				Expect	Actual	Recovery	Limits							
	Expect	Actual	Recovery	Limits											
Au	1.44	1.38	96%	90% - 110%											



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U922833

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP

AGAT WORK ORDER: 14U923614

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

DATE REPORTED: Dec 15, 2014

PAGES (INCLUDING COVER): 8

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\*NOTES

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## Certificate of Analysis

AGAT WORK ORDER: 14U923614

PROJECT: HISLOP

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

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

DATE SAMPLED: Dec 03, 2014      DATE RECEIVED: Dec 02, 2014      DATE REPORTED: Dec 15, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603561 (6142978)		1.48	0.003
E603562 (6142979)		1.64	0.003
E603563 (6142980)		2.72	0.033
E603564 (6142981)		3.30	0.007
E603565 (6142982)		3.22	0.029
E603566 (6142983)		3.22	0.017
E603567 (6142984)		3.04	0.065
E603568 (6142985)		2.98	0.004
E603569 (6142986)		3.04	0.008
E603570 (6142987)		3.06	0.086
E603571 (6142988)		1.36	0.012
E603572 (6142989)		2.14	0.048
E603573 (6142990)		2.70	0.038
E603574 (6142991)		1.50	0.068
E603575 (6142992)		1.48	<0.001
E603576 (6142993)		1.52	0.063
E603577 (6142994)		3.16	0.017
E603578 (6142995)		3.22	0.015
E603579 (6142996)		3.14	0.006
E603580 (6142997)		2.92	0.031
E603581 (6142998)		3.06	0.004
E603582 (6142999)		2.98	0.004
E603583 (6143000)		3.00	0.004
E603584 (6143001)		3.02	0.102
E603585 (6143002)		2.84	0.028
E603586 (6143003)		0.06	0.496
E603587 (6143004)		2.90	0.018
E603588 (6143005)		3.14	0.001
E603589 (6143006)		3.06	0.001
E603590 (6143007)		1.60	0.007
E603591 (6143008)		1.58	0.069

Certified By: Y. Chen.



## Certificate of Analysis

AGAT WORK ORDER: 14U923614

PROJECT: HISLOP

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

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

DATE SAMPLED: Dec 03, 2014      DATE RECEIVED: Dec 02, 2014      DATE REPORTED: Dec 15, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603592 (6143009)		1.94	0.089
E603593 (6143010)		1.02	0.223
E603594 (6143011)		1.28	0.976
E603595 (6143012)		1.98	0.029
E603596 (6143013)		1.48	<0.001
E603597 (6143014)		2.92	0.014
E603598 (6143015)		3.12	0.011
E603599 (6143016)		2.98	0.013
E603600 (6143017)		3.08	<0.001
E603601 (6143018)		2.94	0.002
E603602 (6143019)		2.78	0.011
E603603 (6143020)		3.20	<0.001
E603604 (6143021)		3.08	0.004
E603605 (6143022)		2.94	0.001
E603606 (6143023)		0.06	0.853
E603607 (6143024)		3.08	0.003
E603608 (6143025)		2.98	<0.001
E603609 (6143026)		2.52	0.002
E603610 (6143027)		3.34	0.002
E603611 (6143028)		2.82	0.001
E603612 (6143029)		3.00	0.005
E603613 (6143030)		3.12	0.035
E603614 (6143031)		2.96	0.014
E603615 (6143032)		3.18	0.004
E603616 (6143033)		1.34	<0.001
E603617 (6143034)		2.86	0.003
E603618 (6143035)		2.84	<0.001
E603619 (6143036)		3.08	0.020
E603620 (6143037)		2.98	0.174
E603621 (6143038)		2.90	0.005
E603622 (6143039)		3.10	<0.001

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 14U923614

PROJECT: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 03, 2014      DATE RECEIVED: Dec 02, 2014      DATE REPORTED: Dec 15, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603623 (6143040)		2.84	0.002
E603624 (6143041)		2.82	0.061
E603625 (6143042)		0.06	0.542
E603626 (6143043)		3.02	0.259
E603627 (6143044)		2.90	0.066
E603628 (6143045)		2.32	0.033
E603629 (6143046)		1.66	0.002
E603630 (6143047)		2.00	0.009
E603631 (6143048)		2.82	0.062
E603632 (6143049)		3.32	0.233
E603633 (6143050)		3.16	0.006
E603634 (6143051)		3.14	0.006
E603635 (6143052)		1.34	0.003
E603636 (6143053)		3.02	0.003
E603637 (6143054)		2.96	0.005
E603638 (6143055)		2.86	0.025
E603639 (6143056)		2.96	0.009
E603640 (6143057)		3.12	0.022
E603641 (6143058)		3.00	0.008
E603642 (6143059)		2.76	0.807
E603643 (6143060)		3.12	0.250
E603644 (6143061)		2.78	0.161
E603645 (6143062)		3.38	0.013
E603646 (6143063)		0.06	0.515
E603647 (6143064)		3.10	0.003
E603648 (6143065)		3.34	<0.001
E603649 (6143066)		3.10	0.002
E603650 (6143067)		3.46	0.006
E603651 (6143068)		3.16	0.002
E603652 (6143069)		3.08	0.037
E603653 (6143070)		2.92	0.027

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U923614

PROJECT: HISLOP

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

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

DATE SAMPLED: Dec 03, 2014      DATE RECEIVED: Dec 02, 2014      DATE REPORTED: Dec 15, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603654 (6143071)		3.28	0.043
E603655 (6143072)		3.22	0.035
E603656 (6143073)		2.96	0.611
E603657 (6143074)		1.68	0.001
E603658 (6143075)		3.38	0.020
E603659 (6143076)		2.98	0.023
E603660 (6143077)		3.06	<0.001
E603661 (6143078)		3.08	0.001
E603662 (6143079)		3.20	0.010
E603663 (6143080)		3.10	0.019
E603664 (6143081)		1.70	0.143
E603665 (6143082)		0.06	0.846
E603666 (6143083)		1.24	0.148
E603667 (6143084)		3.38	0.008
E603668 (6143085)		3.12	0.007

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E603561	0.003	< 0.001		E603577	0.017	0.028		E603593	0.223	0.036		E603611	0.001	0.002	
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E603627	0.066	0.077	15.4%	E603643	0.250	0.438									



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.ME1303)				CRM #2 (ref.GS6D)				CRM #3 (ref.ME1303)				CRM #4 (ref.GS6D)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.924	0.836	90%	90% - 110%	6.09	5.83	96%	90% - 110%	0.924	0.845	91%	90% - 110%	6.09	6.03	99%	90% - 110%
Parameter	CRM #5 (ref.1P5K)				CRM #6 (ref.ME1303)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	1.44	1.38	96%	90% - 110%	0.924	0.862	93%	90% - 110%								



