

ST ANDREW GOLDFIELDS LTD.

Assessment Report

Howey-Couchenor Diamond Drilling Program

Holloway Township, Larder Lake Mining Division

Thomas Gallo

2/17/2015

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Introduction

This assessment report summarizes the 2014 drill program on the Howie-Couchenor property, consisting of patented claim L7135 & mining lease L588534, in Holloway Township, Larder Lake Mining Division. A 7 drill hole, 1572m surface diamond drill program was completed on the property. The goal of the program was to follow up on the results of SAS's recent overburden stripping/channel sampling programs on the property and to test for mineralized zones at depth and along strike of the historic Howie-Couchenor occurrence.

Location and Access

The Howie-Couchenor property is located on patented claim L7135 & mining lease L588534, both within the tailings pond network of the Holt Mine Complex. The property is currently covered under the Holt Mine closure plan on file with MNDM. The property is accessed using all weather vehicles by travelling east on Highway 101 from the Town of Matheson for a distance of 56km until reaching the St. Andrew Goldfields Ltd. Holt Mine property. From there, the Holt Mine tailings pond access road leads south for 6km. At this point, a network of drill roads is available for access to the drill sites. Travel time from Matheson to the site is roughly 1 hour. See **Figure 1** for the property's location within the province of Ontario. **Figure 2** shows the property's location in Holloway Township, Larder Lake Mining Division.

Property History

Initially discovered in 1917 and optioned a year later by L.B Howey, M.R Hoey, W.M Couchenor and D Willans, G Young and S.Cragg. A road from the Croesus mine in Munroe Township was cleared to allow access to the site. Several trenches and pits were dug and eventually a 73 foot incline shaft was sunk along the vein which showed considerable free gold. Vein material was assaying as much as 1.9 ounces per ton, although the vein pinches out with depth. This particular property has changed hands numerous times being operated by The American Zinc co. in 1919, Lightning River Gold Mines in 1925, Coin Lake Gold Mines in 1944, who drilled 14 holes in 1945. 1981: Canadian Nickel Co. Ltd. staked a large claim group in the Harker-Holloway Township area and, with Argentex Resources Exploration Corp. Ltd., completed magnetic and electromagnetic surveys over them. 1984: Coin Lake Gold Mines Ltd. was controlled by Wilanour Resources Ltd. which in turn was controlled by Camflo Mines Ltd. (Canadian Mines Handbook 1984-1985). The Canadian Nickel Co. properties were optioned by a joint venture group involving Discovery Mines Ltd. and Lenora Explorations Ltd.; Discovery Mines acted as operator. Discovery Mines/Lenora Explorations completed geophysical surveys, trenching, 18 DDH's (8,305 ft).

1985: Coin Lake Gold Mines was controlled by Wilanour Resources (which was controlled by Barrick Resources Corp.). 1986: Wilanour Resources was controlled by American Barrick Resources Corp.

Local Geology

Bedrock in the area consists of weakly metamorphosed (greenschist or lower metamorphic grade) east northeast striking, steeply south dipping, and south facing volcanic rocks and minor interflow sedimentary rocks of the (Archean) Kinojevis Group (Jensen 1982; Jensen and Langford 1985; Jensen and Baker 1986; Johnstone and Steele 1989; Baker et al. 1982; McClenaghan et al. 1988, 1987; Steele 1988). The volcanic stratigraphy in the area forms a monoclinical south dipping and south facing succession, occupies part of the north limb of the east striking and east plunging Blake River Synclinorium. The occurrence is about 5 km south of the east striking Porcupine-Destor Fault Zone.

Drill Program

Diamond drilling was conducted by Forage Orbit Garant Drilling of Val D'Or, Quebec. A total of 1572m of drilling was completed from February 5 to March 11, 2014. Drill core was picked up by SAS employees at the drill site and brought to the core shack at the Holt Mine site. The core was logged by the author. See **Figure 3** for the Drill Hole Plan and **Appendix 1** for the drill core logs. Sampled core was cut by SAS employee Conor Shea. The Samples were shipped to Laboratoire Expert Inc. The drill program was planned and supervised by John McKenzie & Thomas Gallo.

Analyses of a total of 695 samples were assayed by Laboratoire Expert, in Rouyn-Noranda, Québec. 35 sample standards and 35 blanks were included in these samples. Assay Certificates are included in **Appendix 2**.

CERTIFICATE OF QUALIFICATIONS

I, Thomas Gallo of 707 Gleason Ave, Holtyre, Ontario, do hereby declare:

- I graduated from the University of Western Ontario with a BSc degree in Earth Sciences
- I have been employed full time in the Geoscience industry since graduation
- I have worked exclusively in Gold exploration in the Timmins Camp
- I am a salaried employee of St Andrew Goldfields since July, 2011

Signed:

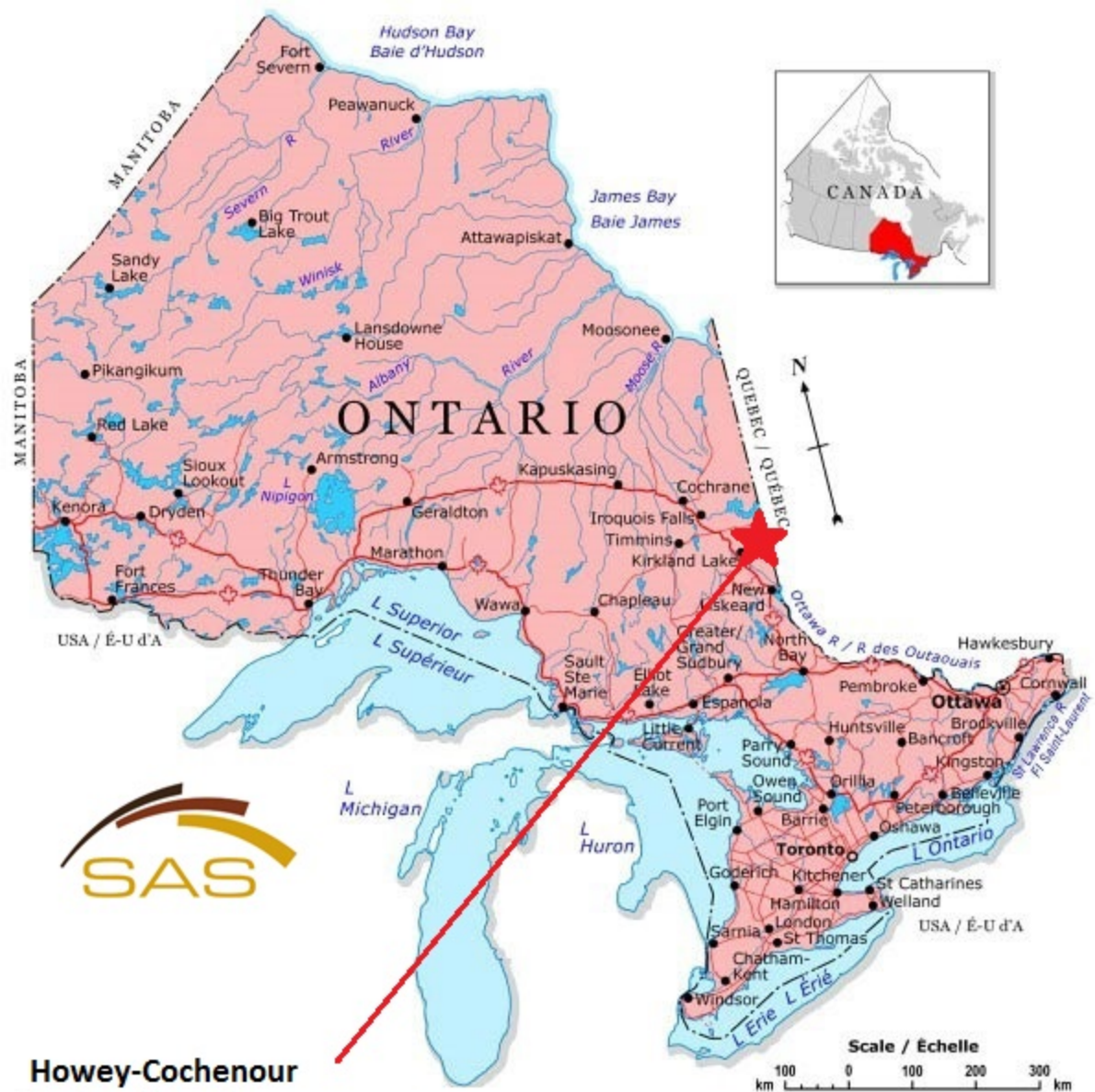
Thomas Gallo, BSc,

A handwritten signature in blue ink, appearing to read 'Thomas Gallo', is written over a light blue circular stamp. The signature is fluid and cursive.

References

Ontario MNDM "Howey-Cochonour Occurrence" D. Guindon, last modified June 13, 2005

<http://www.geologyontario.mndmf.gov.on.ca/gosportal/gos?command=mndmsearchdetails:mdi&uuid=MDI32D05NE00041>



**Howey-Cochenour
Project Location**

Figure 1

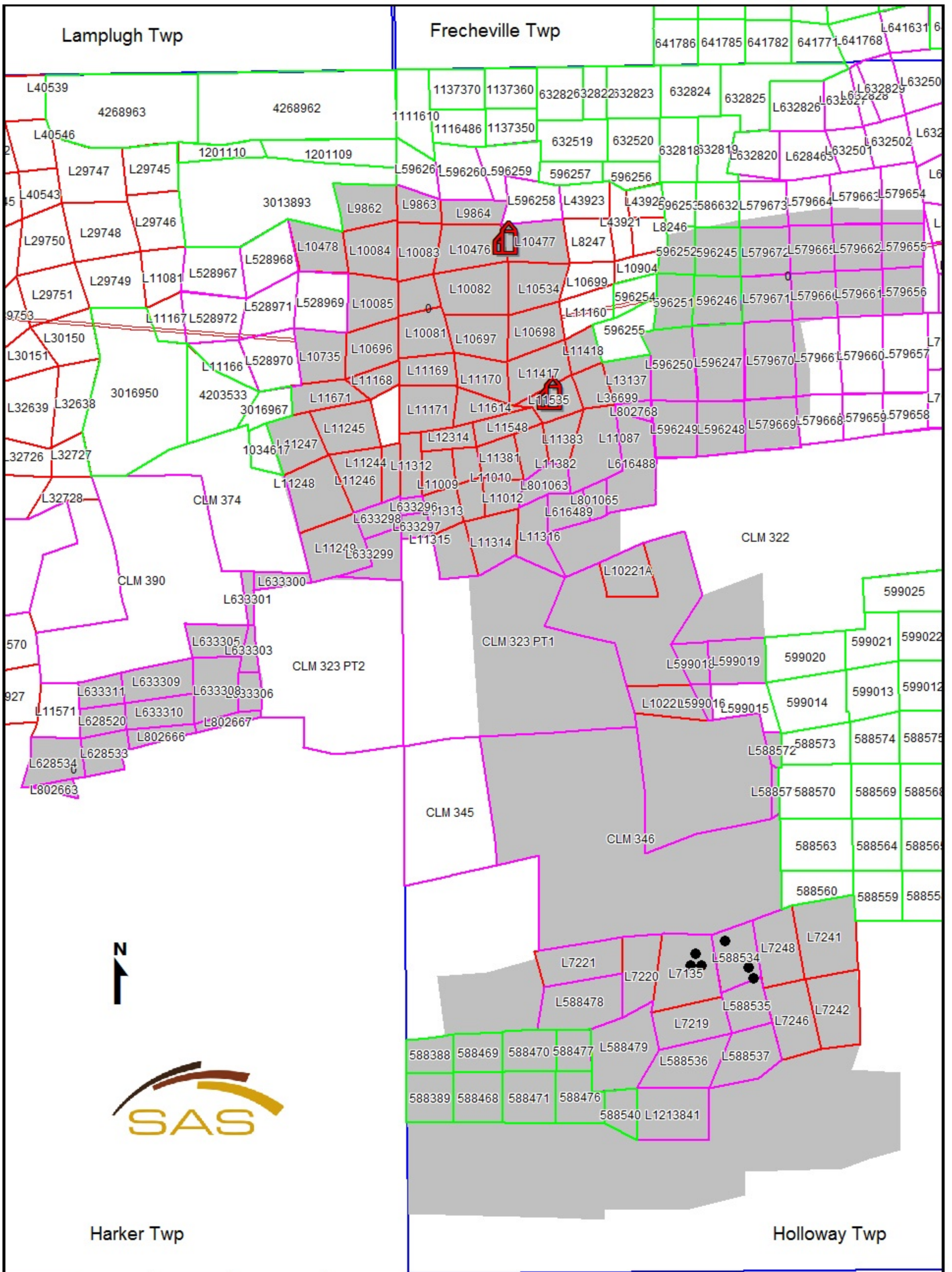


Figure 2

Claim Location Map

SAS Unpatented Claims



SAS Leases



SAS Patents

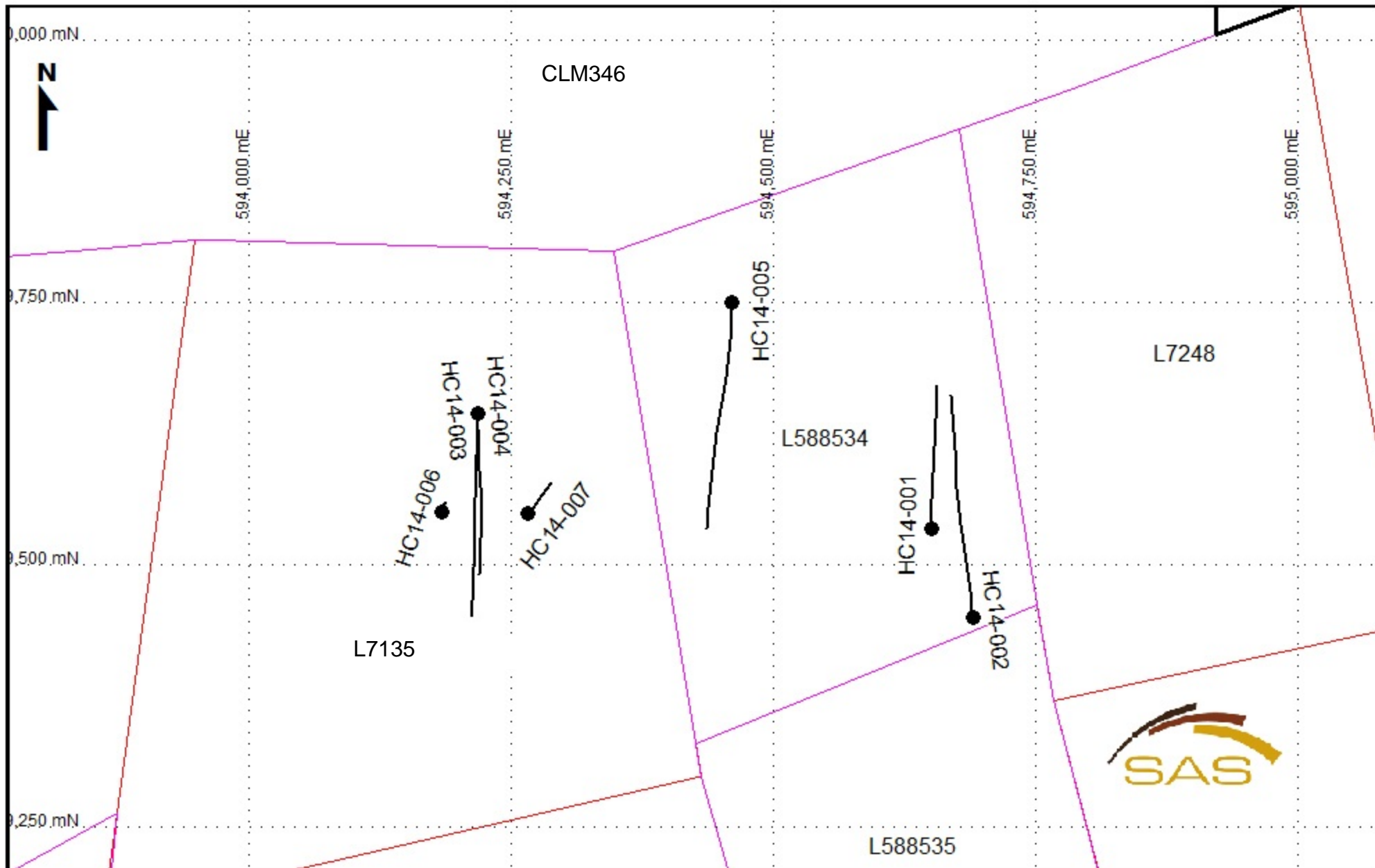


HC14 Collar Locations

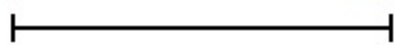


Holloway-Holt Mine Closure Plan





0 250m



1:5,000

UTM Nad 83, Zone 17

Figure 3

HC14 Series Drill Plan

Holloway Township

SAS Patented Claim



SAS Leased Claim



Drill Hole Trace



Appendix 1
Diamond Drill Logs

SUMMARY REPORT

ON

DIAMOND DRILLING

On The Howie-Couchenor Property

IN

Holloway Township

For

ST ANDREW GOLDFIELDS LTD

DETAILED LOG

Hole Number: HC14-001

Units: METRIC

Project Name: HOLT	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -45.00
Project Number: HOLT	North: 5369535.00	North:	Collar Az: 0.00
Location: Holloway Township	East: 594650.00	East:	Length: 193.30
	Elev: 315.00	Elev:	Start Depth: 0.00
Date Started: Feb 05, 2014	Collar Survey: N	Plugged: N	Contractor: Orbit Garant
Date Completed: Feb 08, 2014	Multishot Survey: Y	Hole Size: NQ	Final Depth: 193.30
	Pulse EM Survey: N	Casing: YES	Core Storage: Holt McDermott



Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
30.00	1.00	-45.40	EZ Sho	OK	S. Dufrense	50.00	4.10	-45.50	EZ Sho	OK	S. Dufrense
102.00	2.60	-44.70	EZ Sho	OK	D. Jolin	150.00	2.25	-44.80	EZ Sho	OK	D. Jolin - BAD TEST, USED AVERAGE
193.00	1.90	-44.60	EZ Sho	OK	S. Dufrense						

Detailed Lithology		Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
0.00	5.30	HPO, OVERBURDEN						
5.30	7.00	AHEM, HEMATITE Light purple grey aphanitic to fine grained magnetic altered felsic rock. Unit is probably syentite or rhyolite with moderate pervaisve magnetism. Very silicified with moderate pervasive hematite alteration throughout. Weak patchy carbonate and albite alterations in upper 70cm of unit. 5% overall grey-white quartz and quartz carbonate veining less than 3cm 65-90 degrees to CA. At 6.3m 20cm brecciated white quartz vein with sulphides and host rock included, no distinct angle as core is broken and blocky. Overall 3-5% sulphides in fine grained blebs locally subhedral less than 2cm scale pyrite crystals. Local Chalcopyrite and possible sphalerite and / or galena in mm specs. Lower contact is sharp at 65 degrees to the core axis with wispy carbonate mm scale veining.	D 053701	5.30	6.00	0.70	1.93	
			D 053702	6.00	6.50	0.50	1.05	
			D 053703	6.50	6.80	0.30	0.95	
			D 053704	6.80	7.30	0.50	0.02	
7.00	29.60	VMM, MAFIC VOLCANIC MASSIVE Green, fine- medium grained, weakly to moderately magnetic, massive mafic metavolcanic rock. Weak - moderate pervaisve chlorite alteration with moderate - strong patchy hematite alteration seen on fracture surfaces. Weak patchy sections where possible epidote alteration present weakly over 10cm or less; appearing to be associated with small veinlets. Overall less than 1% veining, white - grey, locally green or pink quartz carbonate veining generally less than 1cm wispy and variable to core axis. Less than 15 patchy fine grained blebby pyrite crystals throughout. Lower contact is sharp at 70 degrees to core axis at a chilled margin 1cm thick.	D 053706	29.10	29.60	0.50	0.02	

Hole Number: HC14-001

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
29.60	31.30	VMH, MAFIC VOLCANIC HYALOCLASTITE Green non magnetic hyaloclastic breccia within a mafic host. Fragments are up to 5cm but generally less than 2cm. Moderate pervasive chlorite alteration. From 30.7-31.0m there is a massive flow, rock is aphanitic with no sign of brecciation. Very limited (maybe 1 or 2) mm scale wispy stringers, grey. Less than 1% sulphides overall in fine grained to medium grained blebs. In aforementioned massive section mm scale pyrite stringer vein from 80 - 65 degrees to CA. Lower contact is gradational over 10-20 cm as alteration changes.	D 053707	29.60	30.50	0.90	0.02	
			D 053708	30.50	31.30	0.80	0.02	
31.30	39.00	AHEM, HEMATITE As previous hyaloclastic unit from 29.6-31.3m however this unit is much more strongly silicified and includes moderate to strong pervasive hematite alteration. Unit is purple in colour with brecciated fragments generally less than 3cm in scale. Local possible altered grey varioles less than 2cm in scale. Unit appears to contain at least two separate vein sets, one of which contains grey to orange veins of possible carbonate or hematite with mostly quartz. These veins make up roughly 1-2% of the core and are less than 2cm in scale oriented between 65 and 90 degrees to core axis. Another vein set consists of low angle (10-40 degrees to core axis) carbonate with quartz veining. Veins are light pink to off white. Core is usually broken along these veins. Overall, 3-4% fine grained disseminated to medium grained locally blebby sulphides, generally pyrite. Local specular hematite is visible with possible sphalerite and or galena locally. Lower contact is gradational over 10cm as alteration fades. MINOR INTERVALS: Minor Interval: 31.30 - 39.00 OOO, Replace NULL UNIT_TWO Unit is highly hematite and silica altered hyaloclastic breccia with fragments ~3cm in size, anular.	D 053709	31.30	31.90	0.60	0.04	
			D 053710	31.90	32.60	0.70	0.06	
			D 053711	32.60	33.60	1.00	0.08	
			D 053712	33.60	34.50	0.90	0.24	
			D 053713	34.50	36.00	1.50	0.19	
			D 053714	36.00	37.50	1.50	0.06	
			D 053716	37.50	39.00	1.50	0.02	
39.00	42.60	VMV, MAFIC VOLCANIC VARIOLITIC Light to dark green variolitic mafic metavolcanics. Varioles are grey and mm to 2cm in scale. Towards the end of the unit the varioles appear to gently fade out and are larger, up to 6 or 7cm. Weak patchy chlorite and silica alterations. 1% white to off white carbonate quartz veins ~45 degrees to core axis and patchy. 1-2% fine - coarse grained sulphide blebs locally disseminated along vein margins. Lower contact is gradational over 40cm as varioles fade. At 39.7m oxidized, broken core, possible fault along vein.	D 053717	39.00	39.70	0.70	0.02	
			D 053718	39.70	40.20	0.50	0.02	
			D 053719	40.20	41.30	1.10	0.02	
42.60	54.60	VMM, MAFIC VOLCANIC MASSIVE Dark green strongly magnetic massive mafic metavolcanic. Unit is aphanitic with moderate to strong pervasive chlorite alteration and strong patchy hematite alteration seen on fracture surfaces. 2% white-grey quartz - carbonate stringers, wispy and variable to core axis. 1-2% fine - coarse grained sulphides, generally pyrite in blebs or sub-hedral crystal form. Lower contact is sharp at almost 90 degrees to core axis.						

