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Summary Report

On Diamond Drilling

Claims

CP468, L23129, L24686, L23130, L26959, L24712,
L26542 & L26963.

In

Hislop Township

Larder Lake Mining Division

Ontario, Canada

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

Toronto, Ontario Canada M5C 2T6

www.sasgoldmines.com

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David Schonfeldt

Samantha McDonald P.Geo

Brian Hua

J.V. Bonhomme

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Introduction

This assessment report summarizes the 2014 drill program completed by St Andrew Goldfields Ltd. (SAS) in Hislop Township on eight claims, CP468, L23129, L23130, L24686, L26959, L24712, L26542 and L26963.

A total of 35 holes were drilled totalling 10,485.6m of NQ sized core. Drilling commenced on January 10th, 2014 and finished on September 8th, 2014. Directional drilling occurred from November 17th, 2014 to December 10th, 2014. The 2014 diamond drill program tested five targets; the potential of gold along strike and beneath the Hislop mine pits classified as 'Hislop Pit', the potential continuation of the 147 Zone/Grey Fox Zone south of Primero Mining Corporation, the potential mineralized trend from the 2012 Romios Gold Resources drilling, the V2 mineralized trend east of the Stroud property and testing for the possibility of a gold bearing flat lying structure at depth.

Location and Access

The Hislop property is a contiguous land package, located on the east side of the Hislop Township, situated approximately 15km east of Matheson, Ontario. **Figure 1** shows the location of the Hislop property within Ontario. The property can be accessed by driving from Matheson, Ontario heading east on Highway 101 for approximately 12 km to Tamarack Road (also known as Hislop 2 Rd). Drive south on Tamarack Road a distance of 5 km, a road leading directly to the Hislop Open Pit Mine on the left side provides access to both the mine property and to the drilling set-ups. Travel time from the Town of Matheson to the property is roughly 20 minutes. See **Figure 2** for the property location within Hislop Township.

Previous Work

The Hislop property has a long history of exploration and development as well as production in 1990-1991, 1993-1994, 1999-2000, and 2005-2006 as summarized below. During the period from 1934 through to 1936, McIntyre Mines optioned six claims owned by Torovic Gold Mines and six claims owned by Vindur Porcupine Gold Mines, which form much of the current Hislop Mine property, and carried out a program of extensive surface trenching as well as a surface diamond drill program totaling 3,962.4m in 45 holes. Results of the program proved inconclusive and the option was dropped in 1936.

In 1935, Mining Corporation drilled three holes totaling 819.3 m along a northeast to southwest section in the S1/2, Lot 2, Con III, on ground west of the Ross Mine. Results of this work revealed gold values over narrow widths in altered volcanic rocks, but no further work was undertaken. Torovic Gold Mines and Vindur Porcupine Gold Mines amalgamated in 1938 to form Kelrowe Gold Mines Limited. During the period 1939 through 1940, Kelrowe sunk a shaft to a depth of 98 m, established levels at the 24 m, 55 m and 91 m elevations, undertook lateral development on the 24 m and 55 m levels, and completed 1,498 m of underground diamond

drilling from stations on all three levels. All operations were suspended in 1940 and the mine was allowed to flood.

In 1939, Hollinger Mines Limited drilled 10 surface holes for a total of 2,644 m in the S1/2 Lot 2, Con. III and in the N1/2 Lot 2, Con. II that indicated the presence of interesting gold values in a broad zone of altered volcanic rocks. Subsequently in 1940, Hollinger completed a drive to the west-northwest at the 137 m level from the Ross Mine workings that extended 160 m on to the N1/2 Lot 2, Con. II and completed a 33.5 m crosscut towards the south. A total of 1,953 m of underground diamond drilling was completed from the crosscut and stations along the drive.

In 1945, Kelwren Gold Mines Limited was formed when Kelrowe Gold Mines Limited and Wren Gold Mines amalgamated. During the period 1945 to 1947, additional claims were obtained and a 32 hole surface diamond drill program totaling 5,028 m was completed. The shaft was deepened to 145 m and a new level established at the 137 m elevation. Development work began on the 91 m level, and more extensively on the 137m level, where 4,588 m was drilled in 140 holes. In 1948 Kelwren Gold Mines Limited reorganized to form Kelore Gold Mines Limited. During 1948, an underground diamond drill program of 122 holes totaling 3,847.5 m was completed. Operations were suspended in January 1949 and the workings allowed to flood. During the period 1949 to 1950, Kelore completed 3,466 m of surface diamond drilling in 14 holes. Between 1945 to 1949, Hiskerr Gold Mines Ltd. completed two diamond drill programs on two claims to the northwest of the Kelwren Shaft (23129 and 23130) that now form part of the Hislop Mine property. In 1953, Kelore Gold Mines Limited was renamed New Kelore Mines Limited (New Kelore).

During 1955, Hiskerr Gold Mines Ltd. completed additional diamond drilling amounting to approximately 1,220 m on the Hiskerr claims. Hollinger optioned the Hislop property from New Kelore in 1973, and during the period 1973 through 1980, completed an extensive surface and underground exploration program. In 1973, 2,322.3 m in 11 surface diamond drill holes (HK series drill holes) were drilled and the mine workings were dewatered. In 1974, Hollinger completed an underground sampling and mapping program, and completed an underground diamond drill program comprising 8,914.8 m in 239 holes (K series holes). Geological reserves were estimated following this work. The option was dropped in 1980. In 1985, Geddes Resources Inc. (Goldpost) subsequently acquired 100% of the Geddes interest in the property.

In 1986, Goldpost acquired two additional claims which increased the property holdings to a total of 19 patented mining claims and one 160 acre Veteran Lot. During the period 1986 to 1989, Goldpost completed an extensive surface exploration program consisting of line cutting, ground magnetic surveys, ground very low frequency (VLF) surveys, geological mapping, trenching, and surface diamond drilling comprising 29,612 m in 303 holes (GK series holes). An underground development program consisting of a 422 m East Decline and a 997 m Main Decline was completed.

Connections from the Main Decline to the existing workings were made at the 55 m, 91 m, and 137 m levels and an underground diamond drill program consisting of two drill holes (156.7 m

in total) in the East Decline and 42 drill holes (3,614.6 m, HE series holes) in the Main Decline was completed. All levels and declines were channel sampled and geologically mapped.

In 1990, a joint venture was established between Goldpost and SAS to mine parts of the Shaft Zone and the North Zone. During 1990 -91, 5,401 m of underground drilling in 288 holes was completed and mining commenced. In 1993, the Hislop property was acquired by SAS from Goldpost. In the period 1993 to 1994, the workings were pumped out, underground drilling totaling 10,373.9 m in 270 holes was completed, development continued and mine production was milled at the Stock Mill. In 1994, production was curtailed and underground workings allowed to flood. Entrances to the declines were sealed with steel barriers in 1995 and equipment was removed from site.

In 1996, the two Hiskerr claims were acquired by SAS. A grid with line spacings at 30 m (100 ft) was established over the entire Hislop Mine property and Real section induced polarization (IP) surveying totaling 201 line km was completed. During 1996 -97, a surface diamond drill program amounting to 8,575.2 m in 14 drill holes (including two wedged holes and deepening of a hole drilled during an earlier drill program) tested several of the IP anomalies.

In 2013 SAS drilled 72 surface drill holes totaling 26,991.5m. The drill program to test the extension of the Contact, 147 and Grey Fox South Zone from the Primero property and the near surface gold bearing structures present in what are named the “East” and “West” Pits.

Geological Setting

Regional Geology (source: Scott Wilson RPA report)

The Hislop Project lies within the Southern Abitibi Greenstone Belt (SAGB) of the Superior Province in northeastern Ontario. In very general terms, the Abitibi Sub-province consists of Late Archean meta-volcanic rocks, related syn-volcanic intrusions, and clastic metasedimentary rocks, intruded by Archean alkaline intrusions and Paleoproterozoic diabase dikes. The traditional Abitibi greenstone belt stratigraphic model envisages litho-stratigraphic units deposited in autochthonous successions, with their current complex map pattern distribution developed through the interplay of multiphase folding and faulting (Valliant & Bergen, 2009).

At a regional scale, the distribution of supracrustal units in the SAGB is dominated by east-west striking volcanic and sedimentary assemblages. The structural grain is dominated by east-west trending Archean deformation zones and folds. The regional deformation zones commonly occur at assemblage boundaries and are spatially closely associated with long linear belts representing the sedimentary assemblages. The dominant regional fault in this area is the Destor-Porcupine, referred to as the Destor-Porcupine Fault Zone (DPFZ). The current locations of these regional deformation zones are interpreted to be proximal to the locus of early synvolcanic extensional faults. Belt scale folding and faulting was protracted and occurred in a number of distinct intervals associated at least in the early stages with compressive stresses related to the onset of continental collision between the Abitibi and older subprovinces to the

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

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

Local & Property Geology

The Hislop Mine property is underlain by a sequence of mainly tholeiitic basalt and basaltic to peridotitic komatiite volcanic flows intruded by a number of sheets or dikes of syenite, feldspar porphyry, and intrusive breccia. Felsic lavas and fragmental rocks are reported to be extensive in the southern part of the property. Narrow dikes of lamprophyre intrude all other rock types and are generally aligned parallel to the main geological contacts and structures. The rocks have undergone low grade metamorphism and are located in a broad deformation zone which is part of the Destor Porcupine Fault Zone. Because of this metamorphism and deformation, many of the geological contacts show evidence of shearing and displacement due to the competency contrast between the major rock types. In addition many of the rocks have undergone varying intensities of hydrothermal alteration, mainly carbonatization and silicification, in part related to the gold mineralization, making the correlation of the rock types difficult across the property.

Several mineralized zones occur on the Hislop property. The mineralized zones occur along a strike length of approximately 1,200 m, following the fault contact between mafic flows to the north and ultramafic rocks to the south. Gold is associated with the margins of feldspar porphyritic syenite dikes that have intruded the mafic and ultramafic rocks. The dikes are generally conformable to the contact between the mafic and ultramafic rocks striking west-northwest and dipping steeply to the north. The mineralized areas have been called from west to east, the West Zone, Shaft Zone, and the South Area.

Two open pits have been mined on the Hislop Mine property being identified as the East Pit (Shaft Zone and South Area) and West Pit (West Zone). The East and West Pits have an approximate strike length of 700m and 300m respectively. Although both pits have similar strike directions, there holds the possibility that there is a minor cross-cutting fault between the

two pits as there is lateral sinistral movement causing a minor offset. Minor faults are visible in the pit walls with strike directions parallel, subparallel and perpendicular to the strike of the mineralized trend.

Gold mineralization at the Hislop Mine follows a felsic intrusion related model, with the main control being the silicified feldspar syenite. The syenite is generally sub-vertical with varying thicknesses across both pits. The Ultramafic-Syenite contact has been the main focus of targets for gold mineralization in recent drilling due to the higher expected grade. The ultramafic rock often alters to a green carbonate rock with different degrees of fuchsite and/or sericite alteration and finely disseminated pyrite mineralization. At depth, sericite alteration has been more commonly associated with the gold mineralization. The gold however, has been present within both the ultramafic and syenite lithologies, yielding higher grades within the ultramafic rock. Within the mafic volcanic rock, gold mineralization can be associated with minor syenitic dike swarms closer to the main syenite distinct by hematite alteration, but is also present around quartz-carbonate veinlets and fracture systems where pyrite mineralization and hematization or silicification occurs.

Deeper drilling beneath the East Pit has resulted in the feldspar syenite being non-existent or pinching out. Therefore, a contact between the mafic and ultramafic rock occurs.

Diamond Drilling Program

Drilling on the Hislop property was conducted by Forage Orbit Garant and directional drilling was conducted with the assistance of Tech Directional Drilling. Drilling commenced on January 10th, 2014 and finished on September 8th, 2014. Directional drilling commenced November 17, 2014 to December 10th, 2014. A total of 10,485.6 m was drilled with 622.8 m of that being overburden. See **Figures 3a-c** for Drill Hole Plans and **Appendix 1** for a meterage breakdown by claim. Drill core was picked up by SAS employees at the drill site and brought to the exploration office in Matheson, Ontario. The core was logged by Brian Hua, Samantha McDonald, Courtland Betts and Sophie Chartrand. Logs for the 35 diamond drill holes completed in the program have been included in **Appendix 2**. Sampled core was cut by Yvan Labelle, Todd Sanderson and Conor Shea using a Husqvarna diamond saw. The split core is stored at the Hislop mine site. The drill program was planned and executed by Brian Hua, Samantha McDonald P.Geol and Sophie Chartrand, under the supervision of Craig Todd, P.Geol.

Gold Analyses of a total of 3978 samples were conducted by AGAT Laboratories (Mississauga, ON). 183 sample standards and 207 blanks were included in these samples. Assay certificates have been filed in **Appendix 3**.

Summary of Drilling

The following paragraphs summarize the geology of each drill hole.

Hislop North (H pre-fix holes)

H14-001 was collared at UTM (NAD 83) 550 960mE, 5 371 830mN. The hole was drilled at an azimuth of 200°, dipping -45° to a depth of 372 m. The hole was drilled to the southwest to target the “ABC” vein extension onto the Hislop property. The hole was comprised of varying pillowed and amygdaloidal flows. There is a mafic gabbro also present as well as a brecciated quartz-carbonate veining system near the end of hole, which is of interest. The hole collared in a fault within the mafic amygdaloidal flow with low concentrations of blebby pyrite and fracture controlled epidote alteration. Small intervals of bleaching and sericitization were also present throughout the mafic flows. Between 345.7-353.9 m is a quartz-carbonate veining system bleaching and sericitizing a mafic pillowed flow. The quartz-carbonate veins are brecciated with angular clasts up to 2 cm in width and low concentrations of disseminated pyrite localized around the margins of the vein.

H14-002 was collared at UTM (NAD 83) 550 960mE, 5 371 730mN. The hole was drilled at an azimuth of 200°, dipping -50° to a depth of 329 m. The hole was drilled to southwest to target the “ABC” vein extension onto the Hislop property. The hole consists of varying pillowed and amygdaloidal flows. There is also a brecciated quartz-carbonate veining system near the end of hole, which is of interest. The hole collared in a fault within the mafic amygdaloidal flow with low concentrations of blebby pyrite and fracture controlled epidote alteration. Small intervals of bleaching and sericitization were also present throughout the mafic flows. Between 273.4-278.8 m is a quartz-carbonate veining system bleaching and sericitizing a mafic pillowed flow. The quartz-carbonate veins are brecciated with angular clasts up to 2 cm in width with increasing disseminated pyrite towards the lower part of the unit. This unit is similar to the mafic breccia present in H14-001. The hole was set to automatically stop at 329 m before it would be able to cross the property boundary.

H14-003 was collared at UTM (NAD 83) 551 560mE and 5 372 100mN. The hole was drilled at an azimuth of 40°, and dipping -45° to a depth of 200 m. This hole was drilled to the northeast to target the potential trend of the high grade veins in H13-003A. The entire hole was massive mafic volcanic rock with fracture filling hematite and epidote alteration and sections with disseminated leucoxene. Pyrite can be found clustered within carbonate veinlets. There was a section mafic rock between 126.7-136.8 m containing quartz veins with xenoliths and sericite alteration around those veins.

H14-004 was collared at UTM (NAD 83) 551 610mE, 5 372 100mN. The hole was drilled at an azimuth of 40° and dipping -45°, to a depth of 200 m. The hole was drilled to the northeast to target the potential trend of the high grade veins in H13-003A within a magnetic high signature. The entire hole was mafic volcanic rock with a variolitic texture. There was fracture controlled

and filling hematite and epidote alteration. Between 62.6-68.2 m, there were quartz-carbonate veins containing xenoliths. Sericite alteration occurred as haloes around those veins.

H14-005 was collared at UTM (NAD 83) 551 300mE, 5 372 100mN. The hole was drilled at an azimuth of 40° and dipping -55°, to a depth of 225 m. The hole was drilled to the northeast to target the potential trend of 147 Zone defined on the Primero claim property. The hole was collared in chloritic ultramafic rock. At the lower contact, hematitic alteration and silicification occurs with approximately 2% disseminated pyrite. The unit and alteration is interpreted to be related to the Gibson-Kelore Fault. The majority of the hole was mafic variolitic rock with a mafic gabbro.

H14-006 was collared at UTM (NAD 83) 551 350mE, 5 372 100mN. The hole was drilled at an azimuth of 40° dipping -55°, to a depth of 231 m. The hole was drilled to the northeast to target the potential trend of 147 Zone defined on the Primero Property. The hole collared in mafic rock. Near the top of the hole within a variolitic unit contained quartz veinlets with xenoliths and clustered intervals of highly concentrated pyrite. Fracture controlled pyrite mineralization with hematite altered haloes were present within the variolitic unit. These intervals were present within the first 75 m of the hole. The lower part of the hole was massive mafic volcanic rock with sections of varioles, but lacking strength in the alteration and mineralization as compared to the unit above.

H14-007 was collared at UTM (NAD 83) 551 300mE, 5 372 100mN. The hole was drilled at an azimuth of 40° dipping -45°, to a depth of 260 m. The hole was drilled to the northeast with a collar location 50 m south of H14-003. The hole had mafic units with varioles, pillows and amygdules. There are also intervals of mafic gabbro. Of interest, there is a mafic breccia unit with quartz-carbonate veins and moderate sericite alteration. Pyrite is present in moderate to high concentrations (3-5%) within the quartz-carbonate veins. These veins cut the core at a shallow angle to core axis. The mafic breccia is between 184.1-194.5 m.

H14-008 was collared at UTM (NAD 83) 551 610mE, 5 372 050mN. The hole was drilled at an azimuth of 40°, and dipping -45°, to a depth of 260 m. This hole was drilled to the northeast to target the potential trend of the high grade veins in H13-003A. The entire hole was massive mafic volcanic rock with fracture filling hematite and epidote alteration. There is also patchy sericite alteration associated with minor brecciation. There was a large quartz vein appearing to run parallel to the core axis between 73.5-96.5 m.

H14-009 was collared at UTM (NAD 83) 551 350mE, 5 372 050mN. The hole was drilled at an azimuth of 40°, and dipping -55° to a depth of 105.5 m. The hole was drilled to the northeast to target the potential trend of 147 Zone defined on the Primero Property and also down dip of H14-006. The hole was abandoned at 105.5 m due to a mud seam fault present at 15-16 m within ultramafic rock, which collapsed. The hole collared in lamprophyre. The following unit was talc-chlorite altered ultramafic rock where the fault occurred. The hole finished in massive mafic volcanic rock with patchy variolitic texture. There were brecciated quartz veinlets near then end of the hole with minor disseminated pyrite.

H14-010 was collared at UTM (NAD 83) 551 350mE, 5 372 150mN. The hole was drilled at an azimuth of 40°, and dipping -55°, to a depth of 148.5 m. The hole was drilled to the northeast to target the potential trend of 147 Zone defined on the Primero Property. The hole consisted of mafic volcanic rock with fracture controlled hematite alteration. There is an interval of highly clustered and fracture controlled pyrite following the variolitic flow into the massive mafic rock.

H14-011 was collared at UTM (NAD 83) 551 704mE, 5 371 897mN. The hole was drilled at an azimuth of 40°, dipping -47°, to a depth of 369 m. This hole was drilled to the northeast along strike of H13-014 and with possible intersect up dip from H12-029. Targeting the potential trend of 147 Zone defined on the Primero Property. The hole consisted of ultramafics with lamprophyre and mafic intrusive units, massive and variolitic mafic volcanics. The massive mafic volcanic unit contains patchy hematite with fracture controlled epidote and sericite within the brecciated sections. Pyrite is clustered within the fracture veins and very fine grained disseminated within the breccia intervals.

H14-012 was collared at UTM (NAD 83) 551 300mE, 5 372 150mN. The hole was drilled at an azimuth of 53°, dipping -57°, to a depth of 240 m. This hole was drilled to follow up on H14-006 potentially finding a trend along strike. The hole collared in mafic variolitic rock after 3m of casing. The entire hole was mafic rock. The variolitic units contained fracture controlled hematite alteration. Pyrite is disseminated within the variolitic unit around quartz dominant veinlets. The massive mafic volcanic rock contained fracture filling epidote alteration and fine grained disseminated leucoxene, but little to no concentrations of pyrite.

H14-013 was collared at UTM (NAD 83) 551 275mE, 5 372 150mN. The hole was drilled at an azimuth of 60°, dipping -54°, to a depth of 180 m. This hole was drilled 25 m east of H14-012 in an attempt to undercut the zone. The hole collared in mafic volcanic rock with brecciated and broken quartz veinlets. The following unit was a mafic gabbro with leucoxene alteration and little pyrite mainly concentrated within carbonate stringers. The final unit was a mafic variolitic flow. Weak hematite alteration was present around fractures, but increased albite, bleaching and hematite occurs near the end of the hole. There is an increase in quartz breccia veinlets and veins where albite alteration occurs along with disseminated pyrite. Carbonate stringers are present throughout.

H14-014 was collared at UTM (NAD 83) 551 350mE, 5 372 075mN. The hole was drilled at an azimuth of 40°, dipping -50°, to a depth of 150 m. This hole was drilled along to the southeast of H14-006 along the predicted trend. The hole was dominantly mafic volcanic rock with a variolitic unit in the center. Fracture filling epidote alteration was present within the massive mafic volcanic units with little pyrite. The variolitic unit contains carbonate stringers in low frequency with minor fracture controlled pyrite. Also within the variolitic unit, there is a section between 80.5-95.9 m containing hematite alteration and silicification. There are crustiform quartz veinlets parallel to the core axis as well as perpendicular. There is an

increased frequency of carbonate stringers with increased disseminated pyrite throughout this interval. Visible gold was present within the crustiform veins within this interval.

H14-015 was collared at UTM (NAD 83) 551 375mE, 5 372 050mN. The hole was drilled at an azimuth of 40°, dipping -50°, to a depth of 171 m. This hole was drilled further along the predicted strike to the southeast of H14-014. The hole collared in ultramafic rock, but the majority of the hole was massive mafic volcanic rock. There were minor brecciated intervals with clasts of quartz veinlets. Hematite alteration is infrequent but mainly found within fractures. There is also sericite alteration present along fractures and as haloes around veining. There was little pyrite, but increased concentrations can be present within the brecciated mafic unit. Shear veins and gouges are present near the end of the hole.

H14-016 was collared at UTM (NAD 83) 551 367mE, 5 372 067mN. The hole was drilled at an azimuth of 35°, dipping -50°, to a depth of 147 m. This hole was drilled along the southeast strike between H14-014 and H14-015. Most of the hole was dominantly mafic volcanic rock, but the hole collared in a syenite intrusion. There was weak fracture controlled and filling hematite alteration with minor sericite. Generally, there are trace amounts of pyrite, but it can be concentrated where there is a concentration of carbonate stringers and also at the syenite contact.

H14-017 was collared at UTM (NAD 83) 551 325mE, 5 372 121mN. The hole was drilled at an azimuth of 35°, dipping -50°, to a depth of 150 m. This hole was drilled between H14-012 and H14-006 in order to increase confidence in the strike direction. The majority of the hole was a mafic variolitic flow with weak brecciation through the upper half of the hole. Where brecciation increases, the hole was logged as a mafic breccia. The hole ends in a massive mafic flow. There is brecciated quartz veins spaced throughout the upper half of the variolitic flow with pyrite concentrated within the veins. Hematite alteration is fracture controlled and patchy. Sericite alteration and silicification can be present around larger brecciated quartz veinlets. Pyrite is found within the brecciated quartz veins and concentrated between 119.5-134.8 m where there is also a concentration of carbonate stringers and quartz veinlets.

H14-018 was collared at UTM (NAD 83) 551 325mE, 5 372 125mN. The hole was drilled at an azimuth of 40°, dipping -50°, to a depth of 171 m. This hole was drilled to better define the mineralization of the 147 Zone. It uses the same collar as H14-017, but drilled at a different azimuth to fill a gap in the drilling. The hole is dominantly a mafic variolitic flow. There are small brecciated quartz veinlets hosting xenoliths throughout the unit, but they are spaced out throughout the unit. Minor quartz carbonate stringers with pyrite haloes also exist and become more frequent at depth. The unit contains hematite alteration with some fracture controlled silicification with up to 3% pyrite mineralization.

H14-019 was collared at UTM (NAD 83) 551 300mE, 5 372 125mN. The hole was drilled at an azimuth of 40°, dipping -54°, to a depth of 171 m. This hole was drilled to better define the mineralization of the 147 Zone. The hole is dominantly a mafic variolitic flow. At the top of the

hole, there is weak brecciation and fracture controlled sericite alteration. There are small brecciated quartz veinlets hosting xenoliths throughout the unit, but they are spaced out throughout the unit. Minor quartz carbonate stringers with pyrite haloes also exist and become more frequent at depth. The unit contains hematite alteration with some fracture controlled silicification with up to 5% pyrite mineralization at depth. There are instances of visible gold at 136 m and 143 m within brecciated quartz veins, which lines up with other mineralized holes.

H14-020 was collared at UTM (NAD 83) 551 997mE, 5 372 152mN. The hole was drilled at an azimuth of 227°, dipping -49°, to a depth of 300 m. This hole was targeting the mineralization of the 147 Zone. The hole consists of massive, variolitic and brecciated mafic volcanic rocks. Massive and variolitic units are generally chlorite and hematite altered with 1-2% quartz-carbonate veinlets. Pyrite is very fine grained both disseminated and within the quartz-carbonate veinlets. Mafic breccia is generally sericite and albite altered with silica and hematite overprinting. Visible gold is present from 200.6-200.7 m within a silicified zone surrounding the circumference of the core.

H14-021 was collared at UTM (NAD 83) 552 000mE, 5 372 150mN. The hole was drilled at an azimuth of 213°, dipping -48°, to a depth of 328.5 m. This hole was targeting the mineralization of the 147 Zone. The hole consists of massive, variolitic and brecciated mafic volcanic rocks. Massive and variolitic units are hematite and chlorite altered with patchy leucoxene in some places. Quartz-carbonate veinlets occur in veinlets at a frequency of 1-2%. Pyrite is very fine grained and disseminated throughout the unit. The mafic breccia units are silica and albite altered, with epidote throughout with areas overprinted with hematite. Mafic breccia with hematite overprinting, tend to have lower gold values than that of the mafic breccia without hematite.

H14-022 was collared at UTM (NAD 83) 552 037mE, 5 372 189mN. The hole was drilled at an azimuth of 218°, dipping -45°, to a depth of 300 m. This hole was targeting the mineralization of the 147 Zone. The hole consists of massive, variolitic and brecciated mafic volcanic rocks. Massive and variolitic units are predominantly chlorite altered with patchy hematite and sericite. Consists of 1-2% quartz-carbonate veinlets and trace to locally 0.5% fine grained blebby pyrite. Brecciated units are silica, albite and sericite altered with patchy hematite and chlorite. Quartz-carbonate veinlets are 1-2%, and trace to locally 0.5% disseminated and blebby pyrite.

H14-023 was collared at UTM (NAD 83) 552 038mE, 5 372 190mN. The hole was drilled at an azimuth of 227°, dipping -52°, to a depth of 351 m. This hole was targeting the mineralization of the 147 Zone. The hole consists of massive, variolitic and brecciated mafic volcanic rocks. Massive and variolitic units are predominantly chlorite altered with patchy hematite and sericite. Quartz-carbonate veinlets are about 1-2% of the overall units. Pyrite is disseminated throughout and is very fine grained to blebby. Chalcopyrite had been noted in the unit. Brecciated units are silica, sericite and moderately albite altered. Quartz-carbonate veinlets are 1-2% with some localized 3-5% veins. Pyrite is very fine grained and disseminated.

H14-024 was collared at UTM (NAD 83) 552 040mE, 5 372 190mN. The hole was drilled at an azimuth of 222°, dipping -60°, to a depth of 399 m. These holes are targeting the mineralization of the 147 Zone. The hole consists of massive, variolitic and brecciated mafic volcanic rocks. Massive and variolitic units are predominantly chlorite altered with patchy hematite and sericite. Quartz-carbonate veinlets are 1-2% of the overall units. Pyrite is disseminated throughout and is very fine grained to blebby. Brecciated units are chlorite altered with patchy sericite and with minor epidote. Pyrite is very fine grained, disseminated and blebby throughout.

Hislop Deep (“HD” hole pre-fix)

HD14-001 was collared at UTM (NAD 83) 551 974mE, 5 372 112mN. The hole was drilled at an azimuth of 0°, dipping -90°, to a depth of 1,154 m. This hole was drilled vertically to explore the possibility of a flat lying gold-bearing structure (anomaly) at depth as defined by modelling the results of a deep penetrating AMT (**A**udio-**M**agneto **T**ellurics) survey. The hole consisted of mafic volcanic rock with varying textures of varioles or amygdules. There was dominantly fracture controlled epidote and hematite alteration. Between 500-630 m contained a mafic variolitic flow with the strongest mineralization and alteration occurring within the 510-550 m mark. There was semi-pervasive hematite alteration with fracture controlled silicification and pyrite mineralization. In some instances, brecciated quartz veins were present at a shallow angle to core axis with margins of albite and sericite alteration. The alteration and veining is very similar to the style of mineralization seen in the 147 Zone. The bottom of the hole finished green carbonate ultramafic rock with fuchsite and carbonate alteration and little pyrite mineralization. This is the deepest drillhole on the property testing down to a depth of 1154 m below surface.

Hislop Pit (“HP” pre-fix holes)

HP14-001 was collared at UTM (NAD 83) 552 247.7mE, 5 371 914mN. The hole drilled at an azimuth of 212°, dipping -55°, to a depth of 276 m. This hole was drilled 50 m to the northwest along strike of HP12-002 attempting to extend the resource in the 3003 lens of the West Pit. The hole collared in variolitic mafic rock. Pyrite increases towards the contact with the following syenite unit. Fracture controlled silica and hematite alteration occur as well. The syenite is massive with 2-3% fine grained disseminated pyrite. The final unit is talc-chlorite altered ultramafic rock. There is very little to no sulphides in the ultramafic unit.

HP14-002 was collared at UTM (NAD 83) 552 231mE, 5 371 955mN. The hole was drilled at an azimuth of 210°, dipping -53°, to a depth of 288 m. This hole was drilled 40m to the northwest along strike of HP14-001 outside of all resource shapes. It was drilled with the intention of extending the 3002 lens of the West Pit. The hole collared in a mafic gabbro with fracture controlled epidote alteration and disseminated leucoxene. The following unit is mafic volcanic rock with patchy bleaching and hematite intervals. Minor sections are sericite altered with very

fine grained disseminated pyrite, but those intervals do not span more than 1 m in core length. The hole ends in talc-chlorite altered ultramafic rock.

HP14-003 was collared at UTM (NAD 83) 552 311.5mE, 5 371 938mN. The hole was drilled at an azimuth of 216°, dipping -51°, to a depth of 381 m. This hole was drilled down dip of HP12-002. The hole collared in mafic rock with amygdules and varioles. Fracture controlled hematite alteration is apparent, but not consistent. Pyrite is trace throughout most of the rock, but minor intervals of fine grained disseminated pyrite can be present. The following unit is a feldspar syenite with up to 2% disseminated pyrite and fracture controlled hematite alteration. Following the syenite appears to be a mafic intrusive rock with very fine grained disseminated pyrite. This intrusive rock cuts in and out within a talc-chlorite altered ultramafic rock and is more frequent towards the syenite contact. The hole ends in a feldspar porphyry unit.

HP14-004 was collared at UTM (NAD 83) 552 570mE, 5 371 838mN. The hole was drilled at an azimuth of 195°, dipping -45°, to a depth of 432 m. This hole was drilled to target between the East and West Pits on the Hislop Mine property. The hole collared in mafic variolitic rock with patchy hematite alteration and little pyrite mineralization. The following units are syenite and chlorite altered ultramafic rock. At the contact between the mafic rock and syenite, there are patches of strongly mineralized and silicified mafic rock with up to 10% fine grained disseminated sulphides. There are also minor dykes of syenite present. This mineralization of interest occurs over a span of 30 m between 300-330 m. There was little to no mineralization at the syenite-ultramafic contact.

HP14-005 was collared at UTM (NAD 83) 552 344mE, 5 371 870mN. The hole was drilled at an azimuth of 212°, dipping -68°, to a depth of 396 m. This hole was drilled to target the mineralization beneath the West pit. The hole consists of massive and variolitic mafic volcanic, syenite dykes and end in ultramafic. The mafic rocks are hematite altered with patchy albite, sericite and leucoxene. Smokey grey quartz veins are present and pyrite is trace to locally 1%. Syenite is found as small dykes within the mafic volcanic units, and as a large dyke directly above the ultramafic contact. The syenite contains trace pyrite and 1-2% quartz-carbonate veinlets. The ultramafic unit contains strong carbonate stringers to veinlets with localized gouge and heavy fracturing.

HP14-006 was collared at UTM (NAD 83) 552 457mE, 5 371 840mN. The hole was drilled at an azimuth of 215°, dipping -65°, to a depth of 453 m. This hole was drilled to target the mineralization beneath the West pit. The hole consists of massive, variolitic and gabbroic mafic volcanic rocks. Mafic rocks are hematite altered with 1-2% quartz-carbonate veinlets and trace to 1% pyrite. Feldspar porphyry units are present. The porphyry units are has strong silica and epidote alteration with 1-2% disseminated sulphides. Green carbonate unit is fuschite, silica and epidote altered. Trace to locally 1% disseminated pyrite and 3-5% quartz-carbonate veinlets. Hole is finished in ultramafic rocks. Ultramafic rocks are both massive and brecciated. Within the massive ultramafic rocks the rock is moderately foliated with quartz-carbonate clasts throughout and clustered pyrite.

HP14-007 was collared at UTM (NAD 83) 552 569mE, 5 371 788mN. The hole was drilled at an azimuth of 201°, dipping -42°, to a depth of 366 m. This hole was drilled to target the mineralization between the East pit and West pits. The hole consists of massive, variolitic and brecciated mafic volcanic rocks. Units are hematite and epidote altered with chlorite fractures throughout. Quartz-carbonate veins are vuggy and wispy veinlets throughout. Pyrite is more abundant within the hematite altered rocks. Syenite dykes are both massive and brecciated with 1-2% quartz-carbonate stringers and trace to locally 1% pyrite. Quartz feldspar porphyry units are silicified with minor epidote throughout. Pyrite is 1-2% disseminated and quartz carbonate veinlets are 1-2%. The hole ended in an ultramafic unit as seen in drill hole HP14-006.

HP14-008 was collared at UTM (NAD 83) 552 568mE, 5 371 862mN. The hole was drilled at an azimuth of 190.2°, dipping -54.2°, to a depth of 507.1 m. This hole was drilled to target the mineralization between the East and West pits. The hole consists of massive, variolitic and brecciated mafic volcanic rocks. The massive and variolitic rocks are hematite altered and contain trace to 1% disseminated sulphides with 1-2% quartz-carbonate veins. There are 2 types of mafic breccia units. One that is grey, massive and relatively unaltered. The second is what we would normally see as the gold bearing zone. This one is albite silica albite altered, with 1-2% fine grained disseminated pyrite. Quartz-carbonate veinlets are 2-3% throughout the unit. There are several syenite dykes present throughout. The syenite dykes are fairly massive, contain 1-2% quartz-carbonate stringers and trace pyrite. The hole ended in the same ultramafic package as seen in both holes HP14-006 and HP14-007.

V2 South Trend (HS “Hislop South” pre-fix holes)

HS14-001 was drilled at UTM (NAD 83) 551 780mE, 5 371 150mN. The hole was drilled at an azimuth of 213°, dipping -45°, to a depth of 252 m. This hole was drilled to explore the easterly strike extension of the V2 South trend from the Stroud Property to the west side. The hole consists of mafic volcanic rock with minor intervals of calcite veining with high concentrations of disseminated pyrite. Sericite and carbonate alteration is present towards the middle of the unit. There are a number of rubble faults in the top 70 m of the hole.

HS14-002 was drilled at UTM (NAD 83) 551 780mE, 5 371 150mN. The hole was drilled at an azimuth of 213°, dipping -55°, to a depth of 198 m. This hole was drilled to explore the extension of the V2 South trend from the Stroud Property on the west side. The hole consists of mafic volcanic rock with minor intervals of calcite veining with high concentrations of disseminated pyrite. Sericite and carbonate alteration is present towards the middle of the unit. There are a number of rubble faults in the top 70 m of the hole.

Conclusion

The 2014 Hislop diamond drill program showed promising results in several drill holes from the respective drill targets.

The results from the "ABC" vein trend show a possible extension of these veins southeast onto the CP468 claim. The significant assay returned was 5.06g/t Au over 0.8 m within a quartz-carbonate vein.

The results from the V2 South trend show a possible extension of these veins east. The best composite returned 4.7g/t Au over 3.9m within quartz-carbonate vein system.

The results from the 147 Zone of the Primero property confirms that mineralization extends 150 m south onto the Hislop Mine property. Significant intercept returned from H14-019, 10.38g/t Au over 25 m, H14-013, 31.43g/t Au over 3.5 m from H14-003, 13.76g/t Au over 4.4 m and H14-020, 175g/t Au over 0.5 m.

The vertical hole HD14-001, which is the deepest drillhole on the property was drilled to test an AMT anomaly which identified a flat lying structure at depth was found to be inconclusive, however; did confirm continuing mineralization associated with the 147 Zone with results of 25.52g/t Au over 2.8 m, 3.24 g/t Au over 39.9 m (or 10 m True width), including 4.87g/t AU over 21 m.

The drilling underneath the West pit and in between the East and West pit confirms potential extension of the mineralized domains. The most significant intercept was in HP14-003 at 4.29g/t Au over 7.4 m.

Recommendations

Additional diamond drilling programs should be conducted to examine the potential of the quartz-carbonate vein system of both the "ABC" veins and the V2 zone onto the SAS claim boundaries. These drill sites are in very wet areas and therefore drilling should be conducted in the winter.

Historical drill coverage in and around the East and West pits is relatively shallow. Future drilling should also include deeper holes to expand on the know mineralization at depth.

Hislop pit drilling resulted in three mineralized extensions being defined to depth below the pits, with the mineralized zones being named Loki, Odin and Thor. Additional definition drilling is budgeted and planned by SAS for the Thor zone in 2016.

SAS has completed a geological compilation for the Hislop South / V2 zones. The mineralized trend potentially extends between the Stroud property on the West and the Ross mine property to the east. Very little drilling was conducted along this trend on the SAS claims. Additional drilling is budgeted and planned by SAS for this target area in 2016.

DATE AND SIGNATURE PAGE

This report titled "Summary of Drilling on the Hislop Property" and dated December 10, 2015, was prepared and signed by the following authors:

Dated at Matheson, Ontario

December 10, 2015



Dave Schonfeldt

Exploration Manager



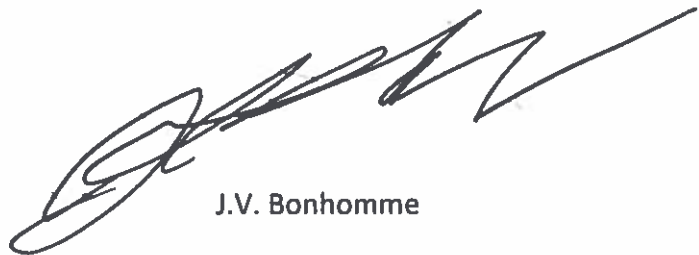
Samantha McDonald, P.Geo

Exploration Geologist



Brian Hua

Exploration Geologist



J.V. Bonhomme

Land Management Specialist

CERTIFICATE OF QUALIFICATIONS

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

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

Signed:



Samantha McDonald, P. Geo.

References:

Valliant, W. W., & Bergen, R. (2009). *Technical Report on the Hislop Project, Ontario, Canada NI 43-101 Report*. Scott Wilson Roscoe Postle Associates INC.

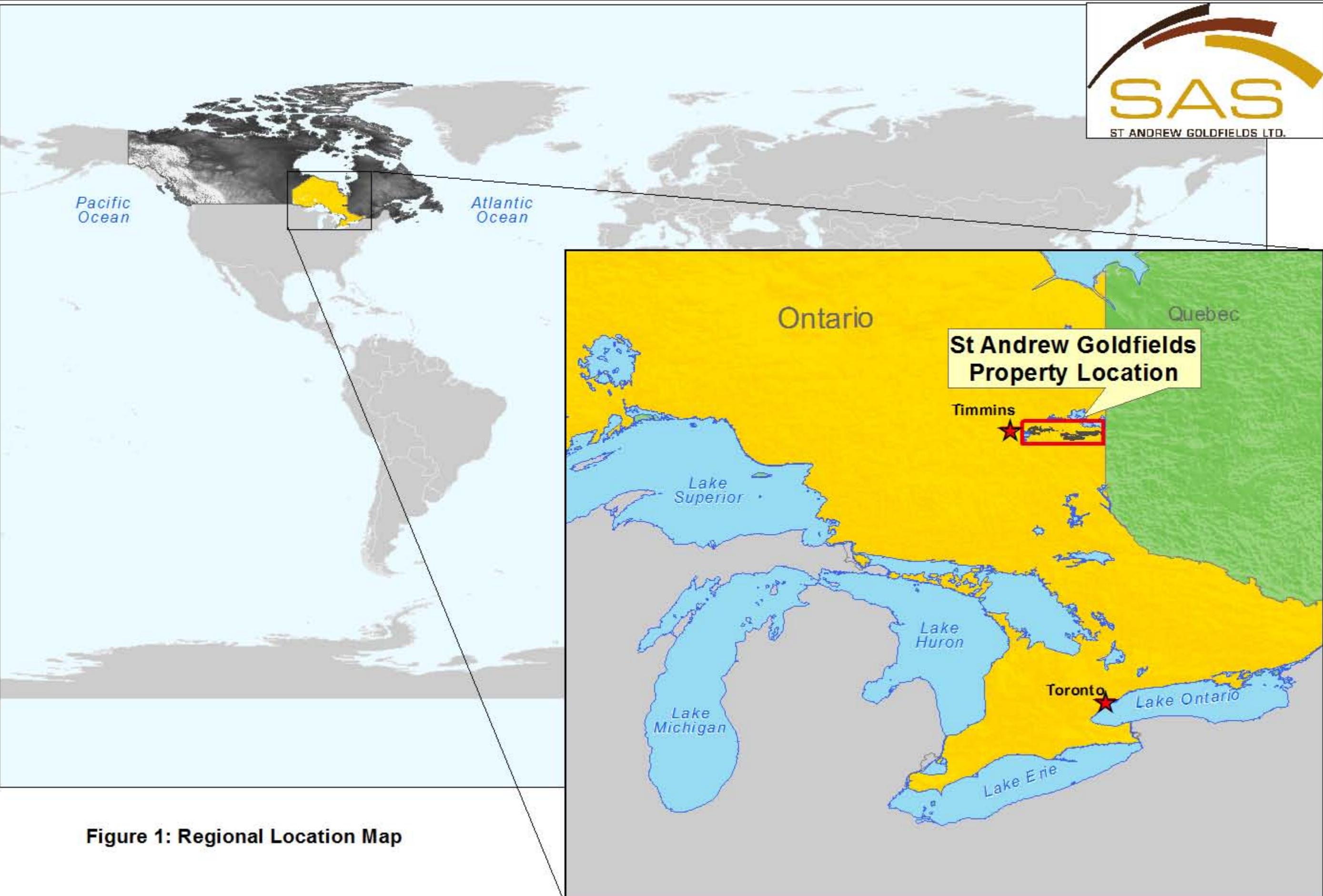


Figure 1: Regional Location Map

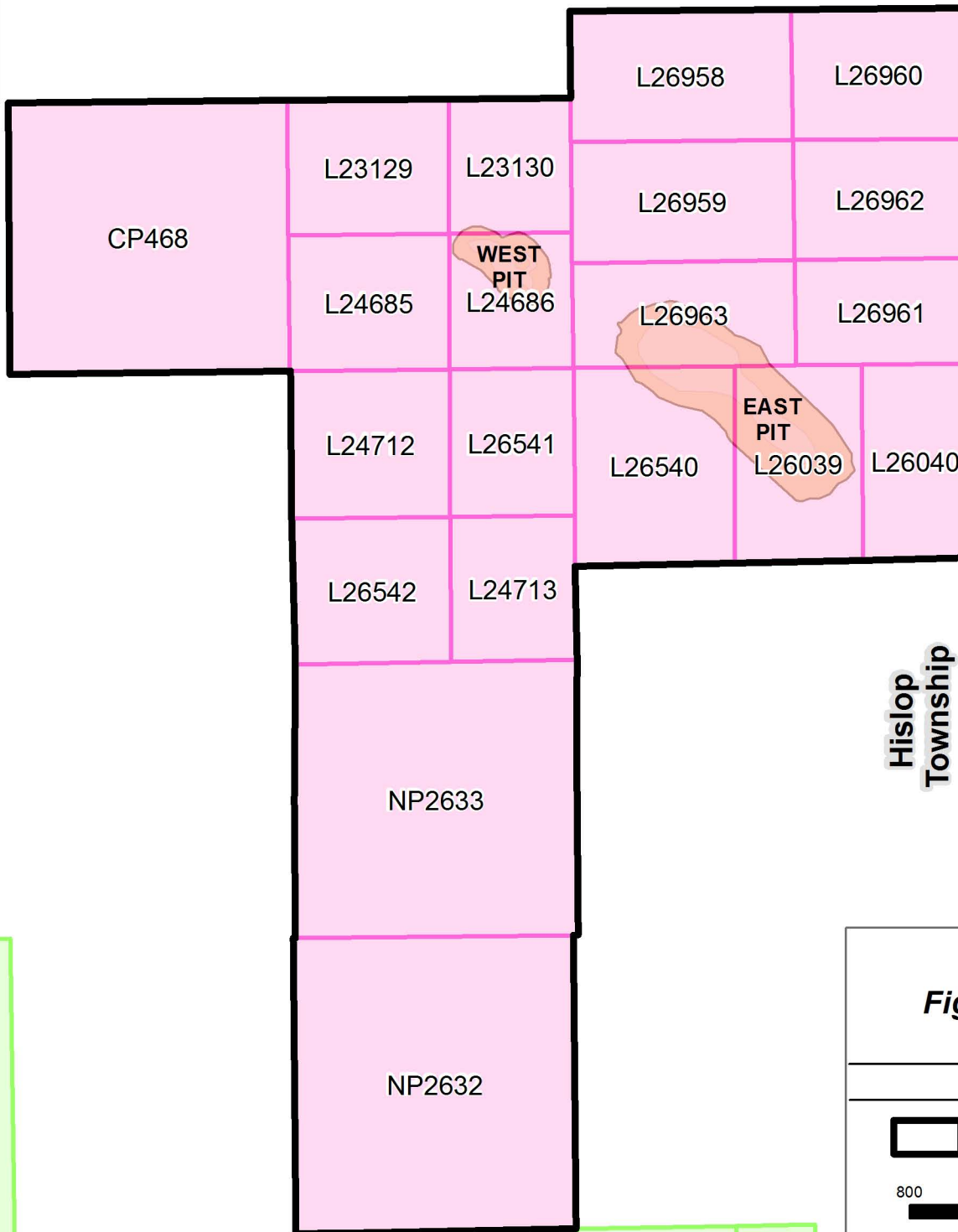
551000

552000

553000

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555000

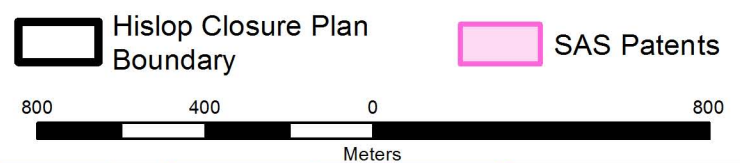


Hislop Township

Guibord Township

St Andrew Goldfields
Figure 2: Hislop Project Location Map
Hislop Township

October 2015 - Nad 83 Zone 17N - Scale 1: 18,000

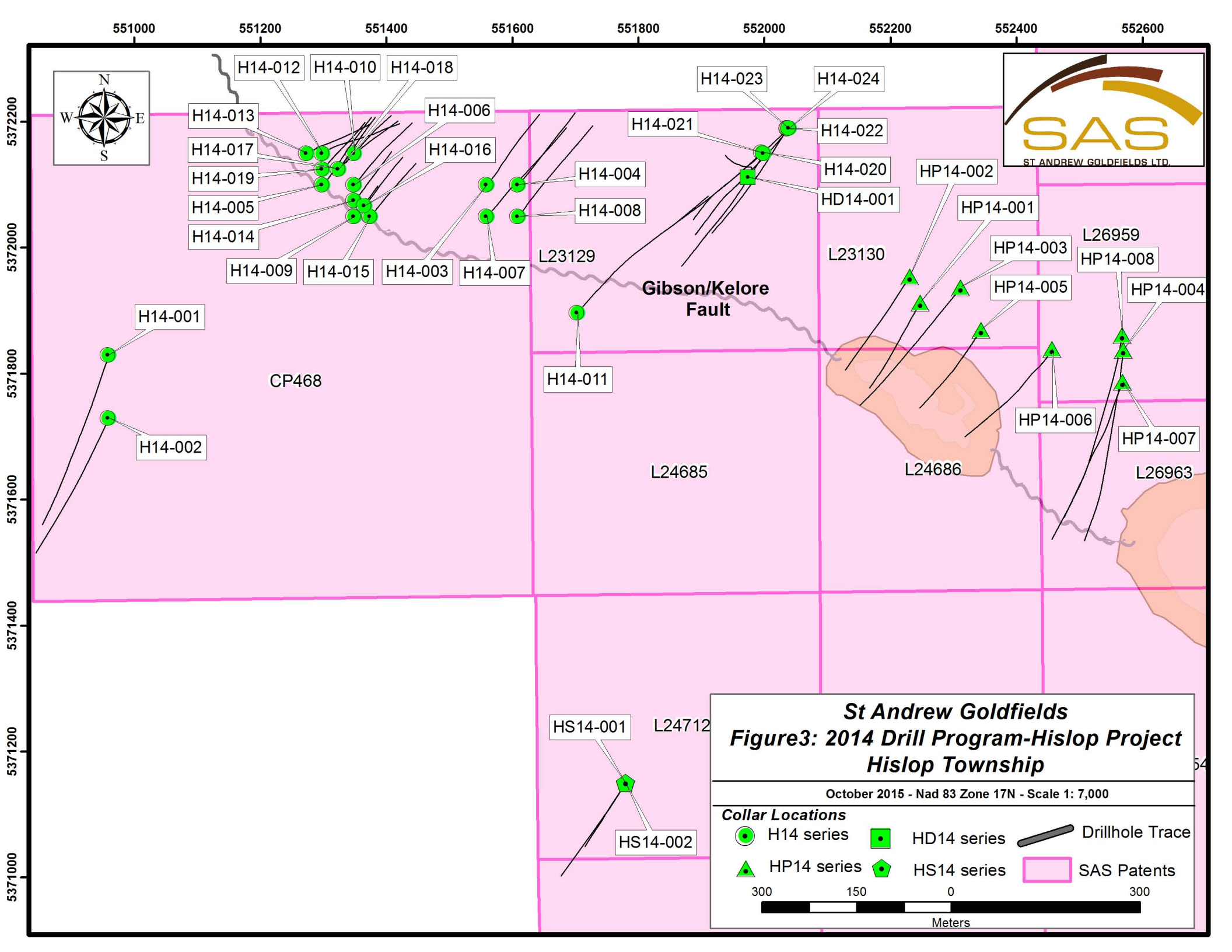


5372000

5371000

5370000

5369000



St Andrew Goldfields
Figure3: 2014 Drill Program-Hislop Project
Hislop Township

October 2015 - Nad 83 Zone 17N - Scale 1: 7,000

Collar Locations

- H14 series
- HD14 series
- HP14 series
- HS14 series
- Drillhole Trace
- SAS Patents

300 150 0 300

Meters

551000

551200

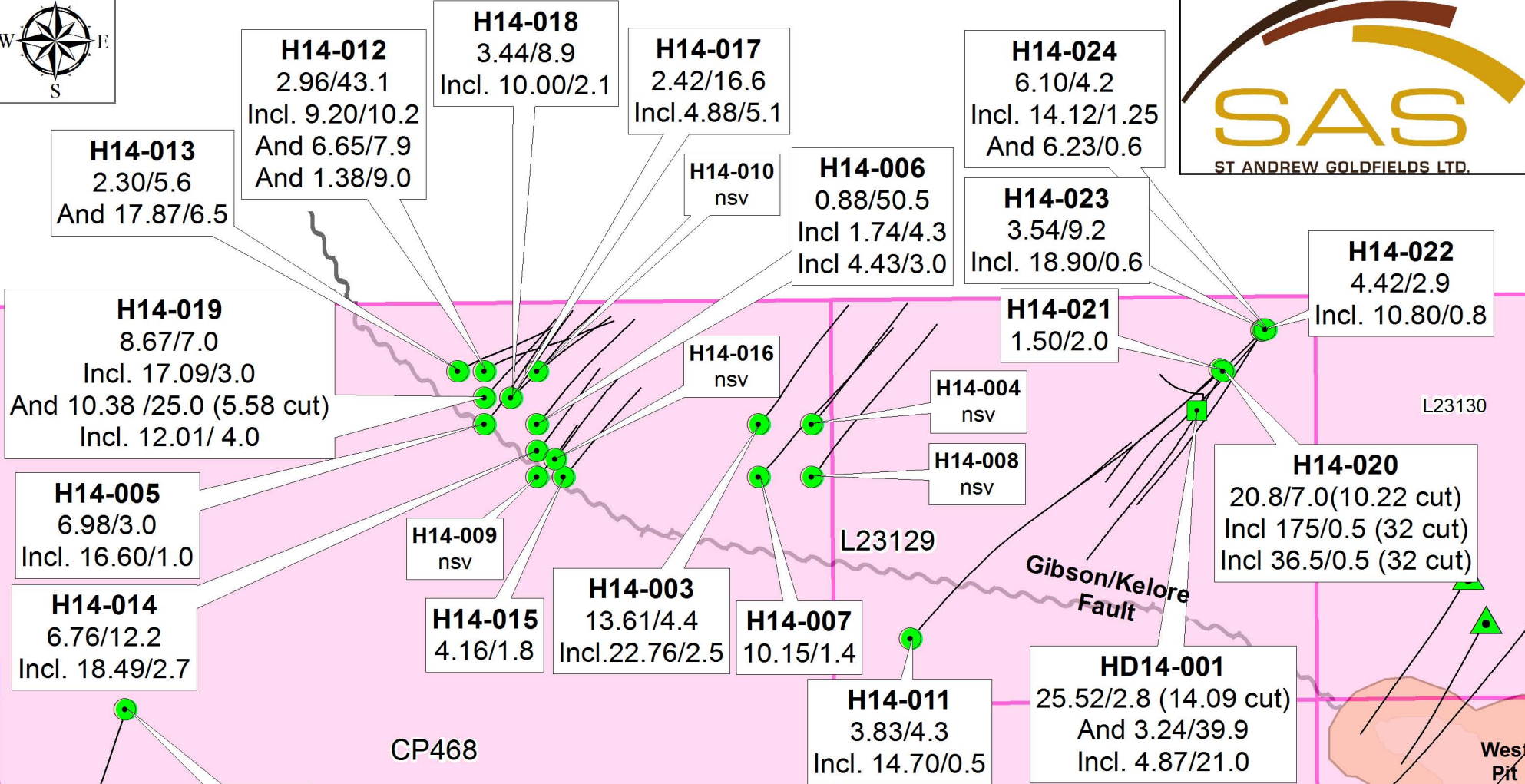
551400

551600

551800

552000

552200



St Andrew Goldfields
Figure 3a: 2014 Drill Program-Hislop Project

October 2015 - Nad 83 Zone 17N
Scale 1:5,500

Collar Locations

● H14 series ■ HD14 series — Drillhole Trace

6.28/3.1 (grams/tonne Au) over core length (meters) □ SAS Patents

nsv No Significant Values

250 125 0 250

Meters

* cut grade @ 32 g/t

552000 552200 552400 552600 552800 553000



HP14-002
1.87/2.5

HP14-001
1.33/9.7
Incl. 8.97/0.4

HP14-003
4.29/7.4

HP14-005
1.61/6.0
And 1.48/3.2

HP14-006
nsv

HP14-008
2.70/3.2

HP14-004
1.89/10.8

HP14-007
2.7/20.8
Incl. 2.74/2.0
Incl. 1.90/2.3
Incl 2.14/2.0
And 1.86/11.7

L23130

L26959

West Pit

L24686

Gibson/Kelore
Fault

L26963

East Pit

HISLOP TOWNSHIP

St Andrew Goldfields
Figure 3b: 2014 Drill Program-Hislop Project

October 2015 - Nad 83 Zone 17N
Scale 1:4,000

Collar Locations

- HP14 series (grams/tonne Au) over core length (meters)
- Drillhole Trace
- SAS Patents
- nsv** No Significant Values

200 100 0 200
Meters

5372000
5371800
5371600
5371400

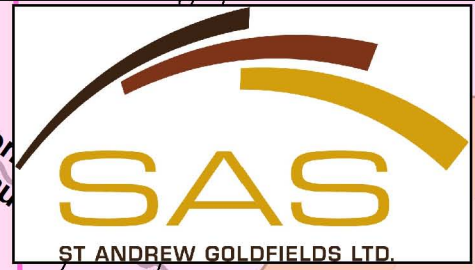
551800

552000

552200

552400

552600



West Pit

L24686

Gibson Fau

East Pit

HS14-001
4.70/3.9
Incl. 7.76/1.9

L24712

L26541

L26540

HS14-002
1.34/10.7


L26542

HISLOP TOWNSHIP

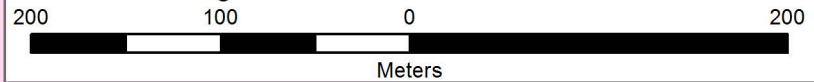
St Andrew Goldfields
Figure 3c: 2014 Drill Program-Hislop Project

October 2015 - Nad 83 Zone 17N
Scale 1:4,000

Collar Locations

-  HS14 series (grams/tonne Au) over core length (meters)
- 6.28/3.1**
- nsv** No Significant Values

-  Drillhole Trace
-  SAS Patents



5371600

5371400

5371200

5371000



GEOLOGY LEGEND

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

Figure 4



Appendix 1

Meterage Breakdown by Claim

Meterage by Claim

| Hole | Total Length (m) | CP468 | L23129 | L23130 | L24686 | L26963 | L26959 | L24712 | L26542 |
|--------------|------------------|-------------|---------------|------------|-------------|--------------|------------|------------|-----------|
| H14-001 | 372 | 372 | | | | | | | |
| H14-002 | 329 | 329 | | | | | | | |
| H14-003 | 200 | 200 | | | | | | | |
| H14-004 | 200 | 75 | 125 | | | | | | |
| H14-005 | 225 | 225 | | | | | | | |
| H14-006 | 231 | 231 | | | | | | | |
| H14-007 | 260 | 185 | 75 | | | | | | |
| H14-008 | 260 | 90 | 170 | | | | | | |
| H14-009 | 104 | 104 | | | | | | | |
| H14-010 | 147 | 147 | | | | | | | |
| H14-011 | 396 | | 396 | | | | | | |
| H14-012 | 240 | 240 | | | | | | | |
| H14-013 | 180 | 180 | | | | | | | |
| H14-014 | 150 | 150 | | | | | | | |
| H14-015 | 171 | 171 | | | | | | | |
| H14-016 | 147 | 147 | | | | | | | |
| H14-017 | 150 | 150 | | | | | | | |
| H14-018 | 171 | 171 | | | | | | | |
| H14-019 | 171 | 171 | | | | | | | |
| H14-020 | 300 | | 300 | | | | | | |
| H14-021 | 328.5 | | 328.5 | | | | | | |
| H14-022 | 300 | | 300 | | | | | | |
| H14-023 | 351 | | 351 | | | | | | |
| H14-024 | 399 | | 399 | | | | | | |
| HD14-001 | 1154 | | 1154 | | | | | | |
| HP14-001 | 276 | | | 140 | 136 | | | | |
| HP14-002 | 288 | | | 165 | 123 | | | | |
| HP14-003 | 381 | | | 195 | 186 | | | | |
| HP14-004 | 432 | | | | | 322 | 110 | | |
| HP14-005 | 396 | | | 90 | 306 | | | | |
| HP14-006 | 453 | | | | 433 | | 20 | | |
| HP14-007 | 366 | | | | | 326 | 40 | | |
| HP14-008 | 507.1 | | | | | 332.1 | 175 | | |
| HS14-001 | 252 | | | | | | | 210 | 42 |
| HS14-002 | 198 | | | | | | | 198 | |
| Total | 10485.6 | 3338 | 3598.5 | 590 | 1184 | 980.1 | 345 | 408 | 42 |
| %/Claim | 100% | 31.8% | 34.3% | 5.6% | 11.3% | 9.3% | 3.3% | 3.9% | 0.5% |



Appendix 2

Diamond Drill Logs

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 39.00 |
| | VMA | 39.00 |
| | | 145.20 |
| | VMP | 145.20 |
| | | 177.90 |
| | VGO | 177.90 |
| | | 186.40 |
| | VGO | 186.40 |
| | | 194.10 |
| | VMA | 194.10 |
| | | 233.20 |
| | VMP | 233.20 |
| | | 345.70 |
| | VMX | 345.70 |
| | | 353.90 |
| | VMP | 353.90 |
| | | 372.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-001 | Hole Type: DDH | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: CP468 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 372.00 |

| | | | | |
|---------------------|-----------------|---|---|---|
| Azimuth Dec: 200.00 | Dip Dec: -45.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

| | | |
|--------------------|--------------------------|-------------------------|
| Contractor: Garant | Start Date: Jan 10, 2014 | Completed: Jan 15, 2014 |
| Logged By: bhua | Entered On: Jan 12, 2014 | |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|-----------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83 | 5371830.000000 | 550960.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: H14-001

Units: METRIC

| | | | |
|------------------------------|-------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83 | Destination Coordinates Grid: UTM: | Collar Dip: -45.00 |
| Project Number: HISLOP | North: 5371830.00 | North: | Collar Az: 200.00 |
| Location: Hislop Township | East: 550960.00 | East: | Length: 372.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Jan 10, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Jan 15, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 372.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 200.00 | -45.00 | EZ Sho | OK | Collar | 59.00 | 198.30 | -43.30 | EZ Sho | OK | |
| 100.00 | 198.80 | -41.80 | EZ Sho | OK | | 150.00 | 201.60 | -39.50 | EZ Sho | OK | |
| 201.00 | 201.50 | -37.10 | EZ Sho | OK | | 252.00 | 200.60 | -35.90 | EZ Sho | OK | |
| 300.00 | 203.60 | -35.20 | EZ Sho | OK | | 351.00 | 205.30 | -33.40 | EZ Sho | OK | |
| 372.00 | 206.70 | -32.50 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|--------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
| 0.00 | 39.00 | HPO, OVERBURDEN OVERBURDEN - 39m of casing utilized. | | | | | | | |
| 39.00 | 145.20 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGDALOIDAL FLOW - Rock is dark evergreen. Aphanitic to very fine grained. Amygdules CHL filled and up to 1mm in diameter elongated 40 degrees TCA. Upper 40m strongly broken up. EP is weakly present around some CAR fractures. PY is visible clustered within minor fractures. QZ veinlets and CAR dominant veinlets present in very low concentration at low angle TCA. Interval of bleaching/weak SER alteration around 102-114.5m with increased CAR veins at consisten 60 degrees TCA. Minor brecciation.Rock is soft with no magnetism. | E5699310 | 100.60 | 102.00 | 1.40 | 0.00 | 0.00 | |
| | | | E5699311 | 102.00 | 102.80 | 0.80 | 0.01 | | |
| | | | E5699312 | 102.80 | 103.40 | 0.60 | 0.00 | | |
| | | | E5699313 | 103.40 | 104.00 | 0.60 | 0.00 | | |
| | | | E5699314 | 104.00 | 104.80 | 0.80 | 0.01 | | |
| | | | E5699316 | 104.80 | 105.60 | 0.80 | 0.37 | | |
| | | | E5699317 | 105.60 | 106.60 | 1.00 | 0.01 | | |
| | | | E5699318 | 106.60 | 106.90 | 0.30 | 0.01 | | |
| | | | E5699319 | 106.90 | 108.00 | 1.10 | 0.00 | | |
| | | | E5699320 | 108.00 | 109.50 | 1.50 | 0.08 | | |
| | | | E5699321 | 109.50 | 110.80 | 1.30 | 0.00 | | |
| | | | E5699322 | 110.80 | 111.70 | 0.90 | 0.00 | | |
| | | | E5699323 | 111.70 | 113.20 | 1.50 | 0.00 | 0.00 | |
| | | | E5699324 | 113.20 | 114.50 | 1.30 | 0.00 | | |
| | | | E5699326 | 114.50 | 115.60 | 1.10 | 0.00 | | |

Hole Number: H14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|--------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
| 145.20 | 177.90 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW - Rock is dark green. Presence of 1-2cm dark green to black pillow selvages. Aphanitic to very fine grained. HE alteration is present moderate to strong within minor fractures in low frequency. PY/PO is present within pillow selvages in low concentration. CAR (CAL) fractures are present throughout. At depth, increased BLE with increased CAR veining. CAR veins in bleached area may host xenoliths. Rock is soft to moderate with magnetism localized within pillow selvages. | E5699327 | 160.90 | 161.50 | 0.60 | 0.00 | | |
| | | | E5699328 | 161.50 | 162.60 | 1.10 | 0.01 | | |
| | | | E5699329 | 162.60 | 163.70 | 1.10 | 0.00 | | |
| | | | E5699330 | 163.70 | 164.60 | 0.90 | 0.01 | | |
| | | | E5699331 | 164.60 | 165.20 | 0.60 | 0.00 | | |
| | | | E5699332 | 165.20 | 166.30 | 1.10 | 0.00 | | |
| | | | E5699333 | 166.30 | 167.30 | 1.00 | 0.05 | | |
| | | | E5699335 | 167.30 | 168.00 | 0.70 | 0.00 | 0.00 | |
| | | | E5699336 | 168.00 | 169.50 | 1.50 | 0.01 | | |
| 177.90 | 186.40 | VGO, GABBRO MAFIC GABBRO - Rock is very dark green. Medium grained. Distinct upper contact, but broken or ground in core at unknown angle. HE present within microfractures moderate to strong in intensity rarely with EP alteration over patchy intervals. PY appears to be primary, euhedral and blebby in very low concentrations. Low frequency of CAR veinlets/stringers. Rock is moderate with moderate to strong pervasive magnetism. | | | | | | | |
| 186.40 | 194.10 | VGO, GABBRO LEUCOXENE GABBRO - The rock is dark green. Medium grained. Distinct upper contact 80 degrees TCA. Disseminated c.g. LCX present throughout with moderate fracture filling HE alteration. Trace to very low presence of sulphides, can be seen following along stringer. Low concentration of CAR veinlets, but minor CAR/QZ veinlet at end of unit may be shear vein. Rock is soft with no magnetism. | | | | | | | |
| 194.10 | 233.20 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGADOIDAL FLOW WITH MINOR PILLOW SELVAGES - Rock is dull dark green. Fine grained. Upper contact marked after possible shear veinlet approximately 80 degrees TCA. Minor disseminated LCX and patchy HE alteration near top of unit. Fracture controlled EP and fracture filling HE present in most of unit. BLE present where increased CAR veinlets occur. Blebby PY present in low concentrations. CAR veinlets increase at depth with minor xenoliths. QZ/CAR veinlets also at depth. Minor shear fabric present between 229.6-233.2m at 20-30 degrees TCA. Rock is soft with no magnetism. | E5699337 | 228.50 | 229.60 | 1.10 | 0.00 | 0.00 | |
| | | | E5699338 | 229.60 | 230.40 | 0.80 | 0.00 | | |
| | | | E5699339 | 230.40 | 231.50 | 1.10 | 0.01 | | |
| | | | E5699340 | 231.50 | 232.50 | 1.00 | 0.00 | | |
| | | | E5699341 | 232.50 | 233.20 | 0.70 | 0.00 | | |

Hole Number: H14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|--------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
| 233.20 | 345.70 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW WITH AMYGDULES - Rock is dark green. Aphanitic to fine grained. Indistinct upper contact marked where selvages become apparent. Pillow selvages approximately 1-2cm in thickness. CAR amygdules present up to 2mm in diameter. EP alteration is localized around CAR stringers and pillow selvages. Minor SER alteration present around QZ/CAR veinlets with increased BLE. Low concentrations of PY, but can be visible within pillow selvages. CAR stringers/veinlets present around 60 degrees TCA with QZ veins/veinlets scattered throughout. Rock is soft to moderate with no magnetism. | E5699342 | 233.20 | 234.30 | 1.10 | 0.01 | | |
| | | | E5699343 | 234.30 | 234.90 | 0.60 | 0.03 | | |
| | | | E5699344 | 234.90 | 235.90 | 1.00 | 0.00 | | |
| | | | E5699346 | 249.00 | 249.70 | 0.70 | 0.02 | 0.02 | |
| | | | E5699347 | 249.70 | 250.50 | 0.80 | 0.00 | | |
| | | | E5699348 | 250.50 | 251.30 | 0.80 | 0.00 | | |
| | | | E5699349 | 251.30 | 252.10 | 0.80 | 0.00 | | |
| | | | E5699350 | 252.10 | 252.50 | 0.40 | 0.00 | | |
| | | | E5699351 | 252.50 | 253.50 | 1.00 | 0.00 | | |
| | | | E5699352 | 312.90 | 313.90 | 1.00 | 0.00 | | |
| | | | E5699353 | 313.90 | 314.40 | 0.50 | 0.15 | | |
| | | | E5699355 | 314.40 | 315.20 | 0.80 | 0.07 | | |
| | | | E5699356 | 342.00 | 343.00 | 1.00 | 0.01 | | |
| | | | E5699357 | 343.00 | 344.00 | 1.00 | 0.00 | | |
| | | | E5699358 | 344.00 | 345.00 | 1.00 | 0.01 | | |
| | | | E5699359 | 345.00 | 345.70 | 0.70 | 0.01 | 0.01 | |
| 345.70 | 353.90 | VMX, MAFIC BRECCIA MASSIVE CARBONATE-QUARTZ-ALBITE? BRECCIATED VEIN WITHIN MAFIC PILLOWED FLOW - Rock is light grey to grey. Fine grained. Upper contact approximately 30 degrees TCA marked where veining occurs. Rock is dominantly veining, but minor intervals of mafic rock present with BLE and SER alteration. Dark CHL patches present throughout. PY clustered around the margins of the vein. Brecciation occurs throughout, angular clasts, crustiform texture present, but not strongly apparent. Rock is moderate with no magnetism. Entire unit is of interest. | E5699360 | 345.70 | 346.40 | 0.70 | 0.09 | | |
| | | | E5699361 | 346.40 | 347.20 | 0.80 | 0.52 | | |
| | | | E5699362 | 347.20 | 348.00 | 0.80 | 0.24 | | |
| | | | E5699363 | 348.00 | 348.60 | 0.60 | 0.07 | | |
| | | | E5699364 | 348.60 | 349.40 | 0.80 | 0.21 | | |
| | | | E5699366 | 349.40 | 350.00 | 0.60 | 0.26 | | |
| | | | E5699367 | 350.00 | 350.80 | 0.80 | 0.01 | | |
| | | | E5699368 | 350.80 | 351.70 | 0.90 | 0.09 | | |
| | | | E5699369 | 351.70 | 352.70 | 1.00 | 0.06 | | |
| | | | E5699370 | 352.70 | 353.60 | 0.90 | 0.07 | | |
| | | | E5699371 | 353.60 | 353.90 | 0.30 | 0.41 | 0.37 | |

DETAILED LOG

Hole Number: H14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|--------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
| 353.90 | 372.00 | VMP, VOLCANIC MASSIVE PILLOWED BLEACHED MAFIC PILLOWED FLOW - Rock is patchy yellow-beige and light green. Aphanitic to very fine grained. Upper contact marked where veining ends. SER alteration is fracture/vein controlled with BLE occurring throughout. Trace to very low presence of sulphides. Intervals consistent with VMX unit above at shallow angle TCA. Rock is moderate with no magnetism. | E5699372 | 353.90 | 354.90 | 1.00 | 0.02 | | |
| | | | E5699373 | 354.90 | 355.80 | 0.90 | 0.00 | | |
| | | | E5699374 | 355.80 | 356.20 | 0.40 | 0.00 | | |
| | | | E5699376 | 356.20 | 356.80 | 0.60 | 0.00 | | |
| | | | E5699377 | 356.80 | 357.60 | 0.80 | 0.04 | | |
| | | | E5699378 | 357.60 | 358.60 | 1.00 | 0.00 | | |
| | | | E5699379 | 358.60 | 359.20 | 0.60 | 0.01 | | |
| | | | E5699380 | 359.20 | 360.00 | 0.80 | 0.01 | | |
| | | | E5699381 | 360.00 | 360.90 | 0.90 | 0.38 | | |
| | | | E5699382 | 360.90 | 361.80 | 0.90 | 0.14 | | |
| | | | E5699383 | 361.80 | 362.90 | 1.10 | 0.01 | | |
| | | | E5699384 | 362.90 | 363.60 | 0.70 | 0.02 | 0.01 | |
| | | | E5699386 | 363.60 | 364.10 | 0.50 | 0.14 | | |
| | | | E5699387 | 364.10 | 365.20 | 1.10 | 0.01 | | |
| | | | E5699388 | 365.20 | 366.00 | 0.80 | 5.06 | | |
| | | | E5699389 | 366.00 | 366.50 | 0.50 | 0.12 | | |
| | | | E5699390 | 366.50 | 367.50 | 1.00 | 0.02 | | |
| | | | E5699391 | 367.50 | 368.10 | 0.60 | 0.01 | | |
| | | | E5699392 | 368.10 | 368.40 | 0.30 | 0.01 | | |
| | | | E5699393 | 368.40 | 369.10 | 0.70 | 0.01 | | |
| | | E5699394 | 369.10 | 370.10 | 1.00 | 0.00 | | | |
| | | E5699395 | 370.10 | 370.90 | 0.80 | 0.01 | | | |
| | | E5699396 | 370.90 | 372.00 | 1.10 | 0.00 | 0.01 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|--------------|-------------|
| Sample Type | ASSAY | | | | |
| E5699310 | 100.60 | 102.00 | 0.0030 | 0.0023 | |
| E5699311 | 102.00 | 102.80 | 0.0140 | | |
| E5699312 | 102.80 | 103.40 | 0.0030 | | |
| E5699313 | 103.40 | 104.00 | 0.0040 | | |
| E5699314 | 104.00 | 104.80 | 0.0130 | | |
| E5699316 | 104.80 | 105.60 | 0.3700 | | |
| E5699317 | 105.60 | 106.60 | 0.0070 | | |
| E5699318 | 106.60 | 106.90 | 0.0050 | | |
| E5699319 | 106.90 | 108.00 | 0.0030 | | |
| E5699320 | 108.00 | 109.50 | 0.0810 | | |
| E5699321 | 109.50 | 110.80 | 0.0020 | | |
| E5699322 | 110.80 | 111.70 | 0.0020 | | |
| E5699323 | 111.70 | 113.20 | 0.0030 | 0.0030 | |
| E5699324 | 113.20 | 114.50 | 0.0010 | | |

Hole Number: H14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|--------------|-------------|
| Sample Type | ASSAY | | | | |
| E5699326 | 114.50 | 115.60 | 0.0010 | | |
| E5699327 | 160.90 | 161.50 | 0.0030 | | |
| E5699328 | 161.50 | 162.60 | 0.0060 | | |
| E5699329 | 162.60 | 163.70 | 0.0040 | | |
| E5699330 | 163.70 | 164.60 | 0.0050 | | |
| E5699331 | 164.60 | 165.20 | 0.0020 | | |
| E5699332 | 165.20 | 166.30 | 0.0040 | | |
| E5699333 | 166.30 | 167.30 | 0.0490 | | |
| E5699335 | 167.30 | 168.00 | 0.0040 | 0.0040 | |
| E5699336 | 168.00 | 169.50 | 0.0050 | | |
| E5699337 | 228.50 | 229.60 | 0.0020 | 0.0010 | |
| E5699338 | 229.60 | 230.40 | 0.0005 | | |
| E5699339 | 230.40 | 231.50 | 0.0100 | | |
| E5699340 | 231.50 | 232.50 | 0.0020 | | |
| E5699341 | 232.50 | 233.20 | 0.0005 | | |
| E5699342 | 233.20 | 234.30 | 0.0100 | | |
| E5699343 | 234.30 | 234.90 | 0.0270 | | |
| E5699344 | 234.90 | 235.90 | 0.0005 | | |
| E5699346 | 249.00 | 249.70 | 0.0180 | 0.0170 | |
| E5699347 | 249.70 | 250.50 | 0.0020 | | |
| E5699348 | 250.50 | 251.30 | 0.0020 | | |
| E5699349 | 251.30 | 252.10 | 0.0030 | | |
| E5699350 | 252.10 | 252.50 | 0.0020 | | |
| E5699351 | 252.50 | 253.50 | 0.0030 | | |
| E5699352 | 312.90 | 313.90 | 0.0020 | | |
| E5699353 | 313.90 | 314.40 | 0.1510 | | |
| E5699355 | 314.40 | 315.20 | 0.0720 | | |
| E5699356 | 342.00 | 343.00 | 0.0060 | | |
| E5699357 | 343.00 | 344.00 | 0.0040 | | |
| E5699358 | 344.00 | 345.00 | 0.0100 | | |
| E5699359 | 345.00 | 345.70 | 0.0090 | 0.0090 | |
| E5699360 | 345.70 | 346.40 | 0.0940 | | |
| E5699361 | 346.40 | 347.20 | 0.5180 | | |
| E5699362 | 347.20 | 348.00 | 0.2370 | | |
| E5699363 | 348.00 | 348.60 | 0.0670 | | |
| E5699364 | 348.60 | 349.40 | 0.2090 | | |
| E5699366 | 349.40 | 350.00 | 0.2630 | | |
| E5699367 | 350.00 | 350.80 | 0.0090 | | |
| E5699368 | 350.80 | 351.70 | 0.0860 | | |

Hole Number: H14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|--------------|-------------|
| Sample Type | ASSAY | | | | |
| E5699369 | 351.70 | 352.70 | 0.0640 | | |
| E5699370 | 352.70 | 353.60 | 0.0670 | | |
| E5699371 | 353.60 | 353.90 | 0.4050 | 0.3690 | |
| E5699372 | 353.90 | 354.90 | 0.0240 | | |
| E5699373 | 354.90 | 355.80 | 0.0020 | | |
| E5699374 | 355.80 | 356.20 | 0.0005 | | |
| E5699376 | 356.20 | 356.80 | 0.0030 | | |
| E5699377 | 356.80 | 357.60 | 0.0370 | | |
| E5699378 | 357.60 | 358.60 | 0.0005 | | |
| E5699379 | 358.60 | 359.20 | 0.0070 | | |
| E5699380 | 359.20 | 360.00 | 0.0130 | | |
| E5699381 | 360.00 | 360.90 | 0.3770 | | |
| E5699382 | 360.90 | 361.80 | 0.1400 | | |
| E5699383 | 361.80 | 362.90 | 0.0090 | | |
| E5699384 | 362.90 | 363.60 | 0.0160 | 0.0130 | |
| E5699386 | 363.60 | 364.10 | 0.1400 | | |
| E5699387 | 364.10 | 365.20 | 0.0110 | | |
| E5699388 | 365.20 | 366.00 | 5.0600 | | |
| E5699389 | 366.00 | 366.50 | 0.1190 | | |
| E5699390 | 366.50 | 367.50 | 0.0160 | | |
| E5699391 | 367.50 | 368.10 | 0.0110 | | |
| E5699392 | 368.10 | 368.40 | 0.0100 | | |
| E5699393 | 368.40 | 369.10 | 0.0090 | | |
| E5699394 | 369.10 | 370.10 | 0.0040 | | |
| E5699395 | 370.10 | 370.90 | 0.0070 | | |
| E5699396 | 370.90 | 372.00 | 0.0040 | 0.0050 | |

GRAPHIC SUMMARY REPORT

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 56.00 |
| | VMP | 56.00 |
| | | 70.70 |
| | VMA | 70.70 |
| | | 91.10 |
| | VMM | 91.10 |
| | | 124.40 |
| | VMP | 124.40 |
| | | 273.40 |
| | VMX | 273.40 |
| | | 278.80 |
| | VMP | 278.80 |
| | | 329.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-002 | Hole Type: DDH | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: CP468 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 329.00 |

| | | | | |
|---------------------|-----------------|---|---|---|
| Azimuth Dec: 200.00 | Dip Dec: -50.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input checked="" type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

| | | |
|--------------------|--------------------------|-------------------------|
| Contractor: Garant | Start Date: Jan 24, 2014 | Completed: Jan 29, 2014 |
| Logged By: bhua | Entered On: Jan 27, 2014 | |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|-----------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83 | 5371730.000000 | 550960.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: H14-002

Units: METRIC

| | | | |
|------------------------------|-------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83 | Destination Coordinates Grid: UTM: | Collar Dip: -50.00 |
| Project Number: HISLOP | North: 5371730.00 | North: | Collar Az: 200.00 |
| Location: Hislop Township | East: 550960.00 | East: | Length: 329.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Jan 24, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Jan 29, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 329.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|--|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 205.40 | -45.80 | EZ Sho | OK | First test at 77m off from planned direction. This collar survey has | 77.00 | 205.40 | -45.80 | EZ Sho | OK | |
| 128.00 | 206.80 | -44.00 | EZ Sho | OK | | 179.00 | 208.30 | -41.60 | EZ Sho | OK | |
| 230.00 | 210.70 | -39.60 | EZ Sho | OK | | 281.00 | 211.50 | -37.50 | EZ Sho | OK | |
| 329.00 | 211.70 | -36.40 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|-------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_F | Au_Gpt_GRAV |
| 0.00 | 56.00 | HPO, OVERBURDEN OVERBURDEN - 57m of casing used. | | | | | | | |
| 56.00 | 70.70 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW - Rock is dark green. Aphanitic. Pillow selvages present up to 2 cm in width with clusters of amygdules. Appears to have weak faulting/slickensides at 30 degrees TCA. SER alteration weakly present around CAR veining. Trace amounts of sulphides. Moderate frequency of CAR veinlets/fracturing following faulting/slickensides. Rock is soft with no magnetism. | | | | | | | |
| 70.70 | 91.10 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGDALOIDAL FLOW - Rock is dark green with pale patches. Aphanitic to fine grained. Amygdules clustered up to 2mm in diameter. Distinct upper contact 20 degrees TCA marked under vein with change in grain size and alteration. Very weak SER and BLE areas located as haloes around CAR fractures. Generally trace amounts of pyrite, but minor CAR veining system with vein controlled v.f.g. PY associated with it in middle of unit. Low frequency of CAR veinlets. Rock is soft with no magnetism. | E5699440 | 81.60 | 82.60 | 1.00 | 0.01 | 0.01 | |
| | | | E5699441 | 82.60 | 83.00 | 0.40 | 0.01 | | |
| | | | E5699442 | 83.00 | 83.70 | 0.70 | 0.00 | | |
| | | | E5699443 | 83.70 | 84.10 | 0.40 | 0.05 | | |
| | | | E5699445 | 84.10 | 85.40 | 1.30 | 0.00 | | |

Hole Number: H14-002

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|--------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
| 91.10 | 124.40 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is pale green. Aphanitic. Indistinct upper contact marked at last pillow selvage. Weak SER alteration present as veinlet haloes. Generally low concentration to trace amounts of sulphides, but increase towards middle of unit where increase in CAR veining is present. PY within interval is blebby and vein hosted. CAR veins present throughout in varying frequencies, increased frequency may contain xenoliths. Rock is soft with no magnetism. | E5699446 | 96.00 | 97.00 | 1.00 | 0.15 | | |
| | | | E5699447 | 97.00 | 98.10 | 1.10 | 0.01 | | |
| | | | E5699448 | 98.10 | 98.90 | 0.80 | 0.03 | | |
| | | | E5699449 | 98.90 | 99.40 | 0.50 | 0.01 | | |
| | | | E5699450 | 99.40 | 100.20 | 0.80 | 0.01 | | |
| | | | E5699451 | 100.20 | 101.20 | 1.00 | 0.01 | | |
| | | | E5699452 | 101.20 | 101.50 | 0.30 | 0.00 | | |
| | | | E5699454 | 101.50 | 102.50 | 1.00 | 0.00 | 0.00 | |
| | | | E5699455 | 102.50 | 103.70 | 1.20 | 0.00 | | |
| | | | E5699456 | 103.70 | 104.90 | 1.20 | 0.00 | | |
| | | | E5699457 | 104.90 | 105.80 | 0.90 | 0.00 | | |
| | | | E5699458 | 105.80 | 106.80 | 1.00 | 0.00 | | |
| | | | E5699459 | 106.80 | 107.80 | 1.00 | 0.00 | | |
| | | | E5699460 | 107.80 | 108.20 | 0.40 | 0.00 | | |
| | | | E5699461 | 108.20 | 109.40 | 1.20 | 0.00 | | |
| | | | E5699462 | 109.40 | 110.00 | 0.60 | 0.00 | | |
| | | | E5699464 | 110.00 | 110.80 | 0.80 | 0.01 | | |
| | | | E5699465 | 110.80 | 112.00 | 1.20 | 0.00 | 0.00 | |
| | | | E5699466 | 112.00 | 113.30 | 1.30 | 0.01 | | |
| | | | E5699467 | 113.30 | 114.00 | 0.70 | 0.00 | | |
| | | | E5699468 | 114.00 | 114.70 | 0.70 | 0.00 | | |

DETAILED LOG

Hole Number: H14-002

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|--------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
| 124.40 | 273.40 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW - Rock is pale green. Aphanitic. Pillow selvages present up to 2 cm in width with clusters of amygdules. SER alteration weakly present around CAR veining. Trace amounts of sulphides. Rusting occurs around 163.8-166.1m due to possible fault/fracture. Rock is soft with no magnetism. | E5699469 | 134.00 | 134.90 | 0.90 | 0.01 | | |
| | | | E5699470 | 134.90 | 135.70 | 0.80 | 0.01 | | |
| | | | E5699471 | 135.70 | 136.70 | 1.00 | 0.14 | | |
| | | | E5699472 | 136.70 | 137.70 | 1.00 | 0.00 | | |
| | | | E5699473 | 142.90 | 144.00 | 1.10 | 0.00 | | |
| | | | E5699474 | 144.00 | 145.00 | 1.00 | 0.00 | | |
| | | | E5699476 | 145.00 | 146.00 | 1.00 | 0.01 | | |
| | | | E5699477 | 146.00 | 146.90 | 0.90 | 0.01 | | |
| | | | E5699478 | 146.90 | 147.90 | 1.00 | 0.00 | 0.01 | |
| | | | E5699479 | 147.90 | 149.00 | 1.10 | 0.01 | | |
| | | | E5699480 | 149.00 | 150.50 | 1.50 | 0.00 | | |
| | | | E5699481 | 150.50 | 152.00 | 1.50 | 0.00 | | |
| | | | E5699482 | 152.00 | 153.00 | 1.00 | 0.00 | | |
| | | | E5699483 | 153.00 | 153.90 | 0.90 | 0.00 | | |
| | | | E5699484 | 153.90 | 154.40 | 0.50 | 0.56 | | |
| | | | E5699486 | 154.40 | 155.00 | 0.60 | 0.01 | | |
| | | | E5699487 | 155.00 | 156.50 | 1.50 | 0.00 | | |
| | | | E5699488 | 156.50 | 158.00 | 1.50 | 0.00 | | |
| | | | E5699489 | 158.00 | 159.50 | 1.50 | 0.00 | | |
| | | | E5699490 | 159.50 | 160.80 | 1.30 | 0.00 | 0.00 | |
| | | | E5699491 | 160.80 | 161.30 | 0.50 | 0.00 | | |
| | | | E5699492 | 161.30 | 162.30 | 1.00 | 0.00 | | |
| | | | E5699494 | 162.30 | 162.70 | 0.40 | 0.00 | | |
| | | | E5699495 | 162.70 | 163.80 | 1.10 | 0.00 | | |
| | | | E5699496 | 163.80 | 165.00 | 1.20 | 0.01 | | |
| | | | E5699497 | 165.00 | 166.10 | 1.10 | 0.01 | | |
| | | | E5699498 | 166.10 | 166.90 | 0.80 | 0.02 | | |
| | | | E5699499 | 166.90 | 168.40 | 1.50 | 0.01 | | |
| | | | E5699500 | 168.40 | 169.80 | 1.40 | 0.00 | | |
| | | | E5699501 | 169.80 | 171.00 | 1.20 | 0.00 | | |
| | | | E5699502 | 171.00 | 171.50 | 0.50 | 0.01 | | |
| | | | E5699504 | 171.50 | 173.00 | 1.50 | 0.00 | | |
| | | | E5699505 | 173.00 | 174.50 | 1.50 | 0.01 | | |
| | | | E5699506 | 174.50 | 176.00 | 1.50 | 0.00 | | |
| | | | E5699507 | 176.00 | 177.50 | 1.50 | 0.01 | | |
| | | | E5699508 | 177.50 | 179.00 | 1.50 | 0.00 | | |
| | | | E5699509 | 179.00 | 180.00 | 1.00 | 0.01 | | |
| | | | E5699510 | 180.00 | 181.20 | 1.20 | 0.01 | | |
| | | | E5699511 | 181.20 | 182.30 | 1.10 | 0.01 | | |
| | | | E5699512 | 182.30 | 183.70 | 1.40 | 0.20 | | |
| | | | E5699513 | 183.70 | 185.00 | 1.30 | 0.01 | | |
| | | | E5699514 | 262.50 | 263.50 | 1.00 | 0.01 | | |
| | | | E5699515 | 263.50 | 264.60 | 1.10 | 0.12 | 0.10 | |

Hole Number: H14-002

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|--------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
| | | | E5699517 | 264.60 | 265.60 | 1.00 | 0.04 | | |
| | | | E5699518 | 265.60 | 266.60 | 1.00 | 0.07 | | |
| | | | E5699519 | 266.60 | 268.00 | 1.40 | 0.07 | | |
| | | | E5699520 | 268.00 | 269.40 | 1.40 | 0.14 | 0.11 | |
| | | | E5699521 | 269.40 | 270.80 | 1.40 | 0.00 | | |
| | | | E5699522 | 270.80 | 272.10 | 1.30 | 0.02 | | |
| | | | E5699523 | 272.10 | 273.40 | 1.30 | 0.00 | | |
| 273.40 | 278.80 | VMX, MAFIC BRECCIA MASSIVE CARBONATE-QUARTZ-ALBITE? BRECCIATED VEIN WITHIN MAFIC PILLOWED FLOW - Rock is light grey to grey. Fine grained. Upper contact approximately 40 degrees TCA marked where veining occurs. Rock is dominantly veining, but minor intervals of mafic rock present with BLE and SER alteration. Dark CHL patches present throughout. PY clustered around the margins of the vein. Brecciation occurs throughout, angular clasts, crustiform texture present, but not strongly apparent. Rock is moderate with no magnetism. Entire unit is of interest. | E5699524 | 273.40 | 274.10 | 0.70 | 0.01 | | |
| | | | E5699525 | 274.10 | 274.90 | 0.80 | 0.07 | | |
| | | | E5699527 | 274.90 | 275.30 | 0.40 | 0.03 | | |
| | | | E5699528 | 275.30 | 276.30 | 1.00 | 0.87 | | |
| | | | E5699529 | 276.30 | 277.10 | 0.80 | 2.21 | | |
| | | | E5699530 | 277.10 | 277.70 | 0.60 | 0.45 | | |
| | | | E5699531 | 277.70 | 278.30 | 0.60 | 3.13 | | |
| | | | E5699532 | 278.30 | 278.80 | 0.50 | 1.98 | | |
| 278.80 | 329.00 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW - Rock is pale green. Aphanitic. Pillow selvages present up to 2 cm in width. Trace amounts of sulphides. CAR veinlets present throughout at consisten 40-50 degrees TCA. Rock is soft with no magnetism. | E5699534 | 278.80 | 279.90 | 1.10 | 0.05 | 0.05 | |
| | | | E5699535 | 279.90 | 281.00 | 1.10 | 0.86 | | |
| | | | E5512707 | 323.20 | 324.00 | 0.80 | 0.24 | | |
| | | | E5512708 | 324.00 | 324.70 | 0.70 | 2.02 | | |
| | | | E5512709 | 324.70 | 326.00 | 1.30 | 0.02 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|--------------|-------------|
| Sample Type | ASSAY | | | | |
| E5699440 | 81.60 | 82.60 | 0.0070 | 0.0050 | |
| E5699441 | 82.60 | 83.00 | 0.0080 | | |
| E5699442 | 83.00 | 83.70 | 0.0040 | | |
| E5699443 | 83.70 | 84.10 | 0.0500 | | |
| E5699445 | 84.10 | 85.40 | 0.0040 | | |
| E5699446 | 96.00 | 97.00 | 0.1460 | | |
| E5699447 | 97.00 | 98.10 | 0.0090 | | |
| E5699448 | 98.10 | 98.90 | 0.0280 | | |
| E5699449 | 98.90 | 99.40 | 0.0060 | | |
| E5699450 | 99.40 | 100.20 | 0.0060 | | |
| E5699451 | 100.20 | 101.20 | 0.0080 | | |
| E5699452 | 101.20 | 101.50 | 0.0005 | | |
| E5699454 | 101.50 | 102.50 | 0.0040 | 0.0010 | |
| E5699455 | 102.50 | 103.70 | 0.0040 | | |
| E5699456 | 103.70 | 104.90 | 0.0040 | | |
| E5699457 | 104.90 | 105.80 | 0.0005 | | |