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U923614

PROJECT: HISLOP

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U923617

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

DATE REPORTED: Dec 17, 2014

PAGES (INCLUDING COVER): 7

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 14U923617

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 03, 2014      DATE RECEIVED: Dec 02, 2014      DATE REPORTED: Dec 17, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603490 (6143093)		3.16	0.029
E603491 (6143094)		3.06	0.053
E603492 (6143095)		3.04	0.616
E603493 (6143096)		3.14	0.161
E603494 (6143097)		3.12	0.093
E603495 (6143098)		1.26	0.002
E603496 (6143099)		2.90	0.103
E603497 (6143100)		3.08	0.052
E603498 (6143101)		3.36	0.016
E603499 (6143102)		3.02	0.040
E603500 (6143103)		3.04	0.036
E603501 (6143104)		3.10	0.014
E603502 (6143105)		3.26	0.044
E603503 (6143106)		3.08	0.007
E603504 (6143107)		3.22	0.002
E603505 (6143108)		3.10	0.008
E603506 (6143109)		3.26	0.003
E603507 (6143110)		0.06	0.508
E603508 (6143111)		3.14	0.010
E603509 (6143112)		2.94	0.058
E603510 (6143113)		2.94	0.026
E603511 (6143114)		3.08	0.005
E603512 (6143115)		3.02	<0.001
E603513 (6143116)		2.96	0.008
E603514 (6143117)		2.92	0.042
E603515 (6143118)		3.18	0.002
E603516 (6143119)		1.26	0.001
E603517 (6143120)		3.10	0.003
E603518 (6143121)		2.86	0.005
E603519 (6143122)		2.82	0.003
E603520 (6143123)		3.06	0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U923617

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 03, 2014      DATE RECEIVED: Dec 02, 2014      DATE REPORTED: Dec 17, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603521 (6143124)		3.06	0.004
E603522 (6143125)		2.98	0.003
E603523 (6143126)		3.18	0.002
E603524 (6143127)		2.78	0.002
E603525 (6143128)		0.06	0.517
E603526 (6143129)		2.74	0.002
E603527 (6143130)		2.84	0.005
E603528 (6143131)		2.94	0.002
E603529 (6143132)		3.00	0.003
E603530 (6143133)		3.08	0.003
E603531 (6143134)		2.66	0.006
E603532 (6143135)		2.82	0.002
E603533 (6143136)		3.10	0.002
E603534 (6143137)		2.94	0.002
E603535 (6143138)		1.12	0.001
E603536 (6143139)		2.96	0.002
E603537 (6143140)		2.86	0.004
E603538 (6143141)		2.88	0.002
E603539 (6143142)		2.76	0.003
E603540 (6143143)		1.28	0.035
E603541 (6143144)		1.16	0.094
E603542 (6143145)		1.34	0.052
E603543 (6143146)		2.26	0.012
E603544 (6143147)		3.04	0.003
E603545 (6143148)		0.06	1.01
E603546 (6143149)		2.82	0.002
E603547 (6143150)		2.94	0.002
E603548 (6143151)		2.86	0.002
E603549 (6143152)		2.98	0.003
E603550 (6143153)		2.86	0.002
E603551 (6143154)		3.18	0.002

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 14U923617

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 03, 2014      DATE RECEIVED: Dec 02, 2014      DATE REPORTED: Dec 17, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603552 (6143155)		2.98	0.001
E603553 (6143156)		3.02	0.003
E603554 (6143157)		2.94	0.002
E603555 (6143158)		3.02	0.001
E603556 (6143159)		1.58	0.001
E603557 (6143160)		3.08	<0.001
E603558 (6143161)		3.06	0.016
E603559 (6143162)		2.84	0.019
E603560 (6143163)		2.04	0.002

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

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	E603490	0.029	0.023	23.1%	E603506	0.003	0.003	0.0%	E603522	0.003	0.002		E603540	0.035	0.018	



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 14U923617  
 PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.1P5K)				CRM #2 (ref.GS6D)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	1.44	1.57	109%	90% - 110%	6.09	5.75	94%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U923617

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U925541

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

DATE REPORTED: Dec 19, 2014

PAGES (INCLUDING COVER): 6

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: 14U925541

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 08, 2014      DATE RECEIVED: Dec 05, 2014      DATE REPORTED: Dec 19, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603669 (6158209)		3.28	0.010
E603670 (6158210)		2.98	<0.001
E603671 (6158211)		3.18	<0.001
E603672 (6158212)		3.22	0.002
E603673 (6158213)		3.24	0.093
E603674 (6158214)		2.92	0.025
E603675 (6158215)		1.58	<0.001
E603676 (6158216)		3.18	0.020
E603677 (6158217)		3.06	0.002
E603678 (6158218)		3.20	0.034
E603679 (6158219)		3.28	0.002
E603680 (6158220)		3.02	0.004
E603681 (6158221)		3.04	0.003
E603682 (6158222)		0.98	0.003
E603683 (6158223)		2.02	0.086
E603684 (6158224)		3.42	0.023
E603685 (6158225)		0.06	0.515
E603686 (6158226)		0.86	0.171
E603687 (6158227)		2.38	0.003
E603688 (6158228)		3.20	0.031
E603689 (6158229)		3.10	0.017
E603690 (6158230)		3.24	0.013
E603691 (6158231)		3.22	0.034
E603692 (6158232)		3.20	0.005
E603693 (6158233)		3.28	0.055
E603694 (6158234)		3.36	0.064
E603695 (6158235)		1.06	0.001
E603696 (6158236)		3.32	0.009
E603697 (6158237)		4.18	0.071
E603698 (6158238)		2.38	0.080
E603699 (6158239)		3.08	0.008

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U925541

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 08, 2014      DATE RECEIVED: Dec 05, 2014      DATE REPORTED: Dec 19, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603700 (6158240)		3.28	0.020
E603701 (6158241)		3.12	0.011
E603702 (6158242)		3.46	0.001
E603703 (6158243)		3.30	0.001
E603704 (6158244)		3.32	0.005
E603705 (6158245)		0.06	0.887
E603706 (6158246)		3.20	0.114
E603707 (6158247)		3.24	0.026
E603708 (6158248)		2.90	0.079
E603709 (6158249)		3.30	0.018
E603710 (6158250)		3.20	0.004
E603711 (6158251)		3.54	0.013
E603712 (6158252)		3.18	0.001
E603713 (6158253)		3.38	0.001
E603714 (6158254)		3.38	0.001
E603715 (6158255)		1.14	<0.001
E603716 (6158256)		3.36	<0.001
E603717 (6158257)		3.24	<0.001
E603718 (6158258)		3.30	0.002
E603719 (6158259)		3.32	0.018
E603720 (6158260)		3.24	0.017
E603721 (6158261)		3.24	0.003
E603722 (6158262)		3.14	0.002
E603723 (6158263)		3.10	<0.001
E603724 (6158264)		3.12	0.015
E603725 (6158265)		0.06	1.03
E603726 (6158266)		0.92	0.134
E603727 (6158267)		1.30	0.326
E603728 (6158268)		1.20	0.127

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	6158214	0.025	0.025	0.0%	6158234	0.064	0.180		6158255	< 0.001	< 0.001	0.0%				