Hole Number: HC14-001

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
54.60	97.40	VGO, GABBRO Light green weakly magnetic mafic metavolcanic, most likely gabbro. Weak - moderate patchy chlorite with patchy weak sericite or epidote (light green / tan) in bands up to 10cm across and variable to core axis. Weak - moderate patchy leucoxene alterations and moderate to strong hematite on fracture surfaces. 2% overall cm scale carbonate veins with quartz and possibly hematite. Veins are cm scale and variable to core axis, grey- pink-white in colour. Local vuggy texture. Few sulphides associated with veining, locally 2-3% over 10cm surrounding veining, overall less than one percent. Sulphides are fine grained and blebby. Lower contact is sharp at 75 degrees to core axis. At 61.4m: Small 10-20cm vein breccia with 3-4% fine grained disseminated sulphides From ~73-74m: altered increased area of veining, associated albite and up to 5% fine grained blebby sulphides. From ~79.5m: cm scale grey phenocrysts, widely spaced but locally clustered. Most likely feldspar, deformed. From 96-97.4m: Moderate to strong epidote alteration.	D 053720	60.90	61.40	0.50	0.02	
			D 053721	61.40	61.90	0.50	0.96	
			D 053722	70.60	71.10	0.50	0.02	
			D 053723	71.10	71.60	0.50	0.02	
			D 053724	71.60	72.10	0.50	0.02	
			D 053726	72.10	73.00	0.90	0.05	
			D 053727	73.00	73.50	0.50	0.83	
			D 053728	73.50	74.00	0.50	0.14	
			D 053729	74.00	74.60	0.60	0.02	
97.40	104.00	VMM, MAFIC VOLCANIC MASSIVE Grey, green aphanitic to fine grained massive mafic metavolcanic unit. Unit is strongly magnetic until 99.7m and then weakly magnetic in patches for the duration. Weak patchy epidote alteration associated with stringers and wispy veinlets. Weak to moderate patchy chlorite alteration throughout. Few stringer veins less than 1cm, green to grey with patchy grey purple sections less than 1% overall, carbonate with patchy weak epidote and possibly hematite alteration associated, variable to core axis. 1-2% sulphides overall generally medium to coarse grained, blebby locally subhedral crystals of pyrite visible, locally clustered. Lower contact is sharp at a chilled margin at 60-65 degrees to core axis. At 101.2m: flow feature or possible small pillow selvege 2cm wide and 6 cm in length infilled with mostly carbonate, white with 3% disseminated sulphides along margin.	D 053730	103.50	104.00	0.50	0.03	
104.00	109.60	IMO, MAFIC INTUSIVE Dark purple aphanitic to fine grained, massive, non magnetic intrusive unit, mostly likely mafic or intermediate in composition. Unit is locally silicified with many micro fractures and stringers, mm in scale. Moderate patchy silica and hematite alterations. Infrequent mm- 1cm scale quartz eyelets or quartz infill of possible phenocrysts, deformed. Less than 1% mm scale quartz stringers variable to core axis, grey to off white. 2-3% very fine grained blebby sulphides to local clusters of coarse grained pyrite, 5-10 percent over 10-20cm localized sections of core. Lower contact appears to be gradational into syenite unit as no sharp contact can be found, 10cm transition.	D 053731	104.00	105.00	1.00	0.03	
			D 053732	105.00	106.50	1.50	0.72	
			D 053733	106.50	108.00	1.50	0.02	
			D 053734	108.00	109.10	1.10	0.03	
			D 053736	109.10	110.40	1.30	0.02	

Hole Number: HC14-001

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
109.60	117.20	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE Purple to red fine grained non magnetic highly silicified felsic unit most likely rhyolite or syenite. Weakly foliated in places 45-55 degrees to core axis. Visible mm scale black grains patchy throughout. Colour changes quite randomly with some sections dark purple and other bright brick red. Core is blocky in places. Local weak brecciation evident with sub angular fragments up to 2-3cm in scale. Moderate pervasive hematite, patchy silica alterations, core is very weakly chloritized in places. Very few grey quartz with minor carbonate stringers variable to core axis. 2-3% very fine grained to medium / coarse grained sulphides, locally disseminated but generally in blebs. Locally, sulphides follow discontinuous mm stringers along weak foliations; 45-55 degrees to core axis. Local sphalerite and or galena (possibly molybdenum?) from ~114m to lower contact, 2%. Lower contact is sharp at 65 degrees to core axis.	D 053737	110.40	111.40	1.00	0.64	
			D 053738	111.40	112.90	1.50	0.04	
			D 053739	112.90	114.20	1.30	0.02	
			D 053740	114.20	115.40	1.20	0.02	
			D 053741	115.40	116.40	1.00	0.02	
			D 053742	116.40	117.20	0.80	0.02	
117.20	128.10	VFX, Felsic Breccia Purple, smokey grey locally red brecciated syenite or rhyolite, non magnetic. Unit is highly silicified. Localized brecciated fragments up to 3cm subangular. Moderate pervasive hematite, moderate pervasive silica and weak patchy albite alterations. Multiple sections of core broken / fractured along relatively low angle to the core axis, from 0 - 40 degrees, generally less than 30 degrees; carbonate alterations generally seen along slips. 2% wispy mm to locally 2cm scale veinlets / quartz carbonate with patchy albite stringers. Veining is grey and variable to core axis, locally discontinuous or brecciated. Sulphide replacement in some of the stringers, apparent specular hematite with possible sphalerite or galena. 5% overall sulphides. Very fine grained disseminated pyrite along with medium grained pyrite and chalcopyrite blebs. Lower contact is sharp at 80 degrees to core axis. At 126.7m: ~70cm of 100% silicified rock. Possible quartz vein, highly altered and brecciated with red fragments, possibly from host rock or hematite alteration.	D 053743	117.20	118.30	1.10	0.02	
			D 053744	118.30	119.50	1.20	0.03	
			D 053746	119.50	120.90	1.40	0.02	
			D 053747	120.90	122.10	1.20	0.03	
			D 053748	122.10	123.00	0.90	0.05	
			D 053749	123.00	124.10	1.10	3.51	
			D 053750	124.10	125.20	1.10	1.27	
			D 053751	125.20	126.70	1.50	0.26	
			D 053752	126.70	127.50	0.80	0.49	
			D 053753	127.50	128.10	0.60	0.13	
128.10	134.50	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previous syenite / rhyolite ISO unit from 109.6-117.2m. Core is displaying many low angle breaks / fractures between 0 and 40 degrees to the core axis. Generally pink - red to purple, unit is non magnetic and silicified. Moderate pervasive hematite and silica alterations. Local carbonate alterations. 2-3% progressively more concentrated off white to pink -grey carbonate veins with quartz. Veins are patchy at the top of the unit. Veins are mm-cm scale, locally wispy and locally brecciated and variable to core axis although generally 50-90 degrees. Local oxidized carbonate film / thin layer along slip surfaces and exposed fractures. 1-2% overall fine grained disseminated to medium grained blebby sulphides, locally up to 5% as described. Patchy subhedral pyrite crystals up to 2cm in size. Patchy specular hematite, less than 1%. Lower contact is variable. 129.3m: small, 2-3cm fault gouge 50 degrees to core axis	D 053754	128.10	129.30	1.20	0.10	
			D 053756	129.30	130.10	0.80	0.08	
			D 053757	130.10	131.00	0.90	0.10	
			D 053758	131.00	132.00	1.00	0.10	
			D 053759	132.00	133.50	1.50	0.02	
			D 053760	133.50	134.70	1.20	0.06	

Hole Number: HC14-001

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
134.50	140.80	VFX, Felsic Breccia Patchy brecciated section as previous brecciated felsic unit, ISX from 117.2-128.1m. Increased sulphide content over massive, non brecciated felsic units surrounding. Veins are mm-cm scale, locally wispy and locally brecciated and variable to core axis although generally 50-90 degrees. Local oxidized carbonate film / thin layer along slip surfaces and exposed fractures. 3-4% overall fine grained disseminated to medium grained blebby sulphides, locally up to 5-7% as described. Patchy subhedral pyrite crystals up to 2cm in size. Patchy specular hematite, with galena or spahlerite up to 2-3% over 10cm.	D 053761	134.70	135.90	1.20	0.12	
			D 053762	135.90	136.60	0.70	0.31	
			D 053763	136.60	138.00	1.40	0.30	
			D 053764	138.00	139.50	1.50	0.08	
			D 053766	139.50	140.20	0.70	1.27	
			D 053767	140.20	140.80	0.60	0.03	
140.80	144.90	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previous syenite / rhyolite ISO unit from 109.6-117.2m. Core is displaying many low angle breaks / fractures between 0 and 40 degrees to the core axis. Generally pink - red to purple, unit is non magnetic and silicified. Moderate pervasive hematite and silica alterations. Local carbonate alterations. 2-3% progressively more concentrated off white to pink -grey carbonate veins with quartz. Veins are patchy at the top of the unit. Veins are mm-cm scale, locally wispy and locally brecciated and variable to core axis although generally 50-90 degrees. Local oxidized carbonate film / thin layer along slip surfaces and exposed fractures. 1-2% overall fine grained disseminated to medium grained blebby sulphides, locally up to 5% as described. Patchy subhedral pyrite crystals up to 2cm in size. Patchy specular hematite, less than 1%. Lower contact is sharp at 85 degrees to core axis with apparent mafic dike.	D 053768	140.80	142.00	1.20	0.05	
			D 053769	142.00	143.00	1.00	11.80	
			D 053770	143.00	144.00	1.00	0.22	
			D 053771	144.00	144.90	0.90	0.19	
144.90	145.50	IMO, MAFIC INTUSIVE Dark green weakly magnetic fine grained mafic intrusive. Moderate to strong chlorite alteration with patchy hematite sections from surrounding altered felsic units. No veining. Less than 1% very fine grained disseminated sulphides. Lower contact is sharp at 65 degrees to core axis.	D 053772	144.90	145.50	0.60	0.03	
145.50	151.50	ZFZ, FAULT ZONE Mix of mafic and felsic units as previously described centered around a large 20-30cm fault gouge at 147.1m. Unit contains silicified pieces of rhyolite / syenite as well as dark green non magnetic mafic metavolcanic sections intercalated. Patchy grey wispy stringers quartz carbonate, less than 1% overall, mm scale and variable to core axis. Up to 3 percent medium grained sulphides, locally disseminated. Lower contact is sharp at a brecciated margin at ~70 degrees to core axis. At 147.1m: Large fault gouge with broken core. Over 30cm locally gritty clay grey gouge.	D 053773	145.50	147.00	1.50	0.04	
			D 053774	147.00	148.50	1.50	0.38	
			D 053776	148.50	150.00	1.50	0.02	
			D 053777	150.00	151.50	1.50	0.02	

Hole Number: HC14-001

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
151.50	163.40	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE Grey-pruple - ren/ pink rhyolite / syentite, ISO as described previously. Several low angle fractures, less than 40 degrees to core axis, however less than in previous units up the hole. Unit contains many dark grey blebs and localized infilled fractures, less than 1cm in size. Two mafic dykes, IMO from 152.4-153.1 and 154.5-155.7m. Dark grey - dark green and purple, non magnetic with no real veining and 3% fine grained sulphides, blebby. Overall, unit is weakly silicified and locally brecciated. Moderate patchy pervasive hematite exists. Less than 1% overall veining, wispy grey quartz stringers. Overall less than 1% disseminated sulphides. Lower contact is sharp at a large vein / silicified breccia. MINOR INTERVALS: Minor Interval: 152.40 - 153.10 OOO, Replace NULL UNIT_TWO ark grey - dark green and purple, non magnetic with no real veining and 3% fine grained sulphides, blebby. Minor Interval: 154.50 - 155.70 OOO, Replace NULL UNIT_TWO ark grey - dark green and purple, non magnetic with no real veining and 3% fine grained sulphides, blebby.	D 053778	151.50	152.40	0.90	0.04	
			D 053779	152.40	153.10	0.70	1.77	
			D 053780	153.10	154.50	1.40	0.02	
			D 053781	154.50	155.70	1.20	0.11	
			D 053782	155.70	156.50	0.80	0.02	
			D 053783	156.50	157.20	0.70	0.02	
			D 053784	157.20	157.70	0.50	0.02	
			D 053786	157.70	158.60	0.90	0.29	
			D 053787	158.60	159.10	0.50	0.05	
			D 053788	159.10	159.60	0.50	0.02	
			D 053789	159.60	160.70	1.10	0.02	
			D 053790	160.70	161.20	0.50	0.02	
			D 053791	161.20	162.00	0.80	0.11	
			D 053792	162.00	163.40	1.40	0.31	
163.40	163.90	QBX, QUARTZ BRECCIA White- grey - tan - pink silicified section / silica flooded, possible quartz vein breccia. Fragments are of host rock from both lithologies surround breccia, angular - sub angular and mm-cm scale. Unit is non magnetic. 100% silicified. Few fine grained sulphides. Lower contact is jagged along tectonic breccia.	D 053793	163.40	164.30	0.90	0.02	
163.90	164.30	ZBX, FAULT BRECCIA Green - patchy purple red sections fault breccia. Fragments are mostly from overlying felsic material with a mafic matrix. Fragments are sub rounded - angular and range from 1cm to 5cm. No significant veining or sulphides. Fault gouge at 40 degrees to core axis, 3cm with weak and broken, core held together but more gouge throughout unit. Lower contact is sharp at fault gouge at 45 degree to core axis.						
164.30	183.20	VMP, VOLCANIC MASSIVE PILLOWED Green, pillowed mafic metavolcanic. Unit is aphanitic, with altered pillow selvages variable to core axis from 2cm to 10cm. Some pillows are localled infilled with carbonate material. Unit is non magnetic as a whole with very strongly magnetic sections. Moderate pervasive chlorite, weak patchy epidote and or sericite alterations, patchy carbonate / albite infill. Patchy mm - 3cm scale amygdules sometimes altered with carbonate - albite sometimes infilled with sulphides. Less than 1% white to grey carbonate quartz stringers, mm scale. 1% fine grained blebby sulphides. Lower contact is gradational over 2m as pillows fade into massive flow.	D 053794	164.30	164.80	0.50	0.02	
			D 053796	164.80	165.30	0.50	0.02	
			D 053797	165.30	165.80	0.50	0.06	
183.20	193.29	VMM, MAFIC VOLCANIC MASSIVE Green - dark grey massive fine grained mafic metavolcanic unit. Moderate pervasive chlorite alterations. Less than 1% veining, wispy stringers and less than 1% sulphides. EOH						
193.29	193.30	EOH, END OF HOLE						

Hole Number: HC14-001

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053701	5.30	6.00	1.9250	
D 053702	6.00	6.50	1.0500	
D 053703	6.50	6.80	0.9500	
D 053704	6.80	7.30	0.0150	
D 053706	29.10	29.60	0.0150	
D 053707	29.60	30.50	0.0150	
D 053708	30.50	31.30	0.0150	
D 053709	31.30	31.90	0.0400	
D 053710	31.90	32.60	0.0600	
D 053711	32.60	33.60	0.0800	
D 053712	33.60	34.50	0.2400	
D 053713	34.50	36.00	0.1850	
D 053714	36.00	37.50	0.0600	
D 053716	37.50	39.00	0.0150	
D 053717	39.00	39.70	0.0150	
D 053718	39.70	40.20	0.0150	
D 053719	40.20	41.30	0.0150	
D 053720	60.90	61.40	0.0150	
D 053721	61.40	61.90	0.9600	
D 053722	70.60	71.10	0.0150	
D 053723	71.10	71.60	0.0150	
D 053724	71.60	72.10	0.0150	
D 053726	72.10	73.00	0.0500	
D 053727	73.00	73.50	0.8300	
D 053728	73.50	74.00	0.1400	
D 053729	74.00	74.60	0.0150	
D 053730	103.50	104.00	0.0300	
D 053731	104.00	105.00	0.0300	
D 053732	105.00	106.50	0.7200	
D 053733	106.50	108.00	0.0150	
D 053734	108.00	109.10	0.0300	
D 053736	109.10	110.40	0.0150	
D 053737	110.40	111.40	0.6400	
D 053738	111.40	112.90	0.0400	
D 053739	112.90	114.20	0.0150	
D 053740	114.20	115.40	0.0150	
D 053741	115.40	116.40	0.0150	
D 053742	116.40	117.20	0.0150	
D 053743	117.20	118.30	0.0150	

Hole Number: HC14-001

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053744	118.30	119.50	0.0300	
D 053746	119.50	120.90	0.0150	
D 053747	120.90	122.10	0.0300	
D 053748	122.10	123.00	0.0500	
D 053749	123.00	124.10	3.5100	
D 053750	124.10	125.20	1.2700	
D 053751	125.20	126.70	0.2600	
D 053752	126.70	127.50	0.4900	
D 053753	127.50	128.10	0.1300	
D 053754	128.10	129.30	0.1000	
D 053756	129.30	130.10	0.0800	
D 053757	130.10	131.00	0.1000	
D 053758	131.00	132.00	0.1000	
D 053759	132.00	133.50	0.0150	
D 053760	133.50	134.70	0.0600	
D 053761	134.70	135.90	0.1150	
D 053762	135.90	136.60	0.3100	
D 053763	136.60	138.00	0.3000	
D 053764	138.00	139.50	0.0800	
D 053766	139.50	140.20	1.2700	
D 053767	140.20	140.80	0.0300	
D 053768	140.80	142.00	0.0500	
D 053769	142.00	143.00	11.7950	
D 053770	143.00	144.00	0.2200	
D 053771	144.00	144.90	0.1900	
D 053772	144.90	145.50	0.0300	
D 053773	145.50	147.00	0.0350	
D 053774	147.00	148.50	0.3800	
D 053776	148.50	150.00	0.0150	
D 053777	150.00	151.50	0.0150	
D 053778	151.50	152.40	0.0400	
D 053779	152.40	153.10	1.7700	
D 053780	153.10	154.50	0.0150	
D 053781	154.50	155.70	0.1100	
D 053782	155.70	156.50	0.0150	
D 053783	156.50	157.20	0.0150	
D 053784	157.20	157.70	0.0150	
D 053786	157.70	158.60	0.2900	
D 053787	158.60	159.10	0.0500	

Hole Number: HC14-001

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053788	159.10	159.60	0.0150	
D 053789	159.60	160.70	0.0150	
D 053790	160.70	161.20	0.0150	
D 053791	161.20	162.00	0.1100	
D 053792	162.00	163.40	0.3100	
D 053793	163.40	164.30	0.0150	
D 053794	164.30	164.80	0.0150	
D 053796	164.80	165.30	0.0150	
D 053797	165.30	165.80	0.0550	

DETAILED LOG

Hole Number: HC14-002

Units: METRIC

Project Name: HOLT	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -45.00
Project Number: HOLT	North: 5369450.00	North:	Collar Az: 355.00
Location: Holloway Township	East: 594690.00	East:	Length: 300.00
	Elev: 315.00	Elev:	Start Depth: 0.00
Date Started: Feb 08, 2014	Collar Survey: N	Plugged: N	Contractor: Orbit Garant
Date Completed: Feb 12, 2014	Multishot Survey: Y	Hole Size: NQ	Final Depth: 300.00
	Pulse EM Survey: N	Casing: YES	Core Storage: Holt McDermott

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
21.00	354.10	-45.30	EZ Sho	OK		51.00	352.10	-44.70	EZ Sho	OK	
102.00	351.70	-44.50	EZ Sho	OK	S. Dufrense	150.00	352.70	-44.60	EZ Sho	OK	
201.00	358.80	-44.40	EZ Sho	OK	S. Dufrense	252.00	354.90	-44.50	EZ Sho	OK	S. Dufrense
300.00	356.20	-44.30	EZ Sho	OK	S. Dufrense						

Detailed Lithology		Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
0.00	4.20	HPO, OVERBURDEN						
4.20	27.00	VMP, VOLCANIC MASSIVE PILLOWED Light to medium green aphanitic pillowed mafic metavolcanic rock with moderate patchy magnetism. Pillow selveges are up to 10cm and variable to core axis, locally altered with albite or carbonate or epidote or combination. Unit contains many amygdules mm to 3cm scale, subrounded and altered / infilled with either chlorite, albite/carbonate or sulphide replacement. Moderate pervasive chlorite alteration throughout with patchy albite, epidote and carbonate alterations. 1% mm wispy grey carbonate quartz stringers variable to core axis. 1% sulphides, usually found as replacement of amygdules, local fine to medium grained blebs. Lower contact is gradational over 1m into massive flow.						
27.00	39.90	VMM, MAFIC VOLCANIC MASSIVE Green, highly magnetic bassalt. Aphanitic to fine grained with patchy mm scale black blebs, possible phenocrysts or highly altered amygdules. Moderate pervasive chlorite, weak patchy carbonate alteration. 1-2% white to grey carbonate quartz veins generally 60 to 90 degrees to core axis, also mm scale wispy grey stringers, locally discontinuous and variable to core axis. 1% fine to medium grained blebby sulphides. Lower contact is sharp at 70 degrees to core axis.						

Hole Number: HC14-002

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
39.90	48.30	VMX, MAFIC BRECCIA Green, aphanitic to fine grained, moderately patchy magneitic mafic flow breccia. Fragments are sub rounded to angular and are mm to over 10cm in size. Fragments of pillow selveges variable to core axis 10cm. Moderate patchy hematite, moderate pervasive chlorite alterations. Patchy custers of mm scale amygdules grey with carbonate infill. Local cm scale carbonate / ablite filled altered deformed phenocrysts typicall seen in gabbro units in the area. Less than one percent less than 2cm scale grey wispy carbonate quartz veinlets, 45-65 degrees to core axis. Less than 1% fine grained blebby sulphides. Lower contact somewhat gradational as it only appears to be a difference in alteration but is given at a 1cm quartz vein, 45 degrees to core axis as described. At: 43.2 and 46.3: Small, vuggy quartz carbonate veins, oxidized, 2cm wide 25-30 degrees to core axis.	D 053798	42.70	43.20	0.50	0.02	
			D 053799	43.20	43.70	0.50	0.02	
			D 053800	43.70	45.20	1.50	0.02	
			D 053801	45.20	45.80	0.60	0.02	
			D 053802	45.80	46.30	0.50	0.02	
			D 053803	46.30	46.80	0.50	0.02	
			D 053804	46.80	47.30	0.50	0.02	
			D 053806	47.30	47.80	0.50	0.02	
			D 053807	47.80	48.30	0.50	0.02	
48.30	53.90	AHEM, HEMATITE Pink - tan - green - purple highly altered brecciated volcanic rock. Unit is non magnetic and shows similar textural features of the flow breccia, VMX mentioned previously. Angular to subangular fragments mm to 5+cm in scale with some pillow selveges apparently well formed up to 10cm, highly hematite altered. Throughout moderate patchy hemaitie, albite and weak patchy sericite alterations, possbile weak carbonate alteration as well. 2-3% white - pink to grey quartz and quartz carbonate veins cm scale and 55-80 degrees to core axis, none appear larger than 5cm less one vein at 51.9m (see below). 2-3% fine grained disseminated to blebby sulphides locally in clusters and up to 5% over small, less than 20cm intervals. Lower contact is sharp at -70 degrees to core axis along an undulating margin. At 51.9m: 20cm, white quartz vein. 1% chalcopryrite associated.	D 053808	48.30	48.80	0.50	1.93	
			D 053809	48.80	49.70	0.90	0.08	
			D 053810	49.70	50.20	0.50	0.04	
			D 053811	50.20	51.00	0.80	0.15	
			D 053812	51.00	51.50	0.50	0.07	
			D 053813	51.50	52.00	0.50	0.95	
			D 053814	52.00	52.50	0.50	0.27	
			D 053816	52.50	53.90	1.40	0.47	
53.90	58.30	VMX, MAFIC BRECCIA Green relatively non magnetic flow breccia as previously described however with smaller fragments and small amygdules found in concentrations throughout the unit, light grey green and mm scale. Fragments are up to 3 or 4cm and angular to sub angular. Moderate pervasive chlorite alteration, weak patchy carbonate and hematite alterations. Less than 1% veining, brecciated fragments, white to grey. 5-10% sulphides massive, locally finely disseminated and fine grained blebs. Lower contact is sharp at an altered pillow selvage at 40 degrees to core axis.	D 053817	53.90	54.50	0.60	0.05	
			D 053818	54.50	55.50	1.00	0.03	
			D 053819	55.50	57.00	1.50	0.02	
			D 053820	57.00	58.30	1.30	0.02	
58.30	99.00	VMM, MAFIC VOLCANIC MASSIVE Dark green moderately magnetic aphanitic to fine grained mafic metavolcanic. Unit contains many mm - 3cm scale black - grey amygdules locally infilled with pyrite, chlorite, albite, carbonate or a combination. Moderate to strong pervasive chlorite, moderate patchy magnetite alterations. Unit also contains weak epidote alterations, sometimes associated with veining. Less than 1% usually less than 1cm green to white/grey quartz carbonate veinlets generally from 60 to 90 degrees to core axis but discontinuous stringers are variable. 1% sulphide replacement in amygdules. Local mm scale pyrite blebs. Lower contact is sharp at 80 degrees to core axis.	D 053821	58.30	58.80	0.50	0.02	
			D 053822	97.70	98.20	0.50	0.02	
			D 053823	98.20	99.00	0.80	0.08	

Hole Number: HC14-002

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
99.00	102.10	AHEM, HEMATITE Purple to grey aphanitic altered mafic volcanic. Unit is moderately magnetitic, patchy throughout. Moderate pervasive chlorite moderate patchy hematite. 2-3% white to grey quartz carbonate veins 2-4cm and 80 to 90 degrees to core axis. At 101.6m 20cm silicified section with increased sulphides. Overall 4-5% fine to medium grained disseminated to blebby sulphides. Lower contact is sharp at 85 degrees to core axis.	D 053824	99.00	99.50	0.50	0.02	
			D 053826	99.50	100.00	0.50	0.07	
			D 053827	100.00	100.50	0.50	0.17	
			D 053828	100.50	101.00	0.50	1.76	
			D 053829	101.00	101.50	0.50	0.02	
102.10	147.70	VMM, MAFIC VOLCANIC MASSIVE As previously described massive mafic metavolcanic unit, VMM from 58.3-99. Local blocky core. Patchy hematite on fracture surfaces beyond 130m At 107.2m: section of increased sulphides and alteration. At 130m: approximately 1.1m of broken, blocky core with localized oxidization along some margins. Possible fault zone.	D 053830	106.70	107.20	0.50	0.02	
			D 053831	107.20	107.70	0.50	0.02	
			D 053832	107.70	108.20	0.50	0.02	
			D 053833	129.50	130.00	0.50	0.02	
			D 053834	130.00	130.60	0.60	0.02	
			D 053836	130.60	132.00	1.40	0.02	
			D 053837	147.20	147.70	0.50	0.02	
147.70	151.30	AHEM, HEMATITE Pink to grey to green altered hyaloclastic breccia. Fragments are mm - 7cm in scale. Host rock appears to be non or weakly magnetic whereas fragments are extremely magnetic. Some dark fragments, larger in size >4cm are highly magnetic. Especially from the upper contact to ~151.3m moderate to strong patchy hematite and albite alteration. Throughout moderate patchy chlorite, moderate patchy magnetite alterations. Few veins, one white - rusted orange quartz carbonate vein, 5cm 50 degrees to core axis at 145.3m and one small vein, 2cm, pink to white quartz carbonate at 153.8m 70 degrees to core axis with 20% sulphides associated. From upper contact to 151.3m 3% overall fine grained disseminated to medium grained blebby sulphides. Beyond, 3-4% clustered fine grained sulphides, pyrite associated with veining as mentioned, 20%, blebby throughout. Lower contact is variable.	D 053838	147.70	148.60	0.90	1.19	
			D 053839	148.60	149.10	0.50	0.05	
			D 053840	149.10	149.70	0.60	0.03	
			D 053841	149.70	150.90	1.20	0.02	
			D 053842	150.90	151.40	0.50	0.02	
151.30	158.50	VMH, MAFIC VOLCANIC HYALOCLASTITE Pink to grey to green altered hyaloclastic breccia. Fragments are mm - 7cm in scale. Host rock appears to be non or weakly magnetic whereas fragments are extremely magnetic. Some dark fragments, larger in size >4cm are highly magnetic. Especially from the upper contact to ~151.3m moderate to strong patchy hematite and albite alteration. Throughout moderate patchy chlorite, moderate patchy magnetite alterations. Few veins, one white - rusted orange quartz carbonate vein, 5cm 50 degrees to core axis at 145.3m and one small vein, 2cm, pink to white quartz carbonate at 153.8m 70 degrees to core axis with 20% sulphides associated. From upper contact to 151.3m 3% overall fine grained disseminated to medium grained blebby sulphides. Beyond, 3-4% clustered fine grained sulphides, pyrite associated with veining as mentioned, 20%, blebby throughout. Lower contact is variable.	D 053843	151.40	152.30	0.90	0.03	
			D 053844	152.30	153.70	1.40	0.05	
			D 053846	153.70	154.60	0.90	0.02	
			D 053847	154.60	156.00	1.40	0.02	
			D 053848	156.00	156.80	0.80	0.02	
			D 053849	156.80	157.30	0.50	3.73	
			D 053850	157.30	158.00	0.70	0.02	
			D 053851	158.00	158.50	0.50	0.06	
158.50	162.00	VMM, MAFIC VOLCANIC MASSIVE Dark grey green massive aphanitic weakly silicified basalt. Unit is non magnetic and shows very little texture. Moderate pervasive chlorite, weak patchy silica. Few mm to 1cm scale smokey grey quartz carbonate plus or minus albite stringers variable to core axis. Localized pyrite fine to medium grained blebby less than 1%. Lower contact is sharp at 90 degrees to core axis.	D 053852	158.50	159.00	0.50	0.02	