Hole Number: H14-002

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|--------------|-------------|
| Sample Type | ASSAY | | | | |
| E5699458 | 105.80 | 106.80 | 0.0020 | | |
| E5699459 | 106.80 | 107.80 | 0.0030 | | |
| E5699460 | 107.80 | 108.20 | 0.0005 | | |
| E5699461 | 108.20 | 109.40 | 0.0030 | | |
| E5699462 | 109.40 | 110.00 | 0.0020 | | |
| E5699464 | 110.00 | 110.80 | 0.0050 | | |
| E5699465 | 110.80 | 112.00 | 0.0040 | 0.0040 | |
| E5699466 | 112.00 | 113.30 | 0.0080 | | |
| E5699467 | 113.30 | 114.00 | 0.0030 | | |
| E5699468 | 114.00 | 114.70 | 0.0040 | | |
| E5699469 | 134.00 | 134.90 | 0.0100 | | |
| E5699470 | 134.90 | 135.70 | 0.0130 | | |
| E5699471 | 135.70 | 136.70 | 0.1410 | | |
| E5699472 | 136.70 | 137.70 | 0.0010 | | |
| E5699473 | 142.90 | 144.00 | 0.0030 | | |
| E5699474 | 144.00 | 145.00 | 0.0010 | | |
| E5699476 | 145.00 | 146.00 | 0.0130 | | |
| E5699477 | 146.00 | 146.90 | 0.0100 | | |
| E5699478 | 146.90 | 147.90 | 0.0020 | 0.0060 | |
| E5699479 | 147.90 | 149.00 | 0.0070 | | |
| E5699480 | 149.00 | 150.50 | 0.0020 | | |
| E5699481 | 150.50 | 152.00 | 0.0040 | | |
| E5699482 | 152.00 | 153.00 | 0.0010 | | |
| E5699483 | 153.00 | 153.90 | 0.0005 | | |
| E5699484 | 153.90 | 154.40 | 0.5620 | | |
| E5699486 | 154.40 | 155.00 | 0.0090 | | |
| E5699487 | 155.00 | 156.50 | 0.0020 | | |
| E5699488 | 156.50 | 158.00 | 0.0010 | | |
| E5699489 | 158.00 | 159.50 | 0.0020 | | |
| E5699490 | 159.50 | 160.80 | 0.0005 | 0.0030 | |
| E5699491 | 160.80 | 161.30 | 0.0010 | | |
| E5699492 | 161.30 | 162.30 | 0.0030 | | |
| E5699494 | 162.30 | 162.70 | 0.0010 | | |
| E5699495 | 162.70 | 163.80 | 0.0005 | | |
| E5699496 | 163.80 | 165.00 | 0.0050 | | |
| E5699497 | 165.00 | 166.10 | 0.0100 | | |
| E5699498 | 166.10 | 166.90 | 0.0160 | | |
| E5699499 | 166.90 | 168.40 | 0.0080 | | |
| E5699500 | 168.40 | 169.80 | 0.0020 | | |

Hole Number: H14-002

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|--------------|-------------|
| Sample Type | ASSAY | | | | |
| E5699501 | 169.80 | 171.00 | 0.0020 | | |
| E5699502 | 171.00 | 171.50 | 0.0120 | | |
| E5699504 | 171.50 | 173.00 | 0.0040 | | |
| E5699505 | 173.00 | 174.50 | 0.0100 | | |
| E5699506 | 174.50 | 176.00 | 0.0020 | | |
| E5699507 | 176.00 | 177.50 | 0.0050 | | |
| E5699508 | 177.50 | 179.00 | 0.0040 | | |
| E5699509 | 179.00 | 180.00 | 0.0050 | | |
| E5699510 | 180.00 | 181.20 | 0.0070 | | |
| E5699511 | 181.20 | 182.30 | 0.0050 | | |
| E5699512 | 182.30 | 183.70 | 0.1950 | | |
| E5699513 | 183.70 | 185.00 | 0.0070 | | |
| E5699514 | 262.50 | 263.50 | 0.0060 | | |
| E5699515 | 263.50 | 264.60 | 0.1150 | 0.0950 | |
| E5699517 | 264.60 | 265.60 | 0.0390 | | |
| E5699518 | 265.60 | 266.60 | 0.0730 | | |
| E5699519 | 266.60 | 268.00 | 0.0720 | | |
| E5699520 | 268.00 | 269.40 | 0.1390 | 0.1140 | |
| E5699521 | 269.40 | 270.80 | 0.0030 | | |
| E5699522 | 270.80 | 272.10 | 0.0220 | | |
| E5699523 | 272.10 | 273.40 | 0.0040 | | |
| E5699524 | 273.40 | 274.10 | 0.0120 | | |
| E5699525 | 274.10 | 274.90 | 0.0660 | | |
| E5699527 | 274.90 | 275.30 | 0.0310 | | |
| E5699528 | 275.30 | 276.30 | 0.8720 | | |
| E5699529 | 276.30 | 277.10 | 2.2100 | | |
| E5699530 | 277.10 | 277.70 | 0.4450 | | |
| E5699531 | 277.70 | 278.30 | 3.1300 | | |
| E5699532 | 278.30 | 278.80 | 1.9800 | | |
| E5699534 | 278.80 | 279.90 | 0.0450 | 0.0450 | |
| E5699535 | 279.90 | 281.00 | 0.8610 | | |
| E5512707 | 323.20 | 324.00 | 0.2380 | | |
| E5512708 | 324.00 | 324.70 | 2.0200 | | |
| E5512709 | 324.70 | 326.00 | 0.0220 | | |

| | |
|-----|--------|
| HPO | 0 |
| | 9.00 |
| VMM | 9.00 |
| | 41.00 |
| VMM | 41.00 |
| | 92.80 |
| VMM | 92.80 |
| | 126.70 |
| VMX | 126.70 |
| | 136.80 |
| VMM | 136.80 |
| | 200.00 |

| | | | | | |
|---------------------------|--|---------------------------|--|---------------|------------|
| Hole No: H14-003 | | Hole Type: DDH | | Hole Size: NQ | |
| Location: Hislop Township | | Core Storage: Exploration | | | |
| Casing: YES | | Claim No: CP468 | | | |
| Unit of Degree: DECIMAL | | Unit of Measure: METRIC | | From: 0 | To: 200.00 |

| | | | | | | |
|--------------------|--|-----------------|--|---|---|---|
| Azimuth Dec: 40.00 | | Dip Dec: -45.00 | | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

| | | | | | |
|--------------------|--|--------------------------|--|-------------------------|--|
| Contractor: Garant | | Start Date: Feb 06, 2014 | | Completed: Feb 08, 2014 | |
| Logged By: bhua | | Entered On: Feb 08, 2014 | | | |
| Comments: | | | | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|-----------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83 | 5372100.000000 | 551560.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: H14-003

Units: METRIC

| | | | |
|------------------------------|-------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83 | Destination Coordinates Grid: UTM: | Collar Dip: -45.00 |
| Project Number: HISLOP | North: 5372100.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551560.00 | East: | Length: 200.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Feb 06, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Feb 08, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 200.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 40.00 | -45.00 | EZ Sho | DO | Planned collar; Dip only due to deviation in first test | 29.00 | 36.00 | -45.90 | EZ Sho | OK | |
| 50.00 | 33.10 | -46.00 | EZ Sho | OK | | 59.00 | 43.40 | -46.10 | EZ Sho | DO | |
| 101.00 | 35.00 | -45.60 | EZ Sho | OK | | 152.00 | 39.30 | -46.00 | EZ Sho | OK | |
| 200.00 | 37.40 | -45.30 | EZ Sho | OK | | | | | | | |
| | | | | | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|-------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_F | Au_Gpt_GRAV |
| 0.00 | 9.00 | HPO, OVERBURDEN OVERBURDEN - 9m of casing used | | | | | | | |
| 9.00 | 41.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Aphanitic to fine grained. Rubble present at top of interval. Moderate HE alteration only present along margins of some CAR veinlets. Trace amounts of sulphides, but can be concentrated within CAR veinlets. Low frequency of CAR veinlets/fractures/stringers. Rock is soft with patchy moderate magnetism. | | | | | | | |
| 41.00 | 92.80 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC FLOW WITH RECRYSTALLIZATION - Rock is dark green. Medium to coarse grained. Likely recrystallization towards centre of flow. Amphibole crystals up to 0.5mm in diameter. EP alteration is moderate and CAR fracture replacing. LCX is present around CAR veinlet. Generally, trace amounts of sulphides, but can replace entire CAR stringers and moderately disseminated around CAR brecciated veinlet. Low frequency of CAR veinlets. Rock is soft with patchy moderate magnetism. | E5700560 | 64.50 | 65.00 | 0.50 | 0.79 | 0.83 | |
| | | | E5700561 | 65.00 | 65.60 | 0.60 | 0.94 | | |
| | | | E5700562 | 65.60 | 66.20 | 0.60 | 0.03 | | |
| 92.80 | 126.70 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Aphanitic to fine grained. Indistinct upper contact. Fracture controlled/filling EP alteration. PY is clustered within QZ dominant veinlets and CAR stringers. Low frequency of veining overall. Rock is soft with patchy moderate magnetism. | E5700563 | 123.70 | 125.00 | 1.30 | 0.02 | | |
| | | | E5700564 | 125.00 | 125.90 | 0.90 | 0.02 | | |
| | | | E5700566 | 125.90 | 126.70 | 0.80 | 0.01 | | |

DETAILED LOG

Hole Number: H14-003

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|--------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
| 126.70 | 136.80 | VMX, MAFIC BRECCIA MAFIC VOLCANIC ROCK WITH BRECCIATED QUARTZ VEINS - Rock is dark green with olive yellow tint. Fine grained. Upper contact marked where brecciation and SER alteration begins and increases. SER alteration is faint and weak but present generally associated with brecciation and along margins of veins. Increased concentration of disseminated PY around QZ veins. QZ veins are fragmented and brecciated with crustiform texture. Also, xenoliths present within QZ veins. Rock is soft with no magnetism. Entire unit is of interest. | E5700567 | 126.70 | 127.30 | 0.60 | 0.01 | | |
| | | | E5700568 | 127.30 | 128.40 | 1.10 | 0.01 | | |
| | | | E5700569 | 128.40 | 128.90 | 0.50 | 0.00 | | |
| | | | E5700570 | 128.90 | 129.40 | 0.50 | 0.00 | | |
| | | | E5700571 | 129.40 | 130.20 | 0.80 | 0.96 | | |
| | | | E5700572 | 130.20 | 131.20 | 1.00 | 0.95 | | |
| | | | E5700573 | 131.20 | 132.20 | 1.00 | 0.42 | | |
| | | | E5700574 | 132.20 | 133.50 | 1.30 | 0.04 | 0.05 | |
| | | | E5700575 | 133.50 | 134.50 | 1.00 | 10.00 | | 20.90 |
| | | | E5700577 | 134.50 | 135.30 | 0.80 | 10.00 | | 12.50 |
| | | | E5700578 | 135.30 | 136.00 | 0.70 | 10.00 | 36.20 | 38.10 |
| | | E5700579 | 136.00 | 136.80 | 0.80 | 1.43 | | | |
| 136.80 | 200.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Aphanitic to fine grained. Indistinct upper contact marked when veining ends. Fracture controlled/filling EP alteration. PY is clustered within QZ dominant veinlets and CAR stringers. Low frequency of veining overall. Rock is soft with patchy moderate magmetism. | E5700580 | 136.80 | 137.90 | 1.10 | 1.68 | | |
| | | | E5700581 | 137.90 | 138.60 | 0.70 | 0.04 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|--------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700560 | 64.50 | 65.00 | 0.7880 | 0.8340 | |
| E5700561 | 65.00 | 65.60 | 0.9350 | | |
| E5700562 | 65.60 | 66.20 | 0.0300 | | |
| E5700563 | 123.70 | 125.00 | 0.0180 | | |
| E5700564 | 125.00 | 125.90 | 0.0210 | | |
| E5700566 | 125.90 | 126.70 | 0.0080 | | |
| E5700567 | 126.70 | 127.30 | 0.0100 | | |
| E5700568 | 127.30 | 128.40 | 0.0060 | | |
| E5700569 | 128.40 | 128.90 | 0.0040 | | |
| E5700570 | 128.90 | 129.40 | 0.0040 | | |
| E5700571 | 129.40 | 130.20 | 0.9630 | | |
| E5700572 | 130.20 | 131.20 | 0.9460 | | |
| E5700573 | 131.20 | 132.20 | 0.4170 | | |
| E5700574 | 132.20 | 133.50 | 0.0420 | 0.0490 | |
| E5700575 | 133.50 | 134.50 | 10.0000 | | 20.9000 |
| E5700577 | 134.50 | 135.30 | 10.0000 | | 12.5000 |
| E5700578 | 135.30 | 136.00 | 10.0000 | 36.2000 | 38.1000 |
| E5700579 | 136.00 | 136.80 | 1.4300 | | |
| E5700580 | 136.80 | 137.90 | 1.6800 | | |

Hole Number: H14-003

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | AuDUP_Gpt_FA | Au_Gpt_GRAV |
|-------------------------------|--------|--------|-----------|--------------|-------------|
| Sample Type ASSAY E5700581 | 137.90 | 138.60 | 0.0410 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| | 0 |
| HPO | 4.10 |
| VMV | 4.10 |
| | 62.60 |
| VMX | 62.60 |
| | 68.20 |
| VMV | 68.20 |
| | 200.00 |

| | | | | | |
|---------------------------|--|---------------------------|--|---------------|------------|
| Hole No: H14-004 | | Hole Type: DDH | | Hole Size: NQ | |
| Location: Hislop Township | | Core Storage: Exploration | | | |
| Casing: YES | | Claim No: CP468 | | | |
| Unit of Degree: DECIMAL | | Unit of Measure: METRIC | | From: 0 | To: 200.00 |

| | | | | |
|--------------------|-----------------|---|---|---|
| Azimuth Dec: 40.00 | Dip Dec: -45.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Garant Start Date: Feb 09, 2014 Completed: Feb 12, 2014

Logged By: bhua Entered On: Feb 12, 2014

Comments:

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372100.000000 | 551610.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: H14-004

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -45.00 |
| Project Number: HISLOP | North: 5372100.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551610.00 | East: | Length: 200.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Feb 09, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Feb 12, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 200.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 40.00 | -43.90 | EZ Sho | DO | Planned collar; Dip only as first test shows minor deviation. Dip | 29.00 | 38.40 | -43.90 | EZ Sho | OK | |
| 50.00 | 38.90 | -43.90 | EZ Sho | OK | | 101.00 | 37.50 | -43.90 | EZ Sho | OK | |
| 152.00 | 38.10 | -43.00 | EZ Sho | OK | | 200.00 | 37.20 | -42.80 | EZ Sho | OK | |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
| 0.00 | 4.10 | HPO, OVERBURDEN OVERBURDEN - 4.5m of casing used | | | | | | | |
| 4.10 | 62.60 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green. Aphanitic. Fracture controlled EP alteration. Weak to moderate patches of varioles present. Locally brecciated up to 0.4 m in length with angular clasts up to 1.5cm in diameter. Trace amounts of sulphides throughout, but generally concentrated withing fractures and QZ veining. Very low presence of QZ veining and CAR stringers. Rock is soft with patchy moderate magnetism. | E5700582 | 59.50 | 60.90 | 1.40 | 0.00 | 0.00 | |
| | | | E5700583 | 60.90 | 61.40 | 0.50 | 0.01 | | |
| | | | E5700584 | 61.40 | 62.60 | 1.20 | 0.00 | | |
| 62.60 | 68.20 | VMX, MAFIC BRECCIA WEAKLY BRECCIATED MAFIC ROCK - Rock is green with yellow tint. Aphanitic. Upper contact marked by increase in SER and brecciation. Spotty varioles present. SER is mainly fracture controlled, but present throughout giving appearance of semi-pervasiveness. Clustered PY within stringers and veinlets. CAR veinlets/stringers present in low frequency as well as fractured QZ/CAR veinlets at shallow angles TCA. Rock is soft with no magnetism. | E5700585 | 62.60 | 63.30 | 0.70 | 0.01 | | |
| | | | E5700587 | 63.30 | 64.10 | 0.80 | 0.00 | | |
| | | | E5700588 | 64.10 | 65.40 | 1.30 | 0.00 | | |
| | | | E5700589 | 65.40 | 65.90 | 0.50 | 0.00 | | |
| | | | E5700590 | 65.90 | 66.50 | 0.60 | 0.00 | | |
| | | | E5700591 | 66.50 | 67.00 | 0.50 | 0.01 | | |
| | | | E5700592 | 67.00 | 68.20 | 1.20 | 0.01 | | |

Hole Number: H14-004

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
| 68.20 | 200.00 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC ROCK - Rock is dark green transitioning to very dark grey. Aphanitic. Varioles present throughout. Upper contact marked where SER alteration decreases. HE is patchy and infrequent. EP is fracture controlled/filling. Trace amounts of sulphides, but can be present within veinlets/stringers. QZ veins very infrequent and at shallow angle TCA. At depth, QZ veins host xenoliths also very infrequent though. CAR stringers/veinlets also present with EP alteration. Rock is moderate with patchy strong magnetism. | E5700593 | 68.20 | 69.30 | 1.10 | 0.00 | | |
| | | | E5700594 | 149.70 | 150.40 | 0.70 | 0.00 | | |
| | | | E5700595 | 150.40 | 150.90 | 0.50 | 0.01 | 0.01 | |
| | | | E5700597 | 150.90 | 152.00 | 1.10 | 0.00 | | |
| | | | E5700598 | 180.10 | 181.10 | 1.00 | 0.02 | | |
| | | | E5700599 | 181.10 | 181.40 | 0.30 | 0.06 | | |
| | | | E5700600 | 181.40 | 182.30 | 0.90 | 0.02 | | |
| | | | E5700601 | 182.30 | 183.10 | 0.80 | 0.00 | | |
| | | | E5700602 | 183.10 | 183.40 | 0.30 | 0.00 | | |
| | | | E5700604 | 183.40 | 184.40 | 1.00 | 0.00 | | |
| | | | E5700605 | 184.40 | 185.50 | 1.10 | 0.00 | | |

Samples

| Sample Number | From | To | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700582 | 59.50 | 60.90 | 0.0010 | 0.0020 | |
| E5700583 | 60.90 | 61.40 | 0.0110 | | |
| E5700584 | 61.40 | 62.60 | 0.0005 | | |
| E5700585 | 62.60 | 63.30 | 0.0090 | | |
| E5700587 | 63.30 | 64.10 | 0.0020 | | |
| E5700588 | 64.10 | 65.40 | 0.0005 | | |
| E5700589 | 65.40 | 65.90 | 0.0020 | | |
| E5700590 | 65.90 | 66.50 | 0.0020 | | |
| E5700591 | 66.50 | 67.00 | 0.0140 | | |
| E5700592 | 67.00 | 68.20 | 0.0050 | | |
| E5700593 | 68.20 | 69.30 | 0.0010 | | |
| E5700594 | 149.70 | 150.40 | 0.0040 | | |
| E5700595 | 150.40 | 150.90 | 0.0140 | 0.0140 | |
| E5700597 | 150.90 | 152.00 | 0.0040 | | |
| E5700598 | 180.10 | 181.10 | 0.0230 | | |
| E5700599 | 181.10 | 181.40 | 0.0600 | | |
| E5700600 | 181.40 | 182.30 | 0.0150 | | |
| E5700601 | 182.30 | 183.10 | 0.0010 | | |
| E5700602 | 183.10 | 183.40 | 0.0005 | | |
| E5700604 | 183.40 | 184.40 | 0.0030 | | |
| E5700605 | 184.40 | 185.50 | 0.0005 | | |

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 12.00 |
| | VUO | 12.00 |
| | | 18.20 |
| | VUX | 18.20 |
| | | 28.10 |
| | VMV | 28.10 |
| | | 57.80 |
| | VGO | 57.80 |
| | | 151.20 |
| | VMV | 151.20 |
| | | 225.00 |

Hole No: H14-005 Hole Type: DDH Hole Size: NQ
 Location: Hislop Township Core Storage: Exploration
 Casing: YES Claim No: CP468
 Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 225.00

Azimuth Dec: 40.00 Dip Dec: -55.00 Collar Survey: Pulse Em Survey: Multi Shot Survey:
 Making Water: Is Hole Plugged: Is Cemented:

Contractor: Garant Start Date: Feb 13, 2014 Completed: Feb 20, 2014
 Logged By: bhua Entered On: Feb 20, 2014
 Comments:

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372100.000000 | 551300.000000 | 300.0000 | UTM:NAD83: | | | | |

DETAILED LOG

Hole Number: H14-005

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|--|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM:NAD83: | Collar Dip: -55.00 |
| Project Number: HISLOP | North: 5372100.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551300.00 | East: | Length: 225.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Feb 13, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Feb 20, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 225.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|--|--------|--------------------|----------------|--------------|------|--|
| 0.00 | 40.00 | -55.00 | EZ Sho | DO | Planned collar; Dip only as first test shows deviation | 33.00 | 35.30 | -55.30 | EZ Sho | OK | Azi off. Mag a little low. Azi deemed unreliable |
| 51.00 | 33.00 | -54.30 | EZ Sho | OK | | 102.00 | 34.10 | -54.00 | EZ Sho | OK | |
| 150.00 | 35.20 | -53.90 | EZ Sho | OK | | 201.00 | 43.20 | -54.20 | EZ Sho | DO | |
| 225.00 | 38.50 | -53.90 | EZ Sho | OK | | | | | | | |
| | | | | | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 12.00 | HPO, OVERBURDEN OVERBURDEN - 12m of casing used. | | | | | | | |
| 12.00 | 18.20 | VUO, ULTRAMAFIC VOLCANIC MASSIVE ULTRAMAFIC ROCK - Rock is black. Aphanitic. Pervasive CHL alteration. Trace amounts of sulphides. CAR rounded pods present throughout. Rock is very soft with patchy moderate magnetism. | E5700606 | 16.20 | 17.20 | 1.00 | | | |
| | | | E5700607 | 17.20 | 18.20 | 1.00 | | | |
| 18.20 | 28.10 | VUX, Ultramafic Breccia MAFIC TO ULTRAMAFIC ROCK WITH BRECCIATION AND VARYING ALTERATION - Rock begins pale red and transitions to grey with yellow green tint. Fine grained to aphanitic. Distinct upper contact 40 degrees TCA. Rock begins to have fracture controlled HE alteration with weak SIL. Increasing SER alteration is wispy located around veinlet/foliation margins and moderate to strong in intensity. 2-3% f.g. disseminated PY with HE altered rock. Clustered blebs of PY at depth. Rock is moderately brecciated with weak foliation 30-40 degrees TCA. Rock is soft with no magnetism. | E5700608 | 18.20 | 19.20 | 1.00 | | | |
| | | | E5700609 | 19.20 | 20.20 | 1.00 | | | |
| | | | E5700611 | 20.20 | 21.20 | 1.00 | | | |
| | | | E5700612 | 21.20 | 21.70 | 0.50 | | | |
| | | | E5700613 | 21.70 | 22.70 | 1.00 | | | |
| | | | E5700614 | 22.70 | 23.80 | 1.10 | | | |
| | | | E5700615 | 23.80 | 24.80 | 1.00 | | | |
| | | | E5700616 | 24.80 | 25.90 | 1.10 | | | |
| | | | E5700617 | 25.90 | 27.00 | 1.10 | | | |
| | | | E5700618 | 27.00 | 28.10 | 1.10 | | | |

Hole Number: H14-005

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 28.10 | 57.80 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC AND SPHERULITIC FLOW - Rock is very dark grey to black with patchy red/green tint depending on dominant alteration. HE alteration is patchy and pervasive. Paler intervals present from varioles/spherules. Generally, trace to very low presence of PY, can be seen clustered. Low frequency of CAR veinlets and fractures. Rock is hard with no magnetism. | E5700619 | 28.10 | 29.20 | 1.10 | | | |
| | | | E5700621 | 29.20 | 30.20 | 1.00 | | | |
| | | | E5700622 | 30.20 | 31.20 | 1.00 | | | |
| | | | E5700623 | 31.20 | 32.20 | 1.00 | | | |
| | | | E5700624 | 32.20 | 33.20 | 1.00 | 0.02 | 0.02 | |
| | | | E5700625 | 33.20 | 34.20 | 1.00 | 0.04 | | |
| | | | E5700626 | 34.20 | 35.70 | 1.50 | 0.04 | | |
| | | | E5700627 | 35.70 | 37.20 | 1.50 | 0.04 | | |
| | | | E5700628 | 37.20 | 38.70 | 1.50 | 0.04 | | |
| | | | E5700629 | 38.70 | 40.20 | 1.50 | 0.01 | | |
| | | | E5700630 | 40.20 | 41.70 | 1.50 | 0.01 | | |
| | | | E5700632 | 41.70 | 43.10 | 1.40 | 0.01 | | |
| | | | E5700633 | 43.10 | 44.40 | 1.30 | 0.01 | | |
| | | | E5700634 | 44.40 | 45.40 | 1.00 | 0.01 | | |
| | | | E5700635 | 45.40 | 46.40 | 1.00 | 0.01 | | |
| | | | E5700636 | 46.40 | 47.60 | 1.20 | 0.01 | 0.00 | |
| | | | E5700637 | 47.60 | 49.00 | 1.40 | 0.01 | | |
| | | | E5700638 | 49.00 | 50.50 | 1.50 | 0.04 | | |
| | | | E5700639 | 50.50 | 52.00 | 1.50 | 0.04 | | |
| | | | E5700641 | 52.00 | 53.50 | 1.50 | 0.00 | | |
| | | | E5700642 | 53.50 | 55.00 | 1.50 | 0.01 | | |
| | | | E5700643 | 55.00 | 56.50 | 1.50 | 0.03 | | |
| | | | E5700644 | 56.50 | 57.80 | 1.30 | 3.81 | | |
| 57.80 | 151.20 | VGO, GABBRO LEUCOXENE AND AMPHIBOLE GABBRO - Rock transitions from pale green to dark green. Medium grained with recrystallized amphibole crystals. Fine to medium grained disseminated LCX or rutile present throughout with minor fracture controlled HE. Possible HE also disseminated throughout. Trace amounts of sulphides. Low frequency of CAR fractures and veinlets. QZ brecciated veinlets present at top of unit. Rock is soft with semi-pervasive weak magnetism. | E5700645 | 57.80 | 58.10 | 0.30 | 0.12 | | |
| | | | E5700646 | 58.10 | 59.20 | 1.10 | 0.01 | | |
| | | | E5700647 | 59.20 | 60.30 | 1.10 | 0.00 | | |
| | | | E5700648 | 60.30 | 60.60 | 0.30 | 0.01 | | |
| | | | E5700650 | 60.60 | 62.00 | 1.40 | 0.01 | 0.00 | |
| | | | E5700651 | 62.00 | 63.50 | 1.50 | 0.01 | | |
| | | | E5700652 | 63.50 | 63.90 | 0.40 | 0.00 | | |
| | | | E5700653 | 63.90 | 64.40 | 0.50 | 0.00 | | |
| | | | E5700654 | 64.40 | 65.80 | 1.40 | 0.00 | | |
| | | | E5700655 | 65.80 | 67.00 | 1.20 | 0.02 | | |

DETAILED LOG

Hole Number: H14-005

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 151.20 | 225.00 | VMV, MAFIC VOLCANIC VARIOLITIC MASSIVE MAFIC VOLCANIC ROCK WITH PATCHY VARIOLES - Rock is dark green Aphanitic. Upper contact marked above CAR veinlet. HE is present mainly around QZ veinlets as haloes, but also patches are present throughout. CPY is visible within CAR veinlets. PY is clustered around veinlets and areas where fracturing/brecciation has occurred. Rock has minor intervals of weak brecciation. Pink and white CAL veinlets/fractures present generally around 50 degrees TCA. QZ veinlets also present but less frequent. Rock is soft with patchy strong magnetism. | E5700656 | 183.00 | 184.00 | 1.00 | 0.01 | | |
| | | | E5700657 | 184.00 | 185.00 | 1.00 | 0.00 | | |
| | | | E5700659 | 185.00 | 186.00 | 1.00 | 0.00 | | |
| | | | E5700660 | 186.00 | 187.00 | 1.00 | 0.00 | 0.00 | |
| | | | E5700661 | 187.00 | 188.00 | 1.00 | 0.00 | | |
| | | | E5700662 | 188.00 | 189.00 | 1.00 | 0.00 | | |
| | | | E5700663 | 189.00 | 190.00 | 1.00 | 0.00 | | |
| | | | E5700664 | 190.00 | 191.00 | 1.00 | 0.01 | | |
| | | | E5700665 | 191.00 | 192.00 | 1.00 | 0.09 | | |
| | | | E5700666 | 192.00 | 193.00 | 1.00 | 0.00 | | |
| | | | E5700667 | 193.00 | 194.00 | 1.00 | 0.01 | | |
| | | | E5700668 | 194.00 | 195.00 | 1.00 | 1.88 | | |
| | | | E5700670 | 195.00 | 196.00 | 1.00 | 0.01 | | |
| | | | E5700671 | 196.00 | 197.00 | 1.00 | 0.01 | | |
| | | | E5700672 | 197.00 | 198.00 | 1.00 | 0.01 | | |
| | | | E5700673 | 198.00 | 199.00 | 1.00 | 0.00 | 0.00 | |
| | | | E5700674 | 199.00 | 199.60 | 0.60 | 0.01 | | |
| | | | E5700675 | 199.60 | 200.60 | 1.00 | 0.01 | | |
| | | E5700676 | 200.60 | 201.20 | 0.60 | 0.04 | | | |
| | | E5700677 | 201.20 | 202.20 | 1.00 | 0.01 | | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700606 | 16.20 | 17.20 | | | |
| E5700607 | 17.20 | 18.20 | | | |
| E5700608 | 18.20 | 19.20 | | | |
| E5700609 | 19.20 | 20.20 | | | |
| E5700611 | 20.20 | 21.20 | | | |
| E5700612 | 21.20 | 21.70 | | | |
| E5700613 | 21.70 | 22.70 | | | |
| E5700614 | 22.70 | 23.80 | | | |
| E5700615 | 23.80 | 24.80 | | | |
| E5700616 | 24.80 | 25.90 | | | |
| E5700617 | 25.90 | 27.00 | | | |
| E5700618 | 27.00 | 28.10 | | | |
| E5700619 | 28.10 | 29.20 | | | |
| E5700621 | 29.20 | 30.20 | | | |
| E5700622 | 30.20 | 31.20 | | | |
| E5700623 | 31.20 | 32.20 | | | |
| E5700624 | 32.20 | 33.20 | 0.0190 | 0.0170 | |

Hole Number: H14-005

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700625 | 33.20 | 34.20 | 0.0390 | | |
| E5700626 | 34.20 | 35.70 | 0.0350 | | |
| E5700627 | 35.70 | 37.20 | 0.0420 | | |
| E5700628 | 37.20 | 38.70 | 0.0440 | | |
| E5700629 | 38.70 | 40.20 | 0.0060 | | |
| E5700630 | 40.20 | 41.70 | 0.0100 | | |
| E5700632 | 41.70 | 43.10 | 0.0100 | | |
| E5700633 | 43.10 | 44.40 | 0.0060 | | |
| E5700634 | 44.40 | 45.40 | 0.0050 | | |
| E5700635 | 45.40 | 46.40 | 0.0070 | | |
| E5700636 | 46.40 | 47.60 | 0.0050 | 0.0040 | |
| E5700637 | 47.60 | 49.00 | 0.0050 | | |
| E5700638 | 49.00 | 50.50 | 0.0350 | | |
| E5700639 | 50.50 | 52.00 | 0.0380 | | |
| E5700641 | 52.00 | 53.50 | 0.0030 | | |
| E5700642 | 53.50 | 55.00 | 0.0070 | | |
| E5700643 | 55.00 | 56.50 | 0.0340 | | |
| E5700644 | 56.50 | 57.80 | 3.8100 | | |
| E5700645 | 57.80 | 58.10 | 0.1230 | | |
| E5700646 | 58.10 | 59.20 | 0.0120 | | |
| E5700647 | 59.20 | 60.30 | 0.0030 | | |
| E5700648 | 60.30 | 60.60 | 0.0070 | | |
| E5700650 | 60.60 | 62.00 | 0.0050 | 0.0040 | |
| E5700651 | 62.00 | 63.50 | 0.0110 | | |
| E5700652 | 63.50 | 63.90 | 0.0030 | | |
| E5700653 | 63.90 | 64.40 | 0.0030 | | |
| E5700654 | 64.40 | 65.80 | 0.0030 | | |
| E5700655 | 65.80 | 67.00 | 0.0210 | | |
| E5700656 | 183.00 | 184.00 | 0.0060 | | |
| E5700657 | 184.00 | 185.00 | 0.0020 | | |
| E5700659 | 185.00 | 186.00 | 0.0040 | | |
| E5700660 | 186.00 | 187.00 | 0.0030 | 0.0030 | |
| E5700661 | 187.00 | 188.00 | 0.0030 | | |
| E5700662 | 188.00 | 189.00 | 0.0040 | | |
| E5700663 | 189.00 | 190.00 | 0.0030 | | |
| E5700664 | 190.00 | 191.00 | 0.0050 | | |
| E5700665 | 191.00 | 192.00 | 0.0850 | | |
| E5700666 | 192.00 | 193.00 | 0.0030 | | |
| E5700667 | 193.00 | 194.00 | 0.0100 | | |

Hole Number: H14-005

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700668 | 194.00 | 195.00 | 1.8800 | | |
| E5700670 | 195.00 | 196.00 | 0.0120 | | |
| E5700671 | 196.00 | 197.00 | 0.0060 | | |
| E5700672 | 197.00 | 198.00 | 0.0110 | | |
| E5700673 | 198.00 | 199.00 | 0.0030 | 0.0040 | |
| E5700674 | 199.00 | 199.60 | 0.0110 | | |
| E5700675 | 199.60 | 200.60 | 0.0090 | | |
| E5700676 | 200.60 | 201.20 | 0.0380 | | |
| E5700677 | 201.20 | 202.20 | 0.0090 | | |

DETAILED LOG

Hole Number: H14-006

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -55.00 |
| Project Number: HISLOP | North: 5372100.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551350.00 | East: | Length: 231.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Feb 21, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Feb 23, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 231.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 40.00 | -55.00 | EZ Sho | OK | Planned collar | 27.00 | 37.60 | -55.00 | EZ Sho | OK | |
| 51.00 | 38.20 | -54.70 | EZ Sho | OK | | 102.00 | 41.80 | -54.40 | EZ Sho | OK | |
| 150.00 | 46.80 | -54.30 | EZ Sho | OK | | 201.00 | 46.10 | -54.50 | EZ Sho | OK | |
| 231.00 | 41.40 | -54.20 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
| 0.00 | 6.00 | HPO, OVERBURDEN OVERBURDEN - 6m of casing used. | | | | | | | |
| 6.00 | 25.80 | VMV, MAFIC VOLCANIC VARIOLITIC MASSIVE MAFIC VOLCANIC WITH MINOR PATCHES OF VARIOLES - Rock is dark green with light pink patches. Fine grained. HE is weak to moderate and fracture controlled/filling. LCX disseminated throughout. PY is clustered around and within fractures associated with HE alteration. CAR veinlets present mainly 50-70 degrees TCA. Rock is soft with no magnetism. | E5700678 | 18.00 | 19.40 | 1.40 | 0.00 | 0.01 | |
| | | | E5700679 | 19.40 | 20.20 | 0.80 | 0.01 | | |
| | | | E5700680 | 20.20 | 21.00 | 0.80 | 0.01 | | |
| | | | E5700681 | 21.00 | 22.50 | 1.50 | 0.01 | | |
| | | | E5700682 | 22.50 | 24.00 | 1.50 | 0.00 | | |
| | | | E5700683 | 24.00 | 25.30 | 1.30 | 0.00 | | |
| | | | E5700684 | 25.30 | 25.80 | 0.50 | 0.38 | | |
| 25.80 | 30.10 | VMX, MAFIC BRECCIA MAFIC VARIOLITIC FLOW WITH QUARTZ BRECCIA VEINS - Rock is pale green and deep red. Aphanitic to very fine grained. Upper contact marked at first instance of brecciated vein. HE is moderate and fracture filling/controlled. BLE occurs throughout. PY can be clustered in brecciated intervals but also hosted in QZ veins. QZ veins contain angular xenoliths of wall rock. Moderate patchy brecciation also occurs throughout main unit. Rock is soft with no magnetism. Entire unit is of interest. | E5700685 | 25.80 | 26.10 | 0.30 | 5.29 | | |
| | | | E5700687 | 26.10 | 27.00 | 0.90 | 0.11 | | |
| | | | E5700688 | 27.00 | 27.80 | 0.80 | 0.42 | | |
| | | | E5700689 | 27.80 | 28.70 | 0.90 | 1.69 | | |
| | | | E5700690 | 28.70 | 29.80 | 1.10 | 0.21 | | |
| | | | E5700691 | 29.80 | 30.10 | 0.30 | 10.00 | 10.00 | 12.30 |

DETAILED LOG

Hole Number: H14-006

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
| 30.10 | 76.30 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is very dark grey to black with slight green tint. Aphanitic to fine grained. Upper contact marked at end of last brecciated vein. HE is fracture filling and patchy to a strong intensity. PY is fracture filling/controlled, so generally clustered. CAR fractures present in low frequency with QZ veinlets also present in low frequency with minor brecciation. Rock is hard with strong, patchy magnetism. | E5700693 | 30.10 | 31.00 | 0.90 | 0.13 | | |
| | | | E5700694 | 31.00 | 31.70 | 0.70 | 0.91 | | |
| | | | E5700695 | 31.70 | 32.40 | 0.70 | 0.18 | | |
| | | | E5700696 | 32.40 | 33.20 | 0.80 | 1.52 | | |
| | | | E5700697 | 33.20 | 34.20 | 1.00 | 0.02 | | |
| | | | E5700698 | 34.20 | 35.20 | 1.00 | 0.16 | | |
| | | | E5700699 | 35.20 | 36.20 | 1.00 | 0.01 | | |
| | | | E5700700 | 36.20 | 37.20 | 1.00 | 0.01 | | |
| | | | E5700701 | 37.20 | 38.20 | 1.00 | 0.01 | | |
| | | | E5700702 | 38.20 | 39.30 | 1.10 | 0.01 | | |
| | | | E5700704 | 39.30 | 40.30 | 1.00 | 0.00 | | |
| | | | E5700705 | 40.30 | 40.70 | 0.40 | 3.19 | | |
| | | | E5700706 | 40.70 | 41.70 | 1.00 | 0.02 | | |
| | | | E5700707 | 41.70 | 42.70 | 1.00 | 0.09 | | |
| | | | E5700708 | 42.70 | 43.70 | 1.00 | 0.02 | | |
| | | | E5700709 | 43.70 | 44.60 | 0.90 | 0.01 | | |
| | | | E5700710 | 44.60 | 45.40 | 0.80 | 0.01 | | |
| | | | E5700711 | 45.40 | 46.00 | 0.60 | 6.18 | | |
| | | | E5700712 | 46.00 | 47.00 | 1.00 | 0.01 | | |
| | | | E5700714 | 47.00 | 48.00 | 1.00 | 0.07 | | |
| | | | E5700715 | 48.00 | 48.60 | 0.60 | 0.02 | | |
| | | | E5700716 | 48.60 | 48.90 | 0.30 | 2.80 | 3.30 | |
| | | | E5700717 | 48.90 | 49.80 | 0.90 | 0.02 | | |
| | | | E5700718 | 49.80 | 50.60 | 0.80 | 0.12 | | |
| | | | E5700719 | 50.60 | 51.30 | 0.70 | 0.12 | | |
| | | | E5700720 | 51.30 | 52.40 | 1.10 | 0.03 | | |
| | | | E5700721 | 52.40 | 52.80 | 0.40 | 2.48 | | |
| | | | E5700722 | 52.80 | 53.80 | 1.00 | 7.97 | | |
| | | | E5700724 | 53.80 | 54.90 | 1.10 | 2.63 | | |
| | | | E5700725 | 54.90 | 55.40 | 0.50 | 2.84 | | |
| | | | E5700726 | 55.40 | 56.00 | 0.60 | 0.11 | | |
| | | | E5700727 | 56.00 | 57.00 | 1.00 | 0.18 | | |
| | | | E5700728 | 57.00 | 57.60 | 0.60 | 0.04 | 0.04 | |
| | | | E5700729 | 57.60 | 58.10 | 0.50 | 0.02 | | |
| | | | E5700730 | 58.10 | 59.00 | 0.90 | 0.46 | | |
| | | | E5700731 | 59.00 | 60.00 | 1.00 | 0.35 | | |
| | | | E5700732 | 60.00 | 61.00 | 1.00 | 1.41 | | |
| | | | E5700734 | 61.00 | 62.00 | 1.00 | 1.32 | | |
| | | | E5700735 | 62.00 | 63.00 | 1.00 | 0.04 | | |
| | | | E5700736 | 63.00 | 64.00 | 1.00 | 0.08 | | |
| | | | E5700737 | 64.00 | 65.00 | 1.00 | 0.03 | | |
| | | | E5700738 | 65.00 | 66.00 | 1.00 | 0.04 | | |
| | | | E5700739 | 66.00 | 67.00 | 1.00 | 0.05 | | |

DETAILED LOG

Hole Number: H14-006

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
| | | | E5700740 | 67.00 | 67.70 | 0.70 | 0.01 | | |
| | | | E5700741 | 67.70 | 69.00 | 1.30 | 0.06 | 0.05 | |
| | | | E5700742 | 69.00 | 70.00 | 1.00 | 0.02 | | |
| | | | E5700744 | 70.00 | 71.00 | 1.00 | 0.06 | | |
| | | | E5700745 | 71.00 | 72.10 | 1.10 | 1.53 | | |
| | | | E5700746 | 72.10 | 72.80 | 0.70 | 0.24 | | |
| | | | E5700747 | 72.80 | 73.20 | 0.40 | 2.66 | | |
| | | | E5700748 | 73.20 | 73.90 | 0.70 | 0.02 | | |
| | | | E5700749 | 73.90 | 74.80 | 0.90 | 0.08 | | |
| | | | E5700750 | 74.80 | 75.50 | 0.70 | 0.62 | | |
| | | | E5700751 | 75.50 | 76.30 | 0.80 | 9.02 | | |
| 76.30 | 231.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is very dark green. Aphanitic to very fine grained. Upper contact marked by strong decrease in alteration and cut off by veinlet. EP and HE alteration is present infrequently and dominantly within and around CAR fractures. Rock hosts very little PY, but can be clustered within and around QZ veinlets. Low frequency of CAR stringers/fractures with an even lower frequency of QZ veinlets. Rock is soft to moderate with semi-pervasive moderate magnetism. Fault between 159.8-162.3m running near parallel TCA. | E5700752 | 76.30 | 77.30 | 1.00 | 0.06 | | |
| | | | E5700753 | 159.00 | 159.80 | 0.80 | 0.07 | 0.07 | |
| | | | E5700755 | 159.80 | 160.80 | 1.00 | 0.28 | | |
| | | | E5700756 | 160.80 | 161.30 | 0.50 | 0.03 | | |
| | | | E5700757 | 161.30 | 161.70 | 0.40 | 0.04 | | |
| | | | E5700758 | 161.70 | 162.30 | 0.60 | 0.11 | | |
| | | | E5700759 | 162.30 | 163.30 | 1.00 | 0.11 | | |

Samples

| Sample Number | From | To | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700678 | 18.00 | 19.40 | 0.0005 | 0.0060 | |
| E5700679 | 19.40 | 20.20 | 0.0100 | | |
| E5700680 | 20.20 | 21.00 | 0.0060 | | |
| E5700681 | 21.00 | 22.50 | 0.0060 | | |
| E5700682 | 22.50 | 24.00 | 0.0030 | | |
| E5700683 | 24.00 | 25.30 | 0.0020 | | |
| E5700684 | 25.30 | 25.80 | 0.3810 | | |
| E5700685 | 25.80 | 26.10 | 5.2900 | | |
| E5700687 | 26.10 | 27.00 | 0.1060 | | |
| E5700688 | 27.00 | 27.80 | 0.4210 | | |
| E5700689 | 27.80 | 28.70 | 1.6900 | | |
| E5700690 | 28.70 | 29.80 | 0.2120 | | |
| E5700691 | 29.80 | 30.10 | 10.0000 | 10.0000 | 12.3000 |
| E5700693 | 30.10 | 31.00 | 0.1340 | | |
| E5700694 | 31.00 | 31.70 | 0.9090 | | |
| E5700695 | 31.70 | 32.40 | 0.1800 | | |
| E5700696 | 32.40 | 33.20 | 1.5200 | | |
| E5700697 | 33.20 | 34.20 | 0.0180 | | |

Hole Number: H14-006

Units: METRIC

Samples

| Sample Number | From | To | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700698 | 34.20 | 35.20 | 0.1570 | | |
| E5700699 | 35.20 | 36.20 | 0.0070 | | |
| E5700700 | 36.20 | 37.20 | 0.0100 | | |
| E5700701 | 37.20 | 38.20 | 0.0130 | | |
| E5700702 | 38.20 | 39.30 | 0.0080 | | |
| E5700704 | 39.30 | 40.30 | 0.0030 | | |
| E5700705 | 40.30 | 40.70 | 3.1900 | | |
| E5700706 | 40.70 | 41.70 | 0.0150 | | |
| E5700707 | 41.70 | 42.70 | 0.0850 | | |
| E5700708 | 42.70 | 43.70 | 0.0160 | | |
| E5700709 | 43.70 | 44.60 | 0.0110 | | |
| E5700710 | 44.60 | 45.40 | 0.0120 | | |
| E5700711 | 45.40 | 46.00 | 6.1800 | | |
| E5700712 | 46.00 | 47.00 | 0.0080 | | |
| E5700714 | 47.00 | 48.00 | 0.0740 | | |
| E5700715 | 48.00 | 48.60 | 0.0190 | | |
| E5700716 | 48.60 | 48.90 | 2.8000 | 3.3000 | |
| E5700717 | 48.90 | 49.80 | 0.0200 | | |
| E5700718 | 49.80 | 50.60 | 0.1230 | | |
| E5700719 | 50.60 | 51.30 | 0.1200 | | |
| E5700720 | 51.30 | 52.40 | 0.0260 | | |
| E5700721 | 52.40 | 52.80 | 2.4800 | | |
| E5700722 | 52.80 | 53.80 | 7.9700 | | |
| E5700724 | 53.80 | 54.90 | 2.6300 | | |
| E5700725 | 54.90 | 55.40 | 2.8400 | | |
| E5700726 | 55.40 | 56.00 | 0.1070 | | |
| E5700727 | 56.00 | 57.00 | 0.1750 | | |
| E5700728 | 57.00 | 57.60 | 0.0350 | 0.0360 | |
| E5700729 | 57.60 | 58.10 | 0.0210 | | |
| E5700730 | 58.10 | 59.00 | 0.4560 | | |
| E5700731 | 59.00 | 60.00 | 0.3490 | | |
| E5700732 | 60.00 | 61.00 | 1.4100 | | |
| E5700734 | 61.00 | 62.00 | 1.3200 | | |
| E5700735 | 62.00 | 63.00 | 0.0430 | | |
| E5700736 | 63.00 | 64.00 | 0.0770 | | |
| E5700737 | 64.00 | 65.00 | 0.0310 | | |
| E5700738 | 65.00 | 66.00 | 0.0400 | | |
| E5700739 | 66.00 | 67.00 | 0.0530 | | |
| E5700740 | 67.00 | 67.70 | 0.0120 | | |

Hole Number: H14-006

Units: METRIC

Samples

| Sample Number | From | To | Au_gpt_FA | Au_gpt_DUP | Au_gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700741 | 67.70 | 69.00 | 0.0620 | 0.0480 | |
| E5700742 | 69.00 | 70.00 | 0.0150 | | |
| E5700744 | 70.00 | 71.00 | 0.0560 | | |
| E5700745 | 71.00 | 72.10 | 1.5300 | | |
| E5700746 | 72.10 | 72.80 | 0.2370 | | |
| E5700747 | 72.80 | 73.20 | 2.6600 | | |
| E5700748 | 73.20 | 73.90 | 0.0190 | | |
| E5700749 | 73.90 | 74.80 | 0.0760 | | |
| E5700750 | 74.80 | 75.50 | 0.6190 | | |
| E5700751 | 75.50 | 76.30 | 9.0200 | | |
| E5700752 | 76.30 | 77.30 | 0.0620 | | |
| E5700753 | 159.00 | 159.80 | 0.0680 | 0.0700 | |
| E5700755 | 159.80 | 160.80 | 0.2820 | | |
| E5700756 | 160.80 | 161.30 | 0.0270 | | |
| E5700757 | 161.30 | 161.70 | 0.0430 | | |
| E5700758 | 161.70 | 162.30 | 0.1060 | | |
| E5700759 | 162.30 | 163.30 | 0.1110 | | |

| | |
|-----|--------|
| | 0 |
| HPO | 5.00 |
| VMP | 10.50 |
| VGO | 100.60 |
| VMA | 122.20 |
| VMM | 151.70 |
| VMV | 184.10 |
| VMX | 194.50 |
| VMV | 226.20 |
| VGO | 260.00 |

Hole No: H14-007 Hole Type: DDH Hole Size: NQ
 Location: Hislop Township Core Storage: Exploration
 Casing: YES Claim No: CP468
 Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 260.00

Azimuth Dec: 40.00 Dip Dec: -45.00 Collar Survey: Pulse Em Survey: Multi Shot Survey:
 Making Water: Is Hole Plugged: Is Cemented:

Contractor: Garant Start Date: Feb 23, 2014 Completed: Feb 26, 2014
 Logged By: bhua Entered On: Feb 27, 2014
 Comments:

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372050.000000 | 551560.000000 | 300.0000 | UTM:NAD83: | | | | |

DETAILED LOG

Hole Number: H14-007

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|--|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM:NAD83: | Collar Dip: -45.00 |
| Project Number: HISLOP | North: 5372050.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551560.00 | East: | Length: 260.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Feb 23, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Feb 26, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 260.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 40.00 | -45.00 | EZ Sho | OK | Planned Collar | 26.00 | 43.20 | -44.10 | EZ Sho | OK | |
| 50.00 | 37.50 | -43.90 | EZ Sho | OK | | 101.00 | 44.60 | -43.60 | EZ Sho | OK | |
| 152.00 | 43.30 | -43.70 | EZ Sho | OK | | 200.00 | 41.30 | -43.00 | EZ Sho | OK | |
| 251.00 | 40.30 | -42.50 | EZ Sho | OK | | | | | | | |
| | | | | | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|---|---------------|------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 5.00 | HPO, OVERBURDEN OVERBURDEN - 4.5m of casing used. | | | | | | | |
| 5.00 | 10.50 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW - Rock is dark yellowish green with darker pillow selvages. Aphanitic to very fine grained. Weak SER alteration. Minor patches containing amygdules. Moderate concentrations of PY disseminated and clustered around CAR veining. Low frequency of CAR veining. Rock is soft with weak patchy magnetism. | E5700760 | 5.00 | 6.40 | 1.40 | 0.02 | 0.02 | |
| | | | E5700761 | 6.40 | 7.10 | 0.70 | 4.69 | | |
| | | | E5700762 | 7.10 | 7.80 | 0.70 | 10.00 | | 15.60 |
| | | | E5700764 | 7.80 | 8.80 | 1.00 | 0.03 | | |
| | | | E5700765 | 8.80 | 9.70 | 0.90 | 0.01 | | |
| | | | E5700766 | 9.70 | 10.50 | 0.80 | 0.03 | | |

DETAILED LOG

Hole Number: H14-007

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 10.50 | 100.60 | VGO, GABBRO MAFIC GABBRO - Rock is dark green. Medium grained. Disseminated LCX in patches throughout. SER may be present around CAR fractures, but EP is seen within CAR fractures. HE also present around fractures more common at depth. PY is concentrated within CAR fractures/stringers. Low frequency of CAR veining throughout. Rock is soft with patchy moderate magnetism. | E5700767 | 10.50 | 11.50 | 1.00 | 0.03 | | |
| | | | E5700768 | 11.50 | 12.60 | 1.10 | 0.01 | | |
| | | | E5700769 | 12.60 | 13.20 | 0.60 | 0.01 | | |
| | | | E5700770 | 13.20 | 14.00 | 0.80 | 0.01 | | |
| | | | E5700771 | 32.00 | 33.00 | 1.00 | 0.01 | | |
| | | | E5700772 | 33.00 | 34.20 | 1.20 | 0.13 | 0.12 | |
| | | | E5700774 | 34.20 | 35.00 | 0.80 | 0.24 | | |
| | | | E5700775 | 80.40 | 81.40 | 1.00 | 0.00 | | |
| | | | E5700776 | 81.40 | 82.30 | 0.90 | 0.01 | | |
| | | | E5700777 | 82.30 | 83.00 | 0.70 | 0.01 | | |
| | | | E5700778 | 83.00 | 84.00 | 1.00 | 0.00 | | |
| | | | E5700779 | 84.00 | 84.90 | 0.90 | 0.00 | | |
| | | | E5700780 | 84.90 | 86.00 | 1.10 | 0.00 | | |
| | | | E5700781 | 86.00 | 86.70 | 0.70 | 0.00 | | |
| | | | E5700782 | 86.70 | 87.50 | 0.80 | 0.00 | | |
| 100.60 | 122.20 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGDALOIDAL FLOW - Rock is dark green with white specks. Aphanitic to very fine grained with amygdules up to 1mm in diameter. EP and HE alteration is fracture controlled/filling. PY clustered around fractures. Moderate frequency of CAR stringers with EP replacement. Rock is soft. | | | | | | | |
| 122.20 | 151.70 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC FLOW - Rock is dark green. Aphanitic. Upper contact arbitrarily marked where amygdules end. EP, SER, and HE alteration all related to fracturing. Trace amounts of sulphides in most of rock, with concentrations within CAR stringers. Disseminated PY at end of interval. CAR stringers/fractures present throughout. Rock is soft with patchy magnetism. | E5700783 | 148.00 | 149.00 | 1.00 | 0.00 | | |
| | | | E5700784 | 149.00 | 149.30 | 0.30 | 0.02 | | |
| | | | E5700786 | 149.30 | 149.90 | 0.60 | 0.01 | 0.01 | |
| | | | E5700787 | 149.90 | 150.60 | 0.70 | 0.28 | | |
| | | | E5700788 | 150.60 | 151.70 | 1.10 | 0.00 | | |
| 151.70 | 184.10 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green. Aphanitic. Pale varioles present throughout. Weak to moderate HE alteration present around fractures. Increased PY clusters and fracture fillings at depth where brecciation of rock occurs. Low frequency of CAR stringers and fractures. Rock is moderate with patchy moderate magnetism. | E5700789 | 151.70 | 153.20 | 1.50 | 0.00 | | |
| | | | E5700790 | 153.20 | 154.00 | 0.80 | 0.02 | | |
| | | | E5700791 | 154.00 | 155.00 | 1.00 | 0.00 | | |
| | | | E5700792 | 174.40 | 175.00 | 0.60 | 0.00 | | |
| | | | E5700793 | 175.00 | 176.00 | 1.00 | 0.00 | | |
| | | | E5700794 | 176.00 | 176.50 | 0.50 | 0.19 | | |
| | | | E5700796 | 176.50 | 177.50 | 1.00 | 0.07 | | |
| | | | E5700797 | 177.50 | 178.80 | 1.30 | 0.27 | 0.26 | |
| | | | E5700798 | 178.80 | 179.90 | 1.10 | 0.20 | | |
| | | | E5700799 | 179.90 | 181.10 | 1.20 | 0.55 | | |
| | | | E5700800 | 181.10 | 182.00 | 0.90 | 1.06 | | |
| | | | E5700801 | 182.00 | 182.80 | 0.80 | 0.65 | | |
| | | | E5700802 | 182.80 | 184.10 | 1.30 | 0.01 | | |

Hole Number: H14-007

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 184.10 | 194.50 | VMX, MAFIC BRECCIA MAFIC BRECCIA - Rock is pale green. Aphanitic. Brecciation occurs throughout rock with fine chloritic fillings. Weak SER alteration. PY mainly present withing QZ veins. QZ veins/veinlets intersect unit subparallel to very low angles TCA. Rock is soft with no magnetism. Possible indication of pillow selvages. | E5700803 | 184.10 | 185.00 | 0.90 | 0.05 | | |
| | | | E5700804 | 185.00 | 185.70 | 0.70 | 0.07 | | |
| | | | E5700805 | 185.70 | 186.50 | 0.80 | 0.11 | | |
| | | | E5700807 | 186.50 | 187.20 | 0.70 | 0.02 | | |
| | | | E5700808 | 187.20 | 188.00 | 0.80 | 0.01 | | |
| | | | E5700809 | 188.00 | 188.60 | 0.60 | 0.03 | | |
| | | | E5700810 | 188.60 | 190.10 | 1.50 | 0.06 | 0.06 | |
| | | | E5700811 | 190.10 | 191.20 | 1.10 | 0.01 | | |
| | | | E5700812 | 191.20 | 192.30 | 1.10 | 0.00 | | |
| | | | E5700813 | 192.30 | 192.80 | 0.50 | 0.02 | | |
| | | | E5700814 | 192.80 | 193.20 | 0.40 | 4.17 | | |
| | | | E5700816 | 193.20 | 194.50 | 1.30 | 0.33 | | |
| 194.50 | 226.20 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is same unit as VMV 2 units above. | E5700817 | 194.50 | 195.50 | 1.00 | 0.01 | | |
| 226.20 | 260.00 | VGO, GABBRO MAFIC GABBRO - Rock is dark green. Medium to coarse grained. Upper contact marked where grain size increases. EP alteration is fracture filling. Trace amounts of sulphides, but can be present within fractures. Low frequency of CAR stringers/veinlets. Rock is moderate with patchy magnetism. | | | | | | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700760 | 5.00 | 6.40 | 0.0210 | 0.0220 | |
| E5700761 | 6.40 | 7.10 | 4.6900 | | |
| E5700762 | 7.10 | 7.80 | 10.0000 | | 15.6000 |
| E5700764 | 7.80 | 8.80 | 0.0340 | | |
| E5700765 | 8.80 | 9.70 | 0.0140 | | |
| E5700766 | 9.70 | 10.50 | 0.0300 | | |
| E5700767 | 10.50 | 11.50 | 0.0290 | | |
| E5700768 | 11.50 | 12.60 | 0.0140 | | |
| E5700769 | 12.60 | 13.20 | 0.0070 | | |
| E5700770 | 13.20 | 14.00 | 0.0140 | | |
| E5700771 | 32.00 | 33.00 | 0.0120 | | |
| E5700772 | 33.00 | 34.20 | 0.1320 | 0.1230 | |
| E5700774 | 34.20 | 35.00 | 0.2440 | | |
| E5700775 | 80.40 | 81.40 | 0.0040 | | |
| E5700776 | 81.40 | 82.30 | 0.0050 | | |
| E5700777 | 82.30 | 83.00 | 0.0060 | | |
| E5700778 | 83.00 | 84.00 | 0.0030 | | |

Hole Number: H14-007

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700779 | 84.00 | 84.90 | 0.0040 | | |
| E5700780 | 84.90 | 86.00 | 0.0020 | | |
| E5700781 | 86.00 | 86.70 | 0.0030 | | |
| E5700782 | 86.70 | 87.50 | 0.0020 | | |
| E5700783 | 148.00 | 149.00 | 0.0030 | | |
| E5700784 | 149.00 | 149.30 | 0.0160 | | |
| E5700786 | 149.30 | 149.90 | 0.0080 | 0.0100 | |
| E5700787 | 149.90 | 150.60 | 0.2750 | | |
| E5700788 | 150.60 | 151.70 | 0.0030 | | |
| E5700789 | 151.70 | 153.20 | 0.0020 | | |
| E5700790 | 153.20 | 154.00 | 0.0190 | | |
| E5700791 | 154.00 | 155.00 | 0.0030 | | |
| E5700792 | 174.40 | 175.00 | 0.0030 | | |
| E5700793 | 175.00 | 176.00 | 0.0020 | | |
| E5700794 | 176.00 | 176.50 | 0.1870 | | |
| E5700796 | 176.50 | 177.50 | 0.0650 | | |
| E5700797 | 177.50 | 178.80 | 0.2740 | 0.2640 | |
| E5700798 | 178.80 | 179.90 | 0.2010 | | |
| E5700799 | 179.90 | 181.10 | 0.5530 | | |
| E5700800 | 181.10 | 182.00 | 1.0600 | | |
| E5700801 | 182.00 | 182.80 | 0.6450 | | |
| E5700802 | 182.80 | 184.10 | 0.0060 | | |
| E5700803 | 184.10 | 185.00 | 0.0480 | | |
| E5700804 | 185.00 | 185.70 | 0.0710 | | |
| E5700805 | 185.70 | 186.50 | 0.1060 | | |
| E5700807 | 186.50 | 187.20 | 0.0160 | | |
| E5700808 | 187.20 | 188.00 | 0.0100 | | |
| E5700809 | 188.00 | 188.60 | 0.0340 | | |
| E5700810 | 188.60 | 190.10 | 0.0600 | 0.0640 | |
| E5700811 | 190.10 | 191.20 | 0.0090 | | |
| E5700812 | 191.20 | 192.30 | 0.0030 | | |
| E5700813 | 192.30 | 192.80 | 0.0150 | | |
| E5700814 | 192.80 | 193.20 | 4.1700 | | |
| E5700816 | 193.20 | 194.50 | 0.3270 | | |
| E5700817 | 194.50 | 195.50 | 0.0120 | | |

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 3.00 |
| | VMV | 3.00 |
| | | 73.50 |
| | QVO | 73.50 |
| | | 96.50 |
| | VMM | 96.50 |
| | | 198.30 |
| | VMM | 198.30 |
| | | 208.40 |
| | VMM | 208.40 |
| | | 260.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-008 | Hole Type: DDH | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: CP468 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 260.00 |

| | | | | |
|--------------------|-----------------|---|---|---|
| Azimuth Dec: 40.00 | Dip Dec: -45.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

| | | |
|--------------------|--------------------------|-------------------------|
| Contractor: Garant | Start Date: Feb 26, 2014 | Completed: Mar 07, 2014 |
| Logged By: bhua | Entered On: Feb 27, 2014 | |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372050.000000 | 551610.000000 | 300.0000 | UTM:NAD83: | | | | |

DETAILED LOG

Hole Number: H14-008

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|--|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM:NAD83: | Collar Dip: -45.00 |
| Project Number: HISLOP | North: 5372050.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551610.00 | East: | Length: 260.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Feb 26, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Mar 07, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 260.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 40.00 | -45.00 | EZ Sho | DO | Planned Collar; initial test has deviated azimuth. Dip only | 26.00 | 34.30 | -45.10 | EZ Sho | OK | |
| 50.00 | 37.40 | -44.90 | EZ Sho | OK | | 101.00 | 40.00 | -44.70 | EZ Sho | OK | |
| 152.00 | 40.50 | -44.40 | EZ Sho | OK | | 200.00 | 41.30 | -44.20 | EZ Sho | OK | |
| 260.00 | 37.90 | -43.90 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|------|---|---------------|------|----|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 3.00 | HPO, OVERBURDEN OVERBURDEN - 3m of casing used. | | | | | | | |

DETAILED LOG

Hole Number: H14-008

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 3.00 | 73.50 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green with bleached intervals. Aphanitic. Varioles are present in patchy areas, but rock is mainly massive in texture. SER alteration is present in patchy intervals with increased veining. HE is present within and around QZ veining. Weak EP is also visible in some fractures. Generally, trace amounts of sulphides, but can be clustered and vein controlled up to 3%. Locally brecciated around veinlets, but increased brecciation and shear gouges near end of unit. QZ veinlets and CAR stringer/veinlets present in low frequency. Rock is hard with patchy moderate magnetism. | E5700818 | 21.60 | 22.60 | 1.00 | 0.00 | 0.00 | |
| | | | E5700819 | 22.60 | 23.20 | 0.60 | 0.02 | | |
| | | | E5700820 | 23.20 | 24.20 | 1.00 | 0.00 | | |
| | | | E5700821 | 24.20 | 25.50 | 1.30 | 0.00 | | |
| | | | E5700823 | 25.50 | 26.80 | 1.30 | 0.00 | | |
| | | | E5700824 | 26.80 | 27.90 | 1.10 | 0.01 | | |
| | | | E5700825 | 45.30 | 46.30 | 1.00 | 0.00 | | |
| | | | E5700826 | 46.30 | 47.10 | 0.80 | 0.31 | | |
| | | | E5700827 | 47.10 | 47.50 | 0.40 | 0.16 | | |
| | | | E5700828 | 47.50 | 48.30 | 0.80 | 0.02 | | |
| | | | E5700829 | 48.30 | 49.50 | 1.20 | 0.00 | | |
| | | | E5700830 | 49.50 | 50.00 | 0.50 | 0.00 | | |
| | | | E5700832 | 64.00 | 65.00 | 1.00 | 0.00 | 0.00 | |
| | | | E5700833 | 65.00 | 66.00 | 1.00 | 0.00 | | |
| | | | E5700834 | 66.00 | 67.30 | 1.30 | 0.00 | | |
| | | | E5700835 | 67.30 | 68.30 | 1.00 | 0.00 | | |
| | | | E5700836 | 68.30 | 69.20 | 0.90 | 0.00 | | |
| | | | E5700837 | 69.20 | 70.10 | 0.90 | 0.00 | | |
| | | | E5700838 | 70.10 | 70.70 | 0.60 | 0.01 | | |
| | | | E5700839 | 70.70 | 71.50 | 0.80 | 0.01 | | |
| | | | E5700841 | 71.50 | 72.20 | 0.70 | 0.04 | | |
| | | | E5700842 | 72.20 | 73.20 | 1.00 | 0.09 | | |
| | | | E5700843 | 73.20 | 73.50 | 0.30 | 0.07 | 0.07 | |
| 73.50 | 96.50 | QVO, QUARTZ VEINS MASSIVE QUARTZ VEIN - Rock is white, hard, QZ composition. Minor gouging and shear banding subparallel TCA. CHL banding. CPY present blebby with possible ASPY. Entire rock is one big QZ vein, possibly drilling subparallel. Upper contact 20 degrees TCA. | E5700844 | 73.50 | 74.00 | 0.50 | 1.77 | | |
| | | | E5700845 | 74.00 | 75.20 | 1.20 | 0.02 | | |
| | | | E5700846 | 75.20 | 76.40 | 1.20 | 2.45 | | |
| | | | E5700847 | 76.40 | 77.60 | 1.20 | 0.07 | | |
| | | | E5700848 | 77.60 | 78.80 | 1.20 | 0.00 | | |
| | | | E5700849 | 78.80 | 80.00 | 1.20 | 0.05 | | |
| | | | E5700850 | 80.00 | 81.20 | 1.20 | 0.00 | | |
| | | | E5700851 | 81.20 | 82.40 | 1.20 | 0.00 | | |
| | | | E5700853 | 82.40 | 83.60 | 1.20 | 0.25 | | |
| | | | E5700854 | 83.60 | 84.80 | 1.20 | 0.00 | | |
| | | | E5700855 | 84.80 | 86.00 | 1.20 | 0.00 | | |
| | | | E5700856 | 86.00 | 87.20 | 1.20 | 0.00 | | |
| | | | E5700857 | 87.20 | 88.40 | 1.20 | 0.00 | 0.00 | |
| | | | E5700858 | 88.40 | 89.60 | 1.20 | 0.01 | | |
| | | | E5700859 | 89.60 | 90.80 | 1.20 | 0.09 | | |
| | | | E5700860 | 90.80 | 92.00 | 1.20 | 0.13 | | |
| | | | E5700862 | 92.00 | 93.20 | 1.20 | 0.01 | | |
| | | | E5700863 | 93.20 | 94.40 | 1.20 | 0.01 | | |
| | | | E5700864 | 94.40 | 95.40 | 1.00 | 0.73 | | |
| | | | E5700865 | 95.40 | 96.50 | 1.10 | 0.08 | | |

Hole Number: H14-008

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 96.50 | 198.30 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK WITH INTERMITTENT VARIOLES - Rock is dark green. Aphanitic. Distinct upper contact 30 degrees TCA. Fracture controlled/filling EP and HE alteration with patchy intervals containing SER alteration where brecciation occurs. PY is present around QZ veinlets/fractures with minor CPY. Low frequency of QZ veining with CAR stringers present also in low frequency. Rock is hard with semi-pervasive strong magnetism. | E5700866 | 96.50 | 98.00 | 1.50 | 0.01 | | |
| | | | E5700867 | 98.00 | 99.50 | 1.50 | 0.00 | | |
| | | | E5700868 | 99.50 | 100.90 | 1.40 | 0.00 | 0.00 | |
| | | | E5700869 | 100.90 | 102.30 | 1.40 | 0.00 | | |
| | | | E5700870 | 102.30 | 103.60 | 1.30 | 0.00 | | |
| | | | E5700871 | 103.60 | 104.70 | 1.10 | 0.00 | | |
| | | | E5700873 | 104.70 | 106.00 | 1.30 | 0.00 | | |
| | | | E5700874 | 106.00 | 107.30 | 1.30 | 0.00 | | |
| | | | E5700875 | 107.30 | 107.80 | 0.50 | 0.03 | | |
| | | | E5700876 | 107.80 | 108.90 | 1.10 | 0.02 | | |
| | | | E5700877 | 108.90 | 110.00 | 1.10 | 0.01 | | |
| | | | E5700878 | 157.00 | 158.10 | 1.10 | 0.00 | | |
| | | | E5700879 | 158.10 | 158.70 | 0.60 | 0.00 | | |
| | | | E5700880 | 158.70 | 159.90 | 1.20 | 0.00 | | |
| | | | E5700882 | 159.90 | 161.00 | 1.10 | 0.01 | 0.01 | |
| | | | E5700883 | 161.00 | 198.30 | 37.30 | 0.01 | | |
| 198.30 | 208.40 | VMM, MAFIC VOLCANIC MASSIVE HEMATIZED MAFIC VOLCANIC ROCK WITH QUARTZ BRECCIA - Rock is dark grey with red tint. Aphanitic. Upper contact marked where HE alteration begins. HE alteration is weak to moderate and semi-pervasive but present due to QZ and CAR fracturing. PY is mainly fracture controlled, but appears to be slightly disseminated. QZ veins at end of unit contain xenoliths. CAR stringers/fractures more dominant at top of unit. Rock is hard with patchy weak magnetism. | E5700884 | 198.30 | 199.30 | 1.00 | 0.01 | | |
| | | | E5700885 | 199.30 | 199.80 | 0.50 | 0.00 | | |
| | | | E5700886 | 199.80 | 200.80 | 1.00 | 0.01 | | |
| | | | E5700887 | 200.80 | 201.50 | 0.70 | 0.01 | | |
| | | | E5700888 | 201.50 | 202.30 | 0.80 | 0.01 | | |
| | | | E5700889 | 202.30 | 203.00 | 0.70 | 0.00 | | |
| | | | E5700890 | 203.00 | 203.80 | 0.80 | 0.01 | | |
| | | | E5700891 | 203.80 | 204.50 | 0.70 | 0.01 | | |
| | | | E5700892 | 204.50 | 206.00 | 1.50 | 0.00 | | |
| | | | E5700894 | 206.00 | 207.00 | 1.00 | 0.01 | 0.01 | |
| | | | E5700895 | 207.00 | 207.50 | 0.50 | 0.00 | | |
| | | | E5700896 | 207.50 | 208.40 | 0.90 | 0.01 | | |
| 208.40 | 260.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK WITH INTERMITTENT VARIOLES - Rock is dark green. Aphanitic. Upper contact marked where HE alteration ends. Fracture controlled/filling EP and HE alteration with patchy intervals containing SER alteration where brecciation occurs. PY is present around QZ veinlets/fractures with minor CPY. Low frequency of QZ veining with CAR stringers present also in low frequency. Rock is hard with semi-pervasive strong magnetism. | E5700897 | 208.40 | 209.70 | 1.30 | 0.00 | | |
| | | | E5700898 | 209.70 | 210.70 | 1.00 | 0.00 | | |
| | | | E5700899 | 210.70 | 212.00 | 1.30 | 0.00 | | |
| | | | E5700900 | 212.00 | 213.50 | 1.50 | 0.01 | | |
| | | | E5700901 | 213.50 | 215.00 | 1.50 | 0.01 | | |
| | | | E5700902 | 215.00 | 216.50 | 1.50 | 0.03 | | |
| | | | E5700903 | 216.50 | 217.90 | 1.40 | 0.00 | | |
| | | | E5700904 | 217.90 | 218.50 | 0.60 | 0.01 | | |
| | | | E5700906 | 218.50 | 219.50 | 1.00 | 0.01 | | |
| | | | E5700907 | 219.50 | 220.40 | 0.90 | 0.01 | 0.01 | |
| | | | E5700908 | 220.40 | 221.40 | 1.00 | 0.05 | | |
| | | | E5700909 | 221.40 | 222.50 | 1.10 | 0.02 | | |

Hole Number: H14-008

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700818 | 21.60 | 22.60 | 0.0030 | 0.0020 | |
| E5700819 | 22.60 | 23.20 | 0.0200 | | |
| E5700820 | 23.20 | 24.20 | 0.0030 | | |
| E5700821 | 24.20 | 25.50 | 0.0030 | | |
| E5700823 | 25.50 | 26.80 | 0.0040 | | |
| E5700824 | 26.80 | 27.90 | 0.0060 | | |
| E5700825 | 45.30 | 46.30 | 0.0020 | | |
| E5700826 | 46.30 | 47.10 | 0.3080 | | |
| E5700827 | 47.10 | 47.50 | 0.1570 | | |
| E5700828 | 47.50 | 48.30 | 0.0150 | | |
| E5700829 | 48.30 | 49.50 | 0.0020 | | |
| E5700830 | 49.50 | 50.00 | 0.0010 | | |
| E5700832 | 64.00 | 65.00 | 0.0020 | 0.0020 | |
| E5700833 | 65.00 | 66.00 | 0.0010 | | |
| E5700834 | 66.00 | 67.30 | 0.0020 | | |
| E5700835 | 67.30 | 68.30 | 0.0010 | | |
| E5700836 | 68.30 | 69.20 | 0.0020 | | |
| E5700837 | 69.20 | 70.10 | 0.0030 | | |
| E5700838 | 70.10 | 70.70 | 0.0050 | | |
| E5700839 | 70.70 | 71.50 | 0.0110 | | |
| E5700841 | 71.50 | 72.20 | 0.0430 | | |
| E5700842 | 72.20 | 73.20 | 0.0850 | | |
| E5700843 | 73.20 | 73.50 | 0.0700 | 0.0710 | |
| E5700844 | 73.50 | 74.00 | 1.7700 | | |
| E5700845 | 74.00 | 75.20 | 0.0200 | | |
| E5700846 | 75.20 | 76.40 | 2.4500 | | |
| E5700847 | 76.40 | 77.60 | 0.0690 | | |
| E5700848 | 77.60 | 78.80 | 0.0020 | | |
| E5700849 | 78.80 | 80.00 | 0.0450 | | |
| E5700850 | 80.00 | 81.20 | 0.0040 | | |
| E5700851 | 81.20 | 82.40 | 0.0020 | | |
| E5700853 | 82.40 | 83.60 | 0.2540 | | |
| E5700854 | 83.60 | 84.80 | 0.0005 | | |
| E5700855 | 84.80 | 86.00 | 0.0005 | | |
| E5700856 | 86.00 | 87.20 | 0.0020 | | |
| E5700857 | 87.20 | 88.40 | 0.0020 | 0.0020 | |
| E5700858 | 88.40 | 89.60 | 0.0080 | | |
| E5700859 | 89.60 | 90.80 | 0.0850 | | |
| E5700860 | 90.80 | 92.00 | 0.1320 | | |

Hole Number: H14-008

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700862 | 92.00 | 93.20 | 0.0120 | | |
| E5700863 | 93.20 | 94.40 | 0.0140 | | |
| E5700864 | 94.40 | 95.40 | 0.7300 | | |
| E5700865 | 95.40 | 96.50 | 0.0830 | | |
| E5700866 | 96.50 | 98.00 | 0.0050 | | |
| E5700867 | 98.00 | 99.50 | 0.0020 | | |
| E5700868 | 99.50 | 100.90 | 0.0020 | 0.0020 | |
| E5700869 | 100.90 | 102.30 | 0.0030 | | |
| E5700870 | 102.30 | 103.60 | 0.0030 | | |
| E5700871 | 103.60 | 104.70 | 0.0040 | | |
| E5700873 | 104.70 | 106.00 | 0.0020 | | |
| E5700874 | 106.00 | 107.30 | 0.0040 | | |
| E5700875 | 107.30 | 107.80 | 0.0290 | | |
| E5700876 | 107.80 | 108.90 | 0.0190 | | |
| E5700877 | 108.90 | 110.00 | 0.0060 | | |
| E5700878 | 157.00 | 158.10 | 0.0010 | | |
| E5700879 | 158.10 | 158.70 | 0.0030 | | |
| E5700880 | 158.70 | 159.90 | 0.0005 | | |
| E5700882 | 159.90 | 161.00 | 0.0120 | 0.0050 | |
| E5700883 | 161.00 | 198.30 | 0.0050 | | |
| E5700884 | 198.30 | 199.30 | 0.0110 | | |
| E5700885 | 199.30 | 199.80 | 0.0040 | | |
| E5700886 | 199.80 | 200.80 | 0.0090 | | |
| E5700887 | 200.80 | 201.50 | 0.0080 | | |
| E5700888 | 201.50 | 202.30 | 0.0140 | | |
| E5700889 | 202.30 | 203.00 | 0.0030 | | |
| E5700890 | 203.00 | 203.80 | 0.0060 | | |
| E5700891 | 203.80 | 204.50 | 0.0110 | | |
| E5700892 | 204.50 | 206.00 | 0.0040 | | |
| E5700894 | 206.00 | 207.00 | 0.0080 | 0.0070 | |
| E5700895 | 207.00 | 207.50 | 0.0040 | | |
| E5700896 | 207.50 | 208.40 | 0.0130 | | |
| E5700897 | 208.40 | 209.70 | 0.0030 | | |
| E5700898 | 209.70 | 210.70 | 0.0040 | | |
| E5700899 | 210.70 | 212.00 | 0.0005 | | |
| E5700900 | 212.00 | 213.50 | 0.0050 | | |
| E5700901 | 213.50 | 215.00 | 0.0070 | | |
| E5700902 | 215.00 | 216.50 | 0.0250 | | |
| E5700903 | 216.50 | 217.90 | 0.0040 | | |

Hole Number: H14-008

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700904 | 217.90 | 218.50 | 0.0090 | | |
| E5700906 | 218.50 | 219.50 | 0.0140 | | |
| E5700907 | 219.50 | 220.40 | 0.0070 | 0.0070 | |
| E5700908 | 220.40 | 221.40 | 0.0500 | | |
| E5700909 | 221.40 | 222.50 | 0.0190 | | |

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 9.00 |
| | LLO | 9.00 |
| | | 13.40 |
| | VUO | 13.40 |
| | | 34.70 |
| | VUX | 34.70 |
| | | 37.00 |
| | ISO | 37.00 |
| | | 38.00 |
| | VMM | 38.00 |
| | | 41.60 |
| | VMM | 41.60 |
| | | 90.90 |
| | VMV | 90.90 |
| | | 105.50 |

Hole No: H14-009 Hole Type: DDH Hole Size: NQ
 Location: Hislop Township Core Storage: Exploration
 Casing: YES Claim No: CP468
 Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 105.50

Azimuth Dec: 40.00 Dip Dec: -55.00 Collar Survey: Pulse Em Survey: Multi Shot Survey:
 Making Water: Is Hole Plugged: Is Cemented:

Contractor: Garant Start Date: Mar 08, 2014 Completed: Mar 09, 2014
 Logged By: bhua Entered On: Mar 09, 2014
 Comments: Hole abandoned at 105.5m due to collapsing material. Fault at 16m cause of collapsing material.
 Material abandoned down hole.

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372050.000000 | 551350.000000 | 300.0000 | UTM:NAD83: | | | | |

Hole Number: H14-009

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|--|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM:NAD83: | Collar Dip: -55.00 |
| Project Number: HISLOP | North: 5372050.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551350.00 | East: | Length: 105.50 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Mar 08, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Mar 09, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 105.50 |

Comments: Hole abandoned at 105.5m due to collapsing material. Fault at 16m cause of collapsing material. Material abandoned down hole.