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GS6D)				CRM #2 (ref.GS6D)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	5.78	95%	90% - 110%	6.09	5.96	98%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U925541

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U928219

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jan 11, 2015

PAGES (INCLUDING COVER): 8

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\*NOTES

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## Certificate of Analysis

AGAT WORK ORDER: 14U928219

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 15, 2014      DATE RECEIVED: Dec 12, 2014      DATE REPORTED: Jan 11, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
		0.01	0.001	0.5
E603777 (6183837)		3.06	0.003	
E603778 (6183838)		1.60	0.064	
E603779 (6183839)		1.10	0.106	
E603780 (6183840)		1.14	>10	20.45
E603781 (6183841)		1.98	0.169	
E603782 (6183842)		2.58	0.021	
E603783 (6183843)		1.42	0.009	
E603784 (6183844)		1.24	0.005	
E603785 (6183845)		0.06	1.11	
E603786 (6183846)		1.32	0.697	
E603787 (6183847)		1.88	0.778	
E603788 (6183848)		2.14	0.194	
E603789 (6183849)		3.20	0.053	
E603790 (6183850)		0.90	0.005	
E603791 (6183851)		1.04	0.026	
E603792 (6183852)		1.16	0.017	
E603793 (6183853)		3.26	0.125	
E603794 (6183854)		3.30	0.009	
E603795 (6183855)		1.62	<0.001	
E603796 (6183856)		3.16	0.024	
E603797 (6183857)		3.20	0.029	
E603798 (6183858)		3.36	0.030	
E603799 (6183859)		3.36	0.006	
E603800 (6183860)		3.38	0.008	
E603801 (6183861)		3.06	0.158	
E603802 (6183862)		2.96	0.039	
E603803 (6183863)		3.00	0.009	
E603804 (6183864)		3.18	0.002	
E603805 (6183865)		3.24	0.007	
E603806 (6183866)		0.06	0.903	
E603807 (6183867)		3.00	0.022	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14U928219

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 15, 2014      DATE RECEIVED: Dec 12, 2014      DATE REPORTED: Jan 11, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E603808 (6183868)		3.26	0.105	
E603809 (6183869)		3.24	0.012	
E603810 (6183870)		3.22	0.001	
E603811 (6183871)		3.46	0.002	
E603812 (6183872)		3.38	<0.001	
E603813 (6183873)		3.18	0.005	
E603814 (6183874)		3.14	0.003	
E603815 (6183875)		1.52	<0.001	
E603816 (6183876)		3.02	0.003	
E603817 (6183877)		3.04	<0.001	
E603818 (6183878)		3.44	<0.001	
E603819 (6183879)		3.38	<0.001	
E603820 (6183880)		3.20	0.002	
E603821 (6183881)		3.34	0.025	
E603822 (6183882)		3.14	0.657	
E603823 (6183883)		3.12	0.039	
E603824 (6183884)		3.22	0.037	
E603825 (6183885)		0.06	0.523	
E603826 (6183886)		3.24	0.002	
E603827 (6183887)		3.28	0.007	
E603828 (6183888)		3.26	0.006	
E603829 (6183889)		3.18	0.006	
E603830 (6183890)		3.12	0.004	
E603831 (6183891)		3.22	0.002	
E603832 (6183892)		3.14	0.022	
E603833 (6183893)		3.22	0.007	
E603834 (6183894)		3.04	0.002	
E603835 (6183895)		3.32	0.001	
E603836 (6183896)		3.28	<0.001	
E603837 (6183897)		3.10	0.081	
E603838 (6183898)		3.34	0.058	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14U928219

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 15, 2014      DATE RECEIVED: Dec 12, 2014      DATE REPORTED: Jan 11, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E603839 (6183899)		3.26	0.003	
E603840 (6183900)		3.24	0.003	
E603841 (6183901)		3.64	0.002	
E603842 (6183902)		3.10	0.002	
E603843 (6183903)		3.24	<0.001	
E603844 (6183904)		3.20	0.002	
E603845 (6183905)		1.52	0.002	
E603846 (6183906)		3.32	<0.001	
E603847 (6183907)		3.10	<0.001	
E603848 (6183908)		3.12	<0.001	
E603849 (6183909)		3.52	0.040	
E603850 (6183910)		1.18	0.051	
E603851 (6183911)		1.14	0.098	
E603852 (6183912)		0.94	0.027	
E603853 (6183913)		1.42	0.388	
E603854 (6183914)		0.06	1.04	
E603855 (6183915)		2.12	0.190	
E603856 (6183916)		3.30	0.026	
E603857 (6183917)		3.12	0.005	
E603858 (6183918)		3.18	0.019	
E603859 (6183919)		3.26	0.013	
E603860 (6183920)		3.14	0.109	
E603861 (6183921)		3.32	0.006	
E603862 (6183922)		3.28	0.016	
E603863 (6183923)		2.62	<0.001	
E603864 (6183924)		1.58	0.054	
E603865 (6183925)		1.64	<0.001	
E603866 (6183926)		1.42	0.679	
E603867 (6183927)		1.20	0.045	
E603868 (6183928)		1.34	0.006	
E603869 (6183929)		1.78	0.009	

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14U928219

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 15, 2014      DATE RECEIVED: Dec 12, 2014      DATE REPORTED: Jan 11, 2015      SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
RDL:	0.01	0.001	0.5
Sample ID (AGAT ID)			
E603870 (6183930)	3.20	0.007	
E603871 (6183931)	3.28	<0.001	
E603872 (6183932)	3.16	0.006	
E603873 (6183933)	3.14	<0.001	
E603874 (6183934)	1.60	0.005	
E603875 (6183935)	0.06	0.881	
E603876 (6183936)	1.30	0.006	
E603877 (6183937)	1.66	0.019	
E603878 (6183938)	2.02	0.012	
E603879 (6183939)	3.10	0.015	
E603880 (6183940)	1.56	0.738	
E603881 (6183941)	1.82	0.004	
E603882 (6183942)	3.10	0.004	
E603883 (6183943)	1.58	0.004	
E603884 (6183944)	1.74	0.127	

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

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	E603777	0.003	0.003	0.0%	E603793	0.125	0.110	12.8%	E603884	0.127	0.144	12.5%	E603827	0.007	0.007	0.0%
Au-Grav													E603780	20.45	20.60	0.7%





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GSP7J)				CRM #2 (ref.GSP7J)				CRM #3 (ref.GS6D)				CRM #4 (ref.1P5K)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.726	100%	90% - 110%	0.722	0.739	102%	90% - 110%	6.09	6.08	100%	90% - 110%	1.44	1.47	102%	90% - 110%
CRM #5																
Parameter	Expect	Actual	Recovery	Limits												
Au-Grav	14.90	14.87	99%	95% - 105%												