Hole Number: HC14-002

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
162.00	196.50	VGO, GABBRO Green medium to coarse grained mafic intrusive. Unit is non magnetic with a high concentration of phenocrysts from the upper contact to 169m. The are highly deformed and cm scale, sub rounded to sub angular. Weak to moderate pervasive chlorite moderate patchy hematite weak patchy sericite / epidote. Moderate patchy leucoxene alteration. Hematite seen on broken surfaces. No significant veining, few mm scale grey chloritized carbonate stringers 70-90 degrees to core axis. Few fine grained blebby sulphides. Lower contact is sharp at 65 degrees to core axis. At 194m: ~20cm fault gouge, 45 degrees to core axis.	D 053853	193.10	193.70	0.60	0.02	
			D 053854	193.70	194.20	0.50	0.02	
			D 053856	194.20	195.00	0.80	0.02	
			D 053857	195.00	196.50	1.50	0.02	
196.50	208.10	VMM, MAFIC VOLCANIC MASSIVE Grey with patchy purple aphanitic moderately magnetic patchy throughout. Weak to moderate pervasive chlorite alterations with patchy hematite and albite. Patchy mm-2cm scale chalky grey carbonate filled varioles / amygdules, rounded, locally elongated. 2% off white to pink quartz carbonate with possible patchy albite 1-4cm and between 50 and 70 degrees to core axis. Locally, veins are mineralized with 5-10% very finely disseminated and blebby pyrite. Overall sulphides are blebby throughout , coarse grained and replacing altered varioles / amygdules, 2-3% locally 10%. Lower contact is sharp at 50 degrees to core axis. At 198.3m 5-6cm pink white vein 45-50 degrees to core axis with up to 10+% fine pyrite. From 203.3-205m: hematite altered weakly brecciated mafic, resembles hyaloclastic texture, sulphides and veining same as host rock. MINOR INTERVALS: Minor Interval: 203.30 - 205.00 OOO, Replace NULL UNIT_TWO hematite altered weakly brecciated mafic, resembles hyaloclastic texture, sulphides and veining same as host rock.	D 053858	196.50	197.00	0.50	0.02	
			D 053859	197.00	197.50	0.50	0.02	
			D 053860	197.50	198.00	0.50	0.02	
			D 053861	198.00	198.50	0.50	0.02	
			D 053862	198.50	199.00	0.50	0.02	
			D 053863	199.00	199.90	0.90	0.02	
			D 053864	199.90	200.50	0.60	0.02	
			D 053866	200.50	201.10	0.60	0.02	
			D 053867	201.10	201.60	0.50	0.03	
			D 053868	201.60	202.50	0.90	0.02	
			D 053869	202.50	204.00	1.50	0.02	
			D 053870	204.00	205.00	1.00	0.02	
			D 053871	205.00	206.50	1.50	0.02	
			D 053872	206.50	207.00	0.50	0.02	
			D 053873	207.00	207.50	0.50	0.02	
			D 053874	207.50	208.10	0.60	0.02	
208.10	210.10	IMO, MAFIC INTUSIVE Grey non magnetic intrusive mafic to intermediate unit with patchy mm - cm scale phenocrysts, white to red/pink, possible plagioclase. Moderate patchy silica alterations, with weak patchy hematite and carbonate alterations. Less than 1% whispy and discontinuous white quartz with carbonate veining variable to core axis. 5-10% sulphides coarse grained to massive pyrite in cluster. Lower contact is sharp at a variable angle to the core axis, dinstinct margin, 1-2mm thick.	D 053876	208.10	209.20	1.10	0.02	
			D 053877	209.20	210.10	0.90	0.02	

Hole Number: HC14-002

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
210.10	222.50	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE Purple to pink fine grained non magnetic felsic volcanic. Fine grained black grains / crystals contained within matrix, although unit is mostly massive. Moderate pervasive hematite / k-spar alteration, unit is weakly to moderately silicified. 1-2% wispy veinlets quartz, carbonate veins, discontinuous and variable to core axis. Upper most part of the unit contains massive sulphides 4-5% in clusters over 50cm, overall unit contains 1% very fine grained disseminated sulphides, local subhedral mm pyrite crystals. Lower contact is gradational as texture changes over ~1-2m. At: 213.7m: 5cm white quartz carbonate vein with brecciated host rock surrounding. 2m core grind at 222m. MINOR INTERVALS: Minor Interval: 219.00 - 220.50 OOO, Replace NULL UNIT_TWO	D 053878	210.10	211.50	1.40	0.05	
			D 053879	211.50	213.00	1.50	0.10	
			D 053880	213.00	213.50	0.50	0.02	
			D 053881	213.50	214.00	0.50	0.02	
			D 053882	214.00	215.50	1.50	0.02	
			D 053883	215.50	217.00	1.50	0.02	
			D 053884	217.00	218.50	1.50	0.02	
			D 053886	218.50	219.00	0.50	0.03	
			D 053887	219.00	219.50	0.50	0.10	
			D 053888	219.50	220.50	1.00	0.35	
			D 053889	220.50	222.00	1.50	0.05	
			D 053890	222.00	222.50	0.50	0.06	
222.50	228.20	VFT, FELSIC TUFF Pink to grey non magnetic silicified felsic tuff, medium grained. Fragments are less than 1cm and grey - black sub rounded to sub angular. Moderate to strong pervasive silica alteration with weak to moderate hematite and k-spar alterations. 1-2% grey - white quartz to quartz carbonate stringers 60-80 degrees to core axis locally with sulphide replacement. 1-2% fine grained sulphides locally replacement within veins, generally fine blebs and disseminated. Lower contact is gradational over 50cm as texture changes.	D 053891	222.50	224.00	1.50	1.70	
			D 053892	224.00	224.60	0.60	0.03	
			D 053893	224.60	225.20	0.60	7.95	
			D 053894	225.20	226.00	0.80	0.42	
			D 053896	226.00	227.10	1.10	1.20	
			D 053897	227.10	228.20	1.10	1.36	
228.20	230.70	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE As previous massive felsic unit, IFO from 210.1-22.5m. From 228.8-229.5m brecciated with increased sulphides, core is dark purple in this area and is non magnetic with moderate to strong hematite alteration. 3-4% fine grained blebby to clustered sulphides up to 1cm (coarser grained) in size. Patchy subhedral pyrite crystals. After the brecciated section, less than 1% sulphides. Lower contact is sharp at 70 degrees to core axis at a dark interval over 20cm. Interval is seen throughout the hole from here on out as hole deepens. Generally non magnetic, fine grained, black. Possible re-lithified fault.	D 053898	228.20	228.80	0.60	18.75	19.92
			D 053899	228.80	229.50	0.70	0.09	
			D 053900	229.50	230.70	1.20	0.04	
230.70	232.80	VFX, Felsic Breccia Purple to red brecciated non magnetic felsic volcanic. Moderate to strong pervasive hematite with weak patchy K-feldspar and moderate to strong pervasive silica alterations. Less than 1% veining variable to core axis, mm scale wisps and brecciated fragments also less than 1cm. 5-6% finely disseminated sulphides locally in wisps possibly as vein replacement, locally 10%. Lower contact is sharp at a 20cm darkened section of core as previously seen at the upper contact, possible mafic intrusion or re lithified fault section and area is very fine grained.	D 053901	230.70	231.70	1.00	0.06	
			D 053902	231.70	232.80	1.10	0.02	

Hole Number: HC14-002

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
232.80	239.60	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previous massive felsic unit from 228.2-230.7m. Overall unit is fine grained and non magnetic although sections showing medium grained, possibly tuffaceous textures. Moderately silicified, alteration as previously described. Localized sericite or low angle dirty quartz veins less than 3cm, grey to tan in colour and variable to core axis. Few sulphides, 2-3% fine grain blebby to locally euhedral pyrite. Lower contact is sharp at 10cm of black, fine grained material previously described.	D 053903	232.80	233.30	0.50	0.03	
			D 053904	233.30	234.00	0.70	0.02	
			D 053906	234.00	235.50	1.50	0.02	
			D 053907	235.50	237.00	1.50	0.02	
			D 053908	237.00	238.50	1.50	0.02	
			D 053909	238.50	239.60	1.10	0.02	
239.60	240.80	VFX, Felsic Breccia As previously described felsic breccia from 230.7-232.8m. Unit is more albitized. Lower contact is variable. Core very out of order and broken in this area.	D 053910	239.60	240.10	0.50	0.15	
			D 053911	240.10	240.80	0.70	0.25	
240.80	241.20	QVO, QUARTZ VEINS Massive white quartz vein with brecciated surrounding host rock, up to 20% sulphides. Lower contact is sharp at 40 degrees to core axis.	D 053912	240.80	241.20	0.40	31.58	32.33
241.20	242.60	AQO, SILICA ALTERED ROCK Grey - pink to purple strongly silicified section of felsic rock. As previously described massive and brecciated felsics, just very strongly silicified. Strong pervasive silica, moderate pervasive hematite alterations. Less than 1% overall veining, wispy stringers variable to core axis. From 242.1-242.6, broken core with quartz veining and increased sulphides. 2% overall fine grained disseminated sulphides locally blebby to subhedral pyrite crystals. Lower contact in gradational as alteration fades.	D 053913	241.20	242.10	0.90	0.04	
			D 053914	242.10	242.60	0.50	0.07	
242.60	243.70	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previous felsic volcanic. Trace sulphides. Lower contact is sharp at 20cm dark hematized section.	D 053916	242.60	243.70	1.10	0.02	
243.70	250.90	VFX, Felsic Breccia Similar to previous felsic breccia as previously described. Unit is purple to red and very weakly magnetic in places. Brecciated fragments are larger than previously noted at cm scale and sub angular. Moderate to strong pervasive hematite, patchy k-feldspar and weak to moderate patchy silicious sections. 2-3% brecciated white quartz veins cm scale local minor carbonate. 3% fine grained disseminated to fine grained blebby sulphides. Lower contact is sharp within dark material as previously described.	D 053917	243.70	245.20	1.50	0.02	
			D 053918	245.20	245.70	0.50	0.02	
			D 053919	245.70	246.80	1.10	0.02	
			D 053920	246.80	248.30	1.50	0.02	
			D 053921	248.30	249.80	1.50	0.02	
			D 053922	249.80	250.90	1.10	0.02	
250.90	252.20	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previous massive felsic units, VFO. Unit is light pink to red to purple, generally non magnetic. Less than 3% mm scale grey wispy veinlets variable to core axis. 1-2% finely disseminated to blebby sulphides. Lower contact is sharp at a very dark possible mafic dike similar to material described along contacts. Previously only seen in 10-20cm sections.	D 053923	250.90	251.60	0.70	0.14	
			D 053924	251.60	252.20	0.60	0.22	
252.20	253.30	IMO, MAFIC INTUSIVE Dark green - black with patchy red sections non magnetic apparent mafic intrusive. Unit is aphanitic. Moderate to strong patchy hematite alterations. No veining. 3-4% fine to medium grained blebby pyrite. Lower contact is sharp at 50-60 degrees to core axis.	D 053926	252.20	253.30	1.10	0.03	

Hole Number: HC14-002

Units: METRIC

Detailed Lithology		Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
253.30	266.10	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE Purple to pink massive felsic volcanic with intervals of patchy porphoritic texture. Unit is again non magnetic and aphanitic except where showing possible porphoritic tendencies where mm-cm scale black rounded to sub rounded blebs visible, no distinct crystal form, possible tuff. Moderate pervasive hematite and K-feldspar throughout and unit is moderately silicious. 2% white to black quartz carbonate veins locally infilled causing the dark colour, mm - 2cm scale variable to core axis. Overall 3% sulphides medium to coarse grained blebby, locally euhedral pyrite crystals less than 2cm in size. Lower contact is sharp at a broken axis, no angle. At 258.2m: 5cm white quartz vein brecciated with increased sulphides.	D 053927	253.30	254.80	1.50	0.04	
			D 053928	254.80	255.60	0.80	0.02	
			D 053929	255.60	256.50	0.90	0.02	
			D 053930	256.50	258.00	1.50	0.02	
			D 053931	258.00	258.50	0.50	1.32	
			D 053932	258.50	260.00	1.50	0.02	
			D 053933	260.00	261.00	1.00	0.02	
			D 053934	261.00	262.50	1.50	0.95	
			D 053936	262.50	264.00	1.50	0.94	
			D 053937	264.00	265.40	1.40		0.18
			D 053938	265.40	266.40	1.00		0.51
266.10	273.60	VFX, Felsic Breccia Not like previously noted brecciated felsic units. Unit is strongly brecciated with very pronounced fragments mm to several cm in size and sub angular to sub rounded. Non magnetic. Moderate pervasive hematite, patchy sericite and albite. Locally silicified. Several white mostly quartz but locally with carbonate veinlets mostly brecciated and variable to core axis, less than 3cm in size and less than 1% overall. 4-5% very fine grained disseminated to medium grained sulphide, local arsenopyrite. Visible euhedral pyrite crystals less than 2cm, sulphide content locally up to 10%. Lower contact is gradational over strongly altered section of ~50cm. This is the contact between the felsic and mafic volcanics.	D 053939	266.40	267.00	0.60		1.94
			D 053940	267.00	267.80	0.80		0.81
			D 053941	267.80	269.30	1.50		0.12
			D 053942	269.30	270.30	1.00		0.04
			D 053943	270.30	271.40	1.10		0.03
			D 053944	271.40	272.80	1.40		0.02
			D 053946	272.80	273.70	0.90		0.02
273.60	275.40	ZBX, FAULT BRECCIA Grey - purple - green non magnetic very silicified fault breccia. Fragments are mm - cm scale sub angular to sub rounded, generally mafic in composition. Moderate to strong pervasive silica, albite alterations, weak hematite locally on fracture surfaces. Few mm scale grey brecciated mostly quartz veins variable to core axis, 2 or 3 patchy 1cm dark grey veins possibly chlorite infill 60 degrees to core axis. 5% overall fine grained blebby to disseminated sulphides locally clustered. Lower contact is sharp at a re-lithified fault gouge at 50 degrees to core axis.	D 053947	273.70	274.50	0.80		0.02
			D 053948	274.50	275.40	0.90		0.02
275.40	300.00	VMM, MAFIC VOLCANIC MASSIVE Green, aphanitic to fine grained massive mafic metavolcanic with moderate patchy magnetism throughout. Weak to moderate patchy chlorite with moderate epidote and sericite alterations patchy throughout. Less than 1% wispy grey-green - off white quartz with carbonate veining, less than 2cm and 60-90 degrees to core axis. 1-2% fine grained blebby sulphides. EOH.	D 053949	275.40	276.00	0.60		0.13
			D 053950	276.00	276.70	0.70		0.02

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053798	42.70	43.20	0.0150	
D 053799	43.20	43.70	0.0150	
D 053800	43.70	45.20	0.0150	
D 053801	45.20	45.80	0.0150	

Hole Number: HC14-002

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053802	45.80	46.30	0.0150	
D 053803	46.30	46.80	0.0150	
D 053804	46.80	47.30	0.0150	
D 053806	47.30	47.80	0.0150	
D 053807	47.80	48.30	0.0150	
D 053808	48.30	48.80	1.9300	
D 053809	48.80	49.70	0.0800	
D 053810	49.70	50.20	0.0400	
D 053811	50.20	51.00	0.1500	
D 053812	51.00	51.50	0.0700	
D 053813	51.50	52.00	0.9500	
D 053814	52.00	52.50	0.2700	
D 053816	52.50	53.90	0.4700	
D 053817	53.90	54.50	0.0500	
D 053818	54.50	55.50	0.0300	
D 053819	55.50	57.00	0.0150	
D 053820	57.00	58.30	0.0150	
D 053821	58.30	58.80	0.0150	
D 053822	97.70	98.20	0.0150	
D 053823	98.20	99.00	0.0800	
D 053824	99.00	99.50	0.0150	
D 053826	99.50	100.00	0.0700	
D 053827	100.00	100.50	0.1700	
D 053828	100.50	101.00	1.7600	
D 053829	101.00	101.50	0.0150	
D 053830	106.70	107.20	0.0150	
D 053831	107.20	107.70	0.0150	
D 053832	107.70	108.20	0.0150	
D 053833	129.50	130.00	0.0150	
D 053834	130.00	130.60	0.0150	
D 053836	130.60	132.00	0.0150	
D 053837	147.20	147.70	0.0150	
D 053838	147.70	148.60	1.1900	
D 053839	148.60	149.10	0.0500	
D 053840	149.10	149.70	0.0300	
D 053841	149.70	150.90	0.0150	
D 053842	150.90	151.40	0.0150	
D 053843	151.40	152.30	0.0300	
D 053844	152.30	153.70	0.0500	

Hole Number: HC14-002

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053846	153.70	154.60	0.0150	
D 053847	154.60	156.00	0.0150	
D 053848	156.00	156.80	0.0150	
D 053849	156.80	157.30	3.7300	
D 053850	157.30	158.00	0.0150	
D 053851	158.00	158.50	0.0600	
D 053852	158.50	159.00	0.0150	
D 053853	193.10	193.70	0.0150	
D 053854	193.70	194.20	0.0150	
D 053856	194.20	195.00	0.0150	
D 053857	195.00	196.50	0.0150	
D 053858	196.50	197.00	0.0150	
D 053859	197.00	197.50	0.0150	
D 053860	197.50	198.00	0.0150	
D 053861	198.00	198.50	0.0150	
D 053862	198.50	199.00	0.0150	
D 053863	199.00	199.90	0.0150	
D 053864	199.90	200.50	0.0150	
D 053866	200.50	201.10	0.0150	
D 053867	201.10	201.60	0.0300	
D 053868	201.60	202.50	0.0150	
D 053869	202.50	204.00	0.0150	
D 053870	204.00	205.00	0.0150	
D 053871	205.00	206.50	0.0150	
D 053872	206.50	207.00	0.0150	
D 053873	207.00	207.50	0.0150	
D 053874	207.50	208.10	0.0150	
D 053876	208.10	209.20	0.0150	
D 053877	209.20	210.10	0.0150	
D 053878	210.10	211.50	0.0500	
D 053879	211.50	213.00	0.1000	
D 053880	213.00	213.50	0.0150	
D 053881	213.50	214.00	0.0150	
D 053882	214.00	215.50	0.0150	
D 053883	215.50	217.00	0.0150	
D 053884	217.00	218.50	0.0150	
D 053886	218.50	219.00	0.0300	
D 053887	219.00	219.50	0.1000	
D 053888	219.50	220.50	0.3500	

Hole Number: HC14-002

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053889	220.50	222.00	0.0500	
D 053890	222.00	222.50	0.0600	
D 053891	222.50	224.00	1.7000	
D 053892	224.00	224.60	0.0300	
D 053893	224.60	225.20	7.9500	
D 053894	225.20	226.00	0.4200	
D 053896	226.00	227.10	1.2000	
D 053897	227.10	228.20	1.3600	
D 053898	228.20	228.80	18.7500	19.9200
D 053899	228.80	229.50	0.0900	
D 053900	229.50	230.70	0.0400	
D 053901	230.70	231.70	0.0600	
D 053902	231.70	232.80	0.0150	
D 053903	232.80	233.30	0.0300	
D 053904	233.30	234.00	0.0150	
D 053906	234.00	235.50	0.0150	
D 053907	235.50	237.00	0.0150	
D 053908	237.00	238.50	0.0150	
D 053909	238.50	239.60	0.0150	
D 053910	239.60	240.10	0.1500	
D 053911	240.10	240.80	0.2500	
D 053912	240.80	241.20	31.5800	32.3300
D 053913	241.20	242.10	0.0400	
D 053914	242.10	242.60	0.0700	
D 053916	242.60	243.70	0.0150	
D 053917	243.70	245.20	0.0150	
D 053918	245.20	245.70	0.0150	
D 053919	245.70	246.80	0.0150	
D 053920	246.80	248.30	0.0150	
D 053921	248.30	249.80	0.0150	
D 053922	249.80	250.90	0.0150	
D 053923	250.90	251.60	0.1400	
D 053924	251.60	252.20	0.2200	
D 053926	252.20	253.30	0.0300	
D 053927	253.30	254.80	0.0400	
D 053928	254.80	255.60	0.0150	
D 053929	255.60	256.50	0.0150	
D 053930	256.50	258.00	0.0150	
D 053931	258.00	258.50	1.3200	

Hole Number: HC14-002

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053932	258.50	260.00	0.0150	
D 053933	260.00	261.00	0.0150	
D 053934	261.00	262.50	0.9500	
D 053936	262.50	264.00	0.9400	
D 053937	264.00	265.40		0.1800
D 053938	265.40	266.40		0.5100
D 053939	266.40	267.00		1.9400
D 053940	267.00	267.80		0.8100
D 053941	267.80	269.30		0.1200
D 053942	269.30	270.30		0.0400
D 053943	270.30	271.40		0.0300
D 053944	271.40	272.80		0.0150
D 053946	272.80	273.70		0.0150
D 053947	273.70	274.50		0.0150
D 053948	274.50	275.40		0.0150
D 053949	275.40	276.00		0.1300
D 053950	276.00	276.70		0.0150

DETAILED LOG

Hole Number: HC14-003

Units: METRIC

Project Name: HOLT	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -50.00
Project Number: HOLT	North: 5369645.00	North:	Collar Az: 180.00
Location: Holloway Township	East: 594218.00	East:	Length: 297.10
	Elev: 330.00	Elev:	Start Depth: 0.00
Date Started: Feb 12, 2014	Collar Survey: N	Plugged: N	Contractor: Orbit Garant
Date Completed: Feb 22, 2014	Multishot Survey: Y	Hole Size: NQ	Final Depth: 297.10
	Pulse EM Survey: N	Casing: YES	Core Storage: Holt McDermott

Comments:



Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
24.00	181.90	-49.90	EZ Sho	OK		102.00	181.35	-49.40	EZ Sho	OK	S. Dufrense - BAD TEST, USED AVERAGE
150.00	180.80	-49.20	EZ Sho	OK	D. Jolin	201.00	181.60	-49.50	EZ Sho	OK	S. Dufrense
252.00	182.10	-49.30	EZ Sho	OK	S. Dufrense	297.00	183.50	-49.30	EZ Sho	OK	S. Dufrense

Detailed Lithology		Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
0.00	2.40	HPO, OVERBURDEN						
2.40	46.00	VMM, MAFIC VOLCANIC MASSIVE Green, fine to medium grained weakly magnetic massive mafic metavolcanic. Moderate patchy to pervasive chlorite, weak to moderate patchy epidote and weak patchy ankerite as seen as oxidation on fracture surfaces. Less than 1% veining, patchy mm scale green whisps along with 2-3cm buff to white carbonate with quartz veining, everything is generally 45-70 degrees to core axis. Less than one percent disseminated sulphides locally medium grained blebby. Lower contact is gradational over 1m.						
46.00	61.50	VMX, MAFIC BRECCIA Green with patchy purple grey sections of flow breccia. Unit is non magnetic with brecciated fragments ranging in size from mm to 10cm generally sub angular. Moderate pervasive chlorite, patchy hematite weak patchy carbonate alterations. 2-3% white quartz veins brecciated or infill surrounding brecciated fragments, cm scale. Less than 1% pyrite, fine grained blebs throughout. Lower contact is sharp at a pillow selvege variable to core axis.						