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|-------|--------------------|----------------|--------------|------|------------------|--------|--------------------|----------------|--------------|------|------------------|
| 0.00 | 40.00 | -55.00 | EZ Sho | OK | Planned collar | 32.00 | 39.80 | -55.50 | EZ Sho | OK | mag field = 5701 |
| 50.00 | 35.50 | -54.80 | EZ Sho | OK | mag field = 5720 | 101.00 | 35.70 | -55.00 | EZ Sho | OK | mag field = 5618 |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 9.00 | HPO, OVERBURDEN OVERBURDEN - 9m of casing used. 1.4m of core recovered from 7.6-9m as LLO | | | | | | | |
| 9.00 | 13.40 | LLO, LAMPROPHYRE LAMPROPHYRY - Rock is dark grey with red tint. Coarse grained. Presence of coarse grained biotite. Weak pervasive HE. Trace PY. 1-2% CAR stringers and veinlets. Rock is moderate with patchy weak magnetism. | | | | | | | |
| 13.40 | 34.70 | VUO, ULTRAMAFIC VOLCANIC ULTRAMAFIC ROCK - Rock is dark grey. Aphanitic. Distinct upper contact 70 degrees TCA. Pervasive CHL and TAL alteration. Minor weak SER alteration. Mud seam present between 14-17m resulting in 1m of lost core. Trace PY. 3-5% CAR fractures/stockwork. Rock is very soft with patchy weak magnetism. | | | | | | | |
| 34.70 | 37.00 | VUX, Ultramafic Breccia ULTRAMAFIC ROCK WITH BRECCIATED CLASTS - Rock is dark grey with slight red tint. Aphanitic with polyimictic clasts up to 1cm in width. Pervasive moderate CHL alteration. Weak patchy HE alteration. Trace amounts of PY. 3-5% CAR veinlets. Rock is very soft with patchy weak magnetism. | E5700910 | 34.70 | 36.00 | 1.30 | 0.24 | | |
| | | | E5700911 | 36.00 | 37.00 | 1.00 | 0.06 | | |
| 37.00 | 38.00 | ISO, SYENITIC INTRUSIVE HORNBLLENDE SYENITE? WITH FELDSPAR PHENOCRYSTS - Rock is dark red with patchy pale spots. Coarse grained/massive. Distinct upper contact 60 degrees TCA. Semi-pervasive HE alteration with weak patchy SIL alteration. Trace amounts of PY. 1-2% QZ/CAR fracture filling. Rock is hard with no magnetism. | E5700912 | 37.00 | 38.00 | 1.00 | 0.25 | | |

Hole Number: H14-009

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 38.00 | 41.60 | VMM, MAFIC VOLCANIC MASSIVE ALTERED MAFIC VOLCANIC ROCK - Rock is pale green with patchy varying colours. Fine grained to medium grained. Upper contact faint. Moderate fracture controlled SER and HE alteration. Weak disseminated LCX alteration in patches. Trace amounts of PY. 5-8% QZ/CAR veins with minor brecciation. CAR veinlets also present. Rock is soft with no magnetism. | E5700913 | 38.00 | 38.60 | 0.60 | 0.04 | | |
| | | | E5700914 | 38.60 | 39.00 | 0.40 | 0.06 | | |
| | | | E5700916 | 39.00 | 39.60 | 0.60 | 0.05 | | |
| | | | E5700917 | 39.60 | 40.60 | 1.00 | 0.05 | | |
| | | | E5700918 | 40.60 | 41.60 | 1.00 | 0.01 | | |
| 41.60 | 90.90 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is grey with green tint. Fine to medium grained. Gradational upper contact marked where alteration decreases. Alteration is fracture dependent with HE and SER. LCX is patchy disseminated. Trace amounts of PY. 5-8% QZ veinlets and veins and locally brecciated. Rock is soft with patchy weak magnetism. | E5700919 | 41.60 | 42.60 | 1.00 | 0.02 | | |
| 90.90 | 105.50 | VMV, MAFIC VOLCANIC VARIOLITIC MASSIVE MAFIC VARIOLTITIC ROCK - Rock is green to dark grey. Aphantic. Gradual upper contact marked where varioles are present. Patchy SER and HE alteration. 0.5-1% fracture controlled PY. Increased brecciated QZ veining at depth. Rock is soft with no magnetism. MINOR INTERVALS: Minor Interval: 96.40 - 98.40 VMX, MAFIC BRECCIA MAFIC QUARTZ BRECCIA - 30% QZ brecciated veining. | E5700955 | 92.30 | 93.50 | 1.20 | 0.08 | 0.05 | |
| | | | E5700956 | 93.50 | 94.40 | 0.90 | 0.23 | | |
| | | | E5700957 | 94.40 | 95.50 | 1.10 | 0.07 | | |
| | | | E5700958 | 95.50 | 96.70 | 1.20 | 0.04 | | |
| | | | E5700960 | 96.70 | 97.50 | 0.80 | 0.03 | | |
| | | | E5700961 | 97.50 | 98.30 | 0.80 | 0.10 | | |
| | | | E5700962 | 98.30 | 98.90 | 0.60 | 0.14 | | |
| | | | E5700963 | 98.90 | 99.90 | 1.00 | 0.02 | | |
| | | | E5700964 | 99.90 | 101.00 | 1.10 | 0.72 | | |
| | | | E5700965 | 101.00 | 102.10 | 1.10 | 0.01 | | |
| | | | E5700966 | 102.10 | 102.80 | 0.70 | 0.18 | | |
| | | | E5700968 | 102.80 | 103.40 | 0.60 | 0.06 | | |
| | | | E5700969 | 103.40 | 104.00 | 0.60 | 1.33 | | |
| E5700970 | 104.00 | 105.10 | 1.10 | 0.07 | 0.06 | | | | |
| E5700971 | 105.10 | 105.50 | 0.40 | 0.05 | | | | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700910 | 34.70 | 36.00 | 0.2350 | | |
| E5700911 | 36.00 | 37.00 | 0.0640 | | |
| E5700912 | 37.00 | 38.00 | 0.2450 | | |
| E5700913 | 38.00 | 38.60 | 0.0410 | | |
| E5700914 | 38.60 | 39.00 | 0.0550 | | |
| E5700916 | 39.00 | 39.60 | 0.0450 | | |
| E5700917 | 39.60 | 40.60 | 0.0490 | | |
| E5700918 | 40.60 | 41.60 | 0.0090 | | |
| E5700919 | 41.60 | 42.60 | 0.0180 | | |
| E5700955 | 92.30 | 93.50 | 0.0760 | 0.0500 | |
| E5700956 | 93.50 | 94.40 | 0.2250 | | |

Hole Number: H14-009

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700957 | 94.40 | 95.50 | 0.0680 | | |
| E5700958 | 95.50 | 96.70 | 0.0390 | | |
| E5700960 | 96.70 | 97.50 | 0.0290 | | |
| E5700961 | 97.50 | 98.30 | 0.1040 | | |
| E5700962 | 98.30 | 98.90 | 0.1370 | | |
| E5700963 | 98.90 | 99.90 | 0.0220 | | |
| E5700964 | 99.90 | 101.00 | 0.7220 | | |
| E5700965 | 101.00 | 102.10 | 0.0060 | | |
| E5700966 | 102.10 | 102.80 | 0.1800 | | |
| E5700968 | 102.80 | 103.40 | 0.0580 | | |
| E5700969 | 103.40 | 104.00 | 1.3300 | | |
| E5700970 | 104.00 | 105.10 | 0.0650 | 0.0590 | |
| E5700971 | 105.10 | 105.50 | 0.0480 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| HPO | 0 |
| VMV | 6.00 |
| VMM | 42.90 |
| VMM | 148.50 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-010 | Hole Type: DDH | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: CP468 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 148.50 |

| | | | | |
|--------------------|-----------------|---|---|---|
| Azimuth Dec: 40.00 | Dip Dec: -55.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

| | | |
|--------------------|--------------------------|-------------------------|
| Contractor: Garant | Start Date: Mar 10, 2014 | Completed: Mar 11, 2014 |
| Logged By: bhua | Entered On: Mar 17, 2014 | |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372150.000000 | 551350.000000 | 300.0000 | UTM:NAD83: | | | | |



DETAILED LOG

Hole Number: H14-010

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|--|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM:NAD83: | Collar Dip: -55.00 |
| Project Number: HISLOP | North: 5372150.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551350.00 | East: | Length: 148.50 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Mar 10, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Mar 11, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 148.50 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|------------------|--------|--------------------|----------------|--------------|------|------------------|
| 0.00 | 40.00 | -55.00 | EZ Sho | OK | Planned collar | 29.00 | 40.00 | -55.70 | EZ Sho | OK | mag field = 5671 |
| 59.00 | 41.80 | -55.70 | EZ Sho | OK | mag field = 5619 | 101.00 | 48.40 | -56.30 | EZ Sho | OK | mag field = 5614 |
| 147.00 | 45.10 | -56.20 | EZ Sho | OK | mag field = 5600 | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 6.00 | HPO, OVERBURDEN OVERBURDEN - 6m of casing used. 1m of core recovered. | | | | | | | |
| 6.00 | 42.90 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green. Aphanitic to very fine grained. Rubble zones present near the top of the hole. Moderate fracture filling HE alteration. Very low concentrations of f.g. PY associated around fractures. Low to moderate frequency of CAR veinlets with lower frequency of QZ veinlets. Rock is soft with no magnetism. | E5700920 | 27.60 | 28.50 | 0.90 | 0.11 | | |
| | | | E5700921 | 28.50 | 28.90 | 0.40 | 0.20 | | |
| | | | E5700922 | 28.90 | 30.40 | 1.50 | 0.04 | | |
| | | | E5700923 | 30.40 | 30.90 | 0.50 | 1.53 | | |
| | | | E5700925 | 30.90 | 32.00 | 1.10 | 0.04 | | |
| | | | E5700926 | 32.00 | 33.50 | 1.50 | 0.07 | | |
| | | | E5700927 | 33.50 | 35.00 | 1.50 | 0.01 | | |
| | | | E5700928 | 35.00 | 36.00 | 1.00 | 0.02 | | |
| | | | E5700929 | 36.00 | 36.80 | 0.80 | 0.02 | | |
| | | | E5700930 | 36.80 | 37.20 | 0.40 | 0.02 | | |
| | | | E5700931 | 37.20 | 38.00 | 0.80 | 0.02 | | |
| | | | E5700932 | 38.00 | 39.00 | 1.00 | 0.09 | 0.12 | |
| | | | E5700933 | 39.00 | 40.30 | 1.30 | 0.03 | | |
| | | | E5700934 | 40.30 | 41.60 | 1.30 | 0.02 | | |
| | | | E5700935 | 41.60 | 42.90 | 1.30 | 0.02 | | |

Hole Number: H14-010

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 42.90 | 148.50 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Aphanitic. Indistinct upper contact marked where varioles disappear. HE alteration is fracture filling/controlled. Low concentrations of PY, but associated with veinlets/fractures. Clustered PY in high concentration near top of interval. CAL veinlets with xenoliths present in moderate frequency. Xenoliths angular up to 2cm in diameter. Rock is soft with semi-pervasive strong magnetism increasing at depth. | E5700936 | 42.90 | 43.70 | 0.80 | 0.22 | | |
| | | | E5700938 | 43.70 | 44.60 | 0.90 | 0.03 | | |
| | | | E5700939 | 44.60 | 45.60 | 1.00 | 0.02 | | |
| | | | E5700940 | 45.60 | 46.80 | 1.20 | 0.33 | | |
| | | | E5700941 | 46.80 | 47.50 | 0.70 | 1.31 | | |
| | | | E5700942 | 47.50 | 47.90 | 0.40 | 1.12 | | |
| | | | E5700943 | 47.90 | 49.00 | 1.10 | 0.06 | | |
| | | | E5700945 | 49.00 | 50.00 | 1.00 | 0.02 | 0.02 | |
| | | | E5700946 | 50.00 | 51.10 | 1.10 | 0.01 | | |
| | | | E5700947 | 51.10 | 52.20 | 1.10 | 0.01 | | |
| | | | E5700948 | 52.20 | 53.30 | 1.10 | 0.02 | | |
| | | | E5700949 | 53.30 | 54.20 | 0.90 | 0.00 | | |
| | | | E5700950 | 54.20 | 55.10 | 0.90 | 0.00 | | |
| | | | E5700951 | 55.10 | 56.20 | 1.10 | 0.00 | | |
| | | | E5700952 | 56.20 | 56.60 | 0.40 | 0.00 | | |
| | | | E5700953 | 56.60 | 57.80 | 1.20 | 0.01 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700920 | 27.60 | 28.50 | 0.1070 | | |
| E5700921 | 28.50 | 28.90 | 0.2030 | | |
| E5700922 | 28.90 | 30.40 | 0.0440 | | |
| E5700923 | 30.40 | 30.90 | 1.5300 | | |
| E5700925 | 30.90 | 32.00 | 0.0350 | | |
| E5700926 | 32.00 | 33.50 | 0.0690 | | |
| E5700927 | 33.50 | 35.00 | 0.0100 | | |
| E5700928 | 35.00 | 36.00 | 0.0220 | | |
| E5700929 | 36.00 | 36.80 | 0.0210 | | |
| E5700930 | 36.80 | 37.20 | 0.0190 | | |
| E5700931 | 37.20 | 38.00 | 0.0190 | | |
| E5700932 | 38.00 | 39.00 | 0.0880 | 0.1150 | |
| E5700933 | 39.00 | 40.30 | 0.0270 | | |
| E5700934 | 40.30 | 41.60 | 0.0190 | | |
| E5700935 | 41.60 | 42.90 | 0.0220 | | |
| E5700936 | 42.90 | 43.70 | 0.2150 | | |
| E5700938 | 43.70 | 44.60 | 0.0310 | | |
| E5700939 | 44.60 | 45.60 | 0.0240 | | |
| E5700940 | 45.60 | 46.80 | 0.3320 | | |
| E5700941 | 46.80 | 47.50 | 1.3100 | | |
| E5700942 | 47.50 | 47.90 | 1.1200 | | |

Hole Number: H14-010

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700943 | 47.90 | 49.00 | 0.0630 | | |
| E5700945 | 49.00 | 50.00 | 0.0230 | 0.0240 | |
| E5700946 | 50.00 | 51.10 | 0.0070 | | |
| E5700947 | 51.10 | 52.20 | 0.0120 | | |
| E5700948 | 52.20 | 53.30 | 0.0200 | | |
| E5700949 | 53.30 | 54.20 | 0.0030 | | |
| E5700950 | 54.20 | 55.10 | 0.0040 | | |
| E5700951 | 55.10 | 56.20 | 0.0040 | | |
| E5700952 | 56.20 | 56.60 | 0.0010 | | |
| E5700953 | 56.60 | 57.80 | 0.0050 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| HPO | 0 |
| | 27.00 |
| VUO | 27.00 |
| | 55.10 |
| IMO | 55.10 |
| | 62.40 |
| VUO | 62.40 |
| | 160.00 |
| VMM | 160.00 |
| | 222.90 |
| VMV | 222.90 |
| | 396.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-011 | Hole Type: DDH | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: L23129 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 396.00 |

| | | | | |
|--------------------|-----------------|---|---|---|
| Azimuth Dec: 40.00 | Dip Dec: -47.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input checked="" type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

| | | |
|--------------------|--------------------------|-------------------------|
| Contractor: Garant | Start Date: Mar 12, 2014 | Completed: Mar 25, 2014 |
| Logged By: bhua | Entered On: Mar 19, 2014 | |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371897.000000 | 551704.000000 | 300.0000 | UTM:NAD83: | | | | |

DETAILED LOG

Hole Number: H14-O11

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|--|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM:NAD83: | Collar Dip: -47.00 |
| Project Number: HISLOP | North: 5371897.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551704.00 | East: | Length: 396.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Mar 12, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Mar 25, 2014 | Multishot Survey: N | Hole Size: NQ | Final Depth: 396.00 |
| | Pulse EM Survey: N | Casing: YES | Core Storage: Exploration |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---|--------|--------------------|----------------|--------------|------|------------------|
| 0.00 | 40.00 | -47.00 | EZ Sho | OK | Planned collar | 48.00 | 41.60 | -45.10 | EZ Sho | OK | mag field - 5683 |
| 102.00 | 43.70 | -45.20 | EZ Sho | OK | mag field - 5649 | 150.00 | 46.90 | -45.60 | EZ Sho | OK | mag field - 5678 |
| 201.00 | 52.40 | -45.90 | EZ Sho | OK | mag field - 5559 | 258.00 | 54.70 | -45.10 | EZ Sho | OK | mag field - 5573 |
| 300.00 | 61.40 | -45.30 | EZ Sho | DO | mag field - 5766; mag a little high, Azi unreliable | 357.00 | 48.50 | -44.80 | EZ Sho | OK | mag field - 5535 |
| 396.00 | 53.20 | -44.60 | EZ Sho | OK | mag field - 5526 | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|--|---------------|------|----|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 27.00 | HPO, OVERBURDEN OVERBURDEN - 27m of casing used. | | | | | | | |

Hole Number: H14-O11

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|-------|--|---------------|------|----|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 27.00 | 55.10 | <p>VUO, ULTRAMAFIC VOLCANIC</p> <p>ULTRAMAFIC ROCK - Rock is dark grey to black. Aphanitic/massive. Slickensides present throughout at approximately 35 degrees TCA. Pervasive CHL and TAL alteration with generally trace amounts of sulphides. Minor lamprophyres intrude unit. Minor mafic intrusions also. Low frequency of CAR veinlets following foliation angle at 35 degrees TCA. Rock is very soft with patchy moderate magnetism. Many minor gouges and faults present, one of which resulted in lost core.</p> <p>MINOR INTERVALS: Minor Interval: 32.80 - 35.40 LLO, LAMPROPHYRE Coarse grained lamprophyre. Biotite present. Glaucofane. Minor Interval: 36.20 - 37.40 IMO, MAFIC INTUSIVE Moderate pervasive magnetism. c.g. CAR/amphibole phenocrysts Minor Interval: 46.40 - 46.70 LLO, LAMPROPHYRE Lamprophyre Minor Interval: 47.40 - 47.80 LLO, LAMPROPHYRE Minor Interval: 47.80 - 48.10 LLO, LAMPROPHYRE 4-5% c.g. disseminated PY</p> | | | | | | | |
| 55.10 | 62.40 | <p>IMO, MAFIC INTUSIVE</p> <p>HEMATIZED MAFIC INTRUSION - Rock is dark grey with red tint. Fine grained. Distinct upper contact 40 degrees TCA. Pervasive weak HE alteration with CHL present within fractures. Trace amounts of sulphides and very low presence of CAR veinlets/fractures. Rock is moderate with no magnetism.</p> | | | | | | | |

DETAILED LOG

Hole Number: H14-O11

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 62.40 | 160.00 | VUO, ULTRAMAFIC VOLCANIC | E5700972 | 62.40 | 63.10 | 0.70 | 0.00 | | |
| | | ULTRAMAFIC ROCK - | E5700973 | 63.10 | 63.80 | 0.70 | 0.00 | | |
| | | Rock is dark grey to black. Aphanitic. Distinct upper contact, but it is fractured. | E5700974 | 63.80 | 64.70 | 0.90 | 0.00 | | |
| | | Pervasive CHL and TAL alteration. Trace amounts of sulphides except localized | E5700975 | 64.70 | 65.40 | 0.70 | 0.02 | | |
| | | up to 2% within and around ISP minor interval. Low frequency of CAR | E5700977 | 65.40 | 65.80 | 0.40 | 0.00 | | |
| | | veinlets/fracture fillings generally at 70 degrees TCA. Rock is very soft with no | E5700978 | 65.80 | 66.10 | 0.30 | 0.02 | | |
| | | magnetism. Minor mafic intrusions present with amphibole and carbonate | E5700979 | 66.10 | 67.00 | 0.90 | 0.00 | | |
| | | phenocrysts. Possibly mafic flows as appearance of amygdaloidal texture is | E5700980 | 67.00 | 68.00 | 1.00 | 0.00 | | |
| | | present. Minor mudseams and gouges present near top of unit. | E5700981 | 114.90 | 116.10 | 1.20 | 0.06 | | |
| | | MINOR INTERVALS: | E5700982 | 116.10 | 116.70 | 0.60 | 0.21 | | |
| | | Minor Interval: | E5700983 | 116.70 | 117.10 | 0.40 | 0.61 | | |
| | | 63.10 - 63.80 IMO, MAFIC INTUSIVE | E5700984 | 117.10 | 118.10 | 1.00 | 0.45 | 0.41 | |
| | | CAR phenocrysts | E5700985 | 118.10 | 119.20 | 1.10 | 0.40 | | |
| | | Minor Interval: | E5700987 | 119.20 | 119.50 | 0.30 | 0.29 | | |
| | | 64.70 - 65.40 IMO, MAFIC INTUSIVE | E5700988 | 119.50 | 120.40 | 0.90 | 0.01 | | |
| | | Minor Interval: | | | | | | | |
| | | 65.80 - 66.10 IMO, MAFIC INTUSIVE | | | | | | | |
| | | Minor Interval: | | | | | | | |
| | | 66.30 - 67.00 IMO, MAFIC INTUSIVE | | | | | | | |
| | | CAR phenocrysts and amphiboles | | | | | | | |
| | | Minor Interval: | | | | | | | |
| | | 69.50 - 70.40 VMA, MAFIC VOLCANIC AMYGDALOIDAL | | | | | | | |
| | | CAR amygdules | | | | | | | |
| | | Minor Interval: | | | | | | | |
| | | 105.10 - 106.50 LLO, LAMPROPHYRE | | | | | | | |
| | | Biotitic Lamprophyre | | | | | | | |
| | | Minor Interval: | | | | | | | |
| | | 117.10 - 119.20 ISP, PORPHYRITIC SYENITE | | | | | | | |
| | | Feldspar porphyritic syenite | | | | | | | |

DETAILED LOG

Hole Number: H14-011

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 160.00 | 222.90 | VMM, MAFIC VOLCANIC MASSIVE | E5700989 | 163.80 | 165.00 | 1.20 | 0.01 | | |
| | | MASSIVE MAFIC VOLCANIC ROCK - | E5700990 | 165.00 | 166.00 | 1.00 | 0.01 | | |
| | | Rock is dark green. Aphanitic. Distinct upper contact 70 degrees TCA. Patchy | E5700991 | 166.00 | 166.50 | 0.50 | 0.27 | | |
| | | HE alteration and fracture controlled EP alteration. SER present in minor | E5700992 | 166.50 | 167.50 | 1.00 | 0.01 | | |
| | | intervals of brecciation. PY is clustered within fractures and veinlets, but v.f.g. | E5700993 | 167.50 | 167.80 | 0.30 | 0.32 | | |
| | | disseminated within brecciated intervals. Low frequency of CAR | E5700995 | 167.80 | 169.00 | 1.20 | 0.03 | | |
| | | stringers/veinlets, but QZ present within brecciated intervals. Rock is soft with | E5700996 | 186.00 | 187.30 | 1.30 | 0.02 | | |
| | | strong pervasive magnetism. | E5700997 | 187.30 | 188.10 | 0.80 | 0.04 | 0.05 | |
| | | MINOR INTERVALS: | E5700998 | 188.10 | 189.00 | 0.90 | 0.01 | | |
| | | Minor Interval: | | | | | | | |
| | | 166.00 - 166.50 VMX, MAFIC BRECCIA | | | | | | | |
| | | Minor brecciated mafic volcanic rock | | | | | | | |
| | | Minor Interval: | | | | | | | |
| | | 167.50 - 167.80 VMX, MAFIC BRECCIA | | | | | | | |
| | | Minor brecciated mafic volcanic rock | | | | | | | |
| | | Minor Interval: | | | | | | | |
| | | 187.30 - 188.10 VMX, MAFIC BRECCIA | | | | | | | |
| | | Minor brecciated mafic volcanic rock | | | | | | | |

DETAILED LOG

Hole Number: H14-011

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 222.90 | 396.00 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC/SPHERULITIC FLOW - Rock is black with increasing red/pint pervasive tints at depth. Aphanitic. Distinct upper contact 60 degrees TCA. Weak patchy to semi-pervasive HE alteration with a minor interval of EP altered rock. PY is clustered within CAR fractures/veinlets Low frequency of CAR fractures/stringers. Rock is hard with strong patchy magnetism. | E5700010 | 331.00 | 332.00 | 1.00 | 0.90 | 0.89 | |
| | | | E5700011 | 332.00 | 333.00 | 1.00 | 1.25 | | |
| | | | E5700012 | 333.00 | 334.00 | 1.00 | 0.49 | | |
| | | | E5700014 | 334.00 | 334.40 | 0.40 | 0.62 | | |
| | | | E5700015 | 334.40 | 335.00 | 0.60 | 0.36 | | |
| | | | E5700016 | 335.00 | 335.60 | 0.60 | 0.36 | | |
| | | | E5700017 | 335.60 | 336.00 | 0.40 | 0.06 | | |
| | | | E5700018 | 336.00 | 337.00 | 1.00 | 0.28 | | |
| | | | E5700019 | 337.00 | 337.40 | 0.40 | 0.31 | | |
| | | | E5700020 | 337.40 | 338.20 | 0.80 | 0.09 | | |
| | | | E5700021 | 338.20 | 339.00 | 0.80 | 0.00 | | |
| | | | E5700022 | 339.00 | 340.00 | 1.00 | 0.09 | | |
| | | | E5700023 | 340.00 | 341.00 | 1.00 | 0.14 | 0.16 | |
| | | | E5700024 | 341.00 | 341.90 | 0.90 | 0.25 | | |
| | | | E5700026 | 341.90 | 342.30 | 0.40 | 0.69 | | |
| | | | E5700027 | 342.30 | 342.70 | 0.40 | 0.30 | | |
| | | | E5700028 | 342.70 | 343.50 | 0.80 | 3.94 | | |
| | | | E5700029 | 343.50 | 344.00 | 0.50 | 10.00 | | 14.70 |
| | | | E5700030 | 344.00 | 345.00 | 1.00 | 0.61 | | |
| | | | E5700031 | 345.00 | 346.00 | 1.00 | 0.84 | | |
| | | | E5700032 | 346.00 | 347.00 | 1.00 | 4.53 | | |
| | | | E5700033 | 347.00 | 348.00 | 1.00 | 0.63 | | |
| | | | E5700034 | 348.00 | 349.50 | 1.50 | 0.28 | | |
| | | | E5700036 | 349.50 | 351.00 | 1.50 | 1.77 | 1.54 | |
| | | | E5700037 | 351.00 | 352.00 | 1.00 | 0.25 | | |
| | | | E5700038 | 352.00 | 353.00 | 1.00 | 0.92 | | |
| | | | E5700039 | 353.00 | 353.50 | 0.50 | 1.66 | | |
| | | | E5700040 | 353.50 | 354.40 | 0.90 | 0.49 | | |
| | | | E5700041 | 378.00 | 378.70 | 0.70 | 1.42 | | |
| | | | E5700042 | 378.70 | 379.40 | 0.70 | 5.83 | | |
| | | | E5700043 | 379.40 | 380.20 | 0.80 | 1.56 | | |
| | | | E5700044 | 380.20 | 380.90 | 0.70 | 0.60 | | |
| | | | E5700046 | 380.90 | 381.70 | 0.80 | 0.78 | | |
| | | | E5700047 | 381.70 | 382.20 | 0.50 | 0.51 | | |
| | | | E5700048 | 382.20 | 383.10 | 0.90 | 0.38 | 0.43 | |
| | | | E5700049 | 383.10 | 384.00 | 0.90 | 0.45 | | |
| | | | E5700050 | 384.00 | 384.50 | 0.50 | 0.08 | | |
| | | | E5700051 | 384.50 | 385.80 | 1.30 | 0.07 | | |
| | | | E5700052 | 385.80 | 386.80 | 1.00 | 0.14 | | |
| | | | E5700053 | 386.80 | 387.60 | 0.80 | 0.08 | | |
| | | | E5700054 | 387.60 | 388.40 | 0.80 | 0.17 | | |
| | | | E5700056 | 388.40 | 389.60 | 1.20 | 0.01 | | |
| | | | E5700057 | 389.60 | 390.50 | 0.90 | 0.36 | | |

DETAILED LOG

Hole Number: H14-011

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5700058 | 390.50 | 391.80 | 1.30 | 0.22 | | |
| | | | E5700059 | 391.80 | 393.00 | 1.20 | 0.44 | | |
| | | | E5700060 | 393.00 | 394.00 | 1.00 | 0.96 | 0.85 | |
| | | | E5700061 | 394.00 | 395.00 | 1.00 | 0.46 | | |
| | | | E5700062 | 395.00 | 396.00 | 1.00 | 0.33 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700972 | 62.40 | 63.10 | 0.0005 | | |
| E5700973 | 63.10 | 63.80 | 0.0005 | | |
| E5700974 | 63.80 | 64.70 | 0.0020 | | |
| E5700975 | 64.70 | 65.40 | 0.0200 | | |
| E5700977 | 65.40 | 65.80 | 0.0005 | | |
| E5700978 | 65.80 | 66.10 | 0.0170 | | |
| E5700979 | 66.10 | 67.00 | 0.0020 | | |
| E5700980 | 67.00 | 68.00 | 0.0005 | | |
| E5700981 | 114.90 | 116.10 | 0.0550 | | |
| E5700982 | 116.10 | 116.70 | 0.2080 | | |
| E5700983 | 116.70 | 117.10 | 0.6130 | | |
| E5700984 | 117.10 | 118.10 | 0.4450 | 0.4110 | |
| E5700985 | 118.10 | 119.20 | 0.4000 | | |
| E5700987 | 119.20 | 119.50 | 0.2860 | | |
| E5700988 | 119.50 | 120.40 | 0.0100 | | |
| E5700989 | 163.80 | 165.00 | 0.0090 | | |
| E5700990 | 165.00 | 166.00 | 0.0090 | | |
| E5700991 | 166.00 | 166.50 | 0.2720 | | |
| E5700992 | 166.50 | 167.50 | 0.0110 | | |
| E5700993 | 167.50 | 167.80 | 0.3230 | | |
| E5700995 | 167.80 | 169.00 | 0.0300 | | |
| E5700996 | 186.00 | 187.30 | 0.0200 | | |
| E5700997 | 187.30 | 188.10 | 0.0430 | 0.0460 | |
| E5700998 | 188.10 | 189.00 | 0.0110 | | |
| E5700010 | 331.00 | 332.00 | 0.8950 | 0.8920 | |
| E5700011 | 332.00 | 333.00 | 1.2500 | | |
| E5700012 | 333.00 | 334.00 | 0.4870 | | |
| E5700014 | 334.00 | 334.40 | 0.6220 | | |
| E5700015 | 334.40 | 335.00 | 0.3550 | | |
| E5700016 | 335.00 | 335.60 | 0.3590 | | |
| E5700017 | 335.60 | 336.00 | 0.0570 | | |

Hole Number: H14-O11

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700018 | 336.00 | 337.00 | 0.2820 | | |
| E5700019 | 337.00 | 337.40 | 0.3080 | | |
| E5700020 | 337.40 | 338.20 | 0.0900 | | |
| E5700021 | 338.20 | 339.00 | 0.0030 | | |
| E5700022 | 339.00 | 340.00 | 0.0860 | | |
| E5700023 | 340.00 | 341.00 | 0.1420 | 0.1610 | |
| E5700024 | 341.00 | 341.90 | 0.2520 | | |
| E5700026 | 341.90 | 342.30 | 0.6890 | | |
| E5700027 | 342.30 | 342.70 | 0.3020 | | |
| E5700028 | 342.70 | 343.50 | 3.9400 | | |
| E5700029 | 343.50 | 344.00 | 10.0000 | | 14.7000 |
| E5700030 | 344.00 | 345.00 | 0.6120 | | |
| E5700031 | 345.00 | 346.00 | 0.8360 | | |
| E5700032 | 346.00 | 347.00 | 4.5300 | | |
| E5700033 | 347.00 | 348.00 | 0.6320 | | |
| E5700034 | 348.00 | 349.50 | 0.2810 | | |
| E5700036 | 349.50 | 351.00 | 1.7700 | 1.5400 | |
| E5700037 | 351.00 | 352.00 | 0.2470 | | |
| E5700038 | 352.00 | 353.00 | 0.9210 | | |
| E5700039 | 353.00 | 353.50 | 1.6600 | | |
| E5700040 | 353.50 | 354.40 | 0.4930 | | |
| E5700041 | 378.00 | 378.70 | 1.4200 | | |
| E5700042 | 378.70 | 379.40 | 5.8300 | | |
| E5700043 | 379.40 | 380.20 | 1.5600 | | |
| E5700044 | 380.20 | 380.90 | 0.5960 | | |
| E5700046 | 380.90 | 381.70 | 0.7810 | | |
| E5700047 | 381.70 | 382.20 | 0.5140 | | |
| E5700048 | 382.20 | 383.10 | 0.3830 | 0.4320 | |
| E5700049 | 383.10 | 384.00 | 0.4520 | | |
| E5700050 | 384.00 | 384.50 | 0.0830 | | |
| E5700051 | 384.50 | 385.80 | 0.0740 | | |
| E5700052 | 385.80 | 386.80 | 0.1440 | | |
| E5700053 | 386.80 | 387.60 | 0.0780 | | |
| E5700054 | 387.60 | 388.40 | 0.1660 | | |
| E5700056 | 388.40 | 389.60 | 0.0060 | | |
| E5700057 | 389.60 | 390.50 | 0.3580 | | |
| E5700058 | 390.50 | 391.80 | 0.2160 | | |
| E5700059 | 391.80 | 393.00 | 0.4440 | | |
| E5700060 | 393.00 | 394.00 | 0.9620 | 0.8470 | |

Hole Number: H14-011

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700061 | 394.00 | 395.00 | 0.4580 | | |
| E5700062 | 395.00 | 396.00 | 0.3330 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| HPO | 0 |
| | 3.00 |
| VMV | 3.00 |
| | 143.00 |
| VMM | 143.00 |
| | 200.80 |
| VMV | 200.80 |
| | 240.00 |

| | | | |
|---------------------------|---------------------------|---------------|------------|
| Hole No: H14-012 | Hole Type: DDH | Hole Size: NQ | |
| Location: Hislop Township | Core Storage: Exploration | | |
| Casing: YES | Claim No: CP468 | | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 | To: 240.00 |

| | | | | |
|--------------------|-----------------|---|---|---|
| Azimuth Dec: 55.60 | Dip Dec: -57.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Garant Start Date: Mar 25, 2014 Completed: Apr 03, 2014

Logged By: bhua Entered On: Apr 05, 2014

Comments:

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372150.000000 | 551300.000000 | 300.0000 | UTM: | | | | |



DETAILED LOG

Hole Number: H14-012

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -57.00 |
| Project Number: HISLOP | North: 5372150.00 | North: | Collar Az: 55.60 |
| Location: Hislop Township | East: 551300.00 | East: | Length: 240.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Mar 25, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Apr 03, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 240.00 |

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 | 55.60 | -56.90 | EZ Sho | DO | Multiple tests further show great deviation | 51.00 | 72.10 | -57.30 | EZ Sho | OK | Large deviation from other tests. Dip only |
| 55.60 | 55.60 | -57.00 | EZ Sho | DO | Planned collar; Multiple tests further show great deviation | 108.00 | 59.00 | -57.10 | EZ Sho | DO | |
| 150.00 | 68.10 | -57.00 | EZ Sho | DO | Mag low, suspect azi is off | 153.00 | 72.90 | -57.40 | EZ Sho | OK | |
| 162.00 | 64.40 | -56.90 | EZ Sho | OK | | 201.00 | 68.80 | -57.10 | EZ Sho | OK | |
| 240.00 | 71.20 | -57.70 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|------|--|---------------|------|----|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 3.00 | HPO, OVERBURDEN OVERBURDEN - 3m of casing used | | | | | | | |

DETAILED LOG

Hole Number: H14-012

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 3.00 | 143.00 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green with patchy pale/pink areas. Aphanitic. HE is patchy throughout with areas of concentrated/semi-pervasive HE alteration. PY is concentrated towards CAR/QZ veinlets up to 5%, but can be visible around CAR stringers/fractures at a lower concentration. Interest is focused on QZ/CAR stringers with increased PY. CAL fractures/stringers present in low frequency and QZ/CAR veinlets present in even lower frequency. Rock is hard with patchy strong magnetism. Varioles present in patches throughout. | E5700063 | 3.00 | 4.00 | 1.00 | 6.09 | | |
| | | | E5700064 | 4.00 | 5.00 | 1.00 | 0.49 | | |
| | | | E5700065 | 5.00 | 6.00 | 1.00 | 0.08 | | |
| | | | E5700066 | 6.00 | 7.00 | 1.00 | 0.01 | | |
| | | | E5700068 | 7.00 | 8.00 | 1.00 | 0.02 | | |
| | | | E5700069 | 8.00 | 9.00 | 1.00 | 0.01 | | |
| | | | E5700070 | 9.00 | 9.50 | 0.50 | 1.91 | | |
| | | | E5700071 | 9.50 | 10.10 | 0.60 | 0.53 | | |
| | | | E5700072 | 10.10 | 11.50 | 1.40 | 0.02 | | |
| | | | E5700073 | 11.50 | 12.50 | 1.00 | 0.01 | | |
| | | | E5700074 | 12.50 | 13.50 | 1.00 | 0.02 | | |
| | | | E5700075 | 13.50 | 13.80 | 0.30 | 7.75 | | |
| | | | E5700077 | 13.80 | 15.20 | 1.40 | 1.57 | 1.74 | |
| | | | E5700078 | 15.20 | 16.00 | 0.80 | 1.32 | | |
| | | | E5700079 | 16.00 | 17.00 | 1.00 | 0.09 | | |
| | | | E5700080 | 17.00 | 18.00 | 1.00 | 5.89 | | |
| | | | E5700081 | 18.00 | 19.50 | 1.50 | 2.29 | | |
| | | | E5700082 | 19.50 | 21.00 | 1.50 | 0.06 | | |
| | | | E5700083 | 21.00 | 22.50 | 1.50 | 0.01 | | |
| | | | E5700084 | 22.50 | 24.00 | 1.50 | 0.01 | | |
| | | | E5700085 | 24.00 | 25.50 | 1.50 | 0.01 | | |
| | | | E5700086 | 25.50 | 27.00 | 1.50 | 0.01 | | |
| | | | E5700087 | 27.00 | 28.30 | 1.30 | 0.54 | | |
| | | | E5700089 | 28.30 | 29.00 | 0.70 | 1.11 | 0.89 | |
| | | | E5700090 | 29.00 | 30.00 | 1.00 | 2.94 | | |
| | | | E5700091 | 30.00 | 31.50 | 1.50 | 2.28 | | |
| | | | E5700092 | 31.50 | 33.00 | 1.50 | 0.31 | | |
| | | | E5700093 | 33.00 | 34.50 | 1.50 | 1.03 | | |
| | | | E5700094 | 34.50 | 35.90 | 1.40 | 0.47 | | |
| | | | E5700095 | 35.90 | 36.70 | 0.80 | 3.28 | | |
| | | | E5700096 | 36.70 | 37.80 | 1.10 | 7.14 | | |
| | | | E5700098 | 37.80 | 38.90 | 1.10 | 6.66 | | |
| | | | E5700099 | 38.90 | 39.70 | 0.80 | 6.18 | | |
| | | | E5700100 | 39.70 | 40.40 | 0.70 | 10.00 | | 19.20 |
| | | | E5700101 | 40.40 | 41.10 | 0.70 | 10.00 | 10.00 | 25.70 |
| | | | E5700102 | 41.10 | 42.10 | 1.00 | 10.00 | | 29.70 |
| | | | E5700103 | 42.10 | 43.50 | 1.40 | 1.53 | | |
| | | | E5700389 | 43.50 | 45.00 | 1.50 | 3.01 | 3.40 | |
| | | | E5700390 | 45.00 | 45.70 | 0.70 | 1.92 | | |
| | | | E5700391 | 45.70 | 46.10 | 0.40 | 4.27 | | |
| | | | E5700392 | 46.10 | 47.00 | 0.90 | 0.02 | | |
| | | | E5700393 | 47.00 | 48.00 | 1.00 | 0.02 | | |
| | | | E5700394 | 48.00 | 49.50 | 1.50 | 0.02 | | |

DETAILED LOG

Hole Number: H14-012

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5700396 | 49.50 | 51.00 | 1.50 | 0.06 | | |
| | | | E5700397 | 51.00 | 52.00 | 1.00 | 0.10 | | |
| | | | E5700398 | 52.00 | 53.00 | 1.00 | 0.01 | | |
| | | | E5700399 | 53.00 | 54.20 | 1.20 | 0.04 | | |
| | | | E5700400 | 54.20 | 55.00 | 0.80 | 0.01 | | |
| | | | E5700401 | 55.00 | 56.00 | 1.00 | 0.13 | | |
| | | | E5700402 | 56.00 | 57.00 | 1.00 | 0.01 | 0.01 | |
| | | | E5700403 | 57.00 | 58.50 | 1.50 | 0.01 | | |
| | | | E5700405 | 58.50 | 60.00 | 1.50 | 0.06 | | |
| | | | E5700406 | 60.00 | 61.40 | 1.40 | 0.06 | | |
| | | | E5700104 | 61.40 | 62.10 | 0.70 | 0.20 | | |
| | | | E5700105 | 62.10 | 62.50 | 0.40 | 3.80 | | |
| | | | E5700106 | 62.50 | 63.50 | 1.00 | 0.19 | | |
| | | | E5700108 | 63.50 | 64.60 | 1.10 | 0.02 | | |
| | | | E5700109 | 64.60 | 66.00 | 1.40 | 0.02 | | |
| | | | E5700110 | 66.00 | 67.50 | 1.50 | 0.04 | | |
| | | | E5700111 | 67.50 | 69.00 | 1.50 | 0.01 | | |
| | | | E5700112 | 69.00 | 70.00 | 1.00 | 0.02 | | |
| | | | E5700113 | 70.00 | 71.00 | 1.00 | 0.01 | 0.01 | |
| | | | E5700114 | 71.00 | 71.60 | 0.60 | 1.45 | | |
| | | | E5700116 | 71.60 | 72.30 | 0.70 | 0.10 | | |
| | | | E5700117 | 72.30 | 73.60 | 1.30 | 0.03 | | |
| | | | E5700118 | 114.40 | 115.20 | 0.80 | 0.01 | | |
| | | | E5700119 | 115.20 | 115.80 | 0.60 | 0.02 | | |
| | | | E5700120 | 115.80 | 116.60 | 0.80 | 0.02 | | |
| | | | E5700121 | 116.60 | 117.30 | 0.70 | 0.03 | | |
| | | | E5700122 | 117.30 | 118.00 | 0.70 | 0.11 | | |
| | | | E5700123 | 118.00 | 119.00 | 1.00 | 0.02 | | |
| | | | E5700124 | 119.00 | 120.30 | 1.30 | 0.43 | | |
| | | | E5700125 | 120.30 | 121.00 | 0.70 | 1.99 | | |
| | | | E5700126 | 121.00 | 122.00 | 1.00 | 6.31 | 5.06 | |
| | | | E5700128 | 122.00 | 122.80 | 0.80 | 6.04 | | |
| | | | E5700129 | 122.80 | 123.70 | 0.90 | 2.59 | | |
| | | | E5700130 | 123.70 | 124.70 | 1.00 | 0.66 | | |
| | | | E5700131 | 124.70 | 125.90 | 1.20 | 6.03 | | |
| | | | E5700132 | 125.90 | 127.20 | 1.30 | 10.00 | 21.80 | 21.00 |
| | | | E5700133 | 127.20 | 128.20 | 1.00 | 3.08 | | |
| | | | E5700134 | 128.20 | 129.00 | 0.80 | 0.80 | | |
| | | | E5700135 | 129.00 | 130.00 | 1.00 | 0.46 | | |
| | | | E5700137 | 130.00 | 131.00 | 1.00 | 0.10 | | |
| | | | E5700138 | 131.00 | 132.40 | 1.40 | 0.04 | 0.05 | |
| | | | E5700139 | 132.40 | 133.50 | 1.10 | 0.34 | | |
| | | | E5700140 | 133.50 | 134.60 | 1.10 | 1.46 | | |

Hole Number: H14-012

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5700141 | 134.60 | 135.70 | 1.10 | 0.93 | | |
| | | | E5700142 | 135.70 | 136.60 | 0.90 | 0.72 | | |
| | | | E5700143 | 136.60 | 137.00 | 0.40 | 1.65 | | |
| | | | E5700144 | 137.00 | 137.70 | 0.70 | 2.70 | | |
| | | | E5700146 | 137.70 | 139.00 | 1.30 | 2.10 | | |
| | | | E5700147 | 139.00 | 140.20 | 1.20 | 1.12 | | |
| | | | E5700148 | 140.20 | 141.50 | 1.30 | 0.11 | | |
| | | | E5700149 | 141.50 | 142.50 | 1.00 | 2.43 | | |
| | | | E5700150 | 142.50 | 143.00 | 0.50 | 0.03 | | |
| 143.00 | 200.80 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC FLOW - Rock is dark green. Fine to medium grained. Upper contact marked where varioles end. HE alteration is rarely present around CAR fractures. Weak disseminated LCX. Trace PY. Low frequency of CAR veinlets/fractures. Rock is hard with pervasive moderate magnetism. | E5700151 | 143.00 | 143.90 | 0.90 | 0.03 | | |
| 200.80 | 240.00 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green. Aphanitic. Upper contact marked at broken core where appearance of rock changes. EP alteration is fracture controlled with strong/infrequent HE alteration is present within CAR and QZ veinlets. Trace amounts of PY, but can be visible around veinlets. Low frequency of veining. Rock is hard with pervasive strong magnetism. | | | | | | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700063 | 3.00 | 4.00 | 6.0900 | | |
| E5700064 | 4.00 | 5.00 | 0.4920 | | |
| E5700065 | 5.00 | 6.00 | 0.0760 | | |
| E5700066 | 6.00 | 7.00 | 0.0100 | | |
| E5700068 | 7.00 | 8.00 | 0.0230 | | |
| E5700069 | 8.00 | 9.00 | 0.0100 | | |
| E5700070 | 9.00 | 9.50 | 1.9100 | | |
| E5700071 | 9.50 | 10.10 | 0.5280 | | |
| E5700072 | 10.10 | 11.50 | 0.0160 | | |
| E5700073 | 11.50 | 12.50 | 0.0070 | | |
| E5700074 | 12.50 | 13.50 | 0.0160 | | |
| E5700075 | 13.50 | 13.80 | 7.7500 | | |
| E5700077 | 13.80 | 15.20 | 1.5700 | 1.7400 | |
| E5700078 | 15.20 | 16.00 | 1.3200 | | |
| E5700079 | 16.00 | 17.00 | 0.0900 | | |
| E5700080 | 17.00 | 18.00 | 5.8900 | | |

Hole Number: H14-012

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700081 | 18.00 | 19.50 | 2.2900 | | |
| E5700082 | 19.50 | 21.00 | 0.0610 | | |
| E5700083 | 21.00 | 22.50 | 0.0110 | | |
| E5700084 | 22.50 | 24.00 | 0.0070 | | |
| E5700085 | 24.00 | 25.50 | 0.0070 | | |
| E5700086 | 25.50 | 27.00 | 0.0070 | | |
| E5700087 | 27.00 | 28.30 | 0.5410 | | |
| E5700089 | 28.30 | 29.00 | 1.1100 | 0.8940 | |
| E5700090 | 29.00 | 30.00 | 2.9400 | | |
| E5700091 | 30.00 | 31.50 | 2.2800 | | |
| E5700092 | 31.50 | 33.00 | 0.3060 | | |
| E5700093 | 33.00 | 34.50 | 1.0300 | | |
| E5700094 | 34.50 | 35.90 | 0.4710 | | |
| E5700095 | 35.90 | 36.70 | 3.2800 | | |
| E5700096 | 36.70 | 37.80 | 7.1400 | | |
| E5700098 | 37.80 | 38.90 | 6.6600 | | |
| E5700099 | 38.90 | 39.70 | 6.1800 | | |
| E5700100 | 39.70 | 40.40 | 10.0000 | | 19.2000 |
| E5700101 | 40.40 | 41.10 | 10.0000 | 10.0000 | 25.7000 |
| E5700102 | 41.10 | 42.10 | 10.0000 | | 29.7000 |
| E5700103 | 42.10 | 43.50 | 1.5300 | | |
| E5700389 | 43.50 | 45.00 | 3.0100 | 3.4000 | |
| E5700390 | 45.00 | 45.70 | 1.9200 | | |
| E5700391 | 45.70 | 46.10 | 4.2700 | | |
| E5700392 | 46.10 | 47.00 | 0.0150 | | |
| E5700393 | 47.00 | 48.00 | 0.0190 | | |
| E5700394 | 48.00 | 49.50 | 0.0200 | | |
| E5700396 | 49.50 | 51.00 | 0.0640 | | |
| E5700397 | 51.00 | 52.00 | 0.0970 | | |
| E5700398 | 52.00 | 53.00 | 0.0140 | | |
| E5700399 | 53.00 | 54.20 | 0.0400 | | |
| E5700400 | 54.20 | 55.00 | 0.0140 | | |
| E5700401 | 55.00 | 56.00 | 0.1250 | | |
| E5700402 | 56.00 | 57.00 | 0.0090 | 0.0090 | |
| E5700403 | 57.00 | 58.50 | 0.0090 | | |
| E5700405 | 58.50 | 60.00 | 0.0550 | | |
| E5700406 | 60.00 | 61.40 | 0.0570 | | |
| E5700104 | 61.40 | 62.10 | 0.2000 | | |
| E5700105 | 62.10 | 62.50 | 3.8000 | | |

Hole Number: H14-012

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700106 | 62.50 | 63.50 | 0.1930 | | |
| E5700108 | 63.50 | 64.60 | 0.0220 | | |
| E5700109 | 64.60 | 66.00 | 0.0160 | | |
| E5700110 | 66.00 | 67.50 | 0.0400 | | |
| E5700111 | 67.50 | 69.00 | 0.0080 | | |
| E5700112 | 69.00 | 70.00 | 0.0180 | | |
| E5700113 | 70.00 | 71.00 | 0.0100 | 0.0110 | |
| E5700114 | 71.00 | 71.60 | 1.4500 | | |
| E5700116 | 71.60 | 72.30 | 0.0960 | | |
| E5700117 | 72.30 | 73.60 | 0.0290 | | |
| E5700118 | 114.40 | 115.20 | 0.0090 | | |
| E5700119 | 115.20 | 115.80 | 0.0180 | | |
| E5700120 | 115.80 | 116.60 | 0.0150 | | |
| E5700121 | 116.60 | 117.30 | 0.0310 | | |
| E5700122 | 117.30 | 118.00 | 0.1050 | | |
| E5700123 | 118.00 | 119.00 | 0.0240 | | |
| E5700124 | 119.00 | 120.30 | 0.4250 | | |
| E5700125 | 120.30 | 121.00 | 1.9900 | | |
| E5700126 | 121.00 | 122.00 | 6.3100 | 5.0600 | |
| E5700128 | 122.00 | 122.80 | 6.0400 | | |
| E5700129 | 122.80 | 123.70 | 2.5900 | | |
| E5700130 | 123.70 | 124.70 | 0.6580 | | |
| E5700131 | 124.70 | 125.90 | 6.0300 | | |
| E5700132 | 125.90 | 127.20 | 10.0000 | 21.8000 | 21.0000 |
| E5700133 | 127.20 | 128.20 | 3.0800 | | |
| E5700134 | 128.20 | 129.00 | 0.7960 | | |
| E5700135 | 129.00 | 130.00 | 0.4600 | | |
| E5700137 | 130.00 | 131.00 | 0.0970 | | |
| E5700138 | 131.00 | 132.40 | 0.0370 | 0.0480 | |
| E5700139 | 132.40 | 133.50 | 0.3370 | | |
| E5700140 | 133.50 | 134.60 | 1.4600 | | |
| E5700141 | 134.60 | 135.70 | 0.9280 | | |
| E5700142 | 135.70 | 136.60 | 0.7170 | | |
| E5700143 | 136.60 | 137.00 | 1.6500 | | |
| E5700144 | 137.00 | 137.70 | 2.7000 | | |
| E5700146 | 137.70 | 139.00 | 2.1000 | | |
| E5700147 | 139.00 | 140.20 | 1.1200 | | |
| E5700148 | 140.20 | 141.50 | 0.1050 | | |
| E5700149 | 141.50 | 142.50 | 2.4300 | | |

Hole Number: H14-012

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700150 | 142.50 | 143.00 | 0.0260 | | |
| E5700151 | 143.00 | 143.90 | 0.0280 | | |

DETAILED LOG

Hole Number: H14-013

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -54.00 |
| Project Number: HISLOP | North: 5372150.00 | North: | Collar Az: 60.00 |
| Location: Hislop Township | East: 551275.00 | East: | Length: 159.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: May 05, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: May 06, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 159.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 60.00 | -54.00 | EZ Sho | DO | Planned collar; dip only due to deviation | 30.00 | 63.90 | -53.50 | EZ Sho | OK | |
| 51.00 | 68.60 | -54.00 | EZ Sho | OK | | 102.00 | 66.70 | -53.20 | EZ Sho | OK | |
| 150.00 | 63.50 | -54.00 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|-------|-------|--------|-----------|-------------|------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
| 0.00 | 9.00 | HPO, OVERBURDEN OVERBURDEN - 9m of casing used. | | | | | | | |
| 9.00 | 17.50 | VMX, MAFIC BRECCIA MAFIC BRECCIA - Rock is red and green. Aphanitic. Moderate brecciation of unit throughout. Generally, patches of SER and HE alteration with minor disseminated LCX. Moderate concentrations of PY concentrated around QZ brecciated veins. Crustiform QZ veinlets and veins throughout are brecciated and broken. Rock is soft with no mag. Sediment-like bedding between 14.3-17.5m. | E5700460 | 9.00 | 10.00 | 1.00 | 0.01 | | 0.02 |
| | | | E5700461 | 10.00 | 11.00 | 1.00 | 0.37 | | |
| | | | E5700462 | 11.00 | 12.00 | 1.00 | 0.95 | | |
| | | | E5700463 | 12.00 | 12.80 | 0.80 | 0.67 | | |
| | | | E5700465 | 12.80 | 13.60 | 0.80 | 0.01 | | |
| | | | E5700466 | 13.60 | 14.30 | 0.70 | 0.01 | | |
| | | | E5700467 | 14.30 | 15.10 | 0.80 | 0.02 | | |
| | | | E5700468 | 15.10 | 15.70 | 0.60 | 0.01 | | |
| | | | E5700469 | 15.70 | 16.60 | 0.90 | 0.01 | | |
| | | | E5700470 | 16.60 | 17.50 | 0.90 | 0.03 | | |
| 17.50 | 115.20 | VGO, GABBRO MAFIC GABBRO - Rock is green. Medium grained. Distinct upper contact at minor vein 70 degrees TCA. Disseminated LCX present throughout with fracture filling EP alteration around CAR stringers/veinlets. Trace sulphides. Rock is soft with no magnetism. | E5700471 | 17.50 | 18.30 | 0.80 | 0.02 | | |
| | | | E5700473 | 18.30 | 19.20 | 0.90 | 0.03 | | 0.10 |
| | | | E5700474 | 19.20 | 20.10 | 0.90 | 0.01 | | |
| | | | E5700475 | 20.10 | 21.00 | 0.90 | 0.01 | | |
| | | | E5700476 | 21.00 | 21.60 | 0.60 | 0.03 | | |
| | | | E5700477 | 21.60 | 22.90 | 1.30 | 0.00 | | |
| | | | E5700478 | 22.90 | 24.00 | 1.10 | 0.00 | | |
| | | | E5700479 | 24.00 | 24.80 | 0.80 | 0.01 | | |
| | | | E5700480 | 24.80 | 25.70 | 0.90 | 0.01 | | |

DETAILED LOG

Hole Number: H14-013

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|-------------|------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
| 115.20 | 159.00 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green. Aphanitic. Upper contact present at minor QZ vein. HE is patchy with increasing HE and bleaching around CAR/QZ stringers. BLE may be albitic. Sulphides are mainly stringer/fracture controlled as haloes. Dominantly PY, but CPY can be seen within veinlets/stringers. Low frequency of CAR stringers with some minor QZ/CAR brecciated veinlets and veins. Rock is moderate with moderate patchy magnetism. | E5700481 | 126.00 | 127.10 | 1.10 | 0.02 | | |
| | | | E5700482 | 127.10 | 128.20 | 1.10 | 0.01 | | |
| | | | E5700483 | 128.20 | 129.50 | 1.30 | 0.68 | | |
| | | | E5700484 | 129.50 | 130.50 | 1.00 | 0.59 | | |
| | | | E5700486 | 130.50 | 132.00 | 1.50 | 1.55 | | 1.29 |
| | | | E5700487 | 132.00 | 132.60 | 0.60 | 1.31 | | |
| | | | E5700488 | 132.60 | 133.60 | 1.00 | 0.01 | | |
| | | | E5700489 | 133.60 | 134.60 | 1.00 | 1.47 | | |
| | | | E5700490 | 134.60 | 135.50 | 0.90 | 7.90 | | |
| | | | E5700491 | 135.50 | 136.10 | 0.60 | 2.26 | | |
| | | | E5700492 | 136.10 | 137.10 | 1.00 | 0.02 | | |
| | | | E5700493 | 137.10 | 138.00 | 0.90 | 0.17 | | |
| | | | E5700494 | 138.00 | 139.00 | 1.00 | 0.03 | | |
| | | | E5700496 | 139.00 | 140.00 | 1.00 | 0.00 | | |
| | | | E5700497 | 140.00 | 141.00 | 1.00 | 0.00 | | |
| | | | E5700498 | 141.00 | 142.00 | 1.00 | 0.00 | | 0.00 |
| | | | E5700499 | 142.00 | 143.00 | 1.00 | 0.17 | | |
| | | | E5700500 | 143.00 | 144.00 | 1.00 | 0.04 | | |
| | | | E5700501 | 144.00 | 145.00 | 1.00 | 0.01 | | |
| | | | E5700502 | 145.00 | 145.70 | 0.70 | 4.59 | | |
| | | | E5700503 | 145.70 | 146.40 | 0.70 | 0.76 | | |
| | | | E5700505 | 146.40 | 147.20 | 0.80 | 0.97 | | |
| | | | E5700506 | 147.20 | 148.10 | 0.90 | 6.61 | | |
| | | | E5700507 | 148.10 | 148.70 | 0.60 | 10.00 | 9.75 | |
| | | | E5700508 | 148.70 | 149.50 | 0.80 | 10.00 | 11.91 | |
| | | | E5700509 | 149.50 | 150.20 | 0.70 | 10.00 | 24.02 | |
| | | | E5700510 | 150.20 | 150.70 | 0.50 | 10.00 | 143.70 | 10.00 |
| | | | E5700511 | 150.70 | 151.50 | 0.80 | 2.05 | | |
| | | | E5700512 | 151.50 | 152.70 | 1.20 | 0.07 | | |
| | | | E5700513 | 152.70 | 153.60 | 0.90 | 0.22 | | |
| | | | E5700514 | 153.60 | 154.60 | 1.00 | 0.49 | | |
| | | | E5700516 | 154.60 | 155.00 | 0.40 | 0.39 | | |
| | | E5700517 | 155.00 | 156.00 | 1.00 | 0.91 | | | |
| | | E5700518 | 156.00 | 157.00 | 1.00 | 0.34 | | | |
| | | E5700519 | 157.00 | 158.00 | 1.00 | 0.07 | | | |
| | | E5700520 | 158.00 | 159.00 | 1.00 | 0.02 | | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
|---------------|-------|-------|-----------|-------------|------------|
| Sample Type | ASSAY | | | | |
| E5700460 | 9.00 | 10.00 | 0.0130 | | 0.0200 |
| E5700461 | 10.00 | 11.00 | 0.3700 | | |

Hole Number: H14-013

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
|---------------|--------|--------|-----------|-------------|------------|
| Sample Type | ASSAY | | | | |
| E5700462 | 11.00 | 12.00 | 0.9530 | | |
| E5700463 | 12.00 | 12.80 | 0.6660 | | |
| E5700465 | 12.80 | 13.60 | 0.0060 | | |
| E5700466 | 13.60 | 14.30 | 0.0060 | | |
| E5700467 | 14.30 | 15.10 | 0.0240 | | |
| E5700468 | 15.10 | 15.70 | 0.0110 | | |
| E5700469 | 15.70 | 16.60 | 0.0120 | | |
| E5700470 | 16.60 | 17.50 | 0.0280 | | |
| E5700471 | 17.50 | 18.30 | 0.0160 | | |
| E5700473 | 18.30 | 19.20 | 0.0250 | | 0.1000 |
| E5700474 | 19.20 | 20.10 | 0.0090 | | |
| E5700475 | 20.10 | 21.00 | 0.0060 | | |
| E5700476 | 21.00 | 21.60 | 0.0280 | | |
| E5700477 | 21.60 | 22.90 | 0.0040 | | |
| E5700478 | 22.90 | 24.00 | 0.0040 | | |
| E5700479 | 24.00 | 24.80 | 0.0070 | | |
| E5700480 | 24.80 | 25.70 | 0.0080 | | |
| E5700481 | 126.00 | 127.10 | 0.0150 | | |
| E5700482 | 127.10 | 128.20 | 0.0140 | | |
| E5700483 | 128.20 | 129.50 | 0.6830 | | |
| E5700484 | 129.50 | 130.50 | 0.5920 | | |
| E5700486 | 130.50 | 132.00 | 1.5500 | | 1.2900 |
| E5700487 | 132.00 | 132.60 | 1.3100 | | |
| E5700488 | 132.60 | 133.60 | 0.0120 | | |
| E5700489 | 133.60 | 134.60 | 1.4700 | | |
| E5700490 | 134.60 | 135.50 | 7.9000 | | |
| E5700491 | 135.50 | 136.10 | 2.2600 | | |
| E5700492 | 136.10 | 137.10 | 0.0160 | | |
| E5700493 | 137.10 | 138.00 | 0.1710 | | |
| E5700494 | 138.00 | 139.00 | 0.0300 | | |
| E5700496 | 139.00 | 140.00 | 0.0040 | | |
| E5700497 | 140.00 | 141.00 | 0.0040 | | |
| E5700498 | 141.00 | 142.00 | 0.0030 | | 0.0040 |
| E5700499 | 142.00 | 143.00 | 0.1690 | | |
| E5700500 | 143.00 | 144.00 | 0.0400 | | |
| E5700501 | 144.00 | 145.00 | 0.0060 | | |
| E5700502 | 145.00 | 145.70 | 4.5900 | | |
| E5700503 | 145.70 | 146.40 | 0.7610 | | |
| E5700505 | 146.40 | 147.20 | 0.9650 | | |

Hole Number: H14-013

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
|---------------|--------|--------|-----------|-------------|------------|
| Sample Type | ASSAY | | | | |
| E5700506 | 147.20 | 148.10 | 6.6100 | | |
| E5700507 | 148.10 | 148.70 | 10.0000 | 9.7500 | |
| E5700508 | 148.70 | 149.50 | 10.0000 | 11.9100 | |
| E5700509 | 149.50 | 150.20 | 10.0000 | 24.0200 | |
| E5700510 | 150.20 | 150.70 | 10.0000 | 143.7000 | 10.0000 |
| E5700511 | 150.70 | 151.50 | 2.0500 | | |
| E5700512 | 151.50 | 152.70 | 0.0660 | | |
| E5700513 | 152.70 | 153.60 | 0.2230 | | |
| E5700514 | 153.60 | 154.60 | 0.4940 | | |
| E5700516 | 154.60 | 155.00 | 0.3920 | | |
| E5700517 | 155.00 | 156.00 | 0.9130 | | |
| E5700518 | 156.00 | 157.00 | 0.3390 | | |
| E5700519 | 157.00 | 158.00 | 0.0700 | | |
| E5700520 | 158.00 | 159.00 | 0.0170 | | |

| | |
|-----|--------|
| | 0 |
| HPO | 15.00 |
| VMM | 15.00 |
| | 53.90 |
| VMV | 53.90 |
| | 116.90 |
| VMM | 116.90 |
| | 150.00 |

| | | | | | |
|---|--|---------------------------|--|---|---|
| Hole No: H14-014 | | Hole Type: DDH | | Hole Size: NQ | |
| Location: Hislop Township | | Core Storage: Exploration | | | |
| Casing: YES | | Claim No: CP468 | | | |
| Unit of Degree: DECIMAL | | Unit of Measure: METRIC | | From: 0 | To: 150.00 |
| Azimuth Dec: 35.00 | | Dip Dec: -50.00 | | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> |
| | | | | Multi Shot Survey: <input type="checkbox"/> | Making Water: <input type="checkbox"/> |
| | | | | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |
| Contractor: Garant | | Start Date: May 06, 2014 | | Completed: May 13, 2014 | |
| Logged By: bhua | | Entered On: May 17, 2014 | | | |
| Comments: Instances of VG: 87.6m, 88.6m, 89.9m within brecciated crustiform vein | | | | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372075.000000 | 551350.000000 | 300.0000 | UTM: | | | | |



DETAILED LOG

Hole Number: H14-014

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -50.00 |
| Project Number: HISLOP | North: 5372075.00 | North: | Collar Az: 35.00 |
| Location: Hislop Township | East: 551350.00 | East: | Length: 150.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: May 06, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: May 13, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 150.00 |

Comments: Instances of VG:
87.6m, 88.6m, 89.9m within brecciated crustiform vein

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|-------|--------------------|----------------|--------------|------|--|--------|--------------------|----------------|--------------|------|----------|
| 35.50 | 35.50 | -50.00 | EZ Sho | DO | Planned collar; Dip only due to deviation seen in first test | 36.00 | 35.50 | -49.80 | EZ Sho | OK | |
| 54.00 | 37.10 | -49.80 | EZ Sho | OK | | 102.00 | 36.70 | -49.90 | EZ Sho | OK | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 15.00 | HPO, OVERBURDEN OVERBURDEN - 15m of casing used. | E5700521 | 14.50 | 15.70 | 1.20 | 0.14 | 0.14 | |

Hole Number: H14-014

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 15.00 | 53.90 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is light green with gradual darkening at depth. Fine grained to medium grained. Top of hole has pervasive patches of HE and EP alteration. Weak intervals of disseminated LCX. Trace sulphides. Brecciated QZ veins present at various angles. Rock is soft with no magnetism. | E5700522 | 15.70 | 16.30 | 0.60 | 0.08 | | |
| | | | E5700523 | 16.30 | 17.60 | 1.30 | 0.35 | | |
| | | | E5700524 | 17.60 | 18.90 | 1.30 | 0.12 | | |
| | | | E5700526 | 18.90 | 20.00 | 1.10 | 0.01 | | |
| | | | E5700527 | 20.00 | 21.00 | 1.00 | 0.00 | | |
| | | | E5700528 | 21.00 | 22.00 | 1.00 | 0.01 | | |
| | | | E5700529 | 22.00 | 22.70 | 0.70 | 0.01 | | |
| | | | E5700530 | 22.70 | 23.60 | 0.90 | 0.01 | | |
| | | | E5700531 | 23.60 | 24.60 | 1.00 | 0.01 | | |
| | | | E5700532 | 24.60 | 25.50 | 0.90 | 0.00 | | |
| | | | E5700533 | 25.50 | 26.40 | 0.90 | 0.01 | | |
| | | | E5700534 | 26.40 | 27.10 | 0.70 | 0.01 | 0.00 | |
| | | | E5700536 | 27.10 | 28.10 | 1.00 | 0.00 | | |
| | | | E5700537 | 28.10 | 28.60 | 0.50 | 0.00 | | |
| | | | E5700538 | 28.60 | 30.00 | 1.40 | 0.01 | | |
| | | | E5700539 | 30.00 | 30.90 | 0.90 | 0.01 | | |
| | | | E5700540 | 30.90 | 31.70 | 0.80 | 0.01 | | |
| | | | E5700541 | 31.70 | 33.00 | 1.30 | 0.01 | | |
| | | | E5700542 | 33.00 | 34.50 | 1.50 | 0.01 | | |
| | | | E5700543 | 34.50 | 36.00 | 1.50 | 0.00 | | |
| | | | E5700544 | 36.00 | 37.50 | 1.50 | 0.00 | | |
| | | | E5700546 | 37.50 | 39.00 | 1.50 | 0.00 | 0.00 | |
| | | | E5700547 | 39.00 | 40.50 | 1.50 | 0.01 | | |
| | | | E5700548 | 40.50 | 41.30 | 0.80 | 0.86 | | |
| | | | E5700549 | 41.30 | 42.00 | 0.70 | 0.03 | | |
| | | | E5700550 | 42.00 | 43.50 | 1.50 | 0.01 | | |
| | | | E5700551 | 43.50 | 45.00 | 1.50 | 0.00 | | |
| | | | E5700552 | 45.00 | 46.50 | 1.50 | 0.00 | | |
| | | | E5700553 | 46.50 | 48.00 | 1.50 | 0.01 | | |
| | | | E5700554 | 48.00 | 49.00 | 1.00 | 0.00 | | |
| | | | E5700556 | 49.00 | 50.00 | 1.00 | 0.00 | | |
| | | | E5700557 | 50.00 | 51.00 | 1.00 | 0.00 | | |
| | | | E5700558 | 51.00 | 52.00 | 1.00 | 0.02 | | |
| | | | E5700559 | 52.00 | 53.00 | 1.00 | 0.00 | 0.00 | |
| | | | E5702360 | 53.00 | 53.90 | 0.90 | 0.00 | | |

DETAILED LOG

Hole Number: H14-014

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 53.90 | 116.90 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green to very dark grey. Aphanitic. Upper contact marked at vein 60 degrees TCA with localized brecciation. Patchy and fracture controlled HE alteration. Zoned area between 80-96m where stronger veining and SIL/ALB alteration is present as haloes around stringers/veinlets. Crustiform QZ veinlets are present parallel TCA and 50 degrees TCA. Strong concentration of PY around QZ veining. Instances of VG within crustiform veins: 87.6m, 88.6m, 89.9m | E5702361 | 53.90 | 54.30 | 0.40 | 0.05 | | |
| | | | E5702362 | 54.30 | 55.00 | 0.70 | 0.00 | | |
| | | | E5702363 | 55.00 | 56.00 | 1.00 | 0.01 | | |
| | | | E5702364 | 56.00 | 57.00 | 1.00 | 0.01 | | |
| | | | E5702366 | 57.00 | 58.00 | 1.00 | 0.06 | | |
| | | | E5702367 | 58.00 | 59.00 | 1.00 | 0.01 | | |
| | | | E5702368 | 59.00 | 60.00 | 1.00 | 0.01 | | |
| | | | E5702369 | 60.00 | 60.80 | 0.80 | 0.01 | | |
| | | | E5702370 | 60.80 | 61.70 | 0.90 | 0.01 | | |
| | | | E5702371 | 61.70 | 63.00 | 1.30 | 0.00 | 0.00 | |
| | | | E5702372 | 63.00 | 64.00 | 1.00 | 0.26 | | |
| | | | E5702373 | 64.00 | 65.00 | 1.00 | 0.33 | | |
| | | | E5702374 | 65.00 | 66.00 | 1.00 | 0.25 | | |
| | | | E5702376 | 66.00 | 67.20 | 1.20 | 0.03 | | |
| | | | E5702377 | 67.20 | 68.00 | 0.80 | 0.02 | | |
| | | | E5702378 | 68.00 | 69.00 | 1.00 | 0.05 | | |
| | | | E5702379 | 69.00 | 70.00 | 1.00 | 0.02 | | |
| | | | E5702380 | 70.00 | 71.00 | 1.00 | 0.00 | | |
| | | | E5702381 | 71.00 | 72.00 | 1.00 | 0.04 | | |
| | | | E5702382 | 72.00 | 73.00 | 1.00 | 0.02 | | |
| | | | E5702383 | 73.00 | 74.00 | 1.00 | 0.02 | | |
| | | | E5702384 | 74.00 | 75.00 | 1.00 | 0.01 | 0.01 | |
| | | | E5702386 | 75.00 | 76.00 | 1.00 | 0.01 | | |
| | | | E5702387 | 76.00 | 77.00 | 1.00 | 0.00 | | |
| | | | E5702388 | 77.00 | 78.00 | 1.00 | 0.01 | | |
| | | | E5702389 | 78.00 | 79.10 | 1.10 | 0.01 | 0.01 | |
| | | | E5702390 | 79.10 | 79.70 | 0.60 | 0.07 | | |
| | | | E5702391 | 79.70 | 80.50 | 0.80 | 0.06 | | |
| | | | E5702392 | 80.50 | 81.50 | 1.00 | 2.33 | | |
| | | | E5702393 | 81.50 | 82.50 | 1.00 | 0.06 | | |
| | | | E5702394 | 82.50 | 82.90 | 0.40 | 8.54 | | |
| | | | E5702396 | 82.90 | 84.00 | 1.10 | 0.74 | | |
| | | | E5702397 | 84.00 | 85.10 | 1.10 | 4.06 | | |
| | | | E5702398 | 85.10 | 85.50 | 0.40 | 2.45 | | |
| | | | E5702399 | 85.50 | 86.90 | 1.40 | 3.71 | | |
| | | | E5702400 | 86.90 | 87.70 | 0.80 | 4.16 | | |
| | | | E5702401 | 87.70 | 88.00 | 0.30 | 2.62 | 1.48 | |
| | | | E5702402 | 88.00 | 88.60 | 0.60 | 10.00 | | 8.37 |
| | | | E5702404 | 88.60 | 89.30 | 0.70 | 10.00 | | 16.18 |
| | | | E5702405 | 89.30 | 90.10 | 0.80 | 10.00 | | 31.76 |
| | | | E5702406 | 90.10 | 90.70 | 0.60 | 10.00 | | 13.60 |
| | | | E5702407 | 90.70 | 91.20 | 0.50 | 1.60 | | |
| | | | E5702408 | 91.20 | 92.00 | 0.80 | 6.93 | | |

Hole Number: H14-014

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5702409 | 92.00 | 92.70 | 0.70 | 7.12 | | |
| | | | E5702410 | 92.70 | 93.50 | 0.80 | 0.04 | | |
| | | | E5702411 | 93.50 | 94.30 | 0.80 | 0.03 | | |
| | | | E5702412 | 94.30 | 94.70 | 0.40 | 0.03 | | |
| | | | E5702413 | 94.70 | 95.90 | 1.20 | 0.09 | | |
| | | | E5702414 | 95.90 | 97.00 | 1.10 | 0.01 | 0.01 | |
| | | | E5702416 | 97.00 | 98.00 | 1.00 | 0.02 | | |
| | | | E5702417 | 98.00 | 99.10 | 1.10 | 0.03 | | |
| | | | E5702418 | 99.10 | 99.80 | 0.70 | 0.02 | | |
| | | | E5702419 | 99.80 | 101.10 | 1.30 | 0.01 | | |
| | | | E5702420 | 101.10 | 102.00 | 0.90 | 0.03 | | |
| | | | E5702421 | 102.00 | 103.00 | 1.00 | 0.07 | | |
| | | | E5702422 | 103.00 | 104.10 | 1.10 | 0.03 | | |
| | | | E5702423 | 104.10 | 104.70 | 0.60 | 0.23 | | |
| | | | E5702425 | 104.70 | 105.70 | 1.00 | 0.03 | | |
| | | | E5702426 | 105.70 | 106.80 | 1.10 | 0.09 | | |
| | | | E5702427 | 106.80 | 108.00 | 1.20 | 0.03 | | |
| | | | E5702428 | 108.00 | 109.50 | 1.50 | 0.03 | | |
| | | | E5702429 | 109.50 | 111.00 | 1.50 | 0.02 | | |
| | | | E5702430 | 111.00 | 112.50 | 1.50 | 0.03 | | |
| | | | E5702431 | 112.50 | 114.00 | 1.50 | 0.04 | | |
| | | | E5702432 | 114.00 | 115.50 | 1.50 | 0.01 | | |
| | | | E5702433 | 115.50 | 116.90 | 1.40 | 0.01 | | |
| 116.90 | 150.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is green-grey. Aphanitic. Fracture controlled/filling EP alteration. Low amounts of sulphides. Minor intervals of brecciated QZ veining. Rock is soft with patchy weak magnetism. | E5702434 | 116.90 | 117.80 | 0.90 | 0.03 | | |
| | | | E5702436 | 117.80 | 118.60 | 0.80 | 0.03 | | |
| | | | E5702437 | 118.60 | 119.60 | 1.00 | 0.02 | | |
| | | | E5702438 | 119.60 | 120.50 | 0.90 | 0.02 | | |
| | | | E5702439 | 120.50 | 121.60 | 1.10 | 0.02 | | |
| | | | E5702440 | 121.60 | 122.70 | 1.10 | 0.01 | | |
| | | | E5702441 | 122.70 | 123.20 | 0.50 | 0.06 | | |
| | | | E5702442 | 123.20 | 124.20 | 1.00 | 0.01 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700521 | 14.50 | 15.70 | 0.1380 | 0.1360 | |
| E5700522 | 15.70 | 16.30 | 0.0830 | | |
| E5700523 | 16.30 | 17.60 | 0.3510 | | |
| E5700524 | 17.60 | 18.90 | 0.1210 | | |
| E5700526 | 18.90 | 20.00 | 0.0110 | | |
| E5700527 | 20.00 | 21.00 | 0.0040 | | |
| E5700528 | 21.00 | 22.00 | 0.0080 | | |

Hole Number: H14-O14

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700529 | 22.00 | 22.70 | 0.0050 | | |
| E5700530 | 22.70 | 23.60 | 0.0050 | | |
| E5700531 | 23.60 | 24.60 | 0.0080 | | |
| E5700532 | 24.60 | 25.50 | 0.0020 | | |
| E5700533 | 25.50 | 26.40 | 0.0050 | | |
| E5700534 | 26.40 | 27.10 | 0.0060 | 0.0030 | |
| E5700536 | 27.10 | 28.10 | 0.0040 | | |
| E5700537 | 28.10 | 28.60 | 0.0030 | | |
| E5700538 | 28.60 | 30.00 | 0.0050 | | |
| E5700539 | 30.00 | 30.90 | 0.0050 | | |
| E5700540 | 30.90 | 31.70 | 0.0070 | | |
| E5700541 | 31.70 | 33.00 | 0.0050 | | |
| E5700542 | 33.00 | 34.50 | 0.0060 | | |
| E5700543 | 34.50 | 36.00 | 0.0020 | | |
| E5700544 | 36.00 | 37.50 | 0.0040 | | |
| E5700546 | 37.50 | 39.00 | 0.0040 | 0.0030 | |
| E5700547 | 39.00 | 40.50 | 0.0070 | | |
| E5700548 | 40.50 | 41.30 | 0.8590 | | |
| E5700549 | 41.30 | 42.00 | 0.0320 | | |
| E5700550 | 42.00 | 43.50 | 0.0050 | | |
| E5700551 | 43.50 | 45.00 | 0.0020 | | |
| E5700552 | 45.00 | 46.50 | 0.0005 | | |
| E5700553 | 46.50 | 48.00 | 0.0050 | | |
| E5700554 | 48.00 | 49.00 | 0.0005 | | |
| E5700556 | 49.00 | 50.00 | 0.0030 | | |
| E5700557 | 50.00 | 51.00 | 0.0020 | | |
| E5700558 | 51.00 | 52.00 | 0.0190 | | |
| E5700559 | 52.00 | 53.00 | 0.0030 | 0.0030 | |
| E5702360 | 53.00 | 53.90 | 0.0030 | | |
| E5702361 | 53.90 | 54.30 | 0.0470 | | |
| E5702362 | 54.30 | 55.00 | 0.0040 | | |
| E5702363 | 55.00 | 56.00 | 0.0060 | | |
| E5702364 | 56.00 | 57.00 | 0.0090 | | |
| E5702366 | 57.00 | 58.00 | 0.0580 | | |
| E5702367 | 58.00 | 59.00 | 0.0090 | | |
| E5702368 | 59.00 | 60.00 | 0.0050 | | |
| E5702369 | 60.00 | 60.80 | 0.0080 | | |
| E5702370 | 60.80 | 61.70 | 0.0120 | | |
| E5702371 | 61.70 | 63.00 | 0.0020 | 0.0020 | |

Hole Number: H14-014

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5702372 | 63.00 | 64.00 | 0.2610 | | |
| E5702373 | 64.00 | 65.00 | 0.3330 | | |
| E5702374 | 65.00 | 66.00 | 0.2470 | | |
| E5702376 | 66.00 | 67.20 | 0.0260 | | |
| E5702377 | 67.20 | 68.00 | 0.0230 | | |
| E5702378 | 68.00 | 69.00 | 0.0480 | | |
| E5702379 | 69.00 | 70.00 | 0.0150 | | |
| E5702380 | 70.00 | 71.00 | 0.0040 | | |
| E5702381 | 71.00 | 72.00 | 0.0410 | | |
| E5702382 | 72.00 | 73.00 | 0.0200 | | |
| E5702383 | 73.00 | 74.00 | 0.0160 | | |
| E5702384 | 74.00 | 75.00 | 0.0080 | 0.0120 | |
| E5702386 | 75.00 | 76.00 | 0.0070 | | |
| E5702387 | 76.00 | 77.00 | 0.0020 | | |
| E5702388 | 77.00 | 78.00 | 0.0100 | | |
| E5702389 | 78.00 | 79.10 | 0.0110 | 0.0110 | |
| E5702390 | 79.10 | 79.70 | 0.0730 | | |
| E5702391 | 79.70 | 80.50 | 0.0560 | | |
| E5702392 | 80.50 | 81.50 | 2.3300 | | |
| E5702393 | 81.50 | 82.50 | 0.0610 | | |
| E5702394 | 82.50 | 82.90 | 8.5400 | | |
| E5702396 | 82.90 | 84.00 | 0.7360 | | |
| E5702397 | 84.00 | 85.10 | 4.0600 | | |
| E5702398 | 85.10 | 85.50 | 2.4500 | | |
| E5702399 | 85.50 | 86.90 | 3.7100 | | |
| E5702400 | 86.90 | 87.70 | 4.1600 | | |
| E5702401 | 87.70 | 88.00 | 2.6200 | 1.4800 | |
| E5702402 | 88.00 | 88.60 | 10.0000 | | 8.3700 |
| E5702404 | 88.60 | 89.30 | 10.0000 | | 16.1800 |
| E5702405 | 89.30 | 90.10 | 10.0000 | | 31.7600 |
| E5702406 | 90.10 | 90.70 | 10.0000 | | 13.6000 |
| E5702407 | 90.70 | 91.20 | 1.6000 | | |
| E5702408 | 91.20 | 92.00 | 6.9300 | | |
| E5702409 | 92.00 | 92.70 | 7.1200 | | |
| E5702410 | 92.70 | 93.50 | 0.0350 | | |
| E5702411 | 93.50 | 94.30 | 0.0280 | | |
| E5702412 | 94.30 | 94.70 | 0.0290 | | |
| E5702413 | 94.70 | 95.90 | 0.0850 | | |
| E5702414 | 95.90 | 97.00 | 0.0110 | 0.0120 | |

Hole Number: H14-014

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5702416 | 97.00 | 98.00 | 0.0210 | | |
| E5702417 | 98.00 | 99.10 | 0.0250 | | |
| E5702418 | 99.10 | 99.80 | 0.0240 | | |
| E5702419 | 99.80 | 101.10 | 0.0100 | | |
| E5702420 | 101.10 | 102.00 | 0.0250 | | |
| E5702421 | 102.00 | 103.00 | 0.0650 | | |
| E5702422 | 103.00 | 104.10 | 0.0330 | | |
| E5702423 | 104.10 | 104.70 | 0.2340 | | |
| E5702425 | 104.70 | 105.70 | 0.0320 | | |
| E5702426 | 105.70 | 106.80 | 0.0860 | | |
| E5702427 | 106.80 | 108.00 | 0.0250 | | |
| E5702428 | 108.00 | 109.50 | 0.0340 | | |
| E5702429 | 109.50 | 111.00 | 0.0170 | | |
| E5702430 | 111.00 | 112.50 | 0.0280 | | |
| E5702431 | 112.50 | 114.00 | 0.0350 | | |
| E5702432 | 114.00 | 115.50 | 0.0080 | | |
| E5702433 | 115.50 | 116.90 | 0.0070 | | |
| E5702434 | 116.90 | 117.80 | 0.0260 | | |
| E5702436 | 117.80 | 118.60 | 0.0330 | | |
| E5702437 | 118.60 | 119.60 | 0.0230 | | |
| E5702438 | 119.60 | 120.50 | 0.0170 | | |
| E5702439 | 120.50 | 121.60 | 0.0180 | | |
| E5702440 | 121.60 | 122.70 | 0.0130 | | |
| E5702441 | 122.70 | 123.20 | 0.0640 | | |
| E5702442 | 123.20 | 124.20 | 0.0060 | | |

GRAPHIC SUMMARY REPORT

| | | |
|--|-----|---------------|
| | HPO | 0 |
| | | 12.00 |
| | VUO | 12.00 |
| | | 20.40 |
| | VMX | 20.40 |
| | | 27.30 |
| | VMM | 27.30 |
| | | 33.30 |
| | VMT | 33.30 |
| | | 36.40 |
| | VMM | 36.40 |
| | | 46.40 |
| | VMX | 46.40 |
| | | 56.60 |
| | VMM | 56.60 |
| | | 171.00 |

| | | | | | |
|----------------------------------|--|----------------------------------|--|---|---|
| Hole No: H14-015 | | Hole Type: DDH | | Hole Size: NQ | |
| Location: Hislop Township | | Core Storage: Exploration | | | |
| Casing: YES | | Claim No: CP468 | | | |
| Unit of Degree: DECIMAL | | Unit of Measure: METRIC | | From: 0 | To: 171.00 |
| Azimuth Dec: 40.00 | | Dip Dec: -50.00 | | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> |
| | | | | Multi Shot Survey: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |
| | | | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> |
| Contractor: Garant | | Start Date: May 13, 2014 | | Completed: May 14, 2014 | |
| Logged By: bhua | | Entered On: May 17, 2014 | | | |
| Comments: | | | | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372050.000000 | 551375.000000 | 300.0000 | UTM: | | | | |

Hole Number: H14-015

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -50.00 |
| Project Number: HISLOP | North: 5372050.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551375.00 | East: | Length: 171.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: May 13, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: May 14, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 171.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 40.00 | -50.00 | EZ Sho | OK | Planned collar | 33.00 | 38.80 | -49.70 | EZ Sho | OK | |
| 51.00 | 39.00 | -49.90 | EZ Sho | OK | | 102.00 | 41.90 | -50.00 | EZ Sho | OK | |
| 150.00 | 41.30 | -49.70 | EZ Sho | OK | | 171.00 | 46.30 | -49.80 | EZ Sho | OK | |

| Detailed Lithology | | Assay Data | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|----|--------------|
| From | To | Lithology | Sample Number | From | To | Length | Au | Au_gpt_Final |
| 0.00 | 12.00 | HPO, OVERBURDEN OVERBURDEN - 12m of casing used. | E5702443 | 10.80 | 12.00 | 1.20 | | 0.05 |
| 12.00 | 20.40 | VUO, ULTRAMAFIC VOLCANIC ULTRAMAFIC ROCK - Rock is black. Aphanitic. Pervasive CHL alteration. Increasing HE alteration at depth. Minor intervals of disseminated PY, v.f.g. Appears to possibly be associated with micro fractures. CAR fractures throughout in low frequency. Rock is very soft with patchy moderate magnetism. | E5702444 | 12.00 | 13.50 | 1.50 | | 0.05 |
| | | | E5702445 | 13.50 | 15.00 | 1.50 | | 0.01 |
| | | | E5702446 | 15.00 | 16.00 | 1.00 | | 0.03 |
| | | | E5702448 | 16.00 | 17.00 | 1.00 | | 0.01 |
| | | | E5702449 | 17.00 | 18.00 | 1.00 | | 0.03 |
| | | | E5702450 | 18.00 | 18.80 | 0.80 | | 0.01 |
| | | | E5702451 | 18.80 | 19.60 | 0.80 | | 0.04 |
| | | | E5702452 | 19.60 | 20.40 | 0.80 | | 0.03 |
| 20.40 | 27.30 | VMX, MAFIC BRECCIA MAFIC BRECCIA - Rock is green. Aphanitic. Distinct upper contact 65 degrees TCA. Minor oxidation along minor fractures. Fracture controlled SER with fracture filling HE along CAR stringers. PY is clustered within CAR fractures. QZ veinlets present throughout with moderate brecciation. Entire unit is weakly brecciated. Rock is soft with no magnetism. | E5702453 | 20.40 | 21.40 | 1.00 | | 0.00 |
| | | | E5702454 | 21.40 | 22.30 | 0.90 | | 0.01 |
| | | | E5702455 | 22.30 | 23.30 | 1.00 | | 0.04 |
| | | | E5702456 | 23.30 | 24.30 | 1.00 | | 0.00 |
| | | | E5702458 | 24.30 | 25.30 | 1.00 | | 0.01 |
| | | | E5702459 | 25.30 | 26.30 | 1.00 | | 0.00 |
| | | | E5702460 | 26.30 | 27.30 | 1.00 | | 0.01 |
| 27.30 | 33.30 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Appears to be same lithology as VMX as unit above except lacking brecciation. | E5702461 | 27.30 | 28.80 | 1.50 | | 0.00 |
| | | | E5702462 | 28.80 | 30.30 | 1.50 | | 0.00 |
| | | | E5702463 | 30.30 | 31.80 | 1.50 | | 0.00 |
| | | | E5702464 | 31.80 | 33.30 | 1.50 | | 0.00 |

DETAILED LOG

Hole Number: H14-015

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|----|--------------|
| From | To | | Sample Number | From | To | Length | Au | Au_gpt_Final |
| 33.30 | 36.40 | VMT, MAFIC VOLCANIC TUFFACEOUS MAFIC TUFF - Rock is green. Coarse grained with clasts up to 2mm in length and varying shapes. Trace PY. Moderate presence of QZ breccia veins and veinlets decreasing frequency with depth. Rock is soft with no magnetism. | E5702465 | 33.30 | 34.00 | 0.70 | | 0.04 |
| | | | E5702466 | 34.00 | 35.20 | 1.20 | | 0.00 |
| | | | E5702468 | 35.20 | 36.40 | 1.20 | | 0.00 |
| 36.40 | 46.40 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC ROCK - Rock is similar to VMM above. QZ breccia vein present in middle of unit with fracture controlled PY. | E5702469 | 36.40 | 37.80 | 1.40 | | 0.00 |
| | | | E5702470 | 37.80 | 39.00 | 1.20 | | 0.00 |
| | | | E5702471 | 39.00 | 40.30 | 1.30 | | 0.00 |
| | | | E5702472 | 40.30 | 41.50 | 1.20 | | 0.00 |
| | | | E5702473 | 41.50 | 42.80 | 1.30 | | 0.01 |
| | | | E5702474 | 42.80 | 43.70 | 0.90 | | 0.63 |
| | | | E5702475 | 43.70 | 45.00 | 1.30 | | 0.01 |
| | | | E5702476 | 45.00 | 46.40 | 1.40 | | 0.00 |
| 46.40 | 56.60 | VMX, MAFIC BRECCIA MAFIC BRECCIA - Rock is similar to VMX above. Increasing brecciation and veining with depth. PY accompanies veining. | E5702477 | 46.40 | 47.10 | 0.70 | | 0.00 |
| | | | E5702479 | 47.10 | 48.00 | 0.90 | | 1.15 |
| | | | E5702480 | 48.00 | 48.80 | 0.80 | | 0.12 |
| | | | E5702481 | 48.80 | 49.50 | 0.70 | | 0.02 |
| | | | E5702482 | 49.50 | 50.30 | 0.80 | | 0.20 |
| | | | E5702483 | 50.30 | 51.20 | 0.90 | | 0.01 |
| | | | E5702484 | 51.20 | 51.80 | 0.60 | | 2.01 |
| | | | E5702485 | 51.80 | 52.50 | 0.70 | | 0.10 |
| | | | E5702486 | 52.50 | 53.50 | 1.00 | | 0.01 |
| | | | E5702488 | 53.50 | 54.50 | 1.00 | | 0.00 |
| | | | E5702489 | 54.50 | 55.50 | 1.00 | | 0.00 |
| | | | E5702490 | 55.50 | 56.60 | 1.10 | | 0.00 |

DETAILED LOG

Hole Number: H14-015

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|----|--------------|
| From | To | | Sample Number | From | To | Length | Au | Au_gpt_Final |
| 56.60 | 171.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is similar to other VMM above. Minor gouge between 148.3-148.5m at low angle. Minor shear seen in stacked vein 142.1-142.2m. Increasing veining between 117-150m. | E5702491 | 56.60 | 57.60 | 1.00 | | 0.02 |
| | | | E5702492 | 57.60 | 58.60 | 1.00 | | 0.00 |
| | | | E5702493 | 58.60 | 60.00 | 1.40 | | 0.01 |
| | | | E5702494 | 60.00 | 61.00 | 1.00 | | 0.01 |
| | | | E5702495 | 61.00 | 62.30 | 1.30 | | 0.01 |
| | | | E5702496 | 93.00 | 94.00 | 1.00 | | 0.00 |
| | | | E5702497 | 94.00 | 95.00 | 1.00 | | 0.02 |
| | | | E5702499 | 95.00 | 95.80 | 0.80 | | 1.61 |
| | | | E5702500 | 95.80 | 96.80 | 1.00 | | 6.20 |
| | | | E5702501 | 96.80 | 98.00 | 1.20 | | 0.09 |
| | | | E5702502 | 98.00 | 99.20 | 1.20 | | 0.68 |
| | | | E5702503 | 99.20 | 100.60 | 1.40 | | 0.19 |
| | | | E5702504 | 100.60 | 102.00 | 1.40 | | 0.01 |
| | | | E5702505 | 102.00 | 103.50 | 1.50 | | 0.01 |
| | | | E5702506 | 103.50 | 105.00 | 1.50 | | 0.00 |
| | | | E5702508 | 105.00 | 106.50 | 1.50 | | 0.00 |
| | | | E5702509 | 106.50 | 108.00 | 1.50 | | 0.01 |
| | | | E5702510 | 108.00 | 109.50 | 1.50 | | 0.01 |
| | | | E5702511 | 109.50 | 111.00 | 1.50 | | 0.01 |
| | | | E5702512 | 111.00 | 112.50 | 1.50 | | 0.01 |
| | | | E5702513 | 112.50 | 114.00 | 1.50 | | 0.02 |
| | | | E5702514 | 114.00 | 115.50 | 1.50 | | 0.02 |
| | | | E5702515 | 115.50 | 117.00 | 1.50 | | 0.01 |
| | | | E5702516 | 117.00 | 118.00 | 1.00 | | 0.00 |
| | | | E5702518 | 118.00 | 119.00 | 1.00 | | 0.00 |
| | | | E5702519 | 119.00 | 120.00 | 1.00 | | 0.00 |
| | | | E5702520 | 120.00 | 121.00 | 1.00 | | 0.00 |
| | | | E5702521 | 121.00 | 122.00 | 1.00 | | 0.01 |
| | | | E5702522 | 122.00 | 123.00 | 1.00 | | 0.00 |
| | | | E5702523 | 123.00 | 123.80 | 0.80 | | 0.00 |
| | | | E5702524 | 123.80 | 124.80 | 1.00 | | 0.00 |
| | | | E5702525 | 124.80 | 125.90 | 1.10 | | 0.01 |
| | | | E5702526 | 125.90 | 126.50 | 0.60 | | 0.00 |
| | | | E5702527 | 126.50 | 127.80 | 1.30 | | 0.00 |
| | | | E5702528 | 127.80 | 128.20 | 0.40 | | 0.00 |
| | | | E5702530 | 128.20 | 129.00 | 0.80 | | 0.01 |
| | | | E5702531 | 129.00 | 130.50 | 1.50 | | 0.01 |
| | | | E5702532 | 130.50 | 132.00 | 1.50 | | 0.01 |
| | | | E5702533 | 132.00 | 133.50 | 1.50 | | 0.01 |
| | | | E5702534 | 133.50 | 135.00 | 1.50 | | 0.06 |
| | | | E5702535 | 135.00 | 136.50 | 1.50 | | 0.08 |
| | | | E5702536 | 136.50 | 138.00 | 1.50 | | 0.20 |
| | | | E5702537 | 138.00 | 139.10 | 1.10 | | 0.01 |

DETAILED LOG

Hole Number: H14-015

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|----|--------------|
| From | To | Lithology | Sample Number | From | To | Length | Au | Au_gpt_Final |
| | | | E5702538 | 139.10 | 139.80 | 0.70 | | 0.03 |
| | | | E5702540 | 139.80 | 140.50 | 0.70 | | 0.43 |
| | | | E5702541 | 140.50 | 141.60 | 1.10 | | 0.96 |
| | | | E5702542 | 141.60 | 142.20 | 0.60 | | 0.15 |
| | | | E5702543 | 142.20 | 143.00 | 0.80 | | 0.06 |
| | | | E5702544 | 143.00 | 143.60 | 0.60 | | 0.35 |
| | | | E5702545 | 143.60 | 145.10 | 1.50 | | 0.01 |
| | | | E5702546 | 145.10 | 146.60 | 1.50 | | 0.03 |
| | | | E5702547 | 146.60 | 148.00 | 1.40 | | 0.12 |
| | | | E5702549 | 148.00 | 148.80 | 0.80 | | 0.20 |
| | | | E5702550 | 148.80 | 149.60 | 0.80 | | 2.09 |
| | | | E5702551 | 149.60 | 150.40 | 0.80 | | 1.45 |
| | | | E5702552 | 150.40 | 151.30 | 0.90 | | 0.01 |
| | | | E5702553 | 151.30 | 152.30 | 1.00 | | 0.01 |
| | | | E5702554 | 152.30 | 153.30 | 1.00 | | 0.01 |

Samples

| Sample Number | From | To | Au | Au_gpt_Final |
|-------------------|-------|-------|----|--------------|
| Sample Type ASSAY | | | | |
| E5702443 | 10.80 | 12.00 | | 0.0510 |
| E5702444 | 12.00 | 13.50 | | 0.0510 |
| E5702445 | 13.50 | 15.00 | | 0.0080 |
| E5702446 | 15.00 | 16.00 | | 0.0280 |
| E5702448 | 16.00 | 17.00 | | 0.0100 |
| E5702449 | 17.00 | 18.00 | | 0.0290 |
| E5702450 | 18.00 | 18.80 | | 0.0050 |
| E5702451 | 18.80 | 19.60 | | 0.0410 |
| E5702452 | 19.60 | 20.40 | | 0.0320 |
| E5702453 | 20.40 | 21.40 | | 0.0030 |
| E5702454 | 21.40 | 22.30 | | 0.0050 |
| E5702455 | 22.30 | 23.30 | | 0.0380 |
| E5702456 | 23.30 | 24.30 | | 0.0030 |
| E5702458 | 24.30 | 25.30 | | 0.0070 |
| E5702459 | 25.30 | 26.30 | | 0.0040 |
| E5702460 | 26.30 | 27.30 | | 0.0110 |
| E5702461 | 27.30 | 28.80 | | 0.0040 |
| E5702462 | 28.80 | 30.30 | | 0.0040 |
| E5702463 | 30.30 | 31.80 | | 0.0005 |
| E5702464 | 31.80 | 33.30 | | 0.0020 |
| E5702465 | 33.30 | 34.00 | | 0.0380 |
| E5702466 | 34.00 | 35.20 | | 0.0020 |

Hole Number: H14-015

Units: METRIC

Samples

| Sample Number | From | To | Au | Au_gpt_Final |
|---------------|--------|--------|----|--------------|
| Sample Type | ASSAY | | | |
| E5702468 | 35.20 | 36.40 | | 0.0005 |
| E5702469 | 36.40 | 37.80 | | 0.0005 |
| E5702470 | 37.80 | 39.00 | | 0.0005 |
| E5702471 | 39.00 | 40.30 | | 0.0020 |
| E5702472 | 40.30 | 41.50 | | 0.0005 |
| E5702473 | 41.50 | 42.80 | | 0.0110 |
| E5702474 | 42.80 | 43.70 | | 0.6280 |
| E5702475 | 43.70 | 45.00 | | 0.0050 |
| E5702476 | 45.00 | 46.40 | | 0.0040 |
| E5702477 | 46.40 | 47.10 | | 0.0040 |
| E5702479 | 47.10 | 48.00 | | 1.1500 |
| E5702480 | 48.00 | 48.80 | | 0.1170 |
| E5702481 | 48.80 | 49.50 | | 0.0150 |
| E5702482 | 49.50 | 50.30 | | 0.2030 |
| E5702483 | 50.30 | 51.20 | | 0.0060 |
| E5702484 | 51.20 | 51.80 | | 2.0100 |
| E5702485 | 51.80 | 52.50 | | 0.1020 |
| E5702486 | 52.50 | 53.50 | | 0.0100 |
| E5702488 | 53.50 | 54.50 | | 0.0040 |
| E5702489 | 54.50 | 55.50 | | 0.0020 |
| E5702490 | 55.50 | 56.60 | | 0.0030 |
| E5702491 | 56.60 | 57.60 | | 0.0180 |
| E5702492 | 57.60 | 58.60 | | 0.0020 |
| E5702493 | 58.60 | 60.00 | | 0.0060 |
| E5702494 | 60.00 | 61.00 | | 0.0060 |
| E5702495 | 61.00 | 62.30 | | 0.0060 |
| E5702496 | 93.00 | 94.00 | | 0.0040 |
| E5702497 | 94.00 | 95.00 | | 0.0170 |
| E5702499 | 95.00 | 95.80 | | 1.6100 |
| E5702500 | 95.80 | 96.80 | | 6.2000 |
| E5702501 | 96.80 | 98.00 | | 0.0930 |
| E5702502 | 98.00 | 99.20 | | 0.6820 |
| E5702503 | 99.20 | 100.60 | | 0.1880 |
| E5702504 | 100.60 | 102.00 | | 0.0130 |
| E5702505 | 102.00 | 103.50 | | 0.0140 |
| E5702506 | 103.50 | 105.00 | | 0.0040 |
| E5702508 | 105.00 | 106.50 | | 0.0030 |
| E5702509 | 106.50 | 108.00 | | 0.0110 |
| E5702510 | 108.00 | 109.50 | | 0.0090 |

Hole Number: H14-015

Units: METRIC

Samples

| Sample Number | From | To | Au | Au_gpt_Final |
|---------------|--------|--------|----|--------------|
| Sample Type | ASSAY | | | |
| E5702511 | 109.50 | 111.00 | | 0.0110 |
| E5702512 | 111.00 | 112.50 | | 0.0120 |
| E5702513 | 112.50 | 114.00 | | 0.0230 |
| E5702514 | 114.00 | 115.50 | | 0.0190 |
| E5702515 | 115.50 | 117.00 | | 0.0090 |
| E5702516 | 117.00 | 118.00 | | 0.0010 |
| E5702518 | 118.00 | 119.00 | | 0.0020 |
| E5702519 | 119.00 | 120.00 | | 0.0020 |
| E5702520 | 120.00 | 121.00 | | 0.0020 |
| E5702521 | 121.00 | 122.00 | | 0.0090 |
| E5702522 | 122.00 | 123.00 | | 0.0010 |
| E5702523 | 123.00 | 123.80 | | 0.0005 |
| E5702524 | 123.80 | 124.80 | | 0.0040 |
| E5702525 | 124.80 | 125.90 | | 0.0100 |
| E5702526 | 125.90 | 126.50 | | 0.0020 |
| E5702527 | 126.50 | 127.80 | | 0.0030 |
| E5702528 | 127.80 | 128.20 | | 0.0040 |
| E5702530 | 128.20 | 129.00 | | 0.0100 |
| E5702531 | 129.00 | 130.50 | | 0.0050 |
| E5702532 | 130.50 | 132.00 | | 0.0050 |
| E5702533 | 132.00 | 133.50 | | 0.0060 |
| E5702534 | 133.50 | 135.00 | | 0.0550 |
| E5702535 | 135.00 | 136.50 | | 0.0750 |
| E5702536 | 136.50 | 138.00 | | 0.1950 |
| E5702537 | 138.00 | 139.10 | | 0.0070 |
| E5702538 | 139.10 | 139.80 | | 0.0270 |
| E5702540 | 139.80 | 140.50 | | 0.4270 |
| E5702541 | 140.50 | 141.60 | | 0.9640 |
| E5702542 | 141.60 | 142.20 | | 0.1450 |
| E5702543 | 142.20 | 143.00 | | 0.0560 |
| E5702544 | 143.00 | 143.60 | | 0.3470 |
| E5702545 | 143.60 | 145.10 | | 0.0120 |
| E5702546 | 145.10 | 146.60 | | 0.0280 |
| E5702547 | 146.60 | 148.00 | | 0.1230 |
| E5702549 | 148.00 | 148.80 | | 0.1990 |
| E5702550 | 148.80 | 149.60 | | 2.0900 |
| E5702551 | 149.60 | 150.40 | | 1.4500 |
| E5702552 | 150.40 | 151.30 | | 0.0130 |
| E5702553 | 151.30 | 152.30 | | 0.0100 |

Hole Number: H14-015

Units: METRIC

Samples

| Sample Number | From | To | Au | Au_gpt_Final |
|-------------------|--------|--------|----|--------------|
| Sample Type ASSAY | | | | |
| E5702554 | 152.30 | 153.30 | | 0.0070 |

| | |
|-----|--------|
| HPO | 0 |
| | 12.00 |
| ISO | 12.00 |
| | 16.60 |
| VMM | 16.60 |
| | 147.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-016 | Hole Type: DDH | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: CP468 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 147.00 |

| | | | | |
|--------------------|-----------------|---|---|---|
| Azimuth Dec: 35.00 | Dip Dec: -50.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Garant Start Date: May 15, 2014 Completed: May 17, 2014

Logged By: bhua Entered On: May 17, 2014

Comments: Block error at 30m. Missing 30m block. All blocks adjusted and end of hole is 147m rather than 150m.