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U928219

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U928220

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jan 05, 2015

PAGES (INCLUDING COVER): 6

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: 14U928220

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 15, 2014      DATE RECEIVED: Dec 12, 2014      DATE REPORTED: Jan 05, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603729 (6183946)		3.16	<0.001
E603730 (6183947)		3.52	<0.001
E603731 (6183948)		3.10	0.004
E603732 (6183949)		3.30	0.118
E603733 (6183950)		3.20	0.033
E603734 (6183951)		3.38	0.002
E603735 (6183952)		3.20	0.051
E603736 (6183953)		1.10	<0.001
E603737 (6183954)		3.02	0.041
E603738 (6183955)		3.30	0.082
E603739 (6183956)		3.46	0.008
E603740 (6183957)		3.22	0.001
E603741 (6183958)		3.30	0.083
E603742 (6183959)		3.48	0.045
E603743 (6183960)		3.42	0.043
E603744 (6183961)		3.22	0.187
E603745 (6183962)		0.06	0.560
E603746 (6183963)		2.70	0.224
E603747 (6183964)		1.86	0.094
E603748 (6183965)		1.94	0.002
E603749 (6183966)		3.22	0.039
E603750 (6183967)		3.36	0.010
E603751 (6183968)		3.34	0.011
E603752 (6183969)		3.30	0.007
E603753 (6183970)		3.08	0.005
E603754 (6183971)		3.22	0.010
E603755 (6183972)		3.00	0.087
E603756 (6183973)		1.28	<0.001
E603757 (6183974)		1.56	0.098
E603758 (6183975)		1.28	0.091
E603759 (6183976)		1.32	0.136

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14U928220

PROJECT: HISLOP 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

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

DATE SAMPLED: Dec 15, 2014      DATE RECEIVED: Dec 12, 2014      DATE REPORTED: Jan 05, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603760 (6183977)		2.68	0.018
E603761 (6183978)		3.18	0.014
E603762 (6183979)		3.14	0.019
E603763 (6183980)		3.14	0.099
E603764 (6183981)		1.16	0.135
E603765 (6183982)		0.06	0.563
E603766 (6183983)		1.14	0.257
E603767 (6183984)		2.04	0.099
E603768 (6183985)		1.22	8.69
E603769 (6183986)		1.26	0.054
E603770 (6183987)		2.62	0.041
E603771 (6183988)		3.12	0.054
E603772 (6183989)		3.38	0.043
E603773 (6183990)		1.24	0.008
E603774 (6183991)		0.84	0.230
E603775 (6183992)		1.52	<0.001
E603776 (6183993)		1.08	0.001

Comments: RDL - Reported Detection Limit

Certified By:

*Ron Cardinal*



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	E603729	< 0.001	< 0.001	0.0%	E603748	0.002	0.004		E603767	0.099	0.045	75.0%				



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.722	0.78	108%	90% - 110%	6.09	6.53	107%	90% - 110%	1.44	1.47	102%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD  
PROJECT: HISLOP PROJECT  
SAMPLING SITE:

AGAT WORK ORDER: 14U928220  
ATTENTION TO: CRAIG TODD  
SAMPLED BY:

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





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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U928983

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

DATE REPORTED: Dec 30, 2014

PAGES (INCLUDING COVER): 7

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 14U928983

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 17, 2014      DATE RECEIVED: Dec 16, 2014      DATE REPORTED: Dec 30, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603885 (6190392)		2.70	0.001
E603886 (6190393)		1.74	0.002
E603887 (6190394)		1.06	<0.001
E603888 (6190395)		2.80	0.066
E603889 (6190396)		2.92	0.007
E603890 (6190397)		3.06	0.032
E603891 (6190398)		3.20	0.229
E603892 (6190399)		3.18	0.258
E603893 (6190400)		3.10	0.120
E603894 (6190401)		3.50	0.033
E603895 (6190402)		0.06	0.906
E603896 (6190403)		3.36	0.022
E603897 (6190404)		3.46	0.088
E603898 (6190405)		3.30	0.007
E603899 (6190406)		3.50	0.063
E603900 (6190407)		3.40	0.011
E603901 (6190408)		3.30	0.023
E603902 (6190409)		3.26	<0.001
E603903 (6190410)		3.60	0.001
E603904 (6190411)		3.36	0.010
E603905 (6190412)		1.38	0.001
E603906 (6190413)		3.42	0.564
E603907 (6190414)		3.22	0.555
E603908 (6190415)		3.30	0.015
E603909 (6190416)		3.40	0.009
E603910 (6190417)		3.36	0.006
E603911 (6190418)		3.24	<0.001
E603912 (6190419)		3.22	0.001
E603913 (6190420)		3.34	0.003
E603914 (6190421)		3.48	0.009
E603915 (6190422)		0.06	0.554

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U928983

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 17, 2014      DATE RECEIVED: Dec 16, 2014      DATE REPORTED: Dec 30, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E603916 (6190423)		3.44	0.216
E603917 (6190424)		3.28	0.036
E603918 (6190425)		3.26	0.028
E603919 (6190426)		3.22	0.003
E603920 (6190427)		3.02	0.002
E603921 (6190428)		2.88	0.011
E603922 (6190429)		3.14	0.004
E603923 (6190430)		2.98	<0.001
E603924 (6190431)		2.98	<0.001
E603925 (6190432)		0.06	0.916
E603926 (6190433)		2.82	0.002
E603927 (6190434)		3.00	<0.001
E603928 (6190435)		2.96	0.001
E603929 (6190436)		2.98	<0.001
E603930 (6190437)		2.86	0.003
E603931 (6190438)		2.94	0.001
E603932 (6190439)		2.90	0.002
E603933 (6190440)		3.18	0.088
E603934 (6190441)		2.88	0.001
E603935 (6190442)		1.48	<0.001
E603936 (6190443)		2.98	<0.001
E603937 (6190444)		2.88	<0.001
E603938 (6190445)		3.00	0.002
E603939 (6190446)		2.82	0.001
E603940 (6190447)		2.98	<0.001
E603941 (6190448)		2.98	<0.001
E603942 (6190449)		3.04	<0.001
E603943 (6190450)		2.96	<0.001
E603944 (6190451)		2.94	<0.001
E603945 (6190452)		0.06	0.534
E603946 (6190453)		2.90	<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U928983

PROJECT: HISLOP PROJECT

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 FAX (905)501-0589  
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 17, 2014      DATE RECEIVED: Dec 16, 2014      DATE REPORTED: Dec 30, 2014      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603947 (6190454)		2.92	<0.001
E603948 (6190455)		2.94	0.006
E603949 (6190456)		3.24	<0.001
E603950 (6190457)		3.04	0.002
E603951 (6190458)		1.68	<0.001
E603952 (6190459)		3.10	0.004
E603953 (6190460)		3.30	<0.001
E603954 (6190461)		3.16	<0.001
E603955 (6190462)		1.28	0.001
E603956 (6190463)		3.20	0.004
E603957 (6190464)		2.94	0.019
E603958 (6190465)		2.96	0.016
E603959 (6190466)		2.00	0.006
E603960 (6190467)		1.16	0.060
E603961 (6190468)		1.22	0.213
E603962 (6190469)		1.84	0.008
E603963 (6190470)		3.00	0.002
E603964 (6190471)		3.22	0.007
E603965 (6190472)		0.06	1.05
E603966 (6190473)		0.96	0.033
E603967 (6190474)		2.00	0.007
E603968 (6190475)		3.02	0.006
E603969 (6190476)		3.04	0.001
E603970 (6190477)		2.96	<0.001
E603971 (6190478)		3.14	0.001
E402964 (6190536)		3.56	0.008