Hole Number: HC14-003

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
61.50	78.10	VMP, VOLCANIC MASSIVE PILLOWED Grey- green aphanitic non magnetic pillowed mafic metavolcanic. Selveges are up to 10cm and locally altered, variable to core axis. Moderate pervasive chlorite patchy hematite, albite, sericite associated with pillows. Pillows locally infilled with white to buff quartz. Less than 1% veining throughout few discontinuous wispy veinlets. Approximately 10% of pillows seems are infilled in some way with quartz as described. 1% sulphides throughout, blebby pyrite fine to medium grained. Locally pyrite along margins of veins / infilled pillows as finely disseminated to fine blebs, 5% over 10cm. Lower contact is gradational over 1m. For last 10m of unit mm - less than 2cm scale rounded varioles / amygdules grey in colour locally sulphide replaced.						
78.10	117.00	VMM, MAFIC VOLCANIC MASSIVE As previously described massive mafic metavolcanic, VMM from 2.4-46.0m. For the first ~ 8m of the unit, varioles / amygdules as described in previous unit mm - less than 2cm scale, rounded and locally sulphide replaced. Unit contains many cm scale grey - white carbonate / quartz filled amygdules or possible phenocrysts, sub rounded. These are found in clusters, locally boudined. Lower contact is gradational as transition into pillowed unit.						
117.00	132.30	VMP, VOLCANIC MASSIVE PILLOWED Grey-green, non magnetic aphanitic to fine grained pillowed mafic metavolcanic. Pillows are up to 10cm and variable to core axis locally altered and replaced with pyrite and or quartz / carbonate solution. Weak pervasive chlorite with moderate patchy carbonate and albite alterations. For the last 4m of the unit, high concentration of cm scale rounded to sub angular blebs (possible phenocrysts or amygdules) generally black (chlorite) and grey (carbonate / albite) filled. Overall 2-3% grey carbonate with albite and quartz veins less than 5cm and generally between 45 and 80 degrees to core axis although mostly ~50-60. 10-20% sulphides throughout mostly as replacement within pillows and veins, locally disseminated in thin stringers, mostly massive - clustered. Lower contact is sharp at 75 degrees to core axis.	D 053951	121.40	122.70	1.30	0.02	
			D 053952	122.70	124.00	1.30	0.02	
			D 053953	124.00	125.00	1.00	0.02	
			D 053954	125.00	126.50	1.50	0.02	
			D 053956	126.50	128.00	1.50	0.02	
			D 053957	128.00	129.50	1.50	0.06	
			D 053958	129.50	130.00	0.50	0.02	
			D 053959	130.00	130.90	0.90	0.02	
			D 053960	130.90	131.40	0.50	0.04	
			D 053961	131.40	132.30	0.90	0.02	
132.30	133.80	ZBX, FAULT BRECCIA Tan - green mixed brecciated unit. Fragments are mm to several cm in size and sub rounded to angular. Composition appears to be mostly mafic although this is the main contact between mafic and felsic units. Unit is non magnetic. Moderate patchy chlorite, sericite, carbonate and silica alterations. No significant veins, several mm scale grey wispy stringers. 5-10% coarse grained blebby, clustered pyrite, locally disseminated. Lower contact is sharp at 15 degrees to core axis.	D 053962	132.30	133.30	1.00	0.02	
			D 053963	133.30	133.80	0.50	0.02	
133.80	138.40	IIO, INTERMEDIATE INTRUSIVE Dark green to purple to grey aphanitic, non magnetic intrusive. Unit appears to be intermediate in composition. Moderate pervasive hematite and chlorite alteration. Less than 1% veining white to grey quartz discontinuous cm scale and ~50 degrees to core axis, several wispy grey stringers as well. Less than 1% fine grained blebby sulphides. Lower contact is gradational over 20cm.	D 053964	133.80	135.00	1.20	0.02	
			D 053966	135.00	136.30	1.30	0.02	
			D 053967	136.30	136.80	0.50	0.90	
			D 053968	136.80	137.80	1.00	0.02	
			D 053969	137.80	138.40	0.60	0.02	

Hole Number: HC14-003

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
138.40	146.30	VIX, INTERMEDIATE VOLCANIC BRECCIA Dark grey - purple brecciated intermediate volcanic intercalated with possible metasediments. Unit is non magnetic with localized foliations variable to core axis. Varioles along upper contact for ~3m subrounded, cm scale. Moderate pervasive chlorite, patchy hematite and albite associated with varioles. Several wispy grey with patchy pink veinlets variable to core axis, mm scale carbonate with quartz. 2-3% fine blebby pyrite with patchy subhedral cm scale pyrite crystals. Lower contact is variable. Patchy possible finely laminated sediments? MINOR INTERVALS: Minor Interval: 138.40 - 146.30 OOO, Replace NULL_UNIT_TWO Patchy possible finely laminated sediments?	D 053970	138.40	138.90	0.50	0.02	
			D 053971	138.90	140.40	1.50	0.02	
			D 053972	140.40	141.00	0.60	0.02	
146.30	178.90	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE Initially dark purple - grey but gradationally into purple - pink / brick red apanitic to fine grained felsic rock. Unit contains patchy and sporadic mm-cm scale elongated and rounded varioles locally carbonate replaced, locally sulphide replaced. Also, similar, subrounded faded dark grey blebs, mm - less than 3cm scale, patchy. Very silicified. Moderate pervasive hematite patchy K-feldspar weak - moderate chlorite patchy throughout. Less than 1% veining, generally wispy white to grey discontinuous veinlets / stringers. Patchy cm scale buff to grey quartz veins 70-90 degrees to core axis. 2% finely disseminated sulphides, locally in stockwork stringers, discontinuous, wispy. Locally, sulphides replaces mm-cm scale rounded varioles as described. Local fine to medium grained blebby pyrite. Localized silvery sulphide, possibly sphalerite (red streak), possible specular hematite; this is also found as replacement, fine grained. Lower contact is gradational as alteration changes and rock becomes very silicified.	D 053973	177.00	178.40	1.40	0.05	
			D 053974	178.40	178.90	0.50	0.13	
178.90	179.60	AQO, SILICA ALTERED ROCK Brick red to purple to smokey grey silica altered rock associated with mineralized quartz vein. Unit is similar to previously described felsic volcanic but highly silicified. Microbreccia. Strong pervasive silica, moderate patchy hematite. 4-5% white quartz veins 3cm 30-50 degrees to core axis. 7% medium grained blebby sulphides, local subhedral crystals often found with veining. Lower contact is sharp at 30 degrees to core axis.	D 053976	178.90	179.60	0.70	0.17	
179.60	180.00	QVO, QUARTZ VEINS Massive quartz vein with 20-30% sulphides disseminated to subhedral.	D 053977	179.60	180.00	0.40	3.94	
180.00	181.70	AQO, SILICA ALTERED ROCK As above AQO. Patchy sections of bright red alteration, possibly potassic. Lower contact is gradational over 50cm as silica alteration weakens.	D 053978	180.00	180.70	0.70	0.55	
			D 053979	180.70	181.20	0.50	2.06	
			D 053980	181.20	181.70	0.50	0.35	

Hole Number: HC14-003

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
181.70	193.80	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previously described felsic volcanic. Lower contact is sharp at a variably brecciated section.	D 053981	181.70	182.20	0.50	0.27	
			D 053982	182.20	183.00	0.80	0.04	
			D 053983	183.00	184.50	1.50	0.16	
			D 053984	184.50	186.00	1.50	0.04	
			D 053986	186.00	187.50	1.50	0.11	
			D 053987	187.50	189.00	1.50	0.06	
			D 053988	189.00	190.50	1.50	0.05	
			D 053989	190.50	192.00	1.50	0.02	
			D 053990	192.00	193.10	1.10	0.02	
			D 053991	193.10	193.80	0.70	0.88	
193.80	198.50	VFX, Felsic Breccia Dark purple to light pink - brick red brecciated felsic material. Brecciated sections in thick bands, 20cm with mm - cm scale fragments of apparent felsic and vein material. Moderate pervasive hematite, K-feldspar and carbonate alterations. Vuggy texture throughout some of the brecciated sections. Several mm scale grey whisps variable to core axis. 5-10% clustered pyrite locally disseminated along thin wispy stringers. Local large euhedral grains cm scale. Lower contact is given at broken core, no angle.	D 053992	193.80	194.30	0.50	0.28	
			D 053993	194.30	195.00	0.70	0.07	
			D 053994	195.00	196.50	1.50	1.29	
			D 053996	196.50	198.00	1.50	1.22	
			D 053997	198.00	198.50	0.50	0.52	
198.50	200.00	ZFZ, FAULT ZONE Fault zone within brecciated felsic material as described. Broken core, gind and possible fault gouge throughout.	D 053998	198.50	200.00	1.50	0.58	
200.00	205.60	VFX, Felsic Breccia As previous felsic breccia prior to fault zone. Lower contact is sharp at 80 degrees to core axis. Patchy 2-3cm white to grey quartz veins ~40 degrees to core axis.	D 053999	200.00	200.80	0.80	1.30	
			D 054000	200.80	201.30	0.50	0.02	
			D 054001	201.30	202.40	1.10	0.02	
			D 054002	202.40	203.00	0.60	0.53	
			D 054003	203.00	203.50	0.50	1.99	
			D 054004	203.50	204.70	1.20	0.23	
			D 054006	204.70	205.60	0.90	1.37	

Hole Number: HC14-003

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
205.60	222.50	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previous felsic volcanic, massive non magnetic, brick red with mm-cm scale black to grey blebs patchy throughout. Core is fairly broken with 1.5m of core grind at 216m. Subrounded blebs / varioles locally carbonate replaced, locally sulphide replaced. Moderate pervasive hematite and K-feldspar alterations. Core is locally vuggy and broken. ~5% white to grey quartz with carbonate veins from 0-40 degrees to core axis, veins locally brecciated. Sulphide blebs associated, locally clustered along vein margins. Overall 3% sulphides fine blebs and as replacement in varioles, also as mentioned associated with veins, locally massive, 10% over 10cm. Lower contact is sharp at a large quartz vein as described, no angle as core is very broken.	D 054007	205.60	206.10	0.50	0.24	
			D 054008	206.10	207.00	0.90	0.02	
			D 054009	207.00	208.10	1.10	0.03	
			D 054010	208.10	208.70	0.60	0.02	
			D 054011	208.70	210.00	1.30	0.04	
			D 054012	210.00	211.00	1.00	0.02	
			D 054013	211.00	211.50	0.50	0.83	
			D 054014	211.50	212.60	1.10	4.77	
			D 054016	212.60	213.10	0.50	0.07	
			D 054017	213.10	214.50	1.40	0.09	
			D 054018	214.50	216.00	1.50	0.02	
			D 054019	216.00	217.00	1.00	0.06	
			D 054020	217.00	218.50	1.50	0.07	
			D 054021	218.50	219.00	0.50	0.02	
			D 054022	219.00	220.00	1.00	1.61	
			D 054023	220.00	221.00	1.00	14.88	15.77
			D 054024	221.00	222.00	1.00	0.26	
			D 054026	222.00	222.50	0.50	0.03	
222.50	223.00	QVC, QUARTZ CARBONATE VEINS Massive quartz carbonate vein buff - white within broken core and with brecciated fragments of host rock.	D 054027	222.50	223.00	0.50	0.11	
223.00	226.80	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previously described felsic volcanic, VFO from 205.6-222.5m. Lower contact is sharp at 20 degrees to core axis at a fault zone.	D 054028	223.00	223.50	0.50	1.02	
			D 054029	223.50	224.20	0.70	0.02	
			D 054030	224.20	225.00	0.80	0.05	
			D 054031	225.00	226.00	1.00	0.24	
			D 054032	226.00	226.80	0.80	0.48	
226.80	228.10	ZFZ, FAULT ZONE Fault zone with broken core, as previously described felsic, VFO. Core is brecciated and weakly re-lithified with brecciated fragments easily pulled apart. Few brecciated white quartz carbonate veins. 3-5% euhedral pyrite crystals and fine to medium grained blebs. Also possible sphalerite. Lower contact is sharp at 20 degrees to core axis.	D 054033	226.80	227.50	0.70	0.12	
			D 054034	227.50	228.10	0.60	0.02	
228.10	237.00	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE As previous felsic volcanic, VFO.	D 054036	228.10	229.50	1.40	0.04	
			D 054037	229.50	230.00	0.50	1.52	
			D 054038	230.00	231.00	1.00	0.05	
			D 054039	231.00	232.00	1.00	0.10	
			D 054040	232.00	232.50	0.50	0.10	
			D 054041	232.50	233.20	0.70	0.05	
			D 054042	233.20	234.00	0.80	0.25	
			D 054043	234.00	235.30	1.30	0.02	
			D 054044	235.30	236.00	0.70	0.02	
			D 054046	236.00	237.00	1.00	0.02	

Hole Number: HC14-003

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
237.00	249.20	VFX, Felsic Breccia Purple to brick red to pink non magnetic altered felsic with microfracturing and possible brecciation. Angular less than 2cm scale fragments patchy with sub rounded less than 3 or 4cm scale black belbs / varioles as previously described. Moderate pervasive hematite, patchy k-feldspar, moderate pervasive silica and albite alterations. 3% white quartz with small amounts of carbonate veins cm scale locally wispy generally 60 degrees to core axis, some veins cross cut and are possibly of a different generation, white to grey quartz carbonate albite veins. 5-7% sulphides overall fine grained blebby to sub / euhedral pyrite, clustered, disseminated sulphides surrounding some vein margins. Lower contact is within blocky core, 20cm.	D 054047	237.00	238.50	1.50	0.02	
			D 054048	238.50	239.00	0.50	0.04	
			D 054049	239.00	240.10	1.10	0.02	
			D 054050	240.10	241.10	1.00	0.29	
			D 054051	241.10	241.80	0.70	0.05	
			D 054052	241.80	242.50	0.70	0.41	
			D 054053	242.50	243.60	1.10	0.02	
			D 054054	243.60	244.90	1.30	0.39	
			D 054056	244.90	245.80	0.90	0.04	
			D 054057	245.80	246.50	0.70	0.36	
			D 054058	246.50	247.70	1.20	0.04	
			D 054059	247.70	249.10	1.40	0.03	
			D 054060	249.10	250.60	1.50	0.02	
249.20	287.00	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE Purple to brick red to dark grey massive felsic volcanic with small intervals of brecciation within. Unit is generally non magnetic. Moderate pervasive hematite, K-feldspar, patchy albite and silica alterations throughout. Several sections of massive sulphides in or surrounding cm scale white to milky carbonate veins, apparent partial sulphide replacement. Overall 2% of the milky white carbonate with patchy quartz veins as described cm scale, locally mm scale wispy and generally between 70 and 90 degrees to core axis. 4-5% sulphides overall finely disseminated to massive and locally clustered in medium grained blebs with patchy sub - euhedral pyrite crystal visible, locally 15-20% over 10cm. Lower contact is sharp white brecciated chilled margin, no angle. MINOR INTERVALS: Minor Interval: 249.20 - 287.00 OOO, Replace NULL UNIT_TWO Patchy felsic breccia throughout.	D 054061	250.60	251.50	0.90	0.02	
			D 054062	251.50	252.00	0.50	1.61	
			D 054063	252.00	252.80	0.80	0.02	
			D 054064	252.80	253.30	0.50	3.67	
			D 054066	253.30	254.80	1.50	0.02	
			D 054067	254.80	255.30	0.50	0.05	
			D 054068	255.30	255.80	0.50	0.06	
			D 054069	266.00	266.50	0.50	0.02	
			D 054070	266.50	267.80	1.30	0.02	
			D 054071	267.80	268.50	0.70	0.02	
			D 054072	268.50	269.50	1.00	0.02	
			D 054073	269.50	270.50	1.00	0.37	
			D 054074	270.50	271.50	1.00	0.06	
			D 054076	271.50	272.30	0.80	0.02	
			D 054077	272.30	272.80	0.50	0.15	
			D 054078	272.80	273.30	0.50	0.02	
			D 054079	283.00	283.50	0.50	0.15	
			D 054080	283.50	284.20	0.70	2.19	
			D 054081	284.20	284.70	0.50	0.02	
287.00	297.00	VMM, MAFIC VOLCANIC MASSIVE Green to grey massive mafic metavolcanic, aphanitic to fine grained and weakly magnetic. Unit contains minor interval of strongly albite altered material from ~291.5-292.3m. Overall moderate pervasive chlorite, moderate patchy albite as mentioned and weak patchy hematite. 2-3% white to grey quartz carbonate veinlets, less than 2cm and generally 60-90 degrees to core axis. 4% very coarse grained pyrite, local fine grained blebs, disseminated in veinlets within albite altered sections. EOH	D 054082	291.00	291.50	0.50	0.02	
			D 054083	291.50	292.30	0.80	0.02	
			D 054084	292.30	292.80	0.50	0.02	
297.00	297.10	EOH, END OF HOLE						

Hole Number: HC14-003

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053951	121.40	122.70	0.0150	
D 053952	122.70	124.00	0.0150	
D 053953	124.00	125.00	0.0150	
D 053954	125.00	126.50	0.0150	
D 053956	126.50	128.00	0.0150	
D 053957	128.00	129.50	0.0600	
D 053958	129.50	130.00	0.0150	
D 053959	130.00	130.90	0.0150	
D 053960	130.90	131.40	0.0400	
D 053961	131.40	132.30	0.0150	
D 053962	132.30	133.30	0.0150	
D 053963	133.30	133.80	0.0150	
D 053964	133.80	135.00	0.0150	
D 053966	135.00	136.30	0.0150	
D 053967	136.30	136.80	0.9000	
D 053968	136.80	137.80	0.0150	
D 053969	137.80	138.40	0.0150	
D 053970	138.40	138.90	0.0150	
D 053971	138.90	140.40	0.0150	
D 053972	140.40	141.00	0.0150	
D 053973	177.00	178.40	0.0500	
D 053974	178.40	178.90	0.1300	
D 053976	178.90	179.60	0.1700	
D 053977	179.60	180.00	3.9400	
D 053978	180.00	180.70	0.5500	
D 053979	180.70	181.20	2.0600	
D 053980	181.20	181.70	0.3500	
D 053981	181.70	182.20	0.2700	
D 053982	182.20	183.00	0.0400	
D 053983	183.00	184.50	0.1600	
D 053984	184.50	186.00	0.0400	
D 053986	186.00	187.50	0.1100	
D 053987	187.50	189.00	0.0600	
D 053988	189.00	190.50	0.0500	
D 053989	190.50	192.00	0.0150	
D 053990	192.00	193.10	0.0150	
D 053991	193.10	193.80	0.8800	
D 053992	193.80	194.30	0.2800	
D 053993	194.30	195.00	0.0700	

Hole Number: HC14-003

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 053994	195.00	196.50	1.2900	
D 053996	196.50	198.00	1.2200	
D 053997	198.00	198.50	0.5200	
D 053998	198.50	200.00	0.5800	
D 053999	200.00	200.80	1.3000	
D 054000	200.80	201.30	0.0150	
D 054001	201.30	202.40	0.0150	
D 054002	202.40	203.00	0.5300	
D 054003	203.00	203.50	1.9900	
D 054004	203.50	204.70	0.2300	
D 054006	204.70	205.60	1.3700	
D 054007	205.60	206.10	0.2400	
D 054008	206.10	207.00	0.0150	
D 054009	207.00	208.10	0.0300	
D 054010	208.10	208.70	0.0150	
D 054011	208.70	210.00	0.0400	
D 054012	210.00	211.00	0.0150	
D 054013	211.00	211.50	0.8300	
D 054014	211.50	212.60	4.7700	
D 054016	212.60	213.10	0.0700	
D 054017	213.10	214.50	0.0900	
D 054018	214.50	216.00	0.0150	
D 054019	216.00	217.00	0.0600	
D 054020	217.00	218.50	0.0700	
D 054021	218.50	219.00	0.0150	
D 054022	219.00	220.00	1.6100	
D 054023	220.00	221.00	14.8800	15.7700
D 054024	221.00	222.00	0.2600	
D 054026	222.00	222.50	0.0300	
D 054027	222.50	223.00	0.1100	
D 054028	223.00	223.50	1.0200	
D 054029	223.50	224.20	0.0150	
D 054030	224.20	225.00	0.0500	
D 054031	225.00	226.00	0.2400	
D 054032	226.00	226.80	0.4800	
D 054033	226.80	227.50	0.1200	
D 054034	227.50	228.10	0.0150	
D 054036	228.10	229.50	0.0400	
D 054037	229.50	230.00	1.5200	

Hole Number: HC14-003

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054038	230.00	231.00	0.0500	
D 054039	231.00	232.00	0.1000	
D 054040	232.00	232.50	0.1000	
D 054041	232.50	233.20	0.0500	
D 054042	233.20	234.00	0.2500	
D 054043	234.00	235.30	0.0150	
D 054044	235.30	236.00	0.0150	
D 054046	236.00	237.00	0.0150	
D 054047	237.00	238.50	0.0150	
D 054048	238.50	239.00	0.0400	
D 054049	239.00	240.10	0.0150	
D 054050	240.10	241.10	0.2900	
D 054051	241.10	241.80	0.0500	
D 054052	241.80	242.50	0.4100	
D 054053	242.50	243.60	0.0150	
D 054054	243.60	244.90	0.3900	
D 054056	244.90	245.80	0.0400	
D 054057	245.80	246.50	0.3600	
D 054058	246.50	247.70	0.0400	
D 054059	247.70	249.10	0.0300	
D 054060	249.10	250.60	0.0150	
D 054061	250.60	251.50	0.0150	
D 054062	251.50	252.00	1.6100	
D 054063	252.00	252.80	0.0150	
D 054064	252.80	253.30	3.6700	
D 054066	253.30	254.80	0.0150	
D 054067	254.80	255.30	0.0500	
D 054068	255.30	255.80	0.0600	
D 054069	266.00	266.50	0.0150	
D 054070	266.50	267.80	0.0150	
D 054071	267.80	268.50	0.0150	
D 054072	268.50	269.50	0.0150	
D 054073	269.50	270.50	0.3700	
D 054074	270.50	271.50	0.0600	
D 054076	271.50	272.30	0.0150	
D 054077	272.30	272.80	0.1500	
D 054078	272.80	273.30	0.0150	
D 054079	283.00	283.50	0.1500	
D 054080	283.50	284.20	2.1900	

Hole Number: HC14-003

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054081	284.20	284.70	0.0150	
D 054082	291.00	291.50	0.0150	
D 054083	291.50	292.30	0.0150	
D 054084	292.30	292.80	0.0150	

Hole Number: HC14-004

Units: METRIC

Project Name: HOLT	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -65.00
Project Number: HOLT	North: 5369645.00	North:	Collar Az: 180.00
Location: Holloway Township	East: 594218.00	East:	Length: 354.51
	Elev: 330.00	Elev:	Start Depth: 0.00
Date Started: Feb 22, 2014	Collar Survey: N	Plugged: N	Contractor: Orbit Garant
Date Completed: Feb 27, 2014	Multishot Survey: Y	Hole Size: NQ	Final Depth: 354.51
	Pulse EM Survey: N	Casing: YES	Core Storage: Holt McDermott

Comments: Missing tests for 200 and 300m

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
15.00	176.00	-65.60	EZ Sho	OK	Denis Jolin	51.00	177.00	-64.40	EZ Sho	OK	Denis Jolin
102.00	179.40	-64.60	EZ Sho	OK	Steve Dufrense	150.00	176.50	-63.70	EZ Sho	OK	Steve Dufrense
252.00	181.90	-64.30	EZ Sho	OK	Steve Dufrense	354.00	183.70	-64.10	EZ Sho	OK	Steve Dufrense

Detailed Lithology		Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
0.00	1.50	HPO, OVERBURDEN						
1.50	124.30	VMM, MAFIC VOLCANIC MASSIVE Green - green/grey medium grained massive mafic metavolcanic unit. Moderate to strong magnetism throughout. Moderate pervasive chlorite, patchy epidote and albite alterations. Few grey - green wispy veinlets, mm scale. Several 1% overall white - chalky carbonate veins with quartz, locally with increased sulphides and alterations. Less than 1% sulphides overall, fine to medium grained blebby, locally disseminated within altered vein sections as described. Lower contact is sharp at a flow breccia, varibale angle to core axis. At ~27.7m: 5cm scale white to pink carbonate vein with increase to 10% sulphides over 20cm. At 79.5m: 1.1m section of increased alteration, sulphides and veining, pink to green carbonate and epidote with albite alterations. At 112.5m: 0.8m section as described.	D 054086	27.00	27.70	0.70	0.02	
			D 054087	27.70	28.20	0.50	0.02	
			D 054088	28.20	28.70	0.50	0.08	
			D 054089	28.70	29.20	0.50	0.02	
			D 054090	78.40	78.90	0.50	0.02	
			D 054091	78.90	79.40	0.50	0.02	
			D 054092	79.40	79.90	0.50	0.02	
			D 054093	79.90	80.40	0.50	0.21	
			D 054094	80.40	80.90	0.50	0.02	
			D 054096	111.90	112.40	0.50	0.02	
			D 054097	112.40	113.20	0.80	0.02	
			D 054098	113.20	113.70	0.50	0.02	
			D 054099	123.70	124.20	0.50	0.02	
			D 054100	124.20	125.70	1.50	0.02	

Hole Number: HC14-004

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
124.30	145.30	VMX, MAFIC BRECCIA Grey-green aphanitic to fine grained flow breccia within mafic rock. Patchy pillow selvages visible and variable to core axis, generally broken up but where held together, up to 10cm or greater in size. Brecciated fragments are mm - cm scale and angular to subrounded. Weak to moderate pervasive chlorite, patchy albite and hematite alterations. Few veins less than 1% overall, mm scale whisps. Several cm scale pillows infilled with silica and locally albite, white to smokey grey, overall 3-4% and brecciated. 5-10% finely clustered to coarse euhedral pyrite throughout. Lower contact is sharp at distinct textural change, ~90 degrees to core axis.	D 054101	125.70	126.50	0.80	0.02	
			D 054102	126.50	127.30	0.80	0.02	
			D 054103	127.30	128.50	1.20	0.02	
			D 054104	128.50	129.00	0.50	0.02	
			D 054106	129.00	130.50	1.50	0.02	
			D 054107	130.50	132.00	1.50	0.02	
			D 054108	132.00	133.00	1.00	0.02	
			D 054109	133.00	133.50	0.50	0.02	
			D 054110	133.50	135.00	1.50	0.02	
			D 054111	135.00	136.50	1.50	0.02	
			D 054112	136.50	138.00	1.50	0.02	
			D 054113	138.00	139.50	1.50	0.02	
			D 054114	139.50	140.00	0.50	0.02	
			D 054116	140.00	141.00	1.00	0.02	
			D 054117	141.00	142.50	1.50	0.02	
			D 054118	142.50	144.00	1.50	0.02	
			D 054119	144.00	145.30	1.30	0.02	
145.30	319.10	LDO, DIABASE DYKE Grey-green moderately magnetic mafic material most likely diabase. Unit is fine to medium grained with local black fractures infilled with chlorite, ~2cm in size and generally between 70 and 90 degrees to core axis. Less than 1% mm-cm scale black blebs. Weak patchy chlorite and epidote alterations. Few veins, less than 1% cm scale white to green veinlets quartz - carbonate with possilbe epidote associated. Less than 1% fine grained blebby sulphides. Lower contact is sharp at silicified contact 90 degrees to core axis. MINOR INTERVALS: Minor Interval: 145.30 - 319.10 OOO, Replace NULL_UNIT_TWO	D 054120	145.30	145.80	0.50	0.02	
			D 054121	318.00	318.60	0.60	0.02	
			D 054122	318.60	319.10	0.50	0.02	
319.10	332.00	IIO, INTERMEDIATE INTRUSIVE Darl grey - purple aphanitic to fine grained non magnetic intermediate intrusive rock. Unit is very hard, silicified and locally broken in places, most likely due to drilling. Fairly pervasive grey- white mm scale blebs, rounded. Moderate to strong pervasive silica, moderate patchy hematite alterations. Less than 1 % grey - white wispy stringers variable to core axis however generally 60-90 dergees to core axis. Upper contact contains 20cm white to smokey quartz vein with increased sulphides. Isolated 1-2cm scale white to grey quartz veins 80-90 degrees to core axis. 1-2% finely disseminated sulphides throughout, locally blebby to subhedral 1cm scale pyrite crystals. Lower contact is sharp at a brecciated section and thus no distinct angle is available. MINOR INTERVALS: Minor Interval: 319.10 - 332.00 OOO, Replace NULL_UNIT_TWO	D 054123	319.10	319.40	0.30	7.13	
			D 054124	319.40	319.90	0.50	0.02	
			D 054126	319.90	320.40	0.50	0.02	
			D 054127	331.50	332.00	0.50	0.02	