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372067.000000 | 551367.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: H14-016

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -50.00 |
| Project Number: HISLOP | North: 5372067.00 | North: | Collar Az: 35.00 |
| Location: Hislop Township | East: 551367.00 | East: | Length: 147.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: May 15, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: May 17, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 147.00 |

Comments: Block error at 30m. Missing 30m block. All blocks adjusted and end of hole is 147m rather than 150m.

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------------|-------|--------------------|----------------|--------------|------|--|
| 0.00 | 40.00 | -50.00 | EZ Sho | DO | Planned collar | 30.00 | 35.90 | -49.30 | EZ Sho | OK | mag may be high. azimuth unreliable. dip only. |
| 48.00 | 35.60 | -48.70 | EZ Sho | OK | | 96.00 | 45.10 | -48.90 | EZ Sho | DO | |
| 147.00 | 41.70 | -48.80 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 12.00 | HPO, OVERBURDEN OVERBURDEN - 12m of casing used. | | | | | | | |
| 12.00 | 16.60 | ISO, SYENITIC INTRUSIVE HORNBLLENDE SYENITE - Rock is greyish pink. Massive with amphibole phenocrysts up to 1mm in diameter. Fracture controlled HE alteration is weak and infrequent. Minor PY, rarely seen. Low frequency of CAR fractures. Rock is hard with no magnetism. | E5702860 | 12.00 | 13.50 | 1.50 | 0.12 | 0.12 | |
| | | | E5702861 | 13.50 | 14.60 | 1.10 | 0.30 | | |
| | | | E5702862 | 14.60 | 15.60 | 1.00 | 0.08 | | |
| | | | E5702863 | 15.60 | 16.60 | 1.00 | 0.42 | | |

DETAILED LOG

Hole Number: H14-016

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 16.60 | 147.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Aphanitic to very fine grained. Distinct upper contact 45 degrees TCA. Minor brecciation present at top of unit. Weak HE seen within and around CAR fractures. Trace amounts of PY, but can be concentrated with increased frequency of QZ/CAR veining. CAR stringers and fractures present throughout with minor intervals of QZ/CAR brecciated veining. Rock is soft with patchy moderate magnetism. | E5702864 | 16.60 | 17.50 | 0.90 | 0.11 | | |
| | | | E5702866 | 17.50 | 17.90 | 0.40 | 0.00 | | |
| | | | E5702867 | 17.90 | 18.70 | 0.80 | 0.00 | | |
| | | | E5702868 | 18.70 | 19.70 | 1.00 | 0.01 | | |
| | | | E5702869 | 19.70 | 21.00 | 1.30 | 0.01 | | |
| | | | E5702870 | 21.00 | 22.10 | 1.10 | 0.11 | | |
| | | | E5702871 | 22.10 | 23.20 | 1.10 | 0.00 | | |
| | | | E5702872 | 23.20 | 24.20 | 1.00 | 0.00 | | |
| | | | E5702873 | 24.20 | 25.20 | 1.00 | 0.00 | 0.03 | |
| | | | E5702875 | 25.20 | 26.20 | 1.00 | 0.01 | | |
| | | | E5702876 | 50.30 | 51.80 | 1.50 | 0.00 | | |
| | | | E5702877 | 51.80 | 53.20 | 1.40 | 0.00 | | |
| | | | E5702878 | 53.20 | 53.50 | 0.30 | 0.03 | | |
| | | | E5702879 | 53.50 | 54.00 | 0.50 | 0.02 | | |
| | | | E5702880 | 54.00 | 54.90 | 0.90 | 0.03 | | |
| | | | E5702881 | 54.90 | 55.40 | 0.50 | 0.31 | | |
| | | | E5702882 | 55.40 | 56.70 | 1.30 | 0.03 | | |
| | | | E5702883 | 56.70 | 57.20 | 0.50 | 0.02 | | |
| | | | E5702884 | 57.20 | 58.00 | 0.80 | 0.01 | | |
| | | | E5702885 | 58.00 | 58.70 | 0.70 | 0.03 | 0.02 | |
| | | | E5702886 | 58.70 | 59.40 | 0.70 | 0.01 | | |
| | | | E5702888 | 59.40 | 60.20 | 0.80 | 0.01 | | |
| | | | E5702889 | 60.20 | 60.90 | 0.70 | 0.01 | | |
| | | | E5702890 | 60.90 | 61.50 | 0.60 | 0.02 | | |
| | | | E5702891 | 61.50 | 62.20 | 0.70 | 0.01 | | |
| | | | E5702892 | 62.20 | 63.00 | 0.80 | 0.03 | | |
| | | | E5702893 | 63.00 | 63.60 | 0.60 | 0.07 | | |
| | | | E5702895 | 63.60 | 64.10 | 0.50 | 1.14 | | |
| | | | E5702896 | 64.10 | 65.10 | 1.00 | 0.46 | | |
| | | | E5702897 | 65.10 | 66.00 | 0.90 | 0.02 | 0.02 | |
| | | | E5702898 | 123.00 | 124.00 | 1.00 | 0.39 | | |
| | | | E5702899 | 124.00 | 125.00 | 1.00 | 0.02 | | |
| | | | E5702900 | 125.00 | 126.00 | 1.00 | 0.10 | 0.13 | |
| | | | E5702901 | 126.00 | 126.60 | 0.60 | 0.17 | | |
| | | | E5702902 | 126.60 | 127.30 | 0.70 | 0.12 | | |
| | | | E5702903 | 127.30 | 128.10 | 0.80 | 0.04 | | |
| | | | E5702904 | 128.10 | 129.00 | 0.90 | 0.13 | | |
| | | | E5702906 | 129.00 | 129.40 | 0.40 | 0.40 | | |
| | | | E5702907 | 129.40 | 129.70 | 0.30 | 0.28 | | |
| | | | E5702908 | 129.70 | 130.50 | 0.80 | 0.01 | | |
| | | | E5702909 | 130.50 | 131.60 | 1.10 | 0.01 | | |
| | | | E5702910 | 131.60 | 132.10 | 0.50 | 0.01 | | |
| | | | E5702911 | 132.10 | 133.50 | 1.40 | 0.03 | | |

DETAILED LOG

Hole Number: H14-016

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5702912 | 133.50 | 135.00 | 1.50 | 0.14 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5702860 | 12.00 | 13.50 | 0.1160 | 0.1150 | |
| E5702861 | 13.50 | 14.60 | 0.3020 | | |
| E5702862 | 14.60 | 15.60 | 0.0760 | | |
| E5702863 | 15.60 | 16.60 | 0.4160 | | |
| E5702864 | 16.60 | 17.50 | 0.1130 | | |
| E5702866 | 17.50 | 17.90 | 0.0040 | | |
| E5702867 | 17.90 | 18.70 | 0.0010 | | |
| E5702868 | 18.70 | 19.70 | 0.0140 | | |
| E5702869 | 19.70 | 21.00 | 0.0100 | | |
| E5702870 | 21.00 | 22.10 | 0.1060 | | |
| E5702871 | 22.10 | 23.20 | 0.0010 | | |
| E5702872 | 23.20 | 24.20 | 0.0020 | | |
| E5702873 | 24.20 | 25.20 | 0.0030 | 0.0270 | |
| E5702875 | 25.20 | 26.20 | 0.0110 | | |
| E5702876 | 50.30 | 51.80 | 0.0020 | | |
| E5702877 | 51.80 | 53.20 | 0.0030 | | |
| E5702878 | 53.20 | 53.50 | 0.0270 | | |
| E5702879 | 53.50 | 54.00 | 0.0190 | | |
| E5702880 | 54.00 | 54.90 | 0.0280 | | |
| E5702881 | 54.90 | 55.40 | 0.3060 | | |
| E5702882 | 55.40 | 56.70 | 0.0280 | | |
| E5702883 | 56.70 | 57.20 | 0.0210 | | |
| E5702884 | 57.20 | 58.00 | 0.0130 | | |
| E5702885 | 58.00 | 58.70 | 0.0270 | 0.0190 | |
| E5702886 | 58.70 | 59.40 | 0.0050 | | |
| E5702888 | 59.40 | 60.20 | 0.0070 | | |
| E5702889 | 60.20 | 60.90 | 0.0050 | | |
| E5702890 | 60.90 | 61.50 | 0.0180 | | |
| E5702891 | 61.50 | 62.20 | 0.0060 | | |
| E5702892 | 62.20 | 63.00 | 0.0340 | | |
| E5702893 | 63.00 | 63.60 | 0.0650 | | |
| E5702895 | 63.60 | 64.10 | 1.1400 | | |
| E5702896 | 64.10 | 65.10 | 0.4580 | | |
| E5702897 | 65.10 | 66.00 | 0.0160 | 0.0160 | |
| E5702898 | 123.00 | 124.00 | 0.3890 | | |

Hole Number: H14-016

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5702899 | 124.00 | 125.00 | 0.0210 | | |
| E5702900 | 125.00 | 126.00 | 0.1030 | 0.1270 | |
| E5702901 | 126.00 | 126.60 | 0.1670 | | |
| E5702902 | 126.60 | 127.30 | 0.1190 | | |
| E5702903 | 127.30 | 128.10 | 0.0360 | | |
| E5702904 | 128.10 | 129.00 | 0.1260 | | |
| E5702906 | 129.00 | 129.40 | 0.3990 | | |
| E5702907 | 129.40 | 129.70 | 0.2770 | | |
| E5702908 | 129.70 | 130.50 | 0.0050 | | |
| E5702909 | 130.50 | 131.60 | 0.0140 | | |
| E5702910 | 131.60 | 132.10 | 0.0140 | | |
| E5702911 | 132.10 | 133.50 | 0.0250 | | |
| E5702912 | 133.50 | 135.00 | 0.1350 | | |

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 6.00 |
| | VMV | 6.00 |
| | | 119.50 |
| | VMX | 119.50 |
| | | 127.70 |
| | VMV | 127.70 |
| | | 132.20 |
| | VMM | 132.20 |
| | | 150.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-017 | Hole Type: DDH | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: CP468 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 150.00 |

| | | | | |
|--------------------|-----------------|---|---|---|
| Azimuth Dec: 35.00 | Dip Dec: -48.70 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Garant Start Date: May 15, 2014 Completed: May 17, 2014

Logged By: bhua Entered On: May 18, 2014

Comments:

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372125.000000 | 551325.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: H14-017

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -48.70 |
| Project Number: HISLOP | North: 5372125.00 | North: | Collar Az: 35.00 |
| Location: Hislop Township | East: 551325.00 | East: | Length: 150.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: May 15, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: May 17, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 150.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|--|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 40.00 | -48.70 | EZ Sho | DO | Planned collar; Dip only due to deviation off first test | 27.00 | 34.50 | -48.70 | EZ Sho | OK | |
| 51.00 | 33.70 | -48.00 | EZ Sho | OK | | 102.00 | 35.00 | -48.20 | EZ Sho | OK | |
| 150.00 | 37.80 | -48.00 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|------|---|---------------|------|----|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 6.00 | HPO, OVERBURDEN OVERBURDEN - 6m of casing used. | | | | | | | |

DETAILED LOG

Hole Number: H14-017

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 6.00 | 119.50 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC ROCK - Rock is dark green to dark grey. Aphanitic. Moderate patches of brecciation filled with chlorite. Patchy HE alteration with SIL present around some brecciated QZ veins. Patchy SER may be present along fractures. Trace sulphides, but can be concentrated within QZ veining and where SIL occurs. QZ brecciated veining is present throughout, but not highly concentrated until near the end of unit. CAR stringers and fractures present throughout most of unit. rock is soft with patchy moderate magnetism. MINOR INTERVALS: Minor Interval: 76.50 - 76.90 VMT, MAFIC VOLCANIC TUFFACEOUS Distinct contact at start of unit at approximately 80 degrees, end of unit runs along fracture. Monomictic clasts of various sizes. | E5702913 | 6.80 | 7.40 | 0.60 | 0.02 | | |
| | | | E5702914 | 7.40 | 8.30 | 0.90 | 0.02 | | |
| | | | E5702915 | 8.30 | 9.00 | 0.70 | 0.01 | | |
| | | | E5702916 | 9.00 | 10.00 | 1.00 | 0.01 | | |
| | | | E5702917 | 10.00 | 11.00 | 1.00 | 0.00 | | |
| | | | E5702918 | 11.00 | 12.00 | 1.00 | 0.01 | | |
| | | | E5702920 | 12.00 | 13.00 | 1.00 | 0.01 | | |
| | | | E5702921 | 13.00 | 14.00 | 1.00 | 0.00 | | |
| | | | E5702922 | 14.00 | 14.50 | 0.50 | 0.01 | | |
| | | | E5702923 | 14.50 | 15.50 | 1.00 | 0.03 | | |
| | | | E5702924 | 15.50 | 15.90 | 0.40 | 1.20 | | |
| | | | E5702925 | 15.90 | 16.90 | 1.00 | 0.10 | | |
| | | | E5702926 | 16.90 | 18.00 | 1.10 | 0.02 | 0.02 | |
| | | | E5702927 | 18.00 | 18.90 | 0.90 | 0.03 | | |
| | | | E5702929 | 18.90 | 19.90 | 1.00 | 0.01 | | |
| | | | E5702930 | 19.90 | 20.70 | 0.80 | 1.46 | | |
| | | | E5702931 | 20.70 | 22.00 | 1.30 | 0.01 | | |
| | | | E5702932 | 22.00 | 23.30 | 1.30 | 0.02 | | |
| | | | E5702933 | 23.30 | 24.50 | 1.20 | 0.00 | | |
| | | | E5702934 | 24.50 | 25.40 | 0.90 | 0.01 | | |
| | | | E5702935 | 25.40 | 26.30 | 0.90 | 0.01 | | |
| | | | E5702936 | 26.30 | 27.10 | 0.80 | 0.00 | | |
| | | | E5702937 | 27.10 | 27.80 | 0.70 | 0.00 | | |
| | | | E5702938 | 27.80 | 28.80 | 1.00 | 0.01 | 0.01 | |
| | | | E5702939 | 28.80 | 29.70 | 0.90 | 2.46 | | |
| | | | E5702940 | 29.70 | 30.70 | 1.00 | 0.16 | | |
| | | | E5702942 | 30.70 | 31.70 | 1.00 | 0.02 | | |
| | | | E5702943 | 31.70 | 32.00 | 0.30 | 3.34 | | |
| | | | E5702944 | 32.00 | 33.00 | 1.00 | 0.04 | | |
| | | | E5702945 | 33.00 | 34.00 | 1.00 | 0.05 | | |
| | | | E5702946 | 34.00 | 35.00 | 1.00 | 0.69 | | |
| | | | E5702947 | 35.00 | 36.00 | 1.00 | 0.09 | | |
| | | | E5702949 | 36.00 | 36.70 | 0.70 | 0.12 | | |
| | | | E5702950 | 36.70 | 37.10 | 0.40 | 4.18 | | |
| | | | E5702951 | 37.10 | 38.00 | 0.90 | 0.10 | 0.08 | |
| | | | E5702952 | 38.00 | 38.40 | 0.40 | 0.38 | | |
| | | | E5702953 | 38.40 | 39.00 | 0.60 | 0.04 | | |
| | | | E5702954 | 39.00 | 40.00 | 1.00 | 0.24 | | |
| | | | E5702955 | 40.00 | 41.10 | 1.10 | 0.69 | | |
| | | | E5702956 | 41.10 | 41.60 | 0.50 | 2.43 | | |
| | | | E5702958 | 41.60 | 42.20 | 0.60 | 0.65 | | |
| | | | E5702959 | 42.20 | 43.20 | 1.00 | 0.03 | | |
| | | | E5702960 | 43.20 | 43.80 | 0.60 | 0.27 | | |

DETAILED LOG

Hole Number: H14-017

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5702961 | 43.80 | 45.00 | 1.20 | 0.19 | | |
| | | | E5702962 | 45.00 | 46.20 | 1.20 | 0.05 | | |
| | | | E5702963 | 46.20 | 46.80 | 0.60 | 1.94 | | |
| | | | E5702964 | 46.80 | 47.20 | 0.40 | 3.28 | | |
| | | | E5702966 | 47.20 | 48.20 | 1.00 | 0.05 | | |
| | | | E5702967 | 48.20 | 49.60 | 1.40 | 0.02 | | |
| | | | E5702968 | 49.60 | 51.00 | 1.40 | 0.10 | | |
| | | | E5702969 | 51.00 | 51.60 | 0.60 | 0.01 | | |
| | | | E5702970 | 51.60 | 52.20 | 0.60 | 2.12 | | |
| | | | E5702971 | 52.20 | 53.10 | 0.90 | 0.03 | | |
| | | | E5702972 | 53.10 | 54.00 | 0.90 | 0.22 | | |
| | | | E5702973 | 54.00 | 55.00 | 1.00 | 0.01 | | |
| | | | E5702974 | 55.00 | 56.00 | 1.00 | 0.02 | | |
| | | | E5702975 | 56.00 | 57.00 | 1.00 | 0.02 | | |
| | | | E5702977 | 57.00 | 57.70 | 0.70 | 0.03 | | |
| | | | E5702978 | 57.70 | 58.20 | 0.50 | 2.61 | | |
| | | | E5702979 | 58.20 | 59.20 | 1.00 | 0.75 | | |
| | | | E5702980 | 59.20 | 60.00 | 0.80 | 0.61 | | |
| | | | E5702981 | 60.00 | 61.00 | 1.00 | 0.09 | | |
| | | | E5702982 | 61.00 | 62.00 | 1.00 | 0.03 | | |
| | | | E5702983 | 62.00 | 63.00 | 1.00 | 0.02 | | |
| | | | E5702984 | 63.00 | 64.30 | 1.30 | 0.32 | | |
| | | | E5702985 | 64.30 | 65.50 | 1.20 | 0.04 | | |
| | | | E5702986 | 65.50 | 66.60 | 1.10 | 0.01 | | |
| | | | E5702988 | 66.60 | 67.90 | 1.30 | 0.02 | | |
| | | | E5702989 | 67.90 | 69.00 | 1.10 | 1.92 | | |
| | | | E5702990 | 69.00 | 69.80 | 0.80 | 1.93 | | |
| | | | E5702991 | 69.80 | 70.90 | 1.10 | 0.09 | | |
| | | | E5702992 | 70.90 | 72.00 | 1.10 | 0.07 | | |
| | | | E5702993 | 72.00 | 73.20 | 1.20 | 0.02 | | |
| | | | E5702994 | 73.20 | 74.40 | 1.20 | 0.01 | | |
| | | | E5702995 | 74.40 | 75.40 | 1.00 | 0.03 | | |
| | | | E5702997 | 75.40 | 76.50 | 1.10 | 0.04 | | |
| | | | E5702998 | 76.50 | 76.90 | 0.40 | 0.01 | 0.01 | |
| | | | E5702999 | 76.90 | 78.00 | 1.10 | 0.01 | | |
| | | | E5703000 | 78.00 | 79.00 | 1.00 | 0.01 | | |
| | | | E5703001 | 79.00 | 80.00 | 1.00 | 0.64 | | |
| | | | E5703002 | 80.00 | 81.00 | 1.00 | 0.02 | | |
| | | | E5703003 | 81.00 | 82.00 | 1.00 | 0.02 | | |
| | | | E5703004 | 82.00 | 83.00 | 1.00 | 0.01 | | |
| | | | E5703005 | 83.00 | 84.00 | 1.00 | 0.02 | | |
| | | | E5703006 | 84.00 | 85.00 | 1.00 | 0.02 | | |
| | | | E5703008 | 85.00 | 85.90 | 0.90 | 0.01 | | |

DETAILED LOG

Hole Number: H14-017

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5703009 | 85.90 | 86.30 | 0.40 | 0.06 | | |
| | | | E5703010 | 86.30 | 87.00 | 0.70 | 0.00 | 0.00 | |
| | | | E5703011 | 87.00 | 88.00 | 1.00 | 0.02 | | |
| | | | E5703012 | 88.00 | 89.00 | 1.00 | 0.01 | | |
| | | | E5703013 | 89.00 | 90.00 | 1.00 | 0.00 | | |
| | | | E5703014 | 90.00 | 91.00 | 1.00 | 0.01 | | |
| | | | E5703015 | 91.00 | 92.00 | 1.00 | 0.01 | | |
| | | | E5703016 | 92.00 | 93.00 | 1.00 | 0.04 | | |
| | | | E5703018 | 93.00 | 94.00 | 1.00 | 0.01 | | |
| | | | E5703019 | 94.00 | 95.00 | 1.00 | 0.01 | | |
| | | | E5703020 | 95.00 | 96.00 | 1.00 | 0.00 | | |
| | | | E5703021 | 96.00 | 97.00 | 1.00 | 0.00 | | |
| | | | E5703022 | 97.00 | 98.00 | 1.00 | 0.00 | | |
| | | | E5703023 | 98.00 | 99.00 | 1.00 | 0.00 | | |
| | | | E5703024 | 99.00 | 99.60 | 0.60 | 0.01 | | |
| | | | E5703025 | 99.60 | 100.70 | 1.10 | 0.07 | | |
| | | | E5703026 | 100.70 | 101.80 | 1.10 | 1.91 | | |
| | | | E5703028 | 101.80 | 103.00 | 1.20 | 0.04 | 0.02 | |
| | | | E5703029 | 103.00 | 104.00 | 1.00 | 0.00 | | |
| | | | E5703030 | 104.00 | 105.00 | 1.00 | 0.12 | | |
| | | | E5703031 | 105.00 | 106.00 | 1.00 | 0.00 | | |
| | | | E5703032 | 106.00 | 107.00 | 1.00 | 0.00 | | |
| | | | E5703033 | 107.00 | 108.00 | 1.00 | 0.04 | | |
| | | | E5703034 | 108.00 | 109.00 | 1.00 | 0.38 | | |
| | | | E5703035 | 109.00 | 110.00 | 1.00 | 0.00 | | |
| | | | E5703036 | 110.00 | 111.00 | 1.00 | 0.02 | | |
| | | | E5703038 | 111.00 | 112.10 | 1.10 | 0.01 | | |
| | | | E5703039 | 112.10 | 113.00 | 0.90 | 0.01 | 0.01 | |
| | | | E5703040 | 113.00 | 114.00 | 1.00 | 0.01 | | |
| | | | E5703041 | 114.00 | 115.00 | 1.00 | 0.41 | | |
| | | | E5703042 | 115.00 | 116.00 | 1.00 | 0.01 | | |
| | | | E5703043 | 116.00 | 117.00 | 1.00 | 0.02 | | |
| | | | E5703044 | 117.00 | 118.00 | 1.00 | 4.01 | | |
| | | | E5703045 | 118.00 | 118.70 | 0.70 | 0.73 | | |
| | | | E5703046 | 118.70 | 119.50 | 0.80 | 0.20 | | |

Hole Number: H14-017

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 119.50 | 127.70 | VMX, MAFIC BRECCIA MAFIC BRECCIA WITHIN VARIOLITIC ROCK - Rock is grey. Aphanitic. Upper contact marked with SIL becomes dominant. CAR and SIL present as haloes around CAR stringers with increased SIL towards centre of unit. Disseminated PY throughout with concentrations within veins. QZ veins are brecciated with slight crustiform texture. Rock is hard with no magnetism. | E5703047 | 119.50 | 120.40 | 0.90 | 3.91 | | |
| | | | E5703049 | 120.40 | 121.30 | 0.90 | 7.04 | | |
| | | | E5703050 | 121.30 | 122.00 | 0.70 | 1.62 | | |
| | | | E5703051 | 122.00 | 122.60 | 0.60 | 1.42 | | |
| | | | E5703052 | 122.60 | 123.30 | 0.70 | 3.20 | 3.40 | |
| | | | E5703054 | 123.30 | 123.70 | 0.40 | 9.82 | | |
| | | | E5703055 | 123.70 | 124.60 | 0.90 | 7.54 | | |
| | | | E5703056 | 124.60 | 125.70 | 1.10 | 0.71 | | |
| | | | E5703057 | 125.70 | 126.70 | 1.00 | 1.58 | | |
| | | | E5703058 | 126.70 | 127.70 | 1.00 | 1.47 | | |
| 127.70 | 132.20 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC ROCK - Rock is dark green to dark grey. Aphanitic. Moderate patches of brecciation filled with chlorite. Patchy HE alteration with SIL present around some brecciated QZ veins. Patchy SER may be present along fractures. Trace sulphides, but can be concentrated within QZ veining and where SIL occurs. QZ brecciated veining is present throughout, but not highly concentrated until near the end of unit. CAR stringers and fractures present throughout most of unit. rock is soft with patchy moderate magnetism. | E5703059 | 127.70 | 128.40 | 0.70 | 0.02 | | |
| | | | E5702310 | 128.40 | 129.00 | 0.60 | 0.01 | | |
| | | | E5702311 | 129.00 | 130.00 | 1.00 | 0.01 | | |
| | | | E5702312 | 130.00 | 130.70 | 0.70 | 0.25 | | |
| | | | E5702313 | 130.70 | 131.60 | 0.90 | 0.00 | | |
| | | | E5702314 | 131.60 | 132.20 | 0.60 | 1.17 | 1.18 | |
| 132.20 | 150.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC ROCK - Rock is green. Fine grained. Upper contact marked where varioles end. Small presence of EP in fractures. Minor CAR alteration haloes around some stringers. PY is present, but appears to be primary. Low concentration of CAR stringers/fractures. CAR vein with brecciation near top of unit, likely late stage fault. Rock is soft with no magnetism. | E5702315 | 132.20 | 133.20 | 1.00 | 5.25 | | |
| | | | E5702316 | 133.20 | 133.60 | 0.40 | 1.63 | | |
| | | | E5702318 | 133.60 | 134.80 | 1.20 | 0.14 | | |
| | | | E5702319 | 134.80 | 136.00 | 1.20 | 0.33 | 0.49 | |
| | | | E5702320 | 136.00 | 137.00 | 1.00 | 0.00 | | |
| | | | E5702321 | 137.00 | 138.00 | 1.00 | 0.00 | | |
| | | | E5702322 | 138.00 | 139.50 | 1.50 | 0.21 | | |
| | | | E5702323 | 139.50 | 141.00 | 1.50 | 0.05 | | |
| | | | E5702324 | 141.00 | 142.50 | 1.50 | 0.20 | | |
| | | | E5702325 | 142.50 | 144.00 | 1.50 | 0.01 | | |
| | | | E5702326 | 144.00 | 145.50 | 1.50 | 0.02 | | |
| | | | E5702327 | 145.50 | 147.00 | 1.50 | 0.01 | | |
| | | | E5702328 | 147.00 | 148.50 | 1.50 | 0.00 | | |
| | | | E5702329 | 148.50 | 150.00 | 1.50 | 0.00 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5702913 | 6.80 | 7.40 | 0.0180 | | |
| E5702914 | 7.40 | 8.30 | 0.0150 | | |
| E5702915 | 8.30 | 9.00 | 0.0070 | | |
| E5702916 | 9.00 | 10.00 | 0.0060 | | |
| E5702917 | 10.00 | 11.00 | 0.0020 | | |
| E5702918 | 11.00 | 12.00 | 0.0070 | | |

Hole Number: H14-017

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5702920 | 12.00 | 13.00 | 0.0140 | | |
| E5702921 | 13.00 | 14.00 | 0.0040 | | |
| E5702922 | 14.00 | 14.50 | 0.0070 | | |
| E5702923 | 14.50 | 15.50 | 0.0260 | | |
| E5702924 | 15.50 | 15.90 | 1.2000 | | |
| E5702925 | 15.90 | 16.90 | 0.1010 | | |
| E5702926 | 16.90 | 18.00 | 0.0200 | 0.0200 | |
| E5702927 | 18.00 | 18.90 | 0.0290 | | |
| E5702929 | 18.90 | 19.90 | 0.0140 | | |
| E5702930 | 19.90 | 20.70 | 1.4600 | | |
| E5702931 | 20.70 | 22.00 | 0.0100 | | |
| E5702932 | 22.00 | 23.30 | 0.0240 | | |
| E5702933 | 23.30 | 24.50 | 0.0030 | | |
| E5702934 | 24.50 | 25.40 | 0.0120 | | |
| E5702935 | 25.40 | 26.30 | 0.0130 | | |
| E5702936 | 26.30 | 27.10 | 0.0030 | | |
| E5702937 | 27.10 | 27.80 | 0.0020 | | |
| E5702938 | 27.80 | 28.80 | 0.0090 | 0.0073 | |
| E5702939 | 28.80 | 29.70 | 2.4600 | | |
| E5702940 | 29.70 | 30.70 | 0.1600 | | |
| E5702942 | 30.70 | 31.70 | 0.0150 | | |
| E5702943 | 31.70 | 32.00 | 3.3400 | | |
| E5702944 | 32.00 | 33.00 | 0.0420 | | |
| E5702945 | 33.00 | 34.00 | 0.0540 | | |
| E5702946 | 34.00 | 35.00 | 0.6910 | | |
| E5702947 | 35.00 | 36.00 | 0.0920 | | |
| E5702949 | 36.00 | 36.70 | 0.1160 | | |
| E5702950 | 36.70 | 37.10 | 4.1800 | | |
| E5702951 | 37.10 | 38.00 | 0.0950 | 0.0840 | |
| E5702952 | 38.00 | 38.40 | 0.3750 | | |
| E5702953 | 38.40 | 39.00 | 0.0350 | | |
| E5702954 | 39.00 | 40.00 | 0.2370 | | |
| E5702955 | 40.00 | 41.10 | 0.6940 | | |
| E5702956 | 41.10 | 41.60 | 2.4300 | | |
| E5702958 | 41.60 | 42.20 | 0.6490 | | |
| E5702959 | 42.20 | 43.20 | 0.0270 | | |
| E5702960 | 43.20 | 43.80 | 0.2690 | | |
| E5702961 | 43.80 | 45.00 | 0.1860 | | |
| E5702962 | 45.00 | 46.20 | 0.0530 | | |

Hole Number: H14-017

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5702963 | 46.20 | 46.80 | 1.9400 | | |
| E5702964 | 46.80 | 47.20 | 3.2800 | | |
| E5702966 | 47.20 | 48.20 | 0.0470 | | |
| E5702967 | 48.20 | 49.60 | 0.0220 | | |
| E5702968 | 49.60 | 51.00 | 0.1010 | | |
| E5702969 | 51.00 | 51.60 | 0.0080 | | |
| E5702970 | 51.60 | 52.20 | 2.1200 | | |
| E5702971 | 52.20 | 53.10 | 0.0330 | | |
| E5702972 | 53.10 | 54.00 | 0.2220 | | |
| E5702973 | 54.00 | 55.00 | 0.0140 | | |
| E5702974 | 55.00 | 56.00 | 0.0230 | | |
| E5702975 | 56.00 | 57.00 | 0.0180 | | |
| E5702977 | 57.00 | 57.70 | 0.0330 | | |
| E5702978 | 57.70 | 58.20 | 2.6100 | | |
| E5702979 | 58.20 | 59.20 | 0.7530 | | |
| E5702980 | 59.20 | 60.00 | 0.6130 | | |
| E5702981 | 60.00 | 61.00 | 0.0940 | | |
| E5702982 | 61.00 | 62.00 | 0.0320 | | |
| E5702983 | 62.00 | 63.00 | 0.0160 | | |
| E5702984 | 63.00 | 64.30 | 0.3180 | | |
| E5702985 | 64.30 | 65.50 | 0.0380 | | |
| E5702986 | 65.50 | 66.60 | 0.0060 | | |
| E5702988 | 66.60 | 67.90 | 0.0160 | | |
| E5702989 | 67.90 | 69.00 | 1.9200 | | |
| E5702990 | 69.00 | 69.80 | 1.9300 | | |
| E5702991 | 69.80 | 70.90 | 0.0940 | | |
| E5702992 | 70.90 | 72.00 | 0.0660 | | |
| E5702993 | 72.00 | 73.20 | 0.0220 | | |
| E5702994 | 73.20 | 74.40 | 0.0070 | | |
| E5702995 | 74.40 | 75.40 | 0.0290 | | |
| E5702997 | 75.40 | 76.50 | 0.0410 | | |
| E5702998 | 76.50 | 76.90 | 0.0080 | 0.0080 | |
| E5702999 | 76.90 | 78.00 | 0.0060 | | |
| E5703000 | 78.00 | 79.00 | 0.0120 | | |
| E5703001 | 79.00 | 80.00 | 0.6410 | | |
| E5703002 | 80.00 | 81.00 | 0.0170 | | |
| E5703003 | 81.00 | 82.00 | 0.0200 | | |
| E5703004 | 82.00 | 83.00 | 0.0070 | | |
| E5703005 | 83.00 | 84.00 | 0.0190 | | |

Hole Number: H14-017

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5703006 | 84.00 | 85.00 | 0.0200 | | |
| E5703008 | 85.00 | 85.90 | 0.0090 | | |
| E5703009 | 85.90 | 86.30 | 0.0640 | | |
| E5703010 | 86.30 | 87.00 | 0.0010 | 0.0010 | |
| E5703011 | 87.00 | 88.00 | 0.0170 | | |
| E5703012 | 88.00 | 89.00 | 0.0110 | | |
| E5703013 | 89.00 | 90.00 | 0.0020 | | |
| E5703014 | 90.00 | 91.00 | 0.0050 | | |
| E5703015 | 91.00 | 92.00 | 0.0050 | | |
| E5703016 | 92.00 | 93.00 | 0.0410 | | |
| E5703018 | 93.00 | 94.00 | 0.0060 | | |
| E5703019 | 94.00 | 95.00 | 0.0050 | | |
| E5703020 | 95.00 | 96.00 | 0.0030 | | |
| E5703021 | 96.00 | 97.00 | 0.0020 | | |
| E5703022 | 97.00 | 98.00 | 0.0030 | | |
| E5703023 | 98.00 | 99.00 | 0.0040 | | |
| E5703024 | 99.00 | 99.60 | 0.0050 | | |
| E5703025 | 99.60 | 100.70 | 0.0730 | | |
| E5703026 | 100.70 | 101.80 | 1.9100 | | |
| E5703028 | 101.80 | 103.00 | 0.0370 | 0.0230 | |
| E5703029 | 103.00 | 104.00 | 0.0020 | | |
| E5703030 | 104.00 | 105.00 | 0.1160 | | |
| E5703031 | 105.00 | 106.00 | 0.0030 | | |
| E5703032 | 106.00 | 107.00 | 0.0020 | | |
| E5703033 | 107.00 | 108.00 | 0.0390 | | |
| E5703034 | 108.00 | 109.00 | 0.3760 | | |
| E5703035 | 109.00 | 110.00 | 0.0010 | | |
| E5703036 | 110.00 | 111.00 | 0.0200 | | |
| E5703038 | 111.00 | 112.10 | 0.0060 | | |
| E5703039 | 112.10 | 113.00 | 0.0070 | 0.0090 | |
| E5703040 | 113.00 | 114.00 | 0.0100 | | |
| E5703041 | 114.00 | 115.00 | 0.4080 | | |
| E5703042 | 115.00 | 116.00 | 0.0130 | | |
| E5703043 | 116.00 | 117.00 | 0.0160 | | |
| E5703044 | 117.00 | 118.00 | 4.0100 | | |
| E5703045 | 118.00 | 118.70 | 0.7250 | | |
| E5703046 | 118.70 | 119.50 | 0.2020 | | |
| E5703047 | 119.50 | 120.40 | 3.9100 | | |
| E5703049 | 120.40 | 121.30 | 7.0400 | | |

Hole Number: H14-017

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5703050 | 121.30 | 122.00 | 1.6200 | | |
| E5703051 | 122.00 | 122.60 | 1.4200 | | |
| E5703052 | 122.60 | 123.30 | 3.2000 | 3.4000 | |
| E5703054 | 123.30 | 123.70 | 9.8200 | | |
| E5703055 | 123.70 | 124.60 | 7.5400 | | |
| E5703056 | 124.60 | 125.70 | 0.7130 | | |
| E5703057 | 125.70 | 126.70 | 1.5800 | | |
| E5703058 | 126.70 | 127.70 | 1.4700 | | |
| E5703059 | 127.70 | 128.40 | 0.0170 | | |
| E5702310 | 128.40 | 129.00 | 0.0110 | | |
| E5702311 | 129.00 | 130.00 | 0.0060 | | |
| E5702312 | 130.00 | 130.70 | 0.2460 | | |
| E5702313 | 130.70 | 131.60 | 0.0040 | | |
| E5702314 | 131.60 | 132.20 | 1.1700 | 1.1800 | |
| E5702315 | 132.20 | 133.20 | 5.2500 | | |
| E5702316 | 133.20 | 133.60 | 1.6300 | | |
| E5702318 | 133.60 | 134.80 | 0.1390 | | |
| E5702319 | 134.80 | 136.00 | 0.3330 | 0.4880 | |
| E5702320 | 136.00 | 137.00 | 0.0040 | | |
| E5702321 | 137.00 | 138.00 | 0.0020 | | |
| E5702322 | 138.00 | 139.50 | 0.2100 | | |
| E5702323 | 139.50 | 141.00 | 0.0470 | | |
| E5702324 | 141.00 | 142.50 | 0.2040 | | |
| E5702325 | 142.50 | 144.00 | 0.0070 | | |
| E5702326 | 144.00 | 145.50 | 0.0230 | | |
| E5702327 | 145.50 | 147.00 | 0.0050 | | |
| E5702328 | 147.00 | 148.50 | 0.0020 | | |
| E5702329 | 148.50 | 150.00 | 0.0010 | | |

| | |
|-----|--------|
| HPO | 0 |
| | 6.00 |
| OLO | 6.00 |
| | 7.70 |
| VMV | 7.70 |
| | 96.00 |
| VMV | 96.00 |
| | 105.70 |
| VMV | 105.70 |
| | 171.00 |
| VMM | 171.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-018 | Hole Type: Explor | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: CP468 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 171.00 |

| | | | | |
|--------------------|-----------------|---|---|---|
| Azimuth Dec: 46.30 | Dip Dec: -45.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Garant Start Date: Jun 05, 2014 Completed: Jun 11, 2014
Logged By: bhua Entered On: Jun 28, 2014
Comments: VG @ 102.8m within brecciated QZ vein

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372125.000000 | 551325.000000 | 300.0000 | UTM: | | | | |



DETAILED LOG

Hole Number: H14-018

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -45.00 |
| Project Number: HISLOP | North: 5372125.00 | North: | Collar Az: 46.30 |
| Location: Hislop Township | East: 551325.00 | East: | Length: 171.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Jun 05, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Jun 11, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 171.00 |

Comments: VG @ 102.8m within brecciated QZ vein

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 46.30 | -45.00 | EZ Sho | OK | Azi first as first text @ 27m due to deviation from plans | 27.00 | 46.30 | -44.80 | EZ Sho | OK | |
| 60.00 | 48.70 | -45.20 | EZ Sho | OK | | 111.00 | 54.80 | -45.10 | EZ Sho | OK | |
| 171.00 | 53.30 | -45.40 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|------|--|---------------|------|----|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 6.00 | HPO, OVERBURDEN OVERBURDEN - 6m of casing used | | | | | | | |
| 6.00 | 7.70 | OLO, LOST CORE No core recovered between 6-7.7m after casing. | | | | | | | |

DETAILED LOG

Hole Number: H14-018

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 7.70 | 96.00 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is green to dark green. Aphanitic to very fine grained. Patchy HE alteration increasing at depth. Trace PY, but present along fractures as haloes increasing in frequency at depth. Some minor brecciated QZ veins with crustiform texture. Rock is hard with patchy moderate magnetism. | E5154960 | 7.70 | 8.70 | 1.00 | 0.04 | | |
| | | | E5154961 | 8.70 | 9.70 | 1.00 | 0.08 | | |
| | | | E5154962 | 9.70 | 10.70 | 1.00 | 0.01 | | |
| | | | E5154963 | 10.70 | 11.70 | 1.00 | 0.01 | | |
| | | | E5154964 | 11.70 | 12.80 | 1.10 | 0.01 | | |
| | | | E5154966 | 12.80 | 13.80 | 1.00 | 0.01 | | |
| | | | E5154967 | 13.80 | 14.90 | 1.10 | 0.09 | | |
| | | | E5154968 | 14.90 | 15.20 | 0.30 | 7.16 | | |
| | | | E5154969 | 15.20 | 16.20 | 1.00 | 0.38 | | |
| | | | E5154970 | 16.20 | 17.20 | 1.00 | 0.37 | | |
| | | | E5154971 | 17.20 | 18.00 | 0.80 | 0.02 | | |
| | | | E5154972 | 18.00 | 19.50 | 1.50 | 0.01 | 0.01 | |
| | | | E5154973 | 19.50 | 21.00 | 1.50 | 0.01 | | |
| | | | E5154974 | 21.00 | 22.50 | 1.50 | 0.01 | | |
| | | | E5154976 | 22.50 | 24.00 | 1.50 | 0.23 | | |
| | | | E5154977 | 24.00 | 25.00 | 1.00 | 0.01 | | |
| | | | E5154978 | 25.00 | 25.70 | 0.70 | 0.00 | | |
| | | | E5154979 | 25.70 | 26.40 | 0.70 | 2.92 | | |
| | | | E5154980 | 26.40 | 27.50 | 1.10 | 0.57 | | |
| | | | E5154981 | 27.50 | 28.70 | 1.20 | 0.07 | | |
| | | | E5154982 | 28.70 | 30.00 | 1.30 | 0.01 | | |
| | | | E5154983 | 30.00 | 31.50 | 1.50 | 0.02 | | |
| | | | E5154984 | 31.50 | 33.00 | 1.50 | 2.55 | | |
| | | | E5154985 | 33.00 | 34.50 | 1.50 | 0.04 | 0.06 | |
| | | | E5154987 | 34.50 | 36.00 | 1.50 | 0.15 | | |
| | | | E5154988 | 36.00 | 37.50 | 1.50 | 0.51 | | |
| | | | E5154989 | 37.50 | 38.50 | 1.00 | 0.43 | | |
| | | | E5154990 | 38.50 | 39.60 | 1.10 | 0.64 | | |
| | | | E5154991 | 39.60 | 40.70 | 1.10 | 0.03 | | |
| | | | E5154992 | 40.70 | 42.00 | 1.30 | 0.95 | | |
| | | | E5154993 | 42.00 | 43.00 | 1.00 | 0.66 | | |
| | | | E5154994 | 43.00 | 43.80 | 0.80 | 0.07 | | |
| | | | E5154996 | 43.80 | 45.00 | 1.20 | 0.06 | | |
| | | | E5154997 | 45.00 | 45.90 | 0.90 | 0.16 | | |
| | | | E5154998 | 45.90 | 47.00 | 1.10 | 0.01 | 0.01 | |
| | | | E5154999 | 47.00 | 48.50 | 1.50 | 0.02 | | |
| | | | E5155000 | 48.50 | 50.00 | 1.50 | 0.27 | | |
| | | | E5155001 | 50.00 | 51.00 | 1.00 | 1.47 | | |
| | | | E5155002 | 51.00 | 52.00 | 1.00 | 0.02 | | |
| | | | E5155003 | 52.00 | 53.00 | 1.00 | 0.02 | | |
| | | | E5155004 | 53.00 | 54.00 | 1.00 | 0.83 | | |
| | | | E5155006 | 54.00 | 55.00 | 1.00 | 3.69 | | |
| | | | E5155007 | 55.00 | 56.00 | 1.00 | 0.09 | | |

DETAILED LOG

Hole Number: H14-018

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5155008 | 56.00 | 57.00 | 1.00 | 0.51 | | |
| | | | E5155009 | 57.00 | 57.80 | 0.80 | 0.07 | | |
| | | | E5155010 | 57.80 | 58.60 | 0.80 | 0.15 | 0.14 | |
| | | | E5155011 | 58.60 | 59.40 | 0.80 | 3.31 | | |
| | | | E5155012 | 59.40 | 60.50 | 1.10 | 0.41 | | |
| | | | E5155013 | 60.50 | 61.60 | 1.10 | 0.03 | | |
| | | | E5155014 | 61.60 | 62.70 | 1.10 | 0.01 | | |
| | | | E5155015 | 62.70 | 63.70 | 1.00 | 0.02 | | |
| | | | E5155016 | 63.70 | 64.70 | 1.00 | 0.01 | | |
| | | | E5155018 | 64.70 | 65.70 | 1.00 | 0.06 | | |
| | | | E5155019 | 65.70 | 66.50 | 0.80 | 2.77 | | |
| | | | E5155020 | 66.50 | 67.60 | 1.10 | 0.08 | | |
| | | | E5155021 | 67.60 | 68.60 | 1.00 | 0.07 | | |
| | | | E5155022 | 68.60 | 68.90 | 0.30 | 0.53 | 0.78 | |
| | | | E5155023 | 68.90 | 69.40 | 0.50 | 0.59 | | |
| | | | E5155025 | 69.40 | 70.40 | 1.00 | 1.34 | | |
| | | | E5155026 | 70.40 | 70.90 | 0.50 | 8.28 | | |
| | | | E5155027 | 70.90 | 71.80 | 0.90 | 0.40 | | |
| | | | E5155028 | 71.80 | 72.80 | 1.00 | 0.12 | | |
| | | | E5155029 | 72.80 | 74.20 | 1.40 | 0.13 | | |
| | | | E5155030 | 74.20 | 74.80 | 0.60 | 10.00 | | 17.80 |
| | | | E5155031 | 74.80 | 75.30 | 0.50 | 10.00 | | 11.30 |
| | | | E5155032 | 75.30 | 76.30 | 1.00 | 4.68 | | |
| | | | E5155033 | 76.30 | 77.30 | 1.00 | 2.35 | | |
| | | | E5155035 | 77.30 | 78.30 | 1.00 | 1.05 | 1.11 | |
| | | | E5155036 | 78.30 | 79.10 | 0.80 | 0.82 | | |
| | | | E5155037 | 79.10 | 80.20 | 1.10 | 1.00 | | |
| | | | E5155038 | 80.20 | 81.50 | 1.30 | 1.19 | | |
| | | | E5155039 | 81.50 | 82.70 | 1.20 | 0.10 | | |
| | | | E5155040 | 82.70 | 84.00 | 1.30 | 0.08 | | |
| | | | E5155041 | 84.00 | 85.00 | 1.00 | 0.01 | | |
| | | | E5155042 | 85.00 | 86.00 | 1.00 | 0.04 | | |
| | | | E5155043 | 86.00 | 87.00 | 1.00 | 0.01 | | |
| | | | E5155045 | 87.00 | 88.10 | 1.10 | 0.03 | | |
| | | | E5155046 | 88.10 | 89.00 | 0.90 | 0.01 | | |
| | | | E5155047 | 89.00 | 90.00 | 1.00 | 1.37 | 0.99 | |
| | | | E5155048 | 90.00 | 91.00 | 1.00 | 0.01 | | |
| | | | E5155049 | 91.00 | 92.00 | 1.00 | 0.01 | | |
| | | | E5155050 | 92.00 | 93.00 | 1.00 | 0.84 | | |
| | | | E5155051 | 93.00 | 93.80 | 0.80 | 0.26 | | |
| | | | E5155052 | 93.80 | 94.20 | 0.40 | 0.16 | | |
| | | | E5155053 | 94.20 | 95.20 | 1.00 | 0.02 | | |
| | | | E5155054 | 95.20 | 96.00 | 0.80 | 0.01 | | |

Hole Number: H14-018

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 96.00 | 105.70 | VMV, MAFIC VOLCANIC VARIOLITIC STRONGLY ALTERED/BRECCIATED MAFIC VARIOLITIC ZONE - Rock is green to grey with slight red tint. Fine grained. Upper contact marked at increasing HE alteration change. Same unit as VMV above, but with brecciated veins. Moderate SIL/ALB alteration around veins. Weak to moderate HE alteration. PY is fracture controlled and disseminated very finely up to 4%. QZ brecciated veins present in low frequency. CAR stringers present in moderate frequency. VG present at 102.8m within brecciated QZ vein. Rock is moderate with no magnetism. | E5155056 | 96.00 | 97.00 | 1.00 | 2.96 | | |
| | | | E5155057 | 97.00 | 98.00 | 1.00 | 1.47 | | |
| | | | E5155058 | 98.00 | 99.00 | 1.00 | 0.14 | | |
| | | | E5155059 | 99.00 | 100.00 | 1.00 | 0.25 | | |
| | | | E5155060 | 100.00 | 100.70 | 0.70 | 1.62 | | |
| | | | E5155061 | 100.70 | 102.00 | 1.30 | 1.57 | | |
| | | | E5155062 | 102.00 | 102.50 | 0.50 | 0.11 | | |
| | | | E5155063 | 102.50 | 103.10 | 0.60 | 10.00 | | 8.17 |
| | | | E5155064 | 103.10 | 104.50 | 1.40 | 0.02 | | |
| | | | E5155066 | 104.50 | 104.80 | 0.30 | 2.90 | | |
| | | | E5155067 | 104.80 | 105.70 | 0.90 | 0.50 | | |
| 105.70 | 171.00 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Fine grained with some recrystallization. Minor patch of possible CAR filled amygdules. Upper contact marked where VMV zone ends and varioles are not present. Indistinct upper contact. Fracture controlled HE and EP alteration infrequent. Trace PY, but can be localized around amygdules. Low frequency of CAR veinlets/stringers. Rock is soft with pervasively moderate magnetism. | E5155068 | 105.70 | 106.20 | 0.50 | 0.03 | | |
| | | | E5155069 | 106.20 | 108.00 | 1.80 | 0.01 | | |
| | | | E5155070 | 108.00 | 108.90 | 0.90 | 0.09 | | |
| | | | E5155071 | 108.90 | 109.70 | 0.80 | 0.04 | | |
| | | | E5155072 | 153.80 | 154.80 | 1.00 | 0.04 | 0.05 | |
| | | | E5155073 | 154.80 | 155.20 | 0.40 | 0.53 | | |
| | | | E5155074 | 155.20 | 156.00 | 0.80 | 0.06 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5154960 | 7.70 | 8.70 | 0.0420 | | |
| E5154961 | 8.70 | 9.70 | 0.0760 | | |
| E5154962 | 9.70 | 10.70 | 0.0110 | | |
| E5154963 | 10.70 | 11.70 | 0.0070 | | |
| E5154964 | 11.70 | 12.80 | 0.0050 | | |
| E5154966 | 12.80 | 13.80 | 0.0140 | | |
| E5154967 | 13.80 | 14.90 | 0.0870 | | |
| E5154968 | 14.90 | 15.20 | 7.1600 | | |
| E5154969 | 15.20 | 16.20 | 0.3780 | | |
| E5154970 | 16.20 | 17.20 | 0.3710 | | |
| E5154971 | 17.20 | 18.00 | 0.0170 | | |
| E5154972 | 18.00 | 19.50 | 0.0070 | 0.0050 | |
| E5154973 | 19.50 | 21.00 | 0.0060 | | |
| E5154974 | 21.00 | 22.50 | 0.0060 | | |
| E5154976 | 22.50 | 24.00 | 0.2260 | | |
| E5154977 | 24.00 | 25.00 | 0.0100 | | |
| E5154978 | 25.00 | 25.70 | 0.0040 | | |
| E5154979 | 25.70 | 26.40 | 2.9200 | | |
| E5154980 | 26.40 | 27.50 | 0.5720 | | |

Hole Number: H14-018

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5154981 | 27.50 | 28.70 | 0.0700 | | |
| E5154982 | 28.70 | 30.00 | 0.0100 | | |
| E5154983 | 30.00 | 31.50 | 0.0170 | | |
| E5154984 | 31.50 | 33.00 | 2.5500 | | |
| E5154985 | 33.00 | 34.50 | 0.0350 | 0.0560 | |
| E5154987 | 34.50 | 36.00 | 0.1460 | | |
| E5154988 | 36.00 | 37.50 | 0.5140 | | |
| E5154989 | 37.50 | 38.50 | 0.4320 | | |
| E5154990 | 38.50 | 39.60 | 0.6370 | | |
| E5154991 | 39.60 | 40.70 | 0.0250 | | |
| E5154992 | 40.70 | 42.00 | 0.9520 | | |
| E5154993 | 42.00 | 43.00 | 0.6570 | | |
| E5154994 | 43.00 | 43.80 | 0.0650 | | |
| E5154996 | 43.80 | 45.00 | 0.0580 | | |
| E5154997 | 45.00 | 45.90 | 0.1560 | | |
| E5154998 | 45.90 | 47.00 | 0.0080 | 0.0130 | |
| E5154999 | 47.00 | 48.50 | 0.0180 | | |
| E5155000 | 48.50 | 50.00 | 0.2690 | | |
| E5155001 | 50.00 | 51.00 | 1.4700 | | |
| E5155002 | 51.00 | 52.00 | 0.0230 | | |
| E5155003 | 52.00 | 53.00 | 0.0210 | | |
| E5155004 | 53.00 | 54.00 | 0.8330 | | |
| E5155006 | 54.00 | 55.00 | 3.6900 | | |
| E5155007 | 55.00 | 56.00 | 0.0920 | | |
| E5155008 | 56.00 | 57.00 | 0.5100 | | |
| E5155009 | 57.00 | 57.80 | 0.0650 | | |
| E5155010 | 57.80 | 58.60 | 0.1450 | 0.1370 | |
| E5155011 | 58.60 | 59.40 | 3.3100 | | |
| E5155012 | 59.40 | 60.50 | 0.4120 | | |
| E5155013 | 60.50 | 61.60 | 0.0300 | | |
| E5155014 | 61.60 | 62.70 | 0.0110 | | |
| E5155015 | 62.70 | 63.70 | 0.0150 | | |
| E5155016 | 63.70 | 64.70 | 0.0110 | | |
| E5155018 | 64.70 | 65.70 | 0.0640 | | |
| E5155019 | 65.70 | 66.50 | 2.7700 | | |
| E5155020 | 66.50 | 67.60 | 0.0750 | | |
| E5155021 | 67.60 | 68.60 | 0.0700 | | |
| E5155022 | 68.60 | 68.90 | 0.5280 | 0.7790 | |
| E5155023 | 68.90 | 69.40 | 0.5940 | | |

Hole Number: H14-018

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5155025 | 69.40 | 70.40 | 1.3400 | | |
| E5155026 | 70.40 | 70.90 | 8.2800 | | |
| E5155027 | 70.90 | 71.80 | 0.4010 | | |
| E5155028 | 71.80 | 72.80 | 0.1230 | | |
| E5155029 | 72.80 | 74.20 | 0.1250 | | |
| E5155030 | 74.20 | 74.80 | 10.0000 | | 17.8000 |
| E5155031 | 74.80 | 75.30 | 10.0000 | | 11.3000 |
| E5155032 | 75.30 | 76.30 | 4.6800 | | |
| E5155033 | 76.30 | 77.30 | 2.3500 | | |
| E5155035 | 77.30 | 78.30 | 1.0500 | 1.1100 | |
| E5155036 | 78.30 | 79.10 | 0.8180 | | |
| E5155037 | 79.10 | 80.20 | 0.9990 | | |
| E5155038 | 80.20 | 81.50 | 1.1900 | | |
| E5155039 | 81.50 | 82.70 | 0.0950 | | |
| E5155040 | 82.70 | 84.00 | 0.0780 | | |
| E5155041 | 84.00 | 85.00 | 0.0050 | | |
| E5155042 | 85.00 | 86.00 | 0.0370 | | |
| E5155043 | 86.00 | 87.00 | 0.0120 | | |
| E5155045 | 87.00 | 88.10 | 0.0340 | | |
| E5155046 | 88.10 | 89.00 | 0.0100 | | |
| E5155047 | 89.00 | 90.00 | 1.3700 | 0.9880 | |
| E5155048 | 90.00 | 91.00 | 0.0060 | | |
| E5155049 | 91.00 | 92.00 | 0.0090 | | |
| E5155050 | 92.00 | 93.00 | 0.8360 | | |
| E5155051 | 93.00 | 93.80 | 0.2620 | | |
| E5155052 | 93.80 | 94.20 | 0.1580 | | |
| E5155053 | 94.20 | 95.20 | 0.0210 | | |
| E5155054 | 95.20 | 96.00 | 0.0120 | | |
| E5155056 | 96.00 | 97.00 | 2.9600 | | |
| E5155057 | 97.00 | 98.00 | 1.4700 | | |
| E5155058 | 98.00 | 99.00 | 0.1410 | | |
| E5155059 | 99.00 | 100.00 | 0.2490 | | |
| E5155060 | 100.00 | 100.70 | 1.6200 | | |
| E5155061 | 100.70 | 102.00 | 1.5700 | | |
| E5155062 | 102.00 | 102.50 | 0.1120 | | |
| E5155063 | 102.50 | 103.10 | 10.0000 | | 8.1700 |
| E5155064 | 103.10 | 104.50 | 0.0210 | | |
| E5155066 | 104.50 | 104.80 | 2.9000 | | |
| E5155067 | 104.80 | 105.70 | 0.5010 | | |

Hole Number: H14-018

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5155068 | 105.70 | 106.20 | 0.0260 | | |
| E5155069 | 106.20 | 108.00 | 0.0120 | | |
| E5155070 | 108.00 | 108.90 | 0.0860 | | |
| E5155071 | 108.90 | 109.70 | 0.0370 | | |
| E5155072 | 153.80 | 154.80 | 0.0410 | 0.0450 | |
| E5155073 | 154.80 | 155.20 | 0.5290 | | |
| E5155074 | 155.20 | 156.00 | 0.0610 | | |

| | |
|-----|--------|
| | 0 |
| HPO | 9.00 |
| VMM | 18.40 |
| VMV | 126.00 |
| VMV | 150.00 |
| VMV | 163.30 |
| VMM | 171.00 |

| | | |
|--|-------------------------|-----------------------|
| Hole No: H14-019 Hole Type: Explor Hole Size: NQ | | |
| Location: Hislop Township Core Storage: Hislop | | |
| Casing: YES Claim No: CP468 | | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 171.00 |

| | | | |
|---------------------------------------|---|---|---|
| Azimuth Dec: 40.00 Dip Dec: -54.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Orbit Garant Start Date: Jul 11, 2014 Completed: Jul 19, 2014

Logged By: bhua Entered On: Jul 11, 2014

Comments:

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372125.000000 | 551300.000000 | 300.0000 | UTM: | | | | |



DETAILED LOG

Hole Number: H14-019

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|--------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -54.00 |
| Project Number: HISLOP | North: 5372125.00 | North: | Collar Az: 40.00 |
| Location: Hislop Township | East: 551300.00 | East: | Length: 171.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Jul 11, 2014 | Collar Survey: N | Plugged: N | Contractor: Orbit Garant |
| Date Completed: Jul 19, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Hislop |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 171.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------|--------|--------------------|----------------|--------------|------|------------------------|
| 0.00 | 40.00 | -54.00 | EZ Sho | OK | | 33.00 | 41.00 | -54.00 | EZ Sho | OK | |
| 57.00 | 44.40 | -54.10 | EZ Sho | OK | | 105.00 | 43.40 | -55.00 | EZ Sho | OK | |
| 150.00 | 39.50 | -55.00 | EZ Sho | OK | | 171.00 | 50.50 | -55.10 | EZ Sho | DO | Dip only as mag is low |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 9.00 | HPO, OVERBURDEN | | | | | | | |
| 9.00 | 18.40 | VMM, MAFIC VOLCANIC MASSIVE Massive mafic volcanic. Fine grained green-grey. Weak patchy magnetism. Weak patchy chlorite and sericite alteration. Sericite noticed as stringers. Lucoxene alteration noticed. Trace sulphides. Weak brecciated/tensional quartz stringers/veinlets. Sharp lower contact variable TCA. | E401648 | 10.00 | 11.00 | 1.00 | 0.01 | | |
| | | | E401649 | 11.00 | 12.00 | 1.00 | 0.01 | | |
| | | | E401650 | 12.00 | 13.00 | 1.00 | 0.01 | | |
| | | | E401651 | 13.00 | 14.00 | 1.00 | 0.01 | | |
| | | | E401652 | 14.00 | 15.00 | 1.00 | 0.01 | | |
| | | | E401653 | 15.00 | 16.00 | 1.00 | 0.01 | | |
| | | | E401654 | 16.00 | 17.00 | 1.00 | 0.00 | | |
| | | | E401656 | 17.00 | 18.00 | 1.00 | 0.00 | | |
| | | | E401657 | 18.00 | 18.40 | 0.40 | 0.00 | | |

Hole Number: H14-019

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 18.40 | 126.00 | VMV, MAFIC VOLCANIC VARIOLITIC Mafic volcanic unit with a primarily variolitic texture. Weak to strong patchy magnetism. Green-grey to yellow-grey (sericite alteration) to red/purple-grey (Hematite and albite alterations) in colour. Varioles are circular, cm-scale blebs which occur locally. Patchy localized mm-cm scale sub-angular brecciation. Moderate patchy hematite and sericite alterations, occasionally noticed as pervasive patches. Weak patchy chlorite and albite alteration. Occasional rusting on fracture surfaces. Trace sulphides throughout with localized increases. Weak patchy quartz/quartz carbonate stringers to veins, occasionally brecciated. | E401658 | 18.40 | 19.00 | 0.60 | 0.02 | | |
| | | | E401659 | 19.00 | 20.00 | 1.00 | 0.10 | | |
| | | | E401660 | 20.00 | 21.00 | 1.00 | 0.01 | | |
| | | | E401661 | 21.00 | 22.00 | 1.00 | 0.05 | | |
| | | | E401662 | 22.00 | 23.00 | 1.00 | 0.00 | | |
| | | | E401663 | 23.00 | 24.00 | 1.00 | 0.02 | | |
| | | | E401664 | 24.00 | 25.00 | 1.00 | 0.01 | | |
| | | | E401666 | 25.00 | 26.00 | 1.00 | 0.02 | | |
| | | | E401667 | 26.00 | 27.00 | 1.00 | 0.01 | | |
| | | | E401668 | 27.00 | 28.00 | 1.00 | 0.72 | | |
| | | | E401669 | 28.00 | 29.00 | 1.00 | 0.09 | | |
| | | | E401670 | 29.00 | 30.00 | 1.00 | 0.07 | | |
| | | | E401671 | 30.00 | 31.00 | 1.00 | 0.01 | | |
| | | | E401672 | 31.00 | 32.00 | 1.00 | 0.00 | | |
| | | | E401673 | 32.00 | 33.00 | 1.00 | 0.00 | | |
| | | | E401674 | 33.00 | 34.00 | 1.00 | 0.03 | | |
| | | | E401676 | 34.00 | 35.00 | 1.00 | 0.00 | | |
| | | | E401677 | 35.00 | 36.00 | 1.00 | 0.00 | | |
| | | | E401678 | 36.00 | 37.00 | 1.00 | 0.20 | | |
| | | | E401679 | 37.00 | 38.00 | 1.00 | 0.71 | | |
| | | | E401680 | 38.00 | 39.00 | 1.00 | 0.02 | | |
| | | | E401681 | 39.00 | 40.00 | 1.00 | 0.17 | | |
| | | | E401682 | 40.00 | 41.00 | 1.00 | 0.01 | | |
| | | | E401683 | 41.00 | 42.00 | 1.00 | 0.00 | | |
| | | | E401684 | 42.00 | 43.00 | 1.00 | 4.34 | | |
| | | | E401686 | 43.00 | 44.00 | 1.00 | 0.26 | | |
| | | | E401687 | 44.00 | 45.00 | 1.00 | 2.19 | | |
| | | | E401688 | 45.00 | 46.00 | 1.00 | 6.67 | | |
| | | | E401689 | 46.00 | 47.00 | 1.00 | 10.00 | | 31.00 |
| | | | E401690 | 47.00 | 48.00 | 1.00 | 10.00 | | 13.60 |
| | | | E401691 | 48.00 | 49.00 | 1.00 | 2.61 | | |
| | | | E401692 | 49.00 | 50.00 | 1.00 | 0.54 | | |
| | | | E401693 | 50.00 | 51.00 | 1.00 | 0.22 | | |
| | | | E401694 | 51.00 | 52.00 | 1.00 | 0.03 | | |
| | | | E401696 | 52.00 | 53.00 | 1.00 | 1.41 | | |
| | | | E401697 | 53.00 | 54.00 | 1.00 | 0.18 | | |
| | | | E401698 | 54.00 | 55.00 | 1.00 | 0.08 | | |
| | | | E401699 | 55.00 | 55.90 | 0.90 | 0.03 | | |
| | | | E401700 | 55.90 | 57.00 | 1.10 | 0.01 | | |
| | | | E401701 | 57.00 | 58.00 | 1.00 | 0.00 | | |
| | | | E401702 | 58.00 | 59.00 | 1.00 | 0.00 | | |
| | | | E401703 | 59.00 | 60.00 | 1.00 | 0.00 | | |
| | | | E401704 | 60.00 | 61.00 | 1.00 | 0.00 | | |

DETAILED LOG

Hole Number: H14-019

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E401706 | 61.00 | 62.00 | 1.00 | 0.00 | | |
| | | | E401707 | 62.00 | 63.00 | 1.00 | 0.00 | | |
| | | | E401708 | 63.00 | 64.00 | 1.00 | 0.03 | | |
| | | | E401709 | 64.00 | 65.00 | 1.00 | 0.02 | | |
| | | | E401710 | 65.00 | 66.00 | 1.00 | 0.01 | | |
| | | | E401711 | 66.00 | 67.00 | 1.00 | 0.00 | | |
| | | | E401712 | 67.00 | 68.00 | 1.00 | 0.01 | | |
| | | | E401713 | 68.00 | 69.00 | 1.00 | 0.08 | | |
| | | | E401714 | 69.00 | 70.00 | 1.00 | 0.00 | | |
| | | | E401716 | 70.00 | 71.00 | 1.00 | 0.01 | | |
| | | | E401717 | 71.00 | 72.00 | 1.00 | 0.00 | 0.00 | |
| | | | E401718 | 72.00 | 73.00 | 1.00 | 0.00 | | |
| | | | E401719 | 73.00 | 74.00 | 1.00 | 0.01 | | |
| | | | E401720 | 74.00 | 75.00 | 1.00 | 0.00 | | |
| | | | E401721 | 75.00 | 76.00 | 1.00 | 0.00 | | |
| | | | E401722 | 76.00 | 77.00 | 1.00 | 0.01 | | |
| | | | E401723 | 77.00 | 78.00 | 1.00 | 0.00 | 0.00 | |
| | | | E401724 | 78.00 | 79.00 | 1.00 | 0.00 | | |
| | | | E401726 | 79.00 | 80.00 | 1.00 | 0.01 | | |
| | | | E401727 | 80.00 | 81.00 | 1.00 | 0.00 | | |
| | | | E401728 | 81.00 | 82.00 | 1.00 | 0.00 | | |
| | | | E401729 | 82.00 | 83.00 | 1.00 | 0.00 | | |
| | | | E401730 | 83.00 | 84.00 | 1.00 | 0.00 | | |
| | | | E401731 | 84.00 | 85.00 | 1.00 | 0.00 | | |
| | | | E401732 | 85.00 | 86.00 | 1.00 | 0.00 | | |
| | | | E401733 | 86.00 | 87.00 | 1.00 | 0.00 | | |
| | | | E401734 | 87.00 | 88.00 | 1.00 | 0.00 | | |
| | | | E401736 | 88.00 | 89.00 | 1.00 | 0.00 | | |
| | | | E401737 | 89.00 | 90.00 | 1.00 | 0.00 | 0.00 | |
| | | | E401738 | 90.00 | 91.00 | 1.00 | 0.00 | | |
| | | | E401739 | 91.00 | 92.00 | 1.00 | 0.00 | | |
| | | | E401740 | 92.00 | 93.00 | 1.00 | 0.03 | | |
| | | | E401741 | 93.00 | 94.00 | 1.00 | 0.01 | | |
| | | | E401742 | 94.00 | 95.00 | 1.00 | 0.12 | | |
| | | | E401743 | 95.00 | 96.00 | 1.00 | 0.14 | | |
| | | | E401744 | 96.00 | 97.00 | 1.00 | 0.14 | | |
| | | | E401746 | 97.00 | 98.00 | 1.00 | 0.01 | | |
| | | | E401747 | 98.00 | 99.00 | 1.00 | 0.00 | | |
| | | | E401748 | 99.00 | 100.00 | 1.00 | 0.00 | 0.00 | |
| | | | E401749 | 100.00 | 101.00 | 1.00 | 0.01 | | |
| | | | E401750 | 101.00 | 102.00 | 1.00 | 0.00 | | |
| | | | E401751 | 102.00 | 103.00 | 1.00 | 0.01 | | |
| | | | E401752 | 103.00 | 104.00 | 1.00 | 0.01 | | |

DETAILED LOG

Hole Number: H14-019

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E401753 | 104.00 | 105.00 | 1.00 | 0.00 | | |
| | | | E401756 | 105.00 | 106.00 | 1.00 | 0.00 | | |
| | | | E401757 | 106.00 | 107.00 | 1.00 | 0.00 | | |
| | | | E401758 | 107.00 | 108.00 | 1.00 | 0.00 | | |
| | | | E401759 | 108.00 | 109.00 | 1.00 | 0.01 | | |
| | | | E401760 | 109.00 | 110.00 | 1.00 | 0.31 | | |
| | | | E401761 | 110.00 | 111.00 | 1.00 | 0.02 | | |
| | | | E401762 | 111.00 | 112.00 | 1.00 | 0.00 | | |
| | | | E401763 | 112.00 | 113.00 | 1.00 | 0.00 | | |
| | | | E401764 | 113.00 | 114.00 | 1.00 | 0.00 | | |
| | | | E401766 | 114.00 | 115.00 | 1.00 | 0.01 | | |
| | | | E401767 | 115.00 | 116.00 | 1.00 | 0.00 | | |
| | | | E401768 | 116.00 | 117.00 | 1.00 | 0.00 | | |
| | | | E401769 | 117.00 | 118.00 | 1.00 | 0.00 | | |
| | | | E401770 | 118.00 | 119.00 | 1.00 | 0.00 | | |
| | | | E401771 | 119.00 | 120.00 | 1.00 | 0.00 | | |
| | | | E401772 | 120.00 | 121.00 | 1.00 | 0.54 | | |
| | | | E401773 | 121.00 | 122.00 | 1.00 | 3.55 | | |
| | | | E401774 | 122.00 | 123.00 | 1.00 | 0.32 | | |
| | | | E401776 | 123.00 | 124.00 | 1.00 | 0.03 | | |
| | | | E401777 | 124.00 | 125.00 | 1.00 | 0.02 | | |
| | | | E401778 | 125.00 | 126.00 | 1.00 | 6.33 | | |

Hole Number: H14-019

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 126.00 | 150.00 | VMV, MAFIC VOLCANIC VARIOLITIC Variolitic mafic unit with increased alteration (specifically albite), increased sulphides, more brecciation (primarily associated with veining), and noticeable VG. Green-grey to yellow-grey (sericite alteration), to red (hematite), to purple-grey (albite) in colour. Weak patchy magnetism. cm-scale circular varioles throughout. Sulphide increases particular within fracture systems or areas of albite alteration. Moderate veining throughout, often brecciated. | E401779 | 126.00 | 127.00 | 1.00 | 10.00 | | 152.00 |
| | | | E401780 | 127.00 | 128.00 | 1.00 | 0.54 | | |
| | | | E401781 | 128.00 | 129.00 | 1.00 | 3.56 | 4.28 | |
| | | | E401782 | 129.00 | 130.00 | 1.00 | 2.53 | | |
| | | | E401783 | 130.00 | 131.00 | 1.00 | 3.95 | | |
| | | | E401784 | 131.00 | 132.00 | 1.00 | 0.32 | | |
| | | | E401786 | 132.00 | 132.70 | 0.70 | 0.08 | | |
| | | | E401787 | 132.70 | 134.00 | 1.30 | 0.00 | | |
| | | | E401788 | 134.00 | 135.00 | 1.00 | 0.98 | | |
| | | | E401789 | 135.00 | 136.00 | 1.00 | 1.82 | | |
| | | | E401790 | 136.00 | 137.00 | 1.00 | 4.38 | | |
| | | | E401791 | 137.00 | 138.00 | 1.00 | 0.35 | | |
| | | | E401792 | 138.00 | 139.00 | 1.00 | 0.22 | | |
| | | | E401793 | 139.00 | 140.00 | 1.00 | 6.49 | | |
| | | | E401794 | 140.00 | 141.00 | 1.00 | 2.37 | 3.73 | |
| | | | E401796 | 141.00 | 142.00 | 1.00 | 10.00 | | 17.80 |
| | | | E401797 | 142.00 | 143.00 | 1.00 | 7.96 | | |
| | | | E401798 | 143.00 | 144.00 | 1.00 | 10.00 | | 14.60 |
| | | | E401799 | 144.00 | 145.00 | 1.00 | 7.68 | | |
| | | | E401800 | 145.00 | 146.00 | 1.00 | 1.68 | | |
| | | | E401801 | 146.00 | 147.00 | 1.00 | 1.00 | | |
| | | | E401802 | 147.00 | 147.90 | 0.90 | 7.61 | | |
| | | | E401803 | 147.90 | 149.00 | 1.10 | 8.84 | | |
| | | | E401804 | 149.00 | 150.00 | 1.00 | 6.20 | | |
| 150.00 | 163.30 | VMV, MAFIC VOLCANIC VARIOLITIC Continuation of first VMV unit. Weak magnetism. Weak serpentine, hematite, and albite alteration. cm-scale circular varioles. Moderate brecciation and fracture systems noticed which host increased sulphides. Sharp lower contact variable TCA. | E401806 | 150.00 | 151.00 | 1.00 | 0.02 | 0.02 | |
| | | | E401807 | 151.00 | 152.00 | 1.00 | 0.01 | | |
| | | | E401808 | 152.00 | 153.00 | 1.00 | 0.48 | | |
| | | | E401809 | 153.00 | 154.00 | 1.00 | 0.02 | | |
| | | | E401810 | 154.00 | 155.00 | 1.00 | 0.02 | | |
| | | | E401811 | 155.00 | 156.00 | 1.00 | 0.00 | | |
| | | | E401812 | 156.00 | 157.00 | 1.00 | 0.02 | | |
| | | | E401813 | 157.00 | 158.00 | 1.00 | 0.01 | | |
| | | | E401814 | 158.00 | 159.00 | 1.00 | 0.08 | | |
| | | | E401816 | 159.00 | 160.00 | 1.00 | 1.54 | | |
| | | | E401817 | 160.00 | 161.00 | 1.00 | 1.72 | | |
| | | | E401818 | 161.00 | 162.00 | 1.00 | 1.87 | | |
| | | | E401819 | 162.00 | 163.30 | 1.30 | 1.94 | | |

Hole Number: H14-019

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 163.30 | 171.00 | VMM, MAFIC VOLCANIC MASSIVE Massive mafic unit. Fine grained green-grey. Moderate pervasive magnetism. Weak patchy chlorite, hematite, and albite alterations. Weak patchy quartz and quartz carbonate stringers/veinlets. Trace sulphides throughout with localized increases. | E401820 | 163.30 | 164.00 | 0.70 | 0.09 | | |
| | | | E401821 | 164.00 | 165.00 | 1.00 | 0.02 | | |
| | | | E401822 | 165.00 | 166.00 | 1.00 | 0.02 | | |
| | | | E401823 | 166.00 | 167.00 | 1.00 | 0.04 | | |
| | | | E401824 | 167.00 | 168.00 | 1.00 | 0.01 | | |
| | | | E401826 | 168.00 | 169.00 | 1.00 | 0.00 | | |
| | | | E401827 | 169.00 | 170.00 | 1.00 | 0.01 | | |
| | | | E401828 | 170.00 | 171.00 | 1.00 | 0.01 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401648 | 10.00 | 11.00 | 0.0130 | | |
| E401649 | 11.00 | 12.00 | 0.0140 | | |
| E401650 | 12.00 | 13.00 | 0.0050 | | |
| E401651 | 13.00 | 14.00 | 0.0060 | | |
| E401652 | 14.00 | 15.00 | 0.0110 | | |
| E401653 | 15.00 | 16.00 | 0.0060 | | |
| E401654 | 16.00 | 17.00 | 0.0020 | | |
| E401656 | 17.00 | 18.00 | 0.0020 | | |
| E401657 | 18.00 | 18.40 | 0.0020 | | |
| E401658 | 18.40 | 19.00 | 0.0190 | | |
| E401659 | 19.00 | 20.00 | 0.0950 | | |
| E401660 | 20.00 | 21.00 | 0.0130 | | |
| E401661 | 21.00 | 22.00 | 0.0520 | | |
| E401662 | 22.00 | 23.00 | 0.0040 | | |
| E401663 | 23.00 | 24.00 | 0.0150 | | |
| E401664 | 24.00 | 25.00 | 0.0100 | | |
| E401666 | 25.00 | 26.00 | 0.0160 | | |
| E401667 | 26.00 | 27.00 | 0.0070 | | |
| E401668 | 27.00 | 28.00 | 0.7230 | | |
| E401669 | 28.00 | 29.00 | 0.0900 | | |
| E401670 | 29.00 | 30.00 | 0.0700 | | |
| E401671 | 30.00 | 31.00 | 0.0080 | | |
| E401672 | 31.00 | 32.00 | 0.0040 | | |
| E401673 | 32.00 | 33.00 | 0.0020 | | |
| E401674 | 33.00 | 34.00 | 0.0260 | | |
| E401676 | 34.00 | 35.00 | 0.0030 | | |
| E401677 | 35.00 | 36.00 | 0.0020 | | |
| E401678 | 36.00 | 37.00 | 0.2030 | | |

Hole Number: H14-019

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401679 | 37.00 | 38.00 | 0.7110 | | |
| E401680 | 38.00 | 39.00 | 0.0170 | | |
| E401681 | 39.00 | 40.00 | 0.1710 | | |
| E401682 | 40.00 | 41.00 | 0.0070 | | |
| E401683 | 41.00 | 42.00 | 0.0030 | | |
| E401684 | 42.00 | 43.00 | 4.3400 | | |
| E401686 | 43.00 | 44.00 | 0.2600 | | |
| E401687 | 44.00 | 45.00 | 2.1900 | | |
| E401688 | 45.00 | 46.00 | 6.6700 | | |
| E401689 | 46.00 | 47.00 | 10.0000 | | 31.0000 |
| E401690 | 47.00 | 48.00 | 10.0000 | | 13.6000 |
| E401691 | 48.00 | 49.00 | 2.6100 | | |
| E401692 | 49.00 | 50.00 | 0.5360 | | |
| E401693 | 50.00 | 51.00 | 0.2150 | | |
| E401694 | 51.00 | 52.00 | 0.0310 | | |
| E401696 | 52.00 | 53.00 | 1.4100 | | |
| E401697 | 53.00 | 54.00 | 0.1800 | | |
| E401698 | 54.00 | 55.00 | 0.0780 | | |
| E401699 | 55.00 | 55.90 | 0.0340 | | |
| E401700 | 55.90 | 57.00 | 0.0070 | | |
| E401701 | 57.00 | 58.00 | 0.0040 | | |
| E401702 | 58.00 | 59.00 | 0.0020 | | |
| E401703 | 59.00 | 60.00 | 0.0020 | | |
| E401704 | 60.00 | 61.00 | 0.0020 | | |
| E401706 | 61.00 | 62.00 | 0.0040 | | |
| E401707 | 62.00 | 63.00 | 0.0030 | | |
| E401708 | 63.00 | 64.00 | 0.0250 | | |
| E401709 | 64.00 | 65.00 | 0.0150 | | |
| E401710 | 65.00 | 66.00 | 0.0100 | | |
| E401711 | 66.00 | 67.00 | 0.0020 | | |
| E401712 | 67.00 | 68.00 | 0.0060 | | |
| E401713 | 68.00 | 69.00 | 0.0750 | | |
| E401714 | 69.00 | 70.00 | 0.0020 | | |
| E401716 | 70.00 | 71.00 | 0.0130 | | |
| E401717 | 71.00 | 72.00 | 0.0020 | 0.0020 | |
| E401718 | 72.00 | 73.00 | 0.0040 | | |
| E401719 | 73.00 | 74.00 | 0.0140 | | |
| E401720 | 74.00 | 75.00 | 0.0020 | | |
| E401721 | 75.00 | 76.00 | 0.0020 | | |

Hole Number: H14-019

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401722 | 76.00 | 77.00 | 0.0070 | | |
| E401723 | 77.00 | 78.00 | 0.0020 | 0.0029 | |
| E401724 | 78.00 | 79.00 | 0.0005 | | |
| E401726 | 79.00 | 80.00 | 0.0080 | | |
| E401727 | 80.00 | 81.00 | 0.0020 | | |
| E401728 | 81.00 | 82.00 | 0.0030 | | |
| E401729 | 82.00 | 83.00 | 0.0020 | | |
| E401730 | 83.00 | 84.00 | 0.0005 | | |
| E401731 | 84.00 | 85.00 | 0.0010 | | |
| E401732 | 85.00 | 86.00 | 0.0010 | | |
| E401733 | 86.00 | 87.00 | 0.0005 | | |
| E401734 | 87.00 | 88.00 | 0.0030 | | |
| E401736 | 88.00 | 89.00 | 0.0030 | | |
| E401737 | 89.00 | 90.00 | 0.0030 | 0.0020 | |
| E401738 | 90.00 | 91.00 | 0.0010 | | |
| E401739 | 91.00 | 92.00 | 0.0010 | | |
| E401740 | 92.00 | 93.00 | 0.0260 | | |
| E401741 | 93.00 | 94.00 | 0.0080 | | |
| E401742 | 94.00 | 95.00 | 0.1170 | | |
| E401743 | 95.00 | 96.00 | 0.1390 | | |
| E401744 | 96.00 | 97.00 | 0.1350 | | |
| E401746 | 97.00 | 98.00 | 0.0050 | | |
| E401747 | 98.00 | 99.00 | 0.0030 | | |
| E401748 | 99.00 | 100.00 | 0.0030 | 0.0035 | |
| E401749 | 100.00 | 101.00 | 0.0050 | | |
| E401750 | 101.00 | 102.00 | 0.0020 | | |
| E401751 | 102.00 | 103.00 | 0.0090 | | |
| E401752 | 103.00 | 104.00 | 0.0060 | | |
| E401753 | 104.00 | 105.00 | 0.0010 | | |
| E401756 | 105.00 | 106.00 | 0.0005 | | |
| E401757 | 106.00 | 107.00 | 0.0010 | | |
| E401758 | 107.00 | 108.00 | 0.0005 | | |
| E401759 | 108.00 | 109.00 | 0.0060 | | |
| E401760 | 109.00 | 110.00 | 0.3050 | | |
| E401761 | 110.00 | 111.00 | 0.0200 | | |
| E401762 | 111.00 | 112.00 | 0.0020 | | |
| E401763 | 112.00 | 113.00 | 0.0005 | | |
| E401764 | 113.00 | 114.00 | 0.0020 | | |
| E401766 | 114.00 | 115.00 | 0.0130 | | |

Hole Number: H14-019

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401767 | 115.00 | 116.00 | 0.0040 | | |
| E401768 | 116.00 | 117.00 | 0.0005 | | |
| E401769 | 117.00 | 118.00 | 0.0005 | | |
| E401770 | 118.00 | 119.00 | 0.0005 | | |
| E401771 | 119.00 | 120.00 | 0.0005 | | |
| E401772 | 120.00 | 121.00 | 0.5370 | | |
| E401773 | 121.00 | 122.00 | 3.5500 | | |
| E401774 | 122.00 | 123.00 | 0.3200 | | |
| E401776 | 123.00 | 124.00 | 0.0330 | | |
| E401777 | 124.00 | 125.00 | 0.0200 | | |
| E401778 | 125.00 | 126.00 | 6.3300 | | |
| E401779 | 126.00 | 127.00 | 10.0000 | | 152.0000 |
| E401780 | 127.00 | 128.00 | 0.5350 | | |
| E401781 | 128.00 | 129.00 | 3.5600 | 4.2800 | |
| E401782 | 129.00 | 130.00 | 2.5300 | | |
| E401783 | 130.00 | 131.00 | 3.9500 | | |
| E401784 | 131.00 | 132.00 | 0.3160 | | |
| E401786 | 132.00 | 132.70 | 0.0770 | | |
| E401787 | 132.70 | 134.00 | 0.0020 | | |
| E401788 | 134.00 | 135.00 | 0.9780 | | |
| E401789 | 135.00 | 136.00 | 1.8200 | | |
| E401790 | 136.00 | 137.00 | 4.3800 | | |
| E401791 | 137.00 | 138.00 | 0.3530 | | |
| E401792 | 138.00 | 139.00 | 0.2200 | | |
| E401793 | 139.00 | 140.00 | 6.4900 | | |
| E401794 | 140.00 | 141.00 | 2.3700 | 3.7300 | |
| E401796 | 141.00 | 142.00 | 10.0000 | | 17.8000 |
| E401797 | 142.00 | 143.00 | 7.9600 | | |
| E401798 | 143.00 | 144.00 | 10.0000 | | 14.6000 |
| E401799 | 144.00 | 145.00 | 7.6800 | | |
| E401800 | 145.00 | 146.00 | 1.6800 | | |
| E401801 | 146.00 | 147.00 | 1.0000 | | |
| E401802 | 147.00 | 147.90 | 7.6100 | | |
| E401803 | 147.90 | 149.00 | 8.8400 | | |
| E401804 | 149.00 | 150.00 | 6.2000 | | |
| E401806 | 150.00 | 151.00 | 0.0240 | 0.0150 | |
| E401807 | 151.00 | 152.00 | 0.0090 | | |
| E401808 | 152.00 | 153.00 | 0.4790 | | |
| E401809 | 153.00 | 154.00 | 0.0240 | | |

Hole Number: H14-019

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401810 | 154.00 | 155.00 | 0.0180 | | |
| E401811 | 155.00 | 156.00 | 0.0030 | | |
| E401812 | 156.00 | 157.00 | 0.0180 | | |
| E401813 | 157.00 | 158.00 | 0.0130 | | |
| E401814 | 158.00 | 159.00 | 0.0770 | | |
| E401816 | 159.00 | 160.00 | 1.5400 | | |
| E401817 | 160.00 | 161.00 | 1.7200 | | |
| E401818 | 161.00 | 162.00 | 1.8700 | | |
| E401819 | 162.00 | 163.30 | 1.9400 | | |
| E401820 | 163.30 | 164.00 | 0.0850 | | |
| E401821 | 164.00 | 165.00 | 0.0190 | | |
| E401822 | 165.00 | 166.00 | 0.0170 | | |
| E401823 | 166.00 | 167.00 | 0.0370 | | |
| E401824 | 167.00 | 168.00 | 0.0050 | | |
| E401826 | 168.00 | 169.00 | 0.0030 | | |
| E401827 | 169.00 | 170.00 | 0.0090 | | |
| E401828 | 170.00 | 171.00 | 0.0050 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| | 0 |
| HCO | 39.60 |
| VMX | 39.60 |
| VMO | 59.20 |
| VMM | 71.00 |
| VMO | 71.00 |
| VMX | 93.30 |
| VMV | 93.30 |
| VMX | 113.90 |
| VMV | 113.90 |
| VMV | 150.80 |
| VMX | 150.80 |
| VMV | 196.00 |
| VMX | 196.00 |
| VMV | 205.70 |
| VMX | 205.70 |
| VMV | 210.30 |
| VMX | 210.30 |
| VMV | 218.00 |
| VMX | 218.00 |
| VMV | 239.80 |
| VMX | 239.80 |
| VMO | 246.70 |
| VMV | 246.70 |
| VMO | 260.00 |
| VMV | 260.00 |
| VMV | 300.00 |

| | | |
|---|-------------------------|---|
| Hole No: H14-020 | Hole Type: Explor | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Hislop | |
| Casing: YES | Claim No: L23129 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 300.00 |
| Azimuth Dec: 227.00 Dip Dec: -49.00 | | Collar Survey: <input type="checkbox"/> |
| | | Pulse Em Survey: <input type="checkbox"/> |
| | | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> |
| | | Is Hole Plugged: <input type="checkbox"/> |
| | | Is Cemented: <input type="checkbox"/> |
| Contractor: Orbit Garant Start Date: Aug 10, 2014 Completed: Aug 14, 2014 | | |
| Logged By: ssanderson Entered On: Aug 27, 2014 | | |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372152.000000 | 551997.000000 | 300.0000 | UTM: | | | | |