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

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	E603960	0.060	0.082		E603901	0.023	0.003		E603918	0.028	0.031	10.2%	E603936	< 0.001	< 0.001	0.0%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GSP7J)				CRM #2 (ref.1P5K)				CRM #3 (ref.GS6D)				CRM #4 (ref.GSP7J)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.800	110%	90% - 110%	1.44	1.59	110%	90% - 110%	6.09	6.46	106%	90% - 110%	0.722	0.80	110%	90% - 110%



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U928983

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP

AGAT WORK ORDER: 14U930780

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 06, 2015

PAGES (INCLUDING COVER): 5

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

\*NOTES

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





## Certificate of Analysis

AGAT WORK ORDER: 14U930780

PROJECT: HISLOP

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

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

DATE SAMPLED: Dec 22, 2014      DATE RECEIVED: Dec 19, 2014      DATE REPORTED: Jan 06, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E603972 (6210012)		3.22	0.001
E603973 (6210013)		3.26	0.005
E603974 (6210014)		3.08	0.002
E603975 (6210015)		1.16	<0.001
E603976 (6210016)		3.20	0.002
E603977 (6210017)		3.02	<0.001
E603978 (6210018)		3.08	0.003
E603979 (6210019)		2.98	0.002
E603980 (6210020)		3.00	0.002
E603981 (6210021)		2.98	<0.001
E603982 (6210022)		3.00	0.001

Comments: RDL - Reported Detection Limit

Certified By:



**AGAT** Laboratories

Quality Assurance - Replicate  
 AGAT WORK ORDER: 14U930780  
 PROJECT: HISLOP

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

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

Parameter	Sample ID	REPLICATE #1												
		Original	Replicate	RPD										
Au	6210012	0.001	< 0.001											



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 14U930780  
 PROJECT: HISLOP

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

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

Parameter	CRM #1 (ref. 1P5k)				Limits									
	Expect	Actual	Recovery											
Au	1.44	1.48	103%	90% - 110%										



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U930780

PROJECT: HISLOP

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 15U938585

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 29, 2015

PAGES (INCLUDING COVER): 5

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 15U938585

PROJECT: HISLOP 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

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

DATE SAMPLED: Jan 26, 2015      DATE RECEIVED: Jan 23, 2015      DATE REPORTED: Jan 29, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E604359 (6272885)		2.36	0.005
E604360 (6272886)		2.32	0.002
E604361 (6272887)		1.00	0.009
E604362 (6272888)		1.54	0.003
E604386 (6272889)		2.68	0.004
E604387 (6272890)		0.06	0.505
E604388 (6272891)		1.82	0.004
E604389 (6272892)		1.00	0.011
E604390 (6272893)		0.92	0.031
E604391 (6272894)		0.82	0.019
E604392 (6272895)		0.76	0.016
E604393 (6272896)		0.86	0.039
E604394 (6272897)		0.54	0.048
E604395 (6272898)		1.08	0.039
E604396 (6272899)		1.18	0.004
E604397 (6272900)		0.52	0.008
E604398 (6272901)		2.52	0.071
E604399 (6272902)		2.14	0.004
E604400 (6272903)		0.32	0.003
E604401 (6272904)		1.64	0.007
E604402 (6272905)		1.52	0.122
E604403 (6272906)		1.60	0.014
E604404 (6272907)		0.90	0.003
E604405 (6272908)		1.24	0.003
E604406 (6272909)		2.16	0.003

Comments: RDL - Reported Detection Limit

Certified By:



**AGAT** Laboratories

Quality Assurance - Replicate  
 AGAT WORK ORDER: 15U938585  
 PROJECT: HISLOP 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

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

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E604359	0.005	0.004	16.1%	E604401	0.007	0.006	4.9%								



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GS6D)				CRM #2 (1P5K)				CRM #3 (1P5K)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	5.98	98%	90% - 110%	1.44	1.51	105%	90% - 110%	1.44	1.42	99%	90% - 110%				





## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U938585

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 15U939345

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Feb 04, 2015

PAGES (INCLUDING COVER): 7

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 15U939345

PROJECT: HISLOP 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

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

DATE SAMPLED: Jan 28, 2015

DATE RECEIVED: Jan 27, 2015

DATE REPORTED: Feb 04, 2015

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E603984 (6277486)		3.06	0.012
E603985 (6277487)		2.76	0.015
E603986 (6277488)		2.66	0.007
E603987 (6277489)		2.70	0.006
E603988 (6277490)		2.88	0.002
E603989 (6277491)		2.50	0.006
E603990 (6277492)		2.58	0.007
E603991 (6277493)		2.40	0.006
E603992 (6277494)		2.44	0.005
E603993 (6277495)		2.82	0.024
E603994 (6277496)		1.50	0.002
E603995 (6277497)		2.66	0.036
E603996 (6277498)		2.52	0.019
E603997 (6277499)		2.58	0.037
E603998 (6277500)		2.66	0.011
E603999 (6277501)		2.82	0.002
E604000 (6277502)		2.56	0.003
E604015 (6277503)		2.22	0.005
E604016 (6277504)		2.44	0.004
E604017 (6277505)		2.58	0.007
E604018 (6277506)		2.62	0.002
E604019 (6277507)		0.06	0.532
E604020 (6277508)		2.56	0.002
E604021 (6277509)		2.54	0.003
E604022 (6277510)		2.84	0.010
E604023 (6277511)		2.42	0.075
E604024 (6277512)		2.52	0.006
E604025 (6277513)		2.46	0.003
E604026 (6277514)		2.74	0.002
E604027 (6277515)		2.48	0.001
E604028 (6277516)		2.70	0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 15U939345

PROJECT: HISLOP 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

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

DATE SAMPLED: Jan 28, 2015      DATE RECEIVED: Jan 27, 2015      DATE REPORTED: Feb 04, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E604029 (6277517)		2.28	0.005
E604030 (6277518)		1.16	<0.001
E604031 (6277519)		2.48	0.226
E604032 (6277520)		2.44	0.033
E604033 (6277521)		2.68	0.005
E604034 (6277522)		2.56	0.006
E604035 (6277523)		2.56	0.003
E604036 (6277524)		2.54	0.006
E604037 (6277525)		2.98	0.003
E604038 (6277526)		2.58	0.008
E604039 (6277527)		2.78	0.011
E604040 (6277528)		2.36	0.003
E604041 (6277529)		0.06	0.684
E604042 (6277530)		2.62	0.008
E604043 (6277531)		2.82	0.018
E604044 (6277532)		2.60	0.037
E604045 (6277533)		2.68	0.018
E604046 (6277534)		2.62	0.004
E604047 (6277535)		2.68	0.050
E604048 (6277536)		0.98	0.011
E604049 (6277537)		2.88	0.022
E604050 (6277538)		1.16	0.043
E604051 (6277539)		2.82	0.028
E604052 (6277540)		2.80	0.017
E604053 (6277541)		2.80	0.009
E604054 (6277542)		0.76	0.001
E604055 (6277543)		2.24	<0.001
E604056 (6277544)		2.28	0.001
E604057 (6277545)		1.68	0.170
E604058 (6277546)		2.44	0.003
E604059 (6277547)		2.58	0.015