Hole Number: HC14-004

Units: METRIC

Detailed Lithology		Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
332.00	338.80	VFX, Felsic Breccia Brick red to purple felsic metavolcanic unit with areas of brecciation. Non magnetic, cm scale fragments with blue grey altered phenocrysts / brecciated fragments contained within unit. Moderate pervasive hematite, K-feldspar alterations, moderate pervasive silica. Some brecciated fragments appear to be mafic in origin, suggesting rip up fragmentation during intrusion. 1% brecciated and discontinuous milky white quartz with carbonate and locally albite veinlets, less than 2cm in size. 2-3% fine grained disseminated to fine grained blebby sulphides with local euhedral pyrite crystals up to 2cm in size. Lower contact is gradational with material similar to overlaying intermediate unit, suggesting possible compisitional change.	D 054128	332.00	333.00	1.00	0.02	
			D 054129	333.00	334.20	1.20	0.15	
			D 054130	334.20	334.70	0.50	0.02	
			D 054131	334.70	335.20	0.50	0.91	
			D 054132	335.20	335.70	0.50	0.02	
			D 054133	335.70	337.20	1.50	0.02	
			D 054134	337.20	338.00	0.80	0.06	
			D 054136	338.00	338.80	0.80	0.42	
338.80	341.00	IIO, INTERMEDIATE INTRUSIVE As previous IIO/VIO, intermediate unit described. Lower contact is gradational over 50cm. MINOR INTERVALS: Minor Interval: 338.80 - 341.00 OOO, Replace NULL UNIT_TWO	D 054137	338.80	340.00	1.20	0.02	
			D 054138	340.00	341.00	1.00	0.02	
341.00	354.50	VFT, FELSIC TUFF Red to pink to purple massive to tuffaceous felsic metavolcanic material. Unit is non magnetic, fine grained and very silicified. mm- cm scale black sub rounded blebs with possible varioles up to 3cm and chlorite / carbonate and locally pyrite replaced. Moderate pervasive silica, hematite and K-feldspar. 2-3% white quartz veins with patchy carbonate cm scale 50-75 degrees to core axis. Also, 2% mm-cm scale grey - white quartz carbonate veins variable to core axis. 3-5% sulphides coars grained blebby, locally fine grained and within veins, patchy disseminated sections. EOH MINOR INTERVALS: Minor Interval: 341.00 - 354.50 OOO, Replace NULL UNIT_TWO	D 054139	341.00	342.00	1.00	0.03	
			D 054140	342.00	343.00	1.00	0.06	
			D 054141	343.00	344.50	1.50	0.02	
			D 054142	344.50	345.40	0.90	0.04	
			D 054143	345.40	346.10	0.70	0.02	
			D 054144	346.10	346.60	0.50	0.05	
			D 054146	346.60	347.60	1.00	0.02	
			D 054147	347.60	348.20	0.60	0.02	
			D 054148	348.20	349.20	1.00	0.12	
			D 054149	349.20	350.00	0.80	0.06	
			D 054150	350.00	350.50	0.50	0.06	
			D 054151	350.50	352.00	1.50	0.13	
			D 054152	352.00	353.50	1.50	0.02	
			D 054153	353.50	354.00	0.50	0.08	
			D 054154	354.00	354.50	0.50	0.02	
354.50	354.51	EOH, END OF HOLE						

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054086	27.00	27.70	0.0150	
D 054087	27.70	28.20	0.0150	
D 054088	28.20	28.70	0.0800	
D 054089	28.70	29.20	0.0150	
D 054090	78.40	78.90	0.0150	
D 054091	78.90	79.40	0.0150	

Hole Number: HC14-004

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054092	79.40	79.90	0.0150	
D 054093	79.90	80.40	0.2100	
D 054094	80.40	80.90	0.0150	
D 054096	111.90	112.40	0.0150	
D 054097	112.40	113.20	0.0150	
D 054098	113.20	113.70	0.0150	
D 054099	123.70	124.20	0.0150	
D 054100	124.20	125.70	0.0150	
D 054101	125.70	126.50	0.0150	
D 054102	126.50	127.30	0.0150	
D 054103	127.30	128.50	0.0150	
D 054104	128.50	129.00	0.0150	
D 054106	129.00	130.50	0.0150	
D 054107	130.50	132.00	0.0150	
D 054108	132.00	133.00	0.0150	
D 054109	133.00	133.50	0.0150	
D 054110	133.50	135.00	0.0150	
D 054111	135.00	136.50	0.0150	
D 054112	136.50	138.00	0.0150	
D 054113	138.00	139.50	0.0150	
D 054114	139.50	140.00	0.0150	
D 054116	140.00	141.00	0.0150	
D 054117	141.00	142.50	0.0150	
D 054118	142.50	144.00	0.0150	
D 054119	144.00	145.30	0.0150	
D 054120	145.30	145.80	0.0150	
D 054121	318.00	318.60	0.0150	
D 054122	318.60	319.10	0.0150	
D 054123	319.10	319.40	7.1300	
D 054124	319.40	319.90	0.0150	
D 054126	319.90	320.40	0.0150	
D 054127	331.50	332.00	0.0150	
D 054128	332.00	333.00	0.0150	
D 054129	333.00	334.20	0.1500	
D 054130	334.20	334.70	0.0150	
D 054131	334.70	335.20	0.9100	
D 054132	335.20	335.70	0.0150	
D 054133	335.70	337.20	0.0150	
D 054134	337.20	338.00	0.0600	

Hole Number: HC14-004

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054136	338.00	338.80	0.4200	
D 054137	338.80	340.00	0.0150	
D 054138	340.00	341.00	0.0150	
D 054139	341.00	342.00	0.0300	
D 054140	342.00	343.00	0.0600	
D 054141	343.00	344.50	0.0150	
D 054142	344.50	345.40	0.0400	
D 054143	345.40	346.10	0.0150	
D 054144	346.10	346.60	0.0500	
D 054146	346.60	347.60	0.0150	
D 054147	347.60	348.20	0.0150	
D 054148	348.20	349.20	0.1200	
D 054149	349.20	350.00	0.0600	
D 054150	350.00	350.50	0.0600	
D 054151	350.50	352.00	0.1300	
D 054152	352.00	353.50	0.0150	
D 054153	353.50	354.00	0.0800	
D 054154	354.00	354.50	0.0150	

DETAILED LOG

Hole Number: HC14-005

Units: METRIC

Project Name: HOLT	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -45.00
Project Number: HOLT	North: 5369750.00	North:	Collar Az: 180.00
Location: Holloway Township	East: 594460.00	East:	Length: 305.20
	Elev: 310.00	Elev:	Start Depth: 0.00
Date Started: Mar 04, 2014	Collar Survey: N	Plugged: N	Contractor: Orbit Garant
Date Completed:	Multishot Survey: Y	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 305.20

Comments:



Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
15.00	180.50	-45.20	EZ Sho	OK		51.00	186.20	-45.30	EZ Sho	OK	
150.00	189.40	-44.30	EZ Sho	OK							

Detailed Lithology			Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV	
0.00	3.50	HPO, OVERBURDEN							
3.50	53.00	VMM, MAFIC VOLCANIC MASSIVE Grey - green aphanitic to medium grained moderately magnetic massive mafic metavolcanic with patchy pillow selveges with depth. Moderate pervasive chlorite, patchy hematite / ankerite on fracture surfaces, moderate patchy sericite / epidote, in green to tan patches and bands throughout, less than 15cm variable to core axis. Possible low angle faults throughout, no minarlization associated. Less than one percent mm - less than 2cm scale veinlets variable to core axis, white to grey, quartz carbonate in composition. Less than 1% medium grained blebby sulphides, patchy sub - euhdral pyrite, less than 2cm in size. Lower contact is gradational over serveral metres. From 28.8-32m: Fault zone with brown , oranage fractured and broken mafic rock with gouge on low angle, less than 10 degrees to core axis. MINOR INTERVALS: Minor Interval: 28.80 - 32.00 OOO, Replace NULL UNIT_TWO Fault zone with brown , oranage fractured and broken mafic rock with gouge on low angle, less than 10 degrees to core axis. Minor Interval: 32.00 - 53.00 OOO, Replace NULL UNIT_TWO Patchy pillow selveges throughout.	D 054156	28.30	28.80	0.50	0.02		
			D 054157	28.80	29.80	1.00	0.02		
			D 054158	29.80	31.30	1.50	0.11		
			D 054159	31.30	32.00	0.70	0.02		

Hole Number: HC14-005

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
53.00	84.80	VMX, MAFIC BRECCIA Grey - green mafic flow breccia. Unit has a fine grained matrix with mm - 10cm scale fragments rounded - angular. Unit displays moderate patchy magnetism throughout. Several sections where mm scale rounded grey to black blebs, possible amygdules / varioles. Moderate pervasive chlorite, patchy hematite and strong ankerite on fracture surfaces. Moderate patchy albite and carbonate alterations throughout. 1-2% tan - grey quartz carbonate veins with possible sericite alterations. Veins are up to 4cm generally 45-75 degrees to core axis. Several large, 10cm white to tan, locally vuggy carbonate quartz veins 65 degrees to core axis. 1% overall sulphides, patchy mm -cm scale subhedral pyrite. Sulphides locally disseminated, generally blebby. Lower contact is gradational over 1-2m as brecciation ceases.	D 054160	56.70	57.20	0.50	0.02	
			D 054161	57.20	57.50	0.30	0.02	
			D 054162	57.50	58.00	0.50	0.02	
			D 054163	64.70	65.20	0.50	0.02	
			D 054164	65.20	66.00	0.80	0.02	
			D 054166	66.00	67.50	1.50	0.02	
			D 054167	67.50	69.00	1.50	0.02	
			D 054168	69.00	70.10	1.10	0.02	
			D 054169	80.00	80.50	0.50	0.02	
			D 054170	80.50	81.00	0.50	1.06	
			D 054171	81.00	81.60	0.60	0.02	
			D 054172	81.60	82.50	0.90	0.02	
			D 054173	82.50	84.00	1.50	0.02	
			D 054174	84.00	84.50	0.50	0.02	
84.80	104.00	VMM, MAFIC VOLCANIC MASSIVE Dark green - grey fine grained weakly to moderately magnetic massive mafic metavolcanic. Several interals of mm scale black, subrounded blebs patchy. Moderate to strong pervasive chlorite alterations throughout. Less than 1% mm scale stringers white to grey, carbonate, possible quartz. 1-2% medium to coarse grained sulphides, locally clustered and locally within veins. Lower contact is gradational over 50cm.						
104.00	113.00	VMX, MAFIC BRECCIA Green to light green mafic flow breccia, simmlar to previous brecciated section described. Localized weak hyaloclastic texture, patchy. Weak to moderate patchy chlorite, weak patchy hematite, albite. Veins are generally discontinuous, variable to core axis, mm scale. 3-4% coarse grained sulphides, clustered. Lower contact is sharp at 70 degrees to core axis.	D 054176	109.70	110.30	0.60	0.02	
			D 054177	110.30	111.00	0.70	0.02	
			D 054178	111.00	111.50	0.50	0.02	
113.00	118.40	VMM, MAFIC VOLCANIC MASSIVE As previous massive mafic unit, VMM described. Lower contact sharp at 70 degrees to core axis.	D 054179	117.90	118.40	0.50	0.02	
118.40	118.70	AAO, ALBITIC ALTERED ROCK Highly altered 30cm section. Strong pervasive albite and silica, appears to be brecciated vein. 15% very fine grained disseminated sulphides and coarse grained subhedral pyrite clusters. Lower contact is sharp at 75 degrees to core axis.	D 054180	118.40	118.70	0.30	0.15	
118.70	181.50	VMM, MAFIC VOLCANIC MASSIVE As previously described massive mafic metavolcanic described. Increased epidoe, moderate, patchy. Lower contact is gradational over 0.5m. At 149.2m and 150.7m: 20cm quartz with albite veins 45 and 65 degrees to core axis with increased sulphides. Second vein has chalcopyrite.	D 054181	118.70	119.20	0.50	0.02	
			D 054182	148.70	149.20	0.50	0.02	
			D 054183	149.20	149.70	0.50	0.02	
			D 054184	149.70	150.50	0.80	0.02	
			D 054186	150.50	151.00	0.50	0.36	
			D 054187	151.00	151.50	0.50	0.02	

Hole Number: HC14-005

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
181.50	213.20	VMP, VOLCANIC MASSIVE PILLOWED Green to grey fine grained pillowed mafic. Moderately magnetic. Pillows locally silica flooded, locally brecciated and variable to core axis. Moderate pervasive chlorite, patchy silica as mentioned, patchy carbonate alterations. 1-2% white-grey quartz carbonate veinlets wispy and generally 60-70 degrees to core axis. 1-2% fine to medium grained blebby sulphides. Local clustered of pyrite up to 10-20% over 10-20cm. Lower contact is sharp following 1m moderate sericite carbonate alteration.	D 054188	211.20	211.70	0.50	0.02	
			D 054189	211.70	212.20	0.50	0.02	
			D 054190	212.20	212.70	0.50	0.02	
			D 054191	212.70	213.20	0.50	0.02	
213.20	216.50	IIO, INTERMEDIATE INTRUSIVE Dark grey-purple intrusive unit. Non magnetic, aphanitic to fine grained. Moderate to strong pervasive chlorite, patchy hematite. Pervasive mm scale chalky to grey blebs throughout, rounded. 1% grey wispy discontinuous stringers, variable to core axis. 1-2% fine disseminated sulphides and mm scale subhedral crystals and local blebs. Lower contact is gradational over 50cm with a compositional change.	D 054192	213.20	214.70	1.50	0.02	
			D 054193	214.70	216.00	1.30	0.02	
			D 054194	216.00	216.50	0.50	0.02	
216.50	218.70	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE Pink to brick red, non magnetic aphanitic to fine grained felsic volcanic. Moderate pervasive K-feldspar, patchy hematite pervasive silica. Unit is very hard. Less than 1% wispy grey stringers. Trace sulphides. Lower contact contains 20cm section with increased sulphides to 10+% fine to medium grained blebby clusters, 90 degrees to core axis.	D 054196	216.50	217.70	1.20	0.02	
			D 054197	217.70	218.40	0.70	0.02	
			D 054198	218.40	218.70	0.30	0.02	
218.70	223.20	VFX, Felsic Breccia Grey to brick red mixed felsic breccia. Non magnetic, fragments are cm scale sub angular. Very silicified with some sulphide replacement noticed within small subrounded grey possible varivols with associated carbonate. Rock is very hard with little if any scratch with carbide. Possible beryl or maybe corundum associated. Moderate pervasive silica, hematite, K-feldspar and albite alterations throughout. Less than 1% veining, grey and brecciated. Very localized vuggy texture noted especially at 222-Lower contact. 5% sulphides widely diversified from fine disseminated pyrite to coarse grained clusters and euhedral cm scale crystals. Lower contact is sharp at vuggy textured core ~60 degrees to core axis.	D 054199	218.70	219.20	0.50	0.06	
			D 054200	219.20	220.20	1.00	0.02	
			D 054201	220.20	221.20	1.00	0.02	
			D 054202	221.20	222.00	0.80	0.02	
			D 054203	222.00	223.00	1.00	0.02	
			D 054204	223.00	224.20	1.20	0.02	
223.20	227.60	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE As previously described felsic volcanic, VFO from 216.5-218.7m. Lower contact is sharp at 6 degrees to core axis.	D 054206	224.20	225.00	0.80	0.02	
			D 054207	225.00	226.50	1.50	0.02	
			D 054208	226.50	227.60	1.10	0.02	
227.60	236.70	VFX, Felsic Breccia As previously described brecciated felsic unit, VFX. Lower contact of the unit is sharp at 50 degrees to core axis.	D 054209	227.60	228.60	1.00	0.56	
			D 054210	228.60	229.50	0.90	2.40	
			D 054211	229.50	230.80	1.30	0.69	
			D 054212	230.80	231.30	0.50	0.02	
			D 054213	231.30	232.80	1.50	0.08	
			D 054214	232.80	234.00	1.20	0.02	
			D 054216	234.00	235.50	1.50	0.09	
			D 054217	235.50	236.50	1.00	0.06	
			D 054218	236.50	236.80	0.30	0.37	
236.70	236.80	AAO, ALBITIC ALTERED ROCK t 236.7m 20-30% sulphides increased over 10-20cm in altered vein.						

Hole Number: HC14-005

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
236.80	249.80	VFX, Felsic Breccia As previously described brecciated felsic unit, VFX. Lower contact of the unit is sharp at 50 degrees to core axis.	D 054219	236.80	237.30	0.50	0.02	
			D 054220	237.30	238.80	1.50	0.05	
			D 054221	238.80	240.30	1.50	0.04	
			D 054222	240.30	241.80	1.50	0.10	
			D 054223	241.80	243.00	1.20	0.09	
			D 054224	243.00	243.50	0.50	0.58	
			D 054226	243.50	245.00	1.50	0.06	
			D 054227	245.00	246.50	1.50	0.02	
			D 054228	246.50	248.00	1.50	0.06	
			D 054229	248.00	249.00	1.00	0.47	
			D 054230	249.00	249.80	0.80	0.05	
249.80	268.80	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE Grey- purple non magnetic possible intermediate to felsic. Unit is massive, aphanitic to fine grained with patchy subrounded discoloured blebs, mm scale faded. Sections of brick red felsic material over 50cm. Moderate pervasive chlorite, patchy hematite and k-feldspar alterations. Less than 1% wispy grey veins variable to core axis. 1% sulphide blebs, fine grained. Lower contact is sharp at 70 degrees to core axis.	D 054231	249.80	250.30	0.50	0.02	
			D 054232	250.30	250.80	0.50	0.02	
			D 054233	259.30	259.80	0.50	0.02	
			D 054234	259.80	260.80	1.00	0.02	
			D 054236	260.80	262.30	1.50	0.02	
			D 054237	262.30	263.80	1.50	0.02	
			D 054238	263.80	265.30	1.50	0.02	
			D 054239	265.30	266.80	1.50	0.02	
			D 054240	266.80	267.80	1.00	0.03	
			D 054241	267.80	268.80	1.00	0.02	
268.80	269.70	VFX, Felsic Breccia As previously described felsic breccia. Lower contact is sharp at a 10-20cm quartz vein.	D 054242	268.80	269.70	0.90	0.02	
269.70	269.80	QVO, QUARTZ VEINS 10cm white broken quartz vein within brecciated section.	D 054243	269.70	270.00	0.30	0.02	
269.80	275.20	VFX, Felsic Breccia As previously described felsic volcanic unit, VFX. Moderate pervasive albite, silica, hematite alterations. Less than 1% white to grey wispy to less than 2cm scale locally discontinuous variable to core axis. 2-3% fine to medium grained blebby pyrite, locally with thin veinlets. Lower contact is sharp at 85 degrees to core axis.	D 054244	270.00	270.50	0.50	0.02	
			D 054246	270.50	271.50	1.00	0.26	
			D 054247	271.50	273.00	1.50	0.02	
			D 054248	273.00	274.50	1.50	0.02	
			D 054249	274.50	275.20	0.70	0.16	
275.20	281.00	VFO, FELSIC VOLCANIC, RHYOLITE, RHYODACITE As previously described felsic volcanic unit, VFO. Towards the end of the unit patchy tuffaceous texture, from ~ 278.5m-Lower contact. Lower contact is sharp at 90 degrees to core axis at 20cm black section, possible mafic dyke, possible re-lithified fault, weakly magnetic.	D 054250	275.20	276.00	0.80	0.11	
			D 054251	276.00	277.50	1.50	0.02	
			D 054252	277.50	279.00	1.50	0.06	
			D 054253	279.00	280.00	1.00	0.02	
			D 054254	280.00	281.00	1.00	0.02	
281.00	283.50	VFX, Felsic Breccia As previously described felsic volcanic unit, VFO. Lower contact is again within 20cm of black weakly magnetic fine grained material.	D 054256	281.00	282.50	1.50	0.24	
			D 054257	282.50	283.50	1.00	0.02	

Hole Number: HC14-005

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
283.50	286.50	VFT, FELSIC TUFF Light pink grey to red felic tuff. Unit contains mm scale blebs grey - black sub rounded to angular. Moderate silica, weak hematite and K-feldspar alterations. Less than 1% wispy grey quartz stringers variable to core axis. 1-2% blebby sulphides and subhedral pyrite, locally in veins. Lower contact is gradational over 1m.	D 054258	283.50	285.00	1.50	0.02	
			D 054259	285.00	286.50	1.50	0.02	
286.50	305.10	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE Brick red in colour with sections of purple and grey massive felsic volcanic intercalated with felsic tuff and felsic breccia units as described. Moderate pervasive hematite and K-feldspar with patchy sections of albite, pervasive silica throughtout. Unit consistantly shows mm- less than 2cm scale quartz veins with carbonate, variable to core axis locally discontinuous. Veining locally infilled with	D 054260	286.50	288.00	1.50	0.02	
			D 054261	288.00	289.50	1.50	0.02	
			D 054262	289.50	290.00	0.50	0.02	
			D 054263	290.00	291.00	1.00	0.02	
			D 054264	291.00	292.20	1.20	0.05	
			D 054266	292.20	293.70	1.50	0.05	
			D 054267	293.70	294.20	0.50	0.02	
			D 054268	294.20	295.50	1.30	0.02	
			D 054269	295.50	297.00	1.50	0.02	
			D 054270	297.00	298.20	1.20	0.02	
			D 054271	298.20	299.00	0.80	0.02	
			D 054272	299.00	300.00	1.00	0.02	
			D 054273	300.00	301.50	1.50	0.02	
			D 054274	301.50	303.00	1.50	0.02	
			D 054276	303.00	304.50	1.50	0.02	
			D 054277	304.50	305.10	0.60	0.02	
305.10	305.20	EOH, END OF HOLE						

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054156	28.30	28.80	0.0150	
D 054157	28.80	29.80	0.0150	
D 054158	29.80	31.30	0.1100	
D 054159	31.30	32.00	0.0150	
D 054160	56.70	57.20	0.0150	
D 054161	57.20	57.50	0.0150	
D 054162	57.50	58.00	0.0150	
D 054163	64.70	65.20	0.0150	
D 054164	65.20	66.00	0.0150	
D 054166	66.00	67.50	0.0150	
D 054167	67.50	69.00	0.0150	
D 054168	69.00	70.10	0.0150	
D 054169	80.00	80.50	0.0150	
D 054170	80.50	81.00	1.0600	
D 054171	81.00	81.60	0.0150	

Hole Number: HC14-005

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054172	81.60	82.50	0.0150	
D 054173	82.50	84.00	0.0150	
D 054174	84.00	84.50	0.0150	
D 054176	109.70	110.30	0.0150	
D 054177	110.30	111.00	0.0150	
D 054178	111.00	111.50	0.0150	
D 054179	117.90	118.40	0.0150	
D 054180	118.40	118.70	0.1500	
D 054181	118.70	119.20	0.0150	
D 054182	148.70	149.20	0.0150	
D 054183	149.20	149.70	0.0150	
D 054184	149.70	150.50	0.0150	
D 054186	150.50	151.00	0.3600	
D 054187	151.00	151.50	0.0150	
D 054188	211.20	211.70	0.0150	
D 054189	211.70	212.20	0.0150	
D 054190	212.20	212.70	0.0150	
D 054191	212.70	213.20	0.0150	
D 054192	213.20	214.70	0.0150	
D 054193	214.70	216.00	0.0150	
D 054194	216.00	216.50	0.0150	
D 054196	216.50	217.70	0.0150	
D 054197	217.70	218.40	0.0150	
D 054198	218.40	218.70	0.0150	
D 054199	218.70	219.20	0.0600	
D 054200	219.20	220.20	0.0150	
D 054201	220.20	221.20	0.0150	
D 054202	221.20	222.00	0.0150	
D 054203	222.00	223.00	0.0150	
D 054204	223.00	224.20	0.0150	
D 054206	224.20	225.00	0.0150	
D 054207	225.00	226.50	0.0150	
D 054208	226.50	227.60	0.0150	
D 054209	227.60	228.60	0.5600	
D 054210	228.60	229.50	2.4000	
D 054211	229.50	230.80	0.6900	
D 054212	230.80	231.30	0.0150	
D 054213	231.30	232.80	0.0800	
D 054214	232.80	234.00	0.0150	