Amontha McDonald

DETAILED LOG

Hole Number: H14-020

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|--------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -49.00 |
| Project Number: HISLOP | North: 5372152.00 | North: | Collar Az: 227.00 |
| Location: Hislop Township | East: 551997.00 | East: | Length: 300.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Aug 10, 2014 | Collar Survey: N | Plugged: N | Contractor: Orbit Garant |
| Date Completed: Aug 14, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Hislop |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 300.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 226.90 | -48.90 | EZ Sho | OK | | 63.00 | 226.90 | -48.90 | EZ Sho | OK | |
| 99.00 | 231.70 | -48.50 | EZ Sho | OK | | 153.00 | 229.70 | -47.90 | EZ Sho | OK | |
| 201.00 | 234.10 | -47.80 | EZ Sho | OK | | 249.00 | 233.10 | -47.80 | EZ Sho | OK | |
| 300.00 | 234.80 | -47.60 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 39.60 | HCO, CASING | | | | | | | |
| 39.60 | 59.20 | VMX, MAFIC BRECCIA Grey to purple grey. Massive to aphanitic matrix. Breccia fragments are mauve/light grey. Unit is also variolitic with subrounded varioles ranging from 1cm in size to mm in size diss throughout then unit. tr to 0.5% diss fg py. No apparent foliation. Minor chlorite fractures. Weak qtz-carb tension veinlets. Hematite and albite altered. Gradational contact. | | | | | | | |
| 59.20 | 71.00 | VMO, MAFIC VOLCANIC UNDIVIDED Dark grey to reddish grey. Massive to aphanitic. No apparent foliation. Minor qtz-carb veinlets throughout and localized larger qtz carb veins. Weakly hematite altered. | E600801 | 69.50 | 70.50 | 1.00 | 0.00 | | |
| | | | E600802 | 70.50 | 71.00 | 0.50 | 0.00 | | |

DETAILED LOG

Hole Number: H14-020

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 71.00 | 93.30 | VMM, MAFIC VOLCANIC MASSIVE Dark grey to greenish grey. Massive to aphanitic matrix. Diss cg yellowish brown specs throughout, most likely leucoxene. No apparent foliation. Moderate qtz-carb veining throughout, stringers to massive veins. Veins appear to be oxidized between 71 and 78m. Sulphides are mostly found within these veins and are filling the chlorite fractures, 1% sulphide. MINOR INTERVALS: Minor Interval: 83.20 - 83.80 VMX, MAFIC BRECCIA Brecciated- silica- albite altered, moderate patchy hematite. | E600803 | 71.00 | 72.00 | 1.00 | 0.03 | | |
| | | | E600804 | 72.00 | 73.00 | 1.00 | 0.00 | | |
| | | | E600805 | 73.00 | 73.80 | 0.80 | 0.00 | | |
| | | | E600806 | 73.80 | 74.30 | 0.50 | 0.01 | | |
| | | | E600807 | 74.30 | 74.80 | 0.50 | 0.05 | | |
| | | | E600808 | 74.80 | 75.30 | 0.50 | 0.05 | | |
| | | | E600810 | 75.30 | 76.10 | 0.80 | 0.01 | | |
| | | | E600811 | 76.10 | 76.70 | 0.60 | 0.09 | | |
| | | | E600812 | 76.70 | 77.30 | 0.60 | 0.01 | | |
| | | | E600813 | 77.30 | 78.00 | 0.70 | 0.00 | | |
| | | | E600814 | 78.00 | 78.90 | 0.90 | 0.01 | | |
| | | | E600815 | 78.90 | 79.60 | 0.70 | 0.01 | | |
| | | | E600816 | 79.60 | 80.20 | 0.60 | 0.01 | | |
| | | | E600817 | 80.20 | 81.00 | 0.80 | 0.00 | | |
| | | | E600819 | 81.00 | 82.00 | 1.00 | 0.01 | | |
| | | | E600820 | 82.00 | 83.20 | 1.20 | 0.17 | | |
| | | | E600821 | 83.20 | 83.90 | 0.70 | 0.20 | | |
| | | | E600822 | 83.90 | 84.50 | 0.60 | 0.04 | | |
| | | | E600823 | 84.50 | 85.20 | 0.70 | 0.15 | | |
| | | | E600824 | 85.20 | 86.00 | 0.80 | 0.00 | | |
| | | | E600825 | 86.00 | 87.00 | 1.00 | 0.00 | | |
| | | | E600826 | 87.00 | 87.80 | 0.80 | 0.01 | | |
| | | | E600828 | 87.80 | 89.00 | 1.20 | 0.00 | | |
| | | | E600829 | 89.00 | 90.00 | 1.00 | 0.00 | | |
| | | | E600830 | 90.00 | 91.00 | 1.00 | 0.00 | | |
| | | | E600831 | 91.00 | 91.90 | 0.90 | 0.00 | | |
| | | | E600832 | 91.90 | 92.60 | 0.70 | 0.01 | | |
| | | | E600833 | 92.60 | 93.30 | 0.70 | 0.01 | | |
| 93.30 | 113.90 | VMO, MAFIC VOLCANIC UNDIVIDED As above. | E600834 | 93.30 | 93.90 | 0.60 | 0.00 | | |
| | | | E600835 | 93.90 | 94.70 | 0.80 | 0.01 | | |
| | | | E600836 | 94.70 | 95.90 | 1.20 | 0.01 | | |
| | | | E600838 | 95.90 | 96.50 | 0.60 | 0.01 | | |
| | | | E600839 | 96.50 | 97.50 | 1.00 | 0.00 | | |
| | | | E600840 | 97.50 | 98.70 | 1.20 | 0.00 | | |
| | | | E600841 | 98.70 | 99.30 | 0.60 | 0.00 | | |
| | | | E600842 | 99.30 | 100.60 | 1.30 | 0.00 | | |
| | | | E600843 | 112.30 | 113.30 | 1.00 | 0.00 | | |
| | | | E600844 | 113.30 | 113.80 | 0.50 | 0.01 | | |
| | | | E600845 | 113.80 | 114.90 | 1.10 | 0.01 | | |

Hole Number: H14-020

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 113.90 | 150.80 | VMX, MAFIC BRECCIA Grey to purple grey. Massive to aphanitic matrix. Breccia fragments are mauve/light grey. Unit is also variolitic with subrounded small mm scale varioles diss throughout the unit. tr to 1-2% diss fg py. No apparent foliation. Minor chlorite fractures. Weak qtz-carb tension veinlets. Hematite and albite altered. Qtz-carb veining is pink, most likely kspar altered. Also veins are oxidized. Sharp contact at 50 TCA. Varioles 138.7-140. | E600846 | 114.90 | 116.10 | 1.20 | 0.00 | | |
| | | | E600848 | 116.10 | 116.60 | 0.50 | 0.00 | | |
| | | | E600849 | 116.60 | 117.30 | 0.70 | 0.00 | | |
| | | | E600850 | 117.30 | 117.90 | 0.60 | 0.00 | | |
| | | | E600851 | 117.90 | 119.00 | 1.10 | 0.03 | 0.03 | |
| | | | E600852 | 119.00 | 120.00 | 1.00 | 0.05 | | |
| | | | E600853 | 120.00 | 120.80 | 0.80 | 0.03 | | |
| | | | E600854 | 120.80 | 121.70 | 0.90 | 0.01 | | |
| | | | E600855 | 121.70 | 122.60 | 0.90 | 0.01 | | |
| | | | E600856 | 122.60 | 123.20 | 0.60 | 0.07 | | |
| | | | E600857 | 123.20 | 124.10 | 0.90 | 0.00 | | |
| | | | E600859 | 124.10 | 124.80 | 0.70 | 0.04 | | |
| | | | E600860 | 124.80 | 125.80 | 1.00 | 0.18 | | |
| | | | E600861 | 125.80 | 126.80 | 1.00 | 0.23 | | |
| | | | E600862 | 126.80 | 127.60 | 0.80 | 0.15 | | |
| | | | E600863 | 127.60 | 128.90 | 1.30 | 0.15 | | |
| | | | E600864 | 128.90 | 129.80 | 0.90 | 0.03 | | |
| | | | E600865 | 129.80 | 130.50 | 0.70 | 0.02 | | |
| | | | E600866 | 130.50 | 131.10 | 0.60 | 0.02 | 0.05 | |
| | | | E600868 | 131.10 | 131.80 | 0.70 | 0.02 | | |
| | | | E600869 | 131.80 | 132.40 | 0.60 | 1.48 | | |
| | | | E600870 | 132.40 | 133.00 | 0.60 | 0.14 | | |
| | | | E600871 | 133.00 | 133.90 | 0.90 | 1.59 | | |
| | | | E600872 | 133.90 | 134.50 | 0.60 | 0.11 | | |
| | | | E600873 | 134.50 | 136.00 | 1.50 | 0.02 | | |
| | | | E600874 | 136.00 | 136.60 | 0.60 | 0.01 | | |
| | | | E600875 | 136.60 | 137.10 | 0.50 | 0.06 | | |
| | | | E600877 | 137.10 | 137.70 | 0.60 | 0.05 | | |
| | | | E600878 | 137.70 | 138.20 | 0.50 | 0.03 | | |
| | | | E600879 | 138.20 | 138.90 | 0.70 | 0.02 | | |
| | | | E600880 | 138.90 | 139.50 | 0.60 | 0.03 | | |
| | | | E600881 | 139.50 | 140.20 | 0.70 | 0.02 | | |
| | | | E600882 | 140.20 | 141.10 | 0.90 | 0.21 | | |
| | | | E600883 | 141.10 | 141.70 | 0.60 | 0.07 | 0.06 | |
| | | | E600884 | 141.70 | 142.50 | 0.80 | 1.89 | | |
| | | | E600885 | 142.50 | 143.10 | 0.60 | 1.42 | | |
| | | | E600886 | 143.10 | 144.00 | 0.90 | 5.20 | | |
| | | | E600887 | 144.00 | 145.00 | 1.00 | 0.07 | | |
| | | | E600889 | 145.00 | 146.00 | 1.00 | 0.16 | | |
| | | | E600890 | 146.00 | 147.00 | 1.00 | 1.81 | | |
| | | | E600891 | 147.00 | 148.00 | 1.00 | 0.02 | | |
| | | | E600892 | 148.00 | 149.00 | 1.00 | 0.14 | | |
| | | | E600893 | 149.00 | 150.00 | 1.00 | 0.61 | | |

DETAILED LOG

Hole Number: H14-020

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E600894 | 150.00 | 150.80 | 0.80 | 0.01 | | |

Hole Number: H14-020

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 150.80 | 196.00 | VMV, MAFIC VOLCANIC VARIOLITIC Grey to reddish grey. Massive to aphanitic matrix. Subrounded hematitic varioles and albitic varioles throughout the unit. Moderate to strong hematite alteration. Localized albite/feldspar alteration. 1-2% sulphides. Sulphides are either fracture filling or diss throughout the unit. Moderate qtz-carb veinlets throughout. These veins generally have diss sulphide throughout them. Unit does not appear to be foliated. Becomes more brecciated from 174-176.5m. From 176.5m to the end of the unit at 196m, less hematite alteration occurs and the unit appears more massive. | E600895 | 150.80 | 151.30 | 0.50 | 0.01 | | |
| | | | E600896 | 151.30 | 152.30 | 1.00 | 0.04 | | |
| | | | E600898 | 152.30 | 153.20 | 0.90 | 0.06 | | |
| | | | E600899 | 153.20 | 154.20 | 1.00 | 0.36 | | |
| | | | E600900 | 154.20 | 154.90 | 0.70 | 0.32 | | |
| | | | E600901 | 154.90 | 155.40 | 0.50 | 0.21 | 0.22 | |
| | | | E600902 | 155.40 | 156.00 | 0.60 | 0.20 | | |
| | | | E600903 | 156.00 | 156.60 | 0.60 | 0.18 | | |
| | | | E600904 | 156.60 | 157.20 | 0.60 | 0.03 | | |
| | | | E600905 | 157.20 | 157.90 | 0.70 | 0.12 | | |
| | | | E600906 | 157.90 | 158.40 | 0.50 | 0.03 | | |
| | | | E600908 | 158.40 | 159.00 | 0.60 | 0.10 | | |
| | | | E600909 | 159.00 | 159.90 | 0.90 | 1.24 | | |
| | | | E600910 | 159.90 | 160.60 | 0.70 | 0.13 | | |
| | | | E600911 | 160.60 | 161.40 | 0.80 | 0.26 | | |
| | | | E600912 | 161.40 | 162.40 | 1.00 | 0.10 | | |
| | | | E600913 | 162.40 | 163.10 | 0.70 | 1.94 | | |
| | | | E600914 | 163.10 | 164.00 | 0.90 | 1.73 | | |
| | | | E600915 | 164.00 | 165.00 | 1.00 | 0.40 | | |
| | | | E600917 | 165.00 | 165.70 | 0.70 | 0.70 | 0.73 | |
| | | | E600918 | 165.70 | 166.70 | 1.00 | 0.47 | | |
| | | | E600919 | 166.70 | 167.60 | 0.90 | 0.03 | | |
| | | | E600920 | 167.60 | 168.60 | 1.00 | 0.03 | | |
| | | | E600921 | 168.60 | 169.40 | 0.80 | 0.36 | | |
| | | | E600922 | 169.40 | 170.40 | 1.00 | 0.03 | | |
| | | | E600923 | 170.40 | 171.10 | 0.70 | 0.07 | | |
| | | | E600924 | 171.10 | 172.00 | 0.90 | 0.02 | | |
| | | | E600925 | 172.00 | 172.80 | 0.80 | 0.00 | | |
| | | | E600926 | 172.80 | 173.50 | 0.70 | 0.02 | | |
| | | | E600928 | 173.50 | 174.40 | 0.90 | 0.03 | | |
| | | | E600929 | 174.40 | 175.00 | 0.60 | 0.02 | | |
| | | | E600930 | 175.00 | 176.00 | 1.00 | 0.01 | | |
| | | | E600931 | 176.00 | 176.50 | 0.50 | 0.03 | | |
| | | | E600932 | 176.50 | 177.00 | 0.50 | 0.47 | | |
| | | | E600933 | 177.00 | 177.80 | 0.80 | 0.37 | 0.33 | |
| | | | E600934 | 177.80 | 178.70 | 0.90 | 0.01 | | |
| | | | E600935 | 178.70 | 179.60 | 0.90 | 0.01 | | |
| | | | E600937 | 179.60 | 180.10 | 0.50 | 0.00 | | |
| | | | E600938 | 180.10 | 180.90 | 0.80 | 0.00 | | |
| | | | E600939 | 180.90 | 181.60 | 0.70 | 0.00 | | |
| | | | E600940 | 181.60 | 182.60 | 1.00 | 0.00 | | |
| | | | E600941 | 182.60 | 183.60 | 1.00 | 0.00 | | |
| | | | E600942 | 183.60 | 184.60 | 1.00 | 0.01 | | |

DETAILED LOG

Hole Number: H14-020

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E600943 | 184.60 | 185.40 | 0.80 | 0.00 | | |
| | | | E600944 | 185.40 | 186.00 | 0.60 | 0.00 | | |
| | | | E600945 | 186.00 | 187.00 | 1.00 | 0.00 | | |
| | | | E600946 | 187.00 | 187.60 | 0.60 | 0.00 | | |
| | | | E600947 | 187.60 | 188.20 | 0.60 | 0.03 | | |
| | | | E600949 | 188.20 | 189.00 | 0.80 | 0.19 | | |
| | | | E600950 | 189.00 | 189.70 | 0.70 | 0.06 | | |
| | | | E600951 | 189.70 | 190.60 | 0.90 | 0.06 | 0.05 | |
| | | | E600952 | 190.60 | 191.60 | 1.00 | 0.03 | | |
| | | | E600953 | 191.60 | 192.40 | 0.80 | 0.18 | | |
| | | | E600954 | 192.40 | 193.00 | 0.60 | 0.16 | | |
| | | | E600955 | 193.00 | 194.00 | 1.00 | 0.01 | | |
| | | | E600956 | 194.00 | 195.00 | 1.00 | 0.00 | | |
| | | | E600958 | 195.00 | 196.00 | 1.00 | 0.45 | | |
| 196.00 | 205.70 | VMX, MAFIC BRECCIA Yellow grey to pinkish grey. Massive to aphanitic matrix. Breccia fragments are subrounded large to <0.5cm in size. No apparent foliation. Hematite and sericite alteration throughout. 1-2% diss sulphide. VG in a silicified zone at 200.6 to 200.7m surrounding the circumference of the core. VG is clustered together in approximately 5 clusters. Red fragments diss from 201-201.2m | E600959 | 196.00 | 196.60 | 0.60 | 10.00 | | 10.90 |
| | | | E600960 | 196.60 | 197.60 | 1.00 | 10.00 | | 9.90 |
| | | | E600961 | 197.60 | 198.40 | 0.80 | 1.19 | | |
| | | | E600962 | 198.40 | 199.30 | 0.90 | 7.62 | | |
| | | | E600963 | 199.30 | 199.90 | 0.60 | 0.58 | | |
| | | | E600964 | 199.90 | 200.50 | 0.60 | 10.00 | | 12.10 |
| | | | E600965 | 200.50 | 201.00 | 0.50 | 10.00 | | 175.00 |
| | | | E600968 | 201.00 | 201.50 | 0.50 | 10.00 | 37.80 | 36.50 |
| | | | E600969 | 201.50 | 202.20 | 0.70 | 3.01 | | |
| | | | E600970 | 202.20 | 203.00 | 0.80 | 7.01 | | |
| | | | E600971 | 203.00 | 203.50 | 0.50 | 0.38 | | |
| | | | E600972 | 203.50 | 204.40 | 0.90 | 0.13 | | |
| | | | E600973 | 204.40 | 204.90 | 0.50 | 0.03 | | |
| | | | E600974 | 204.90 | 205.70 | 0.80 | 0.02 | | |
| 205.70 | 210.30 | VMV, MAFIC VOLCANIC VARIOLITIC Grey to dark reddish grey. Massive to aphanitic matrix. Subrounded varioles diss throughout. Varioles are reddish grey just like the matrix. Minor breccia fragments within the unit. Minor qtz-carb veinlets, all with the same orientation at 40 TCA. tr to 1% diss sulphide. Sharp lower contact at 60 TCA. | E600976 | 205.70 | 206.10 | 0.40 | 0.00 | | |
| | | | E600977 | 206.10 | 207.00 | 0.90 | 0.00 | | |
| | | | E600978 | 207.00 | 207.70 | 0.70 | 0.00 | | |
| | | | E600979 | 207.70 | 208.40 | 0.70 | 0.00 | | |
| | | | E600980 | 208.40 | 209.20 | 0.80 | 0.00 | | |
| | | | E600981 | 209.20 | 209.80 | 0.60 | 0.00 | | |
| | | | E600982 | 209.80 | 210.30 | 0.50 | 0.00 | | |

DETAILED LOG

Hole Number: H14-020

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 210.30 | 218.00 | VMX, MAFIC BRECCIA Grey to greenish grey. Massive to aphanitic matrix. Breccia fragments are subrounded large to <0.5cm in size. No apparent foliation. Hematite and sericite alteration throughout. Moderate qtz-carb veining. 214.2-214.5-appears like spinifex texture. tr-1% diss sulphide. Gradational contact. | E600983 | 210.30 | 210.90 | 0.60 | 0.01 | | |
| | | | E600985 | 210.90 | 211.60 | 0.70 | 0.00 | | |
| | | | E600986 | 211.60 | 212.50 | 0.90 | 0.00 | | |
| | | | E600987 | 212.50 | 213.40 | 0.90 | 0.00 | | |
| | | | E600988 | 213.40 | 214.10 | 0.70 | 0.00 | | |
| | | | E600989 | 214.10 | 214.70 | 0.60 | 0.09 | | |
| | | | E600990 | 214.70 | 215.50 | 0.80 | 0.05 | | |
| | | | E600991 | 215.50 | 216.30 | 0.80 | 0.30 | | |
| | | | E600992 | 216.30 | 216.90 | 0.60 | 0.11 | | |
| | | | E600994 | 216.90 | 217.40 | 0.50 | 0.16 | | |
| | | | E600995 | 217.40 | 218.00 | 0.60 | 0.02 | | |
| 218.00 | 239.80 | VMV, MAFIC VOLCANIC VARIOLITIC As above. Diss sulphide both py and chalcopryrite. tr to 1% within the matrix and 1% within qtz-carb stringers. | E600996 | 218.00 | 219.00 | 1.00 | 0.00 | | |
| | | | E600997 | 219.00 | 219.90 | 0.90 | 0.00 | | |
| | | | E600998 | 219.90 | 220.90 | 1.00 | 0.00 | | |
| | | | E600999 | 220.90 | 221.80 | 0.90 | 0.00 | | |
| | | | E601000 | 221.80 | 222.80 | 1.00 | 0.00 | | |
| | | | E401301 | 222.80 | 223.60 | 0.80 | 0.68 | 0.53 | |
| | | | E401302 | 223.60 | 224.10 | 0.50 | 0.30 | | |
| | | | E401304 | 224.10 | 225.00 | 0.90 | 0.28 | | |
| | | | E401305 | 225.00 | 226.00 | 1.00 | 0.62 | | |
| | | | E401306 | 226.00 | 227.00 | 1.00 | 0.03 | | |
| | | | E401307 | 227.00 | 227.50 | 0.50 | 0.01 | | |
| | | | E401308 | 227.50 | 228.50 | 1.00 | 0.01 | | |
| | | | E401309 | 228.50 | 229.30 | 0.80 | 0.00 | | |
| | | | E401310 | 229.30 | 230.00 | 0.70 | 0.00 | | |
| | | | E401311 | 230.00 | 231.00 | 1.00 | 0.00 | | |
| | | | E401312 | 231.00 | 231.90 | 0.90 | 0.00 | | |
| | | | E401313 | 231.90 | 232.50 | 0.60 | 0.01 | | |
| | | | E401314 | 232.50 | 233.30 | 0.80 | 0.02 | | |
| | | | E401316 | 233.30 | 234.20 | 0.90 | 0.16 | | |
| | | | E401317 | 234.20 | 235.10 | 0.90 | 3.10 | | |
| | | | E401318 | 235.10 | 235.80 | 0.70 | 0.68 | | |
| | | | E401319 | 235.80 | 236.80 | 1.00 | 0.14 | | |
| | | | E401320 | 236.80 | 237.40 | 0.60 | 0.08 | 0.08 | |
| | | | E401321 | 237.40 | 238.20 | 0.80 | 0.01 | | |
| | | | E401322 | 238.20 | 238.90 | 0.70 | 0.01 | | |
| | | | E401323 | 238.90 | 239.80 | 0.90 | 0.43 | | |

Hole Number: H14-020

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 239.80 | 246.70 | VMX, MAFIC BRECCIA Grey to purple grey. Massive to aphanitic matrix. Breccia fragments are mauve/light grey. Unit is also variolitic with subrounded small mm scale varioles diss throughout the unit. tr to 1% diss fg py. No apparent foliation. Minor chlorite fractures. Weak qtz-carb tension veinlets. Hematite and albite altered. Sharp contact at 60 TCA. | E401325 | 239.80 | 240.40 | 0.60 | 0.66 | | |
| | | | E401326 | 240.40 | 241.00 | 0.60 | 1.38 | | |
| | | | E401327 | 241.00 | 242.00 | 1.00 | 0.01 | | |
| | | | E401328 | 242.00 | 243.00 | 1.00 | 0.02 | | |
| | | | E401329 | 243.00 | 244.00 | 1.00 | 0.35 | | |
| | | | E401330 | 244.00 | 244.80 | 0.80 | 0.05 | | |
| | | | E401331 | 244.80 | 245.20 | 0.40 | 0.30 | | |
| | | | E401333 | 245.20 | 246.00 | 0.80 | 0.17 | | |
| | | | E401334 | 246.00 | 246.70 | 0.70 | 0.36 | | |
| 246.70 | 260.00 | VMO, MAFIC VOLCANIC UNDIVIDED Dark grey to reddish grey. Massive to aphanitic. No apparent foliation. Minor qtz-carb veins. Veins are epidote altered for the most part. Sulphides are 1% diss at the top of the unit. Moderately hematite altered. Gradational contact. | E401335 | 246.70 | 247.70 | 1.00 | 0.03 | | |
| | | | E401336 | 247.70 | 248.50 | 0.80 | 0.01 | | |
| | | | E401337 | 248.50 | 249.30 | 0.80 | 0.01 | | |
| | | | E401338 | 249.30 | 249.80 | 0.50 | 0.86 | | |
| | | | E401339 | 249.80 | 250.40 | 0.60 | 0.03 | | |
| | | | E401340 | 250.40 | 250.90 | 0.50 | 0.01 | 0.01 | |
| | | | E401341 | 250.90 | 251.40 | 0.50 | 0.01 | | |
| | | | E401342 | 251.40 | 252.40 | 1.00 | 0.02 | | |
| 260.00 | 300.00 | VMV, MAFIC VOLCANIC VARIOLITIC Grey to dark reddish grey. Massive to aphanitic matrix. Subrounded varioles diss throughout. Varioles are reddish grey just like the matrix. Tr to 1% sulphide. | E401344 | 295.00 | 295.70 | 0.70 | 0.01 | | |
| | | | E401345 | 295.70 | 296.40 | 0.70 | 0.01 | | |
| | | | E401346 | 296.40 | 297.10 | 0.70 | 0.04 | | |
| | | | E401347 | 297.10 | 297.60 | 0.50 | 0.03 | | |
| | | | E401348 | 297.60 | 298.60 | 1.00 | 0.00 | | |
| | | | E401349 | 298.60 | 299.30 | 0.70 | 0.00 | | |
| | | | E401350 | 299.30 | 300.00 | 0.70 | 0.01 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600801 | 69.50 | 70.50 | 0.0000 | | |
| E600802 | 70.50 | 71.00 | 0.0000 | | |
| E600803 | 71.00 | 72.00 | 0.0300 | | |
| E600804 | 72.00 | 73.00 | 0.0000 | | |
| E600805 | 73.00 | 73.80 | 0.0000 | | |
| E600806 | 73.80 | 74.30 | 0.0100 | | |
| E600807 | 74.30 | 74.80 | 0.0500 | | |
| E600808 | 74.80 | 75.30 | 0.0500 | | |
| E600810 | 75.30 | 76.10 | 0.0100 | | |
| E600811 | 76.10 | 76.70 | 0.0900 | | |
| E600812 | 76.70 | 77.30 | 0.0100 | | |
| E600813 | 77.30 | 78.00 | 0.0000 | | |
| E600814 | 78.00 | 78.90 | 0.0100 | | |

Hole Number: H14-020

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600815 | 78.90 | 79.60 | 0.0100 | | |
| E600816 | 79.60 | 80.20 | 0.0100 | | |
| E600817 | 80.20 | 81.00 | 0.0000 | | |
| E600819 | 81.00 | 82.00 | 0.0100 | | |
| E600820 | 82.00 | 83.20 | 0.1700 | | |
| E600821 | 83.20 | 83.90 | 0.2000 | | |
| E600822 | 83.90 | 84.50 | 0.0400 | | |
| E600823 | 84.50 | 85.20 | 0.1500 | | |
| E600824 | 85.20 | 86.00 | 0.0000 | | |
| E600825 | 86.00 | 87.00 | 0.0000 | | |
| E600826 | 87.00 | 87.80 | 0.0100 | | |
| E600828 | 87.80 | 89.00 | 0.0000 | | |
| E600829 | 89.00 | 90.00 | 0.0000 | | |
| E600830 | 90.00 | 91.00 | 0.0000 | | |
| E600831 | 91.00 | 91.90 | 0.0000 | | |
| E600832 | 91.90 | 92.60 | 0.0100 | | |
| E600833 | 92.60 | 93.30 | 0.0100 | | |
| E600834 | 93.30 | 93.90 | 0.0000 | | |
| E600835 | 93.90 | 94.70 | 0.0100 | | |
| E600836 | 94.70 | 95.90 | 0.0100 | | |
| E600838 | 95.90 | 96.50 | 0.0100 | | |
| E600839 | 96.50 | 97.50 | 0.0000 | | |
| E600840 | 97.50 | 98.70 | 0.0000 | | |
| E600841 | 98.70 | 99.30 | 0.0000 | | |
| E600842 | 99.30 | 100.60 | 0.0000 | | |
| E600843 | 112.30 | 113.30 | 0.0000 | | |
| E600844 | 113.30 | 113.80 | 0.0100 | | |
| E600845 | 113.80 | 114.90 | 0.0100 | | |
| E600846 | 114.90 | 116.10 | 0.0000 | | |
| E600848 | 116.10 | 116.60 | 0.0000 | | |
| E600849 | 116.60 | 117.30 | 0.0000 | | |
| E600850 | 117.30 | 117.90 | 0.0000 | | |
| E600851 | 117.90 | 119.00 | 0.0300 | 0.0261 | |
| E600852 | 119.00 | 120.00 | 0.0500 | | |
| E600853 | 120.00 | 120.80 | 0.0300 | | |
| E600854 | 120.80 | 121.70 | 0.0100 | | |
| E600855 | 121.70 | 122.60 | 0.0100 | | |
| E600856 | 122.60 | 123.20 | 0.0700 | | |
| E600857 | 123.20 | 124.10 | 0.0000 | | |

Hole Number: H14-020

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600859 | 124.10 | 124.80 | 0.0400 | | |
| E600860 | 124.80 | 125.80 | 0.1800 | | |
| E600861 | 125.80 | 126.80 | 0.2300 | | |
| E600862 | 126.80 | 127.60 | 0.1500 | | |
| E600863 | 127.60 | 128.90 | 0.1500 | | |
| E600864 | 128.90 | 129.80 | 0.0300 | | |
| E600865 | 129.80 | 130.50 | 0.0200 | | |
| E600866 | 130.50 | 131.10 | 0.0200 | 0.0490 | |
| E600868 | 131.10 | 131.80 | 0.0200 | | |
| E600869 | 131.80 | 132.40 | 1.4800 | | |
| E600870 | 132.40 | 133.00 | 0.1400 | | |
| E600871 | 133.00 | 133.90 | 1.5900 | | |
| E600872 | 133.90 | 134.50 | 0.1100 | | |
| E600873 | 134.50 | 136.00 | 0.0200 | | |
| E600874 | 136.00 | 136.60 | 0.0100 | | |
| E600875 | 136.60 | 137.10 | 0.0600 | | |
| E600877 | 137.10 | 137.70 | 0.0500 | | |
| E600878 | 137.70 | 138.20 | 0.0300 | | |
| E600879 | 138.20 | 138.90 | 0.0200 | | |
| E600880 | 138.90 | 139.50 | 0.0300 | | |
| E600881 | 139.50 | 140.20 | 0.0200 | | |
| E600882 | 140.20 | 141.10 | 0.2100 | | |
| E600883 | 141.10 | 141.70 | 0.0700 | 0.0620 | |
| E600884 | 141.70 | 142.50 | 1.8900 | | |
| E600885 | 142.50 | 143.10 | 1.4200 | | |
| E600886 | 143.10 | 144.00 | 5.2000 | | |
| E600887 | 144.00 | 145.00 | 0.0700 | | |
| E600889 | 145.00 | 146.00 | 0.1600 | | |
| E600890 | 146.00 | 147.00 | 1.8100 | | |
| E600891 | 147.00 | 148.00 | 0.0200 | | |
| E600892 | 148.00 | 149.00 | 0.1400 | | |
| E600893 | 149.00 | 150.00 | 0.6100 | | |
| E600894 | 150.00 | 150.80 | 0.0100 | | |
| E600895 | 150.80 | 151.30 | 0.0100 | | |
| E600896 | 151.30 | 152.30 | 0.0400 | | |
| E600898 | 152.30 | 153.20 | 0.0600 | | |
| E600899 | 153.20 | 154.20 | 0.3600 | | |
| E600900 | 154.20 | 154.90 | 0.3200 | | |
| E600901 | 154.90 | 155.40 | 0.2100 | 0.2190 | |

Hole Number: H14-020

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600902 | 155.40 | 156.00 | 0.2000 | | |
| E600903 | 156.00 | 156.60 | 0.1800 | | |
| E600904 | 156.60 | 157.20 | 0.0300 | | |
| E600905 | 157.20 | 157.90 | 0.1200 | | |
| E600906 | 157.90 | 158.40 | 0.0300 | | |
| E600908 | 158.40 | 159.00 | 0.1000 | | |
| E600909 | 159.00 | 159.90 | 1.2400 | | |
| E600910 | 159.90 | 160.60 | 0.1300 | | |
| E600911 | 160.60 | 161.40 | 0.2600 | | |
| E600912 | 161.40 | 162.40 | 0.1000 | | |
| E600913 | 162.40 | 163.10 | 1.9400 | | |
| E600914 | 163.10 | 164.00 | 1.7300 | | |
| E600915 | 164.00 | 165.00 | 0.4000 | | |
| E600917 | 165.00 | 165.70 | 0.7000 | 0.7330 | |
| E600918 | 165.70 | 166.70 | 0.4700 | | |
| E600919 | 166.70 | 167.60 | 0.0300 | | |
| E600920 | 167.60 | 168.60 | 0.0300 | | |
| E600921 | 168.60 | 169.40 | 0.3600 | | |
| E600922 | 169.40 | 170.40 | 0.0300 | | |
| E600923 | 170.40 | 171.10 | 0.0700 | | |
| E600924 | 171.10 | 172.00 | 0.0200 | | |
| E600925 | 172.00 | 172.80 | 0.0000 | | |
| E600926 | 172.80 | 173.50 | 0.0200 | | |
| E600928 | 173.50 | 174.40 | 0.0300 | | |
| E600929 | 174.40 | 175.00 | 0.0200 | | |
| E600930 | 175.00 | 176.00 | 0.0100 | | |
| E600931 | 176.00 | 176.50 | 0.0300 | | |
| E600932 | 176.50 | 177.00 | 0.4700 | | |
| E600933 | 177.00 | 177.80 | 0.3700 | 0.3260 | |
| E600934 | 177.80 | 178.70 | 0.0100 | | |
| E600935 | 178.70 | 179.60 | 0.0100 | | |
| E600937 | 179.60 | 180.10 | 0.0000 | | |
| E600938 | 180.10 | 180.90 | 0.0000 | | |
| E600939 | 180.90 | 181.60 | 0.0000 | | |
| E600940 | 181.60 | 182.60 | 0.0000 | | |
| E600941 | 182.60 | 183.60 | 0.0000 | | |
| E600942 | 183.60 | 184.60 | 0.0100 | | |
| E600943 | 184.60 | 185.40 | 0.0000 | | |
| E600944 | 185.40 | 186.00 | 0.0000 | | |

Hole Number: H14-O20

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600945 | 186.00 | 187.00 | 0.0000 | | |
| E600946 | 187.00 | 187.60 | 0.0000 | | |
| E600947 | 187.60 | 188.20 | 0.0300 | | |
| E600949 | 188.20 | 189.00 | 0.1900 | | |
| E600950 | 189.00 | 189.70 | 0.0600 | | |
| E600951 | 189.70 | 190.60 | 0.0600 | 0.0510 | |
| E600952 | 190.60 | 191.60 | 0.0300 | | |
| E600953 | 191.60 | 192.40 | 0.1800 | | |
| E600954 | 192.40 | 193.00 | 0.1600 | | |
| E600955 | 193.00 | 194.00 | 0.0100 | | |
| E600956 | 194.00 | 195.00 | 0.0000 | | |
| E600958 | 195.00 | 196.00 | 0.4500 | | |
| E600959 | 196.00 | 196.60 | 10.0000 | | 10.9000 |
| E600960 | 196.60 | 197.60 | 10.0000 | | 9.9000 |
| E600961 | 197.60 | 198.40 | 1.1900 | | |
| E600962 | 198.40 | 199.30 | 7.6200 | | |
| E600963 | 199.30 | 199.90 | 0.5800 | | |
| E600964 | 199.90 | 200.50 | 10.0000 | | 12.1000 |
| E600965 | 200.50 | 201.00 | 10.0000 | | 175.0000 |
| E600968 | 201.00 | 201.50 | 10.0000 | 37.8000 | 36.5000 |
| E600969 | 201.50 | 202.20 | 3.0100 | | |
| E600970 | 202.20 | 203.00 | 7.0100 | | |
| E600971 | 203.00 | 203.50 | 0.3800 | | |
| E600972 | 203.50 | 204.40 | 0.1300 | | |
| E600973 | 204.40 | 204.90 | 0.0300 | | |
| E600974 | 204.90 | 205.70 | 0.0200 | | |
| E600976 | 205.70 | 206.10 | 0.0000 | | |
| E600977 | 206.10 | 207.00 | 0.0000 | | |
| E600978 | 207.00 | 207.70 | 0.0000 | | |
| E600979 | 207.70 | 208.40 | 0.0000 | | |
| E600980 | 208.40 | 209.20 | 0.0000 | | |
| E600981 | 209.20 | 209.80 | 0.0000 | | |
| E600982 | 209.80 | 210.30 | 0.0000 | | |
| E600983 | 210.30 | 210.90 | 0.0100 | | |
| E600985 | 210.90 | 211.60 | 0.0000 | | |
| E600986 | 211.60 | 212.50 | 0.0000 | | |
| E600987 | 212.50 | 213.40 | 0.0000 | | |
| E600988 | 213.40 | 214.10 | 0.0000 | | |
| E600989 | 214.10 | 214.70 | 0.0900 | | |

Hole Number: H14-O20

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600990 | 214.70 | 215.50 | 0.0500 | | |
| E600991 | 215.50 | 216.30 | 0.3000 | | |
| E600992 | 216.30 | 216.90 | 0.1100 | | |
| E600994 | 216.90 | 217.40 | 0.1600 | | |
| E600995 | 217.40 | 218.00 | 0.0200 | | |
| E600996 | 218.00 | 219.00 | 0.0000 | | |
| E600997 | 219.00 | 219.90 | 0.0000 | | |
| E600998 | 219.90 | 220.90 | 0.0000 | | |
| E600999 | 220.90 | 221.80 | 0.0000 | | |
| E601000 | 221.80 | 222.80 | 0.0000 | | |
| E401301 | 222.80 | 223.60 | 0.6800 | 0.5250 | |
| E401302 | 223.60 | 224.10 | 0.3040 | | |
| E401304 | 224.10 | 225.00 | 0.2810 | | |
| E401305 | 225.00 | 226.00 | 0.6190 | | |
| E401306 | 226.00 | 227.00 | 0.0250 | | |
| E401307 | 227.00 | 227.50 | 0.0070 | | |
| E401308 | 227.50 | 228.50 | 0.0070 | | |
| E401309 | 228.50 | 229.30 | 0.0030 | | |
| E401310 | 229.30 | 230.00 | 0.0030 | | |
| E401311 | 230.00 | 231.00 | 0.0030 | | |
| E401312 | 231.00 | 231.90 | 0.0020 | | |
| E401313 | 231.90 | 232.50 | 0.0110 | | |
| E401314 | 232.50 | 233.30 | 0.0170 | | |
| E401316 | 233.30 | 234.20 | 0.1570 | | |
| E401317 | 234.20 | 235.10 | 3.1000 | | |
| E401318 | 235.10 | 235.80 | 0.6810 | | |
| E401319 | 235.80 | 236.80 | 0.1410 | | |
| E401320 | 236.80 | 237.40 | 0.0810 | 0.0830 | |
| E401321 | 237.40 | 238.20 | 0.0060 | | |
| E401322 | 238.20 | 238.90 | 0.0110 | | |
| E401323 | 238.90 | 239.80 | 0.4340 | | |
| E401325 | 239.80 | 240.40 | 0.6560 | | |
| E401326 | 240.40 | 241.00 | 1.3800 | | |
| E401327 | 241.00 | 242.00 | 0.0120 | | |
| E401328 | 242.00 | 243.00 | 0.0220 | | |
| E401329 | 243.00 | 244.00 | 0.3520 | | |
| E401330 | 244.00 | 244.80 | 0.0510 | | |
| E401331 | 244.80 | 245.20 | 0.2980 | | |
| E401333 | 245.20 | 246.00 | 0.1730 | | |

Hole Number: H14-020

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401334 | 246.00 | 246.70 | 0.3600 | | |
| E401335 | 246.70 | 247.70 | 0.0310 | | |
| E401336 | 247.70 | 248.50 | 0.0140 | | |
| E401337 | 248.50 | 249.30 | 0.0060 | | |
| E401338 | 249.30 | 249.80 | 0.8560 | | |
| E401339 | 249.80 | 250.40 | 0.0280 | | |
| E401340 | 250.40 | 250.90 | 0.0120 | 0.0092 | |
| E401341 | 250.90 | 251.40 | 0.0060 | | |
| E401342 | 251.40 | 252.40 | 0.0160 | | |
| E401344 | 295.00 | 295.70 | 0.0100 | | |
| E401345 | 295.70 | 296.40 | 0.0060 | | |
| E401346 | 296.40 | 297.10 | 0.0360 | | |
| E401347 | 297.10 | 297.60 | 0.0340 | | |
| E401348 | 297.60 | 298.60 | 0.0040 | | |
| E401349 | 298.60 | 299.30 | 0.0040 | | |
| E401350 | 299.30 | 300.00 | 0.0060 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| | 0 |
| HCO | 42.20 |
| VMV | 42.20 |
| VMX | 51.70 |
| VMX | 51.70 |
| VMO | 90.00 |
| VMO | 90.00 |
| VMX | 136.20 |
| VMX | 136.20 |
| VMO | 162.40 |
| VMO | 162.40 |
| VMX | 182.80 |
| VMX | 182.80 |
| VMO | 185.10 |
| VMO | 185.10 |
| VMX | 200.00 |
| VMX | 200.00 |
| VMV | 220.50 |
| VMV | 220.50 |
| VMX | 230.80 |
| VMX | 230.80 |
| VMV | 244.10 |
| VMV | 244.10 |
| VMX | 282.10 |
| VMX | 282.10 |
| VMX | 326.40 |
| VMV | 326.40 |
| VMV | 328.50 |

| | | |
|---|---------------------------|---|
| Hole No: H14-021 | Hole Type: Explor | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: L23129 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 328.50 |
| Azimuth Dec: 213.00 Dip Dec: -48.00 | | |
| Collar Survey: <input type="checkbox"/> Pulse Em Survey: <input type="checkbox"/> Multi Shot Survey: <input type="checkbox"/> | | |
| Making Water: <input type="checkbox"/> Is Hole Plugged: <input type="checkbox"/> Is Cemented: <input type="checkbox"/> | | |
| Contractor: Orbit Garant | | Start Date: Aug 14, 2014 Completed: Aug 21, 2014 |
| Logged By: ssanderson | | Entered On: Sep 06, 2014 |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372150.000000 | 552000.000000 | 300.0000 | UTM: | | | | |

Amanda McDonald

DETAILED LOG

Hole Number: H14-021

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -48.00 |
| Project Number: HISLOP | North: 5372150.00 | North: | Collar Az: 213.00 |
| Location: Hislop Township | East: 552000.00 | East: | Length: 328.50 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Aug 14, 2014 | Collar Survey: N | Plugged: N | Contractor: Orbit Garant |
| Date Completed: Aug 21, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 328.50 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|-----------------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 212.70 | -48.40 | EZ Sho | OK | used first test | 66.00 | 212.70 | -48.40 | EZ Sho | OK | |
| 99.00 | 212.40 | -47.90 | EZ Sho | OK | | 150.00 | 216.60 | -47.80 | EZ Sho | OK | |
| 201.00 | 219.90 | -47.20 | EZ Sho | OK | | 249.00 | 205.50 | -46.50 | EZ Sho | DO | |
| 300.00 | 217.60 | -46.40 | EZ Sho | OK | | 329.00 | 218.90 | -46.20 | EZ Sho | OK | |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|-------|--|---------------|------|----|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 42.20 | HCO, CASING | | | | | | | |
| 42.20 | 51.70 | VMV, MAFIC VOLCANIC VARIOLITIC Dark grey to reddish grey. Massive to aphanitic matrix. Subrounded flattened varioles towards the end of the unit. Hematite altered and becomes more epidote altered going down hole. Minor qtz-carb veinlets. Moderately magnetic. | | | | | | | |

Hole Number: H14-021

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 51.70 | 90.00 | VMX, MAFIC BRECCIA Pinkish grey to greenish grey. Unit is more of a variolitic breccia. Matrix is fine grained to aphanitic. Breccia fragments are silica albite possibly some kspar alteration. Alteration changes down hole to epidote altered. Varioles are subrounded and diss throughout the unit. Unit ins chlorite factures. Tr diss sulphide, localized in clusters and ff. Minor qtz-carb veinlets. Veins become more abundant towards the contact. No apparent foliation. Sharp contact, contact is a fault at 50 TCA. | E401351 | 67.30 | 68.30 | 1.00 | 0.00 | | |
| | | | E401352 | 68.30 | 68.80 | 0.50 | 0.01 | | |
| | | | E401353 | 68.80 | 69.50 | 0.70 | 0.00 | | |
| | | | E401354 | 69.50 | 70.00 | 0.50 | 0.69 | | |
| | | | E401355 | 70.00 | 71.00 | 1.00 | 0.00 | | |
| | | | E401356 | 78.60 | 79.10 | 0.50 | 0.01 | | |
| | | | E401358 | 79.10 | 79.60 | 0.50 | 0.01 | | |
| | | | E401359 | 79.60 | 80.40 | 0.80 | 0.03 | | |
| | | | E401360 | 80.40 | 81.00 | 0.60 | 0.00 | | |
| | | | E401361 | 81.00 | 81.60 | 0.60 | 0.15 | | |
| | | | E401362 | 81.60 | 82.50 | 0.90 | 0.01 | | |
| | | | E401363 | 82.50 | 83.20 | 0.70 | 0.05 | | |
| | | | E401364 | 83.20 | 84.00 | 0.80 | 0.01 | | |
| | | | E401365 | 84.00 | 84.90 | 0.90 | 0.01 | | |
| | | | E401367 | 84.90 | 85.50 | 0.60 | 0.01 | | |
| | | | E401368 | 85.50 | 86.00 | 0.50 | 0.02 | 0.02 | |
| | | | E401369 | 86.00 | 87.00 | 1.00 | 0.00 | | |
| | | | E401370 | 87.00 | 87.80 | 0.80 | 0.01 | | |
| | | | E401371 | 87.80 | 88.30 | 0.50 | 0.13 | | |
| | | | E401372 | 88.30 | 88.90 | 0.60 | 0.03 | | |
| | | | E401373 | 88.90 | 89.50 | 0.60 | 0.04 | | |
| | | | E401374 | 89.50 | 90.00 | 0.50 | 0.04 | | |

DETAILED LOG

Hole Number: H14-021

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 90.00 | 136.20 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to greenish grey with patches of pinkish/red throughout the unit. Massive to aphanitic. mg-cg brownish yellow leucoxene crystals diss throughout the unit. Minor breccia fragments. Minor qtz-carb veinlets. tr diss sulphide. Unit is magnetic. MINOR INTERVALS: Minor Interval: 132.70 - 133.30 VMX, MAFIC BRECCIA | E401376 | 90.00 | 91.00 | 1.00 | 0.00 | | |
| | | | E401377 | 91.00 | 91.70 | 0.70 | 0.01 | | |
| | | | E401378 | 91.70 | 92.20 | 0.50 | 0.01 | | |
| | | | E401379 | 92.20 | 93.20 | 1.00 | 0.00 | | |
| | | | E401380 | 107.00 | 107.50 | 0.50 | 0.00 | | |
| | | | E401381 | 107.50 | 108.00 | 0.50 | 0.03 | | |
| | | | E401382 | 108.00 | 108.80 | 0.80 | 0.02 | | |
| | | | E401383 | 108.80 | 109.30 | 0.50 | 0.01 | 0.03 | |
| | | | E401385 | 109.30 | 110.00 | 0.70 | 0.00 | | |
| | | | E401386 | 110.00 | 111.00 | 1.00 | 0.01 | | |
| | | | E401387 | 111.00 | 111.50 | 0.50 | 0.00 | | |
| | | | E401388 | 111.50 | 112.30 | 0.80 | 0.00 | | |
| | | | E401389 | 112.30 | 112.80 | 0.50 | 0.00 | | |
| | | | E401390 | 112.80 | 113.80 | 1.00 | 0.02 | | |
| | | | E401391 | 123.30 | 124.30 | 1.00 | 0.00 | | |
| | | | E401392 | 124.30 | 124.80 | 0.50 | 0.00 | | |
| | | | E401394 | 124.80 | 125.50 | 0.70 | 0.01 | | |
| | | | E401395 | 125.50 | 126.10 | 0.60 | 0.00 | | |
| | | | E401396 | 126.10 | 126.90 | 0.80 | 0.03 | | |
| | | | E401397 | 126.90 | 127.90 | 1.00 | 0.00 | | |
| | | | E401398 | 127.90 | 128.60 | 0.70 | 0.00 | | |
| | | | E401399 | 128.60 | 129.10 | 0.50 | 0.00 | | |
| | | | E401400 | 129.10 | 129.90 | 0.80 | 0.06 | | |
| | | | E401401 | 129.90 | 130.70 | 0.80 | 0.00 | 0.00 | |
| | | | E401403 | 130.70 | 131.40 | 0.70 | 0.00 | | |
| | | | E401404 | 131.40 | 132.00 | 0.60 | 0.00 | | |
| | | | E401405 | 132.00 | 132.70 | 0.70 | 0.00 | | |
| | | | E401406 | 132.70 | 133.30 | 0.60 | 0.00 | | |
| | | | E401407 | 133.30 | 133.80 | 0.50 | 0.00 | | |
| | | | E401408 | 133.80 | 134.00 | 0.20 | 0.00 | | |
| 136.20 | 162.40 | VMX, MAFIC BRECCIA Pinkish grey to greenish grey. Unit is more of a variolitic breccia. Matrix is fine grained to aphanitic. Breccia fragments are silica albite. Minor qtz-carb veining, a large anastamizing qtz-carb vein from 144.3 to 145m. and minor qtz breccia veining. tr diss sulphides. Sulphides become more abundant down hole. patchy hematite alteration, epidote alteration is associated with qtz stringers. | E401409 | 142.70 | 143.70 | 1.00 | 0.00 | | |
| | | | E401410 | 143.70 | 144.20 | 0.50 | 0.00 | | |
| | | | E401412 | 144.20 | 145.10 | 0.90 | 0.00 | | |
| | | | E401413 | 145.10 | 146.00 | 0.90 | 0.00 | | |
| | | | E401414 | 146.00 | 147.00 | 1.00 | 0.00 | | |

DETAILED LOG

Hole Number: H14-021

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 162.40 | 182.80 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to greenish grey with patches of pinkish/red throughout the unit. Massive to aphanitic. Minor breccia fragments. Minor qtz-carb veinlets, tension veins. tr diss sulphide. 166.9-167.7 unit appears foliated or possibly sheared. Sulphides are abundant and disseminated parallel to the foliation. Foliation is at 40 TCA. Unit is magnetic. | E401415 | 165.50 | 166.40 | 0.90 | 0.00 | | |
| | | | E401416 | 166.40 | 166.90 | 0.50 | 0.01 | | |
| | | | E401417 | 166.90 | 167.50 | 0.60 | 0.03 | | |
| | | | E401418 | 167.50 | 168.00 | 0.50 | 0.01 | | |
| | | | E401419 | 168.00 | 169.00 | 1.00 | 0.07 | | |
| | | | E401421 | 169.00 | 170.00 | 1.00 | 0.02 | | |
| | | | E401422 | 170.00 | 170.90 | 0.90 | 0.02 | | |
| | | | E401423 | 170.90 | 171.70 | 0.80 | 0.03 | | |
| | | | E401424 | 171.70 | 172.70 | 1.00 | 0.00 | | |
| | | | E401425 | 172.70 | 173.50 | 0.80 | 0.00 | | |
| | | | E401426 | 173.50 | 174.00 | 0.50 | 0.00 | | |
| | | | E401427 | 174.00 | 174.90 | 0.90 | 0.00 | | |
| | | | E401428 | 174.90 | 175.70 | 0.80 | 0.00 | | |
| | | | E401430 | 175.70 | 176.50 | 0.80 | 0.01 | | |
| | | | E401431 | 176.50 | 177.40 | 0.90 | 0.01 | | |
| | | | E401432 | 177.40 | 178.30 | 0.90 | 0.00 | | |
| | | | E401433 | 178.30 | 179.00 | 0.70 | 0.01 | | |
| | | | E401434 | 179.00 | 180.00 | 1.00 | 0.00 | | |
| | | | E401435 | 180.00 | 180.90 | 0.90 | 0.00 | | |
| | | | E401436 | 180.90 | 181.90 | 1.00 | 0.00 | | |
| | | | E401437 | 181.90 | 182.80 | 0.90 | 0.02 | | |
| 182.80 | 185.10 | VMX, MAFIC BRECCIA as above. | E401439 | 182.80 | 183.60 | 0.80 | 0.71 | | |
| | | | E401440 | 183.60 | 184.30 | 0.70 | 0.74 | | |
| | | | E401441 | 184.30 | 185.10 | 0.80 | 0.42 | | |
| 185.10 | 200.00 | VMO, MAFIC VOLCANIC UNDIVIDED As above. MINOR INTERVALS: Minor Interval: 193.00 - 193.50 VMX, MAFIC BRECCIA | E401442 | 185.10 | 186.20 | 1.10 | 0.42 | | |
| | | | E401443 | 186.20 | 187.20 | 1.00 | 0.01 | | |
| | | | E401444 | 187.20 | 188.20 | 1.00 | 0.01 | | |
| | | | E401445 | 188.20 | 189.20 | 1.00 | 0.01 | | |
| | | | E401446 | 189.20 | 190.20 | 1.00 | 0.00 | | |
| | | | E401447 | 190.20 | 191.20 | 1.00 | 0.00 | | |
| | | | E401448 | 191.20 | 192.20 | 1.00 | 0.00 | | |
| | | | E401450 | 192.20 | 193.00 | 0.80 | 0.02 | | |
| | | | E401451 | 193.00 | 193.50 | 0.50 | 0.02 | 0.03 | |
| | | | E401452 | 193.50 | 194.50 | 1.00 | 0.00 | | |
| | | | E401453 | 194.50 | 195.50 | 1.00 | 0.00 | | |
| | | | E401454 | 195.50 | 196.50 | 1.00 | 0.00 | | |
| | | | E401455 | 196.50 | 197.50 | 1.00 | 0.00 | | |
| | | | E401456 | 197.50 | 198.50 | 1.00 | 0.00 | | |
| | | | E401457 | 198.50 | 199.50 | 1.00 | 0.01 | | |
| | | | E401459 | 199.50 | 200.00 | 0.50 | 0.03 | | |

DETAILED LOG

Hole Number: H14-021

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 200.00 | 220.50 | VMX, MAFIC BRECCIA As above. Carb-qtz veining is more abundant. veins appear to be both sheared and extenstional. They are white to pinkish white. Unit becomes more silicified towards the end of the unit. It is harder to scratch. 1-2% diss sulphide. Sulphide is also fracture filling. Hematite alteration is predominant. | E401460 | 200.00 | 200.90 | 0.90 | 0.01 | | |
| | | | E401461 | 200.90 | 201.70 | 0.80 | 0.00 | | |
| | | | E401462 | 201.70 | 202.40 | 0.70 | 0.01 | | |
| | | | E401463 | 202.40 | 203.00 | 0.60 | 0.00 | | |
| | | | E401464 | 203.00 | 204.00 | 1.00 | 0.00 | | |
| | | | E401465 | 204.00 | 204.60 | 0.60 | 0.00 | | |
| | | | E401466 | 204.60 | 205.60 | 1.00 | 0.00 | | |
| | | | E401468 | 205.60 | 206.30 | 0.70 | 0.01 | 0.00 | |
| | | | E401469 | 206.30 | 207.10 | 0.80 | 0.00 | | |
| | | | E401470 | 207.10 | 207.80 | 0.70 | 0.01 | | |
| | | | E401471 | 207.80 | 208.30 | 0.50 | 0.00 | | |
| | | | E401472 | 208.30 | 209.20 | 0.90 | 0.00 | | |
| | | | E401473 | 209.20 | 210.00 | 0.80 | 0.00 | | |
| | | | E401474 | 210.00 | 211.00 | 1.00 | 0.00 | | |
| | | | E401475 | 211.00 | 211.50 | 0.50 | 0.01 | | |
| | | | E401477 | 211.50 | 212.50 | 1.00 | 0.01 | | |
| | | | E401478 | 212.50 | 213.40 | 0.90 | 0.01 | | |
| | | | E401479 | 213.40 | 214.00 | 0.60 | 0.00 | | |
| | | | E401480 | 214.00 | 215.00 | 1.00 | 0.00 | | |
| | | | E401481 | 215.00 | 216.00 | 1.00 | 0.00 | | |
| | | | E401482 | 216.00 | 216.70 | 0.70 | 0.01 | | |
| | | | E401483 | 216.70 | 217.30 | 0.60 | 0.01 | 0.01 | |
| | | | E401484 | 217.30 | 217.90 | 0.60 | 0.16 | | |
| | | | E401486 | 217.90 | 218.90 | 1.00 | 0.18 | | |
| | | | E401487 | 218.90 | 219.60 | 0.70 | 0.01 | | |
| | | | E401488 | 219.60 | 220.50 | 0.90 | 0.02 | | |
| 220.50 | 230.80 | VMV, MAFIC VOLCANIC VARIOLITIC Dark grey to dark reddish grey. Massive to aphanitic. Varioles are subrounded and mostly hematitic. Minor qtz-carb veinlets, tr diss py. Some veinlets are pinkish and vuggy. Hematite altered. | E401489 | 220.50 | 221.20 | 0.70 | 0.03 | | |
| | | | E401490 | 221.20 | 222.50 | 1.30 | 0.00 | | |
| | | | E401491 | 222.50 | 223.30 | 0.80 | 0.02 | | |
| | | | E401492 | 223.30 | 224.00 | 0.70 | 0.00 | | |
| | | | E401493 | 224.00 | 224.80 | 0.80 | 0.03 | | |
| | | | E401494 | 224.80 | 225.50 | 0.70 | 0.01 | | |
| | | | E401495 | 225.50 | 226.30 | 0.80 | 0.07 | | |
| | | | E401497 | 226.30 | 227.20 | 0.90 | 0.02 | | |
| | | | E401498 | 227.20 | 228.00 | 0.80 | 0.01 | | |
| | | | E401499 | 228.00 | 229.00 | 1.00 | 0.01 | | |
| | | | E401500 | 229.00 | 230.00 | 1.00 | 0.00 | | |
| | | | E600201 | 230.00 | 230.80 | 0.80 | 0.01 | | |

DETAILED LOG

Hole Number: H14-O21

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 230.80 | 244.10 | VMX, MAFIC BRECCIA As above. Epidote altered, not as much hematite alteration. Qtz-carb veining throughout. 1-2% diss sulphide, ff. | E600202 | 230.80 | 231.60 | 0.80 | 0.01 | | |
| | | | E600203 | 231.60 | 232.10 | 0.50 | 0.01 | | |
| | | | E600204 | 232.10 | 233.00 | 0.90 | 0.01 | | |
| | | | E600206 | 233.00 | 233.90 | 0.90 | 0.01 | | |
| | | | E600207 | 233.90 | 234.40 | 0.50 | 0.15 | | |
| | | | E600208 | 234.40 | 234.90 | 0.50 | 0.01 | | |
| | | | E600209 | 234.90 | 235.40 | 0.50 | 0.06 | | |
| | | | E600210 | 235.40 | 236.00 | 0.60 | 0.01 | | |
| | | | E600211 | 236.00 | 236.70 | 0.70 | 0.02 | | |
| | | | E600212 | 236.70 | 237.40 | 0.70 | 0.22 | | |
| | | | E600213 | 237.40 | 238.00 | 0.60 | 0.01 | | |
| | | | E600215 | 238.00 | 238.50 | 0.50 | 0.02 | | |
| | | | E600216 | 238.50 | 239.00 | 0.50 | 0.04 | | |
| | | | E600217 | 239.00 | 239.50 | 0.50 | 0.03 | | |
| | | | E600218 | 239.50 | 240.00 | 0.50 | 0.01 | | |
| | | | E600219 | 240.00 | 240.60 | 0.60 | 0.01 | | |
| | | | E600220 | 240.60 | 241.40 | 0.80 | 0.06 | | |
| | | | E600221 | 241.40 | 242.10 | 0.70 | 0.07 | | |
| | | | E600222 | 242.10 | 243.10 | 1.00 | 0.42 | | |
| | | | E600224 | 243.10 | 243.60 | 0.50 | 2.04 | | |
| | | | E600225 | 243.60 | 244.10 | 0.50 | 0.01 | | |
| 244.10 | 282.10 | VMV, MAFIC VOLCANIC VARIOLITIC As above. Minor breccia fragments. tr to 1% diss sulphide, some sulphide diss in veinlets. Hematite altered. Minor qtz-carb veinlets. Localized qtz breccia vein within a brecciated zone. 259.8 to 262m | E600226 | 244.10 | 244.60 | 0.50 | 0.00 | | |
| | | | E600227 | 244.60 | 245.60 | 1.00 | 0.00 | | |
| | | | E600228 | 258.30 | 259.30 | 1.00 | 0.00 | | |
| | | | E600229 | 259.30 | 259.80 | 0.50 | 0.01 | | |
| | | | E600230 | 259.80 | 260.30 | 0.50 | 0.00 | | |
| | | | E600231 | 260.30 | 260.80 | 0.50 | 0.00 | | |
| | | | E600233 | 260.80 | 261.30 | 0.50 | 0.01 | | |
| | | | E600234 | 261.30 | 262.30 | 1.00 | 0.16 | | |
| | | | E600235 | 281.00 | 282.00 | 1.00 | 0.05 | | |
| | | | E600236 | 282.00 | 282.90 | 0.90 | 0.29 | | |
| 282.10 | 326.40 | VMX, MAFIC BRECCIA Variolitic breccia. Buff to pinkish in colour. Massive to aphanitic grey to medium grey matrix. Minor qtz veinlets and minor diss sulphides. Albite/silica altered. Minor chlorite fractures. | E600237 | 282.90 | 283.50 | 0.60 | 0.27 | | |
| | | | E600238 | 283.50 | 284.00 | 0.50 | 0.01 | | |
| | | | E600239 | 284.00 | 285.00 | 1.00 | 0.01 | | |
| | | | E600240 | 294.20 | 294.90 | 0.70 | 0.09 | | |
| | | | E600242 | 294.90 | 295.40 | 0.50 | 0.59 | | |
| | | | E600243 | 295.40 | 296.10 | 0.70 | 1.00 | | |
| | | | E600244 | 296.10 | 296.70 | 0.60 | 1.15 | | |
| | | | E600245 | 296.70 | 297.50 | 0.80 | 1.92 | | |
| | | | E600246 | 297.50 | 298.10 | 0.60 | 1.28 | | |
| | | | E600247 | 298.10 | 299.10 | 1.00 | 0.40 | | |
| 326.40 | 328.50 | VMV, MAFIC VOLCANIC VARIOLITIC As above. | | | | | | | |

Hole Number: H14-O21

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401351 | 67.30 | 68.30 | 0.0000 | | |
| E401352 | 68.30 | 68.80 | 0.0100 | | |
| E401353 | 68.80 | 69.50 | 0.0000 | | |
| E401354 | 69.50 | 70.00 | 0.6900 | | |
| E401355 | 70.00 | 71.00 | 0.0000 | | |
| E401356 | 78.60 | 79.10 | 0.0100 | | |
| E401358 | 79.10 | 79.60 | 0.0100 | | |
| E401359 | 79.60 | 80.40 | 0.0300 | | |
| E401360 | 80.40 | 81.00 | 0.0000 | | |
| E401361 | 81.00 | 81.60 | 0.1500 | | |
| E401362 | 81.60 | 82.50 | 0.0100 | | |
| E401363 | 82.50 | 83.20 | 0.0500 | | |
| E401364 | 83.20 | 84.00 | 0.0100 | | |
| E401365 | 84.00 | 84.90 | 0.0100 | | |
| E401367 | 84.90 | 85.50 | 0.0100 | | |
| E401368 | 85.50 | 86.00 | 0.0200 | 0.0150 | |
| E401369 | 86.00 | 87.00 | 0.0000 | | |
| E401370 | 87.00 | 87.80 | 0.0100 | | |
| E401371 | 87.80 | 88.30 | 0.1300 | | |
| E401372 | 88.30 | 88.90 | 0.0300 | | |
| E401373 | 88.90 | 89.50 | 0.0400 | | |
| E401374 | 89.50 | 90.00 | 0.0400 | | |
| E401376 | 90.00 | 91.00 | 0.0000 | | |
| E401377 | 91.00 | 91.70 | 0.0100 | | |
| E401378 | 91.70 | 92.20 | 0.0100 | | |
| E401379 | 92.20 | 93.20 | 0.0000 | | |
| E401380 | 107.00 | 107.50 | 0.0000 | | |
| E401381 | 107.50 | 108.00 | 0.0300 | | |
| E401382 | 108.00 | 108.80 | 0.0200 | | |
| E401383 | 108.80 | 109.30 | 0.0100 | 0.0310 | |
| E401385 | 109.30 | 110.00 | 0.0000 | | |
| E401386 | 110.00 | 111.00 | 0.0100 | | |
| E401387 | 111.00 | 111.50 | 0.0000 | | |
| E401388 | 111.50 | 112.30 | 0.0000 | | |
| E401389 | 112.30 | 112.80 | 0.0000 | | |
| E401390 | 112.80 | 113.80 | 0.0200 | | |
| E401391 | 123.30 | 124.30 | 0.0000 | | |
| E401392 | 124.30 | 124.80 | 0.0000 | | |
| E401394 | 124.80 | 125.50 | 0.0100 | | |

Hole Number: H14-021

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401395 | 125.50 | 126.10 | 0.0000 | | |
| E401396 | 126.10 | 126.90 | 0.0300 | | |
| E401397 | 126.90 | 127.90 | 0.0000 | | |
| E401398 | 127.90 | 128.60 | 0.0000 | | |
| E401399 | 128.60 | 129.10 | 0.0000 | | |
| E401400 | 129.10 | 129.90 | 0.0600 | | |
| E401401 | 129.90 | 130.70 | 0.0000 | 0.0005 | |
| E401403 | 130.70 | 131.40 | 0.0000 | | |
| E401404 | 131.40 | 132.00 | 0.0000 | | |
| E401405 | 132.00 | 132.70 | 0.0000 | | |
| E401406 | 132.70 | 133.30 | 0.0000 | | |
| E401407 | 133.30 | 133.80 | 0.0000 | | |
| E401408 | 133.80 | 134.00 | 0.0000 | | |
| E401409 | 142.70 | 143.70 | 0.0000 | | |
| E401410 | 143.70 | 144.20 | 0.0000 | | |
| E401412 | 144.20 | 145.10 | 0.0000 | | |
| E401413 | 145.10 | 146.00 | 0.0000 | | |
| E401414 | 146.00 | 147.00 | 0.0000 | | |
| E401415 | 165.50 | 166.40 | 0.0000 | | |
| E401416 | 166.40 | 166.90 | 0.0100 | | |
| E401417 | 166.90 | 167.50 | 0.0300 | | |
| E401418 | 167.50 | 168.00 | 0.0100 | | |
| E401419 | 168.00 | 169.00 | 0.0700 | | |
| E401421 | 169.00 | 170.00 | 0.0200 | | |
| E401422 | 170.00 | 170.90 | 0.0200 | | |
| E401423 | 170.90 | 171.70 | 0.0300 | | |
| E401424 | 171.70 | 172.70 | 0.0000 | | |
| E401425 | 172.70 | 173.50 | 0.0000 | | |
| E401426 | 173.50 | 174.00 | 0.0000 | | |
| E401427 | 174.00 | 174.90 | 0.0000 | | |
| E401428 | 174.90 | 175.70 | 0.0000 | | |
| E401430 | 175.70 | 176.50 | 0.0100 | | |
| E401431 | 176.50 | 177.40 | 0.0100 | | |
| E401432 | 177.40 | 178.30 | 0.0000 | | |
| E401433 | 178.30 | 179.00 | 0.0100 | | |
| E401434 | 179.00 | 180.00 | 0.0000 | | |
| E401435 | 180.00 | 180.90 | 0.0000 | | |
| E401436 | 180.90 | 181.90 | 0.0000 | | |
| E401437 | 181.90 | 182.80 | 0.0200 | | |

Hole Number: H14-021

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401439 | 182.80 | 183.60 | 0.7100 | | |
| E401440 | 183.60 | 184.30 | 0.7400 | | |
| E401441 | 184.30 | 185.10 | 0.4200 | | |
| E401442 | 185.10 | 186.20 | 0.4200 | | |
| E401443 | 186.20 | 187.20 | 0.0100 | | |
| E401444 | 187.20 | 188.20 | 0.0100 | | |
| E401445 | 188.20 | 189.20 | 0.0100 | | |
| E401446 | 189.20 | 190.20 | 0.0000 | | |
| E401447 | 190.20 | 191.20 | 0.0000 | | |
| E401448 | 191.20 | 192.20 | 0.0000 | | |
| E401450 | 192.20 | 193.00 | 0.0200 | | |
| E401451 | 193.00 | 193.50 | 0.0200 | 0.0280 | |
| E401452 | 193.50 | 194.50 | 0.0000 | | |
| E401453 | 194.50 | 195.50 | 0.0000 | | |
| E401454 | 195.50 | 196.50 | 0.0000 | | |
| E401455 | 196.50 | 197.50 | 0.0000 | | |
| E401456 | 197.50 | 198.50 | 0.0000 | | |
| E401457 | 198.50 | 199.50 | 0.0100 | | |
| E401459 | 199.50 | 200.00 | 0.0300 | | |
| E401460 | 200.00 | 200.90 | 0.0100 | | |
| E401461 | 200.90 | 201.70 | 0.0000 | | |
| E401462 | 201.70 | 202.40 | 0.0100 | | |
| E401463 | 202.40 | 203.00 | 0.0000 | | |
| E401464 | 203.00 | 204.00 | 0.0000 | | |
| E401465 | 204.00 | 204.60 | 0.0000 | | |
| E401466 | 204.60 | 205.60 | 0.0000 | | |
| E401468 | 205.60 | 206.30 | 0.0100 | 0.0030 | |
| E401469 | 206.30 | 207.10 | 0.0000 | | |
| E401470 | 207.10 | 207.80 | 0.0100 | | |
| E401471 | 207.80 | 208.30 | 0.0000 | | |
| E401472 | 208.30 | 209.20 | 0.0000 | | |
| E401473 | 209.20 | 210.00 | 0.0000 | | |
| E401474 | 210.00 | 211.00 | 0.0000 | | |
| E401475 | 211.00 | 211.50 | 0.0100 | | |
| E401477 | 211.50 | 212.50 | 0.0100 | | |
| E401478 | 212.50 | 213.40 | 0.0100 | | |
| E401479 | 213.40 | 214.00 | 0.0000 | | |
| E401480 | 214.00 | 215.00 | 0.0000 | | |
| E401481 | 215.00 | 216.00 | 0.0000 | | |

Hole Number: H14-021

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401482 | 216.00 | 216.70 | 0.0100 | | |
| E401483 | 216.70 | 217.30 | 0.0100 | 0.0090 | |
| E401484 | 217.30 | 217.90 | 0.1600 | | |
| E401486 | 217.90 | 218.90 | 0.1800 | | |
| E401487 | 218.90 | 219.60 | 0.0100 | | |
| E401488 | 219.60 | 220.50 | 0.0200 | | |
| E401489 | 220.50 | 221.20 | 0.0300 | | |
| E401490 | 221.20 | 222.50 | 0.0000 | | |
| E401491 | 222.50 | 223.30 | 0.0200 | | |
| E401492 | 223.30 | 224.00 | 0.0000 | | |
| E401493 | 224.00 | 224.80 | 0.0300 | | |
| E401494 | 224.80 | 225.50 | 0.0100 | | |
| E401495 | 225.50 | 226.30 | 0.0700 | | |
| E401497 | 226.30 | 227.20 | 0.0200 | | |
| E401498 | 227.20 | 228.00 | 0.0100 | | |
| E401499 | 228.00 | 229.00 | 0.0100 | | |
| E401500 | 229.00 | 230.00 | 0.0000 | | |
| E600201 | 230.00 | 230.80 | 0.0100 | | |
| E600202 | 230.80 | 231.60 | 0.0100 | | |
| E600203 | 231.60 | 232.10 | 0.0100 | | |
| E600204 | 232.10 | 233.00 | 0.0100 | | |
| E600206 | 233.00 | 233.90 | 0.0100 | | |
| E600207 | 233.90 | 234.40 | 0.1500 | | |
| E600208 | 234.40 | 234.90 | 0.0100 | | |
| E600209 | 234.90 | 235.40 | 0.0600 | | |
| E600210 | 235.40 | 236.00 | 0.0100 | | |
| E600211 | 236.00 | 236.70 | 0.0200 | | |
| E600212 | 236.70 | 237.40 | 0.2200 | | |
| E600213 | 237.40 | 238.00 | 0.0100 | | |
| E600215 | 238.00 | 238.50 | 0.0200 | | |
| E600216 | 238.50 | 239.00 | 0.0400 | | |
| E600217 | 239.00 | 239.50 | 0.0300 | | |
| E600218 | 239.50 | 240.00 | 0.0100 | | |
| E600219 | 240.00 | 240.60 | 0.0100 | | |
| E600220 | 240.60 | 241.40 | 0.0600 | | |
| E600221 | 241.40 | 242.10 | 0.0700 | | |
| E600222 | 242.10 | 243.10 | 0.4200 | | |
| E600224 | 243.10 | 243.60 | 2.0400 | | |
| E600225 | 243.60 | 244.10 | 0.0100 | | |

Hole Number: H14-021

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600226 | 244.10 | 244.60 | 0.0000 | | |
| E600227 | 244.60 | 245.60 | 0.0000 | | |
| E600228 | 258.30 | 259.30 | 0.0000 | | |
| E600229 | 259.30 | 259.80 | 0.0100 | | |
| E600230 | 259.80 | 260.30 | 0.0000 | | |
| E600231 | 260.30 | 260.80 | 0.0000 | | |
| E600233 | 260.80 | 261.30 | 0.0100 | | |
| E600234 | 261.30 | 262.30 | 0.1600 | | |
| E600235 | 281.00 | 282.00 | 0.0500 | | |
| E600236 | 282.00 | 282.90 | 0.2900 | | |
| E600237 | 282.90 | 283.50 | 0.2700 | | |
| E600238 | 283.50 | 284.00 | 0.0100 | | |
| E600239 | 284.00 | 285.00 | 0.0100 | | |
| E600240 | 294.20 | 294.90 | 0.0900 | | |
| E600242 | 294.90 | 295.40 | 0.5900 | | |
| E600243 | 295.40 | 296.10 | 1.0000 | | |
| E600244 | 296.10 | 296.70 | 1.1500 | | |
| E600245 | 296.70 | 297.50 | 1.9200 | | |
| E600246 | 297.50 | 298.10 | 1.2800 | | |
| E600247 | 298.10 | 299.10 | 0.4000 | | |

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 42.80 |
| | VMV | 42.80 |
| | | 58.00 |
| | VMX | 58.00 |
| | | 78.00 |
| | VMO | 78.00 |
| | | 91.10 |
| | VMX | 91.10 |
| | | 96.90 |
| | VMO | 96.90 |
| | | 223.20 |
| | VMX | 223.20 |
| | | 234.20 |
| | VMO | 234.20 |
| | | 242.50 |
| | VMX | 242.50 |
| | | 248.00 |
| | VMO | 248.00 |
| | | 270.00 |
| | VMV | 270.00 |
| | | 283.20 |
| | VMO | 283.20 |
| | | 300.00 |

| | | | | | |
|---|--|--|--|--|---|
| Hole No: H14-022 | | Hole Type: Explor | | Hole Size: NQ | |
| Location: Hislop Township | | Core Storage: Exploration | | | |
| Casing: YES | | Claim No: L23129 | | | |
| Unit of Degree: DECIMAL | | Unit of Measure: METRIC | | From: 0 | To: 300.00 |
| Azimuth Dec: 213.00 | | Dip Dec: -47.00 | | Collar Survey: <input checked="" type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> |
| | | | | Multi Shot Survey: <input type="checkbox"/> | |
| | | Making Water: <input type="checkbox"/> | | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |
| Contractor: Garant | | Start Date: Aug 22, 2014 | | Completed: Aug 25, 2014 | |
| Logged By: cbetts | | Entered On: Sep 30, 2014 | | | |
| Comments: Hole boxes were labeled as HP14-022 at drill however hole was drilled at hislop north and therefore is H14-022, therefore boxes have been tagged as so. | | | | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372075.000000 | 551360.000000 | 300.0000 | UTM: | | | | |

Amanda McDonald

DETAILED LOG

Hole Number: H14-022

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -47.00 |
| Project Number: HISLOP | North: 5372075.00 | North: | Collar Az: 213.00 |
| Location: Hislop Township | East: 551360.00 | East: | Length: 300.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Aug 22, 2014 | Collar Survey: Y | Plugged: N | Contractor: Garant |
| Date Completed: Aug 25, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | |

Comments: Hole boxes were labeled as HP14-022 at drill however hole was drilled at hislop north and therefore is H14-022, therefore boxes have been tagged as so.

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------|--------|--------------------|----------------|--------------|------|----------|
| 66.00 | 212.60 | -47.30 | EZ Sho | OK | | 99.00 | 212.40 | -47.30 | EZ Sho | OK | |
| 150.00 | 216.00 | -46.90 | EZ Sho | OK | | 201.00 | 217.40 | -46.30 | EZ Sho | OK | |
| 249.00 | 220.40 | -46.20 | EZ Sho | OK | | 300.00 | 221.00 | -45.90 | EZ Sho | OK | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 42.80 | HPO, OVERBURDEN Overburden | | | | | | | |
| 42.80 | 58.00 | VMV, MAFIC VOLCANIC VARIOLITIC Dark green grey patchy white aphanitic to fine grained lightly brecciated variolitic mafic volcanic. Moderate pervasive chlorite and weak patchy sericite alteration occur throughout. moderate Carbonate quartz stringers and veinlets. 0.5% very fine grained blebby pyrite. | | | | | | | |
| 58.00 | 78.00 | VMX, MAFIC BRECCIA Light green to patchy tan grey and pink brecciated mafic volcanic. Brecciated clasts are mm-1cm in scale sub rounded to rounded. In highly brecciated sections groundmass is completely sericite altered. Moderate patches of pervasive chlorite weak patchy hematite alteration and moderate to strong patchy sericite alteration. moderate carbonate veinlets. 0.5% very fine grained blebby pyrite. | E601188 | 68.10 | 69.00 | 0.90 | 0.44 | 0.33 | |
| | | | E601189 | 69.00 | 69.90 | 0.90 | 0.04 | | |
| | | | E601190 | 69.90 | 70.70 | 0.80 | 0.12 | | |
| | | | E601191 | 70.70 | 71.30 | 0.60 | 0.08 | | |
| | | | E601192 | 71.30 | 72.00 | 0.70 | 0.01 | | |
| 78.00 | 91.10 | VMO, MAFIC VOLCANIC UNDIVIDED Dark to light green patchy white, tan and pink mafic volcanic. Unit is slightly brecciated in sections. Moderate patches of pervasive chlorite, weak patches of hematite and moderate patchy sericite alteration. moderate Carbonate veinlets occur throughout. 0.5% very fine grained blebby pyrite located throughout. | | | | | | | |
| 91.10 | 96.90 | VMX, MAFIC BRECCIA Light green patchy pink highly sericitised brecciated mafic volcanic. Brecciated clasts occur as light tan to grey sub rounded clasts. Strong pervasive sericite alteration occurs throughout with weak patchy chlorite and hematite alteration. Moderate carbonate veinlets occur throughout 1-2 cm in scale and also brecciated. 0.5% fine grained blebby pyrite. | | | | | | | |

Hole Number: H14-022

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 96.90 | 223.20 | VMO, MAFIC VOLCANIC UNDIVIDED Dark grey to light grey and pink aphanitic to fine grained highly altered mafic volcanic with weak magnetism. Small sections of brecciated mafic along with minor feldspar porphyry intrusive. Moderate pervasive chlorite weak patchy hematite and moderate patches of pervasive sericite alteration. Some sections of unit are slightly brecciated and sericite alteration increases around these zones. Moderate Carbonate stringers and veinlets occur throughout at variable angles TCA. 0.5% very fine grained blebby pyrite with patches up to 1% very fine grained blebby pyrite. 158.3-159m: large vuggy carbonate vein | E601194 | 101.00 | 102.00 | 1.00 | 0.01 | | |
| | | | E601195 | 102.00 | 103.10 | 1.10 | 0.09 | | |
| | | | E601196 | 103.10 | 103.80 | 0.70 | 0.04 | | |
| | | | E601197 | 103.80 | 104.30 | 0.50 | 0.04 | | |
| | | | E601198 | 104.30 | 105.00 | 0.70 | 0.06 | | |
| | | | E601199 | 105.00 | 105.60 | 0.60 | 0.04 | | |
| | | | E601200 | 105.60 | 106.60 | 1.00 | 0.03 | | |
| | | | E601201 | 123.00 | 124.10 | 1.10 | 0.00 | | |
| | | | E601202 | 124.10 | 124.60 | 0.50 | 0.01 | | |
| | | | E601203 | 124.60 | 125.30 | 0.70 | 0.07 | | |
| | | | E601204 | 125.30 | 126.00 | 0.70 | 0.00 | 0.00 | |
| | | | E601206 | 132.20 | 133.50 | 1.30 | 2.13 | | |
| | | | E601207 | 133.50 | 134.30 | 0.80 | 1.76 | | |
| | | | E601208 | 134.30 | 135.10 | 0.80 | 10.80 | | |
| | | | E601209 | 135.10 | 135.90 | 0.80 | 0.06 | | |
| | | | E601210 | 135.90 | 137.10 | 1.20 | 0.10 | | |
| | | | E601211 | 137.10 | 138.00 | 0.90 | 0.01 | | |
| | | | E601212 | 138.00 | 139.10 | 1.10 | 0.01 | | |
| | | | E601213 | 139.10 | 139.90 | 0.80 | 0.00 | | |
| | | | E601214 | 139.90 | 140.60 | 0.70 | 0.01 | | |
| | | | E601216 | 140.60 | 141.40 | 0.80 | 0.00 | | |
| | | | E601217 | 141.40 | 142.00 | 0.60 | 0.00 | | |
| | | | E601218 | 142.00 | 143.00 | 1.00 | 0.00 | | |
| | | | E601219 | 143.00 | 144.00 | 1.00 | 0.01 | | |
| | | | E601220 | 144.00 | 144.90 | 0.90 | 0.02 | | |
| | | | E601221 | 195.00 | 195.80 | 0.80 | 0.04 | 0.04 | |
| | | | E601222 | 195.80 | 196.60 | 0.80 | 0.01 | | |
| | | | E601223 | 196.60 | 197.50 | 0.90 | 0.12 | | |
| | | | E601224 | 197.50 | 198.00 | 0.50 | 0.44 | | |
| | | | E601226 | 198.00 | 199.20 | 1.20 | 0.65 | | |
| | | | E601227 | 199.20 | 200.50 | 1.30 | 0.03 | | |
| | | | E601228 | 222.30 | 223.20 | 0.90 | 0.37 | | |
| 223.20 | 234.20 | VMX, MAFIC BRECCIA Dark greenish grey and patchy reddish brown lightly brecciated mafic volcanic. Brecciation occurs throughout unit mostly around veining. Brecciated clasts range in size from mm to 1cm scale angular clasts. moderate pervasive chlorite and weak patchy hematite alteration occur throughout with weak patchy leucoxene. Moderate stockwork carbonate quartz veins occur throughout. 0.5-1% very fine grained blebby pyrite locally up to 1% coarse grained blebby over 10 cm. Lower contact is gradational as brecciation decreases. | E601229 | 223.20 | 224.20 | 1.00 | 0.56 | | |
| | | | E601230 | 224.20 | 225.00 | 0.80 | 1.42 | | |
| | | | E601231 | 225.00 | 226.50 | 1.50 | 1.47 | | |
| | | | E601232 | 226.50 | 227.50 | 1.00 | 0.68 | | |
| | | | E601233 | 227.50 | 228.00 | 0.50 | 0.14 | | |
| | | | E601234 | 228.00 | 229.50 | 1.50 | 0.05 | | |

Hole Number: H14-022

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 234.20 | 242.50 | VMO, MAFIC VOLCANIC UNDIVIDED Dark greensih grey to dark red and very light green along fractures mafic volcanic with moderate magnetism. unit is sheared between 234.8 and 235.7 m at approximately 30 deg TCA, shearing is pronounced by sericite alteration. Moderate pervasive chlorite moderate patchy hematite alteration and moderate patchy sericite alteration along fractures. moderate carbonate stringers and veinlets throughout. 0.5% very fine grained blebby pyrite. | | | | | | | |
| 242.50 | 248.00 | VMX, MAFIC BRECCIA dark green to light grey brecciated mafic volcanic. Unit is moderately brecciated with clasts ranging in size from a few mm to 3cm in scale angular to sub rounded. moderate pervasive chlorite weak oatchy hematite and weak patchy albite alteration occur within this unit. moderate carbonate quartz stockwork veining occurs throughout. 0.5% very fine grained blebby pyrite locally up to 1% | E601235 | 242.50 | 243.00 | 0.50 | 0.05 | | |
| | | | E601236 | 243.00 | 243.50 | 0.50 | 0.04 | | |
| | | | E601237 | 243.50 | 244.50 | 1.00 | 0.36 | | |
| | | | E601238 | 244.50 | 246.00 | 1.50 | 0.34 | 0.34 | |
| | | | E601239 | 246.00 | 246.70 | 0.70 | 0.34 | | |
| | | | E601241 | 246.70 | 248.00 | 1.30 | 0.09 | | |
| 248.00 | 270.00 | VMO, MAFIC VOLCANIC UNDIVIDED dark green to dark grey and reddish brown moderately magnetic aphanitic to finegrained mafic volcanic. Unit is weakly brecciated in sections with moderate pervasive chlorite, moderate patchy hematite and weak patchy sericite alteration throughout. weak to moderate carbonate quartz veinlets and stringers occur throughout at approximately 70 deg TCA. 0.5% very fine grained blebby pyrite. | E601242 | 252.00 | 253.50 | 1.50 | 0.00 | | |
| | | | E601243 | 253.50 | 255.00 | 1.50 | 0.02 | | |
| | | | E601244 | 255.00 | 256.50 | 1.50 | 0.08 | | |
| | | | E601245 | 256.50 | 258.00 | 1.50 | 0.02 | | |
| 270.00 | 283.20 | VMV, MAFIC VOLCANIC VARIOLITIC Dark green to light green to dark purple aphanitic to fine grained Variolitic mafic volcanic. Varioles appear in sections throughout unit as mm scale oblong varioles. moderate pervasive chlorite moderate patches of pervasive hematite alteration as well as weak patchys ericite alteration along fractures. moderate carbonate stockwork veining with weak veinlets occurs throughout. 0.5% very fine grained blebby pyrite | | | | | | | |
| 283.20 | 300.00 | VMO, MAFIC VOLCANIC UNDIVIDED Dark green to dark purple aphanitic to very fine grained mafic volcanic with moderate magnetism. Moderate pervasive chlorite as well as moderate patches of pervasive hematite alteration occur throughout with the first half of the unit having strong patchy sericite alteration along fractures. weak carbonate stringers occur throughout unit. 0.5-1% very fine to coarse graiend blebby and fracture filling pyrite. EOH | E601247 | 291.00 | 292.50 | 1.50 | 0.01 | | |
| | | | E601248 | 292.50 | 294.00 | 1.50 | 0.01 | | |
| | | | E601249 | 294.00 | 294.50 | 0.50 | 0.01 | | |
| | | | E601250 | 294.50 | 295.90 | 1.40 | 0.00 | | |
| | | | E601251 | 295.90 | 297.00 | 1.10 | 0.00 | | |
| | | | E601252 | 297.00 | 298.50 | 1.50 | 0.00 | | |
| | | | E601253 | 298.50 | 300.00 | 1.50 | 0.01 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601188 | 68.10 | 69.00 | 0.4390 | 0.3330 | |
| E601189 | 69.00 | 69.90 | 0.0440 | | |
| E601190 | 69.90 | 70.70 | 0.1180 | | |
| E601191 | 70.70 | 71.30 | 0.0820 | | |
| E601192 | 71.30 | 72.00 | 0.0100 | | |
| E601194 | 101.00 | 102.00 | 0.0050 | | |

Hole Number: H14-022

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601195 | 102.00 | 103.10 | 0.0890 | | |
| E601196 | 103.10 | 103.80 | 0.0420 | | |
| E601197 | 103.80 | 104.30 | 0.0380 | | |
| E601198 | 104.30 | 105.00 | 0.0580 | | |
| E601199 | 105.00 | 105.60 | 0.0440 | | |
| E601200 | 105.60 | 106.60 | 0.0280 | | |
| E601201 | 123.00 | 124.10 | 0.0030 | | |
| E601202 | 124.10 | 124.60 | 0.0090 | | |
| E601203 | 124.60 | 125.30 | 0.0690 | | |
| E601204 | 125.30 | 126.00 | 0.0040 | 0.0030 | |
| E601206 | 132.20 | 133.50 | 2.1300 | | |
| E601207 | 133.50 | 134.30 | 1.7600 | | |
| E601208 | 134.30 | 135.10 | 10.8000 | | |
| E601209 | 135.10 | 135.90 | 0.0550 | | |
| E601210 | 135.90 | 137.10 | 0.1000 | | |
| E601211 | 137.10 | 138.00 | 0.0070 | | |
| E601212 | 138.00 | 139.10 | 0.0100 | | |
| E601213 | 139.10 | 139.90 | 0.0040 | | |
| E601214 | 139.90 | 140.60 | 0.0050 | | |
| E601216 | 140.60 | 141.40 | 0.0040 | | |
| E601217 | 141.40 | 142.00 | 0.0030 | | |
| E601218 | 142.00 | 143.00 | 0.0040 | | |
| E601219 | 143.00 | 144.00 | 0.0090 | | |
| E601220 | 144.00 | 144.90 | 0.0240 | | |
| E601221 | 195.00 | 195.80 | 0.0420 | 0.0440 | |
| E601222 | 195.80 | 196.60 | 0.0050 | | |
| E601223 | 196.60 | 197.50 | 0.1160 | | |
| E601224 | 197.50 | 198.00 | 0.4390 | | |
| E601226 | 198.00 | 199.20 | 0.6500 | | |
| E601227 | 199.20 | 200.50 | 0.0250 | | |
| E601228 | 222.30 | 223.20 | 0.3730 | | |
| E601229 | 223.20 | 224.20 | 0.5610 | | |
| E601230 | 224.20 | 225.00 | 1.4200 | | |
| E601231 | 225.00 | 226.50 | 1.4700 | | |
| E601232 | 226.50 | 227.50 | 0.6810 | | |
| E601233 | 227.50 | 228.00 | 0.1360 | | |
| E601234 | 228.00 | 229.50 | 0.0530 | | |
| E601235 | 242.50 | 243.00 | 0.0510 | | |
| E601236 | 243.00 | 243.50 | 0.0350 | | |