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 15U939345

PROJECT: HISLOP 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

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

DATE SAMPLED: Jan 28, 2015      DATE RECEIVED: Jan 27, 2015      DATE REPORTED: Feb 04, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E604060 (6277548)		2.60	<0.001
E604061 (6277549)		0.06	0.521
E604062 (6277550)		2.66	0.005
E604063 (6277551)		2.54	0.003
E604064 (6277552)		2.54	0.002
E604065 (6277553)		2.78	0.008
E604066 (6277554)		2.72	0.001
E604067 (6277555)		3.18	0.001
E604068 (6277556)		2.90	0.003
E604069 (6277557)		3.06	0.047
E604070 (6277558)		1.00	0.001
E604071 (6277559)		2.86	0.002
E604072 (6277560)		2.86	0.002
E604073 (6277561)		0.96	0.003
E604074 (6277562)		2.80	0.001

Comments: RDL - Reported Detection Limit

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



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E603984	0.0123	0.0138	11.5%	E604000	0.002	< 0.001		E604030	< 0.001	< 0.001	0.0%	E604048	0.021	0.010	
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E604066	0.001	0.003		E604074	0.001	0.001	0.0%								



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)				CRM #4 (ref.GSP7J)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.791	110%	90% - 110%	6.09	6.45	106%	90% - 110%	1.44	1.56	109%	90% - 110%	0.722	0.735	102%	90% - 110%
	CRM #5 (ref.GSP7J)															
Parameter	Expect	Actual	Recovery	Limits												
Au	0.722	0.753	104%	90% - 110%												



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U939345

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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





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

ATTENTION TO: CRAIG TODD

PROJECT: GARRISON PROJECT

AGAT WORK ORDER: 15U940624

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Feb 05, 2015

PAGES (INCLUDING COVER): 6

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: 15U940624

PROJECT: GARRISON 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

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

DATE SAMPLED: Jan 30, 2015

DATE RECEIVED: Jan 30, 2015

DATE REPORTED: Feb 05, 2015

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E604075 (6284949)		2.16	0.003
E604076 (6284950)		2.96	0.003
E604077 (6284951)		2.98	0.011
E604078 (6284952)		2.74	0.009
E604079 (6284953)		3.00	0.003
E604080 (6284954)		2.48	0.008
E604081 (6284955)		3.22	0.010
E604082 (6284956)		0.06	0.894
E604083 (6284957)		2.92	0.019
E604084 (6284958)		2.96	0.049
E604085 (6284959)		2.88	0.008
E604086 (6284960)		2.92	0.006
E604087 (6284961)		2.72	0.011
E604088 (6284962)		2.94	0.004
E604089 (6284963)		3.00	0.071
E604090 (6284964)		2.72	0.009
E604091 (6284965)		2.92	0.035
E604092 (6284966)		1.04	0.001
E604093 (6284967)		2.96	0.016
E604094 (6284968)		3.00	0.020
E604095 (6284969)		1.18	0.280
E604096 (6284970)		0.98	0.959
E604097 (6284971)		0.80	5.56
E604098 (6284972)		2.36	0.866
E604099 (6284973)		2.80	0.826
E604100 (6284974)		0.06	0.523
E604101 (6284975)		3.62	0.860
E604102 (6284976)		2.40	0.260
E604103 (6284977)		2.80	0.037
E604104 (6284978)		3.44	0.094
E604105 (6284979)		3.12	0.809

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 15U940624

PROJECT: GARRISON 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

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

DATE SAMPLED: Jan 30, 2015

DATE RECEIVED: Jan 30, 2015

DATE REPORTED: Feb 05, 2015

SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID)	RDL: 0.01	0.001
E604106 (6284980)	1.38	0.002
E604107 (6284981)	2.74	0.442
E604108 (6284982)	0.06	0.904
E604109 (6284983)	2.72	0.007
E604110 (6284984)	2.68	0.004

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	E604075	0.003	< 0.001		E604096	0.959	1.02	6.2%								



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GS6D)				CRM #2 (ref.GSP7J)				CRM #3 (ref.GS6D)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	6.6	108%	90% - 110%	0.722	0.718	99%	90% - 110%	6.09	5.54	91%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U940624

PROJECT: GARRISON PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: GARRISON

AGAT WORK ORDER: 15U942779

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Feb 12, 2015

PAGES (INCLUDING COVER): 6

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: 15U942779

PROJECT: GARRISON

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

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

DATE SAMPLED: Feb 06, 2015      DATE RECEIVED: Feb 06, 2015      DATE REPORTED: Feb 12, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E604201 (6299008)		2.46	0.010
E604202 (6299009)		2.78	0.005
E604203 (6299010)		1.26	0.001
E604204 (6299011)		3.96	0.005
E604205 (6299012)		4.00	0.004
E604206 (6299013)		2.28	0.006
E604207 (6299014)		3.22	0.006
E604208 (6299015)		2.76	0.003
E604209 (6299016)		2.96	0.005
E604210 (6299017)		2.66	0.002
E604211 (6299018)		2.76	0.001
E604212 (6299019)		2.74	0.003
E604213 (6299020)		2.70	0.004
E604214 (6299021)		3.18	0.002
E604215 (6299022)		0.06	0.509
E604216 (6299023)		2.74	0.003
E604217 (6299024)		2.54	0.018
E604218 (6299025)		3.06	0.053
E604219 (6299026)		2.62	0.004
E604220 (6299027)		3.76	0.005
E604221 (6299028)		2.32	0.003
E604222 (6299029)		2.44	0.009
E604223 (6299030)		1.24	0.008
E604224 (6299031)		2.92	0.002
E604225 (6299032)		1.62	0.002
E604226 (6299033)		1.02	<0.001
E604227 (6299034)		3.98	0.003
E604228 (6299035)		4.54	0.002
E604229 (6299036)		3.66	0.001
E604230 (6299037)		4.10	0.009
E604231 (6299038)		3.92	0.006