Hole Number: HC14-005

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054216	234.00	235.50	0.0900	
D 054217	235.50	236.50	0.0600	
D 054218	236.50	236.80	0.3700	
D 054219	236.80	237.30	0.0150	
D 054220	237.30	238.80	0.0500	
D 054221	238.80	240.30	0.0400	
D 054222	240.30	241.80	0.1000	
D 054223	241.80	243.00	0.0900	
D 054224	243.00	243.50	0.5800	
D 054226	243.50	245.00	0.0600	
D 054227	245.00	246.50	0.0150	
D 054228	246.50	248.00	0.0600	
D 054229	248.00	249.00	0.4700	
D 054230	249.00	249.80	0.0500	
D 054231	249.80	250.30	0.0150	
D 054232	250.30	250.80	0.0150	
D 054233	259.30	259.80	0.0150	
D 054234	259.80	260.80	0.0150	
D 054236	260.80	262.30	0.0150	
D 054237	262.30	263.80	0.0150	
D 054238	263.80	265.30	0.0150	
D 054239	265.30	266.80	0.0150	
D 054240	266.80	267.80	0.0300	
D 054241	267.80	268.80	0.0150	
D 054242	268.80	269.70	0.0150	
D 054243	269.70	270.00	0.0150	
D 054244	270.00	270.50	0.0150	
D 054246	270.50	271.50	0.2600	
D 054247	271.50	273.00	0.0150	
D 054248	273.00	274.50	0.0150	
D 054249	274.50	275.20	0.1600	
D 054250	275.20	276.00	0.1100	
D 054251	276.00	277.50	0.0150	
D 054252	277.50	279.00	0.0600	
D 054253	279.00	280.00	0.0150	
D 054254	280.00	281.00	0.0150	
D 054256	281.00	282.50	0.2400	
D 054257	282.50	283.50	0.0150	
D 054258	283.50	285.00	0.0150	

Hole Number: HC14-005

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054259	285.00	286.50	0.0150	
D 054260	286.50	288.00	0.0150	
D 054261	288.00	289.50	0.0150	
D 054262	289.50	290.00	0.0150	
D 054263	290.00	291.00	0.0150	
D 054264	291.00	292.20	0.0500	
D 054266	292.20	293.70	0.0500	
D 054267	293.70	294.20	0.0150	
D 054268	294.20	295.50	0.0150	
D 054269	295.50	297.00	0.0150	
D 054270	297.00	298.20	0.0150	
D 054271	298.20	299.00	0.0150	
D 054272	299.00	300.00	0.0150	
D 054273	300.00	301.50	0.0150	
D 054274	301.50	303.00	0.0150	
D 054276	303.00	304.50	0.0150	
D 054277	304.50	305.10	0.0150	

DETAILED LOG

Hole Number: HC14-006

Units: METRIC

Project Name: HOLT	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -80.00
Project Number: HOLT	North: 5369551.00	North:	Collar Az: 20.00
Location: Holloway Township	East: 594184.00	East:	Length: 60.01
	Elev: 318.00	Elev:	Start Depth: 0.00
Date Started: Mar 09, 2014	Collar Survey: N	Plugged: N	Contractor: Orbit Garant
Date Completed: Mar 10, 2014	Multishot Survey: Y	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 60.01

Comments:

Sample Averages

Detailed Lithology		Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
0.00	1.50	HPO, OVERBURDEN						
1.50	10.30	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054278	1.50	2.00	0.50	0.13	
			D 054279	2.00	3.00	1.00	0.51	
			D 054280	3.00	3.90	0.90	0.12	
			D 054281	3.90	4.40	0.50	0.02	
			D 054282	4.40	5.90	1.50	0.09	
			D 054283	5.90	7.40	1.50	0.02	
			D 054284	7.40	8.90	1.50	0.02	
			D 054286	8.90	10.30	1.40	0.02	
10.30	10.50	QVO, QUARTZ VEINS	D 054287	10.30	10.80	0.50	13.30	12.86
10.50	18.40	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054288	10.80	11.10	0.30	7.20	
			D 054289	11.10	11.60	0.50	0.06	
			D 054290	11.60	12.10	0.50	0.06	
			D 054291	12.10	12.40	0.30	2.78	
			D 054292	12.40	13.80	1.40	0.05	
			D 054293	13.80	14.80	1.00	0.05	
			D 054294	14.80	15.40	0.60	0.09	
			D 054296	15.40	16.00	0.60	0.26	
			D 054297	16.00	16.50	0.50	0.22	
			D 054298	16.50	17.60	1.10	0.34	
			D 054299	17.60	17.90	0.30	0.43	
			D 054300	17.90	18.40	0.50	0.05	
18.40	20.40	QVO, QUARTZ VEINS	D 054301	18.40	18.80	0.40	0.02	
		MINOR INTERVALS:	D 054302	18.80	19.10	0.30	0.05	
		Minor Interval:	D 054303	19.10	19.60	0.50	0.03	
		18.40 - 20.40 ZFZ, FAULT ZONE	D 054304	19.60	20.30	0.70	0.07	
			D 054306	20.30	20.60	0.30	0.22	

Hole Number: HC14-006

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
20.40	25.30	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054307	20.60	21.10	0.50	0.25	
			D 054308	21.10	22.60	1.50	0.02	
			D 054309	22.60	24.00	1.40	0.02	
			D 054310	24.00	24.90	0.90	0.02	
			D 054311	24.90	25.20	0.30	0.37	
			D 054312	25.20	25.40	0.20	0.17	
25.30	25.60	QVO, QUARTZ VEINS	D 054313	25.40	25.90	0.50	0.02	
25.60	28.50	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054314	25.90	27.00	1.10	0.02	
			D 054316	27.00	28.50	1.50	0.02	
28.50	34.80	VFX, Felsic Breccia	D 054317	28.50	30.00	1.50	0.02	
			D 054318	30.00	31.50	1.50	0.02	
			D 054319	31.50	33.00	1.50	0.02	
			D 054320	33.00	34.30	1.30	0.02	
			D 054321	34.30	34.80	0.50	0.02	
34.80	43.60	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054322	34.80	35.80	1.00	0.30	
			D 054323	35.80	37.30	1.50	0.02	
			D 054324	37.30	37.80	0.50	0.02	
			D 054326	42.70	43.20	0.50	0.02	
			D 054327	43.20	43.60	0.40	0.04	
43.60	50.60	VFX, Felsic Breccia	D 054328	43.60	45.00	1.40	0.07	
			D 054329	45.00	45.40	0.40	0.49	
			D 054330	45.40	45.90	0.50	0.10	
			D 054331	45.90	46.60	0.70	1.06	
			D 054332	46.60	47.20	0.60	0.27	
			D 054333	47.20	47.50	0.30	0.55	
			D 054334	47.50	48.00	0.50	0.20	
			D 054336	48.00	48.50	0.50	0.08	
			D 054337	48.50	49.20	0.70	0.02	
			D 054338	49.20	50.60	1.40	0.26	
50.60	52.20	AQO, SILICA ALTERED ROCK	D 054339	50.60	51.00	0.40	0.02	
			D 054340	51.00	52.20	1.20	0.02	
52.20	52.60	ZBX, FAULT BRECCIA	D 054341	52.20	52.60	0.40	0.02	
52.60	60.00	VMO, MAFIC VOLCANIC UNDIVIDED	D 054342	52.60	53.50	0.90	0.02	
60.00	60.01	EOH, END OF HOLE						

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054278	1.50	2.00	0.1300	
D 054279	2.00	3.00	0.5100	
D 054280	3.00	3.90	0.1200	

Hole Number: HC14-006

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054281	3.90	4.40	0.0150	
D 054282	4.40	5.90	0.0900	
D 054283	5.90	7.40	0.0150	
D 054284	7.40	8.90	0.0150	
D 054286	8.90	10.30	0.0150	
D 054287	10.30	10.80	13.3000	12.8600
D 054288	10.80	11.10	7.2000	
D 054289	11.10	11.60	0.0600	
D 054290	11.60	12.10	0.0600	
D 054291	12.10	12.40	2.7800	
D 054292	12.40	13.80	0.0500	
D 054293	13.80	14.80	0.0500	
D 054294	14.80	15.40	0.0900	
D 054296	15.40	16.00	0.2600	
D 054297	16.00	16.50	0.2200	
D 054298	16.50	17.60	0.3400	
D 054299	17.60	17.90	0.4300	
D 054300	17.90	18.40	0.0500	
D 054301	18.40	18.80	0.0150	
D 054302	18.80	19.10	0.0500	
D 054303	19.10	19.60	0.0300	
D 054304	19.60	20.30	0.0700	
D 054306	20.30	20.60	0.2200	
D 054307	20.60	21.10	0.2500	
D 054308	21.10	22.60	0.0150	
D 054309	22.60	24.00	0.0150	
D 054310	24.00	24.90	0.0150	
D 054311	24.90	25.20	0.3700	
D 054312	25.20	25.40	0.1700	
D 054313	25.40	25.90	0.0150	
D 054314	25.90	27.00	0.0150	
D 054316	27.00	28.50	0.0150	
D 054317	28.50	30.00	0.0150	
D 054318	30.00	31.50	0.0150	
D 054319	31.50	33.00	0.0150	
D 054320	33.00	34.30	0.0150	
D 054321	34.30	34.80	0.0150	
D 054322	34.80	35.80	0.3000	
D 054323	35.80	37.30	0.0150	

Hole Number: HC14-006

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054324	37.30	37.80	0.0150	
D 054326	42.70	43.20	0.0150	
D 054327	43.20	43.60	0.0400	
D 054328	43.60	45.00	0.0700	
D 054329	45.00	45.40	0.4900	
D 054330	45.40	45.90	0.1000	
D 054331	45.90	46.60	1.0600	
D 054332	46.60	47.20	0.2700	
D 054333	47.20	47.50	0.5500	
D 054334	47.50	48.00	0.2000	
D 054336	48.00	48.50	0.0800	
D 054337	48.50	49.20	0.0150	
D 054338	49.20	50.60	0.2600	
D 054339	50.60	51.00	0.0150	
D 054340	51.00	52.20	0.0150	
D 054341	52.20	52.60	0.0150	
D 054342	52.60	53.50	0.0150	

DETAILED LOG

Hole Number: HC14-007

Units: METRIC

Project Name: HOLT	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -55.00
Project Number: HOLT	North: 5369550.00	North:	Collar Az: 40.00
Location: Holloway Township	East: 594266.00	East:	Length: 63.01
	Elev: 319.00	Elev:	Start Depth: 0.00
Date Started: Mar 10, 2014	Collar Survey: N	Plugged: N	Contractor: Orbit Garant
Date Completed: Mar 11, 2014	Multishot Survey: Y	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 63.01

Comments:

Sample Averages

Detailed Lithology		Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
0.00	3.00	HPO, OVERBURDEN						
3.00	8.90	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054343	3.00	4.50	1.50	0.06	
			D 054344	4.50	6.00	1.50	0.11	
			D 054346	6.00	7.50	1.50	0.02	
			D 054347	7.50	8.90	1.40	0.04	
8.90	13.20	QVO, QUARTZ VEINS	D 054348	8.90	9.30	0.40	0.06	
			D 054349	9.30	9.90	0.60	0.02	
			D 054350	9.90	10.40	0.50	0.65	
			D 054351	10.40	11.20	0.80	0.07	
			D 054352	11.20	11.70	0.50	0.44	
			D 054353	11.70	12.10	0.40	0.02	
			D 054354	12.10	12.90	0.80	0.04	
			D 054356	12.90	13.30	0.40	0.35	
13.20	16.20	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054357	13.30	13.80	0.50	0.07	
			D 054358	13.80	15.00	1.20	0.02	
			D 054359	15.00	15.50	0.50	1.00	
			D 054360	15.50	16.20	0.70	0.02	
16.20	16.30	ZGO, GOUGE	D 054361	16.20	16.40	0.20	0.04	
16.30	18.50	VFT, FELSIC TUFF	D 054362	16.40	17.20	0.80	0.06	
			D 054363	17.20	18.50	1.30	0.03	
18.50	20.00	QVO, QUARTZ VEINS MINOR INTERVALS: Minor Interval: 18.50 - 20.00 ZFZ, FAULT ZONE	D 054364	18.50	19.00	0.50	1.60	
			D 054366	19.00	20.00	1.00	0.15	

DETAILED LOG

Hole Number: HC14-007

Units: METRIC

Detailed Lithology		Lithology	Assay Data					
From	To		Sample Number	From	To	Length	Au_Gpt_FA	Au_Gpt_GRAV
20.00	43.40	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054367	20.00	21.00	1.00	0.59	
			D 054368	21.00	22.50	1.50	0.08	
			D 054369	22.50	24.00	1.50	0.04	
			D 054370	24.00	25.50	1.50	0.02	
			D 054371	25.50	27.00	1.50	0.17	
			D 054372	33.40	34.80	1.40	0.02	
			D 054373	34.80	35.10	0.30	0.02	
			D 054374	35.10	35.70	0.60	0.02	
			D 054376	42.90	43.40	0.50	0.14	
43.40	52.70	VFX, Felsic Breccia	D 054377	43.40	43.90	0.50	0.02	
			D 054378	43.90	45.10	1.20	0.03	
			D 054379	45.10	46.10	1.00	0.04	
			D 054380	46.10	46.60	0.50	1.22	12.86
			D 054381	46.60	48.00	1.40	0.07	
			D 054382	48.00	49.50	1.50	0.03	
			D 054383	49.50	51.00	1.50	0.08	
			D 054384	51.00	52.20	1.20	0.08	
			D 054386	52.20	52.70	0.50	0.09	
52.70	58.80	VFO, FELSIC VOLCANIC, RHYOLITE,RHYODACITE	D 054387	52.70	54.20	1.50	0.11	
			D 054388	54.20	55.70	1.50	0.02	
			D 054389	55.70	57.00	1.30	0.02	
			D 054390	57.00	58.30	1.30	0.02	
			D 054391	58.30	58.80	0.50	0.02	
58.80	59.00	ZBX, FAULT BRECCIA	D 054392	58.80	59.00	0.20	0.03	
59.00	63.00	VMO, MAFIC VOLCANIC UNDIVIDED	D 054393	59.00	59.50	0.50	0.03	
			D 054394	59.50	60.00	0.50	0.02	
63.00	63.01	EOH, END OF HOLE						

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054343	3.00	4.50	0.0600	
D 054344	4.50	6.00	0.1100	
D 054346	6.00	7.50	0.0150	
D 054347	7.50	8.90	0.0400	
D 054348	8.90	9.30	0.0600	
D 054349	9.30	9.90	0.0150	
D 054350	9.90	10.40	0.6500	
D 054351	10.40	11.20	0.0700	
D 054352	11.20	11.70	0.4400	
D 054353	11.70	12.10	0.0150	

Hole Number: HC14-007

Units: METRIC

Samples

Sample Number	From	To	Au_Gpt_FA	Au_Gpt_GRAV
Sample Type	ASSAY			
D 054354	12.10	12.90	0.0400	
D 054356	12.90	13.30	0.3500	
D 054357	13.30	13.80	0.0700	
D 054358	13.80	15.00	0.0150	
D 054359	15.00	15.50	1.0000	
D 054360	15.50	16.20	0.0150	
D 054361	16.20	16.40	0.0400	
D 054362	16.40	17.20	0.0600	
D 054363	17.20	18.50	0.0300	
D 054364	18.50	19.00	1.6000	
D 054366	19.00	20.00	0.1500	
D 054367	20.00	21.00	0.5900	
D 054368	21.00	22.50	0.0800	
D 054369	22.50	24.00	0.0400	
D 054370	24.00	25.50	0.0150	
D 054371	25.50	27.00	0.1700	
D 054372	33.40	34.80	0.0150	
D 054373	34.80	35.10	0.0150	
D 054374	35.10	35.70	0.0150	
D 054376	42.90	43.40	0.1400	
D 054377	43.40	43.90	0.0150	
D 054378	43.90	45.10	0.0300	
D 054379	45.10	46.10	0.0400	
D 054380	46.10	46.60	1.2200	12.8600
D 054381	46.60	48.00	0.0700	
D 054382	48.00	49.50	0.0300	
D 054383	49.50	51.00	0.0800	
D 054384	51.00	52.20	0.0800	
D 054386	52.20	52.70	0.0900	
D 054387	52.70	54.20	0.1100	
D 054388	54.20	55.70	0.0150	
D 054389	55.70	57.00	0.0150	
D 054390	57.00	58.30	0.0150	
D 054391	58.30	58.80	0.0150	
D 054392	58.80	59.00	0.0300	
D 054393	59.00	59.50	0.0300	
D 054394	59.50	60.00	0.0150	

Appendix 2
Assay Certificates

SUMMARY REPORT

ON

DIAMOND DRILLING

On The Howie-Couchenor Property

In

Holloway Township

For

ST ANDREW GOLDFIELDS LTD

*** Certificate of analysis ***

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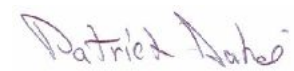
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Canada, J9X 6P2
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Date : 2014/02/25

Page : 1 of 6

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40809
	Your order number : 4500001559
	Project :
	Total number of samples : 97

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053701	1.95	1.90
D053702	1.05	
D053703	0.95	
Blk-01	<0.03	
D053704	<0.03	
D053705	0.51	
D053706	<0.03	
SE68-01	0.59	
D053707	<0.03	
D053708	<0.03	
D053709	0.04	
D053710	0.06	
D053711	0.08	
D053712	0.24	
D053713	0.18	0.19
D053714	0.06	
D053715	<0.03	
D053716	<0.03	
D053717	<0.03	
D053718	<0.03	


Patrick Dubé, Assistant Manager

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Page : 2 of 6

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40809 Your order number : 4500001559 Project :
	Total number of samples : 97

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053719	<0.03	
D053720	<0.03	
D053721	0.96	
D053722	<0.03	
D053723	<0.03	
D053724	<0.03	
D053725	0.86	0.86
D053726	0.05	
D053727	0.83	
D053728	0.14	
D053729	<0.03	
D053730	0.03	
Blk-02	<0.03	
D053731	0.03	
D053732	0.72	
D053733	<0.03	
SG66-01	1.09	
D053734	0.03	
D053735	<0.03	
D053736	<0.03	

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Page : 3 of 6

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40809 Your order number : 4500001559 Project :
	Total number of samples : 97

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053737	0.64	0.64
D053738	0.04	
D053739	<0.03	
D053740	<0.03	
D053741	<0.03	
D053742	<0.03	
D053743	<0.03	
D053744	0.03	
D053745	1.13	
D053746	<0.03	
D053747	0.03	
D053748	0.05	
D053749	3.57	3.45
D053750	1.27	
D053751	0.26	
D053752	0.49	
D053753	0.13	
D053754	0.10	
D053755	<0.03	
D053756	0.08	

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Page : 4 of 6

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40809 Your order number : 4500001559 Project :
	Total number of samples : 97

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053757	0.10	
Blk-04	<0.03	
D053758	0.10	
D053759	<0.03	
D053760	0.06	
SE68-02	0.58	
D053761	0.12	0.11
D053762	0.31	
D053763	0.30	
D053764	0.08	
D053765	0.53	
D053766	1.27	
D053767	0.03	
D053768	0.05	
D053769	11.76	11.83
D053770	0.22	
D053771	0.19	
D053772	0.03	
D053773	0.04	0.03
D053774	0.38	

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Page : 5 of 6

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40809 Your order number : 4500001559 Project :
	Total number of samples : 97

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053775	<0.03	
D053776	<0.03	
D053777	<0.03	
D053778	0.04	
D053779	1.77	
D053780	<0.03	
D053781	0.11	
D053782	<0.03	
D053783	<0.03	
D053784	<0.03	
Blk-03	<0.03	
D053785	1.83	1.77
D053786	0.29	
D053787	0.05	
SG66-02	1.07	
D053788	<0.03	
D053789	<0.03	
D053790	<0.03	
D053791	0.11	
D053792	0.31	

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Page : 6 of 6

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40809 Your order number : 4500001559 Project :
	Total number of samples : 97

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053793	<0.03	
D053794	<0.03	
D053795	<0.03	
D053796	<0.03	
D053797	0.06	0.05

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Page : 1 of 1

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40812
	Your order number : 4500001559
	Project :
	Total number of samples : 14

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053937	0.18	0.17
D053938	0.51	
D053939	1.94	
D053940	0.81	
D053941	0.12	
Blk-01	<0.03	
D053942	0.04	
D053943	0.03	
D053944	<0.03	
SE68-01	0.60	
D053945	0.85	
D053946	<0.03	
D053947	<0.03	
D053948	<0.03	
D053949	0.13	0.12
D053950	<0.03	

Patrick Dubé

Patrick Dubé, Assistant Manager

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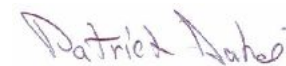
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Page : 1 of 4

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40820
	Your order number : 4500001559
	Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053798	<0.03	<0.03
Blk-01	<0.03	
D053799	<0.03	
D053800	<0.03	
D053801	<0.03	
SE68-01	0.58	
D053802	<0.03	
D053803	<0.03	
D053804	<0.03	
D053805	0.87	
D053806	<0.03	
D053807	<0.03	
D053808	1.93	
D053809	0.08	
D053810	0.04	0.03
D053811	0.15	
D053812	0.07	
D053813	0.95	
D053814	0.27	
D053815	<0.03	



Patrick Dubé, Assistant Manager

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Page : 2 of 4

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40820 Your order number : 4500001559 Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053816	0.47	
D053817	0.05	
D053818	0.03	
D053819	<0.03	
D053820	<0.03	
D053821	<0.03	
D053822	<0.03	<0.03
D053823	0.08	
D053824	<0.03	
D053825	1.10	
Blk-02	<0.03	
D053826	0.07	
D053827	0.17	
D053828	1.76	
SG66-01	1.08	
D053829	<0.03	
D053830	<0.03	
D053831	<0.03	
D053832	<0.03	
D053833	<0.03	

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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40820
	Your order number : 4500001559
	Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053834	<0.03	<0.03
D053835	<0.03	
D053836	<0.03	
D053837	<0.03	
D053838	1.19	
D053839	0.05	
D053840	0.03	
D053841	<0.03	
D053842	<0.03	
D053843	0.03	
D053844	0.05	
D053845	1.13	
D053846	<0.03	<0.03
D053847	<0.03	
D053848	<0.03	
D053849	3.73	
D053850	<0.03	
D053851	0.06	
D053852	<0.03	
Blk-03	<0.03	

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Page : 4 of 4

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40820
	Your order number : 4500001559
	Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053853	<0.03	

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Page : 1 of 4

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40821
	Your order number : 4500001559
	Project :
	Total number of samples : 63

<u>Designation</u>	<u>Au FA-GRAV g/t 0.03</u>	<u>Au-Dup FA-GRAV g/t 0.03</u>
D053854	<0.03	<0.03
D053855	<0.03	
D053856	<0.03	
D053857	<0.03	
D053858	<0.03	
D053859	<0.03	
D053860	<0.03	
D053861	<0.03	
D053862	<0.03	
D053863	<0.03	
D053864	<0.03	
D053865	0.51	
D053866	<0.03	<0.03
D053867	0.03	
D053868	<0.03	
D053869	<0.03	
D053870	<0.03	
D053871	<0.03	
D053872	<0.03	
D053873	<0.03	



Joe Landers, Manager

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Page : 2 of 4

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40821 Your order number : 4500001559 Project :
	Total number of samples : 63

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053874	<0.03	
Blk-01	<0.03	
D053875	<0.03	
D053876	<0.03	
D053877	<0.03	
SG66-01	1.08	
D053878	0.05	0.04
D053879	0.10	
D053880	<0.03	
D053881	<0.03	
D053882	<0.03	
D053883	<0.03	
D053884	<0.03	
D053885	2.47	
D053886	0.03	
D053887	0.10	
D053888	0.35	
D053889	0.05	
D053890	0.06	0.06
D053891	1.70	

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Page : 3 of 4

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40821
	Your order number : 4500001559
	Project :
	Total number of samples : 63

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053892	0.03	
D053893	7.95	
D053894	0.42	
D053895	<0.03	
D053896	1.20	
D053897	1.36	
D053898	18.75	19.92
D053899	0.09	
D053900	0.04	
D053901	0.06	
Blk-02	<0.03	
D053902	<0.03	<0.03
D053903	0.03	
D053904	<0.03	
SE68-01	0.59	
D053905	0.52	
D053906	<0.03	
D053907	<0.03	
D053908	<0.03	
D053909	<0.03	

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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40821
	Your order number : 4500001559
	Project :
	Total number of samples : 63

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053910	0.15	
D053911	0.25	
D053912	31.58	32.33
D053913	0.04	
D053914	0.07	0.06
D053915	<0.03	
D053916	<0.03	

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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40822 Your order number : 4500001559 Project :
	Total number of samples : 20

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053917	<0.03	<0.03
D053918	<0.03	
D053919	<0.03	
D053920	<0.03	
D053921	<0.03	
D053922	<0.03	
Blk-01	<0.03	
D053923	0.14	
D053924	0.22	
D053925	2.26	
SG66-01	1.08	
D053926	0.03	
D053927	0.04	
D053928	<0.03	
D053929	<0.03	<0.03
D053930	<0.03	
D053931	1.32	
D053932	<0.03	
D053933	<0.03	
D053934	0.95	



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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40822
	Your order number : 4500001559
	Project :
	Total number of samples : 20

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053935	<0.03	
D053936	0.94	

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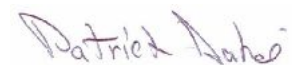
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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40856
	Your order number : 4500001559
	Project :
	Total number of samples : 5

<u>Designation</u>	<u>Spec. Grav. DEN-1 ...</u>
D054000	2.64
D054001	2.65
D054002	2.59
D054003	2.72
D054004	2.74


Patrick Dubé, Assistant Manager

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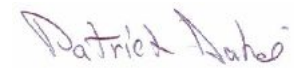
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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40858 Your order number : 4500001559 Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053951	<0.03	<0.03
D053952	<0.03	
D053953	<0.03	
D053954	<0.03	
D053955	<0.03	
D053956	<0.03	
D053957	0.06	
D053958	<0.03	
D053959	<0.03	
D053960	0.04	
Blk-01	<0.03	
D053961	<0.03	
D053962	<0.03	
D053963	<0.03	<0.03
SE68-01	0.59	
D053964	<0.03	
D053965	1.10	
D053966	<0.03	
D053967	0.90	
D053968	<0.03	