Hole Number: H14-022

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601237 | 243.50 | 244.50 | 0.3630 | | |
| E601238 | 244.50 | 246.00 | 0.3390 | 0.3430 | |
| E601239 | 246.00 | 246.70 | 0.3370 | | |
| E601241 | 246.70 | 248.00 | 0.0910 | | |
| E601242 | 252.00 | 253.50 | 0.0020 | | |
| E601243 | 253.50 | 255.00 | 0.0170 | | |
| E601244 | 255.00 | 256.50 | 0.0780 | | |
| E601245 | 256.50 | 258.00 | 0.0170 | | |
| E601247 | 291.00 | 292.50 | 0.0050 | | |
| E601248 | 292.50 | 294.00 | 0.0120 | | |
| E601249 | 294.00 | 294.50 | 0.0100 | | |
| E601250 | 294.50 | 295.90 | 0.0020 | | |
| E601251 | 295.90 | 297.00 | 0.0040 | | |
| E601252 | 297.00 | 298.50 | 0.0020 | | |
| E601253 | 298.50 | 300.00 | 0.0050 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| | 0 |
| HPO | 40.00 |
| VMO | 59.30 |
| VMP | 71.10 |
| VMX | 82.30 |
| VMO | 92.30 |
| VMX | 98.50 |
| VMO | 133.40 |
| VMV | 153.00 |
| VMO | 231.20 |
| VMO | 250.80 |
| VMM | 282.40 |
| VMV | 300.50 |
| VMO | 333.30 |
| VMV | 351.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-023 | Hole Type: Explor | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: L23129 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 351.00 |

| | | | | |
|---------------------|-----------------|--|---|---|
| Azimuth Dec: 225.00 | Dip Dec: -54.00 | Collar Survey: <input checked="" type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

| | | |
|--------------------|--------------------------|-------------------------|
| Contractor: Garant | Start Date: Sep 04, 2014 | Completed: Sep 07, 2014 |
| Logged By: cbetts | Entered On: Sep 30, 2014 | |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372075.000000 | 551325.000000 | 300.0000 | UTM: | | | | |

Amanda McDonald

DETAILED LOG

Hole Number: H14-023

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -54.00 |
| Project Number: HISLOP | North: 5372075.00 | North: | Collar Az: 225.00 |
| Location: Hislop Township | East: 551325.00 | East: | Length: 351.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Sep 04, 2014 | Collar Survey: Y | Plugged: N | Contractor: Garant |
| Date Completed: Sep 07, 2014 | Multishot Survey: N | Hole Size: NQ | Final Depth: 351.00 |
| | Pulse EM Survey: N | Casing: YES | Core Storage: Exploration |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------|--------|--------------------|----------------|--------------|------|----------|
| 60.00 | 224.50 | -54.00 | EZ Sho | OK | | 99.00 | 227.20 | -53.40 | EZ Sho | OK | |
| 150.00 | 229.70 | -53.30 | EZ Sho | OK | | 201.00 | 229.30 | -52.90 | EZ Sho | OK | |
| 249.00 | 232.00 | -53.10 | EZ Sho | OK | | 250.00 | 233.30 | -52.20 | EZ Sho | OK | |
| 300.00 | 217.10 | -52.80 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 40.00 | HPO, OVERBURDEN 40m of Casing | | | | | | | |
| 40.00 | 59.30 | VMO, MAFIC VOLCANIC UNDIVIDED Dark green grey aphanitic to fine grained mafic volcanic with weak to moderate magnetism. weak pervasive chlorite alteration and weak patchy sericite alteration. weak mm scale carbonate quartz veinlets at approximately 50 deg TCA. trace pyrite with small 10 cm sections with blebby CPY. lower contact is gradational as pillows appear. | E601001 | 58.50 | 59.30 | 0.80 | 0.00 | 0.00 | |
| 59.30 | 71.10 | VMP, VOLCANIC MASSIVE PILLOWED Dark green grey patchy red and white pillowed mafic volcanic with weak pervasive magnetism. Pillow selvages are visible as 0.5-1cm black and brecciated pillow selvages. Lower half of unit is lightly brecciated. weak pervasive chlorite, weak patchy sericite alteration and weak patchy hematite alteration occur throughout. weak carb quartz veining at approximately 45 deg TCA. 0.5% fine grained blebby pyrite within pillow selvages. | E601002 | 59.30 | 60.00 | 0.70 | 0.00 | | |
| | | | E601003 | 60.00 | 61.50 | 1.50 | 0.00 | | |
| | | | E601004 | 61.50 | 63.00 | 1.50 | 0.00 | | |
| | | | E601005 | 63.00 | 64.50 | 1.50 | 0.00 | | |
| | | | E601007 | 64.50 | 66.00 | 1.50 | 0.00 | | |
| | | | E601008 | 66.00 | 67.50 | 1.50 | 0.00 | | |
| | | | E601009 | 67.50 | 69.00 | 1.50 | 0.00 | | |
| | | | E601010 | 69.00 | 70.00 | 1.00 | 0.00 | | |
| | | | E601011 | 70.00 | 70.80 | 0.80 | 0.00 | | |
| | | | E601012 | 70.80 | 71.50 | 0.70 | 0.00 | | |

Hole Number: H14-023

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 71.10 | 82.30 | VMX, MAFIC BRECCIA light green to tan to light red brecciated mafic volcanic with weka pervasive magnetism throughout. Brecciated clasts are about 5mm to 3 cm in scale. weak patchy chlorite, moderate patches of pervasive sericite, and moderate patchy hematite alteration occurs throughout brecciated unit. moderate Carbonate quartz veining at variable angles TCA. 0.5% very fine grained blebby pyrite. | E601013 | 71.50 | 72.00 | 0.50 | 0.00 | | |
| | | | E601014 | 72.00 | 73.50 | 1.50 | 0.01 | | |
| | | | E601016 | 73.50 | 75.00 | 1.50 | 0.01 | | |
| | | | E601017 | 75.00 | 76.50 | 1.50 | 0.00 | 0.00 | |
| | | | E601018 | 76.50 | 78.00 | 1.50 | 0.00 | | |
| | | | E601019 | 78.00 | 79.50 | 1.50 | 0.00 | | |
| | | | E601020 | 79.50 | 81.00 | 1.50 | 0.00 | | |
| | | | E601021 | 81.00 | 82.50 | 1.50 | 0.01 | | |
| 82.30 | 92.30 | VMO, MAFIC VOLCANIC UNDIVIDED Dark green mafic volcanic with weak pervasive magnetism. moderate pervasive chlorite alteration with weak patchy hematite alteration along fractures. moderate Carbonate Quartz veins variable angles TCA. 0.5% very fine grained blebby pyrite. | E601022 | 82.50 | 83.00 | 0.50 | 0.00 | | |
| | | | E601023 | 83.00 | 84.00 | 1.00 | 0.00 | | |
| 92.30 | 98.50 | VMX, MAFIC BRECCIA Light green to tan patchy red brecciated mafic volcanic. brecciated clasts are about 1-5 mm in scale with sections up to 3-5cm scale. weak patchy chlorite alteration and moderate pervasive sericite alteration occur throughout with weak patchy hematite along fractures. Sericite alteration becomes stronger when around fractures. 0.5% Very fine grained fracture filling pyrite. | | | | | | | |
| 98.50 | 133.40 | VMO, MAFIC VOLCANIC UNDIVIDED Dark green grey patchy tan and red mafic volcanic with weak to moderate magnetism through. moderate pervasive chlorite and moderate patches of pervasive sericite alteration occur throughout with weak patchy hematite alteration. weka 1-2cm scale carbonate quartz veins occur at variable angles TCA. trace-0.5% very fine rgained blebby pyrite | E601024 | 132.00 | 133.50 | 1.50 | 0.00 | | |

DETAILED LOG

Hole Number: H14-023

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 133.40 | 153.00 | VMV, MAFIC VOLCANIC VARIOLITIC Dark green to light tan to beige with patchy red variolitic mafic volcanic. Varioles occur as 1-2cm scale oval shaped varioles. Moderate patchy chlorite and hematite alteration occur throughout with weak patchy albite alteration. moderate 3-5cm carbonate quartz veins. 0.5% very fine grained blebby pyrite with sections upto 3-5% blebby pyrite found locally. specular hematite also visible in some sections. 138.4-138.5m: large brecciated section with carbonate veining throughout. | E601026 | 133.50 | 135.00 | 1.50 | 0.01 | | |
| | | | E601027 | 135.00 | 136.50 | 1.50 | 0.00 | | |
| | | | E601028 | 136.50 | 138.00 | 1.50 | 0.01 | | |
| | | | E601029 | 138.00 | 138.60 | 0.60 | 0.02 | | |
| | | | E601030 | 138.60 | 139.80 | 1.20 | 0.04 | | |
| | | | E601031 | 139.80 | 140.30 | 0.50 | 0.12 | | |
| | | | E601032 | 140.30 | 141.00 | 0.70 | 0.13 | | |
| | | | E601033 | 141.00 | 141.50 | 0.50 | 0.12 | 0.12 | |
| | | | E601034 | 141.50 | 142.40 | 0.90 | 0.01 | | |
| | | | E601036 | 142.40 | 143.30 | 0.90 | 0.03 | | |
| | | | E601037 | 143.30 | 144.00 | 0.70 | 0.03 | | |
| | | | E601038 | 144.00 | 144.60 | 0.60 | 0.05 | | |
| | | | E601039 | 144.60 | 146.00 | 1.40 | 0.03 | | |
| | | | E601040 | 146.00 | 147.00 | 1.00 | 0.02 | | |
| | | | E601041 | 147.00 | 148.50 | 1.50 | 0.00 | | |
| | | | E601042 | 148.50 | 150.00 | 1.50 | 0.01 | | |
| | | | E601043 | 150.00 | 150.90 | 0.90 | 0.02 | | |
| | | | E601044 | 150.90 | 151.50 | 0.60 | 2.15 | | |
| | | | E601046 | 151.50 | 152.00 | 0.50 | 0.31 | | |
| | | | E601047 | 152.00 | 153.00 | 1.00 | 0.03 | | |

Hole Number: H14-023

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 153.00 | 231.20 | VMO, MAFIC VOLCANIC UNDIVIDED | E601048 | 153.00 | 154.50 | 1.50 | 0.03 | | |
| | | Dark green grey with patchy white mafic volcanic with moderate pervasive magnetism. first 10m of unit has strong carbonate quartz stockwork veining. moderate pervasive chlorite and weak to moderate patchy sericite occur throughout with weak patchy hematite alteration. first 10 m has strong mm-2cm scale stockwork veining followed by weak to moderate <1-1cm scale Carbonate quartz veining at variable angles TCA. 0.5% very fine grained blebby pyrite found locally. | E601049 | 154.50 | 156.00 | 1.50 | 0.00 | | |
| | | 187.1-188.5m: VMX minor brecciated and hematite altered mafic volcanic | E601050 | 156.00 | 157.50 | 1.50 | 0.01 | | |
| | | 213.5-214.9m: minor carbonate quartz veins with brecciated surrounding unit. | E601051 | 157.50 | 159.00 | 1.50 | 0.01 | 0.01 | |
| | | MINOR INTERVALS: | E601052 | 159.00 | 160.50 | 1.50 | 0.01 | | |
| | | Minor Interval: | E601053 | 160.50 | 162.00 | 1.50 | 0.02 | | |
| | | 153.00 - 163.00 VMX, MAFIC BRECCIA | E601054 | 162.00 | 163.50 | 1.50 | 0.01 | | |
| | | 187.1-188.5m: VMX minor brecciated and hematite altered mafic volcanic | E601056 | 163.50 | 165.00 | 1.50 | 0.01 | | |
| | | | E601057 | 165.00 | 165.60 | 0.60 | 0.01 | | |
| | | | E601058 | 165.60 | 166.50 | 0.90 | 0.01 | | |
| | | | E601059 | 166.50 | 168.00 | 1.50 | 0.00 | | |
| | | | E601060 | 168.00 | 169.50 | 1.50 | 0.00 | | |
| | | | E601061 | 169.50 | 171.00 | 1.50 | 0.00 | | |
| | | | E601062 | 171.00 | 172.50 | 1.50 | 0.00 | | |
| | | | E601063 | 172.50 | 174.00 | 1.50 | 0.01 | | |
| | | | E601064 | 174.00 | 175.50 | 1.50 | 0.01 | | |
| | | | E601066 | 175.50 | 177.00 | 1.50 | 0.00 | | |
| | | | E601067 | 177.00 | 178.50 | 1.50 | 0.00 | | |
| | | | E601068 | 178.50 | 180.00 | 1.50 | 0.00 | 0.00 | |
| | | | E601069 | 180.00 | 181.50 | 1.50 | 0.00 | | |
| | | | E601070 | 181.50 | 183.00 | 1.50 | 0.00 | | |
| | | | E601071 | 183.00 | 184.50 | 1.50 | 0.00 | | |
| | | | E601072 | 184.50 | 186.00 | 1.50 | 0.00 | | |
| | | | E601073 | 186.00 | 187.10 | 1.10 | 0.00 | | |
| | | | E601074 | 187.10 | 188.50 | 1.40 | 0.00 | | |
| | | | E601076 | 188.50 | 189.00 | 0.50 | 0.00 | 0.00 | |
| | | | E601077 | 189.00 | 190.50 | 1.50 | 0.00 | | |
| | | | E601078 | 230.00 | 231.20 | 1.20 | 0.00 | | |

DETAILED LOG

Hole Number: H14-023

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 231.20 | 250.80 | VMO, MAFIC VOLCANIC UNDIVIDED Light purple grey to patchy white non magnetic mafic volcanic. Moderate pervasive hematite alteration with patchy weak chlorite and patchy weak sericite alteration. small mm scale light brown/yellow flecks throughout, possibly leucoxene. moderate Carbonate veinlets throughout unit. 0.5% very fine grained blebby pyrite throughout with sections from 241.1-248 m up to 3% pyrite blebs up to 3-4cm ins scale. Lower 1.3m of unit is moderately sheared/brecciated and shearing is pronounced with sericite alteration, approximately 45 deg TCA. | E601079 | 231.20 | 231.80 | 0.60 | 0.00 | | |
| | | | E601080 | 231.80 | 232.50 | 0.70 | 0.00 | | |
| | | | E601081 | 232.50 | 234.00 | 1.50 | 0.00 | | |
| | | | E601082 | 234.00 | 234.80 | 0.80 | 0.00 | | |
| | | | E601083 | 234.80 | 235.50 | 0.70 | 0.00 | | |
| | | | E601084 | 235.50 | 236.00 | 0.50 | 0.00 | | |
| | | | E601086 | 236.00 | 237.00 | 1.00 | 0.00 | | |
| | | | E601087 | 237.00 | 238.00 | 1.00 | 0.00 | | |
| | | | E601088 | 238.00 | 239.00 | 1.00 | 0.00 | | |
| | | | E601089 | 239.00 | 240.00 | 1.00 | 0.00 | | |
| | | | E601090 | 240.00 | 241.00 | 1.00 | 0.01 | | |
| | | | E601091 | 241.00 | 242.00 | 1.00 | 0.00 | | |
| | | | E601092 | 242.00 | 243.00 | 1.00 | 0.01 | | |
| | | | E601093 | 243.00 | 244.00 | 1.00 | 0.00 | | |
| | | | E601094 | 244.00 | 245.00 | 1.00 | 0.00 | | |
| | | | E601096 | 245.00 | 246.00 | 1.00 | 0.00 | 0.02 | |
| | | | E601097 | 246.00 | 246.50 | 0.50 | 0.03 | | |
| | | | E601098 | 246.50 | 247.00 | 0.50 | 0.01 | | |
| | | | E601099 | 247.00 | 247.50 | 0.50 | 0.13 | | |
| | | | E601100 | 247.50 | 248.00 | 0.50 | 0.03 | | |
| | | | E601101 | 248.00 | 248.50 | 0.50 | 0.00 | | |
| | | | E601102 | 248.50 | 249.00 | 0.50 | 0.01 | | |
| | | | E601103 | 249.00 | 249.50 | 0.50 | 0.02 | | |
| | | | E601104 | 249.50 | 250.20 | 0.70 | 0.22 | | |
| | | | E601106 | 250.20 | 250.80 | 0.60 | 1.02 | | |
| 250.80 | 282.40 | VMM, MAFIC VOLCANIC MASSIVE Dark green grey patchy white moderately magnetic aphanitic to very fine grained massive mafic volcanic. Moderate pervasive chlorite, weak patchy sericite and weak patchy hematite alteration occur throughout. mm scale Carbonate Quartz veinlets and stringers occur throughout. 0.25% very fine grained blebby pyrite. Lower contact occurs where hematite alteration increases and mm scale varioles can be found. | E601107 | 250.80 | 252.00 | 1.20 | 0.05 | | |
| | | | E601108 | 252.00 | 252.70 | 0.70 | 0.10 | | |
| | | | E601109 | 252.70 | 253.50 | 0.80 | 0.03 | | |
| | | | E601110 | 253.50 | 255.00 | 1.50 | 0.01 | 0.01 | |
| | | | E601111 | 255.00 | 255.50 | 0.50 | 0.00 | 0.00 | |
| | | | E601112 | 267.00 | 267.80 | 0.80 | 0.01 | | |
| | | | E601113 | 267.80 | 268.30 | 0.50 | 9.87 | | 10.60 |
| | | | E601114 | 268.30 | 269.50 | 1.20 | 0.42 | | |
| | | | E601116 | 269.50 | 270.00 | 0.50 | 0.01 | | |
| | | | E601117 | 270.00 | 271.50 | 1.50 | 0.03 | | |
| | | | E601118 | 271.50 | 273.00 | 1.50 | 0.01 | | |
| | | | E601119 | 273.00 | 274.50 | 1.50 | 0.01 | | |
| | | | E601120 | 274.50 | 276.00 | 1.50 | 0.00 | | |
| | | | E601121 | 276.00 | 276.90 | 0.90 | 0.01 | | |
| | | | E601122 | 276.90 | 278.30 | 1.40 | 0.09 | | |
| | | | E601123 | 278.30 | 279.00 | 0.70 | 0.06 | | |

DETAILED LOG

Hole Number: H14-023

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 282.40 | 300.50 | VMV, MAFIC VOLCANIC VARIOLITIC Dark green to dark purple strongly magnetic aphanitic to fine grained variolitic mafic volcanic. Varioles occur as mm scale dark green to reddish purple in colour and decrease down unit. Moderate pervasive chlorite and hematite alteration occur throughout with weak patchy sericite alteration along mms scale fractures. Weak carbonate quartz stringers occur throughout. Trace-0.5% very fine grained blebby pyrite can be found throughout unit in sections. | E601124 | 282.40 | 283.00 | 0.60 | 1.91 | | |
| | | | E601126 | 283.00 | 284.50 | 1.50 | 0.03 | | |
| | | | E601127 | 284.50 | 286.00 | 1.50 | 0.00 | | |
| | | | E601128 | 286.00 | 286.70 | 0.70 | 0.00 | 0.00 | |
| | | | E601129 | 293.00 | 294.00 | 1.00 | 0.01 | | |
| | | | E601130 | 294.00 | 295.50 | 1.50 | 0.00 | | |
| | | | E601131 | 295.50 | 297.00 | 1.50 | 0.01 | | |
| | | | E601132 | 297.00 | 298.50 | 1.50 | 0.00 | | |
| | | | E601133 | 298.50 | 300.00 | 1.50 | 0.00 | | |
| | | | E601134 | 300.00 | 300.50 | 0.50 | 0.00 | | |
| 300.50 | 333.30 | VMO, MAFIC VOLCANIC UNDIVIDED Dark green grey to light green and patchy red weak to moderately magnetic mafic volcanic. Unit is weakly to moderately chlorite altered with moderate bleaching and weak hematite alteration in patches. Start of unit has weak to moderate Carbonate quartz veinlets at approximately 70-90 deg TCA. mid to lower unit consists of larger Quartz and Quartz carbonate stockwork veining. 0.5% very fine grained blebby pyrite occurs at the start of the unit turning into 1-3% very fine grained to disseminated pyrite lower in the unit. Lower contact is gradational as varioles start to appear. | E601135 | 300.50 | 301.50 | 1.00 | 0.01 | | |
| | | | E601137 | 301.50 | 302.50 | 1.00 | 0.28 | | |
| | | | E601138 | 302.50 | 303.50 | 1.00 | 0.04 | | |
| | | | E601139 | 303.50 | 304.50 | 1.00 | 0.01 | | |
| | | | E601140 | 304.50 | 305.50 | 1.00 | 0.01 | | |
| | | | E601141 | 305.50 | 306.50 | 1.00 | 0.01 | | |
| | | | E601142 | 306.50 | 307.50 | 1.00 | 0.01 | | |
| | | | E601143 | 307.50 | 309.00 | 1.50 | 0.01 | | |
| | | | E601144 | 309.00 | 310.50 | 1.50 | 0.00 | | |
| | | | E601146 | 310.50 | 312.00 | 1.50 | 0.00 | 0.01 | |
| | | | E601147 | 312.00 | 312.80 | 0.80 | 0.11 | | |
| | | | E601148 | 312.80 | 313.50 | 0.70 | 2.31 | | |
| | | | E601149 | 313.50 | 314.50 | 1.00 | 0.92 | | |
| | | | E601150 | 314.50 | 315.50 | 1.00 | 1.17 | | |
| | | | E601151 | 315.50 | 316.50 | 1.00 | 2.25 | | |
| | | | E601152 | 316.50 | 317.50 | 1.00 | 5.23 | | |
| | | | E601153 | 317.50 | 318.00 | 0.50 | 6.41 | | |
| | | | E601154 | 318.00 | 318.50 | 0.50 | 0.98 | | |
| | | | E601156 | 318.50 | 319.00 | 0.50 | 2.13 | | |
| | | | E601157 | 319.00 | 319.50 | 0.50 | 1.99 | | |
| | | | E601158 | 319.50 | 320.50 | 1.00 | 2.93 | | |
| | | | E601159 | 320.50 | 321.10 | 0.60 | 10.00 | 17.30 | 18.90 |
| | | | E601160 | 321.10 | 322.00 | 0.90 | 1.70 | 1.37 | |
| | | | E601161 | 322.00 | 323.00 | 1.00 | 0.08 | | |
| | | | E601162 | 323.00 | 324.00 | 1.00 | 0.01 | | |
| | | | E601163 | 324.00 | 325.00 | 1.00 | 0.02 | | |
| | | | E601164 | 325.00 | 325.50 | 0.50 | 0.01 | | |
| | | | E601166 | 325.50 | 327.00 | 1.50 | 0.01 | | |
| | | | E601167 | 327.00 | 328.50 | 1.50 | 0.02 | | |
| | | | E601168 | 328.50 | 330.00 | 1.50 | 0.03 | | |
| | | | E601169 | 330.00 | 331.50 | 1.50 | 0.05 | | |
| | | | E601170 | 331.50 | 332.80 | 1.30 | 0.01 | | |
| | | | E601171 | 332.80 | 333.30 | 0.50 | 0.02 | | |

Hole Number: H14-023

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 333.30 | 351.00 | VMV, MAFIC VOLCANIC VARIOLITIC Dark green to light tan and patchy red moderately magnetic aphanitic to fine grained variolitic mafic volcanic. Varioles are stronger mid unit and appear as mm-1cm scale dark green to dark red ovals. Moderate pervasive chlorite, moderate patches of hematite and moderate patches of sericite alteration occur throughout. Moderate mm scale Carbonate stringers occur decreasing in abundance down unit. 0.5% very fine grained blebby pyrite and some disseminated pyrite occur throughout. 334.9-340m: Varioles are very abundant within this interval as mm-1cm varioles. EOH | E601172 | 333.30 | 334.40 | 1.10 | 0.01 | | |
| | | | E601173 | 334.40 | 334.90 | 0.50 | 0.01 | | |
| | | | E601174 | 334.90 | 336.00 | 1.10 | 0.01 | | |
| | | | E601176 | 336.00 | 337.50 | 1.50 | 0.01 | 0.01 | |
| | | | E601177 | 337.50 | 339.00 | 1.50 | 0.01 | | |
| | | | E601178 | 339.00 | 340.00 | 1.00 | 0.03 | | |
| | | | E601179 | 340.00 | 340.50 | 0.50 | 0.02 | | |
| | | | E601180 | 340.50 | 342.00 | 1.50 | 0.01 | | |
| | | | E601181 | 342.00 | 343.50 | 1.50 | 0.01 | | |
| | | | E601182 | 343.50 | 345.00 | 1.50 | 0.02 | | |
| | | | E601183 | 345.00 | 346.50 | 1.50 | 0.04 | | |
| | | | E601184 | 346.50 | 348.00 | 1.50 | 0.10 | | |
| | | | E601186 | 348.00 | 349.50 | 1.50 | 0.04 | | |
| | | | E601187 | 349.50 | 351.00 | 1.50 | 0.00 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601001 | 58.50 | 59.30 | 0.0030 | 0.0030 | |
| E601002 | 59.30 | 60.00 | 0.0030 | | |
| E601003 | 60.00 | 61.50 | 0.0030 | | |
| E601004 | 61.50 | 63.00 | 0.0030 | | |
| E601005 | 63.00 | 64.50 | 0.0030 | | |
| E601007 | 64.50 | 66.00 | 0.0040 | | |
| E601008 | 66.00 | 67.50 | 0.0020 | | |
| E601009 | 67.50 | 69.00 | 0.0020 | | |
| E601010 | 69.00 | 70.00 | 0.0030 | | |
| E601011 | 70.00 | 70.80 | 0.0030 | | |
| E601012 | 70.80 | 71.50 | 0.0040 | | |
| E601013 | 71.50 | 72.00 | 0.0040 | | |
| E601014 | 72.00 | 73.50 | 0.0100 | | |
| E601016 | 73.50 | 75.00 | 0.0060 | | |
| E601017 | 75.00 | 76.50 | 0.0030 | 0.0030 | |
| E601018 | 76.50 | 78.00 | 0.0030 | | |
| E601019 | 78.00 | 79.50 | 0.0020 | | |
| E601020 | 79.50 | 81.00 | 0.0020 | | |
| E601021 | 81.00 | 82.50 | 0.0060 | | |
| E601022 | 82.50 | 83.00 | 0.0040 | | |
| E601023 | 83.00 | 84.00 | 0.0040 | | |
| E601024 | 132.00 | 133.50 | 0.0030 | | |
| E601026 | 133.50 | 135.00 | 0.0060 | | |

Hole Number: H14-023

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601027 | 135.00 | 136.50 | 0.0040 | | |
| E601028 | 136.50 | 138.00 | 0.0070 | | |
| E601029 | 138.00 | 138.60 | 0.0220 | | |
| E601030 | 138.60 | 139.80 | 0.0360 | | |
| E601031 | 139.80 | 140.30 | 0.1230 | | |
| E601032 | 140.30 | 141.00 | 0.1280 | | |
| E601033 | 141.00 | 141.50 | 0.1160 | 0.1190 | |
| E601034 | 141.50 | 142.40 | 0.0130 | | |
| E601036 | 142.40 | 143.30 | 0.0280 | | |
| E601037 | 143.30 | 144.00 | 0.0280 | | |
| E601038 | 144.00 | 144.60 | 0.0460 | | |
| E601039 | 144.60 | 146.00 | 0.0270 | | |
| E601040 | 146.00 | 147.00 | 0.0200 | | |
| E601041 | 147.00 | 148.50 | 0.0040 | | |
| E601042 | 148.50 | 150.00 | 0.0100 | | |
| E601043 | 150.00 | 150.90 | 0.0180 | | |
| E601044 | 150.90 | 151.50 | 2.1500 | | |
| E601046 | 151.50 | 152.00 | 0.3130 | | |
| E601047 | 152.00 | 153.00 | 0.0290 | | |
| E601048 | 153.00 | 154.50 | 0.0280 | | |
| E601049 | 154.50 | 156.00 | 0.0030 | | |
| E601050 | 156.00 | 157.50 | 0.0080 | | |
| E601051 | 157.50 | 159.00 | 0.0090 | 0.0130 | |
| E601052 | 159.00 | 160.50 | 0.0050 | | |
| E601053 | 160.50 | 162.00 | 0.0180 | | |
| E601054 | 162.00 | 163.50 | 0.0070 | | |
| E601056 | 163.50 | 165.00 | 0.0100 | | |
| E601057 | 165.00 | 165.60 | 0.0080 | | |
| E601058 | 165.60 | 166.50 | 0.0070 | | |
| E601059 | 166.50 | 168.00 | 0.0040 | | |
| E601060 | 168.00 | 169.50 | 0.0030 | | |
| E601061 | 169.50 | 171.00 | 0.0030 | | |
| E601062 | 171.00 | 172.50 | 0.0040 | | |
| E601063 | 172.50 | 174.00 | 0.0090 | | |
| E601064 | 174.00 | 175.50 | 0.0060 | | |
| E601066 | 175.50 | 177.00 | 0.0020 | | |
| E601067 | 177.00 | 178.50 | 0.0030 | | |
| E601068 | 178.50 | 180.00 | 0.0030 | 0.0024 | |
| E601069 | 180.00 | 181.50 | 0.0040 | | |

Hole Number: H14-023

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601070 | 181.50 | 183.00 | 0.0030 | | |
| E601071 | 183.00 | 184.50 | 0.0040 | | |
| E601072 | 184.50 | 186.00 | 0.0020 | | |
| E601073 | 186.00 | 187.10 | 0.0040 | | |
| E601074 | 187.10 | 188.50 | 0.0020 | | |
| E601076 | 188.50 | 189.00 | 0.0040 | 0.0034 | |
| E601077 | 189.00 | 190.50 | 0.0010 | | |
| E601078 | 230.00 | 231.20 | 0.0020 | | |
| E601079 | 231.20 | 231.80 | 0.0020 | | |
| E601080 | 231.80 | 232.50 | 0.0030 | | |
| E601081 | 232.50 | 234.00 | 0.0020 | | |
| E601082 | 234.00 | 234.80 | 0.0030 | | |
| E601083 | 234.80 | 235.50 | 0.0030 | | |
| E601084 | 235.50 | 236.00 | 0.0020 | | |
| E601086 | 236.00 | 237.00 | 0.0040 | | |
| E601087 | 237.00 | 238.00 | 0.0020 | | |
| E601088 | 238.00 | 239.00 | 0.0030 | | |
| E601089 | 239.00 | 240.00 | 0.0020 | | |
| E601090 | 240.00 | 241.00 | 0.0070 | | |
| E601091 | 241.00 | 242.00 | 0.0040 | | |
| E601092 | 242.00 | 243.00 | 0.0050 | | |
| E601093 | 243.00 | 244.00 | 0.0030 | | |
| E601094 | 244.00 | 245.00 | 0.0020 | | |
| E601096 | 245.00 | 246.00 | 0.0020 | 0.0190 | |
| E601097 | 246.00 | 246.50 | 0.0310 | | |
| E601098 | 246.50 | 247.00 | 0.0130 | | |
| E601099 | 247.00 | 247.50 | 0.1250 | | |
| E601100 | 247.50 | 248.00 | 0.0260 | | |
| E601101 | 248.00 | 248.50 | 0.0020 | | |
| E601102 | 248.50 | 249.00 | 0.0050 | | |
| E601103 | 249.00 | 249.50 | 0.0180 | | |
| E601104 | 249.50 | 250.20 | 0.2160 | | |
| E601106 | 250.20 | 250.80 | 1.0200 | | |
| E601107 | 250.80 | 252.00 | 0.0460 | | |
| E601108 | 252.00 | 252.70 | 0.1010 | | |
| E601109 | 252.70 | 253.50 | 0.0260 | | |
| E601110 | 253.50 | 255.00 | 0.0060 | 0.0081 | |
| E601111 | 255.00 | 255.50 | 0.0040 | 0.0040 | |
| E601112 | 267.00 | 267.80 | 0.0060 | | |

Hole Number: H14-O23

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601113 | 267.80 | 268.30 | 9.8700 | | 10.6000 |
| E601114 | 268.30 | 269.50 | 0.4160 | | |
| E601116 | 269.50 | 270.00 | 0.0110 | | |
| E601117 | 270.00 | 271.50 | 0.0310 | | |
| E601118 | 271.50 | 273.00 | 0.0070 | | |
| E601119 | 273.00 | 274.50 | 0.0070 | | |
| E601120 | 274.50 | 276.00 | 0.0040 | | |
| E601121 | 276.00 | 276.90 | 0.0110 | | |
| E601122 | 276.90 | 278.30 | 0.0850 | | |
| E601123 | 278.30 | 279.00 | 0.0570 | | |
| E601124 | 282.40 | 283.00 | 1.9100 | | |
| E601126 | 283.00 | 284.50 | 0.0330 | | |
| E601127 | 284.50 | 286.00 | 0.0030 | | |
| E601128 | 286.00 | 286.70 | 0.0040 | 0.0030 | |
| E601129 | 293.00 | 294.00 | 0.0130 | | |
| E601130 | 294.00 | 295.50 | 0.0040 | | |
| E601131 | 295.50 | 297.00 | 0.0060 | | |
| E601132 | 297.00 | 298.50 | 0.0040 | | |
| E601133 | 298.50 | 300.00 | 0.0030 | | |
| E601134 | 300.00 | 300.50 | 0.0030 | | |
| E601135 | 300.50 | 301.50 | 0.0060 | | |
| E601137 | 301.50 | 302.50 | 0.2820 | | |
| E601138 | 302.50 | 303.50 | 0.0350 | | |
| E601139 | 303.50 | 304.50 | 0.0090 | | |
| E601140 | 304.50 | 305.50 | 0.0050 | | |
| E601141 | 305.50 | 306.50 | 0.0050 | | |
| E601142 | 306.50 | 307.50 | 0.0080 | | |
| E601143 | 307.50 | 309.00 | 0.0070 | | |
| E601144 | 309.00 | 310.50 | 0.0030 | | |
| E601146 | 310.50 | 312.00 | 0.0040 | 0.0050 | |
| E601147 | 312.00 | 312.80 | 0.1070 | | |
| E601148 | 312.80 | 313.50 | 2.3100 | | |
| E601149 | 313.50 | 314.50 | 0.9240 | | |
| E601150 | 314.50 | 315.50 | 1.1700 | | |
| E601151 | 315.50 | 316.50 | 2.2500 | | |
| E601152 | 316.50 | 317.50 | 5.2300 | | |
| E601153 | 317.50 | 318.00 | 6.4100 | | |
| E601154 | 318.00 | 318.50 | 0.9840 | | |
| E601156 | 318.50 | 319.00 | 2.1300 | | |

Hole Number: H14-023

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601157 | 319.00 | 319.50 | 1.9900 | | |
| E601158 | 319.50 | 320.50 | 2.9300 | | |
| E601159 | 320.50 | 321.10 | 10.0000 | 17.3000 | 18.9000 |
| E601160 | 321.10 | 322.00 | 1.7000 | 1.3700 | |
| E601161 | 322.00 | 323.00 | 0.0830 | | |
| E601162 | 323.00 | 324.00 | 0.0070 | | |
| E601163 | 324.00 | 325.00 | 0.0170 | | |
| E601164 | 325.00 | 325.50 | 0.0110 | | |
| E601166 | 325.50 | 327.00 | 0.0100 | | |
| E601167 | 327.00 | 328.50 | 0.0160 | | |
| E601168 | 328.50 | 330.00 | 0.0270 | | |
| E601169 | 330.00 | 331.50 | 0.0500 | | |
| E601170 | 331.50 | 332.80 | 0.0110 | | |
| E601171 | 332.80 | 333.30 | 0.0160 | | |
| E601172 | 333.30 | 334.40 | 0.0090 | | |
| E601173 | 334.40 | 334.90 | 0.0050 | | |
| E601174 | 334.90 | 336.00 | 0.0070 | | |
| E601176 | 336.00 | 337.50 | 0.0110 | 0.0140 | |
| E601177 | 337.50 | 339.00 | 0.0120 | | |
| E601178 | 339.00 | 340.00 | 0.0270 | | |
| E601179 | 340.00 | 340.50 | 0.0240 | | |
| E601180 | 340.50 | 342.00 | 0.0060 | | |
| E601181 | 342.00 | 343.50 | 0.0110 | | |
| E601182 | 343.50 | 345.00 | 0.0180 | | |
| E601183 | 345.00 | 346.50 | 0.0360 | | |
| E601184 | 346.50 | 348.00 | 0.1020 | | |
| E601186 | 348.00 | 349.50 | 0.0380 | | |
| E601187 | 349.50 | 351.00 | 0.0020 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| HPO | 0 |
| | 32.60 |
| VMV | 32.60 |
| | 51.70 |
| VMO | 51.70 |
| | 144.60 |
| VMX | 144.60 |
| | 147.90 |
| VMO | 147.90 |
| | 157.10 |
| VMV | 157.10 |
| | 165.50 |
| VMO | 165.50 |
| | 204.30 |
| VMX | 204.30 |
| | 218.70 |
| VMV | 218.70 |
| | 223.40 |
| VMO | 223.40 |
| | 272.10 |
| VMM | 272.10 |
| | 291.64 |
| VMV | 291.64 |
| | 315.40 |
| VMX | 315.40 |
| | 321.37 |
| VMV | 321.37 |
| | 399.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: H14-024 | Hole Type: Explor | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: L23129 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 399.00 |

| | | | | |
|---------------------|-----------------|--|---|---|
| Azimuth Dec: 219.00 | Dip Dec: -57.00 | Collar Survey: <input checked="" type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Garant Start Date: Aug 25, 2014 Completed: Sep 03, 2014

Logged By: cbetts Entered On: Sep 30, 2014

Comments: Boxes labeled as HP but hole actually H14..

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5372175.000000 | 551300.000000 | 300.0000 | UTM: | | | | |

Amanda McDonald

DETAILED LOG

Hole Number: H14-024

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -57.00 |
| Project Number: HISLOP | North: 5372175.00 | North: | Collar Az: 219.00 |
| Location: Hislop Township | East: 551300.00 | East: | Length: 399.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Aug 25, 2014 | Collar Survey: Y | Plugged: N | Contractor: Garant |
| Date Completed: Sep 03, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 399.00 |

Comments: Boxes labeled as HP but hole actually H14..

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------|--------|--------------------|----------------|--------------|------|----------|
| 54.00 | 219.50 | -56.60 | EZ Sho | OK | | 99.00 | 222.20 | -56.50 | EZ Sho | OK | |
| 150.00 | 225.40 | -56.50 | EZ Sho | OK | | 201.00 | 223.00 | -56.40 | EZ Sho | OK | |
| 226.30 | 226.30 | -53.30 | EZ Sho | OK | | 227.90 | 227.90 | -53.50 | EZ Sho | OK | |
| 249.00 | 227.60 | -55.60 | EZ Sho | OK | | 300.00 | 216.90 | -54.00 | EZ Sho | OK | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 32.60 | HPO, OVERBURDEN Overburden | | | | | | | |
| 32.60 | 51.70 | VMV, MAFIC VOLCANIC VARIOLITIC Dark green patchy red and patchy light green variolitic mafic volcanic with moderate to strong patchy magnetism. Unit is broken and blocky. moderate pervasive chlorite and moderate patchy hematite and weak patchys ericite alteration throughout. Moderate carbonate stringers and trace-0.5% very fine grained blebby pyrite. | | | | | | | |
| 51.70 | 144.60 | VMO, MAFIC VOLCANIC UNDIVIDED Dark green to light green patchy red mafic volcanic with moderate to strong patchy magnetism. moderate pervasive chlorite, weak to moderate patchy sericite, weak patchy hematite alteration throughout. moderate carbonate stringers and veinlets throughout at variable angles TCA. 0.5-1% very fine grained blebby pyrite. | E601254 | 117.00 | 118.50 | 1.50 | 0.01 | 0.01 | |
| | | | E601255 | 118.50 | 120.00 | 1.50 | 0.01 | | |
| | | | E601256 | 120.00 | 121.50 | 1.50 | 0.01 | | |
| | | | E601257 | 121.50 | 122.30 | 0.80 | 0.01 | | |
| | | | E601258 | 122.30 | 123.00 | 0.70 | 0.01 | | |
| | | | E601259 | 123.00 | 123.80 | 0.80 | 0.01 | | |
| | | | E601260 | 123.80 | 124.50 | 0.70 | 0.00 | | |
| | | | E601261 | 124.50 | 125.20 | 0.70 | 0.01 | | |
| | | | E601262 | 125.20 | 126.00 | 0.80 | 0.01 | | |
| | | | E601263 | 126.00 | 126.80 | 0.80 | 0.00 | | |
| | | | E601264 | 126.80 | 127.50 | 0.70 | 0.00 | | |
| | | | E601266 | 127.50 | 128.40 | 0.90 | 0.88 | | |
| | | | E601267 | 144.00 | 144.60 | 0.60 | 0.00 | | |

Hole Number: H14-024

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 144.60 | 147.90 | VMX, MAFIC BRECCIA Dark green to light green and patchy pink brecciated mafic volcanic with weak patchy magnetism. Unit is lightly brecciated and brecciation is pronounced by carbonate quartz veining. Moderate pervasive chlorite and moderate patchy sericite alteration occur throughout. moderate Carbonate quartz veinlets occur throughout and variable angles as well as brecciated. Trcae-0.5% very fine grained blebby pyrite | E601268 | 144.60 | 146.10 | 1.50 | 0.01 | | |
| | | | E601269 | 146.10 | 147.00 | 0.90 | 0.01 | | |
| | | | E601270 | 147.00 | 147.90 | 0.90 | 0.03 | | |
| 147.90 | 157.10 | VMO, MAFIC VOLCANIC UNDIVIDED As VMO above from 51.7-144.6m. Bottom 90cm of unit is moderately foliated at approximately 45 deg TCA. 2-3 cm carbonate veins can be found within unit which include mm-1cm scale VMO clasts. Lower contact is within large carbonate vein. | E601271 | 147.90 | 148.90 | 1.00 | 0.01 | | |
| | | | E601272 | 148.90 | 149.60 | 0.70 | 0.01 | | |
| | | | E601273 | 149.60 | 150.40 | 0.80 | 0.00 | | |
| | | | E601274 | 150.40 | 151.60 | 1.20 | 0.00 | 0.00 | |
| | | | E601276 | 151.60 | 153.00 | 1.40 | 0.00 | | |
| | | | E601277 | 153.00 | 154.30 | 1.30 | 0.01 | | |
| | | | E601278 | 154.30 | 155.00 | 0.70 | 0.00 | | |
| | | | E601279 | 155.00 | 156.20 | 1.20 | 0.00 | | |
| | | | E601280 | 156.20 | 157.10 | 0.90 | 0.02 | | |
| 157.10 | 165.50 | VMV, MAFIC VOLCANIC VARIOLITIC Dark green to light green and red variolitic mafic volcanic. Varioles appear as 5mm -1cm scale oblong light green varioles. Weak brecciation can also be found throughout the unit. Moderate pervasive chlorite and moderate patchy hematite alteration. Weak carbonate stringers and veinlets. 0.5-1% very fine grained blebby pyrite. | E601281 | 157.10 | 157.80 | 0.70 | 0.01 | | |
| | | | E601282 | 157.80 | 159.00 | 1.20 | 0.00 | | |
| | | | E601283 | 159.00 | 160.50 | 1.50 | 0.04 | | |
| | | | E601284 | 160.50 | 162.00 | 1.50 | 0.05 | | |
| | | | E601286 | 162.00 | 163.50 | 1.50 | 0.02 | | |
| | | | E601287 | 163.50 | 165.00 | 1.50 | 0.01 | | |
| | | | E601288 | 165.00 | 165.50 | 0.50 | 0.11 | | |
| 165.50 | 204.30 | VMO, MAFIC VOLCANIC UNDIVIDED As VMO above from 51.7-144.6m: Dark green to light green in some sections. Dark green to light green patchy red mafic volcanic with moderate to strong patchy magnetism. moderate pervasive chlorite, weak to moderate patchy sericite, weak patchy hematite alteration throughout. moderate carbonate stringers and veinlets throughout at variable angles TCA. 0.5-1% very fine grained blebby pyrite. | E601289 | 165.50 | 167.00 | 1.50 | 0.00 | | |
| | | | E601290 | 201.00 | 202.00 | 1.00 | 0.00 | | |
| | | | E601291 | 202.00 | 202.50 | 0.50 | 0.01 | | |
| | | | E601292 | 202.50 | 203.50 | 1.00 | 0.00 | | |
| | | | E601293 | 203.50 | 204.00 | 0.50 | 0.01 | | |
| | | | E601294 | 204.00 | 204.40 | 0.40 | 0.01 | | |

Hole Number: H14-024

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 204.30 | 218.70 | VMX, MAFIC BRECCIA Brecciated mafics. Fine grained. Med grey to patchy reddish in colour. Unit has patchy magnetite throughout. Unit is moderately brecciated and pronounced by carbonate/quartz veining. Pervasive chlorite and moderate patchy sericite along with weak, local hematite alterations occur throughout. Minor carbonate/quartz veinlets oriented at all angles to CA. Trace - 0.5% fg pyrite. | E601295 | 204.40 | 205.00 | 0.60 | 0.06 | | |
| | | | E601296 | 205.00 | 205.50 | 0.50 | 0.00 | | |
| | | | E601297 | 205.50 | 206.00 | 0.50 | 0.01 | | |
| | | | E601298 | 206.00 | 207.00 | 1.00 | 0.01 | | |
| | | | E601299 | 207.00 | 208.00 | 1.00 | 0.01 | | |
| | | | E601300 | 208.00 | 209.00 | 1.00 | 0.00 | | |
| | | | E604408 | 209.00 | 210.00 | 1.00 | 0.01 | | |
| | | | E604410 | 210.00 | 211.00 | 1.00 | 0.01 | | |
| | | | E604411 | 211.00 | 212.00 | 1.00 | 0.00 | | |
| | | | E604412 | 212.00 | 213.00 | 1.00 | 0.00 | | |
| | | | E604413 | 213.00 | 214.00 | 1.00 | 0.00 | | |
| | | | E604414 | 214.00 | 215.00 | 1.00 | 0.00 | | |
| | | | E604415 | 215.00 | 216.00 | 1.00 | 0.02 | | |
| | | | E604416 | 216.00 | 217.00 | 1.00 | 0.02 | | |
| | | | E604417 | 217.00 | 218.00 | 1.00 | 0.01 | | |
| | | | E604418 | 218.00 | 219.00 | 1.00 | 0.00 | | |
| 218.70 | 223.40 | VMV, MAFIC VOLCANIC VARIOLITIC Variolitic mafics. Fine grained, Light pink/tan to grey/green in colour. Varioles ranging from 0.1-1cm in size. Moderate brecciation is seen through unit. Chlorite/hematite are pervasive. Weak, patchy magnetism. Quartz/carbonate veinlets oriented at all angles to CA. 1-5% overall. Trace-0.5% fg pyrite. | E604419 | 219.00 | 220.00 | 1.00 | 0.01 | | |
| | | | E604420 | 220.00 | 221.00 | 1.00 | 0.01 | | |
| | | | E604422 | 221.00 | 222.00 | 1.00 | 0.01 | | |
| | | | E604423 | 222.00 | 223.00 | 1.00 | 0.01 | | |
| | | | E604424 | 223.00 | 223.50 | 0.50 | 0.01 | | |

DETAILED LOG

Hole Number: H14-024

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 223.40 | 272.10 | VMO, MAFIC VOLCANIC UNDIVIDED | E604425 | 223.50 | 224.20 | 0.70 | 0.01 | | |
| | | Mafics undivided, fine grained. Light - med grey/green in colour. Some of unit is buff beige/tan in colour and red from hematite. Unit has local areas of brecciation pronounced by carbonate quartz. Weak, patchy magnetite seen locally through unit. Local, patchy hematite. Minor quartz carb stringers to veinlets. 1-5% overall, oriented at all angles TCA. Trace of pyrite. | E604426 | 224.20 | 225.00 | 0.80 | 0.20 | | |
| | | 237.4-256.5m; light green to tan, bleached looking? | E604427 | 225.00 | 226.00 | 1.00 | 0.01 | | |
| | | 270.6-272.1m; VMV, variolitic texture, small to mid size varioles. | E604428 | 226.00 | 227.00 | 1.00 | 0.01 | | |
| | | | E604429 | 227.00 | 228.00 | 1.00 | 0.00 | | |
| | | | E604431 | 228.00 | 229.00 | 1.00 | 0.01 | | |
| | | | E604432 | 229.00 | 229.50 | 0.50 | 0.00 | | |
| | | | E604433 | 229.50 | 230.30 | 0.80 | 0.01 | | |
| | | | E604434 | 230.30 | 230.70 | 0.40 | 0.01 | | |
| | | | E604435 | 230.70 | 231.10 | 0.40 | 0.00 | | |
| | | | E604436 | 231.10 | 231.50 | 0.40 | 0.00 | | |
| | | | E604437 | 231.50 | 232.00 | 0.50 | 0.00 | | |
| | | | E604438 | 232.00 | 232.60 | 0.60 | 0.01 | | |
| | | | E604439 | 232.60 | 233.00 | 0.40 | 0.00 | | |
| | | | E604441 | 233.00 | 234.00 | 1.00 | 0.01 | | |
| | | | E604442 | 234.00 | 234.70 | 0.70 | 0.01 | | |
| | | | E604443 | 234.70 | 235.50 | 0.80 | 0.02 | | |
| | | | E604444 | 235.50 | 236.00 | 0.50 | 0.34 | | |
| | | | E604445 | 236.00 | 237.00 | 1.00 | 0.01 | | |
| | | | E604446 | 237.00 | 238.00 | 1.00 | 0.01 | | |
| | | | E604447 | 260.00 | 261.00 | 1.00 | 0.04 | | |
| | | | E604448 | 261.00 | 261.50 | 0.50 | 0.00 | | |
| | | | E604449 | 261.50 | 262.00 | 0.50 | 0.00 | | |
| | | | E604450 | 262.00 | 262.50 | 0.50 | 0.00 | | |
| | | | E601475 | 262.50 | 263.00 | 0.50 | 0.00 | | |
| | | | E601476 | 263.00 | 263.50 | 0.50 | 0.01 | | |
| | | | E601477 | 263.50 | 264.00 | 0.50 | 0.00 | | |
| | | | E601478 | 264.00 | 264.50 | 0.50 | 0.01 | | |
| | | | E601479 | 264.50 | 265.00 | 0.50 | 0.01 | | |
| | | | E601481 | 265.00 | 266.00 | 1.00 | 0.01 | | |
| | | | E601482 | 266.00 | 267.00 | 1.00 | 0.01 | | |
| | | | E601483 | 267.00 | 268.00 | 1.00 | 0.00 | | |
| | | | E601484 | 268.00 | 269.00 | 1.00 | 0.00 | | |
| | | | E601485 | 269.00 | 270.00 | 1.00 | 0.01 | | |
| | | | E601486 | 270.00 | 271.00 | 1.00 | 0.01 | | |
| | | | E601487 | 271.00 | 272.00 | 1.00 | 0.06 | | |
| | | | E601488 | 272.00 | 273.50 | 1.50 | 0.01 | | |

Hole Number: H14-O24

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 272.10 | 291.64 | VMM, MAFIC VOLCANIC MASSIVE Massive mafic volcanics. Light to med grey green in colour. Fine grained. Locally broken up from 272.5-274.75; blocky ground. Moderate, patchy magnetism through unit. Chlorite, minor epidote alteration seen throughout. Minimal sulphide. Trace-0.5%. Quartz-carb veinlets, <2% overall. | E601489 | 273.50 | 275.00 | 1.50 | 0.00 | | |
| | | | E601490 | 275.00 | 276.00 | 1.00 | 0.01 | | |
| | | | E601491 | 276.00 | 276.60 | 0.60 | 0.00 | | |
| | | | E601492 | 276.60 | 277.20 | 0.60 | 0.01 | | |
| | | | E601493 | 277.20 | 278.00 | 0.80 | 0.01 | | |
| | | | E601494 | 278.00 | 279.00 | 1.00 | 0.00 | | |
| | | | E601496 | 284.00 | 285.50 | 1.50 | 0.01 | | |
| | | | E601497 | 285.50 | 286.00 | 0.50 | 0.04 | | |
| | | | E601498 | 286.00 | 286.50 | 0.50 | 0.01 | | |
| | | | E601499 | 286.50 | 287.50 | 1.00 | 0.00 | | |
| | | | E601500 | 287.50 | 288.00 | 0.50 | 0.00 | | |
| | | | E601772 | 288.00 | 289.00 | 1.00 | 0.01 | | |
| | | | E601773 | 289.00 | 290.00 | 1.00 | 0.00 | | |
| | | | E601774 | 290.00 | 290.50 | 0.50 | 0.01 | | |
| | | | E601775 | 290.50 | 291.50 | 1.00 | 0.00 | | |
| | | | E601776 | 291.50 | 292.00 | 0.50 | 0.00 | | |
| 291.64 | 315.40 | VMV, MAFIC VOLCANIC VARIOLITIC Variolitic mafic volcanic. med grey to green in colour, fine grained. Varioles appear as 5mm - 1cm scale and are light green varioles. Local, patchy hematite alteration within unit. Local, weak brecciation can be seen within unit. Patchy, moderate magnetism present in unit along with pervasive chlorite alteration. 1-2% carbonate/quartz stringers to veinlets, some veinlets have up to 5% blebby style pyrite. Trace - 0.5% fg pyrite, overall. | E601777 | 292.00 | 293.00 | 1.00 | 0.00 | | |
| | | | E601778 | 293.00 | 294.00 | 1.00 | 0.00 | | |
| | | | E601779 | 294.00 | 295.00 | 1.00 | 0.01 | | |
| | | | E601781 | 295.00 | 296.00 | 1.00 | 0.01 | | |
| | | | E601782 | 296.00 | 297.00 | 1.00 | 0.02 | | |
| | | | E601783 | 297.00 | 298.00 | 1.00 | 0.03 | | |
| | | | E601784 | 298.00 | 299.00 | 1.00 | 0.00 | | |
| | | | E601785 | 299.00 | 300.00 | 1.00 | 0.00 | | |
| | | | E601786 | 300.00 | 301.00 | 1.00 | 0.00 | | |
| | | | E601787 | 301.00 | 302.00 | 1.00 | 0.01 | | |
| | | | E601788 | 302.00 | 303.00 | 1.00 | 0.06 | | |
| | | | E601789 | 303.00 | 304.00 | 1.00 | 0.01 | | |
| | | | E601790 | 304.00 | 305.00 | 1.00 | 0.00 | | |
| | | | E601791 | 305.00 | 306.00 | 1.00 | 0.02 | | |
| | | | E601792 | 306.00 | 307.00 | 1.00 | 0.01 | | |
| | | | E601793 | 307.00 | 308.00 | 1.00 | 0.01 | | |
| | | | E601794 | 308.00 | 309.00 | 1.00 | 0.02 | | |
| | | | E601796 | 309.00 | 310.00 | 1.00 | 0.01 | | |
| | | | E601797 | 310.00 | 311.00 | 1.00 | 0.01 | | |
| | | | E601798 | 311.00 | 312.00 | 1.00 | 0.01 | | |
| | | | E601799 | 312.00 | 313.00 | 1.00 | 0.01 | | |
| | | | E601800 | 313.00 | 314.00 | 1.00 | 0.02 | | |
| | | | E601401 | 314.00 | 315.00 | 1.00 | 0.01 | | |
| | | | E601402 | 315.00 | 315.40 | 0.40 | 0.02 | | |

Hole Number: H14-024

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 315.40 | 321.37 | VMX, MAFIC BRECCIA Brecciated mafic volcanic. Light green/buff brown to light grey in colour. Unit is fine grained. Overall, strongly brecciated. Patchy, weak sericite alteration within. Minor epidote seen as small stringers. Locally foliated at ~ 45 degrees to CA. Begining of unit has an increased amount of carbonate quartz veinlets to vein oriented at all angles TCA. Fine grained pyrite more prominent in sericite altered sections. Overall, 1-2% pyrite through unit. | E601403 | 315.40 | 316.00 | 0.60 | 0.18 | | |
| | | | E601404 | 316.00 | 316.80 | 0.80 | 0.25 | | |
| | | | E601405 | 316.80 | 317.25 | 0.45 | 1.65 | | |
| | | | E601406 | 317.25 | 317.60 | 0.35 | 10.00 | | 10.70 |
| | | | E601407 | 317.60 | 318.00 | 0.40 | 10.00 | | 15.40 |
| | | | E601408 | 318.00 | 318.50 | 0.50 | 10.00 | | 15.50 |
| | | | E601409 | 318.50 | 319.00 | 0.50 | 2.98 | | |
| | | | E601411 | 319.00 | 319.50 | 0.50 | 4.09 | | |
| | | | E601412 | 319.50 | 320.00 | 0.50 | 1.81 | | |
| | | | E601413 | 320.00 | 320.50 | 0.50 | 3.86 | | |
| | | | E601414 | 320.50 | 321.00 | 0.50 | 1.74 | | |
| | | | E601415 | 321.00 | 322.00 | 1.00 | 0.87 | | |

DETAILED LOG

Hole Number: H14-O24

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 321.37 | 399.00 | VMV, MAFIC VOLCANIC VARIOLITIC Variolitic textured mafics. Dark green to tan patchy red-purple in colour. Aphanitic to fine grained. Varioles appear as mm-1cm scale and are light to dark green or red in colour. Moderate, pervasive chlorite. Moderate patches of hematite and sericite alteration occur throughout. 1-2% carbonate/quartz stringers to veinlets through unit. Increase sulphide towards end of unit starting at ~ 366.5; 0.5-1% fg disseminated pyrite. Overall, trace-0.5% through entire unit. EOH | E601416 | 322.00 | 323.00 | 1.00 | 0.01 | | |
| | | | E601417 | 323.00 | 324.00 | 1.00 | 0.00 | | |
| | | | E601418 | 324.00 | 325.00 | 1.00 | 0.00 | | |
| | | | E601419 | 325.00 | 326.00 | 1.00 | 0.01 | | |
| | | | E601420 | 326.00 | 327.00 | 1.00 | 0.00 | | |
| | | | E601421 | 327.00 | 328.00 | 1.00 | 0.00 | | |
| | | | E601422 | 328.00 | 329.00 | 1.00 | 0.01 | | |
| | | | E601423 | 329.00 | 330.00 | 1.00 | 0.01 | | |
| | | | E601425 | 330.00 | 331.00 | 1.00 | 0.01 | | |
| | | | E601426 | 331.00 | 331.90 | 0.90 | 0.03 | | |
| | | | E601427 | 352.00 | 353.00 | 1.00 | 0.30 | | |
| | | | E601428 | 353.00 | 353.50 | 0.50 | 0.94 | | |
| | | | E601429 | 353.50 | 354.00 | 0.50 | 0.44 | | |
| | | | E601430 | 354.00 | 354.50 | 0.50 | 0.11 | | |
| | | | E601431 | 354.50 | 355.00 | 0.50 | 0.41 | | |
| | | | E601432 | 355.00 | 356.00 | 1.00 | 0.01 | | |
| | | | E601433 | 366.00 | 367.00 | 1.00 | 0.06 | | |
| | | | E601435 | 367.00 | 368.00 | 1.00 | 0.81 | | |
| | | | E601436 | 368.00 | 369.00 | 1.00 | 2.73 | | |
| | | | E601437 | 369.00 | 369.70 | 0.70 | 0.02 | | |
| | | | E601438 | 369.70 | 370.20 | 0.50 | 0.83 | | |
| | | | E601439 | 370.20 | 370.70 | 0.50 | 0.11 | | |
| | | | E601440 | 370.70 | 371.30 | 0.60 | 6.23 | | |
| | | | E601441 | 371.30 | 372.00 | 0.70 | 0.01 | | |
| | | | E601442 | 372.00 | 373.00 | 1.00 | 0.01 | | |
| | | | E601443 | 373.00 | 374.00 | 1.00 | 0.03 | | |
| | | | E601444 | 374.00 | 375.00 | 1.00 | 0.27 | | |
| | | | E601445 | 375.00 | 376.00 | 1.00 | 0.88 | | |
| | | | E601446 | 376.00 | 377.00 | 1.00 | 0.31 | | |
| | | | E601447 | 377.00 | 378.00 | 1.00 | 0.16 | | |
| | | | E601448 | 378.00 | 379.00 | 1.00 | 0.24 | | |
| | | | E601450 | 379.00 | 380.00 | 1.00 | 0.07 | | |
| | | | E601801 | 380.00 | 381.00 | 1.00 | 0.03 | | |
| | | | E601802 | 381.00 | 382.50 | 1.50 | 0.30 | | |
| | | | E601803 | 382.50 | 383.50 | 1.00 | 0.29 | | |
| | | | E601804 | 383.50 | 384.50 | 1.00 | 0.11 | | |
| | | | E601805 | 384.50 | 385.50 | 1.00 | 0.41 | | |
| | | | E601806 | 385.50 | 386.00 | 0.50 | 0.01 | | |
| | | | E601807 | 386.00 | 386.50 | 0.50 | 0.04 | | |
| | | | E601808 | 386.50 | 387.00 | 0.50 | 0.04 | | |
| | | | E601809 | 387.00 | 388.00 | 1.00 | 0.16 | | |
| | | | E601810 | 388.00 | 389.00 | 1.00 | 0.07 | | |
| | | | E601811 | 389.00 | 390.00 | 1.00 | 0.25 | | |

Hole Number: H14-O24

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E601812 | 390.00 | 391.00 | 1.00 | 1.19 | | |
| | | | E601813 | 391.00 | 392.10 | 1.10 | 0.41 | | |
| | | | E601814 | 392.10 | 393.00 | 0.90 | 0.15 | | |
| | | | E601816 | 393.00 | 394.00 | 1.00 | 0.03 | | |
| | | | E601817 | 394.00 | 395.00 | 1.00 | 0.49 | | |
| | | | E601818 | 395.00 | 395.50 | 0.50 | 0.61 | | |
| | | | E601819 | 395.50 | 396.00 | 0.50 | 0.17 | | |
| | | | E601820 | 396.00 | 396.50 | 0.50 | 0.04 | | |
| | | | E601821 | 396.50 | 397.50 | 1.00 | 0.29 | | |
| | | | E601822 | 397.50 | 398.00 | 0.50 | 0.02 | | |
| | | | E601823 | 398.00 | 399.00 | 1.00 | 0.03 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601254 | 117.00 | 118.50 | 0.0060 | 0.0053 | |
| E601255 | 118.50 | 120.00 | 0.0050 | | |
| E601256 | 120.00 | 121.50 | 0.0080 | | |
| E601257 | 121.50 | 122.30 | 0.0050 | | |
| E601258 | 122.30 | 123.00 | 0.0130 | | |
| E601259 | 123.00 | 123.80 | 0.0080 | | |
| E601260 | 123.80 | 124.50 | 0.0030 | | |
| E601261 | 124.50 | 125.20 | 0.0050 | | |
| E601262 | 125.20 | 126.00 | 0.0080 | | |
| E601263 | 126.00 | 126.80 | 0.0020 | | |
| E601264 | 126.80 | 127.50 | 0.0020 | | |
| E601266 | 127.50 | 128.40 | 0.8820 | | |
| E601267 | 144.00 | 144.60 | 0.0030 | | |
| E601268 | 144.60 | 146.10 | 0.0050 | | |
| E601269 | 146.10 | 147.00 | 0.0050 | | |
| E601270 | 147.00 | 147.90 | 0.0260 | | |
| E601271 | 147.90 | 148.90 | 0.0050 | | |
| E601272 | 148.90 | 149.60 | 0.0140 | | |
| E601273 | 149.60 | 150.40 | 0.0030 | | |
| E601274 | 150.40 | 151.60 | 0.0020 | 0.0020 | |
| E601276 | 151.60 | 153.00 | 0.0020 | | |
| E601277 | 153.00 | 154.30 | 0.0100 | | |
| E601278 | 154.30 | 155.00 | 0.0030 | | |
| E601279 | 155.00 | 156.20 | 0.0030 | | |
| E601280 | 156.20 | 157.10 | 0.0150 | | |
| E601281 | 157.10 | 157.80 | 0.0080 | | |

Hole Number: H14-O24

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601282 | 157.80 | 159.00 | 0.0030 | | |
| E601283 | 159.00 | 160.50 | 0.0370 | | |
| E601284 | 160.50 | 162.00 | 0.0450 | | |
| E601286 | 162.00 | 163.50 | 0.0180 | | |
| E601287 | 163.50 | 165.00 | 0.0090 | | |
| E601288 | 165.00 | 165.50 | 0.1140 | | |
| E601289 | 165.50 | 167.00 | 0.0040 | | |
| E601290 | 201.00 | 202.00 | 0.0040 | | |
| E601291 | 202.00 | 202.50 | 0.0050 | | |
| E601292 | 202.50 | 203.50 | 0.0040 | | |
| E601293 | 203.50 | 204.00 | 0.0090 | | |
| E601294 | 204.00 | 204.40 | 0.0050 | | |
| E601295 | 204.40 | 205.00 | 0.0590 | | |
| E601296 | 205.00 | 205.50 | 0.0030 | | |
| E601297 | 205.50 | 206.00 | 0.0070 | | |
| E601298 | 206.00 | 207.00 | 0.0050 | | |
| E601299 | 207.00 | 208.00 | 0.0050 | | |
| E601300 | 208.00 | 209.00 | 0.0030 | | |
| E604408 | 209.00 | 210.00 | 0.0080 | | |
| E604410 | 210.00 | 211.00 | 0.0070 | | |
| E604411 | 211.00 | 212.00 | 0.0040 | | |
| E604412 | 212.00 | 213.00 | 0.0040 | | |
| E604413 | 213.00 | 214.00 | 0.0020 | | |
| E604414 | 214.00 | 215.00 | 0.0030 | | |
| E604415 | 215.00 | 216.00 | 0.0180 | | |
| E604416 | 216.00 | 217.00 | 0.0180 | | |
| E604417 | 217.00 | 218.00 | 0.0060 | | |
| E604418 | 218.00 | 219.00 | 0.0040 | | |
| E604419 | 219.00 | 220.00 | 0.0050 | | |
| E604420 | 220.00 | 221.00 | 0.0080 | | |
| E604422 | 221.00 | 222.00 | 0.0060 | | |
| E604423 | 222.00 | 223.00 | 0.0070 | | |
| E604424 | 223.00 | 223.50 | 0.0100 | | |
| E604425 | 223.50 | 224.20 | 0.0130 | | |
| E604426 | 224.20 | 225.00 | 0.1950 | | |
| E604427 | 225.00 | 226.00 | 0.0060 | | |
| E604428 | 226.00 | 227.00 | 0.0080 | | |
| E604429 | 227.00 | 228.00 | 0.0040 | | |
| E604431 | 228.00 | 229.00 | 0.0080 | | |

Hole Number: H14-O24

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E604432 | 229.00 | 229.50 | 0.0030 | | |
| E604433 | 229.50 | 230.30 | 0.0080 | | |
| E604434 | 230.30 | 230.70 | 0.0080 | | |
| E604435 | 230.70 | 231.10 | 0.0040 | | |
| E604436 | 231.10 | 231.50 | 0.0030 | | |
| E604437 | 231.50 | 232.00 | 0.0030 | | |
| E604438 | 232.00 | 232.60 | 0.0080 | | |
| E604439 | 232.60 | 233.00 | 0.0020 | | |
| E604441 | 233.00 | 234.00 | 0.0060 | | |
| E604442 | 234.00 | 234.70 | 0.0050 | | |
| E604443 | 234.70 | 235.50 | 0.0180 | | |
| E604444 | 235.50 | 236.00 | 0.3410 | | |
| E604445 | 236.00 | 237.00 | 0.0060 | | |
| E604446 | 237.00 | 238.00 | 0.0070 | | |
| E604447 | 260.00 | 261.00 | 0.0370 | | |
| E604448 | 261.00 | 261.50 | 0.0040 | | |
| E604449 | 261.50 | 262.00 | 0.0030 | | |
| E604450 | 262.00 | 262.50 | 0.0040 | | |
| E601475 | 262.50 | 263.00 | 0.0020 | | |
| E601476 | 263.00 | 263.50 | 0.0050 | | |
| E601477 | 263.50 | 264.00 | 0.0030 | | |
| E601478 | 264.00 | 264.50 | 0.0060 | | |
| E601479 | 264.50 | 265.00 | 0.0050 | | |
| E601481 | 265.00 | 266.00 | 0.0050 | | |
| E601482 | 266.00 | 267.00 | 0.0060 | | |
| E601483 | 267.00 | 268.00 | 0.0030 | | |
| E601484 | 268.00 | 269.00 | 0.0010 | | |
| E601485 | 269.00 | 270.00 | 0.0100 | | |
| E601486 | 270.00 | 271.00 | 0.0050 | | |
| E601487 | 271.00 | 272.00 | 0.0600 | | |
| E601488 | 272.00 | 273.50 | 0.0140 | | |
| E601489 | 273.50 | 275.00 | 0.0020 | | |
| E601490 | 275.00 | 276.00 | 0.0060 | | |
| E601491 | 276.00 | 276.60 | 0.0030 | | |
| E601492 | 276.60 | 277.20 | 0.0090 | | |
| E601493 | 277.20 | 278.00 | 0.0050 | | |
| E601494 | 278.00 | 279.00 | 0.0020 | | |
| E601496 | 284.00 | 285.50 | 0.0080 | | |
| E601497 | 285.50 | 286.00 | 0.0360 | | |

Hole Number: H14-O24

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601498 | 286.00 | 286.50 | 0.0070 | | |
| E601499 | 286.50 | 287.50 | 0.0030 | | |
| E601500 | 287.50 | 288.00 | 0.0040 | | |
| E601772 | 288.00 | 289.00 | 0.0060 | | |
| E601773 | 289.00 | 290.00 | 0.0030 | | |
| E601774 | 290.00 | 290.50 | 0.0060 | | |
| E601775 | 290.50 | 291.50 | 0.0030 | | |
| E601776 | 291.50 | 292.00 | 0.0040 | | |
| E601777 | 292.00 | 293.00 | 0.0040 | | |
| E601778 | 293.00 | 294.00 | 0.0040 | | |
| E601779 | 294.00 | 295.00 | 0.0050 | | |
| E601781 | 295.00 | 296.00 | 0.0090 | | |
| E601782 | 296.00 | 297.00 | 0.0170 | | |
| E601783 | 297.00 | 298.00 | 0.0270 | | |
| E601784 | 298.00 | 299.00 | 0.0030 | | |
| E601785 | 299.00 | 300.00 | 0.0030 | | |
| E601786 | 300.00 | 301.00 | 0.0040 | | |
| E601787 | 301.00 | 302.00 | 0.0050 | | |
| E601788 | 302.00 | 303.00 | 0.0600 | | |
| E601789 | 303.00 | 304.00 | 0.0070 | | |
| E601790 | 304.00 | 305.00 | 0.0040 | | |
| E601791 | 305.00 | 306.00 | 0.0190 | | |
| E601792 | 306.00 | 307.00 | 0.0070 | | |
| E601793 | 307.00 | 308.00 | 0.0130 | | |
| E601794 | 308.00 | 309.00 | 0.0180 | | |
| E601796 | 309.00 | 310.00 | 0.0090 | | |
| E601797 | 310.00 | 311.00 | 0.0070 | | |
| E601798 | 311.00 | 312.00 | 0.0080 | | |
| E601799 | 312.00 | 313.00 | 0.0120 | | |
| E601800 | 313.00 | 314.00 | 0.0160 | | |
| E601401 | 314.00 | 315.00 | 0.0140 | | |
| E601402 | 315.00 | 315.40 | 0.0170 | | |
| E601403 | 315.40 | 316.00 | 0.1830 | | |
| E601404 | 316.00 | 316.80 | 0.2490 | | |
| E601405 | 316.80 | 317.25 | 1.6500 | | |
| E601406 | 317.25 | 317.60 | 10.0000 | | 10.7000 |
| E601407 | 317.60 | 318.00 | 10.0000 | | 15.4000 |
| E601408 | 318.00 | 318.50 | 10.0000 | | 15.5000 |
| E601409 | 318.50 | 319.00 | 2.9800 | | |

Hole Number: H14-O24

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601411 | 319.00 | 319.50 | 4.0900 | | |
| E601412 | 319.50 | 320.00 | 1.8100 | | |
| E601413 | 320.00 | 320.50 | 3.8600 | | |
| E601414 | 320.50 | 321.00 | 1.7400 | | |
| E601415 | 321.00 | 322.00 | 0.8680 | | |
| E601416 | 322.00 | 323.00 | 0.0080 | | |
| E601417 | 323.00 | 324.00 | 0.0040 | | |
| E601418 | 324.00 | 325.00 | 0.0040 | | |
| E601419 | 325.00 | 326.00 | 0.0070 | | |
| E601420 | 326.00 | 327.00 | 0.0030 | | |
| E601421 | 327.00 | 328.00 | 0.0020 | | |
| E601422 | 328.00 | 329.00 | 0.0060 | | |
| E601423 | 329.00 | 330.00 | 0.0070 | | |
| E601425 | 330.00 | 331.00 | 0.0100 | | |
| E601426 | 331.00 | 331.90 | 0.0330 | | |
| E601427 | 352.00 | 353.00 | 0.2950 | | |
| E601428 | 353.00 | 353.50 | 0.9380 | | |
| E601429 | 353.50 | 354.00 | 0.4390 | | |
| E601430 | 354.00 | 354.50 | 0.1070 | | |
| E601431 | 354.50 | 355.00 | 0.4090 | | |
| E601432 | 355.00 | 356.00 | 0.0110 | | |
| E601433 | 366.00 | 367.00 | 0.0570 | | |
| E601435 | 367.00 | 368.00 | 0.8110 | | |
| E601436 | 368.00 | 369.00 | 2.7300 | | |
| E601437 | 369.00 | 369.70 | 0.0210 | | |
| E601438 | 369.70 | 370.20 | 0.8290 | | |
| E601439 | 370.20 | 370.70 | 0.1050 | | |
| E601440 | 370.70 | 371.30 | 6.2300 | | |
| E601441 | 371.30 | 372.00 | 0.0110 | | |
| E601442 | 372.00 | 373.00 | 0.0130 | | |
| E601443 | 373.00 | 374.00 | 0.0260 | | |
| E601444 | 374.00 | 375.00 | 0.2730 | | |
| E601445 | 375.00 | 376.00 | 0.8830 | | |
| E601446 | 376.00 | 377.00 | 0.3060 | | |
| E601447 | 377.00 | 378.00 | 0.1570 | | |
| E601448 | 378.00 | 379.00 | 0.2410 | | |
| E601450 | 379.00 | 380.00 | 0.0690 | | |
| E601801 | 380.00 | 381.00 | 0.0280 | | |
| E601802 | 381.00 | 382.50 | 0.2990 | | |

Hole Number: H14-024

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601803 | 382.50 | 383.50 | 0.2880 | | |
| E601804 | 383.50 | 384.50 | 0.1080 | | |
| E601805 | 384.50 | 385.50 | 0.4050 | | |
| E601806 | 385.50 | 386.00 | 0.0070 | | |
| E601807 | 386.00 | 386.50 | 0.0390 | | |
| E601808 | 386.50 | 387.00 | 0.0410 | | |
| E601809 | 387.00 | 388.00 | 0.1600 | | |
| E601810 | 388.00 | 389.00 | 0.0710 | | |
| E601811 | 389.00 | 390.00 | 0.2500 | | |
| E601812 | 390.00 | 391.00 | 1.1900 | | |
| E601813 | 391.00 | 392.10 | 0.4100 | | |
| E601814 | 392.10 | 393.00 | 0.1480 | | |
| E601816 | 393.00 | 394.00 | 0.0310 | | |
| E601817 | 394.00 | 395.00 | 0.4850 | | |
| E601818 | 395.00 | 395.50 | 0.6140 | | |
| E601819 | 395.50 | 396.00 | 0.1730 | | |
| E601820 | 396.00 | 396.50 | 0.0420 | | |
| E601821 | 396.50 | 397.50 | 0.2860 | | |
| E601822 | 397.50 | 398.00 | 0.0190 | | |
| E601823 | 398.00 | 399.00 | 0.0290 | | |

| | |
|-----|---------|
| VMM | 632.30 |
| | 638.10 |
| VMP | 638.10 |
| | 650.70 |
| VMM | 650.70 |
| | 660.10 |
| VMA | 660.10 |
| | 664.40 |
| QVO | 664.40 |
| | 665.40 |
| VMM | 665.40 |
| | 728.60 |
| ACG | 728.60 |
| | 752.50 |
| ISO | 752.50 |
| | 753.20 |
| ACG | 753.20 |
| | 757.00 |
| VUO | 757.00 |
| | 762.10 |
| ACG | 762.10 |
| | 764.20 |
| VMO | 764.20 |
| | 765.00 |
| VUO | 765.00 |
| | 784.20 |
| ACG | 784.20 |
| | 792.50 |
| VMO | 792.50 |
| | 796.60 |
| VUO | 796.60 |
| | 871.80 |
| ACG | 871.80 |
| | 906.10 |
| VMO | 906.10 |
| | 1029.10 |
| ACG | 1029.10 |
| | 1043.40 |
| VMO | 1043.40 |
| | 1128.70 |
| IPO | 1128.70 |
| | 1135.20 |

| | |
|-----|---------|
| | 1135.20 |
| VMO | 1154.00 |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -90.00 |
| Project Number: HISLOP | North: 5372112.00 | North: | Collar Az: 360.00 |
| Location: Hislop Township | East: 551974.00 | East: | Length: 1,154.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: May 18, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Dec 10, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 1,154.00 |

Comments: First stage of drilling to 750m was completed on June 3, 2014. Directional drilling started on November 17th and completed on December 10th.

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|---------|--------------------|----------------|--------------|------|-------------------------------|---------|--------------------|----------------|--------------|------|----------|
| 0.00 | 0 | -90.00 | EZ Sho | OK | Planned collar; vertical hole | 54.00 | 262.70 | -89.60 | EZ Sho | OK | |
| 99.00 | 138.60 | -89.50 | EZ Sho | OK | | 150.00 | 44.20 | -89.10 | EZ Sho | OK | |
| 201.00 | 71.30 | -89.30 | EZ Sho | OK | | 255.00 | 44.40 | -88.40 | EZ Sho | OK | |
| 302.00 | 42.20 | -88.30 | EZ Sho | OK | | 354.00 | 29.10 | -88.80 | EZ Sho | OK | |
| 402.00 | 34.50 | -88.70 | EZ Sho | OK | | 456.00 | 14.90 | -88.30 | EZ Sho | OK | |
| 507.00 | 5.00 | -88.50 | EZ Sho | OK | | 555.00 | 26.00 | -88.20 | EZ Sho | OK | |
| 603.00 | 19.80 | -88.50 | EZ Sho | OK | | 651.00 | 350.30 | -88.20 | EZ Sho | OK | |
| 699.00 | 357.30 | -87.70 | EZ Sho | OK | | 750.00 | 9.30 | -87.30 | EZ Sho | OK | |
| 751.00 | 7.20 | -87.00 | EZ Sho | OK | | 754.00 | 6.60 | -86.89 | EZ Sho | OK | |
| 760.00 | 346.20 | -86.42 | EZ Sho | OK | | 763.00 | 333.50 | -86.19 | EZ Sho | OK | |
| 766.00 | 319.30 | -86.15 | EZ Sho | OK | | 769.00 | 312.80 | -86.20 | EZ Sho | OK | |
| 772.00 | 302.10 | -86.20 | EZ Sho | OK | | 775.00 | 302.10 | -86.20 | EZ Sho | OK | |
| 778.00 | 296.53 | -85.83 | EZ Sho | OK | | 781.00 | 288.05 | -85.32 | EZ Sho | OK | |
| 784.00 | 272.96 | -84.13 | EZ Sho | OK | | 787.00 | 268.04 | -83.74 | EZ Sho | OK | |
| 790.00 | 263.10 | -83.90 | EZ Sho | OK | | 793.00 | 264.70 | -83.88 | EZ Sho | OK | |
| 796.00 | 267.80 | -83.48 | EZ Sho | OK | | 824.00 | 280.30 | -83.00 | EZ Sho | OK | |
| 848.00 | 278.70 | -83.50 | EZ Sho | OK | | 872.00 | 277.60 | -83.50 | EZ Sho | OK | |
| 896.00 | 280.10 | -83.50 | EZ Sho | OK | | 920.00 | 296.10 | -79.20 | EZ Sho | OK | |
| 944.00 | 285.60 | -83.30 | EZ Sho | OK | | 968.00 | 288.60 | -83.20 | EZ Sho | OK | |
| 992.00 | 295.70 | -83.50 | EZ Sho | OK | | 1016.00 | 301.00 | -83.40 | EZ Sho | OK | |
| 1040.00 | 305.30 | -83.00 | EZ Sho | OK | | 1064.00 | 307.10 | -83.20 | EZ Sho | OK | |
| 1088.00 | 311.90 | -83.00 | EZ Sho | OK | 1112.00 | 313.30 | -82.80 | EZ Sho | OK | | |
| 1136.00 | 319.00 | -82.40 | EZ Sho | OK | 1154.00 | 305.30 | -83.00 | EZ Sho | OK | | |

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 30.00 | HPO, OVERBURDEN OVERBURDEN - 30m of casing used. | | | | | | | |
| 30.00 | 43.70 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGDALOIDAL FLOW - Rock is grey to pink. Aphanitic. Amygdules/varioles up to 1cm in diameter. Brecciated with CHL fractures moderately present. Specular hematite fracture controlled. Weak patchy hematite. Weak fracture controlled SER. 1-2% medium grained disseminated PY appears to be primary/euhedral. Low frequency of QZ fractures and CAR fractures. Minor shear near end of unit. Rock is hard with patchy magnetism. | | | | | | | |
| 43.70 | 47.70 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is grey. Fine grained. Gradational upper contact. May be continuation of unit above with less bleaching/feldspar alteration. Weak fracture controlled He with some CAR alteration. Trace sulphides. Low frequency of CAR stringers. Rock is soft with no mag. | | | | | | | |
| 47.70 | 73.00 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGDALOIDAL FLOW - Same as previous. Increased disseminated PY near end of unit with QZ veining. Unit ends at a shear | E5153110 | 66.50 | 67.70 | 1.20 | 0.02 | 0.02 | |
| | | | E5153111 | 67.70 | 68.70 | 1.00 | 0.04 | | |
| | | | E5153112 | 68.70 | 69.50 | 0.80 | 0.42 | | |
| | | | E5153113 | 69.50 | 70.40 | 0.90 | 0.13 | | |
| | | | E5153115 | 70.40 | 71.20 | 0.80 | 0.21 | | |
| | | | E5153116 | 71.20 | 72.00 | 0.80 | 0.04 | | |
| 73.00 | 171.70 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is pale green. Fine grained. Same VMM as previous with some weak brecciated intervals. Weak disseminated LCX. Trace PY. Moderate frequency of QZ/CAR veinlets at various angles. Some minor shears at low angles TCA | E5153118 | 73.00 | 73.80 | 0.80 | 0.02 | | |
| | | | E5153119 | 73.80 | 74.40 | 0.60 | 0.00 | | |
| | | | E5153120 | 74.40 | 75.00 | 0.60 | 0.01 | | |
| 171.70 | 182.10 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is dark green with large creamy pink varioles. Aphanitic. Distinct upper contact 80 degrees TCA. Weak patchy HE and CHL alteration. Trace PY. Low frequency of CAR fractures. Minor brecciation at top of unit and shear at end of unit. Rock is moderate with no magnetism. | | | | | | | |
| 182.10 | 187.30 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Similar to VMM above. | | | | | | | |
| 187.30 | 189.70 | IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY - Rock is salmon pink. Massive with feldspar phenocrysts up to 1cm. Possibly syenitic. Vuggy fractures throughout. Low concentration of fracture filling PY. Rock is hard with no magnetism. | | | | | | | |