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 15U942779

PROJECT: GARRISON

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

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

DATE SAMPLED: Feb 06, 2015      DATE RECEIVED: Feb 06, 2015      DATE REPORTED: Feb 12, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E604232 (6299039)		4.40	0.003
E604233 (6299040)		4.02	0.002
E604234 (6299041)		4.20	0.002
E604235 (6299042)		4.08	0.004
E604236 (6299043)		4.38	0.003
E604237 (6299044)		4.08	0.004
E604238 (6299045)		3.82	0.005
E604239 (6299046)		1.08	<0.001
E604240 (6299047)		3.94	0.004
E604241 (6299048)		4.26	0.004
E604242 (6299049)		3.96	0.006
E604243 (6299050)		3.74	0.005
E604244 (6299051)		3.86	0.002
E604245 (6299052)		0.06	0.833
E604246 (6299053)		3.98	0.008
E604247 (6299054)		2.58	<0.001
E604248 (6299055)		3.82	0.003
E604249 (6299056)		3.26	0.045
E604250 (6299057)		2.46	0.004
E604251 (6299058)		2.52	0.003
E604252 (6299059)		2.54	0.002
E604253 (6299060)		4.00	0.006
E604254 (6299061)		3.62	0.004
E604255 (6299062)		1.22	0.002
E604256 (6299063)		3.52	0.006
E604257 (6299064)		3.88	0.004
E604258 (6299066)		4.34	0.002
E604259 (6299067)		4.06	0.003
E604260 (6299069)		0.06	0.493

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

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	E604201	0.0095	0.0077	20.9%	E604217	0.0179	0.0196	9.1%	E604233	0.002	0.002	0.0%	E604251	0.003	0.003	0.0%



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5k)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.722	0.719	100%	90% - 110%	6.09	6.01	99%	90% - 110%	1.44	1.43	99%	90% - 110%				



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U942779

PROJECT: GARRISON

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: GARRISON

AGAT WORK ORDER: 15U942780

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Feb 12, 2015

PAGES (INCLUDING COVER): 7

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 15U942780

PROJECT: GARRISON

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

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

DATE SAMPLED: Feb 06, 2015      DATE RECEIVED: Feb 06, 2015      DATE REPORTED: Feb 12, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E604111 (6298917)		2.90	0.002
E604112 (6298918)		2.62	0.009
E604113 (6298919)		2.78	<0.001
E604114 (6298920)		2.92	0.002
E604115 (6298921)		2.70	<0.001
E604116 (6298922)		3.04	0.002
E604117 (6298923)		2.68	0.002
E604118 (6298924)		3.14	0.003
E604119 (6298925)		2.74	0.002
E604120 (6298926)		2.90	0.094
E604121 (6298927)		2.86	0.020
E604122 (6298928)		2.84	0.006
E604123 (6298929)		2.72	0.018
E604124 (6298930)		3.04	0.004
E604125 (6298931)		2.58	0.004
E604126 (6298932)		1.40	<0.001
E604127 (6298933)		1.98	0.136
E604128 (6298934)		2.92	0.418
E604129 (6298935)		2.94	0.175
E604130 (6298936)		0.92	0.030
E604131 (6298937)		2.72	0.562
E604132 (6298938)		2.82	0.472
E604133 (6298939)		2.60	0.587
E604134 (6298940)		2.84	1.32
E604135 (6298941)		2.68	0.310
E604136 (6298942)		2.94	0.263
E604137 (6298943)		2.82	0.140
E604138 (6298944)		0.08	0.829
E604139 (6298945)		2.92	0.011
E604140 (6298946)		2.78	0.013
E604141 (6298947)		2.82	<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 15U942780

PROJECT: GARRISON

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Feb 06, 2015      DATE RECEIVED: Feb 06, 2015      DATE REPORTED: Feb 12, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E604142 (6298948)		2.82	0.013
E604143 (6298949)		2.96	0.022
E604144 (6298950)		2.92	0.010
E604145 (6298951)		2.70	0.015
E604146 (6298952)		2.80	0.045
E604147 (6298953)		3.02	0.040
E604148 (6298954)		2.84	0.053
E604149 (6298955)		2.66	0.034
E604150 (6298956)		2.82	0.032
E604151 (6298957)		2.80	0.036
E604152 (6298958)		3.00	0.001
E604153 (6298959)		2.64	<0.001
E604154 (6298960)		2.42	0.003
E604155 (6298961)		2.48	0.118
E604156 (6298962)		2.74	0.002
E604157 (6298963)		2.66	0.023
E604158 (6298964)		2.48	0.003
E604159 (6298965)		3.18	0.005
E604160 (6298966)		1.22	0.002
E604161 (6298967)		2.60	0.002
E604162 (6298968)		3.00	0.002
E604163 (6298969)		2.70	0.006
E604164 (6298970)		2.74	0.006
E604165 (6298971)		0.06	0.523
E604166 (6298972)		3.24	0.001
E604167 (6298973)		2.96	0.008
E604168 (6298974)		0.66	0.004
E604169 (6298975)		0.78	0.014
E604170 (6298976)		0.70	0.005
E604171 (6298977)		2.72	0.008
E604172 (6298978)		2.70	0.012

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## Certificate of Analysis

AGAT WORK ORDER: 15U942780

PROJECT: GARRISON

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Feb 06, 2015      DATE RECEIVED: Feb 06, 2015      DATE REPORTED: Feb 12, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E604173 (6298979)		2.54	0.011
E604174 (6298980)		2.68	0.024
E604175 (6298981)		2.40	0.014
E604176 (6298982)		4.20	0.004
E604177 (6298983)		3.40	0.009
E604178 (6298984)		3.64	0.016
E604179 (6298985)		3.76	0.015
E604180 (6298986)		1.24	0.001
E604181 (6298987)		3.88	0.004
E604182 (6298988)		3.92	0.025
E604183 (6298989)		3.82	0.003
E604184 (6298990)		4.16	0.003
E604185 (6298991)		5.60	0.002
E604186 (6298992)		2.22	0.004
E604187 (6298993)		2.84	0.005
E604188 (6298994)		2.50	0.001
E604189 (6298995)		4.12	0.004
E604190 (6298996)		0.06	0.922
E604191 (6298997)		4.40	0.004
E604192 (6298998)		2.22	0.009
E604193 (6298999)		2.62	0.003
E604194 (6299000)		2.88	0.004
E604195 (6299001)		2.60	0.006
E604196 (6299002)		3.88	0.002
E604197 (6299003)		3.90	0.005
E604198 (6299004)		4.02	<0.001
E604199 (6299005)		4.02	0.003
E604200 (6299006)		2.14	0.004

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	6298967	0.0024	0.0025	4.1%	6298983	0.009	0.010	10.5%	6298992	0.0041	0.0033					



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

Parameter	CRM #1 (ref.1P5k)				CRM #2 (ref.GS6D)				CRM #3 (ref.GSP7J)				CRM #4 (ref.1P5K)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.43	99%	90% - 110%	6.09	5.8	95%	90% - 110%	0.722	0.744	103%	90% - 110%	1.44	1.51	105%	90% - 110%