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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40858 Your order number : 4500001559 Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053969	<0.03	
D053970	<0.03	
D053971	<0.03	
D053972	<0.03	
D053973	0.05	
D053974	0.13	
D053975	<0.03	<0.03
D053976	0.17	
D053977	3.94	
D053978	0.55	
D053979	2.06	
D053980	0.35	
D053981	0.27	
D053982	0.04	
D053983	0.16	
D053984	0.04	
D053985	2.23	
D053986	0.11	
D053987	0.06	0.07
Blk-02	<0.03	

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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40858 Your order number : 4500001559 Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053988	0.05	
D053989	<0.03	
D053990	<0.03	
SG66-01	1.10	
D053991	0.88	
D053992	0.28	
D053993	0.07	
D053994	1.29	
D053995	<0.03	
D053996	1.22	
D053997	0.52	
D053998	0.58	
D053999	1.30	1.29
D054000	<0.03	
D054001	<0.03	
D054002	0.53	
D054003	1.99	
D054004	0.23	
D054005	1.00	
D054006	1.37	

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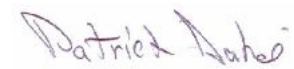
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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40859 Your order number : 4500001559 Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054007	0.24	0.22
D054008	<0.03	
D054009	0.03	
D054010	<0.03	
D054011	0.04	
D054012	<0.03	
D054013	0.83	
D054014	4.77	
D054015	<0.03	
D054016	0.07	
D054017	0.09	
D054018	<0.03	
D054019	0.06	0.05
D054020	0.07	
D054021	<0.03	
D054022	1.61	
D054023	14.88	15.77
D054024	0.26	
D054025	0.52	
D054026	0.03	


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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40859 Your order number : 4500001559 Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054027	0.11	
D054028	1.02	
D054029	<0.03	
D054030	0.05	
Blk-01	<0.03	
D054031	0.24	0.23
D054032	0.48	
D054033	0.12	
SG66-01	1.08	
D054034	<0.03	
D054035	<0.03	
D054036	0.04	
D054037	1.52	
D054038	0.05	
D054039	0.10	
D054040	0.10	
D054041	0.05	
D054042	0.25	
D054043	<0.03	<0.03
D054044	<0.03	

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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40859 Your order number : 4500001559 Project :
	Total number of samples : 56

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054045	2.16	
D054046	<0.03	
D054047	<0.03	
D054048	0.04	
D054049	<0.03	
D054050	0.29	
D054051	0.05	
D054052	0.41	
D054053	<0.03	
D054054	0.39	
D054055	<0.03	<0.03
D054056	0.04	
D054057	0.36	
D054058	0.04	
D054059	0.03	
D054060	<0.03	
D054061	<0.03	
D054062	1.61	

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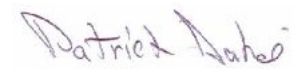
Date : 2014/03/10

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Client : St-Andrew / Holt Exploration Project	Reassays folder 40809
Addressee : J.V Bonhomme	Folder : 40866
	Your order number : 4500001559
	Project : NONE
	Total number of samples : 19

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053779	1.81	1.73
D053780	<0.03	
D053781	0.13	
Blk-01	<0.03	
D053782	<0.03	
D053783	<0.03	
D053784	<0.03	
SE68-01	0.59	
D053785	----- I.S	
D053786	0.27	
D053787	0.04	
D053788	<0.03	
D053789	<0.03	
D053790	<0.03	
D053791	0.09	0.10
D053792	0.29	
D053793	<0.03	
D053794	<0.03	
D053795	<0.03	
D053796	0.03	

I.S Insufficient sample


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Client : St-Andrew / Holt Exploration Project	Reassays folder 40809
Addressee : J.V Bonhomme	Folder : 40866
	Your order number : 4500001559
	Project : NONE
	Total number of samples : 19

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053797	0.03	

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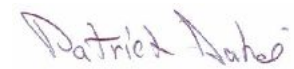
Date : 2014/03/10

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Client : St-Andrew / Holt Exploration Project	Reassays folder 40821
Addressee : J.V Bonhomme	Folder : 40867
	Your order number : 4500001559
	Project : NONE
	Total number of samples : 26

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053869	<0.03	<0.03
D053870	<0.03	
D053871	<0.03	
D053872	<0.03	
D053873	<0.03	
Blk-01	<0.03	
D053874	<0.03	
D053875	<0.03	
D053876	<0.03	
SG66-01	1.08	
D053877	<0.03	
D053878	0.04	
D053879	0.12	
D053880	<0.03	
D053881	<0.03	<0.03
D053882	<0.03	
D053883	<0.03	
D053884	0.03	
D053885	----- I.S	
D053886	0.04	

I.S Insufficient sample


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Client : St-Andrew / Holt Exploration Project	Reassays folder 40821
Addressee : J.V Bonhomme	Folder : 40867
	Your order number : 4500001559
	Project : NONE
	Total number of samples : 26

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D053887	0.08	
D053888	0.33	
D053889	0.04	
D053890	0.05	
D053891	1.89	
D053892	0.04	
D053893	8.30	8.16
D053894	0.45	

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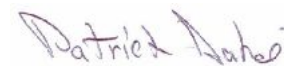
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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40892
	Your order number : 4500001559
	Project :
	Total number of samples : 23

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054063	<0.03	<0.03
Blk-01	<0.03	
D054064	3.67	
D054065	0.87	
D054066	<0.03	
SE68-01	0.60	
D054067	0.05	
D054068	0.06	
D054069	<0.03	
D054070	<0.03	
D054071	<0.03	
D054072	<0.03	
D054073	0.37	
D054074	0.06	
D054075	<0.03	<0.03
D054076	<0.03	
D054077	0.15	
D054078	<0.03	
D054079	0.15	
D054080	2.19	



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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40892
	Your order number : 4500001559
	Project :
	Total number of samples : 23

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054081	<0.03	
D054082	<0.03	
D054083	<0.03	
D054084	<0.03	
D054085	1.20	

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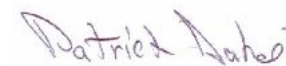
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Page : 1 of 2

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40893
	Your order number : 4500001559
	Project :
	Total number of samples : 35

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054086	<0.03	<0.03
D054087	<0.03	
D054088	0.08	
Blk-01	<0.03	
D054089	<0.03	
D054090	<0.03	
D054091	<0.03	
SG66-01	1.08	
D054092	<0.03	
D054093	0.21	
D054094	<0.03	
D054095	<0.03	
D054096	<0.03	
D054097	<0.03	
D054098	<0.03	<0.03
D054099	<0.03	
D054100	<0.03	
D054101	<0.03	
D054102	<0.03	
D054103	<0.03	



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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40893 Your order number : 4500001559 Project :
	Total number of samples : 35

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054104	<0.03	
D054105	0.87	
D054106	<0.03	
D054107	<0.03	
D054108	<0.03	
D054109	<0.03	
D054110	<0.03	<0.03
D054111	<0.03	
D054112	<0.03	
D054113	<0.03	
D054114	<0.03	
D054115	<0.03	
Blk-02	<0.03	
D054116	<0.03	
D054117	<0.03	
D054118	<0.03	
SE68-01	0.59	
D054119	<0.03	
D054120	<0.03	

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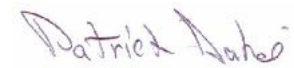
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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40905 Your order number : 4500001559 Project :
	Total number of samples : 35

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
SG66-01	1.08	
D054121	<0.03	<0.03
D054122	<0.03	
D054123	7.13	
D054124	<0.03	
D054125	0.85	
D054126	<0.03	
D054127	<0.03	
D054128	<0.03	
D054129	0.15	
D054130	<0.03	
D054131	0.91	
D054132	<0.03	
D054133	<0.03	<0.03
D054134	0.06	
D054135	<0.03	
D054136	0.42	
D054137	<0.03	
D054138	<0.03	
D054139	0.03	


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Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40905 Your order number : 4500001559 Project :
	Total number of samples : 35

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054140	0.06	
D054141	<0.03	
D054142	0.04	
D054143	<0.03	
Blk-01	<0.03	
D054144	0.05	
D054145	0.51	0.51
D054146	<0.03	
SE68-01	0.60	
D054147	<0.03	
D054148	0.12	
D054149	0.06	
D054150	0.06	
D054151	0.13	
D054152	<0.03	
D054153	0.08	
D054154	<0.03	
D054155	<0.03	

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Date : 2014/03/19

Page : 1 of 5

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40911 Your order number : 4500001559 Project :
	Total number of samples : 77

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054156	<0.03	<0.03
Blk-01	<0.03	
D054157	<0.03	
D054158	0.11	
D054159	<0.03	
SG66-01	1.08	
D054160	<0.03	
D054161	<0.03	
D054162	<0.03	
D054163	<0.03	
D054164	<0.03	
D054165	1.03	
D054166	<0.03	
D054167	<0.03	
D054168	<0.03	<0.03
D054169	<0.03	
D054170	1.06	
D054171	<0.03	
D054172	<0.03	
D054173	<0.03	

Patrick Dubé, Assistant Manager

*** Certificate of analysis ***

Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2014/03/19

Page : 2 of 5

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40911 Your order number : 4500001559 Project :
	Total number of samples : 77

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054174	<0.03	
D054175	<0.03	
D054176	<0.03	
D054177	<0.03	
D054178	<0.03	
D054179	<0.03	
D054180	0.15	0.14
D054181	<0.03	
D054182	<0.03	
D054183	<0.03	
Blk-02	<0.03	
D054184	<0.03	
D054185	0.51	
D054186	0.36	
SE68-01	0.58	
D054187	<0.03	
D054188	<0.03	
D054189	<0.03	
D054190	<0.03	
D054191	<0.03	

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Date : 2014/03/19

Page : 3 of 5

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40911
	Your order number : 4500001559
	Project :
	Total number of samples : 77

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054192	<0.03	<0.03
D054193	<0.03	
D054194	<0.03	
D054195	<0.03	
D054196	<0.03	
D054197	<0.03	
D054198	<0.03	
D054199	0.06	
D054200	<0.03	
D054201	<0.03	
D054202	<0.03	
D054203	<0.03	
D054204	<0.03	<0.03
D054205	0.52	
D054206	<0.03	
D054207	<0.03	
D054208	<0.03	
D054209	0.56	
D054210	2.40	
Blk-03	<0.03	

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Date : 2014/03/19

Page : 4 of 5

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40911 Your order number : 4500001559 Project :
	Total number of samples : 77

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054211	0.69	
D054212	<0.03	
D054213	0.08	
SG66-02	1.09	
D054214	<0.03	
D054215	<0.03	
D054216	0.09	0.10
D054217	0.06	
D054218	0.37	
D054219	<0.03	
D054220	0.05	
D054221	0.04	
D054222	0.10	
D054223	0.09	
D054224	0.58	
D054225	0.85	
D054226	0.06	
D054227	<0.03	
D054228	0.06	0.06
D054229	0.47	

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Laboratoire Expert Inc.

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Date : 2014/03/19

Page : 5 of 5

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40911
	Your order number : 4500001559
	Project :
	Total number of samples : 77

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054230	0.05	
D054231	<0.03	
D054232	<0.03	

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Date : 2014/03/26

Page : 1 of 2

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40973 Your order number : 4500001559 Project :
	Total number of samples : 24

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054396	<0.03	<0.03
D054397	<0.03	
D054398	<0.03	
D054399	<0.03	
Blk-01	<0.03	
D054400	<0.03	
D054401	<0.03	
D054402	<0.03	
OXG104-01	0.92	
D054403	<0.03	
D054404	0.11	
D054405	0.85	
D054406	0.06	
D054407	0.36	
D054408	0.28	0.26
D054409	0.09	
D054410	0.05	
D054411	<0.03	
D054412	<0.03	
D054413	0.05	

Patrick Dubé, Assistant Manager

***** Certificate of analysis *****

Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
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Date : 2014/03/26

Page : 2 of 2

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40973
	Your order number : 4500001559
	Project :
	Total number of samples : 24

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054414	<0.03	
D054415	<0.03	
D054416	<0.03	
D054417	<0.03	
D054418	0.03	
D054419	0.12	

*** Certificate of analysis ***

Laboratoire Expert Inc.

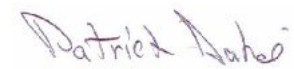
127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2014/03/27

Page : 1 of 3

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40974 Your order number : 4500001559 Project :
	Total number of samples : 45

<u>Designation</u>	<u>Au FA-GRAV g/t 0.03</u>	<u>Au-Dup FA-GRAV g/t 0.03</u>
D054233	<0.03	<0.03
D054234	<0.03	
D054235	<0.03	
D054236	<0.03	
D054237	<0.03	
Blk-01	<0.03	
D054238	<0.03	
D054239	<0.03	
D054240	0.03	
SE68-01	0.59	
D054241	<0.03	
D054242	<0.03	
D054243	<0.03	
D054244	<0.03	
D054245	0.49	0.51
D054246	0.26	
D054247	<0.03	
D054248	<0.03	
D054249	0.16	
D054250	0.11	


Patrick Dubé, Assistant Manager

*** Certificate of analysis ***

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Rouyn-Noranda, Québec
Canada, J9X 6P2
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Date : 2014/03/27

Page : 2 of 3

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40974
	Your order number : 4500001559
	Project :
	Total number of samples : 45

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054251	<0.03	
D054252	0.06	
D054253	<0.03	
D054254	<0.03	
D054255	<0.03	
D054256	0.24	
D054257	<0.03	<0.03
D054258	<0.03	
D054259	<0.03	
D054260	<0.03	
D054261	<0.03	
D054262	<0.03	
D054263	<0.03	
D054264	0.05	
Blk-02	<0.03	
D054265	2.18	
D054266	0.05	
D054267	<0.03	
OXG104-01	0.92	
D054268	<0.03	

***** Certificate of analysis *****

Laboratoire Expert Inc.

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Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2014/03/27

Page : 3 of 3

Client : St-Andrew / Holt Exploration Project	
Addressee : J.V Bonhomme	Folder : 40974 Your order number : 4500001559 Project :
	Total number of samples : 45

<u>Designation</u>	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
D054269	<0.03	<0.03
D054270	<0.03	
D054271	<0.03	
D054272	<0.03	
D054273	<0.03	
D054274	<0.03	
D054275	<0.03	
D054276	<0.03	
D054277	<0.03	

Appendix 3
QA/QC Report

SUMMARY REPORT

ON

DIAMOND DRILLING

On The Howie-Couchenor Property

In

Holloway Township

For

ST ANDREW GOLDFIELDS LTD

HC14
QAQC DATA

Hole No.	Certif No.	Certif Date	Sample No.	Lab Result	Fail	Std/Blank	Actual Value	Upper Limit	Lower Limit
HC14-001	40809	25-Feb-14	D 053705	0.510	Pass	OR-502	0.491	0.551	0.431
HC14-001	40809	25-Feb-14	D 053715	0.015	Pass	BLANK	0.0015	0.08	0
HC14-001	40809	25-Feb-14	D 053725	0.860	Pass	OR-203	0.871	0.961	0.781
HC14-001	40809	25-Feb-14	D 053735	0.015	Pass	BLANK	0.0015	0.08	0
HC14-001	40809	25-Feb-14	D 053745	1.130	Pass	OR-204	1.043	1.158	0.927
HC14-001	40809	25-Feb-14	D 053755	0.015	Pass	BLANK	0.0015	0.08	0
HC14-001	40809	25-Feb-14	D 053765	0.530	Pass	OR-502	0.491	0.551	0.431
HC14-001	40809	25-Feb-14	D 053775	0.015	Pass	BLANK	0.0015	0.08	0
HC14-001	40809	25-Feb-14	D 053785	1.800	Fail	OR-206	2.197	2.44	1.954
HC14-001	40809	25-Feb-14	D 053795	0.015	Pass	BLANK	0.0015	0.08	0
HC14-002	40820	28-Feb-14	D 053805	0.870	Pass	OR-203	0.871	0.961	0.781
HC14-002	40820	28-Feb-14	D 053815	0.015	Pass	BLANK	0.0015	0.08	0
HC14-002	40820	28-Feb-14	D 053825	1.100	Pass	OR-204	1.043	1.158	0.927
HC14-002	40820	28-Feb-14	D 053835	0.015	Pass	BLANK	0.0015	0.08	0
HC14-002	40820	28-Feb-14	D 053845	1.130	Pass	OR-204	1.043	1.158	0.927
HC14-002	40821	3-Mar-14	D 053855	0.015	Pass	BLANK	0.0015	0.08	0
HC14-002	40821	3-Mar-14	D 053865	0.510	Pass	OR-502	0.491	0.551	0.431
HC14-002	40821	3-Mar-14	D 053875	0.015	Pass	BLANK	0.0015	0.08	0
HC14-002	40821	3-Mar-14	D 053885	2.470	Fail	OR-206	2.197	2.44	1.954
HC14-002	40821	3-Mar-14	D 053895	0.015	Pass	BLANK	0.0015	0.08	0
HC14-002	40821	3-Mar-14	D 053905	0.520	Pass	OR-502	0.491	0.551	0.431
HC14-002	40821	3-Mar-14	D 053915	0.015	Pass	BLANK	0.0015	0.08	0
HC14-002	40822	4-Mar-14	D 053925	2.260	Pass	OR-206	2.197	2.44	1.954
HC14-002	40822	4-Mar-14	D 053935	0.015	Pass	BLANK	0.0015	0.08	0
HC14-002	40812	25-Feb-14	D 053945	0.850	Pass	OR-203	0.871	0.961	0.781
HC14-003	40858	7-Mar-14	D 053955	0.015	Pass	BLANK	0.0015	0.08	0
HC14-003	40858	7-Mar-14	D 053965	1.100	Pass	OR-204	1.043	1.158	0.927
HC14-003	40858	7-Mar-14	D 053975	0.015	Pass	BLANK	0.0015	0.08	0
HC14-003	40858	7-Mar-14	D 053985	2.230	Pass	OR-206	2.197	2.44	1.954
HC14-003	40858	7-Mar-14	D 053995	0.015	Pass	BLANK	0.0015	0.08	0
HC14-003	40858	7-Mar-14	D 054005	1.000	Pass	OR-204	1.043	1.158	0.927
HC14-003	40859	7-Mar-14	D 054015	0.015	Pass	BLANK	0.0015	0.08	0
HC14-003	40859	7-Mar-14	D 054025	0.520	Pass	OR-502	0.491	0.551	0.431
HC14-003	40859	7-Mar-14	D 054035	0.015	Pass	BLANK	0.0015	0.08	0
HC14-003	40859	7-Mar-14	D 054045	2.160	Pass	OR-206	2.197	2.44	1.954
HC14-003	40859	7-Mar-14	D 054055	0.015	Pass	BLANK	0.0015	0.08	0
HC14-003	40892	17-Mar-14	D 054065	0.870	Pass	OR-203	0.871	0.961	0.781
HC14-003	40892	17-Mar-14	D 054075	0.015	Pass	BLANK	0.0015	0.08	0
HC14-003	40892	17-Mar-14	D 054085	1.200	Fail	OR-204	1.043	1.158	0.927
HC14-004	40893	13-Mar-14	D 054095	0.015	Pass	BLANK	0.0015	0.08	0
HC14-004	40893	13-Mar-14	D 054105	0.870	Pass	OR-203	0.871	0.961	0.781
HC14-004	40893	13-Mar-14	D 054115	0.015	Pass	BLANK	0.0015	0.08	0
HC14-004	40905	17-Mar-14	D 054125	0.850	Pass	OR-203	0.871	0.961	0.781
HC14-004	40905	17-Mar-14	D 054135	0.015	Pass	BLANK	0.0015	0.08	0
HC14-004	40905	17-Mar-14	D 054145	0.510	Pass	OR-502	0.491	0.551	0.431
HC14-004	40905	17-Mar-14	D 054155	0.015	Pass	BLANK	0.0015	0.08	0
HC14-005	40911	19-Mar-14	D 054165	1.030	Pass	OR-204	1.043	1.158	0.927
HC14-005	40911	19-Mar-14	D 054175	0.015	Pass	BLANK	0.0015	0.08	0
HC14-005	40911	19-Mar-14	D 054185	0.510	Pass	OR-502	0.491	0.551	0.431
HC14-005	40911	19-Mar-14	D 054195	0.015	Pass	BLANK	0.0015	0.08	0
HC14-005	40911	19-Mar-14	D 054205	0.520	Pass	OR-502	0.491	0.551	0.431
HC14-005	40911	19-Mar-14	D 054215	0.015	Pass	BLANK	0.0015	0.08	0
HC14-005	40911	19-Mar-14	D 054225	0.850	Pass	OR-203	0.871	0.961	0.781
HC14-005	40974	27-Mar-14	D 054235	0.015	Pass	BLANK	0.0015	0.08	0
HC14-005	40974	27-Mar-14	D 054245	0.500	Pass	OR-502	0.491	0.551	0.431
HC14-005	40974	27-Mar-14	D 054255	0.015	Pass	BLANK	0.0015	0.08	0
HC14-005	40974	27-Mar-14	D 054265	2.180	Pass	OR-206	2.197	2.44	1.954
HC14-005	40974	27-Mar-14	D 054275	0.015	Pass	BLANK	0.0015	0.08	0
HC14-006	41016	10-Apr-14	D 054285	0.860	Pass	OR-203	0.871	0.961	0.781
HC14-006	41016	10-Apr-14	D 054295	0.015	Pass	BLANK	0.0015	0.08	0
HC14-006	41016	10-Apr-14	D 054305	1.100	Pass	OR-204	1.043	1.158	0.927
HC14-006	41017	9-Apr-14	D 054315	0.015	Pass	BLANK	0.0015	0.08	0
HC14-006	41017	9-Apr-14	D 054325	0.510	Pass	OR-502	0.491	0.551	0.431
HC14-006	41017	9-Apr-14	D 054335	0.015	Pass	BLANK	0.0015	0.08	0
HC14-007	41044	15-Apr-14	D 054345	1.030	Pass	OR-204	1.043	1.158	0.927
HC14-007	41044	15-Apr-14	D 054355	0.015	Pass	BLANK	0.0015	0.08	0
HC14-007	41044	15-Apr-14	D 054365	2.160	Pass	OR-206	2.197	2.44	1.954
HC14-007	41045	15-Apr-14	D 054375	0.015	Pass	BLANK	0.0015	0.08	0
HC14-007	41045	15-Apr-14	D 054385	0.520	Pass	OR-502	0.491	0.551	0.431
HC14-007	41045	15-Apr-14	D 054395	0.015	Pass	BLANK	0.0015	0.08	0