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 189.70 | 252.00 | VMM, MAFIC VOLCANIC MASSIVE MAFIC VOLCANIC ROCK WITH SOME FRACTURED ALTERATION - Rock is greyish green with some pink altered/bleached intervals. Fine grained. Upper contact marked at fracture. Weak patches of brecciation. Trace PY. Low frequency of QZ/CAR veinlets and fractures. Alteration pattern similar to VMA at start of unit, but not as pervasive. Weak fracture filling HE and SER. Rock is soft with no magnetism. | E5153121 | 242.10 | 243.10 | 1.00 | 0.01 | | |
| | | | E5153122 | 243.10 | 243.70 | 0.60 | 0.11 | | |
| | | | E5153123 | 243.70 | 244.80 | 1.10 | 0.00 | 0.01 | |
| | | | E5153125 | 244.80 | 246.00 | 1.20 | 0.01 | | |
| | | | E5153126 | 246.00 | 247.00 | 1.00 | 0.59 | 0.57 | |
| | | | E5153127 | 247.00 | 247.30 | 0.30 | 0.02 | | |
| | | | E5153128 | 247.30 | 248.60 | 1.30 | 0.00 | | |
| | | | E5153129 | 248.60 | 249.80 | 1.20 | 0.00 | | |
| | | | E5153130 | 249.80 | 251.20 | 1.40 | 0.00 | | |
| | | | E5153131 | 251.20 | 252.00 | 0.80 | 0.01 | | |
| 252.00 | 354.10 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - •Rock is dark green. Aphanitic. Gradational upper contact with decrease in SER alteration. Weak fracture controlled EP and HE alteration. Trace to very low concentrations of PY. Low frequency of QZ/CAR veinlets/fractures. Minor rubble fault and shear spread out in unit. Rock is soft with semi-pervasive moderate magnetism. | E5153132 | 252.00 | 253.00 | 1.00 | 0.00 | | |
| | | | E5153133 | 343.40 | 344.40 | 1.00 | 0.01 | | |
| | | | E5153134 | 344.40 | 345.00 | 0.60 | 0.19 | | |
| | | | E5153136 | 345.00 | 346.00 | 1.00 | 0.00 | | |
| 354.10 | 364.40 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGDALOIDAL FLOW - Rock is dark green. Amygdules up to 1mm in diameter. Trace to very low concentrations of PY. Moderate frequency of QZ veining. Rock is soft with moderate magnetism. | | | | | | | |
| 364.40 | 437.40 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Aphanitic. Distinct upper contact 40 degrees TCA. Weak fracture filling EP and patch hematite alteration. Trace concentrations of PY. Low frequency of CAR stringers/fractures. Rock is soft with patchy moderate to strong magnetism. | E5153137 | 380.10 | 381.30 | 1.20 | 0.01 | | |
| | | | E5153138 | 381.30 | 382.20 | 0.90 | 0.07 | 0.08 | |
| | | | E5153139 | 382.20 | 383.00 | 0.80 | 0.01 | | |
| | | | E5153140 | 383.00 | 383.60 | 0.60 | 0.01 | | |
| | | | E5153141 | 383.60 | 384.50 | 0.90 | 0.04 | | |
| | | | E5153142 | 384.50 | 385.40 | 0.90 | 0.01 | | |
| 437.40 | 462.50 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC ROCK - Rock is dark green with minor patches of varioles. Fine grained. Upper contact marked where varioles begin. Weak EP and HE alteration throughout with some minor pervasive SIL and concentrated PY near top of unit. Rock is soft with moderate magnetism. | E5153143 | 437.40 | 438.80 | 1.40 | 0.32 | | |
| | | | E5153145 | 438.80 | 439.60 | 0.80 | 0.15 | | |
| | | | E5153146 | 439.60 | 440.50 | 0.90 | 10.00 | | 12.97 |
| | | | E5153147 | 440.50 | 441.30 | 0.80 | 10.00 | | 72.00 |
| | | | E5153148 | 441.30 | 442.40 | 1.10 | 1.98 | | |
| | | | E5153149 | 442.40 | 443.00 | 0.60 | 0.78 | | |
| | | | E5153150 | 443.00 | 444.00 | 1.00 | 0.58 | | |
| | | | E5153151 | 444.00 | 445.00 | 1.00 | 0.28 | 0.21 | |
| 462.50 | 473.10 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock appears to be the same litho as VMV previous without varioles. | | | | | | | |
| 473.10 | 480.30 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is same VMV as 2 units above. | | | | | | | |
| 480.30 | 492.80 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. See VMM 2 units above. | | | | | | | |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 492.80 | 508.30 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC FLOW - Rock is green with bleached intervals. Aphanitic. Distinct upper contact 35 degrees TCA marked at vein where brecciation and varioles occur afterwards. Patchy fracture controlled SIL and ALB alteration with some patchy HE. PY increases at depth along with alteration. locally brecciated. Brecciated QZ veins with xenoliths and some fractures present throughout. Rock is moderate with no magnetism. | E5153152 | 492.80 | 494.00 | 1.20 | 0.02 | | |
| | | | E5153153 | 494.00 | 494.90 | 0.90 | 0.01 | | |
| | | | E5153155 | 494.90 | 495.60 | 0.70 | 2.12 | | |
| | | | E5153156 | 495.60 | 496.20 | 0.60 | 1.95 | | |
| | | | E5153157 | 496.20 | 496.70 | 0.50 | 0.46 | | |
| | | | E5153158 | 496.70 | 498.00 | 1.30 | 0.68 | | |
| | | | E5153159 | 498.00 | 498.80 | 0.80 | 1.35 | | |
| | | | E5153160 | 498.80 | 499.90 | 1.10 | 1.06 | 1.03 | |
| | | | E5153161 | 499.90 | 501.00 | 1.10 | 0.42 | | |
| | | | E5153162 | 501.00 | 502.10 | 1.10 | 1.44 | | |
| | | | E5153163 | 502.10 | 503.30 | 1.20 | 4.97 | | |
| | | | E5153165 | 503.30 | 503.80 | 0.50 | 2.85 | | |
| | | | E5153166 | 503.80 | 505.00 | 1.20 | 0.43 | | |
| | | | E5153167 | 505.00 | 506.00 | 1.00 | 0.14 | | |
| | | | E5153168 | 506.00 | 507.20 | 1.20 | 0.11 | | |
| | | | E5153169 | 507.20 | 508.30 | 1.10 | 0.43 | | |
| 508.30 | 517.70 | VMV, MAFIC VOLCANIC VARIOLITIC MINERALIZED MAFIC VOLCANIC FLOW - Rock is bleached grey. Aphanitic. Continuation of VMV before, but with stronger mineralization. ALB/SIL alteration semi-pervasive but originating through veining and fractures. High concentrations of f.g. disseminated PY associated with alteration haloes. Some QZ veining with brecciated clasts at shallow angle TCA. Rock is hard with no magnetism. | E5153170 | 508.30 | 508.80 | 0.50 | 3.50 | | |
| | | | E5153171 | 508.80 | 509.30 | 0.50 | 2.50 | | |
| | | | E5153172 | 509.30 | 510.20 | 0.90 | 0.44 | 0.45 | |
| | | | E5153173 | 510.20 | 511.00 | 0.80 | 0.52 | | |
| | | | E5153175 | 511.00 | 511.80 | 0.80 | 0.58 | | |
| | | | E5153176 | 511.80 | 512.40 | 0.60 | 2.33 | | |
| | | | E5153177 | 512.40 | 513.20 | 0.80 | 4.87 | | |
| | | | E5153178 | 513.20 | 514.50 | 1.30 | 1.17 | | |
| | | | E5153179 | 514.50 | 515.50 | 1.00 | 0.35 | | |
| | | | E5153180 | 515.50 | 516.50 | 1.00 | 3.26 | | |
| | | | E5153181 | 516.50 | 517.70 | 1.20 | 0.49 | | |
| 517.70 | 526.80 | VMX, MAFIC BRECCIA BRECCIATED MAFIC VARIOLITIC FLOW - Rock is the same unit as VMV above except with stronger brecciation of rock and increased veining. Stronger, pervasive SIL and ALB alteration. Rock is hard with no magnetism. | E5153182 | 517.70 | 518.60 | 0.90 | 14.40 | 14.50 | |
| | | | E5153183 | 518.60 | 519.50 | 0.90 | 23.14 | 22.97 | |
| | | | E5153184 | 519.50 | 520.30 | 0.80 | 13.03 | 12.10 | |
| | | | E5153186 | 520.30 | 521.00 | 0.70 | 0.94 | | |
| | | | E5153187 | 521.00 | 521.90 | 0.90 | 0.66 | | |
| | | | E5153188 | 521.90 | 523.10 | 1.20 | 4.63 | | |
| | | | E5153189 | 523.10 | 524.10 | 1.00 | 0.57 | | |
| | | | E5153190 | 524.10 | 525.20 | 1.10 | 2.85 | | |
| | | | E5153191 | 525.20 | 525.80 | 0.60 | 1.89 | | |
| | | | E5153192 | 525.80 | 526.80 | 1.00 | 2.19 | | |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 526.80 | 533.10 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VAROLITIC ROCK - Rock is same as VMV 2 units above. Veining, sulphides and alteration appear to be same intensity as VMV unit also. Minor fractures/shearing with slickensides. Rock is hard with no magnetism. | E5153193 | 526.80 | 527.70 | 0.90 | 2.54 | | |
| | | | E5153194 | 527.70 | 528.60 | 0.90 | 4.08 | | |
| | | | E5153195 | 528.60 | 529.50 | 0.90 | 3.19 | | |
| | | | E5153197 | 529.50 | 530.40 | 0.90 | 1.65 | | |
| | | | E5153198 | 530.40 | 531.30 | 0.90 | 2.13 | | |
| | | | E5153199 | 531.30 | 532.20 | 0.90 | 13.27 | 13.03 | |
| | | | E5153200 | 532.20 | 533.10 | 0.90 | 2.81 | | |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 533.10 | 632.30 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VARIOLITIC ROCK - Rock is dark green and bleached. Similar VMV unit except weaker veining/alteration/sulphides. Varioles up to 1cm in diameter and more apparent. Minor vein/stringers with weak alteration haloes. Rubble zones and slickensides present throughout. Rock is moderate with patchy moderate magnetism. MINOR INTERVALS: Minor Interval: 593.80 - 594.20 SOO, SEDIMENTS UNDIVIDED | E5153201 | 533.10 | 534.40 | 1.30 | 2.06 | | |
| | | | E5153202 | 534.40 | 535.00 | 0.60 | 0.85 | | |
| | | | E5153203 | 535.00 | 536.00 | 1.00 | 2.33 | | |
| | | | E5153204 | 536.00 | 537.00 | 1.00 | 2.30 | | |
| | | | E5153206 | 537.00 | 538.00 | 1.00 | 8.50 | | |
| | | | E5153207 | 538.00 | 538.70 | 0.70 | 2.40 | | |
| | | | E5153208 | 538.70 | 539.10 | 0.40 | 0.18 | 0.19 | |
| | | | E5153209 | 539.10 | 540.00 | 0.90 | 0.15 | | |
| | | | E5153260 | 540.00 | 541.00 | 1.00 | 0.49 | 0.57 | |
| | | | E5153261 | 541.00 | 542.00 | 1.00 | 0.72 | | |
| | | | E5153262 | 542.00 | 543.00 | 1.00 | 0.14 | | |
| | | | E5153263 | 543.00 | 544.00 | 1.00 | 0.02 | | |
| | | | E5153265 | 544.00 | 545.00 | 1.00 | 0.06 | | |
| | | | E5153266 | 545.00 | 546.00 | 1.00 | 0.15 | | |
| | | | E5153267 | 546.00 | 547.00 | 1.00 | 0.01 | | |
| | | | E5153268 | 547.00 | 548.00 | 1.00 | 0.01 | | |
| | | | E5153269 | 548.00 | 549.00 | 1.00 | 0.00 | | |
| | | | E5153270 | 549.00 | 550.00 | 1.00 | 0.30 | | |
| | | | E5153271 | 550.00 | 551.00 | 1.00 | 0.01 | | |
| | | | E5153272 | 551.00 | 552.00 | 1.00 | 0.17 | 0.16 | |
| | | | E5153273 | 552.00 | 553.00 | 1.00 | 0.44 | | |
| | | | E5153274 | 553.00 | 554.00 | 1.00 | 0.61 | | |
| | | | E5153275 | 554.00 | 555.00 | 1.00 | 0.03 | | |
| | | | E5153276 | 555.00 | 556.00 | 1.00 | 0.31 | | |
| | | | E5153278 | 556.00 | 557.00 | 1.00 | 3.22 | | |
| | | | E5153279 | 557.00 | 558.00 | 1.00 | 0.47 | | |
| | | | E5153280 | 558.00 | 559.00 | 1.00 | 0.31 | | |
| | | | E5153281 | 559.00 | 560.00 | 1.00 | 1.18 | | |
| | | | E5153282 | 560.00 | 561.00 | 1.00 | 0.50 | | |
| | | | E5153283 | 561.00 | 562.00 | 1.00 | 0.07 | | |
| | | | E5153284 | 562.00 | 563.00 | 1.00 | 0.34 | | |
| | | | E5153285 | 563.00 | 564.00 | 1.00 | 0.03 | 0.04 | |
| | | | E5153286 | 564.00 | 565.00 | 1.00 | 0.75 | | |
| | | | E5153287 | 565.00 | 565.90 | 0.90 | 0.14 | | |
| | | | E5153288 | 565.90 | 566.80 | 0.90 | 0.08 | | |
| | | | E5153290 | 566.80 | 567.60 | 0.80 | 1.04 | | |
| | | | E5153291 | 567.60 | 569.00 | 1.40 | 0.61 | | |
| | | | E5153292 | 569.00 | 570.00 | 1.00 | 0.21 | | |
| | | | E5153293 | 570.00 | 571.50 | 1.50 | 0.51 | | |
| | | | E5153294 | 571.50 | 573.00 | 1.50 | 0.02 | | |
| | | | E5153296 | 573.00 | 574.50 | 1.50 | 0.01 | | |
| | | | E5153297 | 574.50 | 576.00 | 1.50 | 2.72 | 2.62 | |
| | | | E5153298 | 576.00 | 577.50 | 1.50 | 1.42 | | |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5153299 | 577.50 | 579.00 | 1.50 | 0.04 | | |
| | | | E5153300 | 579.00 | 580.50 | 1.50 | 0.38 | | |
| | | | E5153301 | 580.50 | 582.00 | 1.50 | 1.12 | | |
| | | | E5153302 | 582.00 | 583.50 | 1.50 | 0.01 | | |
| | | | E5153303 | 583.50 | 585.00 | 1.50 | 0.02 | | |
| | | | E5153305 | 585.00 | 586.00 | 1.00 | 0.23 | | |
| | | | E5153306 | 586.00 | 587.50 | 1.50 | 0.69 | | |
| | | | E5153307 | 587.50 | 588.10 | 0.60 | 1.45 | | |
| | | | E5153308 | 588.10 | 588.70 | 0.60 | 0.77 | | |
| | | | E5153309 | 588.70 | 589.70 | 1.00 | 1.39 | | |
| | | | E5154810 | 589.70 | 591.00 | 1.30 | 0.60 | | |
| | | | E5154811 | 591.00 | 591.90 | 0.90 | 0.02 | | |
| | | | E5154812 | 591.90 | 593.00 | 1.10 | 0.06 | | |
| | | | E5154813 | 593.00 | 593.80 | 0.80 | 0.10 | | |
| | | | E5154815 | 593.80 | 594.20 | 0.40 | 0.16 | | |
| | | | E5154816 | 594.20 | 595.60 | 1.40 | 0.07 | | |
| | | | E5154817 | 595.60 | 597.00 | 1.40 | 0.02 | | |
| | | | E5154818 | 597.00 | 598.00 | 1.00 | 0.01 | | |
| | | | E5154819 | 598.00 | 599.00 | 1.00 | 0.16 | | |
| | | | E5154820 | 599.00 | 600.00 | 1.00 | 0.06 | | |
| | | | E5154821 | 600.00 | 601.50 | 1.50 | 0.20 | | |
| | | | E5154822 | 601.50 | 603.00 | 1.50 | 0.02 | | |
| | | | E5154823 | 603.00 | 604.50 | 1.50 | 0.01 | 0.01 | |
| | | | E5154824 | 604.50 | 606.00 | 1.50 | 0.13 | | |
| | | | E5154825 | 606.00 | 607.00 | 1.00 | 0.02 | | |
| | | | E5154827 | 607.00 | 607.80 | 0.80 | 0.04 | | |
| | | | E5154828 | 607.80 | 609.00 | 1.20 | 0.61 | | |
| | | | E5154829 | 609.00 | 610.10 | 1.10 | 0.02 | | |
| | | | E5154830 | 610.10 | 611.40 | 1.30 | 0.02 | | |
| | | | E5154831 | 611.40 | 612.20 | 0.80 | 0.30 | | |
| | | | E5154832 | 612.20 | 613.00 | 0.80 | 0.15 | | |
| | | | E5154833 | 613.00 | 614.00 | 1.00 | 0.12 | | |
| | | | E5154834 | 614.00 | 615.00 | 1.00 | 0.15 | | |
| | | | E5154836 | 615.00 | 616.00 | 1.00 | 0.26 | 0.26 | |
| | | | E5154837 | 616.00 | 617.00 | 1.00 | 0.65 | | |
| | | | E5154838 | 617.00 | 618.00 | 1.00 | 1.13 | | |
| | | | E5154839 | 618.00 | 619.00 | 1.00 | 1.02 | | |
| | | | E5154840 | 619.00 | 620.00 | 1.00 | 0.71 | | |
| | | | E5154841 | 620.00 | 621.00 | 1.00 | 0.36 | | |
| | | | E5154842 | 621.00 | 621.70 | 0.70 | 0.04 | | |
| | | | E5154843 | 621.70 | 623.00 | 1.30 | 0.01 | | |
| | | | E5154845 | 623.00 | 624.00 | 1.00 | 0.11 | | |
| | | | E5154846 | 624.00 | 625.00 | 1.00 | 0.02 | | |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5154847 | 625.00 | 626.00 | 1.00 | 0.15 | | |
| | | | E5154848 | 626.00 | 627.00 | 1.00 | 0.07 | 0.07 | |
| | | | E5154849 | 627.00 | 628.10 | 1.10 | 5.32 | 4.65 | 4.76 |
| | | | E5154850 | 628.10 | 629.10 | 1.00 | 0.04 | | |
| | | | E5154851 | 629.10 | 630.10 | 1.00 | 0.05 | | |
| | | | E5154852 | 630.10 | 631.20 | 1.10 | 0.05 | | |
| | | | E5154853 | 631.20 | 632.30 | 1.10 | 0.21 | | |
| 632.30 | 638.10 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Aphanitic. Massive with no apparent texture. Distinct upper contact 30 degrees TCA. Fault gouge at top of unit. Very little veining present. | E5154855 | 632.30 | 633.80 | 1.50 | 0.11 | | |
| | | | E5154856 | 633.80 | 635.30 | 1.50 | 0.03 | | |
| | | | E5154857 | 635.30 | 636.80 | 1.50 | 0.02 | | |
| | | | E5154858 | 636.80 | 638.10 | 1.30 | 0.01 | | |
| 638.10 | 650.70 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW - Rock is dark green and beige. Aphanitic. Distinct upper contact marked with strong alteration change 15 degrees TCA. Pillow selvages up to 3cm in width. Patchy SER alteration with increased disseminated PY at top and bottom of unit. Rock is soft with patchy magnetism. | E5154859 | 638.10 | 638.70 | 0.60 | 1.81 | | |
| | | | E5154860 | 638.70 | 639.70 | 1.00 | 0.49 | 0.46 | |
| | | | E5154861 | 639.70 | 640.80 | 1.10 | 0.33 | | |
| | | | E5154862 | 640.80 | 641.90 | 1.10 | 0.02 | | |
| | | | E5154863 | 641.90 | 642.80 | 0.90 | 0.08 | | |
| | | | E5154865 | 642.80 | 644.10 | 1.30 | 0.01 | | |
| | | | E5154866 | 644.10 | 645.30 | 1.20 | 0.03 | | |
| | | | E5154867 | 645.30 | 646.30 | 1.00 | 0.49 | | |
| | | | E5154868 | 646.30 | 647.10 | 0.80 | 0.26 | | |
| | | | E5154869 | 647.10 | 648.00 | 0.90 | 2.41 | | |
| | | | E5154870 | 648.00 | 649.30 | 1.30 | 4.36 | | |
| | | | E5154871 | 649.30 | 650.70 | 1.40 | 0.12 | | |
| 650.70 | 660.10 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Similar to VMM 2 units above. Rubble faults present within unit. Some minor amphibole recrystallization. | E5154872 | 650.70 | 652.20 | 1.50 | 0.04 | | |
| | | | E5154873 | 652.20 | 653.50 | 1.30 | 0.01 | | |
| | | | E5154874 | 653.50 | 655.00 | 1.50 | 0.01 | | |
| | | | E5154876 | 655.00 | 656.10 | 1.10 | 0.00 | | |
| | | | E5154877 | 656.10 | 657.30 | 1.20 | 0.00 | | |
| | | | E5154878 | 657.30 | 658.70 | 1.40 | 0.01 | | |
| | | | E5154879 | 658.70 | 660.10 | 1.40 | 0.00 | | |
| 660.10 | 664.40 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGDALOIDAL FLOW - Rock transitions from dark green to beige. Amygdules up to 1mm in diameter. Sulphides increase in concentration at depth with stronger pervasive SER/BLE alteration. Rock is moderate with no magnetism. | E5154880 | 660.10 | 661.60 | 1.50 | 0.02 | | |
| | | | E5154881 | 661.60 | 663.00 | 1.40 | 0.34 | | |
| | | | E5154882 | 663.00 | 664.40 | 1.40 | 0.16 | | |
| 664.40 | 665.40 | QVO, QUARTZ VEINS MASSIVE QZ VEIN - Rock is white. Massive. SER fractures of wall rock near top of unit. Minor sulphides. Contacts at 80 degrees TCA. | E5154883 | 664.40 | 665.40 | 1.00 | 1.60 | | |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 665.40 | 728.60 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK OR POSSIBLE GABBRO - Rock is dark green with recrystallized amphibole crystals. CAR/QZ fractures present in low frequency. Trace sulphides, but minor intervals can be concentrated. Weak disseminated LCX with some fracture controlled EP alteration. Increased SER alteration at depth. Rock is soft with infrequent moderate magnetism. | E5154884 | 665.40 | 666.40 | 1.00 | 0.23 | | |
| | | | E5154886 | 666.40 | 667.40 | 1.00 | 0.41 | | |
| | | | E5154887 | 667.40 | 668.70 | 1.30 | 0.01 | | |
| | | | E5154888 | 668.70 | 670.10 | 1.40 | 0.01 | | |
| | | | E5154889 | 670.10 | 671.60 | 1.50 | 0.01 | | |
| | | | E5154890 | 671.60 | 673.10 | 1.50 | 0.00 | | |
| | | | E5154891 | 673.10 | 674.60 | 1.50 | 0.01 | | |
| | | | E5154892 | 674.60 | 676.10 | 1.50 | 0.00 | | |
| | | | E5154893 | 676.10 | 677.60 | 1.50 | 0.00 | | |
| | | | E5154895 | 677.60 | 679.10 | 1.50 | 0.01 | | |
| | | | E5154896 | 679.10 | 680.60 | 1.50 | 0.00 | | |
| | | | E5154897 | 680.60 | 681.80 | 1.20 | 0.00 | | |
| | | | E5154898 | 681.80 | 683.30 | 1.50 | 0.00 | | |
| | | | E5154899 | 683.30 | 684.80 | 1.50 | 0.00 | | |
| | | | E5154900 | 684.80 | 686.30 | 1.50 | 0.01 | 0.01 | |
| | | | E5154901 | 686.30 | 687.80 | 1.50 | 0.01 | | |
| | | | E5154902 | 687.80 | 689.30 | 1.50 | 0.00 | | |
| | | | E5154903 | 689.30 | 690.80 | 1.50 | 0.00 | | |
| | | | E5154905 | 690.80 | 692.10 | 1.30 | 0.10 | | |
| | | | E5154906 | 692.10 | 693.30 | 1.20 | 2.03 | | |
| | | | E5154907 | 693.30 | 694.80 | 1.50 | 0.16 | | |
| | | | E5154908 | 694.80 | 696.30 | 1.50 | 0.03 | | |
| | | | E5154909 | 696.30 | 697.80 | 1.50 | 0.01 | | |
| | | | E5154910 | 697.80 | 699.30 | 1.50 | 0.01 | | |
| | | | E5154911 | 699.30 | 700.80 | 1.50 | 0.02 | | |
| | | | E5154912 | 700.80 | 702.30 | 1.50 | 0.00 | | |
| | | | E5154913 | 702.30 | 703.80 | 1.50 | 0.00 | 0.00 | |
| | | | E5154915 | 703.80 | 705.30 | 1.50 | 0.00 | | |
| | | | E5154916 | 705.30 | 706.70 | 1.40 | 0.00 | | |
| | | | E5154917 | 706.70 | 707.80 | 1.10 | 0.00 | | |
| | | | E5154918 | 707.80 | 708.90 | 1.10 | 0.02 | | |
| | | | E5154919 | 708.90 | 710.10 | 1.20 | 0.04 | | |
| | | | E5154920 | 710.10 | 710.60 | 0.50 | 0.37 | | |
| | | | E5154921 | 710.60 | 711.10 | 0.50 | 0.01 | | |
| | | | E5154922 | 711.10 | 712.40 | 1.30 | 0.01 | | |
| | | | E5154923 | 712.40 | 713.00 | 0.60 | 0.02 | | |
| | | | E5154925 | 713.00 | 714.00 | 1.00 | 0.03 | | |
| | | | E5154926 | 714.00 | 714.50 | 0.50 | 0.88 | | |
| | | | E5154927 | 714.50 | 716.00 | 1.50 | 0.02 | | |
| | | | E5154928 | 716.00 | 717.40 | 1.40 | 0.02 | | |
| | | | E5154929 | 717.40 | 717.80 | 0.40 | 0.57 | | |
| | | | E5154930 | 717.80 | 718.40 | 0.60 | 0.01 | | |
| | | | E5154931 | 718.40 | 719.50 | 1.10 | 0.00 | | |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5154932 | 719.50 | 720.60 | 1.10 | 0.02 | | |
| | | | E5154933 | 720.60 | 721.90 | 1.30 | 0.13 | | |
| | | | E5154935 | 721.90 | 723.50 | 1.60 | 0.11 | | |
| | | | E5154936 | 723.50 | 725.00 | 1.50 | 0.00 | | |
| | | | E5154937 | 725.00 | 726.50 | 1.50 | 0.01 | | |
| | | | E5154938 | 726.50 | 728.00 | 1.50 | 0.01 | 0.00 | |
| | | | E5154939 | 728.00 | 728.60 | 0.60 | 0.03 | | |
| 728.60 | 752.50 | ACG, GREEN CARBONATE ALTERED ROCK GREEN CARBONATE - Rock is light emerald green. Trace sulphides, but minor intervals can have concentrations of PY. Rock is soft with no magnetism. Lower contact at 60 degrees to CA. | E5154940 | 728.60 | 729.90 | 1.30 | 0.04 | | |
| | | | E5154941 | 729.90 | 731.30 | 1.40 | 0.02 | | |
| | | | E5154942 | 731.30 | 732.00 | 0.70 | 0.01 | | |
| | | | E5154943 | 732.00 | 733.50 | 1.50 | 0.03 | | |
| | | | E5154945 | 733.50 | 735.00 | 1.50 | 0.01 | | |
| | | | E5154946 | 735.00 | 735.90 | 0.90 | 0.00 | | |
| | | | E5154947 | 735.90 | 736.20 | 0.30 | 0.08 | | |
| | | | E5154948 | 736.20 | 737.70 | 1.50 | 0.01 | | |
| | | | E5154949 | 737.70 | 738.00 | 0.30 | 0.07 | 0.08 | |
| | | | E5154950 | 738.00 | 739.30 | 1.30 | 0.48 | | |
| | | | E5154951 | 739.30 | 740.50 | 1.20 | 0.01 | | |
| | | | E5154952 | 740.50 | 741.50 | 1.00 | 0.02 | | |
| | | | E5154953 | 741.50 | 743.00 | 1.50 | 0.19 | | |
| | | | E5154954 | 743.00 | 744.40 | 1.40 | 0.39 | | |
| | | | E5154955 | 744.40 | 745.20 | 0.80 | 0.03 | | |
| | | | E5154956 | 745.20 | 746.50 | 1.30 | 0.32 | | |
| | | | E5154957 | 746.50 | 747.30 | 0.80 | 0.09 | | |
| | | | E5154958 | 747.30 | 748.50 | 1.20 | 0.01 | | |
| | | | E5154959 | 748.50 | 750.00 | 1.50 | 0.01 | | |
| | | | E601301 | 750.00 | 750.50 | 0.50 | 0.01 | 0.01 | |
| | | | E601302 | 750.50 | 751.50 | 1.00 | 0.01 | | |
| | | | E601303 | 751.50 | 752.20 | 0.70 | 0.00 | | |
| | | | E601304 | 752.20 | 753.20 | 1.00 | 0.24 | | |
| 752.50 | 753.20 | ISO, SYENITIC INTRUSIVE Fine to medium grained Syenite. Red-pink in colour. 2-3% fine grained py occurs throughout unit. Lower Contact at 45 degrees to CA. | | | | | | | |
| 753.20 | 757.00 | ACG, GREEN CARBONATE ALTERED ROCK Green Carb. Minor sporadic sercite alteration occurring as wisps and stringers. trace amounts of Oy mineralization. Unit contains approx. 15-20% Q-Veining (as is typical of the unit). Foliation at 50 degrees to CA. Lower Contact at 50 degrees to CA. | E601305 | 753.20 | 754.60 | 1.40 | 0.07 | | |
| | | | E601306 | 754.60 | 755.20 | 0.60 | 0.09 | | |
| | | | E601307 | 755.20 | 756.20 | 1.00 | 0.04 | | |
| | | | E601308 | 756.20 | 757.00 | 0.80 | 0.04 | | |
| 757.00 | 762.10 | VUO, ULTRAMAFIC VOLCANIC Weakly talc-Chlorite altered UM. Trace amounts py mineralization. Mod to strong foliation at 50 degrees to CA. Lower Contact at 50 degrees to CA. | E601309 | 757.00 | 758.00 | 1.00 | 0.01 | | |

DETAILED LOG

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 762.10 | 764.20 | ACG, GREEN CARBONATE ALTERED ROCK Green Carb. Similar to previously encountered. Trace amounts of sulphide mineralization (py). Foliation at 50 degrees to CA. Q-C veining comprises approx 20% of interval. Lower Contact at 50 degrees to CA. | E601310 | 763.20 | 764.20 | 1.00 | 0.01 | | |
| 764.20 | 765.00 | VMO, MAFIC VOLCANIC UNDIVIDED Silica altered Mafic Volcanic. Possible mafic fragment/raft within larger UM sequence. Trace py, with 5% fragmented Q-C veinlets. Lower Contact at 65 degrees to CA. | E601311 | 764.20 | 765.00 | 0.80 | 0.03 | | |
| 765.00 | 784.20 | VUO, ULTRAMAFIC VOLCANIC Massive Mafic Volcanic. Interval contains weak to locally moderate silica alteration, 1-2% fine grained py, with localized sections containing slightly elevated sulphide content (3-5%). | E601312 | 765.00 | 766.10 | 1.10 | 0.01 | | |
| 784.20 | 792.50 | ACG, GREEN CARBONATE ALTERED ROCK Green Carb, trace amounts of py. Foliation at 55 degrees to CA. 30% of interval comprised of Q-C veining. | E601313 | 790.00 | 791.00 | 1.00 | 0.02 | | |
| | | | E601314 | 791.00 | 792.00 | 1.00 | 0.02 | | |
| | | | E601315 | 792.00 | 792.50 | 0.50 | 0.03 | | |
| 792.50 | 796.60 | VMO, MAFIC VOLCANIC UNDIVIDED Weak to locally moderate silica altered mafic volcanic. 2-3% spotty py mineralization occurs sporadically throughout. Q-C veining and veinlets comprise approximately 5-8% of interval. | E601316 | 792.50 | 793.50 | 1.00 | 0.09 | | |
| | | | E601317 | 793.50 | 794.50 | 1.00 | 0.07 | | |
| | | | E601318 | 794.50 | 795.00 | 0.50 | 0.11 | | |
| | | | E601321 | 795.00 | 796.00 | 1.00 | 0.45 | 0.42 | |
| | | | E601322 | 796.00 | 796.60 | 0.60 | 0.91 | | |
| 796.60 | 871.80 | VUO, ULTRAMAFIC VOLCANIC Weak Talc Chlorite altered UM volcanic. Mod to locally strong foliation at 60 degrees to CA. Minor amounts of Q-C veinlets and stringers. Unit is cut by numerous breccia and breccia-gouge fault intervals. Lower Contact is gradational. | E601323 | 796.60 | 797.60 | 1.00 | 0.44 | | |
| | | | E601324 | 799.60 | 800.60 | 1.00 | 0.02 | | |
| | | | E601325 | 800.60 | 801.70 | 1.10 | 0.03 | | |
| | | | E601326 | 801.70 | 802.70 | 1.00 | 0.01 | | |
| 871.80 | 906.10 | ACG, GREEN CARBONATE ALTERED ROCK Green Carb. Weak spotty/localized sericite alteration patches. Tr amounts of py, approx 30% of interval comprised of Q-C veining. Lower contact is brecciated at 35 degrees to CA. | E601327 | 890.00 | 891.00 | 1.00 | 0.01 | | |
| | | | E601328 | 891.00 | 892.00 | 1.00 | 0.01 | | |
| | | | E601329 | 892.00 | 893.10 | 1.10 | 0.02 | | |
| | | | E601331 | 893.10 | 894.10 | 1.00 | 0.01 | | |
| | | | E601332 | 894.10 | 895.10 | 1.00 | 0.01 | | |
| | | | E601333 | 895.10 | 896.10 | 1.00 | 0.00 | | |
| | | | E601334 | 896.10 | 897.10 | 1.00 | 0.00 | | |
| | | | E601335 | 897.10 | 898.10 | 1.00 | 0.01 | | |
| | | | E601336 | 898.10 | 899.10 | 1.00 | 0.01 | | |
| | | | E601337 | 899.10 | 900.10 | 1.00 | 0.01 | | |
| | | | E601338 | 900.10 | 901.10 | 1.00 | 0.01 | 0.01 | |
| | | | E601340 | 901.10 | 902.10 | 1.00 | 0.01 | | |
| | | | E601341 | 902.10 | 903.10 | 1.00 | 0.01 | | |
| | | | E601342 | 903.10 | 904.10 | 1.00 | 0.01 | | |
| E601343 | 904.10 | 905.10 | 1.00 | 0.01 | 0.01 | | | | |
| E601344 | 905.10 | 906.10 | 1.00 | 0.02 | | | | | |

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|---------|---|---------------|---------|---------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 906.10 | 1029.10 | VMO, MAFIC VOLCANIC UNDIVIDED Variable altered Mafic Volcanic, typically massive with intermittent amygdaloidal patches. Unit contains sporadic sections of weak to moderate silica alteration. Numerous veining and stringer zones occur throughout. Typically 1-2% spotty py mineralization with minor intervals of upto 4%. LC at 60 degrees to CA. | E601345 | 906.10 | 907.10 | 1.00 | 0.06 | | |
| | | | E601346 | 907.10 | 908.20 | 1.10 | 0.01 | | |
| | | | E601347 | 908.20 | 909.20 | 1.00 | 0.00 | | |
| | | | E601348 | 909.20 | 910.20 | 1.00 | 0.00 | | |
| | | | E601349 | 910.20 | 911.20 | 1.00 | 0.23 | | |
| | | | E601350 | 911.20 | 912.20 | 1.00 | 0.16 | | |
| | | | E601351 | 912.20 | 913.00 | 0.80 | 0.02 | | |
| | | | E601352 | 913.00 | 914.00 | 1.00 | 0.03 | | |
| | | | E601353 | 914.00 | 915.00 | 1.00 | 0.09 | | |
| | | | E601354 | 915.00 | 916.00 | 1.00 | 0.06 | | |
| | | | E601356 | 916.00 | 917.00 | 1.00 | 0.15 | | |
| | | | E601358 | 917.00 | 918.00 | 1.00 | 0.08 | | |
| | | | E601359 | 918.00 | 918.50 | 0.50 | 0.09 | 0.08 | |
| | | | E601360 | 918.50 | 919.50 | 1.00 | 0.02 | | |
| | | | E601361 | 919.50 | 920.50 | 1.00 | 0.02 | | |
| | | | E601362 | 944.60 | 945.60 | 1.00 | 0.02 | | |
| | | | E601363 | 945.60 | 946.60 | 1.00 | 0.04 | | |
| | | | E601364 | 946.60 | 947.60 | 1.00 | 0.01 | | |
| | | | E601365 | 947.60 | 948.60 | 1.00 | 0.03 | | |
| | | | E601366 | 948.60 | 949.60 | 1.00 | 0.04 | | |
| | | | E601367 | 949.60 | 950.60 | 1.00 | 0.02 | | |
| | | | E601368 | 950.60 | 951.60 | 1.00 | 0.07 | | |
| | | | E601369 | 951.60 | 953.00 | 1.40 | 0.02 | | |
| | | | E601370 | 953.00 | 954.60 | 1.60 | 0.06 | | |
| | | | E601371 | 954.60 | 956.00 | 1.40 | 0.14 | | |
| | | | E601372 | 956.00 | 956.50 | 0.50 | 0.11 | | |
| | | | E601373 | 956.50 | 957.20 | 0.70 | 0.08 | | |
| | | | E601375 | 957.20 | 958.20 | 1.00 | 0.02 | 0.03 | |
| | | | E601376 | 958.20 | 959.20 | 1.00 | 0.01 | | |
| | | | E601377 | 959.20 | 960.20 | 1.00 | 0.01 | | |
| | | | E601379 | 960.20 | 960.70 | 0.50 | 0.02 | | |
| | | | E601380 | 960.70 | 961.40 | 0.70 | 0.06 | | |
| | | | E601381 | 961.40 | 962.40 | 1.00 | 0.02 | | |
| | | | E601382 | 971.50 | 972.50 | 1.00 | 0.04 | | |
| | | | E601383 | 972.50 | 973.50 | 1.00 | 0.09 | | |
| | | | E601384 | 973.50 | 974.50 | 1.00 | 0.01 | | |
| 1029.10 | 1043.40 | ACG, GREEN CARBONATE ALTERED ROCK Pale coloured Green Carb. Weak spotty sercite occurring as wisps/stringers. Trace amounts of py, typical green carb unit as seen throughout drill hole. Lower Contact at 50 degrees to CA. Minor silicified syenite intervals approx 1 m in width occur sporadically throughout interval. | E601385 | 1029.10 | 1030.10 | 1.00 | 0.04 | | |
| | | | E601386 | 1030.10 | 1030.90 | 0.80 | 0.05 | | |
| | | | E601387 | 1030.90 | 1031.40 | 0.50 | 0.07 | | |
| | | | E601388 | 1031.40 | 1032.20 | 0.80 | 0.02 | | |
| | | | E601389 | 1032.20 | 1032.70 | 0.50 | 0.18 | | |
| | | | E601390 | 1032.70 | 1033.30 | 0.60 | 0.12 | | |
| | | | E601391 | 1042.40 | 1043.40 | 1.00 | 0.02 | | |

Hole Number: HD14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|---------|--|---------------|---------|---------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 1043.40 | 1128.70 | VMO, MAFIC VOLCANIC UNDIVIDED Variably textured Mafic Volcanic, typically unit is massive with small localized variolitic intervals occurring throughout. Q-C veining dipping along core axis, giving these structures an exaggerated width, true width appears to be in the 20 cm range. | E601392 | 1043.40 | 1044.10 | 0.70 | 0.33 | | |
| | | | E601394 | 1044.10 | 1045.10 | 1.00 | 0.01 | 0.01 | |
| | | | E601395 | 1049.50 | 1050.50 | 1.00 | 0.07 | | |
| | | | E601397 | 1050.50 | 1051.10 | 0.60 | 0.02 | | |
| | | | E601398 | 1051.10 | 1052.10 | 1.00 | 0.08 | | |
| | | | E601399 | 1085.40 | 1086.70 | 1.30 | 0.01 | | |
| | | | E601400 | 1086.70 | 1087.70 | 1.00 | 0.01 | | |
| | | | E601451 | 1087.70 | 1088.20 | 0.50 | 0.10 | | |
| | | | E601452 | 1088.20 | 1089.20 | 1.00 | 0.01 | | |
| | | | E601453 | 1105.00 | 1106.00 | 1.00 | 0.08 | | |
| | | | E601454 | 1106.00 | 1107.10 | 1.10 | 0.09 | | |
| | | | E601455 | 1107.10 | 1108.10 | 1.00 | 0.08 | | |
| | | | E601456 | 1127.70 | 1128.70 | 1.00 | 0.06 | | |
| 1128.70 | 1135.20 | IPO, FELSIC PORPHYRITIC INTRUSIVE light grey to grey Quartz porphyry. Trace amounts of fine to medium grained py, typically euhedral. No significant veining present. | E601457 | 1128.70 | 1129.20 | 0.50 | 0.18 | | |
| | | | E601458 | 1129.20 | 1130.20 | 1.00 | 0.10 | | |
| | | | E601459 | 1130.20 | 1131.20 | 1.00 | 0.04 | | |
| | | | E601460 | 1131.20 | 1132.20 | 1.00 | 0.04 | | |
| | | | E601461 | 1132.20 | 1133.20 | 1.00 | 0.03 | | |
| | | | E601462 | 1133.20 | 1134.20 | 1.00 | 0.06 | | |
| | | | E601463 | 1134.20 | 1135.20 | 1.00 | 0.08 | | |
| 1135.20 | 1154.00 | VMO, MAFIC VOLCANIC UNDIVIDED Fine grained Mafic Volcanic. Similar to previous, with trace amounts of py and minor Q-C veining running parallel to CA. EOH at 1154 | E601464 | 1135.20 | 1136.30 | 1.10 | 0.09 | | |
| | | | E601465 | 1136.30 | 1137.10 | 0.80 | 0.02 | | |
| | | | E601466 | 1137.10 | 1138.10 | 1.00 | 0.14 | | |
| | | | E601467 | 1138.10 | 1139.10 | 1.00 | 0.97 | | |
| | | | E601468 | 1139.10 | 1139.90 | 0.80 | 0.09 | | |
| | | | E601469 | 1139.90 | 1140.70 | 0.80 | 1.47 | | |
| | | | E601470 | 1140.70 | 1141.70 | 1.00 | 0.01 | | |
| | | | E601471 | 1141.70 | 1142.70 | 1.00 | 0.14 | | |
| | | | E601472 | 1142.70 | 1143.40 | 0.70 | 0.01 | | |
| | | | E601473 | 1143.40 | 1144.00 | 0.60 | 0.20 | | |
| | | | E601474 | 1144.00 | 1145.00 | 1.00 | 0.25 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5153110 | 66.50 | 67.70 | 0.0150 | 0.0150 | |
| E5153111 | 67.70 | 68.70 | 0.0390 | | |
| E5153112 | 68.70 | 69.50 | 0.4210 | | |
| E5153113 | 69.50 | 70.40 | 0.1250 | | |
| E5153115 | 70.40 | 71.20 | 0.2140 | | |
| E5153116 | 71.20 | 72.00 | 0.0370 | | |
| E5153117 | 72.00 | 73.00 | 0.0870 | | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5153118 | 73.00 | 73.80 | 0.0220 | | |
| E5153119 | 73.80 | 74.40 | 0.0040 | | |
| E5153120 | 74.40 | 75.00 | 0.0140 | | |
| E5153121 | 242.10 | 243.10 | 0.0080 | | |
| E5153122 | 243.10 | 243.70 | 0.1140 | | |
| E5153123 | 243.70 | 244.80 | 0.0040 | 0.0110 | |
| E5153125 | 244.80 | 246.00 | 0.0140 | | |
| E5153126 | 246.00 | 247.00 | 0.5910 | 0.5650 | |
| E5153127 | 247.00 | 247.30 | 0.0220 | | |
| E5153128 | 247.30 | 248.60 | 0.0040 | | |
| E5153129 | 248.60 | 249.80 | 0.0030 | | |
| E5153130 | 249.80 | 251.20 | 0.0020 | | |
| E5153131 | 251.20 | 252.00 | 0.0100 | | |
| E5153132 | 252.00 | 253.00 | 0.0030 | | |
| E5153133 | 343.40 | 344.40 | 0.0060 | | |
| E5153134 | 344.40 | 345.00 | 0.1900 | | |
| E5153136 | 345.00 | 346.00 | 0.0020 | | |
| E5153137 | 380.10 | 381.30 | 0.0070 | | |
| E5153138 | 381.30 | 382.20 | 0.0690 | 0.0750 | |
| E5153139 | 382.20 | 383.00 | 0.0140 | | |
| E5153140 | 383.00 | 383.60 | 0.0090 | | |
| E5153141 | 383.60 | 384.50 | 0.0430 | | |
| E5153142 | 384.50 | 385.40 | 0.0050 | | |
| E5153143 | 437.40 | 438.80 | 0.3240 | | |
| E5153145 | 438.80 | 439.60 | 0.1520 | | |
| E5153146 | 439.60 | 440.50 | 10.0000 | | 12.9700 |
| E5153147 | 440.50 | 441.30 | 10.0000 | | 72.0000 |
| E5153148 | 441.30 | 442.40 | 1.9800 | | |
| E5153149 | 442.40 | 443.00 | 0.7800 | | |
| E5153150 | 443.00 | 444.00 | 0.5770 | | |
| E5153151 | 444.00 | 445.00 | 0.2760 | 0.2110 | |
| E5153152 | 492.80 | 494.00 | 0.0170 | | |
| E5153153 | 494.00 | 494.90 | 0.0130 | | |
| E5153155 | 494.90 | 495.60 | 2.1200 | | |
| E5153156 | 495.60 | 496.20 | 1.9500 | | |
| E5153157 | 496.20 | 496.70 | 0.4600 | | |
| E5153158 | 496.70 | 498.00 | 0.6830 | | |
| E5153159 | 498.00 | 498.80 | 1.3500 | | |
| E5153160 | 498.80 | 499.90 | 1.0600 | 1.0300 | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5153161 | 499.90 | 501.00 | 0.4200 | | |
| E5153162 | 501.00 | 502.10 | 1.4400 | | |
| E5153163 | 502.10 | 503.30 | 4.9700 | | |
| E5153165 | 503.30 | 503.80 | 2.8500 | | |
| E5153166 | 503.80 | 505.00 | 0.4300 | | |
| E5153167 | 505.00 | 506.00 | 0.1400 | | |
| E5153168 | 506.00 | 507.20 | 0.1100 | | |
| E5153169 | 507.20 | 508.30 | 0.4300 | | |
| E5153170 | 508.30 | 508.80 | 3.5000 | | |
| E5153171 | 508.80 | 509.30 | 2.5000 | | |
| E5153172 | 509.30 | 510.20 | 0.4400 | 0.4500 | |
| E5153173 | 510.20 | 511.00 | 0.5200 | | |
| E5153175 | 511.00 | 511.80 | 0.5800 | | |
| E5153176 | 511.80 | 512.40 | 2.3300 | | |
| E5153177 | 512.40 | 513.20 | 4.8700 | | |
| E5153178 | 513.20 | 514.50 | 1.1700 | | |
| E5153179 | 514.50 | 515.50 | 0.3500 | | |
| E5153180 | 515.50 | 516.50 | 3.2600 | | |
| E5153181 | 516.50 | 517.70 | 0.4900 | | |
| E5153182 | 517.70 | 518.60 | 14.4000 | 14.5000 | |
| E5153183 | 518.60 | 519.50 | 23.1400 | 22.9700 | |
| E5153184 | 519.50 | 520.30 | 13.0300 | 12.1000 | |
| E5153186 | 520.30 | 521.00 | 0.9400 | | |
| E5153187 | 521.00 | 521.90 | 0.6600 | | |
| E5153188 | 521.90 | 523.10 | 4.6300 | | |
| E5153189 | 523.10 | 524.10 | 0.5700 | | |
| E5153190 | 524.10 | 525.20 | 2.8500 | | |
| E5153191 | 525.20 | 525.80 | 1.8900 | | |
| E5153192 | 525.80 | 526.80 | 2.1900 | | |
| E5153193 | 526.80 | 527.70 | 2.5400 | | |
| E5153194 | 527.70 | 528.60 | 4.0800 | | |
| E5153195 | 528.60 | 529.50 | 3.1900 | | |
| E5153197 | 529.50 | 530.40 | 1.6500 | | |
| E5153198 | 530.40 | 531.30 | 2.1300 | | |
| E5153199 | 531.30 | 532.20 | 13.2700 | 13.0300 | |
| E5153200 | 532.20 | 533.10 | 2.8100 | | |
| E5153201 | 533.10 | 534.40 | 2.0600 | | |
| E5153202 | 534.40 | 535.00 | 0.8500 | | |
| E5153203 | 535.00 | 536.00 | 2.3300 | | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5153204 | 536.00 | 537.00 | 2.3000 | | |
| E5153206 | 537.00 | 538.00 | 8.5000 | | |
| E5153207 | 538.00 | 538.70 | 2.4000 | | |
| E5153208 | 538.70 | 539.10 | 0.1800 | 0.1900 | |
| E5153209 | 539.10 | 540.00 | 0.1500 | | |
| E5153260 | 540.00 | 541.00 | 0.4940 | 0.5650 | |
| E5153261 | 541.00 | 542.00 | 0.7200 | | |
| E5153262 | 542.00 | 543.00 | 0.1440 | | |
| E5153263 | 543.00 | 544.00 | 0.0180 | | |
| E5153265 | 544.00 | 545.00 | 0.0560 | | |
| E5153266 | 545.00 | 546.00 | 0.1460 | | |
| E5153267 | 546.00 | 547.00 | 0.0070 | | |
| E5153268 | 547.00 | 548.00 | 0.0060 | | |
| E5153269 | 548.00 | 549.00 | 0.0020 | | |
| E5153270 | 549.00 | 550.00 | 0.3020 | | |
| E5153271 | 550.00 | 551.00 | 0.0110 | | |
| E5153272 | 551.00 | 552.00 | 0.1670 | 0.1580 | |
| E5153273 | 552.00 | 553.00 | 0.4380 | | |
| E5153274 | 553.00 | 554.00 | 0.6070 | | |
| E5153275 | 554.00 | 555.00 | 0.0330 | | |
| E5153276 | 555.00 | 556.00 | 0.3080 | | |
| E5153278 | 556.00 | 557.00 | 3.2200 | | |
| E5153279 | 557.00 | 558.00 | 0.4700 | | |
| E5153280 | 558.00 | 559.00 | 0.3060 | | |
| E5153281 | 559.00 | 560.00 | 1.1800 | | |
| E5153282 | 560.00 | 561.00 | 0.4990 | | |
| E5153283 | 561.00 | 562.00 | 0.0730 | | |
| E5153284 | 562.00 | 563.00 | 0.3360 | | |
| E5153285 | 563.00 | 564.00 | 0.0310 | 0.0350 | |
| E5153286 | 564.00 | 565.00 | 0.7500 | | |
| E5153287 | 565.00 | 565.90 | 0.1420 | | |
| E5153288 | 565.90 | 566.80 | 0.0780 | | |
| E5153290 | 566.80 | 567.60 | 1.0400 | | |
| E5153291 | 567.60 | 569.00 | 0.6130 | | |
| E5153292 | 569.00 | 570.00 | 0.2130 | | |
| E5153293 | 570.00 | 571.50 | 0.5080 | | |
| E5153294 | 571.50 | 573.00 | 0.0170 | | |
| E5153296 | 573.00 | 574.50 | 0.0060 | | |
| E5153297 | 574.50 | 576.00 | 2.7200 | 2.6200 | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5153298 | 576.00 | 577.50 | 1.4200 | | |
| E5153299 | 577.50 | 579.00 | 0.0390 | | |
| E5153300 | 579.00 | 580.50 | 0.3830 | | |
| E5153301 | 580.50 | 582.00 | 1.1200 | | |
| E5153302 | 582.00 | 583.50 | 0.0100 | | |
| E5153303 | 583.50 | 585.00 | 0.0150 | | |
| E5153305 | 585.00 | 586.00 | 0.2250 | | |
| E5153306 | 586.00 | 587.50 | 0.6940 | | |
| E5153307 | 587.50 | 588.10 | 1.4500 | | |
| E5153308 | 588.10 | 588.70 | 0.7670 | | |
| E5153309 | 588.70 | 589.70 | 1.3900 | | |
| E5154810 | 589.70 | 591.00 | 0.6030 | | |
| E5154811 | 591.00 | 591.90 | 0.0190 | | |
| E5154812 | 591.90 | 593.00 | 0.0630 | | |
| E5154813 | 593.00 | 593.80 | 0.1010 | | |
| E5154815 | 593.80 | 594.20 | 0.1550 | | |
| E5154816 | 594.20 | 595.60 | 0.0730 | | |
| E5154817 | 595.60 | 597.00 | 0.0220 | | |
| E5154818 | 597.00 | 598.00 | 0.0070 | | |
| E5154819 | 598.00 | 599.00 | 0.1600 | | |
| E5154820 | 599.00 | 600.00 | 0.0630 | | |
| E5154821 | 600.00 | 601.50 | 0.1960 | | |
| E5154822 | 601.50 | 603.00 | 0.0220 | | |
| E5154823 | 603.00 | 604.50 | 0.0090 | 0.0090 | |
| E5154824 | 604.50 | 606.00 | 0.1270 | | |
| E5154825 | 606.00 | 607.00 | 0.0170 | | |
| E5154827 | 607.00 | 607.80 | 0.0350 | | |
| E5154828 | 607.80 | 609.00 | 0.6060 | | |
| E5154829 | 609.00 | 610.10 | 0.0230 | | |
| E5154830 | 610.10 | 611.40 | 0.0210 | | |
| E5154831 | 611.40 | 612.20 | 0.2980 | | |
| E5154832 | 612.20 | 613.00 | 0.1520 | | |
| E5154833 | 613.00 | 614.00 | 0.1240 | | |
| E5154834 | 614.00 | 615.00 | 0.1450 | | |
| E5154836 | 615.00 | 616.00 | 0.2630 | 0.2550 | |
| E5154837 | 616.00 | 617.00 | 0.6510 | | |
| E5154838 | 617.00 | 618.00 | 1.1300 | | |
| E5154839 | 618.00 | 619.00 | 1.0200 | | |
| E5154840 | 619.00 | 620.00 | 0.7060 | | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5154841 | 620.00 | 621.00 | 0.3600 | | |
| E5154842 | 621.00 | 621.70 | 0.0420 | | |
| E5154843 | 621.70 | 623.00 | 0.0060 | | |
| E5154845 | 623.00 | 624.00 | 0.1080 | | |
| E5154846 | 624.00 | 625.00 | 0.0190 | | |
| E5154847 | 625.00 | 626.00 | 0.1540 | | |
| E5154848 | 626.00 | 627.00 | 0.0660 | 0.0710 | |
| E5154849 | 627.00 | 628.10 | 5.3200 | 4.6500 | 4.7600 |
| E5154850 | 628.10 | 629.10 | 0.0390 | | |
| E5154851 | 629.10 | 630.10 | 0.0450 | | |
| E5154852 | 630.10 | 631.20 | 0.0500 | | |
| E5154853 | 631.20 | 632.30 | 0.2100 | | |
| E5154855 | 632.30 | 633.80 | 0.1100 | | |
| E5154856 | 633.80 | 635.30 | 0.0260 | | |
| E5154857 | 635.30 | 636.80 | 0.0160 | | |
| E5154858 | 636.80 | 638.10 | 0.0070 | | |
| E5154859 | 638.10 | 638.70 | 1.8100 | | |
| E5154860 | 638.70 | 639.70 | 0.4930 | 0.4550 | |
| E5154861 | 639.70 | 640.80 | 0.3340 | | |
| E5154862 | 640.80 | 641.90 | 0.0180 | | |
| E5154863 | 641.90 | 642.80 | 0.0780 | | |
| E5154865 | 642.80 | 644.10 | 0.0130 | | |
| E5154866 | 644.10 | 645.30 | 0.0300 | | |
| E5154867 | 645.30 | 646.30 | 0.4850 | | |
| E5154868 | 646.30 | 647.10 | 0.2610 | | |
| E5154869 | 647.10 | 648.00 | 2.4100 | | |
| E5154870 | 648.00 | 649.30 | 4.3600 | | |
| E5154871 | 649.30 | 650.70 | 0.1190 | | |
| E5154872 | 650.70 | 652.20 | 0.0400 | | |
| E5154873 | 652.20 | 653.50 | 0.0110 | | |
| E5154874 | 653.50 | 655.00 | 0.0060 | | |
| E5154876 | 655.00 | 656.10 | 0.0020 | | |
| E5154877 | 656.10 | 657.30 | 0.0020 | | |
| E5154878 | 657.30 | 658.70 | 0.0080 | | |
| E5154879 | 658.70 | 660.10 | 0.0020 | | |
| E5154880 | 660.10 | 661.60 | 0.0150 | | |
| E5154881 | 661.60 | 663.00 | 0.3370 | | |
| E5154882 | 663.00 | 664.40 | 0.1640 | | |
| E5154883 | 664.40 | 665.40 | 1.6000 | | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5154884 | 665.40 | 666.40 | 0.2340 | | |
| E5154886 | 666.40 | 667.40 | 0.4120 | | |
| E5154887 | 667.40 | 668.70 | 0.0080 | | |
| E5154888 | 668.70 | 670.10 | 0.0130 | | |
| E5154889 | 670.10 | 671.60 | 0.0060 | | |
| E5154890 | 671.60 | 673.10 | 0.0020 | | |
| E5154891 | 673.10 | 674.60 | 0.0090 | | |
| E5154892 | 674.60 | 676.10 | 0.0005 | | |
| E5154893 | 676.10 | 677.60 | 0.0005 | | |
| E5154895 | 677.60 | 679.10 | 0.0070 | | |
| E5154896 | 679.10 | 680.60 | 0.0010 | | |
| E5154897 | 680.60 | 681.80 | 0.0005 | | |
| E5154898 | 681.80 | 683.30 | 0.0005 | | |
| E5154899 | 683.30 | 684.80 | 0.0040 | | |
| E5154900 | 684.80 | 686.30 | 0.0070 | 0.0070 | |
| E5154901 | 686.30 | 687.80 | 0.0070 | | |
| E5154902 | 687.80 | 689.30 | 0.0020 | | |
| E5154903 | 689.30 | 690.80 | 0.0040 | | |
| E5154905 | 690.80 | 692.10 | 0.0980 | | |
| E5154906 | 692.10 | 693.30 | 2.0300 | | |
| E5154907 | 693.30 | 694.80 | 0.1570 | | |
| E5154908 | 694.80 | 696.30 | 0.0260 | | |
| E5154909 | 696.30 | 697.80 | 0.0070 | | |
| E5154910 | 697.80 | 699.30 | 0.0070 | | |
| E5154911 | 699.30 | 700.80 | 0.0200 | | |
| E5154912 | 700.80 | 702.30 | 0.0040 | | |
| E5154913 | 702.30 | 703.80 | 0.0030 | 0.0040 | |
| E5154915 | 703.80 | 705.30 | 0.0040 | | |
| E5154916 | 705.30 | 706.70 | 0.0040 | | |
| E5154917 | 706.70 | 707.80 | 0.0030 | | |
| E5154918 | 707.80 | 708.90 | 0.0190 | | |
| E5154919 | 708.90 | 710.10 | 0.0390 | | |
| E5154920 | 710.10 | 710.60 | 0.3740 | | |
| E5154921 | 710.60 | 711.10 | 0.0130 | | |
| E5154922 | 711.10 | 712.40 | 0.0080 | | |
| E5154923 | 712.40 | 713.00 | 0.0150 | | |
| E5154925 | 713.00 | 714.00 | 0.0340 | | |
| E5154926 | 714.00 | 714.50 | 0.8800 | | |
| E5154927 | 714.50 | 716.00 | 0.0200 | | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5154928 | 716.00 | 717.40 | 0.0160 | | |
| E5154929 | 717.40 | 717.80 | 0.5710 | | |
| E5154930 | 717.80 | 718.40 | 0.0140 | | |
| E5154931 | 718.40 | 719.50 | 0.0040 | | |
| E5154932 | 719.50 | 720.60 | 0.0160 | | |
| E5154933 | 720.60 | 721.90 | 0.1280 | | |
| E5154935 | 721.90 | 723.50 | 0.1080 | | |
| E5154936 | 723.50 | 725.00 | 0.0020 | | |
| E5154937 | 725.00 | 726.50 | 0.0050 | | |
| E5154938 | 726.50 | 728.00 | 0.0050 | 0.0040 | |
| E5154939 | 728.00 | 728.60 | 0.0320 | | |
| E5154940 | 728.60 | 729.90 | 0.0370 | | |
| E5154941 | 729.90 | 731.30 | 0.0180 | | |
| E5154942 | 731.30 | 732.00 | 0.0050 | | |
| E5154943 | 732.00 | 733.50 | 0.0260 | | |
| E5154945 | 733.50 | 735.00 | 0.0130 | | |
| E5154946 | 735.00 | 735.90 | 0.0030 | | |
| E5154947 | 735.90 | 736.20 | 0.0830 | | |
| E5154948 | 736.20 | 737.70 | 0.0070 | | |
| E5154949 | 737.70 | 738.00 | 0.0720 | 0.0830 | |
| E5154950 | 738.00 | 739.30 | 0.4840 | | |
| E5154951 | 739.30 | 740.50 | 0.0120 | | |
| E5154952 | 740.50 | 741.50 | 0.0220 | | |
| E5154953 | 741.50 | 743.00 | 0.1880 | | |
| E5154954 | 743.00 | 744.40 | 0.3880 | | |
| E5154955 | 744.40 | 745.20 | 0.0310 | | |
| E5154956 | 745.20 | 746.50 | 0.3160 | | |
| E5154957 | 746.50 | 747.30 | 0.0880 | | |
| E5154958 | 747.30 | 748.50 | 0.0090 | | |
| E5154959 | 748.50 | 750.00 | 0.0060 | | |
| E601301 | 750.00 | 750.50 | 0.0060 | 0.0070 | |
| E601302 | 750.50 | 751.50 | 0.0070 | | |
| E601303 | 751.50 | 752.20 | 0.0040 | | |
| E601304 | 752.20 | 753.20 | 0.2420 | | |
| E601305 | 753.20 | 754.60 | 0.0680 | | |
| E601306 | 754.60 | 755.20 | 0.0930 | | |
| E601307 | 755.20 | 756.20 | 0.0360 | | |
| E601308 | 756.20 | 757.00 | 0.0410 | | |
| E601309 | 757.00 | 758.00 | 0.0050 | | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601310 | 763.20 | 764.20 | 0.0080 | | |
| E601311 | 764.20 | 765.00 | 0.0270 | | |
| E601312 | 765.00 | 766.10 | 0.0050 | | |
| E601313 | 790.00 | 791.00 | 0.0150 | | |
| E601314 | 791.00 | 792.00 | 0.0190 | | |
| E601315 | 792.00 | 792.50 | 0.0250 | | |
| E601316 | 792.50 | 793.50 | 0.0850 | | |
| E601317 | 793.50 | 794.50 | 0.0660 | | |
| E601318 | 794.50 | 795.00 | 0.1100 | | |
| E601321 | 795.00 | 796.00 | 0.4460 | 0.4240 | |
| E601322 | 796.00 | 796.60 | 0.9110 | | |
| E601323 | 796.60 | 797.60 | 0.4410 | | |
| E601324 | 799.60 | 800.60 | 0.0200 | | |
| E601325 | 800.60 | 801.70 | 0.0300 | | |
| E601326 | 801.70 | 802.70 | 0.0100 | | |
| E601327 | 890.00 | 891.00 | 0.0070 | | |
| E601328 | 891.00 | 892.00 | 0.0080 | | |
| E601329 | 892.00 | 893.10 | 0.0230 | | |
| E601331 | 893.10 | 894.10 | 0.0060 | | |
| E601332 | 894.10 | 895.10 | 0.0090 | | |
| E601333 | 895.10 | 896.10 | 0.0040 | | |
| E601334 | 896.10 | 897.10 | 0.0040 | | |
| E601335 | 897.10 | 898.10 | 0.0090 | | |
| E601336 | 898.10 | 899.10 | 0.0140 | | |
| E601337 | 899.10 | 900.10 | 0.0090 | | |
| E601338 | 900.10 | 901.10 | 0.0140 | 0.0120 | |
| E601340 | 901.10 | 902.10 | 0.0060 | | |
| E601341 | 902.10 | 903.10 | 0.0060 | | |
| E601342 | 903.10 | 904.10 | 0.0070 | | |
| E601343 | 904.10 | 905.10 | 0.0070 | 0.0110 | |
| E601344 | 905.10 | 906.10 | 0.0200 | | |
| E601345 | 906.10 | 907.10 | 0.0550 | | |
| E601346 | 907.10 | 908.20 | 0.0110 | | |
| E601347 | 908.20 | 909.20 | 0.0020 | | |
| E601348 | 909.20 | 910.20 | 0.0020 | | |
| E601349 | 910.20 | 911.20 | 0.2260 | | |
| E601350 | 911.20 | 912.20 | 0.1600 | | |
| E601351 | 912.20 | 913.00 | 0.0180 | | |
| E601352 | 913.00 | 914.00 | 0.0260 | | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|---------|---------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601353 | 914.00 | 915.00 | 0.0880 | | |
| E601354 | 915.00 | 916.00 | 0.0610 | | |
| E601356 | 916.00 | 917.00 | 0.1500 | | |
| E601358 | 917.00 | 918.00 | 0.0790 | | |
| E601359 | 918.00 | 918.50 | 0.0930 | 0.0790 | |
| E601360 | 918.50 | 919.50 | 0.0210 | | |
| E601361 | 919.50 | 920.50 | 0.0210 | | |
| E601362 | 944.60 | 945.60 | 0.0190 | | |
| E601363 | 945.60 | 946.60 | 0.0400 | | |
| E601364 | 946.60 | 947.60 | 0.0080 | | |
| E601365 | 947.60 | 948.60 | 0.0260 | | |
| E601366 | 948.60 | 949.60 | 0.0400 | | |
| E601367 | 949.60 | 950.60 | 0.0230 | | |
| E601368 | 950.60 | 951.60 | 0.0730 | | |
| E601369 | 951.60 | 953.00 | 0.0180 | | |
| E601370 | 953.00 | 954.60 | 0.0630 | | |
| E601371 | 954.60 | 956.00 | 0.1440 | | |
| E601372 | 956.00 | 956.50 | 0.1120 | | |
| E601373 | 956.50 | 957.20 | 0.0780 | | |
| E601375 | 957.20 | 958.20 | 0.0230 | 0.0250 | |
| E601376 | 958.20 | 959.20 | 0.0130 | | |
| E601377 | 959.20 | 960.20 | 0.0090 | | |
| E601379 | 960.20 | 960.70 | 0.0150 | | |
| E601380 | 960.70 | 961.40 | 0.0560 | | |
| E601381 | 961.40 | 962.40 | 0.0150 | | |
| E601382 | 971.50 | 972.50 | 0.0380 | | |
| E601383 | 972.50 | 973.50 | 0.0850 | | |
| E601384 | 973.50 | 974.50 | 0.0050 | | |
| E601385 | 1029.10 | 1030.10 | 0.0420 | | |
| E601386 | 1030.10 | 1030.90 | 0.0470 | | |
| E601387 | 1030.90 | 1031.40 | 0.0690 | | |
| E601388 | 1031.40 | 1032.20 | 0.0200 | | |
| E601389 | 1032.20 | 1032.70 | 0.1820 | | |
| E601390 | 1032.70 | 1033.30 | 0.1170 | | |
| E601391 | 1042.40 | 1043.40 | 0.0210 | | |
| E601392 | 1043.40 | 1044.10 | 0.3270 | | |
| E601394 | 1044.10 | 1045.10 | 0.0060 | 0.0050 | |
| E601395 | 1049.50 | 1050.50 | 0.0740 | | |
| E601397 | 1050.50 | 1051.10 | 0.0230 | | |

Hole Number: HD14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|---------|---------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E601398 | 1051.10 | 1052.10 | 0.0750 | | |
| E601399 | 1085.40 | 1086.70 | 0.0120 | | |
| E601400 | 1086.70 | 1087.70 | 0.0060 | | |
| E601451 | 1087.70 | 1088.20 | 0.0980 | | |
| E601452 | 1088.20 | 1089.20 | 0.0090 | | |
| E601453 | 1105.00 | 1106.00 | 0.0760 | | |
| E601454 | 1106.00 | 1107.10 | 0.0930 | | |
| E601455 | 1107.10 | 1108.10 | 0.0810 | | |
| E601456 | 1127.70 | 1128.70 | 0.0580 | | |
| E601457 | 1128.70 | 1129.20 | 0.1840 | | |
| E601458 | 1129.20 | 1130.20 | 0.0980 | | |
| E601459 | 1130.20 | 1131.20 | 0.0420 | | |
| E601460 | 1131.20 | 1132.20 | 0.0370 | | |
| E601461 | 1132.20 | 1133.20 | 0.0330 | | |
| E601462 | 1133.20 | 1134.20 | 0.0630 | | |
| E601463 | 1134.20 | 1135.20 | 0.0770 | | |
| E601464 | 1135.20 | 1136.30 | 0.0850 | | |
| E601465 | 1136.30 | 1137.10 | 0.0220 | | |
| E601466 | 1137.10 | 1138.10 | 0.1380 | | |
| E601467 | 1138.10 | 1139.10 | 0.9710 | | |
| E601468 | 1139.10 | 1139.90 | 0.0880 | | |
| E601469 | 1139.90 | 1140.70 | 1.4700 | | |
| E601470 | 1140.70 | 1141.70 | 0.0130 | | |
| E601471 | 1141.70 | 1142.70 | 0.1400 | | |
| E601472 | 1142.70 | 1143.40 | 0.0090 | | |
| E601473 | 1143.40 | 1144.00 | 0.1970 | | |
| E601474 | 1144.00 | 1145.00 | 0.2510 | | |

| | |
|-----|--------|
| | 0 |
| HPO | 12.00 |
| VMM | 12.00 |
| VMM | 145.10 |
| VMM | 145.10 |
| VMM | 158.40 |
| VMM | 158.40 |
| VMM | 195.80 |
| VMM | 195.80 |
| VMM | 226.70 |
| VMM | 226.70 |
| ISO | 230.90 |
| VUO | 230.90 |
| VUO | 276.00 |

| | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------|---|---------------------|-----------------|---|--|--|---|--|--|---|--|--|--|--|--|---|--|--|---------------------------------------|
| Hole No: HP14-001 | Hole Type: DDH | Hole Size: NQ | | | | | | | | | | | | | | | | | | |
| Location: Hislop Township | Core Storage: Exploration | | | | | | | | | | | | | | | | | | | |
| Casing: YES | Claim No: L23130 | | | | | | | | | | | | | | | | | | | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 276.00 | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Azimuth Dec: 210.00</td> <td style="width: 33%;">Dip Dec: -55.00</td> <td style="width: 33%;">Collar Survey: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Pulse Em Survey: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Multi Shot Survey: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Making Water: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Is Hole Plugged: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Is Cemented: <input type="checkbox"/></td> </tr> </table> | | | Azimuth Dec: 210.00 | Dip Dec: -55.00 | Collar Survey: <input type="checkbox"/> | | | Pulse Em Survey: <input type="checkbox"/> | | | Multi Shot Survey: <input type="checkbox"/> | | | Making Water: <input type="checkbox"/> | | | Is Hole Plugged: <input type="checkbox"/> | | | Is Cemented: <input type="checkbox"/> |
| Azimuth Dec: 210.00 | Dip Dec: -55.00 | Collar Survey: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Pulse Em Survey: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Multi Shot Survey: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Making Water: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Is Hole Plugged: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Is Cemented: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| Contractor: Garant | Start Date: Apr 04, 2014 | Completed: Apr 06, 2014 | | | | | | | | | | | | | | | | | | |
| Logged By: bhua | Entered On: Apr 06, 2014 | | | | | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371913.604000 | 552247.679000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: HP14-001

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -55.00 |
| Project Number: HISLOP | North: 5371913.60 | North: | Collar Az: 210.00 |
| Location: Hislop Township | East: 552247.68 | East: | Length: 276.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Apr 04, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Apr 06, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 276.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------------|--------|--------------------|----------------|--------------|------|----------------------------|
| 0.00 | 210.00 | -55.00 | EZ Sho | OK | Planned collar | 33.00 | 203.80 | -55.40 | EZ Sho | DO | Mag a little low, dip only |
| 54.00 | 208.30 | -55.40 | EZ Sho | OK | | 102.00 | 209.60 | -55.30 | EZ Sho | OK | |
| 150.00 | 209.10 | -54.60 | EZ Sho | OK | | 201.00 | 211.40 | -54.60 | EZ Sho | OK | |
| 252.00 | 214.90 | -54.80 | EZ Sho | OK | | | | | | | |
| | | | | | | | | | | | |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 12.00 | HPO, OVERBURDEN OVERBURDEN - 12m of casing used. | | | | | | | |
| 12.00 | 145.10 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC ROCK - Rock is dark green. Medium grained to coarse grained. Possible gabbro, but likely recrystallized flow as amygdules are present at depth with no distinct contact. Weak presence of HE and EP alteration mainly associated with CAR fracturing. Patchy areas contain disseminated LCX. Trace PY. Low concentration of CAR stringers/fractures. Rock is hard with moderate magnetism. | E5700152 | 115.30 | 116.30 | 1.00 | 0.01 | 0.02 | |
| | | | E5700153 | 116.30 | 116.60 | 0.30 | 0.01 | | |
| | | | E5700154 | 116.60 | 117.70 | 1.10 | 0.00 | | |
| 145.10 | 158.40 | VMM, MAFIC VOLCANIC MASSIVE BLEACHED MASSIVE MAFIC VOLCANIC ROCK - Rock varies in colour from green to beige to beige with red tint. Aphanitic. Patchy BLE and HE alteration. Trace sulphides. Translucent QZ veinlets possibly with xenoliths. Rock is hard with moderate magnetism only where BLE does not occur. | | | | | | | |

Hole Number: HP14-001

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 158.40 | 195.80 | VMM, MAFIC VOLCANIC MASSIVE | E5700155 | 166.40 | 167.40 | 1.00 | 0.01 | | |
| | | MASSIVE MAFIC VOLCANIC ROCK WITH MINOR QZ BRECCIAS - •Rock is dark green. Aphanitic. HE is fracture controlled. Minor SER present with increased QZ veining. Sulphides vary in concentration, but increases where QZ veining and SER is present. QZ breccias veins clustered together hosting xenoliths. Rock is hard with moderate magnetism. MINOR INTERVALS: Minor Interval: 169.50 - 171.50 VMX, MAFIC BRECCIA QUARTZ BRECCIAS WITHIN MAFIC ROCK - | E5700156 | 167.40 | 167.90 | 0.50 | 0.01 | | |
| | | | E5700158 | 167.90 | 168.30 | 0.40 | 2.97 | | |
| | | | E5700159 | 168.30 | 169.50 | 1.20 | 0.15 | | |
| | | | E5700160 | 169.50 | 170.30 | 0.80 | 0.15 | | |
| | | | E5700161 | 170.30 | 170.90 | 0.60 | 0.15 | | |
| | | | E5700162 | 170.90 | 171.50 | 0.60 | 0.73 | | |
| | | | E5700163 | 171.50 | 171.90 | 0.40 | 0.80 | | |
| | | | E5700165 | 171.90 | 172.90 | 1.00 | 0.04 | 0.05 | |
| | | | E5700166 | 172.90 | 174.00 | 1.10 | 0.04 | | |
| | | | E5700167 | 174.00 | 175.50 | 1.50 | 0.06 | | |
| | | | E5700168 | 175.50 | 177.00 | 1.50 | 0.06 | | |
| | | | E5700169 | 177.00 | 178.50 | 1.50 | 0.01 | | |
| | | | E5700170 | 178.50 | 180.00 | 1.50 | 0.00 | | |
| | | | E5700171 | 180.00 | 180.90 | 0.90 | 0.00 | | |
| | | | E5700172 | 180.90 | 181.60 | 0.70 | 0.01 | | |
| | | | E5700173 | 181.60 | 183.00 | 1.40 | 0.23 | | |
| | | | E5700175 | 183.00 | 184.10 | 1.10 | 0.21 | | |
| | | | E5700176 | 184.10 | 184.70 | 0.60 | 0.05 | | |
| | | | E5700177 | 184.70 | 186.10 | 1.40 | 0.05 | 0.05 | |
| | | | E5700178 | 186.10 | 187.50 | 1.40 | 0.08 | | |
| | | E5700179 | 187.50 | 189.00 | 1.50 | 0.02 | | | |
| | | E5700180 | 189.00 | 190.30 | 1.30 | 0.02 | | | |
| | | E5700181 | 190.30 | 191.50 | 1.20 | 0.13 | | | |
| | | E5700182 | 191.50 | 192.70 | 1.20 | 0.12 | | | |
| | | E5700183 | 192.70 | 194.00 | 1.30 | 0.08 | | | |
| | | E5700185 | 194.00 | 195.20 | 1.20 | 0.08 | | | |
| | | E5700186 | 195.20 | 195.80 | 0.60 | 1.03 | | | |

DETAILED LOG

Hole Number: HP14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 195.80 | 226.70 | VMM, MAFIC VOLCANIC MASSIVE HEMATITE ALTERED MAFIC VOLCANIC ROCK - Rock is dark grey to black with red tint. Aphanitic. Gradational upper contact marked with increased HE alteration. HE is patchy with fracture controlled SIL alteration. Moderate amounts of PY associated with fracture controlled alteration. Interval with higher PY concentrations as SIL increases. Low concentration of QZ dominant veinlets. Minor QZ breccia vein. Rock is hard with patchy weak magnetism. | E5700187 | 195.80 | 196.80 | 1.00 | 1.05 | | |
| | | | E5700188 | 196.80 | 198.00 | 1.20 | 0.43 | | |
| | | | E5700189 | 198.00 | 199.00 | 1.00 | 0.43 | | |
| | | | E5700190 | 199.00 | 200.00 | 1.00 | 0.61 | 0.56 | |
| | | | E5700191 | 200.00 | 201.00 | 1.00 | 0.57 | | |
| | | | E5700192 | 201.00 | 202.00 | 1.00 | 0.14 | | |
| | | | E5700193 | 202.00 | 203.00 | 1.00 | 0.11 | | |
| | | | E5700194 | 203.00 | 204.00 | 1.00 | 0.67 | | |
| | | | E5700195 | 204.00 | 205.00 | 1.00 | 0.67 | | |
| | | | E5700196 | 205.00 | 206.00 | 1.00 | 0.14 | | |
| | | | E5700197 | 206.00 | 207.00 | 1.00 | 0.13 | | |
| | | | E5700198 | 207.00 | 208.00 | 1.00 | 0.37 | | |
| | | | E5700200 | 208.00 | 209.00 | 1.00 | 0.12 | | |
| | | | E5700201 | 209.00 | 210.00 | 1.00 | 0.49 | | |
| | | | E5700202 | 210.00 | 211.00 | 1.00 | 0.39 | | |
| | | | E5700203 | 211.00 | 211.70 | 0.70 | 0.66 | | |
| | | | E5700204 | 211.70 | 212.50 | 0.80 | 0.80 | | |
| | | | E5700205 | 212.50 | 213.60 | 1.10 | 0.80 | | |
| | | | E5700207 | 213.60 | 214.60 | 1.00 | 0.24 | | |
| | | | E5700208 | 214.60 | 215.70 | 1.10 | 0.23 | | |
| | | | E5700209 | 215.70 | 216.70 | 1.00 | 0.44 | | |
| | | | E5700210 | 216.70 | 217.40 | 0.70 | 0.38 | | |
| | | | E5700211 | 217.40 | 218.10 | 0.70 | 1.27 | | |
| | | | E5700212 | 218.10 | 219.00 | 0.90 | 0.48 | | |
| | | | E5700213 | 219.00 | 219.60 | 0.60 | 1.08 | 1.15 | |
| | | | E5700214 | 219.60 | 220.60 | 1.00 | 2.57 | | |
| | | | E5700215 | 220.60 | 221.60 | 1.00 | 1.39 | | |
| | | | E5700217 | 221.60 | 222.60 | 1.00 | 0.60 | | |
| | | | E5700218 | 222.60 | 223.60 | 1.00 | 0.54 | | |
| | | | E5700219 | 223.60 | 223.90 | 0.30 | 0.65 | | |
| | | | E5700220 | 223.90 | 224.90 | 1.00 | 0.21 | | |
| | | | E5700221 | 224.90 | 225.90 | 1.00 | 1.49 | | |
| | | | E5700222 | 225.90 | 226.70 | 0.80 | 0.37 | | |
| 226.70 | 230.90 | ISO, SYENITIC INTRUSIVE FELDSPAR PORPHYRITIC SYENITE - Rock is pink and red. Massive. Distinct upper contact 45 degrees TCA with brecciation located around margins. Pervasive SIL with weak to moderate HE present. PY is disseminated throughout, but may be primary. Low frequency of QZ/CAR veinlets and fractures. Rock is hard with no magnetism. | E5700223 | 226.70 | 227.10 | 0.40 | 8.97 | | |
| | | | E5700224 | 227.10 | 228.00 | 0.90 | 0.63 | | |
| | | | E5700225 | 228.00 | 228.90 | 0.90 | 0.49 | | |
| | | | E5700226 | 228.90 | 229.90 | 1.00 | 0.44 | 0.49 | |
| | | | E5700228 | 229.90 | 230.90 | 1.00 | 0.23 | | |

Hole Number: HP14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 230.90 | 276.00 | VUO, ULTRAMAFIC VOLCANIC ULTRAMAFIC ROCK - Rock is very dark grey to black. Aphanitic. Distinct upper contact 45 degrees TCA. Pervasive CHL and TAL alteration. Minor intervals of LLO and a potential healed fault near top of unit. Minor mafic intrusion near end of hole. Trace sulphides. Low frequency of CAR fractures/veinlets. Weak to moderate patchy foliation 30-40 degrees TCA. Minor gouging near top and near end of unit. Rock is very soft with semi-pervasive moderate magnetism. | E5700229 | 230.90 | 231.60 | 0.70 | 0.18 | | |
| | | | E5700230 | 231.60 | 233.10 | 1.50 | 0.01 | | |
| | | | E5700231 | 233.10 | 234.00 | 0.90 | 0.00 | | |
| | | | E5700232 | 234.00 | 234.50 | 0.50 | 0.00 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700152 | 115.30 | 116.30 | 0.0060 | 0.0160 | |
| E5700153 | 116.30 | 116.60 | 0.0090 | | |
| E5700154 | 116.60 | 117.70 | 0.0040 | | |
| E5700155 | 166.40 | 167.40 | 0.0050 | | |
| E5700156 | 167.40 | 167.90 | 0.0130 | | |
| E5700158 | 167.90 | 168.30 | 2.9700 | | |
| E5700159 | 168.30 | 169.50 | 0.1460 | | |
| E5700160 | 169.50 | 170.30 | 0.1500 | | |
| E5700161 | 170.30 | 170.90 | 0.1540 | | |
| E5700162 | 170.90 | 171.50 | 0.7250 | | |
| E5700163 | 171.50 | 171.90 | 0.7990 | | |
| E5700165 | 171.90 | 172.90 | 0.0360 | 0.0470 | |
| E5700166 | 172.90 | 174.00 | 0.0380 | | |
| E5700167 | 174.00 | 175.50 | 0.0580 | | |
| E5700168 | 175.50 | 177.00 | 0.0620 | | |
| E5700169 | 177.00 | 178.50 | 0.0080 | | |
| E5700170 | 178.50 | 180.00 | 0.0030 | | |
| E5700171 | 180.00 | 180.90 | 0.0030 | | |
| E5700172 | 180.90 | 181.60 | 0.0060 | | |
| E5700173 | 181.60 | 183.00 | 0.2280 | | |
| E5700175 | 183.00 | 184.10 | 0.2060 | | |
| E5700176 | 184.10 | 184.70 | 0.0520 | | |
| E5700177 | 184.70 | 186.10 | 0.0540 | 0.0480 | |
| E5700178 | 186.10 | 187.50 | 0.0790 | | |
| E5700179 | 187.50 | 189.00 | 0.0150 | | |
| E5700180 | 189.00 | 190.30 | 0.0190 | | |
| E5700181 | 190.30 | 191.50 | 0.1260 | | |
| E5700182 | 191.50 | 192.70 | 0.1190 | | |
| E5700183 | 192.70 | 194.00 | 0.0820 | | |

Hole Number: HP14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700185 | 194.00 | 195.20 | 0.0760 | | |
| E5700186 | 195.20 | 195.80 | 1.0300 | | |
| E5700187 | 195.80 | 196.80 | 1.0500 | | |
| E5700188 | 196.80 | 198.00 | 0.4280 | | |
| E5700189 | 198.00 | 199.00 | 0.4270 | | |
| E5700190 | 199.00 | 200.00 | 0.6120 | 0.5550 | |
| E5700191 | 200.00 | 201.00 | 0.5670 | | |
| E5700192 | 201.00 | 202.00 | 0.1430 | | |
| E5700193 | 202.00 | 203.00 | 0.1090 | | |
| E5700194 | 203.00 | 204.00 | 0.6650 | | |
| E5700195 | 204.00 | 205.00 | 0.6730 | | |
| E5700196 | 205.00 | 206.00 | 0.1390 | | |
| E5700197 | 206.00 | 207.00 | 0.1290 | | |
| E5700198 | 207.00 | 208.00 | 0.3670 | | |
| E5700200 | 208.00 | 209.00 | 0.1170 | | |
| E5700201 | 209.00 | 210.00 | 0.4860 | | |
| E5700202 | 210.00 | 211.00 | 0.3880 | | |
| E5700203 | 211.00 | 211.70 | 0.6590 | | |
| E5700204 | 211.70 | 212.50 | 0.8030 | | |
| E5700205 | 212.50 | 213.60 | 0.8010 | | |
| E5700207 | 213.60 | 214.60 | 0.2390 | | |
| E5700208 | 214.60 | 215.70 | 0.2320 | | |
| E5700209 | 215.70 | 216.70 | 0.4350 | | |
| E5700210 | 216.70 | 217.40 | 0.3760 | | |
| E5700211 | 217.40 | 218.10 | 1.2700 | | |
| E5700212 | 218.10 | 219.00 | 0.4800 | | |
| E5700213 | 219.00 | 219.60 | 1.0800 | 1.1500 | |
| E5700214 | 219.60 | 220.60 | 2.5700 | | |
| E5700215 | 220.60 | 221.60 | 1.3900 | | |
| E5700217 | 221.60 | 222.60 | 0.5990 | | |
| E5700218 | 222.60 | 223.60 | 0.5420 | | |
| E5700219 | 223.60 | 223.90 | 0.6450 | | |
| E5700220 | 223.90 | 224.90 | 0.2070 | | |
| E5700221 | 224.90 | 225.90 | 1.4900 | | |
| E5700222 | 225.90 | 226.70 | 0.3720 | | |
| E5700223 | 226.70 | 227.10 | 8.9700 | | |
| E5700224 | 227.10 | 228.00 | 0.6320 | | |
| E5700225 | 228.00 | 228.90 | 0.4930 | | |
| E5700226 | 228.90 | 229.90 | 0.4380 | 0.4860 | |

Hole Number: HP14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700228 | 229.90 | 230.90 | 0.2310 | | |
| E5700229 | 230.90 | 231.60 | 0.1830 | | |
| E5700230 | 231.60 | 233.10 | 0.0050 | | |
| E5700231 | 233.10 | 234.00 | 0.0005 | | |
| E5700232 | 234.00 | 234.50 | 0.0005 | | |

| | |
|-----|--------|
| HPO | 0 |
| | 15.00 |
| VGO | 15.00 |
| | 138.00 |
| VMM | 138.00 |
| | 184.90 |
| VMM | 184.90 |
| | 250.60 |
| VUO | 250.60 |
| | 288.00 |

| | | | | | |
|---------------------------|--|---------------------------|--|--------------------|--|
| Hole No: HP14-002 | | Hole Type: DDH | | Hole Size: NQ | |
| Location: Hislop Township | | Core Storage: Exploration | | | |
| Casing: YES | | Claim No: L23130 | | | |
| Unit of Degree: DECIMAL | | Unit of Measure: METRIC | | From: 0 To: 288.00 | |

| | | | | |
|---------------------|-----------------|---|---|---|
| Azimuth Dec: 210.00 | Dip Dec: -53.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Garant Start Date: Apr 07, 2014 Completed: Apr 10, 2014

Logged By: bhua Entered On: Apr 20, 2014

Comments: Block error at 21m. Duplicated 18m block. All blocks shifted to reflect actual core length.
Block error at 27m. Duplicated 24m block. All blocks shifted to reflect actual core length.

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371955.000000 | 552231.000000 | 300.0000 | UTM:NAD83: | | | | |



DETAILED LOG

Hole Number: HP14-002

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|--|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM:NAD83: | Collar Dip: -53.00 |
| Project Number: HISLOP | North: 5371955.00 | North: | Collar Az: 210.00 |
| Location: Hislop Township | East: 552231.00 | East: | Length: 288.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Apr 07, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Apr 10, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 288.00 |

Comments: Block error at 21m. Duplicated 18m block. All blocks shifted to reflect actual core length.
 Block error at 27m. Duplicated 24m block. All blocks shifted to reflect actual core length.