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U942780

PROJECT: GARRISON

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: GARRISON PROJECT

AGAT WORK ORDER: 15U945321

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Feb 25, 2015

PAGES (INCLUDING COVER): 8

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

\*NOTES

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



## Certificate of Analysis

AGAT WORK ORDER: 15U945321

PROJECT: GARRISON 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

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

DATE SAMPLED: Feb 17, 2015      DATE RECEIVED: Feb 13, 2015      DATE REPORTED: Feb 25, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E604261 (6318487)		3.64	0.003
E604262 (6318488)		3.34	0.003
E604263 (6318489)		3.40	0.003
E604264 (6318490)		3.20	0.003
E604265 (6318491)		1.54	0.001
E604266 (6318492)		3.22	0.005
E604267 (6318493)		1.94	0.003
E604268 (6318494)		1.52	0.005
E604269 (6318495)		1.78	0.002
E604270 (6318496)		0.98	0.019
E604271 (6318497)		2.82	0.006
E604272 (6318498)		3.42	0.010
E604273 (6318499)		3.28	0.003
E604274 (6318500)		3.58	0.005
E604275 (6318501)		3.44	0.003
E604276 (6318502)		3.24	0.003
E604277 (6318503)		3.38	0.002
E604278 (6318504)		3.14	0.005
E604279 (6318505)		3.08	0.005
E604280 (6318506)		2.76	0.003
E604281 (6318507)		2.74	0.001
E604282 (6318508)		3.24	0.001
E604283 (6318509)		2.58	0.001
E604284 (6318510)		0.66	0.014
E604285 (6318511)		0.06	1.07
E604286 (6318512)		2.64	0.003
E604287 (6318513)		3.26	0.002
E604288 (6318514)		3.22	0.003
E604289 (6318515)		3.34	0.003
E604290 (6318516)		3.22	0.002
E604291 (6318517)		2.88	0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 15U945321

PROJECT: GARRISON 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

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

DATE SAMPLED: Feb 17, 2015      DATE RECEIVED: Feb 13, 2015      DATE REPORTED: Feb 25, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E604292 (6318518)		3.54	<0.001
E604293 (6318519)		2.86	0.006
E604294 (6318520)		3.38	0.301
E604295 (6318521)		0.86	1.53
E604296 (6318522)		0.94	0.957
E604297 (6318523)		2.46	0.009
E604298 (6318524)		2.18	0.003
E604299 (6318525)		3.30	0.003
E604300 (6318526)		1.42	<0.001
E604301 (6318527)		3.62	0.002
E604302 (6318528)		3.00	0.002
E604303 (6318529)		3.20	0.002
E604304 (6318530)		3.72	0.002
E604305 (6318531)		3.48	0.003
E604306 (6318532)		3.22	0.528
E604307 (6318533)		3.56	0.022
E604308 (6318534)		3.50	0.004
E604309 (6318535)		2.58	0.021
E604310 (6318536)		0.92	0.041
E604311 (6318537)		0.96	0.648
E604312 (6318538)		1.06	0.112
E604313 (6318539)		2.26	0.014
E604314 (6318540)		2.18	0.003
E604315 (6318541)		0.06	0.946
E604316 (6318542)		3.22	0.001
E604317 (6318543)		3.50	0.004
E604318 (6318544)		3.58	0.002
E604319 (6318545)		3.24	0.008
E604320 (6318546)		3.38	0.001
E604321 (6318547)		3.54	0.003
E604322 (6318548)		3.18	0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 15U945321

PROJECT: GARRISON PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Feb 17, 2015      DATE RECEIVED: Feb 13, 2015      DATE REPORTED: Feb 25, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E604323 (6318549)		3.50	0.006
E604324 (6318550)		3.44	0.004
E604325 (6318551)		3.32	0.063
E604326 (6318552)		3.34	0.004
E604327 (6318553)		3.48	0.004
E604328 (6318554)		3.28	0.024
E604329 (6318555)		3.20	0.002
E604330 (6318556)		1.20	<0.001
E604331 (6318557)		3.50	0.004
E604332 (6318558)		3.36	0.011
E604333 (6318559)		3.40	0.207
E604334 (6318560)		2.30	0.069
E604335 (6318561)		2.36	0.057
E604336 (6318562)		2.44	0.689
E604337 (6318563)		1.34	0.048
E604338 (6318564)		2.68	0.108
E604339 (6318565)		1.40	0.016
E604340 (6318566)		2.44	0.118
E604341 (6318567)		3.92	0.005
E604342 (6318568)		4.02	0.007
E604343 (6318569)		4.02	0.002
E604344 (6318570)		3.82	0.002
E604345 (6318571)		3.96	0.013
E604346 (6318572)		0.06	0.977
E604347 (6318573)		4.18	0.005
E604348 (6318574)		2.70	0.003
E604349 (6318575)		2.80	0.002
E604350 (6318576)		2.80	0.012
E604351 (6318577)		4.22	0.002
E604352 (6318578)		4.42	0.002
E604353 (6318579)		4.06	0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 15U945321

PROJECT: GARRISON PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Feb 17, 2015      DATE RECEIVED: Feb 13, 2015      DATE REPORTED: Feb 25, 2015      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E604354 (6318580)		3.66	0.008
E604355 (6318581)		3.72	0.004
E604356 (6318582)		4.38	0.005
E604357 (6318583)		3.50	0.002
E604358 (6318584)		4.40	0.003
E604363 (6318585)		0.86	0.004
E604364 (6318586)		2.74	0.003
E604365 (6318587)		2.82	0.006
E604366 (6318588)		2.64	0.006
E604367 (6318589)		1.48	<0.001
E604368 (6318590)		2.52	0.002
E604369 (6318591)		2.32	0.001
E604370 (6318592)		2.54	0.002
E604371 (6318593)		1.14	0.003
E604372 (6318594)		1.18	0.005
E604373 (6318595)		2.50	0.003
E604374 (6318596)		3.84	0.003
E604375 (6318597)		3.96	0.009
E604376 (6318598)		1.62	0.003
E604377 (6318599)		1.18	0.003
E604378 (6318600)		2.40	0.001
E604379 (6318601)		2.58	0.002
E604380 (6318602)		4.08	0.003
E604381 (6318603)		0.82	0.002
E604382 (6318604)		3.02	0.003
E604383 (6318605)		3.48	0.005
E604384 (6318606)		3.78	0.002
E604385 (6318607)		3.70	0.001
E604407 (6320445)		3.04	0.009

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	E604261	0.003	0.003	0.0%	E604277	0.002	0.002	0.0%	E604293	0.006	0.004		E604311	0.648	0.641	1.1%
	REPLICATE #5				REPLICATE #6				REPLICATE #7							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	E604336	0.689	0.826	18.1%	E604365	0.006	0.007	15.4%	E604407	0.0088	0.0116					



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)				CRM #4 (ref.GSP7J)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.767	106%	90% - 110%	6.09	6.26	103%	90% - 110%	1.44	1.5	104%	90% - 110%	0.722	0.729	101%	90% - 110%
	CRM #5 (ref.GS6D)				CRM #6 (ref.GSP7J)				CRM #7 (ref.1P5K)				CRM #8 (ref.GS6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.09	6.18	102%	90% - 110%	0.722	0.69	96%	90% - 110%	1.44	1.47	102%	90% - 110%	6.09	6.43	106%	90% - 110%



## Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U945321

PROJECT: GARRISON PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



## **Appendix 3**

### **Drill Hole Sections**