Appendix 4
Drill Hole Sections

SUMMARY REPORT

ON

DIAMOND DRILLING

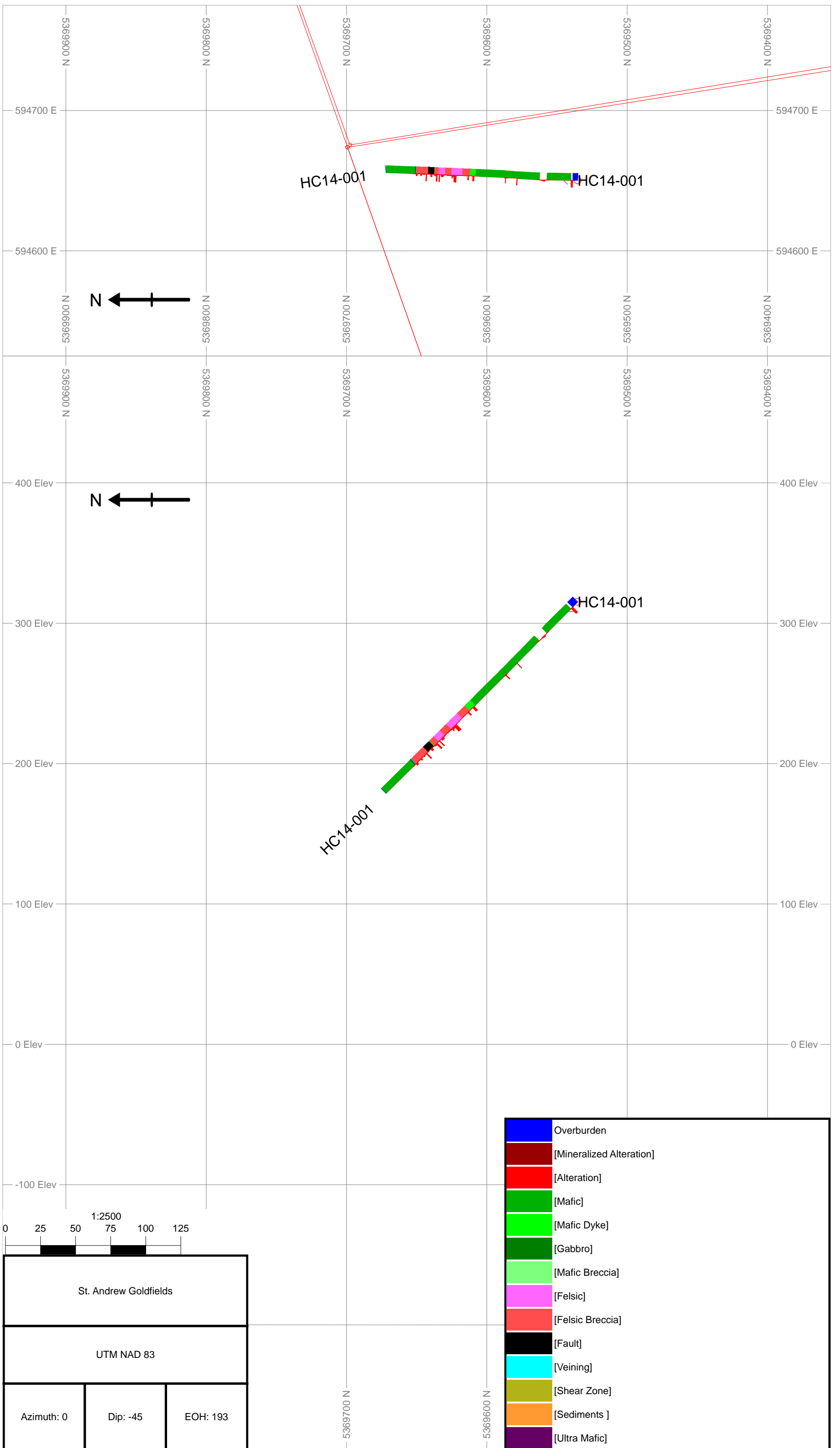
On The Howie-Couchenor Property

IN

Holloway Township

For

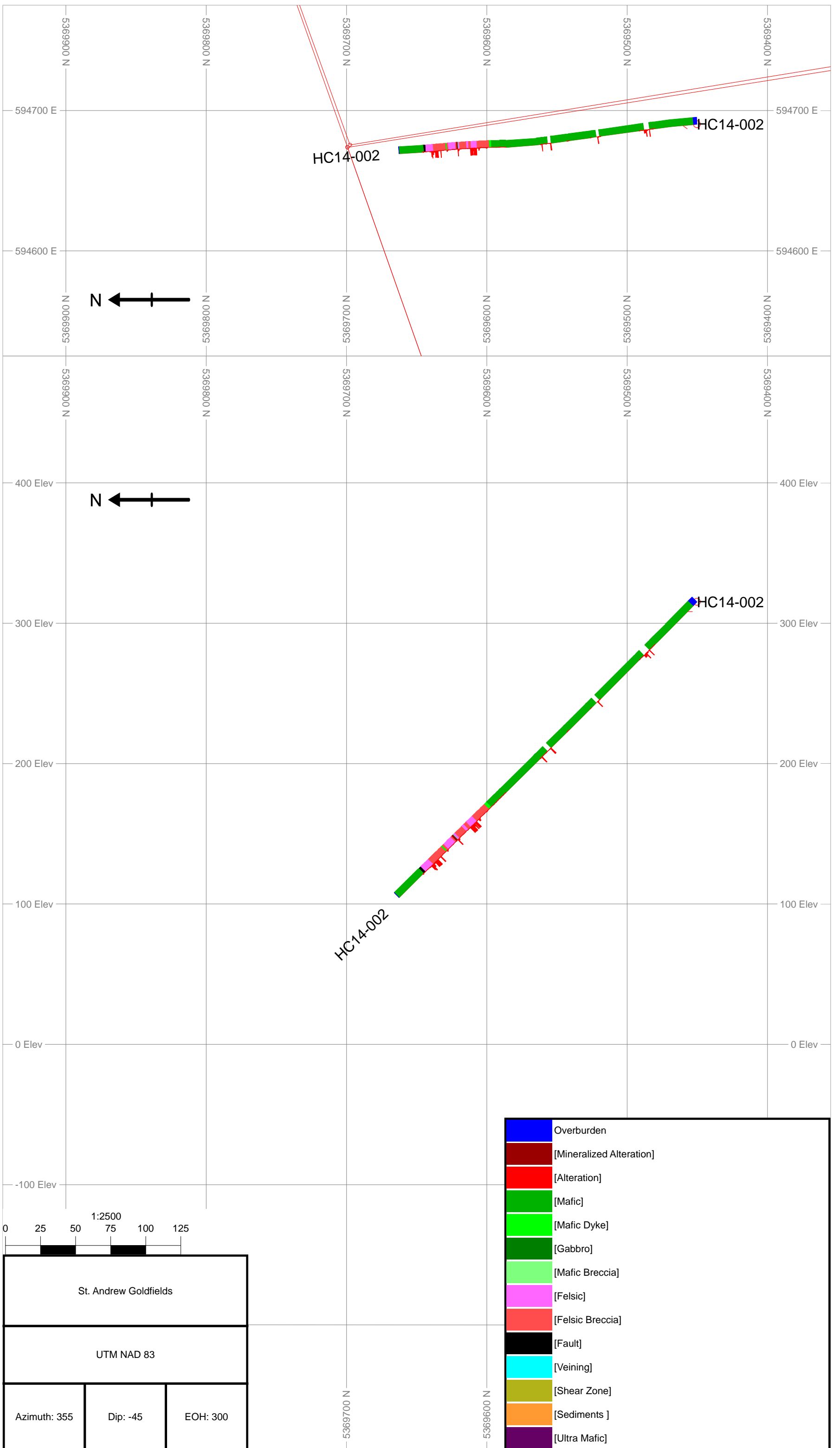
ST ANDREW GOLDFIELDS LTD



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0 25 50 75 100 125

St. Andrew Goldfields		
UTM NAD 83		
Azimuth: 0	Dip: -45	EOH: 193

	Overburden
	[Mineralized Alteration]
	[Alteration]
	[Mafic]
	[Mafic Dyke]
	[Gabbro]
	[Mafic Breccia]
	[Felsic]
	[Felsic Breccia]
	[Fault]
	[Veining]
	[Shear Zone]
	[Sediments]
	[Ultra Mafic]



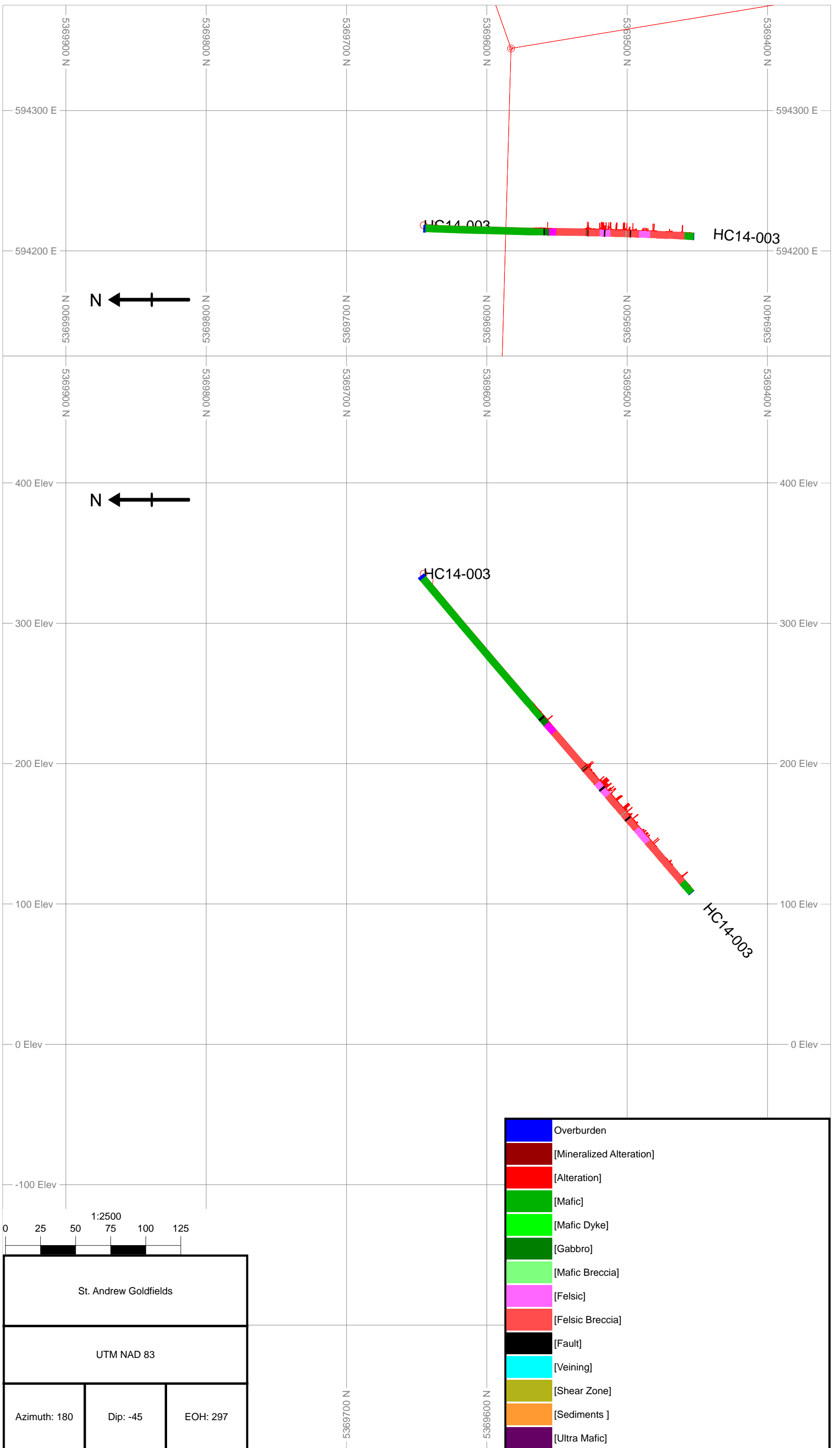
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0 25 50 75 100 125

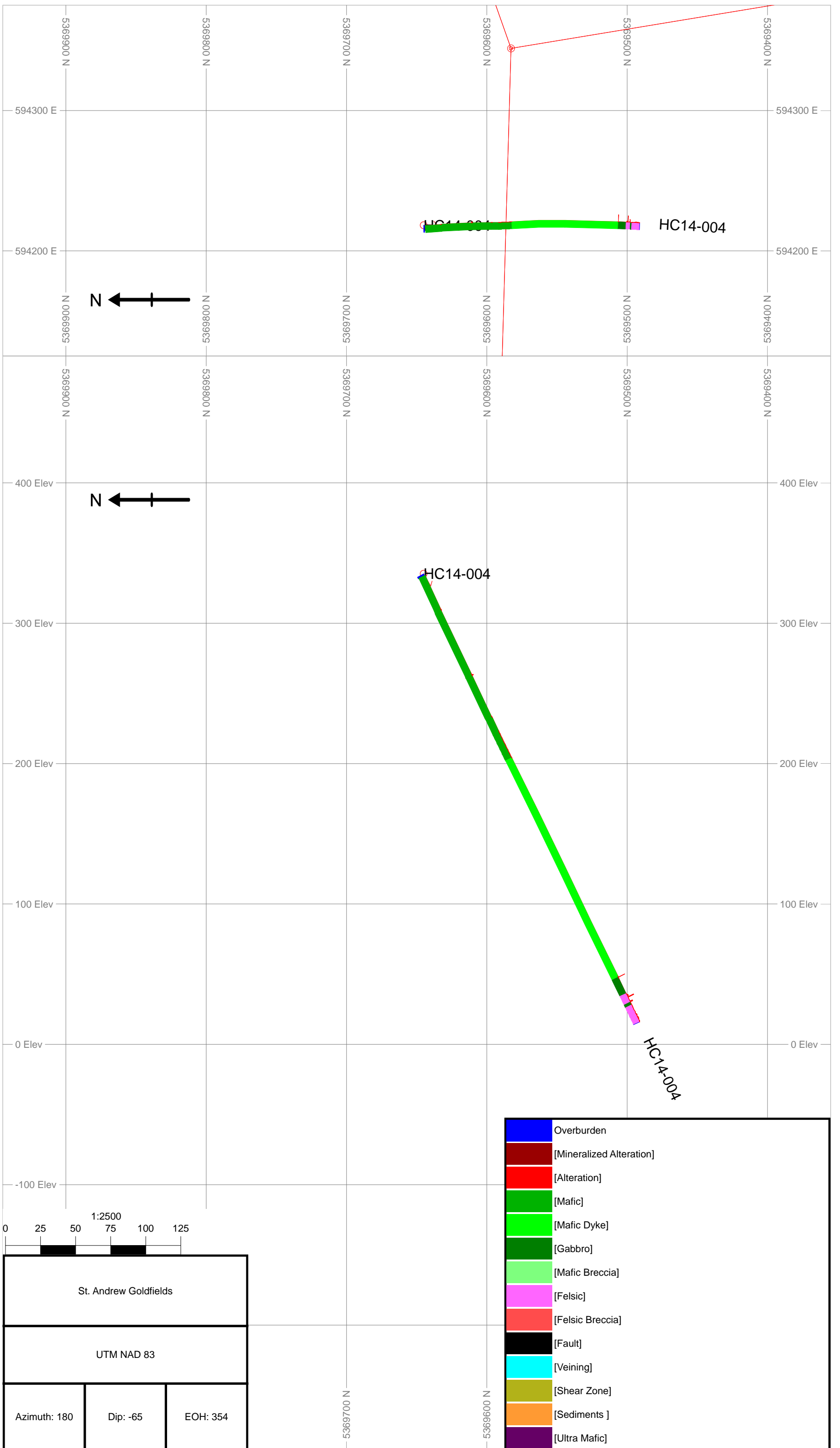
St. Andrew Goldfields

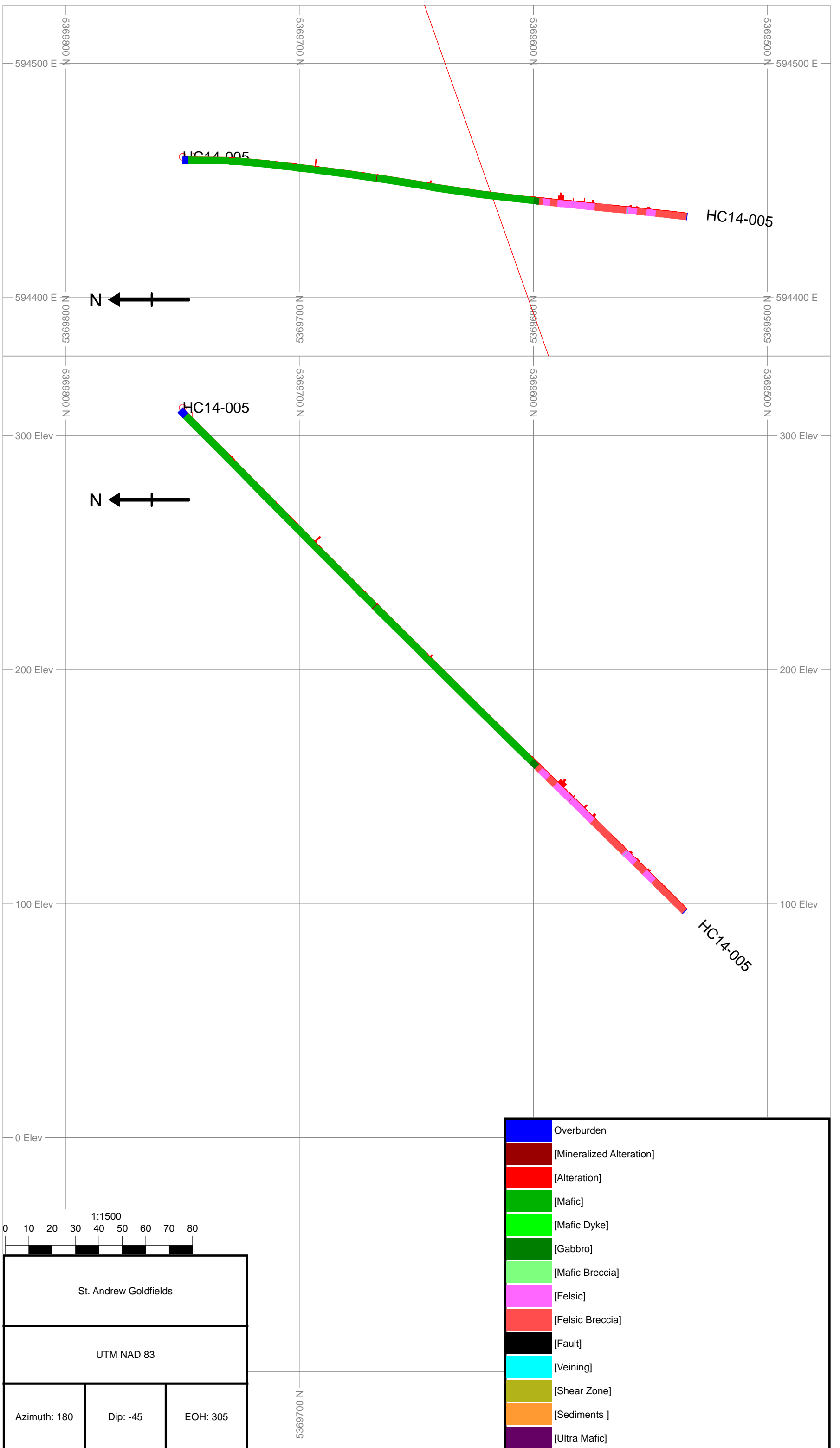
UTM NAD 83

Azimuth: 355	Dip: -45	EOH: 300
--------------	----------	----------

- Overburden
- [Mineralized Alteration]
- [Alteration]
- [Mafic]
- [Mafic Dyke]
- [Gabbro]
- [Mafic Breccia]
- [Felsic]
- [Felsic Breccia]
- [Fault]
- [Veining]
- [Shear Zone]
- [Sediments]
- [Ultra Mafic]







1:1500

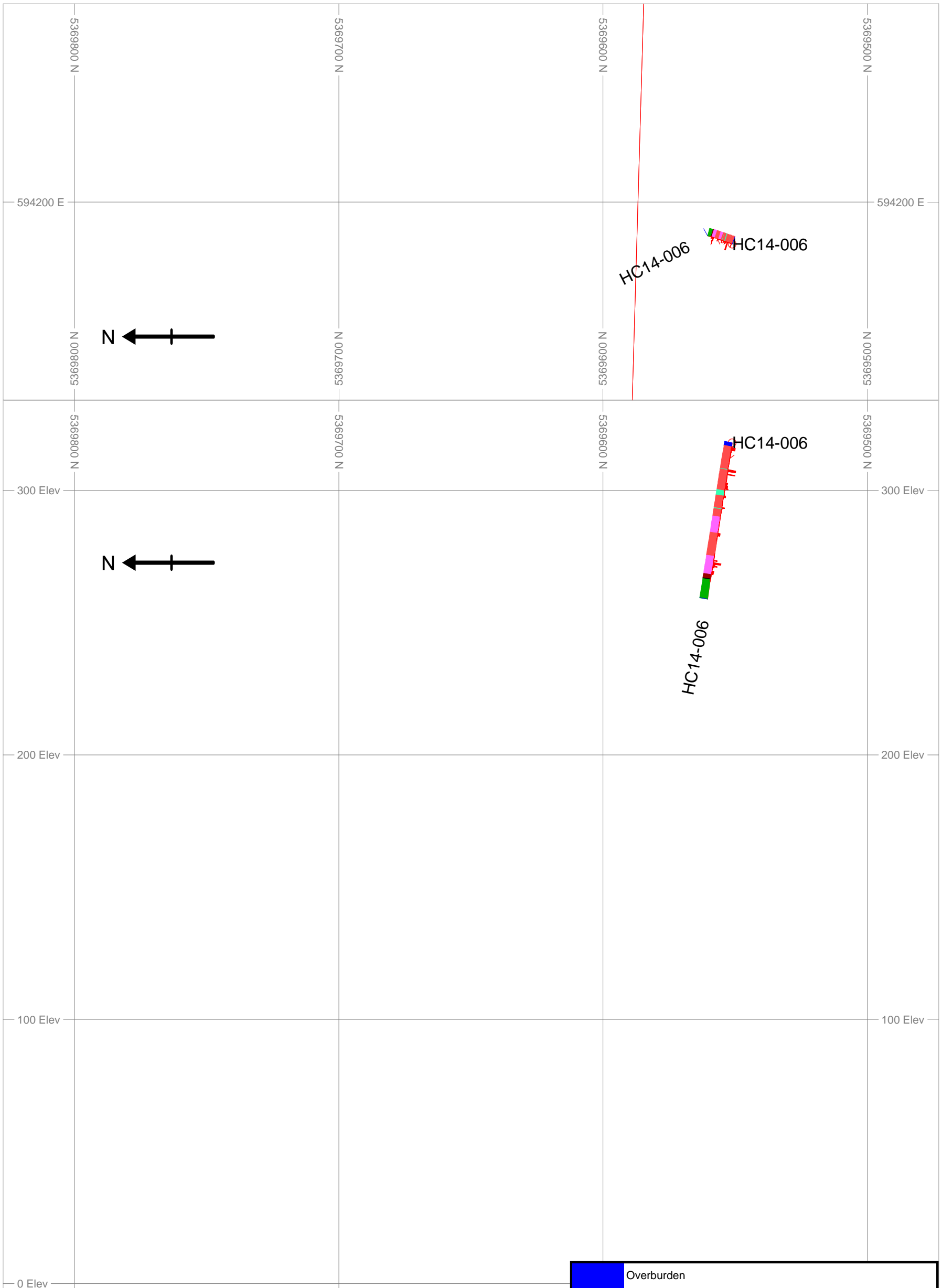
0 10 20 30 40 50 60 70 80

St. Andrew Goldfields

UTM NAD 83

Azimuth: 180	Dip: -45	EOH: 305
--------------	----------	----------

	Overburden
	[Mineralized Alteration]
	[Alteration]
	[Mafic]
	[Mafic Dyke]
	[Gabbro]
	[Mafic Breccia]
	[Felsic]
	[Felsic Breccia]
	[Fault]
	[Veining]
	[Shear Zone]
	[Sediments]
	[Ultra Mafic]



1:1500

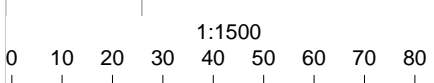
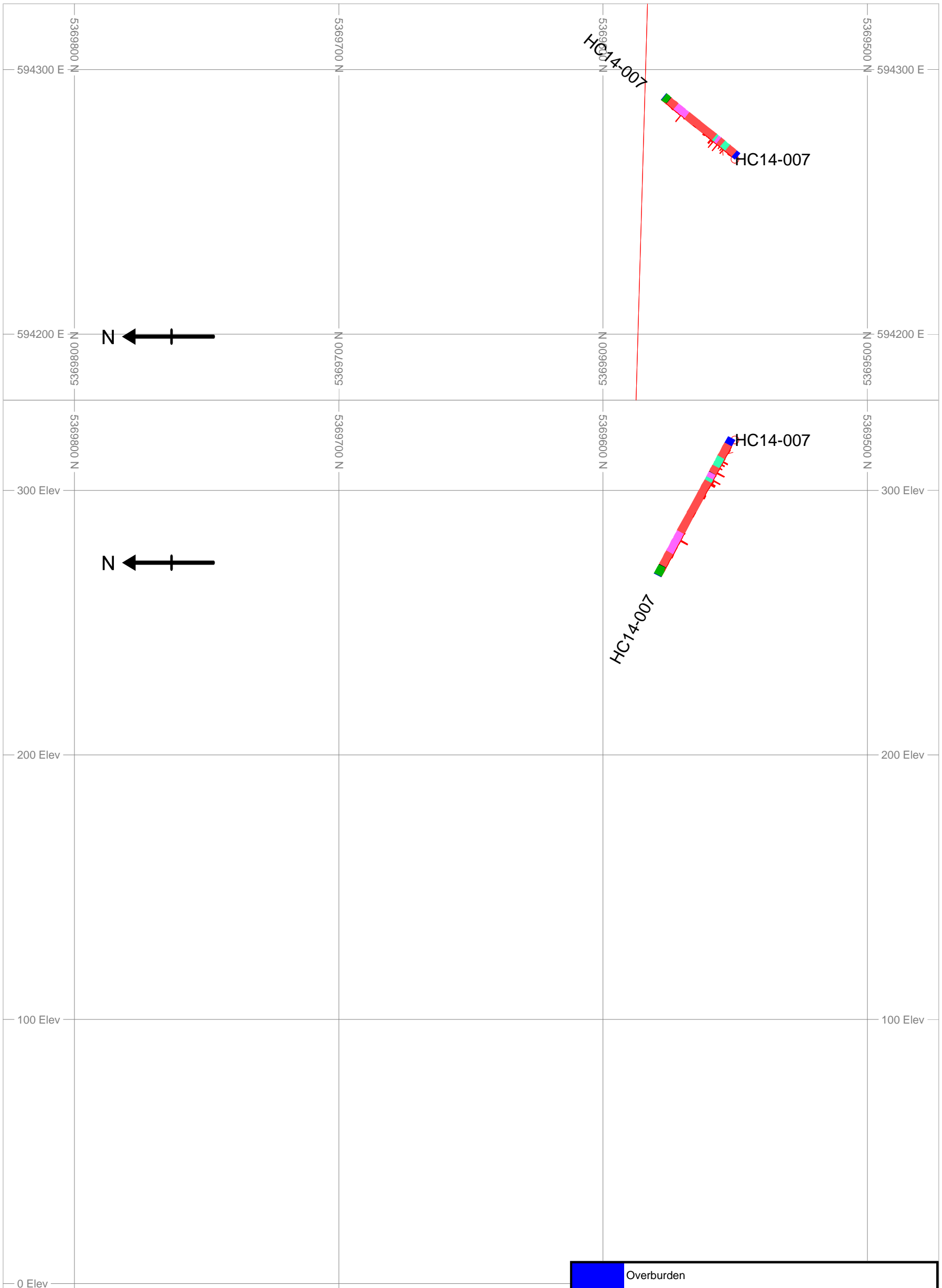
0 10 20 30 40 50 60 70 80

St. Andrew Goldfields

UTM NAD 83

Azimuth: 20	Dip: -80	EOH: 60.5
-------------	----------	-----------

	Overburden
	[Mineralized Alteration]
	[Alteration]
	[Mafic]
	[Mafic Dyke]
	[Gabbro]
	[Mafic Breccia]
	[Felsic]
	[Felsic Breccia]
	[Fault]
	[Veining]
	[Shear Zone]
	[Sediments]
	[Ultra Mafic]



St. Andrew Goldfields		
UTM NAD 83		
Azimuth: 40	Dip: -55	EOH: 63

	Overburden
	[Mineralized Alteration]
	[Alteration]
	[Mafic]
	[Mafic Dyke]
	[Gabbro]
	[Mafic Breccia]
	[Felsic]
	[Felsic Breccia]
	[Fault]
	[Veining]
	[Shear Zone]
	[Sediments]
	[Ultra Mafic]

5369700 N