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|--|--------|--------------------|----------------|--------------|------|--|
| 0.00 | 210.00 | -53.00 | EZ Sho | N | Planned Collar; Direction not used due to deviation shown in first | 36.00 | 217.60 | -51.00 | EZ Sho | DO | mag field - 5398; Dip only due to deviation shown in following 2 tests |
| 51.00 | 212.70 | -51.30 | EZ Sho | OK | mag field - 5499 | 102.00 | 213.70 | -51.40 | EZ Sho | OK | mag field - 5572 |
| 150.00 | 216.60 | -50.60 | EZ Sho | OK | mag field - 5609 | 204.00 | 224.30 | -50.90 | EZ Sho | DO | mag field - 5606; Dip only due to large deviation from other tests. |
| 252.00 | 214.70 | -50.80 | EZ Sho | OK | mag field - 5593 | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 15.00 | HPO, OVERBURDEN OVERBURDEN - 15m of casing used. Some boulders recovered. | | | | | | | |
| 15.00 | 138.00 | VGO, GABBRO MAFIC GABBRO - Rock is dark green. Fine to medium grained. Amphibole phenocrysts up to 2-3mm in diameter. Patchy intervals with disseminated LCX. EP and HE is fracture filling. Trace sulphides. Low frequency of CAL fracturing/stringers. Vuggy texture present along CAL stringers. Rock is soft with moderate pervasive magnetism. | | | | | | | |
| 138.00 | 184.90 | VMM, MAFIC VOLCANIC MASSIVE MAFIC VOLCANIC ROCK - Rock is dark green. Aphanitic to fine grained. Weak patches containing disseminated LCX. HE is present rarely along fractures. Trace sulphides but can be clustered along fractures. Low concentration of CAL stringers/fractures. Locally brecciated with minor SER alteration. Rock is soft with strong pervasive magnetism. | E5700233 | 184.00 | 184.90 | 0.90 | 0.01 | | |

Hole Number: HP14-002

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 184.90 | 250.60 | VMM, MAFIC VOLCANIC MASSIVE BLEACHED AND HEMATIZED MAFIC ROCK - Rock is beige to red. Aphanitic. Upper contact marked where BLE occurs. Semi-pervasive intervals of HE and BLE. Generally trace PY, but can be clustered with increased SER alteration closer to top of unit. PY does decrease with depth. Low frequency of QZ veining, some containing xenoliths. Rock is hard with patchy weak magnetism. Minor QZ breccia present near top of unit. MINOR INTERVALS: Minor Interval: 199.30 - 199.70 QBX, QUARTZ BRECCIA | E5700234 | 184.90 | 186.00 | 1.10 | 0.08 | | |
| | | | E5700235 | 186.00 | 187.00 | 1.00 | 0.03 | | |
| | | | E5700236 | 187.00 | 188.00 | 1.00 | 0.13 | | |
| | | | E5700237 | 188.00 | 188.70 | 0.70 | 0.35 | | |
| | | | E5700239 | 188.70 | 190.00 | 1.30 | 2.24 | | |
| | | | E5700240 | 190.00 | 191.20 | 1.20 | 0.86 | | |
| | | | E5700241 | 191.20 | 192.30 | 1.10 | 1.25 | | |
| | | | E5700242 | 192.30 | 193.50 | 1.20 | 0.13 | | |
| | | | E5700243 | 193.50 | 194.80 | 1.30 | 0.61 | | |
| | | | E5700244 | 194.80 | 196.20 | 1.40 | 0.47 | | |
| | | | E5700245 | 196.20 | 197.20 | 1.00 | 0.54 | | |
| | | | E5700246 | 197.20 | 198.20 | 1.00 | 0.08 | 0.08 | |
| | | | E5700247 | 198.20 | 199.00 | 0.80 | 0.54 | | |
| | | | E5700249 | 199.00 | 199.30 | 0.30 | 0.80 | | |
| | | | E5700250 | 199.30 | 199.70 | 0.40 | 1.06 | | |
| | | | E5700251 | 199.70 | 200.60 | 0.90 | 2.74 | | |
| | | | E5700252 | 200.60 | 201.80 | 1.20 | 1.49 | | |
| | | | E5700253 | 201.80 | 202.80 | 1.00 | 0.18 | | |
| | | | E5700254 | 202.80 | 204.00 | 1.20 | 0.05 | | |
| | | | E5700255 | 204.00 | 205.50 | 1.50 | 0.06 | | |
| | | | E5700256 | 205.50 | 207.00 | 1.50 | 0.21 | | |
| | | | E5700257 | 207.00 | 208.00 | 1.00 | 0.24 | | |
| | | | E5700259 | 208.00 | 209.10 | 1.10 | 0.05 | 0.05 | |
| | | | E5700260 | 209.10 | 209.60 | 0.50 | 0.50 | | |
| | | | E5700261 | 209.60 | 210.20 | 0.60 | 0.15 | | |
| | | | E5700262 | 210.20 | 211.20 | 1.00 | 0.06 | | |
| | | | E5700263 | 243.20 | 244.20 | 1.00 | 0.04 | | |
| | | | E5700264 | 244.20 | 245.20 | 1.00 | 0.03 | | |
| | | | E5700265 | 245.20 | 246.10 | 0.90 | 0.07 | | |
| | | | E5700266 | 246.10 | 246.70 | 0.60 | 1.93 | | |
| | | | E5700268 | 246.70 | 247.60 | 0.90 | 0.73 | | |
| | | | E5700269 | 247.60 | 248.60 | 1.00 | 0.01 | | |
| | | | E5700270 | 248.60 | 249.20 | 0.60 | 0.02 | | |
| | | | E5700271 | 249.20 | 250.60 | 1.40 | 0.46 | | |

Hole Number: HP14-002

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 250.60 | 288.00 | VUO, ULTRAMAFIC VOLCANIC ULTRAMAFIC ROCK - Rock is dark grey to black. Aphanitic. Distinct upper contact approximately 30-40 degrees TCA with minor gouging also present. Pervasive CHL/TAL alteration. Trace sulphides. Minor IMO intrusions near top of unit with pervasive HE alteration. Gouging and faulting present sporadically throughout. Rock is very soft with no magnetism. MINOR INTERVALS: Minor Interval: 252.30 - 252.60 IMO, MAFIC INTUSIVE Minor Interval: 259.00 - 259.80 IMO, MAFIC INTUSIVE | E5700272 | 250.60 | 251.80 | 1.20 | 1.89 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700233 | 184.00 | 184.90 | 0.0060 | | |
| E5700234 | 184.90 | 186.00 | 0.0770 | | |
| E5700235 | 186.00 | 187.00 | 0.0270 | | |
| E5700236 | 187.00 | 188.00 | 0.1300 | | |
| E5700237 | 188.00 | 188.70 | 0.3540 | | |
| E5700239 | 188.70 | 190.00 | 2.2400 | | |
| E5700240 | 190.00 | 191.20 | 0.8630 | | |
| E5700241 | 191.20 | 192.30 | 1.2500 | | |
| E5700242 | 192.30 | 193.50 | 0.1320 | | |
| E5700243 | 193.50 | 194.80 | 0.6140 | | |
| E5700244 | 194.80 | 196.20 | 0.4670 | | |
| E5700245 | 196.20 | 197.20 | 0.5350 | | |
| E5700246 | 197.20 | 198.20 | 0.0780 | 0.0830 | |
| E5700247 | 198.20 | 199.00 | 0.5400 | | |
| E5700249 | 199.00 | 199.30 | 0.7950 | | |
| E5700250 | 199.30 | 199.70 | 1.0600 | | |
| E5700251 | 199.70 | 200.60 | 2.7400 | | |
| E5700252 | 200.60 | 201.80 | 1.4900 | | |
| E5700253 | 201.80 | 202.80 | 0.1770 | | |
| E5700254 | 202.80 | 204.00 | 0.0500 | | |
| E5700255 | 204.00 | 205.50 | 0.0630 | | |
| E5700256 | 205.50 | 207.00 | 0.2050 | | |
| E5700257 | 207.00 | 208.00 | 0.2370 | | |
| E5700259 | 208.00 | 209.10 | 0.0480 | 0.0500 | |
| E5700260 | 209.10 | 209.60 | 0.4950 | | |

Hole Number: HP14-002

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700261 | 209.60 | 210.20 | 0.1490 | | |
| E5700262 | 210.20 | 211.20 | 0.0640 | | |
| E5700263 | 243.20 | 244.20 | 0.0400 | | |
| E5700264 | 244.20 | 245.20 | 0.0300 | | |
| E5700265 | 245.20 | 246.10 | 0.0670 | | |
| E5700266 | 246.10 | 246.70 | 1.9300 | | |
| E5700268 | 246.70 | 247.60 | 0.7270 | | |
| E5700269 | 247.60 | 248.60 | 0.0140 | | |
| E5700270 | 248.60 | 249.20 | 0.0240 | | |
| E5700271 | 249.20 | 250.60 | 0.4610 | | |
| E5700272 | 250.60 | 251.80 | 1.8900 | | |

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 15.00 |
| | VMA | 15.00 |
| | | 97.10 |
| | VMV | 97.10 |
| | | 118.80 |
| | VMM | 118.80 |
| | | 271.40 |
| | ISO | 271.40 |
| | | 285.60 |
| | IMO | 285.60 |
| | | 293.00 |
| | VUO | 293.00 |
| | | 353.30 |
| | IPF | 353.30 |
| | | 381.00 |

| | | | | | |
|---------------------------|--|---------------------------|--|---|--|
| Hole No: HP14-003 | | Hole Type: DDH | | Hole Size: NQ | |
| Location: Hislop Township | | Core Storage: Exploration | | | |
| Casing: YES | | Claim No: L23130 | | | |
| Unit of Degree: DECIMAL | | Unit of Measure: METRIC | | From: 0 To: 381.00 | |
| Azimuth Dec: 216.00 | | Dip Dec: -51.00 | | Collar Survey: <input type="checkbox"/> | |
| | | | | Pulse Em Survey: <input type="checkbox"/> | |
| | | | | Multi Shot Survey: <input type="checkbox"/> | |
| | | | | Making Water: <input type="checkbox"/> | |
| | | | | Is Hole Plugged: <input type="checkbox"/> | |
| | | | | Is Cemented: <input type="checkbox"/> | |
| Contractor: Garant | | Start Date: Apr 15, 2014 | | Completed: Apr 20, 2014 | |
| Logged By: bhua | | Entered On: Apr 20, 2014 | | | |
| Comments: | | | | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371937.530000 | 552311.510000 | 301.4700 | UTM:NAD83: | | | | |

DETAILED LOG

Hole Number: HP14-003

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|--|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM:NAD83: | Collar Dip: -51.00 |
| Project Number: HISLOP | North: 5371937.53 | North: | Collar Az: 216.00 |
| Location: Hislop Township | East: 552311.51 | East: | Length: 381.00 |
| | Elev: 301.47 | Elev: | Start Depth: 0.00 |
| Date Started: Apr 15, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Apr 20, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 381.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---|--------|--------------------|----------------|--------------|------|--|
| 0.00 | 216.00 | -51.00 | EZ Sho | N | Planned collar; first test shows small deviation. | 36.00 | 214.60 | -50.40 | EZ Sho | OK | mag field = 5569 |
| 54.00 | 219.80 | -50.30 | EZ Sho | OK | mag field = 5476 | 102.00 | 221.50 | -49.70 | EZ Sho | DO | mag field = 5296; mag a little low, dip only |
| 111.00 | 219.30 | -49.60 | EZ Sho | OK | mag field = 5442 | 150.00 | 214.40 | -49.80 | EZ Sho | DO | mag field = 5804; mag a little high. Dip only |
| 201.00 | 219.80 | -49.60 | EZ Sho | OK | mag field = 5445 | 252.00 | 214.50 | -49.10 | EZ Sho | DO | mag field = 5429; Mag could be a little low. Dip only due to deviation |
| 300.00 | 221.30 | -49.10 | EZ Sho | OK | mag field = 5584 | 350.00 | 225.20 | -49.50 | EZ Sho | OK | mag field = 5689 |
| 381.00 | 225.40 | -49.90 | EZ Sho | OK | mag field = 5571 | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|------|----|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 15.00 | HPO, OVERBURDEN OVERBURDEN - 15m of casing used. | | | | | | | |
| 15.00 | 97.10 | VMA, MAFIC VOLCANIC AMYGDALOIDAL MAFIC AMYGDALOIDAL FLOW - Rock is dark green. Aphanitic to very fine grained. Amygdules up to 3mm in diameter and clustered more at depth in unit. EP is present within fractures. Trace PY, but can be present within amygdules. CAL fractures are present in low frequency. Rock is hard with moderate patchy magnetism. | | | | | | | |
| 97.10 | 118.80 | VMV, MAFIC VOLCANIC VARIOLITIC MAFIC VAROLITIC FLOW - Rock is dark green. Aphanitic. Upper contact marked where increase in varioles present. Varioles up to 2cm in diameter and irregular shape. HE is rarely present within minor fractures. Trace PY. Locally brecciated. Gouge present at end of unit approximately 30-35 degrees TCA. Low frequency of QZ/CAR stringers and fractures. Rock is hard with patchy moderate magnetism. | | | | | | | |

DETAILED LOG

Hole Number: HP14-003

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 118.80 | 271.40 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC ROCK - Rock is dark green. Very fine grained to fine grained. Upper contact marked after gouge 35 degrees TCA. Patchy HE alteration with minor intervals with SER alteration. Increased PY concentrations with SER and SIL alteration. PY is v.f.g. disseminated generally around QZ veining. QZ/CAR veinlets present in low frequency, but increases where SER and PY is present. Minor concentration of QZ breccia veins in middle of unit. Rock is moderate with patchy moderate magnetism. | E5700273 | 141.40 | 142.50 | 1.10 | 0.01 | 0.02 | |
| | | | E5700274 | 142.50 | 143.40 | 0.90 | 0.33 | | |
| | | | E5700275 | 143.40 | 144.70 | 1.30 | 0.18 | | |
| | | | E5700293 | 144.70 | 145.30 | 0.60 | 0.78 | | |
| | | | E5700294 | 145.30 | 146.30 | 1.00 | 0.56 | | |
| | | | E5700295 | 146.30 | 146.70 | 0.40 | 0.57 | | |
| | | | E5700296 | 146.70 | 148.00 | 1.30 | 0.01 | | |
| | | | E5700276 | 159.60 | 160.40 | 0.80 | 0.01 | | |
| | | | E5700277 | 160.40 | 161.40 | 1.00 | 1.61 | | |
| | | | E5700279 | 161.40 | 162.40 | 1.00 | 1.61 | | |
| | | | E5700280 | 162.40 | 163.20 | 0.80 | 0.03 | | |
| | | | E5700281 | 163.20 | 164.00 | 0.80 | 0.01 | | |
| | | | E5700282 | 164.00 | 165.50 | 1.50 | 0.01 | | |
| | | | E5700283 | 165.50 | 167.00 | 1.50 | 0.01 | | |
| | | | E5700284 | 167.00 | 168.50 | 1.50 | 0.01 | | |
| | | | E5700285 | 168.50 | 169.50 | 1.00 | 0.00 | | |
| | | | E5700286 | 169.50 | 170.60 | 1.10 | 0.39 | 0.40 | |
| | | | E5700288 | 170.60 | 171.30 | 0.70 | 0.70 | | |
| | | | E5700289 | 171.30 | 172.00 | 0.70 | 0.40 | | |
| | | | E5700290 | 172.00 | 172.60 | 0.60 | 1.43 | | |
| | | | E5700291 | 172.60 | 173.70 | 1.10 | 0.03 | | |
| | | | E5700292 | 173.70 | 174.60 | 0.90 | 0.01 | | |
| | | | E5700297 | 174.60 | 175.70 | 1.10 | 0.00 | | |
| | | | E5700299 | 175.70 | 177.00 | 1.30 | 0.01 | | |
| | | | E5700300 | 177.00 | 178.50 | 1.50 | 0.07 | | |
| | | | E5700301 | 178.50 | 180.00 | 1.50 | 0.02 | | |
| | | | E5700302 | 180.00 | 181.10 | 1.10 | 0.02 | | |
| | | | E5700303 | 181.10 | 181.50 | 0.40 | 0.63 | | |
| | | | E5700304 | 181.50 | 182.70 | 1.20 | 0.19 | | |
| | | | E5700305 | 182.70 | 184.00 | 1.30 | 0.01 | | |
| | | | E5700306 | 184.00 | 184.30 | 0.30 | 4.74 | | |
| | | | E5700308 | 184.30 | 184.60 | 0.30 | 0.21 | | |
| | | | E5700309 | 184.60 | 185.30 | 0.70 | 2.52 | | |
| | | | E5700310 | 185.30 | 185.90 | 0.60 | 0.09 | | |
| | | | E5700311 | 185.90 | 186.60 | 0.70 | 0.68 | 0.62 | |
| | | | E5700312 | 186.60 | 187.50 | 0.90 | 0.01 | | |
| | | | E5700313 | 187.50 | 189.00 | 1.50 | 0.01 | | |
| | | | E5700314 | 237.00 | 238.00 | 1.00 | 0.01 | | |
| | | | E5700315 | 238.00 | 238.50 | 0.50 | 0.10 | | |
| | | | E5700316 | 238.50 | 240.00 | 1.50 | 0.01 | | |
| | | | E5700317 | 260.50 | 261.60 | 1.10 | 0.05 | | |
| | | | E5700319 | 261.60 | 263.00 | 1.40 | 0.03 | | |
| | | | E5700320 | 263.00 | 264.30 | 1.30 | 0.11 | | |

Hole Number: HP14-003

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E5700321 | 264.30 | 265.50 | 1.20 | 0.06 | | |
| | | | E5700322 | 265.50 | 266.80 | 1.30 | 0.15 | | |
| | | | E5700323 | 266.80 | 268.00 | 1.20 | 0.03 | 0.03 | |
| | | | E5700324 | 268.00 | 269.20 | 1.20 | 0.17 | | |
| | | | E5700325 | 269.20 | 270.40 | 1.20 | 0.28 | | |
| | | | E5700326 | 270.40 | 271.40 | 1.00 | 0.04 | | |
| 271.40 | 285.60 | ISO, SYENITIC INTRUSIVE FELDSPAR SYENITE - Rock is red and green. Massive. Distinct upper contact 75 degrees TCA. EP and HE alteration is fracture controlled. Low concentration of disseminated PY localized around fractures. Low frequency of QZ veining, which may contain xenoliths. Rock is hard with no magnetism. | E5700327 | 271.40 | 272.90 | 1.50 | 0.26 | | |
| | | | E5700329 | 272.90 | 273.30 | 0.40 | 0.16 | | |
| | | | E5700330 | 273.30 | 274.50 | 1.20 | 0.76 | | |
| | | | E5700331 | 274.50 | 276.00 | 1.50 | 2.07 | | |
| | | | E5700332 | 276.00 | 277.50 | 1.50 | 0.60 | | |
| | | | E5700333 | 277.50 | 279.00 | 1.50 | 3.38 | | |
| | | | E5700334 | 279.00 | 280.50 | 1.50 | 0.26 | | |
| | | | E5700335 | 280.50 | 282.00 | 1.50 | 0.09 | | |
| | | | E5700336 | 282.00 | 283.50 | 1.50 | 0.05 | 0.06 | |
| | | | E5700337 | 283.50 | 284.70 | 1.20 | 0.14 | | |
| | | | E5700339 | 284.70 | 285.60 | 0.90 | 0.38 | | |
| 285.60 | 293.00 | IMO, MAFIC INTUSIVE MAFIC INTRUSIVE ROCK - Rock is dark brick red. Fine grained with CAR phenocrysts?. Distinct contacts with interstitial layering with mafic rock. IMO has pervasive HE alteration with v.f.g. disseminated PY. Low frequency of CAL fracturing and stringers. MINOR INTERVALS: Minor Interval: 286.30 - 287.10 VMM, MAFIC VOLCANIC MASSIVE Minor Interval: 290.10 - 291.30 VMM, MAFIC VOLCANIC MASSIVE | E5700340 | 285.60 | 286.30 | 0.70 | 4.44 | | |
| | | | E5700341 | 286.30 | 287.10 | 0.80 | 2.09 | | |
| | | | E5700342 | 287.10 | 288.60 | 1.50 | 10.00 | | 10.20 |
| | | | E5700343 | 288.60 | 290.10 | 1.50 | 2.69 | | |
| | | | E5700344 | 290.10 | 291.30 | 1.20 | 0.75 | | |
| | | | E5700345 | 291.30 | 292.20 | 0.90 | 5.40 | | |
| | | | E5700346 | 292.20 | 293.00 | 0.80 | 2.34 | | |
| 293.00 | 353.30 | VUO, ULTRAMAFIC VOLCANIC ULTRAMAFIC ROCK - Rock is dark grey to black. Aphanitic. Distinct upper contact 30 degrees TCA. Minor mafic intrusions near top of unit. Pervasive CHL and TAL alteration. Trace sulphides, but minor patches containing c.g. disseminated PY. Minor gouges and rubble faults spanning over 10cm. CAR fracturing present in low frequency. Rock is very soft with no magnetism. MINOR INTERVALS: Minor Interval: 300.20 - 301.10 IMO, MAFIC INTUSIVE Minor Interval: 350.10 - 351.30 IMO, MAFIC INTUSIVE | E5700347 | 293.00 | 294.00 | 1.00 | 1.23 | | |
| | | | E5700348 | 294.00 | 295.00 | 1.00 | 0.48 | 0.49 | |
| | | | E5700349 | 295.00 | 296.00 | 1.00 | 1.10 | | |
| | | | E5700350 | 296.00 | 297.00 | 1.00 | 0.01 | | |
| | | | E5700351 | 297.00 | 298.50 | 1.50 | 0.01 | | |
| | | | E5700352 | 298.50 | 300.00 | 1.50 | 0.02 | | |

Hole Number: HP14-003

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|------|----|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 353.30 | 381.00 | IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY - Rock is pink. Massive with feldspar phenocrysts up to 1mm in width. Distinct upper contact 20 degrees TCA. Trace sulphides. Minor HE alteration present around fractures. Low frequency of QZ/CAR veinlets and fractures, but QZ veining increases at depth within unit. Rock is hard with no magnetism. | | | | | | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700273 | 141.40 | 142.50 | 0.0120 | 0.0180 | |
| E5700274 | 142.50 | 143.40 | 0.3260 | | |
| E5700275 | 143.40 | 144.70 | 0.1780 | | |
| E5700293 | 144.70 | 145.30 | 0.7770 | | |
| E5700294 | 145.30 | 146.30 | 0.5560 | | |
| E5700295 | 146.30 | 146.70 | 0.5730 | | |
| E5700296 | 146.70 | 148.00 | 0.0050 | | |
| E5700276 | 159.60 | 160.40 | 0.0060 | | |
| E5700277 | 160.40 | 161.40 | 1.6100 | | |
| E5700279 | 161.40 | 162.40 | 1.6100 | | |
| E5700280 | 162.40 | 163.20 | 0.0260 | | |
| E5700281 | 163.20 | 164.00 | 0.0140 | | |
| E5700282 | 164.00 | 165.50 | 0.0070 | | |
| E5700283 | 165.50 | 167.00 | 0.0120 | | |
| E5700284 | 167.00 | 168.50 | 0.0060 | | |
| E5700285 | 168.50 | 169.50 | 0.0030 | | |
| E5700286 | 169.50 | 170.60 | 0.3930 | 0.3960 | |
| E5700288 | 170.60 | 171.30 | 0.6990 | | |
| E5700289 | 171.30 | 172.00 | 0.3960 | | |
| E5700290 | 172.00 | 172.60 | 1.4300 | | |
| E5700291 | 172.60 | 173.70 | 0.0260 | | |
| E5700292 | 173.70 | 174.60 | 0.0140 | | |
| E5700297 | 174.60 | 175.70 | 0.0040 | | |
| E5700299 | 175.70 | 177.00 | 0.0090 | | |
| E5700300 | 177.00 | 178.50 | 0.0650 | | |
| E5700301 | 178.50 | 180.00 | 0.0150 | | |
| E5700302 | 180.00 | 181.10 | 0.0170 | | |
| E5700303 | 181.10 | 181.50 | 0.6340 | | |
| E5700304 | 181.50 | 182.70 | 0.1880 | | |
| E5700305 | 182.70 | 184.00 | 0.0120 | | |
| E5700306 | 184.00 | 184.30 | 4.7400 | | |

Hole Number: HP14-003

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5700308 | 184.30 | 184.60 | 0.2140 | | |
| E5700309 | 184.60 | 185.30 | 2.5200 | | |
| E5700310 | 185.30 | 185.90 | 0.0870 | | |
| E5700311 | 185.90 | 186.60 | 0.6840 | 0.6220 | |
| E5700312 | 186.60 | 187.50 | 0.0060 | | |
| E5700313 | 187.50 | 189.00 | 0.0140 | | |
| E5700314 | 237.00 | 238.00 | 0.0100 | | |
| E5700315 | 238.00 | 238.50 | 0.1020 | | |
| E5700316 | 238.50 | 240.00 | 0.0080 | | |
| E5700317 | 260.50 | 261.60 | 0.0450 | | |
| E5700319 | 261.60 | 263.00 | 0.0320 | | |
| E5700320 | 263.00 | 264.30 | 0.1100 | | |
| E5700321 | 264.30 | 265.50 | 0.0590 | | |
| E5700322 | 265.50 | 266.80 | 0.1450 | | |
| E5700323 | 266.80 | 268.00 | 0.0300 | 0.0300 | |
| E5700324 | 268.00 | 269.20 | 0.1730 | | |
| E5700325 | 269.20 | 270.40 | 0.2840 | | |
| E5700326 | 270.40 | 271.40 | 0.0350 | | |
| E5700327 | 271.40 | 272.90 | 0.2630 | | |
| E5700329 | 272.90 | 273.30 | 0.1620 | | |
| E5700330 | 273.30 | 274.50 | 0.7600 | | |
| E5700331 | 274.50 | 276.00 | 2.0700 | | |
| E5700332 | 276.00 | 277.50 | 0.6000 | | |
| E5700333 | 277.50 | 279.00 | 3.3800 | | |
| E5700334 | 279.00 | 280.50 | 0.2570 | | |
| E5700335 | 280.50 | 282.00 | 0.0890 | | |
| E5700336 | 282.00 | 283.50 | 0.0480 | 0.0550 | |
| E5700337 | 283.50 | 284.70 | 0.1410 | | |
| E5700339 | 284.70 | 285.60 | 0.3840 | | |
| E5700340 | 285.60 | 286.30 | 4.4400 | | |
| E5700341 | 286.30 | 287.10 | 2.0900 | | |
| E5700342 | 287.10 | 288.60 | 10.0000 | | 10.2000 |
| E5700343 | 288.60 | 290.10 | 2.6900 | | |
| E5700344 | 290.10 | 291.30 | 0.7480 | | |
| E5700345 | 291.30 | 292.20 | 5.4000 | | |
| E5700346 | 292.20 | 293.00 | 2.3400 | | |
| E5700347 | 293.00 | 294.00 | 1.2300 | | |
| E5700348 | 294.00 | 295.00 | 0.4750 | 0.4890 | |
| E5700349 | 295.00 | 296.00 | 1.1000 | | |

Hole Number: HP14-003

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|-------------------|--------|--------|-----------|------------|-------------|
| Sample Type ASSAY | | | | | |
| E5700350 | 296.00 | 297.00 | 0.0090 | | |
| E5700351 | 297.00 | 298.50 | 0.0080 | | |
| E5700352 | 298.50 | 300.00 | 0.0150 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| | 0 |
| HPO | 6.00 |
| VMV | 36.50 |
| VMM | 199.70 |
| VMA | 222.40 |
| VMM | 301.30 |
| VMM | 339.30 |
| ISO | 369.30 |
| VUO | 432.00 |

| | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------|---|---------------------|-----------------|---|--|--|---|--|--|---|--|--|--|--|--|---|--|--|---------------------------------------|
| Hole No: HP14-004 | Hole Type: Explor | Hole Size: NQ | | | | | | | | | | | | | | | | | | |
| Location: Hislop Township | Core Storage: Exploration | | | | | | | | | | | | | | | | | | | |
| Casing: YES | Claim No: L26959 | | | | | | | | | | | | | | | | | | | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 432.00 | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Azimuth Dec: 188.00</td> <td style="width: 33%;">Dip Dec: -45.00</td> <td style="width: 33%;">Collar Survey: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Pulse Em Survey: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Multi Shot Survey: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Making Water: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Is Hole Plugged: <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Is Cemented: <input type="checkbox"/></td> </tr> </table> | | | Azimuth Dec: 188.00 | Dip Dec: -45.00 | Collar Survey: <input type="checkbox"/> | | | Pulse Em Survey: <input type="checkbox"/> | | | Multi Shot Survey: <input type="checkbox"/> | | | Making Water: <input type="checkbox"/> | | | Is Hole Plugged: <input type="checkbox"/> | | | Is Cemented: <input type="checkbox"/> |
| Azimuth Dec: 188.00 | Dip Dec: -45.00 | Collar Survey: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Pulse Em Survey: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Multi Shot Survey: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Making Water: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Is Hole Plugged: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | | Is Cemented: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| Contractor: Garant | Start Date: Jun 14, 2014 | Completed: Jun 19, 2014 | | | | | | | | | | | | | | | | | | |
| Logged By: ssanderson | Entered On: Jun 28, 2014 | | | | | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371838.000000 | 552570.000000 | 299.0000 | UTM: | | | | |

Amontha McDonald

DETAILED LOG

Hole Number: HP14-004

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -45.00 |
| Project Number: HISLOP | North: 5371838.00 | North: | Collar Az: 188.00 |
| Location: Hislop Township | East: 552570.00 | East: | Length: 432.00 |
| | Elev: 299.00 | Elev: | Start Depth: 0.00 |
| Date Started: Jun 14, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Jun 19, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 432.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---|--------|--------------------|----------------|--------------|------|--|
| 0.00 | 188.30 | -44.70 | EZ Sho | OK | Duplicate of first test due to deviation from plan | 27.00 | 188.30 | -44.70 | EZ Sho | OK | Mag field may be good, but azimuth off. Dip only |
| 51.00 | 184.10 | -44.50 | EZ Sho | OK | Azimuth shows deviation, but mag on par. test kept. | 102.00 | 191.70 | -44.40 | EZ Sho | OK | |
| 150.00 | 189.20 | -44.00 | EZ Sho | OK | | 201.00 | 206.20 | -44.20 | EZ Sho | DO | |
| 249.00 | 183.00 | -43.60 | EZ Sho | DO | Mag field high, dip only | 300.00 | 189.80 | -43.50 | EZ Sho | OK | |
| 351.00 | 198.00 | -43.60 | EZ Sho | OK | | 399.00 | 200.90 | -43.70 | EZ Sho | OK | |
| 432.00 | 199.70 | -44.20 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 6.00 | HPO, OVERBURDEN Overburden | | | | | | | |
| 6.00 | 36.50 | VMV, MAFIC VOLCANIC VARIOLITIC Variolitic mafic unit. Pink green-grey colour. Pink colour from the occurrence of feldspar. Weak patchy magnetism. Small rounded varioules pervasive throughout occur at a scale of mm to a few centimetres. Weak hematite alteration throughout. Very weak patchy sub-angular cm scale brecciation noticed (primarily towards end of unit). Minor Lucoxene alteration noticed. Weak quartz and quartz carbonate stringers/veinlets variable TCA throughout. Feldspar often infills veins. Trace sulphides throughout, local clusters/blebs up to ~5%, occasional vein hosted sulphides occurring up to ~5%. Sharp lower contact at ~45 degrees TCA. | E401501 | 6.00 | 7.00 | 1.00 | 0.01 | | |
| | | | E401502 | 7.00 | 8.00 | 1.00 | 0.09 | | |
| | | | E401503 | 8.00 | 9.00 | 1.00 | 0.03 | | |
| | | | E401504 | 9.00 | 10.00 | 1.00 | 0.54 | | |
| | | | E401506 | 10.00 | 11.00 | 1.00 | 0.16 | | |
| | | | E401507 | 11.00 | 12.00 | 1.00 | 0.17 | | |
| | | | E401508 | 12.00 | 13.00 | 1.00 | 1.10 | | |
| | | | E401509 | 13.00 | 14.00 | 1.00 | 1.03 | | |
| | | | E401510 | 14.00 | 15.00 | 1.00 | 0.02 | | |
| | | | E401511 | 15.00 | 16.00 | 1.00 | 0.15 | | |
| | | | E401512 | 16.00 | 17.00 | 1.00 | 0.04 | | |
| | | | E401513 | 17.00 | 18.00 | 1.00 | 0.03 | | |

Hole Number: HP14-004

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 36.50 | 199.70 | VMM, MAFIC VOLCANIC MASSIVE Massive fine grained grey green mafic unit. Weak to moderate pervasive magnetism. Weak patchy chlorite and sericite alteration. Chlorite noticed along fracture surfaces. Weak patchy hematite occurring along fracture surfaces. Weak to moderate off-white quartz carbonate stringers/veinlets variable TCA and some of which have experienced dissolution. Feldspar occasionally fills veins. Sericite stringers noticed. Occasional minor syenitic intrusives. Trace sulphides throughout majority, localized clusters/blebs up to ~5% and also occasional vein hosted or fracture controlled sulphides. Amygdule texture of white blebs in pink fine grained sections approximately 98.9-100.2m and again 102-102.8m. Faulting variable TCA from ~116.6-118m. Change in colour to more green possibly from increased alteration towards lower ~4m of unit. Gradual lower contact represented before start of major brecciation occurs. | E401514 | 51.80 | 52.80 | 1.00 | 0.04 | 0.03 | |
| | | | E401516 | 52.80 | 53.75 | 0.95 | 0.18 | | |
| | | | E401517 | 53.75 | 54.80 | 1.05 | 2.88 | | |
| | | | E401518 | 54.80 | 55.80 | 1.00 | 0.13 | | |
| | | | E401519 | 55.80 | 56.80 | 1.00 | 0.12 | | |
| | | | E401520 | 100.80 | 101.80 | 1.00 | 0.05 | | |
| | | | E401521 | 101.80 | 102.80 | 1.00 | 0.11 | | |
| | | | E401522 | 102.80 | 103.50 | 0.70 | 0.35 | | |
| | | | E401523 | 103.50 | 104.20 | 0.70 | 0.63 | | |
| | | | E401524 | 104.20 | 105.20 | 1.00 | 0.37 | | |
| | | | E401526 | 105.20 | 106.20 | 1.00 | 0.42 | 0.43 | |
| | | | E401527 | 106.20 | 106.80 | 0.60 | 1.04 | | |
| | | | E401528 | 106.80 | 107.60 | 0.80 | 0.93 | | |
| | | | E401529 | 107.60 | 108.40 | 0.80 | 1.57 | | |
| | | | E401530 | 108.40 | 109.40 | 1.00 | 0.16 | | |
| | | | E401531 | 109.40 | 110.40 | 1.00 | 0.02 | | |
| 199.70 | 222.40 | VMA, MAFIC VOLCANIC AMYGDALOIDAL Massive fine grained green-grey unit. Weak to moderate pervasive magnetism. Strong brecciation for first ~20cm. Unit experiences more alteration and textures than previous, and is named after its primarily amygdaloidal texture. Amygdoids are mm scale white blebs. Variolitic texture noticed for ~20cm at 205.8m. Minor patchy Syenite intrusives occur. Weak patchy chlorite sericite and hematite. Chlorite vein with quartz and cm scale rectangular carbonate clasts included at ~216.6m. Weak patchy quartz carbonate stringers/veinlets variable TCA. Trace sulphides, local clustered/blebs 1-2%. Shear zone at low angle TCA (~15 degrees) occurring at 211.5m. Lower contact represented at end of ~2m fault zone occurring approximately parallel TCA. MINOR INTERVALS: Minor Interval: 213.00 - 213.80 ISO, SYENITIC INTRUSIVE Pink syenite intrusive with fine grained mm-cm scale darkgreen/black angular blebs. Non-magnetic. Trace sulphides. Weak patchy quartz carbonate stringers. Dark veining running randomly throughout Sharp contacts variable TCA Minor Interval: 215.50 - 216.40 ISO, SYENITIC INTRUSIVE Similar to previously described Minor syenite intrusive. Sharp contacts variable TCA. | | | | | | | |

Hole Number: HP14-004

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 222.40 | 301.30 | VMM, MAFIC VOLCANIC MASSIVE | E401532 | 279.00 | 280.00 | 1.00 | 0.05 | | |
| | | Massive green grey mafic unit. Weak pervasive magnetism. Weak patchy chlorite, sericite and hematite alteration. Weak patchy syentite intrusions. Weak localized sub-angular brecciation, amygdoidal, and variolitic textures. Evidence of continuation of previous fault and flow running ~parallel TCA for ~40cm at 225.2m. | E401533 | 280.00 | 281.00 | 1.00 | 0.57 | | |
| | | Trace sulphides, local clusters/blebs 2-5%. | E401534 | 281.00 | 282.00 | 1.00 | 0.43 | | |
| | | Weak patchy quartz carbonate stringers/veinlets variable TCA. Local brecciation exhibited. | E401536 | 282.00 | 283.00 | 1.00 | 0.37 | | |
| | | In and out areas of increased sulphides- smokey grey fracture system showing possible solification. Strong and pervasive from 301.3-303m. | E401537 | 283.00 | 284.00 | 1.00 | 0.03 | | |
| | | Gradual lower contact | E401538 | 284.00 | 285.00 | 1.00 | 0.31 | | |
| | | MINOR INTERVALS: | E401539 | 285.00 | 286.00 | 1.00 | 0.04 | 0.04 | |
| | | Minor Interval: | E401540 | 286.00 | 287.00 | 1.00 | 0.10 | | |
| | | 225.80 - 226.50 ISO, SYENITIC INTRUSIVE | E401541 | 287.00 | 288.00 | 1.00 | 0.16 | | |
| | | Syenite intrusive similar to previously described. | E401542 | 288.00 | 289.00 | 1.00 | 1.02 | | |
| | | Pink with dark green/black fine blebs. Non magnetic. | E401543 | 289.00 | 290.00 | 1.00 | 0.21 | | |
| | | Trace sulphides, weak patchy quartz carbonate stringers. | E401544 | 290.00 | 291.00 | 1.00 | 0.08 | | |
| | | Sharp contacts variable TCA | E401546 | 291.00 | 292.00 | 1.00 | 0.20 | | |
| | | Minor Interval: | E401547 | 292.00 | 293.00 | 1.00 | 0.03 | | |
| | | 232.40 - 234.50 ISO, SYENITIC INTRUSIVE | E401548 | 293.00 | 294.00 | 1.00 | 0.00 | | |
| | | Syenitic intrusive similar to previously described unit. | E401549 | 294.00 | 295.00 | 1.00 | 0.11 | | |
| | | Greyish pink non magnetic unit with fine grained black blebs and random black stringers. | E401550 | 295.00 | 296.00 | 1.00 | 0.02 | | |
| | | Trace sulphides. | E401551 | 296.00 | 297.00 | 1.00 | 0.27 | 0.26 | |
| | | Sharp contacts variable TCA | E401552 | 297.00 | 298.00 | 1.00 | 2.24 | | |
| | | Minor Interval: | E401553 | 298.00 | 299.00 | 1.00 | 0.02 | | |
| | | 241.90 - 244.50 ISO, SYENITIC INTRUSIVE | E401554 | 299.00 | 300.00 | 1.00 | 0.02 | | |
| | | Syenitic intrusive as previously described. Pink-grey non magnetic unit. | E401556 | 300.00 | 301.00 | 1.00 | 2.15 | | |
| | | Minor Interval: | E401557 | 301.00 | 302.00 | 1.00 | 1.97 | | |
| | | 290.20 - 291.40 ISO, SYENITIC INTRUSIVE | | | | | | | |
| | | Minor Syenite intrusive. As previously described. | | | | | | | |

DETAILED LOG

Hole Number: HP14-004

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 301.30 | 339.30 | VMM, MAFIC VOLCANIC MASSIVE | E401558 | 302.00 | 303.00 | 1.00 | 2.60 | | |
| | | Massive mafic unit showing increased fracturing/alteration, which host increase sulphides. Grey/purple in colour, weak to strong pervasive magnetism. Weak patchy hematite and albite. In-and-out of smokey grey possible solificied fracture system and syenitic intrusives. ~5% sulphides throughout but fractures create hosts for disseminated and clustered sulphides up to ~35/40%. Weak patchy quartz carbonate veinlets and stringers. Local angular brecciation noticed. Fault at low angle TCA from 323-323.8m. Sharp lower contact ~perpendicular TCA. MINOR INTERVALS: Minor Interval: 319.10 - 322.30 ISO, SYENITIC INTRUSIVE Minor syenite intrusive as previously described. Non-magnetic. Green/pink with fine grained dark mm-cm scale angular blebs. Trace sulphides. WEak stringers/veinlets | E401559 | 303.00 | 304.00 | 1.00 | 1.79 | | |
| | | | E401560 | 304.00 | 305.00 | 1.00 | 0.05 | | |
| | | | E401561 | 305.00 | 306.00 | 1.00 | 0.06 | | |
| | | | E401562 | 306.00 | 307.00 | 1.00 | 0.62 | | |
| | | | E401563 | 307.00 | 308.00 | 1.00 | 1.19 | | |
| | | | E401564 | 308.00 | 309.00 | 1.00 | 1.14 | | |
| | | | E401566 | 309.00 | 310.00 | 1.00 | 2.79 | | |
| | | | E401567 | 310.00 | 311.00 | 1.00 | 0.99 | | |
| | | | E401568 | 311.00 | 312.00 | 1.00 | 0.55 | | |
| | | | E401569 | 312.00 | 313.00 | 1.00 | 0.24 | | |
| | | | E401570 | 313.00 | 314.00 | 1.00 | 0.97 | | |
| | | | E401571 | 314.00 | 314.80 | 0.80 | 0.22 | | |
| | | | E401572 | 314.80 | 315.70 | 0.90 | 1.70 | | |
| | | | E401573 | 315.70 | 316.60 | 0.90 | 1.16 | | |
| | | | E401574 | 316.60 | 317.90 | 1.30 | 0.41 | | |
| | | | E401576 | 317.90 | 319.10 | 1.20 | 0.23 | | |
| | | | E401577 | 319.10 | 320.20 | 1.10 | 0.14 | | |
| | | | E401578 | 320.20 | 321.20 | 1.00 | 0.16 | | |
| | | | E401579 | 321.20 | 322.30 | 1.10 | 0.42 | | |
| | | | E401580 | 322.30 | 323.00 | 0.70 | 1.77 | | |
| | | | E401581 | 323.00 | 324.00 | 1.00 | 1.29 | | |
| | | | E401582 | 324.00 | 325.00 | 1.00 | 0.17 | | |
| | | | E401583 | 325.00 | 326.00 | 1.00 | 0.77 | | |
| | | | E401584 | 326.00 | 327.00 | 1.00 | 0.67 | | |
| | | | E401586 | 327.00 | 328.50 | 1.50 | 0.70 | | |
| | | | E401587 | 328.50 | 329.60 | 1.10 | 1.12 | | |
| | | | E401588 | 329.60 | 330.60 | 1.00 | 1.45 | | |
| | | | E401589 | 330.60 | 332.00 | 1.40 | 1.42 | | |
| | | | E401590 | 332.00 | 333.00 | 1.00 | 5.58 | | |
| | | | E401591 | 333.00 | 334.00 | 1.00 | 1.59 | | |
| | | | E401592 | 334.00 | 335.00 | 1.00 | 2.22 | 2.30 | |
| | | | E401593 | 335.00 | 336.00 | 1.00 | 1.39 | | |
| | | E401594 | 336.00 | 337.00 | 1.00 | 1.74 | | | |
| | | E401596 | 337.00 | 338.00 | 1.00 | 1.75 | | | |
| | | E401597 | 338.00 | 339.30 | 1.30 | 1.10 | | | |

DETAILED LOG

Hole Number: HP14-004

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 339.30 | 369.30 | ISO, SYENITIC INTRUSIVE Major syenitic intrusive unit ranging from purple/pink to green/grey in colour. Non-magnetic. 2-5% sulphides throughout, clustered, disseminated or fracture filling. Weak patchy quartz carbonate stringers/veinlets variable TCA. Weak patchy chlorite alteration. Minor heel fault structure from 351.7-352.8m. Sharp lower contact variable TCA. Localized variolitic and brecciation textures. Brecciation sub-angular at cm scale. | E401598 | 339.30 | 340.00 | 0.70 | 0.73 | | |
| | | | E401599 | 340.00 | 341.00 | 1.00 | 0.57 | | |
| | | | E401600 | 341.00 | 342.00 | 1.00 | 2.49 | | |
| | | | E401601 | 342.00 | 343.00 | 1.00 | 1.80 | | |
| | | | E401602 | 343.00 | 344.00 | 1.00 | 0.05 | | |
| | | | E401603 | 344.00 | 345.00 | 1.00 | 0.06 | | |
| | | | E401604 | 345.00 | 346.00 | 1.00 | 0.19 | | |
| | | | E401606 | 346.00 | 347.00 | 1.00 | 0.12 | | |
| | | | E401607 | 347.00 | 348.00 | 1.00 | 0.51 | | |
| | | | E401608 | 348.00 | 349.00 | 1.00 | 0.11 | | |
| | | | E401609 | 349.00 | 350.00 | 1.00 | 0.06 | | |
| | | | E401610 | 350.00 | 351.00 | 1.00 | 0.09 | | |
| | | | E401611 | 351.00 | 352.00 | 1.00 | 0.19 | | |
| | | | E401612 | 352.00 | 353.00 | 1.00 | 0.16 | | |
| | | | E401613 | 353.00 | 354.00 | 1.00 | 0.04 | | |
| | | | E401614 | 354.00 | 355.00 | 1.00 | 0.05 | | |
| | | | E401616 | 355.00 | 356.00 | 1.00 | 0.01 | | |
| | | | E401617 | 356.00 | 357.00 | 1.00 | 0.07 | 0.08 | |
| | | | E401618 | 357.00 | 358.00 | 1.00 | 0.10 | | |
| | | | E401619 | 358.00 | 359.00 | 1.00 | 0.15 | | |
| | | | E401620 | 359.00 | 360.00 | 1.00 | 0.52 | | |
| | | | E401621 | 360.00 | 361.00 | 1.00 | 0.17 | | |
| | | | E401622 | 361.00 | 362.00 | 1.00 | 0.14 | | |
| | | | E401623 | 362.00 | 363.00 | 1.00 | 0.05 | | |
| | | | E401624 | 363.00 | 364.00 | 1.00 | 0.04 | | |
| | | | E401626 | 364.00 | 365.00 | 1.00 | 0.13 | | |
| | | | E401627 | 365.00 | 366.00 | 1.00 | 0.14 | | |
| | | | E401628 | 366.00 | 367.00 | 1.00 | 0.11 | | |
| | | | E401629 | 367.00 | 368.00 | 1.00 | 0.08 | | |
| | | | E401630 | 368.00 | 369.00 | 1.00 | 0.32 | | |
| | | | E401631 | 369.00 | 369.30 | 0.30 | 0.18 | 0.18 | |

Hole Number: HP14-004

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 369.30 | 432.00 | VUO, ULTRAMAFIC VOLCANIC Fine grained dark grey/black ultramafic. Weak patchy magnetism. Weak patchy chlorite alteration. Trace sulphides, 1-2% occur as blebs or clustered around cm scale quartz blebs. Moderate quartz stringers to veins occur throughout and also quartz occurs as cm scale blebs/clasts. Localized amygdoidal and brecciation textures noticed. Brecciation sub-angular at cm scale. Occasional localized gouging. Occasional ultramafic intrusions. Minor lamprophyre carbonate unit from ~411-412 showing slight increase in blebby sulphides. MINOR INTERVALS: Minor Interval: 411.00 - 412.00 BLL, BIOTITIC LAMPROPHYRE ~1m of biotitic lamprophyre unit. Lighter grey with amygdoidal texture. Nonmagnetic Minor Interval: 427.70 - 428.50 IUO, ULTRAMAFIC INTRUSIVE Ultramafic intrusive. Purple grey with variolitic texture. Weak to moderate pervasive magnetism. | E401632 | 369.30 | 370.00 | 0.70 | 0.04 | | |
| | | | E401633 | 370.00 | 371.00 | 1.00 | 0.03 | | |
| | | | E401634 | 371.00 | 372.00 | 1.00 | 0.00 | | |
| | | | E401636 | 372.00 | 373.00 | 1.00 | 0.00 | | |
| | | | E401637 | 373.00 | 374.00 | 1.00 | 0.01 | | |
| | | | E401638 | 374.00 | 375.00 | 1.00 | 0.00 | | |
| | | | E401639 | 375.00 | 376.00 | 1.00 | 0.01 | | |
| | | | E401640 | 376.00 | 377.00 | 1.00 | 0.00 | | |
| | | | E401641 | 377.00 | 378.00 | 1.00 | 0.05 | | |
| | | | E401642 | 378.00 | 379.00 | 1.00 | 0.01 | | |
| | | | E401643 | 379.00 | 380.00 | 1.00 | 0.02 | | |
| | | | E401644 | 380.00 | 381.00 | 1.00 | 0.02 | | |
| | | | E401646 | 381.00 | 382.00 | 1.00 | 0.01 | | |
| | | | E401647 | 382.00 | 383.00 | 1.00 | 0.01 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401501 | 6.00 | 7.00 | 0.0060 | | |
| E401502 | 7.00 | 8.00 | 0.0880 | | |
| E401503 | 8.00 | 9.00 | 0.0330 | | |
| E401504 | 9.00 | 10.00 | 0.5440 | | |
| E401506 | 10.00 | 11.00 | 0.1620 | | |
| E401507 | 11.00 | 12.00 | 0.1720 | | |
| E401508 | 12.00 | 13.00 | 1.1000 | | |
| E401509 | 13.00 | 14.00 | 1.0300 | | |
| E401510 | 14.00 | 15.00 | 0.0160 | | |
| E401511 | 15.00 | 16.00 | 0.1490 | | |
| E401512 | 16.00 | 17.00 | 0.0380 | | |
| E401513 | 17.00 | 18.00 | 0.0270 | | |
| E401514 | 51.80 | 52.80 | 0.0390 | 0.0330 | |
| E401516 | 52.80 | 53.75 | 0.1830 | | |
| E401517 | 53.75 | 54.80 | 2.8800 | | |
| E401518 | 54.80 | 55.80 | 0.1250 | | |
| E401519 | 55.80 | 56.80 | 0.1150 | | |
| E401520 | 100.80 | 101.80 | 0.0510 | | |
| E401521 | 101.80 | 102.80 | 0.1120 | | |
| E401522 | 102.80 | 103.50 | 0.3450 | | |
| E401523 | 103.50 | 104.20 | 0.6340 | | |

Hole Number: HP14-004

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401524 | 104.20 | 105.20 | 0.3660 | | |
| E401526 | 105.20 | 106.20 | 0.4160 | 0.4300 | |
| E401527 | 106.20 | 106.80 | 1.0400 | | |
| E401528 | 106.80 | 107.60 | 0.9340 | | |
| E401529 | 107.60 | 108.40 | 1.5700 | | |
| E401530 | 108.40 | 109.40 | 0.1580 | | |
| E401531 | 109.40 | 110.40 | 0.0150 | | |
| E401532 | 279.00 | 280.00 | 0.0540 | | |
| E401533 | 280.00 | 281.00 | 0.5650 | | |
| E401534 | 281.00 | 282.00 | 0.4270 | | |
| E401536 | 282.00 | 283.00 | 0.3730 | | |
| E401537 | 283.00 | 284.00 | 0.0300 | | |
| E401538 | 284.00 | 285.00 | 0.3110 | | |
| E401539 | 285.00 | 286.00 | 0.0370 | 0.0410 | |
| E401540 | 286.00 | 287.00 | 0.0950 | | |
| E401541 | 287.00 | 288.00 | 0.1610 | | |
| E401542 | 288.00 | 289.00 | 1.0200 | | |
| E401543 | 289.00 | 290.00 | 0.2080 | | |
| E401544 | 290.00 | 291.00 | 0.0750 | | |
| E401546 | 291.00 | 292.00 | 0.1950 | | |
| E401547 | 292.00 | 293.00 | 0.0260 | | |
| E401548 | 293.00 | 294.00 | 0.0030 | | |
| E401549 | 294.00 | 295.00 | 0.1090 | | |
| E401550 | 295.00 | 296.00 | 0.0150 | | |
| E401551 | 296.00 | 297.00 | 0.2680 | 0.2640 | |
| E401552 | 297.00 | 298.00 | 2.2400 | | |
| E401553 | 298.00 | 299.00 | 0.0180 | | |
| E401554 | 299.00 | 300.00 | 0.0180 | | |
| E401556 | 300.00 | 301.00 | 2.1500 | | |
| E401557 | 301.00 | 302.00 | 1.9700 | | |
| E401558 | 302.00 | 303.00 | 2.6000 | | |
| E401559 | 303.00 | 304.00 | 1.7900 | | |
| E401560 | 304.00 | 305.00 | 0.0530 | | |
| E401561 | 305.00 | 306.00 | 0.0630 | | |
| E401562 | 306.00 | 307.00 | 0.6220 | | |
| E401563 | 307.00 | 308.00 | 1.1900 | | |
| E401564 | 308.00 | 309.00 | 1.1400 | | |
| E401566 | 309.00 | 310.00 | 2.7900 | | |
| E401567 | 310.00 | 311.00 | 0.9900 | | |

Hole Number: HP14-004

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401568 | 311.00 | 312.00 | 0.5510 | | |
| E401569 | 312.00 | 313.00 | 0.2360 | | |
| E401570 | 313.00 | 314.00 | 0.9730 | | |
| E401571 | 314.00 | 314.80 | 0.2210 | | |
| E401572 | 314.80 | 315.70 | 1.7000 | | |
| E401573 | 315.70 | 316.60 | 1.1600 | | |
| E401574 | 316.60 | 317.90 | 0.4080 | | |
| E401576 | 317.90 | 319.10 | 0.2300 | | |
| E401577 | 319.10 | 320.20 | 0.1400 | | |
| E401578 | 320.20 | 321.20 | 0.1560 | | |
| E401579 | 321.20 | 322.30 | 0.4200 | | |
| E401580 | 322.30 | 323.00 | 1.7700 | | |
| E401581 | 323.00 | 324.00 | 1.2900 | | |
| E401582 | 324.00 | 325.00 | 0.1690 | | |
| E401583 | 325.00 | 326.00 | 0.7730 | | |
| E401584 | 326.00 | 327.00 | 0.6730 | | |
| E401586 | 327.00 | 328.50 | 0.7010 | | |
| E401587 | 328.50 | 329.60 | 1.1200 | | |
| E401588 | 329.60 | 330.60 | 1.4500 | | |
| E401589 | 330.60 | 332.00 | 1.4200 | | |
| E401590 | 332.00 | 333.00 | 5.5800 | | |
| E401591 | 333.00 | 334.00 | 1.5900 | | |
| E401592 | 334.00 | 335.00 | 2.2200 | 2.3000 | |
| E401593 | 335.00 | 336.00 | 1.3900 | | |
| E401594 | 336.00 | 337.00 | 1.7400 | | |
| E401596 | 337.00 | 338.00 | 1.7500 | | |
| E401597 | 338.00 | 339.30 | 1.1000 | | |
| E401598 | 339.30 | 340.00 | 0.7260 | | |
| E401599 | 340.00 | 341.00 | 0.5670 | | |
| E401600 | 341.00 | 342.00 | 2.4900 | | |
| E401601 | 342.00 | 343.00 | 1.8000 | | |
| E401602 | 343.00 | 344.00 | 0.0470 | | |
| E401603 | 344.00 | 345.00 | 0.0620 | | |
| E401604 | 345.00 | 346.00 | 0.1940 | | |
| E401606 | 346.00 | 347.00 | 0.1170 | | |
| E401607 | 347.00 | 348.00 | 0.5110 | | |
| E401608 | 348.00 | 349.00 | 0.1090 | | |
| E401609 | 349.00 | 350.00 | 0.0560 | | |
| E401610 | 350.00 | 351.00 | 0.0890 | | |

Hole Number: HP14-004

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401611 | 351.00 | 352.00 | 0.1850 | | |
| E401612 | 352.00 | 353.00 | 0.1600 | | |
| E401613 | 353.00 | 354.00 | 0.0430 | | |
| E401614 | 354.00 | 355.00 | 0.0530 | | |
| E401616 | 355.00 | 356.00 | 0.0110 | | |
| E401617 | 356.00 | 357.00 | 0.0710 | 0.0830 | |
| E401618 | 357.00 | 358.00 | 0.1030 | | |
| E401619 | 358.00 | 359.00 | 0.1500 | | |
| E401620 | 359.00 | 360.00 | 0.5170 | | |
| E401621 | 360.00 | 361.00 | 0.1720 | | |
| E401622 | 361.00 | 362.00 | 0.1400 | | |
| E401623 | 362.00 | 363.00 | 0.0480 | | |
| E401624 | 363.00 | 364.00 | 0.0410 | | |
| E401626 | 364.00 | 365.00 | 0.1320 | | |
| E401627 | 365.00 | 366.00 | 0.1350 | | |
| E401628 | 366.00 | 367.00 | 0.1070 | | |
| E401629 | 367.00 | 368.00 | 0.0810 | | |
| E401630 | 368.00 | 369.00 | 0.3230 | | |
| E401631 | 369.00 | 369.30 | 0.1760 | 0.1750 | |
| E401632 | 369.30 | 370.00 | 0.0380 | | |
| E401633 | 370.00 | 371.00 | 0.0300 | | |
| E401634 | 371.00 | 372.00 | 0.0030 | | |
| E401636 | 372.00 | 373.00 | 0.0030 | | |
| E401637 | 373.00 | 374.00 | 0.0090 | | |
| E401638 | 374.00 | 375.00 | 0.0040 | | |
| E401639 | 375.00 | 376.00 | 0.0060 | | |
| E401640 | 376.00 | 377.00 | 0.0040 | | |
| E401641 | 377.00 | 378.00 | 0.0530 | | |
| E401642 | 378.00 | 379.00 | 0.0060 | | |
| E401643 | 379.00 | 380.00 | 0.0190 | | |
| E401644 | 380.00 | 381.00 | 0.0160 | | |
| E401646 | 381.00 | 382.00 | 0.0110 | | |
| E401647 | 382.00 | 383.00 | 0.0120 | | |

| | |
|-----|--------|
| | 0 |
| HPO | 6.20 |
| VMM | 152.70 |
| ISO | 179.60 |
| VMV | 324.40 |
| ISO | 375.50 |
| VUO | 396.00 |

Hole No: HP14-005 Hole Type: Explor Hole Size: NQ
 Location: Hislop Township Core Storage: Exploration
 Casing: YES Claim No: L24686/L23130
 Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 396.00

Azimuth Dec: 212.00 Dip Dec: -68.00

Collar Survey: Pulse Em Survey: Multi Shot Survey:
 Making Water: Is Hole Plugged: Is Cemented:

Contractor: Garant

Start Date: Jul 12, 2014 Completed: Jul 16, 2014

Logged By: ssanderson

Entered On: Jul 12, 2014

Comments:

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371869.900000 | 552344.000000 | 301.1000 | UTM: | | | | |

Amanda McDonald

DETAILED LOG

Hole Number: HP14-005

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -68.00 |
| Project Number: HISLOP | North: 5371869.90 | North: | Collar Az: 212.00 |
| Location: Hislop Township | East: 552344.00 | East: | Length: 396.00 |
| | Elev: 301.10 | Elev: | Start Depth: 0.00 |
| Date Started: Jul 12, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Jul 16, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 396.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|--------------------|--------|--------------------|----------------|--------------|------|--------------------|
| 0.00 | 212.00 | -68.00 | EZ Sho | OK | Planned Collar | 27.00 | 112.80 | -67.40 | EZ Sho | DO | Dip only - Mag low |
| 33.00 | 213.70 | -66.80 | EZ Sho | OK | | 51.00 | 222.20 | -67.20 | EZ Sho | DO | Dip only - Mag low |
| 99.00 | 204.30 | -66.50 | EZ Sho | DO | Dip only - Mag low | 150.00 | 214.80 | -66.50 | EZ Sho | OK | |
| 201.00 | 217.80 | -66.40 | EZ Sho | OK | | 252.00 | 221.60 | -66.50 | EZ Sho | OK | |
| 300.00 | 222.50 | -66.40 | EZ Sho | OK | | 351.00 | 221.60 | -65.50 | EZ Sho | OK | |
| 396.00 | 224.30 | -65.40 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|------|---|---------------|------|----|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 6.20 | HPO, OVERBURDEN OVERBURDEN - 6m of casing used. | | | | | | | |

Hole Number: HP14-005

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 6.20 | 152.70 | VMM, MAFIC VOLCANIC MASSIVE | E401829 | 24.00 | 25.00 | 1.00 | 1.08 | | |
| | | Fine grained green-grey (unless altered) massive mafic unit. Patches of moderate to strong pervasive magnetism. Moderate patchy hematite alteration, also seen on fracture surfaces. Weak patchy albite and sericite, and weak fracture filling chlorite. Leucoxene noticed. Occasional rusting on fracture surfaces. Occasional minor syenite intrusives or dykelets. Patchy or patches of pervasive fracture systems hosting increased sulphides. Low percentages sulphides throughout, but areas of localized increases such as clusters, blebs, vein controlled with the largest increases in smokey grey fracture systems . Weak to moderate quartz/quartz carbonate stringers-veinlets throughout with localized massive veining. mm-cm scale sub angular localized brecciation. | E401830 | 25.00 | 26.00 | 1.00 | 0.43 | | |
| | | In and out of smokey grey fracture system from 26-42m and again 73.7-81, showing a large increase in sulphides | E401831 | 26.00 | 27.00 | 1.00 | 1.37 | | |
| | | MINOR INTERVALS: | E401832 | 27.00 | 28.00 | 1.00 | 1.83 | | |
| | | Minor Interval: | E401833 | 28.00 | 29.00 | 1.00 | 3.35 | | |
| | | 44.40 - 44.80 ISO, SYENITIC INTRUSIVE | E401834 | 29.00 | 30.00 | 1.00 | 1.61 | | |
| | | ~40cm Syenitic intrusive. Pink/green in colour with fine light coloured blebs. nonmagnetic. 1-2% sulphides. Weak quartz carb stringers/veinlets. Sharp contacts on either side along fractures. | E401836 | 30.00 | 31.00 | 1.00 | 0.03 | | |
| | | | E401837 | 31.00 | 32.00 | 1.00 | 0.47 | | |
| | | | E401838 | 32.00 | 33.00 | 1.00 | 0.06 | | |
| | | | E401839 | 33.00 | 34.00 | 1.00 | 0.18 | | |
| | | | E401840 | 34.00 | 35.00 | 1.00 | 0.40 | | |
| | | | E401841 | 35.00 | 36.00 | 1.00 | 0.03 | | |
| | | | E401842 | 36.00 | 37.00 | 1.00 | 0.04 | 0.03 | |
| | | | E401843 | 37.00 | 38.00 | 1.00 | 0.05 | | |
| | | | E401844 | 38.00 | 39.00 | 1.00 | 0.04 | | |
| | | | E401846 | 39.00 | 40.00 | 1.00 | 0.05 | | |
| | | | E401847 | 40.00 | 41.00 | 1.00 | 0.01 | | |
| | | | E401848 | 41.00 | 42.00 | 1.00 | 0.05 | | |
| | | | E401849 | 42.00 | 43.00 | 1.00 | 0.03 | | |
| | | | E401850 | 43.00 | 44.00 | 1.00 | 0.01 | | |
| | | | E401851 | 72.00 | 72.70 | 0.70 | 0.22 | | |
| | | | E401852 | 72.70 | 73.70 | 1.00 | 0.54 | | |
| | | | E401853 | 73.70 | 75.00 | 1.30 | 1.50 | | |
| | | | E401854 | 75.00 | 76.00 | 1.00 | 0.67 | 0.69 | |
| | | | E401856 | 76.00 | 77.00 | 1.00 | 0.02 | | |
| | | | E401857 | 77.00 | 78.00 | 1.00 | 0.05 | | |
| | | | E401858 | 78.00 | 79.00 | 1.00 | 0.01 | | |
| | | | E401859 | 79.00 | 80.00 | 1.00 | 0.14 | | |
| | | | E401860 | 80.00 | 81.00 | 1.00 | 1.08 | | |
| | | | E401861 | 81.00 | 82.00 | 1.00 | 0.15 | | |
| | | | E401862 | 82.00 | 83.00 | 1.00 | 0.02 | | |
| | | | E401863 | 83.00 | 84.00 | 1.00 | 0.01 | | |
| | | | E401864 | 84.00 | 85.00 | 1.00 | 0.01 | | |
| | | | E401866 | 85.00 | 86.00 | 1.00 | 0.01 | | |
| | | | E401867 | 86.00 | 87.00 | 1.00 | 0.00 | 0.00 | |
| | | | E401868 | 87.00 | 88.00 | 1.00 | 0.02 | | |
| | | | E401869 | 88.00 | 89.00 | 1.00 | 0.01 | | |
| | | | E401870 | 89.00 | 90.00 | 1.00 | 0.02 | | |
| | | | E401871 | 90.00 | 91.00 | 1.00 | 0.01 | | |
| | | | E401872 | 91.00 | 91.70 | 0.70 | 1.21 | | |
| | | | E401873 | 91.70 | 92.50 | 0.80 | 0.11 | | |
| | | | E401874 | 92.50 | 93.50 | 1.00 | 0.31 | | |
| | | | E401876 | 93.50 | 94.70 | 1.20 | 0.40 | | |

DETAILED LOG

Hole Number: HP14-005

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|----|------------|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| | | | E401877 | 94.70 | 96.10 | 1.40 | 0.15 | | |
| | | | E401878 | 96.10 | 97.60 | 1.50 | 0.06 | | |
| | | | E401879 | 97.60 | 99.00 | 1.40 | 0.01 | 0.02 | |
| | | | E401880 | 99.00 | 100.50 | 1.50 | 0.01 | | |
| | | | E401881 | 100.50 | 102.00 | 1.50 | 0.01 | | |
| | | | E401882 | 102.00 | 103.50 | 1.50 | 0.01 | | |
| | | | E401883 | 103.50 | 104.70 | 1.20 | 0.00 | | |
| | | | E401884 | 104.70 | 105.50 | 0.80 | 0.11 | | |
| | | | E401886 | 105.50 | 106.30 | 0.80 | 0.02 | | |
| | | | E401887 | 106.30 | 107.00 | 0.70 | 0.07 | | |
| | | | E401888 | 107.00 | 108.50 | 1.50 | 0.11 | | |
| | | | E401889 | 108.50 | 110.00 | 1.50 | 0.08 | | |
| | | | E401890 | 110.00 | 111.40 | 1.40 | 0.17 | | |
| | | | E401891 | 111.40 | 112.90 | 1.50 | 0.04 | | |
| | | | E401892 | 112.90 | 114.00 | 1.10 | 0.83 | 1.04 | |
| | | | E401893 | 114.00 | 115.50 | 1.50 | 0.18 | | |
| | | | E401894 | 115.50 | 117.00 | 1.50 | 0.01 | | |
| | | | E401896 | 117.00 | 118.00 | 1.00 | 0.81 | | |
| | | | E401897 | 118.00 | 119.10 | 1.10 | 0.01 | | |
| | | | E401898 | 119.10 | 120.30 | 1.20 | 0.14 | | |
| | | | E401899 | 120.30 | 120.80 | 0.50 | 0.25 | | |
| | | | E401900 | 120.80 | 121.50 | 0.70 | 0.05 | | |
| | | | E401901 | 121.50 | 123.00 | 1.50 | 0.07 | | |
| | | | E401902 | 123.00 | 124.10 | 1.10 | 0.12 | | |
| | | | E401903 | 124.10 | 125.60 | 1.50 | 0.28 | | |
| | | | E401904 | 125.60 | 126.10 | 0.50 | 1.54 | | |
| | | | E401906 | 126.10 | 126.70 | 0.60 | 1.01 | | |
| | | | E401907 | 126.70 | 127.40 | 0.70 | 1.55 | | |
| | | | E401908 | 127.40 | 128.10 | 0.70 | 1.70 | | |
| | | | E401909 | 128.10 | 128.80 | 0.70 | 1.57 | | |
| | | | E401910 | 128.80 | 129.80 | 1.00 | 0.30 | | |
| | | | E401911 | 129.80 | 130.40 | 0.60 | 0.21 | | |
| | | | E401912 | 130.40 | 131.00 | 0.60 | 0.56 | | |
| | | | E401913 | 131.00 | 132.00 | 1.00 | 0.01 | | |
| | | | E401914 | 132.00 | 133.50 | 1.50 | 0.06 | | |
| | | | E401916 | 133.50 | 135.00 | 1.50 | 0.03 | | |
| | | | E401917 | 135.00 | 136.50 | 1.50 | 0.24 | | |
| | | | E401918 | 136.50 | 138.00 | 1.50 | 0.08 | | |
| | | | E401919 | 138.00 | 139.50 | 1.50 | 0.14 | | |
| | | | E401920 | 139.50 | 141.00 | 1.50 | 0.04 | | |
| | | | E401921 | 141.00 | 141.70 | 0.70 | 0.02 | | |

Hole Number: HP14-005

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 152.70 | 179.60 | ISO, SYENITIC INTRUSIVE Syenitic intrusive unit. Pink-grey. Weak patchy magnetism. Possibly magnetite or hornblende. Hornblende as fine to medium dark blebs. Fine to coarse grained unit. Grey/Pink and dark grains. Trace sulphides locally 1-2. Weak QZ/CAR stringer/veinlets. Much shorter syenite unit than what was expected. Lower contact indicated at brecciation. | E401922 | 175.80 | 177.00 | 1.20 | 0.77 | | |
| | | | E401923 | 177.00 | 178.50 | 1.50 | 0.40 | | |
| | | | E401924 | 178.50 | 179.00 | 0.50 | 0.19 | | |
| | | | E401926 | 179.00 | 179.60 | 0.60 | 0.05 | | |

DETAILED LOG

Hole Number: HP14-005

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 179.60 | 324.40 | VMV, MAFIC VOLCANIC VARIOLITIC Mafic variolitic unit. Brecciation for first 20cm. In and out of syenitic unit until 189m. Circular mm-cm scale varioles throughout majority of unit. Green-Grey to purple-grey to pink in colour. Moderate pervasive magnetism. Localized brecciation present. Trace or low% fine grained sulphides throughout with localized interval increases. Moderate veinlets to veins, showing occasional brecciation. Weak to moderate hematite and sericite alteration, possible albite and leucoxene alteration and fracture filling chlorite present. Occasional bleaching. | E401927 | 179.60 | 180.60 | 1.00 | 0.09 | | |
| | | | E401928 | 180.60 | 181.70 | 1.10 | 0.02 | | |
| | | | E401929 | 181.70 | 183.00 | 1.30 | 1.95 | | |
| | | | E401930 | 183.00 | 184.00 | 1.00 | 0.78 | | |
| | | | E401931 | 184.00 | 185.00 | 1.00 | 0.57 | | |
| | | | E401932 | 185.00 | 186.00 | 1.00 | 0.67 | | |
| | | | E401933 | 186.00 | 186.80 | 0.80 | 0.60 | | |
| | | | E401934 | 186.80 | 187.80 | 1.00 | 0.33 | 0.36 | |
| | | | E401936 | 187.80 | 188.60 | 0.80 | 0.33 | | |
| | | | E401937 | 188.60 | 189.20 | 0.60 | 1.09 | | |
| | | | E401938 | 189.20 | 190.20 | 1.00 | 0.60 | | |
| | | | E401939 | 190.20 | 191.20 | 1.00 | 0.04 | | |
| | | | E401940 | 191.20 | 192.00 | 0.80 | 0.07 | | |
| | | | E401941 | 192.00 | 193.30 | 1.30 | 1.07 | | |
| | | | E401942 | 193.30 | 194.30 | 1.00 | 0.79 | | |
| | | | E401943 | 194.30 | 195.80 | 1.50 | 0.97 | | |
| | | | E401944 | 195.80 | 197.10 | 1.30 | 0.97 | | |
| | | | E401946 | 197.10 | 198.20 | 1.10 | 0.28 | | |
| | | | E401947 | 198.20 | 199.50 | 1.30 | 0.11 | 0.11 | |
| | | | E401948 | 199.50 | 200.60 | 1.10 | 0.16 | | |
| | | | E401949 | 200.60 | 201.20 | 0.60 | 0.05 | | |
| | | | E401950 | 201.20 | 201.90 | 0.70 | 0.33 | | |
| | | | E401951 | 201.90 | 203.30 | 1.40 | 1.60 | | |
| | | | E401952 | 203.30 | 204.30 | 1.00 | 0.06 | | |
| | | | E401953 | 204.30 | 205.10 | 0.80 | 0.06 | | |
| | | | E401954 | 205.10 | 206.10 | 1.00 | 0.06 | | |
| | | | E401956 | 206.10 | 207.00 | 0.90 | 0.04 | | |
| | | | E401957 | 207.00 | 207.50 | 0.50 | 0.12 | | |
| | | | E401958 | 207.50 | 208.00 | 0.50 | 1.72 | | |
| | | | E401959 | 208.00 | 209.00 | 1.00 | 0.81 | | |
| | | | E401960 | 209.00 | 209.80 | 0.80 | 0.08 | | |
| | | | E401961 | 209.80 | 210.30 | 0.50 | 0.03 | 0.03 | |
| | | | E401962 | 313.00 | 314.00 | 1.00 | 0.01 | | |
| | | | E401963 | 314.00 | 315.00 | 1.00 | 0.01 | | |
| | | | E401964 | 315.00 | 315.60 | 0.60 | 0.02 | | |
| | | | E401966 | 315.60 | 317.00 | 1.40 | 0.01 | | |
| | | | E401967 | 317.00 | 318.00 | 1.00 | 0.04 | | |
| | | | E401968 | 318.00 | 318.90 | 0.90 | 0.01 | | |
| | | | E401969 | 318.90 | 319.80 | 0.90 | 0.01 | | |
| | | | E401970 | 319.80 | 321.00 | 1.20 | 0.01 | | |
| | | | E401971 | 321.00 | 322.40 | 1.40 | 0.01 | | |
| | | | E401972 | 322.40 | 323.40 | 1.00 | 0.01 | 0.01 | |
| | | | E401973 | 323.40 | 324.40 | 1.00 | 0.00 | | |

Hole Number: HP14-005

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 324.40 | 375.50 | ISO, SYENITIC INTRUSIVE Syenitic intrusive unit. Pink or green in colour with darker grey/black patches and blebs throughout. Weak patchy magnetism. Trace sulphides, locally 1-2%. Weak stringers/veinlets. A few veins, some of which exhibit brecciation. Gradual lower contact. | E401974 | 324.40 | 324.90 | 0.50 | 0.03 | | |
| | | | E401976 | 324.90 | 326.00 | 1.10 | 0.02 | 0.02 | |
| | | | E401977 | 326.00 | 327.00 | 1.00 | 0.05 | | |
| | | | E401978 | 327.00 | 328.50 | 1.50 | 0.08 | | |
| | | | E401979 | 328.50 | 330.00 | 1.50 | 0.05 | | |
| 375.50 | 396.00 | VUO, ULTRAMAFIC VOLCANIC Dark grey/black soft ultramafic unit. Weak patchy magnetism. Weak patchy chlorite. Moderate to strong frequency of QZ/CAR stringers to veinlets, offwhite-grey in colour. trace sulphides thoroughout, localized up to 1-2%. Localized brecciation occurrences. Occasional localized gouging and heavy fracturing. | | | | | | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401829 | 24.00 | 25.00 | 1.0800 | | |
| E401830 | 25.00 | 26.00 | 0.4290 | | |
| E401831 | 26.00 | 27.00 | 1.3700 | | |
| E401832 | 27.00 | 28.00 | 1.8300 | | |
| E401833 | 28.00 | 29.00 | 3.3500 | | |
| E401834 | 29.00 | 30.00 | 1.6100 | | |
| E401836 | 30.00 | 31.00 | 0.0320 | | |
| E401837 | 31.00 | 32.00 | 0.4720 | | |
| E401838 | 32.00 | 33.00 | 0.0560 | | |
| E401839 | 33.00 | 34.00 | 0.1840 | | |
| E401840 | 34.00 | 35.00 | 0.4000 | | |
| E401841 | 35.00 | 36.00 | 0.0340 | | |
| E401842 | 36.00 | 37.00 | 0.0350 | 0.0330 | |
| E401843 | 37.00 | 38.00 | 0.0540 | | |
| E401844 | 38.00 | 39.00 | 0.0410 | | |
| E401846 | 39.00 | 40.00 | 0.0450 | | |
| E401847 | 40.00 | 41.00 | 0.0130 | | |
| E401848 | 41.00 | 42.00 | 0.0500 | | |
| E401849 | 42.00 | 43.00 | 0.0310 | | |
| E401850 | 43.00 | 44.00 | 0.0070 | | |
| E401851 | 72.00 | 72.70 | 0.2240 | | |
| E401852 | 72.70 | 73.70 | 0.5430 | | |
| E401853 | 73.70 | 75.00 | 1.5000 | | |
| E401854 | 75.00 | 76.00 | 0.6740 | 0.6890 | |
| E401856 | 76.00 | 77.00 | 0.0200 | | |
| E401857 | 77.00 | 78.00 | 0.0520 | | |

Hole Number: HP14-005

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401858 | 78.00 | 79.00 | 0.0110 | | |
| E401859 | 79.00 | 80.00 | 0.1360 | | |
| E401860 | 80.00 | 81.00 | 1.0800 | | |
| E401861 | 81.00 | 82.00 | 0.1480 | | |
| E401862 | 82.00 | 83.00 | 0.0200 | | |
| E401863 | 83.00 | 84.00 | 0.0070 | | |
| E401864 | 84.00 | 85.00 | 0.0090 | | |
| E401866 | 85.00 | 86.00 | 0.0060 | | |
| E401867 | 86.00 | 87.00 | 0.0020 | 0.0020 | |
| E401868 | 87.00 | 88.00 | 0.0190 | | |
| E401869 | 88.00 | 89.00 | 0.0120 | | |
| E401870 | 89.00 | 90.00 | 0.0240 | | |
| E401871 | 90.00 | 91.00 | 0.0050 | | |
| E401872 | 91.00 | 91.70 | 1.2100 | | |
| E401873 | 91.70 | 92.50 | 0.1100 | | |
| E401874 | 92.50 | 93.50 | 0.3050 | | |
| E401876 | 93.50 | 94.70 | 0.3970 | | |
| E401877 | 94.70 | 96.10 | 0.1530 | | |
| E401878 | 96.10 | 97.60 | 0.0620 | | |
| E401879 | 97.60 | 99.00 | 0.0140 | 0.0150 | |
| E401880 | 99.00 | 100.50 | 0.0120 | | |
| E401881 | 100.50 | 102.00 | 0.0080 | | |
| E401882 | 102.00 | 103.50 | 0.0120 | | |
| E401883 | 103.50 | 104.70 | 0.0040 | | |
| E401884 | 104.70 | 105.50 | 0.1070 | | |
| E401886 | 105.50 | 106.30 | 0.0200 | | |
| E401887 | 106.30 | 107.00 | 0.0660 | | |
| E401888 | 107.00 | 108.50 | 0.1080 | | |
| E401889 | 108.50 | 110.00 | 0.0820 | | |
| E401890 | 110.00 | 111.40 | 0.1710 | | |
| E401891 | 111.40 | 112.90 | 0.0440 | | |
| E401892 | 112.90 | 114.00 | 0.8330 | 1.0400 | |
| E401893 | 114.00 | 115.50 | 0.1770 | | |
| E401894 | 115.50 | 117.00 | 0.0050 | | |
| E401896 | 117.00 | 118.00 | 0.8060 | | |
| E401897 | 118.00 | 119.10 | 0.0110 | | |
| E401898 | 119.10 | 120.30 | 0.1420 | | |
| E401899 | 120.30 | 120.80 | 0.2490 | | |
| E401900 | 120.80 | 121.50 | 0.0510 | | |

Hole Number: HP14-005

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401901 | 121.50 | 123.00 | 0.0680 | | |
| E401902 | 123.00 | 124.10 | 0.1220 | | |
| E401903 | 124.10 | 125.60 | 0.2830 | | |
| E401904 | 125.60 | 126.10 | 1.5400 | | |
| E401906 | 126.10 | 126.70 | 1.0100 | | |
| E401907 | 126.70 | 127.40 | 1.5500 | | |
| E401908 | 127.40 | 128.10 | 1.7000 | | |
| E401909 | 128.10 | 128.80 | 1.5700 | | |
| E401910 | 128.80 | 129.80 | 0.3020 | | |
| E401911 | 129.80 | 130.40 | 0.2140 | | |
| E401912 | 130.40 | 131.00 | 0.5550 | | |
| E401913 | 131.00 | 132.00 | 0.0080 | | |
| E401914 | 132.00 | 133.50 | 0.0560 | | |
| E401916 | 133.50 | 135.00 | 0.0260 | | |
| E401917 | 135.00 | 136.50 | 0.2430 | | |
| E401918 | 136.50 | 138.00 | 0.0820 | | |
| E401919 | 138.00 | 139.50 | 0.1360 | | |
| E401920 | 139.50 | 141.00 | 0.0380 | | |
| E401921 | 141.00 | 141.70 | 0.0190 | | |
| E401922 | 175.80 | 177.00 | 0.7700 | | |
| E401923 | 177.00 | 178.50 | 0.4000 | | |
| E401924 | 178.50 | 179.00 | 0.1900 | | |
| E401926 | 179.00 | 179.60 | 0.0500 | | |
| E401927 | 179.60 | 180.60 | 0.0900 | | |
| E401928 | 180.60 | 181.70 | 0.0200 | | |
| E401929 | 181.70 | 183.00 | 1.9500 | | |
| E401930 | 183.00 | 184.00 | 0.7800 | | |
| E401931 | 184.00 | 185.00 | 0.5700 | | |
| E401932 | 185.00 | 186.00 | 0.6700 | | |
| E401933 | 186.00 | 186.80 | 0.6000 | | |
| E401934 | 186.80 | 187.80 | 0.3300 | 0.3550 | |
| E401936 | 187.80 | 188.60 | 0.3300 | | |
| E401937 | 188.60 | 189.20 | 1.0900 | | |
| E401938 | 189.20 | 190.20 | 0.6000 | | |
| E401939 | 190.20 | 191.20 | 0.0400 | | |
| E401940 | 191.20 | 192.00 | 0.0700 | | |
| E401941 | 192.00 | 193.30 | 1.0700 | | |
| E401942 | 193.30 | 194.30 | 0.7900 | | |
| E401943 | 194.30 | 195.80 | 0.9700 | | |

Hole Number: HP14-005

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E401944 | 195.80 | 197.10 | 0.9700 | | |
| E401946 | 197.10 | 198.20 | 0.2800 | | |
| E401947 | 198.20 | 199.50 | 0.1100 | 0.1110 | |
| E401948 | 199.50 | 200.60 | 0.1600 | | |
| E401949 | 200.60 | 201.20 | 0.0500 | | |
| E401950 | 201.20 | 201.90 | 0.3300 | | |
| E401951 | 201.90 | 203.30 | 1.6000 | | |
| E401952 | 203.30 | 204.30 | 0.0600 | | |
| E401953 | 204.30 | 205.10 | 0.0600 | | |
| E401954 | 205.10 | 206.10 | 0.0600 | | |
| E401956 | 206.10 | 207.00 | 0.0400 | | |
| E401957 | 207.00 | 207.50 | 0.1200 | | |
| E401958 | 207.50 | 208.00 | 1.7200 | | |
| E401959 | 208.00 | 209.00 | 0.8100 | | |
| E401960 | 209.00 | 209.80 | 0.0800 | | |
| E401961 | 209.80 | 210.30 | 0.0300 | 0.0330 | |
| E401962 | 313.00 | 314.00 | 0.0100 | | |
| E401963 | 314.00 | 315.00 | 0.0100 | | |
| E401964 | 315.00 | 315.60 | 0.0200 | | |
| E401966 | 315.60 | 317.00 | 0.0100 | | |
| E401967 | 317.00 | 318.00 | 0.0400 | | |
| E401968 | 318.00 | 318.90 | 0.0100 | | |
| E401969 | 318.90 | 319.80 | 0.0100 | | |
| E401970 | 319.80 | 321.00 | 0.0100 | | |
| E401971 | 321.00 | 322.40 | 0.0100 | | |
| E401972 | 322.40 | 323.40 | 0.0100 | 0.0060 | |
| E401973 | 323.40 | 324.40 | 0.0000 | | |
| E401974 | 324.40 | 324.90 | 0.0300 | | |
| E401976 | 324.90 | 326.00 | 0.0200 | 0.0160 | |
| E401977 | 326.00 | 327.00 | 0.0500 | | |
| E401978 | 327.00 | 328.50 | 0.0800 | | |
| E401979 | 328.50 | 330.00 | 0.0500 | | |

| | |
|-----|--------|
| | 0 |
| HPO | 6.00 |
| VMV | 12.40 |
| VMM | 205.30 |
| ISO | 208.70 |
| VMM | 219.30 |
| VGO | 278.90 |
| IP2 | 362.80 |
| ACG | 380.80 |
| VUO | 426.00 |
| VUX | 439.90 |
| IMO | 444.20 |
| VUO | 453.00 |

| | | | | | |
|---------------------------|--|---------------------------|--|---|--|
| Hole No: HP14-006 | | Hole Type: Explor | | Hole Size: NQ | |
| Location: Hislop Township | | Core Storage: Exploration | | | |
| Casing: YES | | Claim No: L26959/L24686 | | | |
| Unit of Degree: DECIMAL | | Unit of Measure: METRIC | | From: 0 To: 453.00 | |
| Azimuth Dec: 212.00 | | Dip Dec: -65.00 | | Collar Survey: <input type="checkbox"/> | |
| | | | | Pulse Em Survey: <input type="checkbox"/> | |
| | | | | Multi Shot Survey: <input type="checkbox"/> | |
| | | | | Making Water: <input type="checkbox"/> | |
| | | | | Is Hole Plugged: <input type="checkbox"/> | |
| | | | | Is Cemented: <input type="checkbox"/> | |
| Contractor: Garant | | Start Date: Jul 17, 2014 | | Completed: Aug 27, 2014 | |
| Logged By: bhua | | Entered On: Jul 25, 2014 | | | |
| Comments: | | | | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371840.000000 | 552457.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: HP14-006

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -65.00 |
| Project Number: HISLOP | North: 5371840.00 | North: | Collar Az: 212.00 |
| Location: Hislop Township | East: 552457.00 | East: | Length: 453.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Jul 17, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Aug 27, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 453.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 212.00 | -65.00 | EZ Sho | OK | | 27.00 | 211.90 | -65.20 | EZ Sho | OK | |
| 51.00 | 223.80 | -64.90 | EZ Sho | DO | | 99.00 | 226.90 | -64.90 | EZ Sho | OK | |
| 150.00 | 218.10 | -64.80 | EZ Sho | OK | | 201.00 | 221.10 | -64.30 | EZ Sho | OK | |
| 252.00 | 228.10 | -63.80 | EZ Sho | OK | | 300.00 | 229.60 | -63.80 | EZ Sho | OK | |
| 351.00 | 230.30 | -62.90 | EZ Sho | OK | | 402.00 | 229.40 | -62.70 | EZ Sho | OK | |
| 450.00 | 232.00 | -63.00 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 6.00 | HPO, OVERBURDEN OVERBURDEN - 6m of casing used. | | | | | | | |
| 6.00 | 12.40 | VMV, MAFIC VOLCANIC VARIOLITIC MASSIVE MAFIC VARIOLITIC VOLCANIC ROCK - Rock is dark grey with red patches. Aphanitic. Iron rich rock with strong semi-pervasive magnetism. Patchy varioles. Weak hematite alteration. PY present but not highly concentrated. Low frequency of CAR fractures. Rock is soft. | E5155076 | 10.50 | 11.50 | 1.00 | 0.05 | 0.04 | |
| | | | E5155077 | 11.50 | 12.40 | 0.90 | 0.37 | | |

Hole Number: HP14-006

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 12.40 | 205.30 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is dark grey with red patches. Aphanitic. Iron rich rock with strong semi-pervasive magnetism. Weak to moderate HE alteration, Minor intervals containing SIL alteration with increased concentrations of PY. PY is finely disseminated in intervals with HE alteration, Weakly brecciated throughout with some minor dykelets of syenite. Rock is moderate in hardness, MINOR INTERVALS: Minor Interval: 88.90 - 90.20 ISO, SYENITIC INTRUSIVE Minor Syenite Minor Interval: 139.60 - 140.70 ISO, SYENITIC INTRUSIVE Minor syenite Minor Interval: 174.80 - 176.80 ISO, SYENITIC INTRUSIVE Minor syenite. Minor Interval: 203.80 - 204.20 ISO, SYENITIC INTRUSIVE Minor Syenite. | E5155078 | 12.40 | 13.20 | 0.80 | 1.17 | | |
| | | | E5155079 | 13.20 | 13.80 | 0.60 | 0.63 | | |
| | | | E5155081 | 13.80 | 15.20 | 1.40 | 0.15 | | |
| | | | E5155082 | 15.20 | 16.60 | 1.40 | 0.35 | | |
| | | | E5155083 | 16.60 | 17.40 | 0.80 | 2.05 | | |
| | | | E5155084 | 17.40 | 18.20 | 0.80 | 0.35 | | |
| | | | E5155085 | 18.20 | 19.50 | 1.30 | 0.21 | | |
| | | | E5155086 | 19.50 | 21.00 | 1.50 | 0.04 | | |
| | | | E5155087 | 62.40 | 63.70 | 1.30 | 0.05 | | |
| | | | E5155088 | 63.70 | 64.70 | 1.00 | 0.14 | | |
| | | | E5155089 | 64.70 | 65.90 | 1.20 | 0.19 | | |
| | | | E5155091 | 65.90 | 66.90 | 1.00 | 1.06 | | |
| | | | E5155092 | 66.90 | 67.90 | 1.00 | 0.77 | | |
| | | | E5155093 | 67.90 | 68.20 | 0.30 | 0.57 | | |
| | | | E5155094 | 68.20 | 69.00 | 0.80 | 0.42 | | |
| | | | E5155095 | 69.00 | 70.00 | 1.00 | 0.35 | | |
| | | | E5155096 | 70.00 | 70.40 | 0.40 | 1.03 | 1.05 | |
| | | | E5155097 | 70.40 | 71.20 | 0.80 | 1.40 | | |
| | | | E5155099 | 71.20 | 72.00 | 0.80 | 0.59 | | |
| | | | E5155100 | 72.00 | 73.00 | 1.00 | 0.80 | | |
| | | | E5155101 | 73.00 | 74.10 | 1.10 | 0.64 | | |
| | | | E5155102 | 74.10 | 75.20 | 1.10 | 1.87 | | |
| | | | E5155103 | 75.20 | 75.70 | 0.50 | 0.29 | | |
| | | | E5155104 | 75.70 | 76.70 | 1.00 | 0.91 | | |
| | | | E5155105 | 76.70 | 78.00 | 1.30 | 0.72 | | |
| | | | E5155106 | 78.00 | 79.50 | 1.50 | 0.45 | | |
| | | | E5155107 | 79.50 | 81.00 | 1.50 | 0.63 | | |
| 205.30 | 208.70 | ISO, SYENITIC INTRUSIVE Red to pink red. cg, subrounded to subangular crystals. No apparent foliation. Possible kspar alteration and hematite alteration as fracture filling. Minor qtz-carb stringers. No visible sulphide. Irregular upper contact and sharp lower contact at 20 TCA. | | | | | | | |
| 208.70 | 219.30 | VMM, MAFIC VOLCANIC MASSIVE As above. Unit comes more cg from 219.3m on. May possible be a VGO. As well as appears to have cg (1-2mm) biotite crystals throughtout unit 219.3 225.3m. MINOR INTERVALS: Minor Interval: 210.80 - 211.70 ISO, SYENITIC INTRUSIVE Minor Syenite. | | | | | | | |

DETAILED LOG

Hole Number: HP14-006

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 219.30 | 278.90 | VGO, GABBRO | E402863 | 263.40 | 264.30 | 0.90 | 0.02 | 0.02 | |
| | | Grey to dark grey. CG crystals throughout. cg plag, 1-2mm subangular diss throughout. No apparen foliation. From 219.3 to 255.3m vcg biotite. | E402864 | 264.30 | 265.40 | 1.10 | 0.31 | | |
| | | Moderately hematite altered with patches of epidote alteration. Minor qtz-carb stringers. tr diss sulphide. Sharp contact. | E402865 | 265.40 | 266.20 | 0.80 | 0.14 | | |
| | | MINOR INTERVALS: | E402866 | 266.20 | 267.20 | 1.00 | 0.07 | | |
| | | Minor Interval: | E402867 | 267.20 | 268.20 | 1.00 | 0.66 | | |
| | | 265.40 - 266.20 IP2, FELDSPAR & QUARTZ PORPHYRY | E402868 | 268.20 | 268.90 | 0.70 | 0.10 | | |
| | | Red to greenish/red. Massive to aphanitic matrix. CG feldpsar phenos diss throughout. 2% fg diss sulphide. | E402869 | 268.90 | 269.60 | 0.70 | 0.43 | | |
| | | Minor Interval: | E402870 | 269.60 | 270.30 | 0.70 | 0.30 | | |
| | | 278.70 - 278.90 ACG, GREEN CARBONATE ALTERED ROCK | E402872 | 270.30 | 271.30 | 1.00 | 0.07 | | |
| | | Green to light green. Massive to aphanitic matrix. CG subrounded flattened white to dark white crystals. Moderately well foliated at 60 TCA. 2% diss sulphide. | E402873 | 271.30 | 272.10 | 0.80 | 0.04 | | |
| | | | E402874 | 272.10 | 273.10 | 1.00 | 0.45 | | |
| | | | E402875 | 273.10 | 274.20 | 1.10 | 0.12 | | |
| | | | E402876 | 274.20 | 274.70 | 0.50 | 0.04 | | |
| | | | E402877 | 274.70 | 276.00 | 1.30 | 0.02 | | |
| | | | E402878 | 276.00 | 276.90 | 0.90 | 0.01 | | |
| | | | E402879 | 276.90 | 277.60 | 0.70 | 0.05 | | |
| | | | E402881 | 277.60 | 278.30 | 0.70 | 0.14 | | |
| | | | E402882 | 278.30 | 278.90 | 0.60 | 0.48 | | |

DETAILED LOG

Hole Number: HP14-006

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 278.90 | 362.80 | IP2, FELDSPAR & QUARTZ PORPHYRY Light mauve to green. Very coarse grained. Rock is hard, strongly silicified. Crystals become more coarse grained going down hole at approximately 315m. Minor qtz-carb veins, some veins have well defined crystals within them. Epidote alteration is throughout. 1-2% diss sulphide. Sharp contact. MINOR INTERVALS: Minor Interval: 292.80 - 293.60 VMO, MAFIC VOLCANIC UNDIVIDED Green to yellow green. Massive to aphanitic. No apparent foliation. Strong epidote alteration. Minor Interval: 294.10 - 294.50 VMO, MAFIC VOLCANIC UNDIVIDED As above. | E402883 | 278.90 | 279.40 | 0.50 | 0.29 | | |
| | | | E402884 | 279.40 | 280.40 | 1.00 | 0.06 | | |
| | | | E402885 | 280.40 | 281.40 | 1.00 | 0.05 | | |
| | | | E402886 | 281.40 | 282.40 | 1.00 | 0.03 | | |
| | | | E402887 | 282.40 | 283.40 | 1.00 | 0.04 | | |
| | | | E402888 | 283.40 | 284.40 | 1.00 | 0.02 | | |
| | | | E402890 | 284.40 | 285.40 | 1.00 | 0.02 | | |
| | | | E402891 | 285.40 | 286.30 | 0.90 | 0.07 | | |
| | | | E402892 | 286.30 | 287.30 | 1.00 | 0.05 | | |
| | | | E402893 | 287.30 | 288.30 | 1.00 | 0.05 | | |
| | | | E402894 | 288.30 | 289.30 | 1.00 | 0.02 | | |
| | | | E402895 | 289.30 | 290.30 | 1.00 | 0.01 | | |
| | | | E402896 | 290.30 | 291.30 | 1.00 | 0.02 | | |
| | | | E402897 | 291.30 | 292.30 | 1.00 | 0.04 | | |
| | | | E402898 | 292.30 | 292.80 | 0.50 | 0.02 | | |
| | | | E402900 | 292.80 | 293.60 | 0.80 | 0.03 | | |
| | | | E402901 | 293.60 | 294.50 | 0.90 | 0.06 | | |
| | | | E402902 | 294.50 | 295.50 | 1.00 | 0.03 | | |
| | | | E402903 | 295.50 | 296.40 | 0.90 | 0.07 | | |
| | | | E402904 | 296.40 | 297.40 | 1.00 | 0.18 | | |
| | | | E402905 | 297.40 | 298.30 | 0.90 | 0.03 | | |
| | | | E402906 | 298.30 | 299.30 | 1.00 | 0.01 | | |
| | | | E402907 | 299.30 | 300.30 | 1.00 | 0.01 | | |
| | | | E402908 | 300.30 | 300.80 | 0.50 | 0.02 | | |
| | | | E402909 | 300.80 | 301.80 | 1.00 | 0.02 | | |
| | | | E402911 | 351.00 | 352.00 | 1.00 | 0.10 | | |
| | | | E402912 | 352.00 | 352.60 | 0.60 | 0.29 | | |
| | | | E402913 | 352.60 | 353.60 | 1.00 | 0.30 | | |
| | | | E402914 | 353.60 | 354.60 | 1.00 | 0.33 | | |
| | | | E402915 | 354.60 | 355.60 | 1.00 | 0.67 | | |
| | | | E402916 | 355.60 | 356.40 | 0.80 | 0.28 | | |
| | | | E402917 | 356.40 | 357.70 | 1.30 | 0.24 | | |
| | | | E402918 | 357.70 | 358.70 | 1.00 | 0.35 | | |
| | | | E402920 | 358.70 | 359.70 | 1.00 | 1.00 | | |
| | | | E402921 | 359.70 | 360.70 | 1.00 | 0.28 | | |
| | | | E402922 | 360.70 | 361.70 | 1.00 | 0.25 | | |
| | | | E402923 | 361.70 | 362.80 | 1.10 | 0.61 | | |

Hole Number: HP14-006

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 362.80 | 380.80 | ACG, GREEN CARBONATE ALTERED ROCK Green to grey green. Massive to aphanitic matrix. diss cg qtz clasts. Clasts are white, subrounded and 1-2mm in size. Larger brownish yellow fragments within the unit as well. Moderate chlorite fractures. Fuschise, silica and epidote altered. Moderate qtz veining. Some qtz veins show small amounts of movement. 1-2% diss sulphide. | E402924 | 362.80 | 363.40 | 0.60 | 1.42 | | |
| | | | E402925 | 363.40 | 364.00 | 0.60 | 1.39 | | |
| | | | E402926 | 364.00 | 364.60 | 0.60 | 1.59 | | |
| | | | E402927 | 364.60 | 365.20 | 0.60 | 1.67 | | |
| | | | E402928 | 365.20 | 365.70 | 0.50 | 1.45 | | |
| | | | E402930 | 365.70 | 366.90 | 1.20 | 0.06 | | |
| | | | E402931 | 366.90 | 367.50 | 0.60 | 0.05 | | |
| | | | E402932 | 367.50 | 368.10 | 0.60 | 0.07 | | |
| | | | E402933 | 368.10 | 369.25 | 1.15 | 0.09 | | |
| | | | E402934 | 369.25 | 370.10 | 0.85 | 0.03 | | |
| | | | E402935 | 370.10 | 370.90 | 0.80 | 0.03 | | |
| | | | E402936 | 370.90 | 372.00 | 1.10 | 0.07 | | |
| | | | E402937 | 372.00 | 372.70 | 0.70 | 0.04 | | |
| | | | E402938 | 372.70 | 373.60 | 0.90 | 0.05 | | |
| | | | E402940 | 373.60 | 374.30 | 0.70 | 0.05 | | |
| | | | E402941 | 374.30 | 374.90 | 0.60 | 0.05 | | |
| | | | E402942 | 374.90 | 375.50 | 0.60 | 0.01 | | |
| | | | E402943 | 375.50 | 376.00 | 0.50 | 0.01 | | |
| | | | E402944 | 376.00 | 376.90 | 0.90 | 0.01 | | |
| | | | E402945 | 376.90 | 377.80 | 0.90 | 0.00 | | |
| | | | E402946 | 377.80 | 378.80 | 1.00 | 0.05 | | |
| | | | E402947 | 378.80 | 379.80 | 1.00 | 0.03 | | |
| | | | E402948 | 379.80 | 380.80 | 1.00 | 0.01 | 0.01 | |
| 380.80 | 426.00 | VUO, ULTRAMAFIC VOLCANIC Dark grey to black grey. Massive to aphanitic. Diss subounded qtz-carb clasts throughout. Moderately foliated at 40 Moderate to strong qtz-carb veining. Localized clusteres of disseminated py. Rock is very soft. Contact is sharp. Bluish crystals (possible altered chlorite or glaucophane) are found throughout the unit. MINOR INTERVALS: Minor Interval: 399.90 - 401.00 IIO, INTERMEDIATE INTRUSIVE White to pinkish white. Massive to aphanitic matrix. cg-mg diss black specs, possibly chlorite. 1% diss sulphide. | E402950 | 380.80 | 381.40 | 0.60 | 0.00 | | |
| | | | E402951 | 381.40 | 382.30 | 0.90 | 0.02 | | |
| | | | E402952 | 398.40 | 399.40 | 1.00 | 0.02 | | |
| | | | E402953 | 399.40 | 399.90 | 0.50 | 0.08 | | |
| | | | E402954 | 399.90 | 400.40 | 0.50 | 0.00 | | |
| | | | E402955 | 400.40 | 401.00 | 0.60 | 0.00 | | |
| | | | E402956 | 401.00 | 401.50 | 0.50 | 0.58 | | |
| | | | E402957 | 401.50 | 402.50 | 1.00 | 0.01 | | |
| 426.00 | 439.90 | VUX, Ultramafic Breccia Dark grey to black grey. Massive to aphanitic matrix. Very coarse grained biotite crystals diss throughout. Crystals appear to grade down the unit. 1cm in size to 1mm in size. Kspar is found within the unit towards the end of the hole. Minor qtz-carb veins are found throughout. From 437m to end of the unit, soft chalky white blades are seen within the biotite. Some sort of replacement. Contact is sharp at 85 TCA. | | | | | | | |

Hole Number: HP14-006

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 439.90 | 444.20 | IMO, MAFIC INTUSIVE Grey to dark grey. mg-cg, white and black crystals. K-spar throughout. Cg-biotite and plag throughout. Minor qtz veinlets. Rock is moderately soft. tr diss sulphide. Sharp contact at 60 TCA. | | | | | | | |
| 444.20 | 453.00 | VUO, ULTRAMAFIC VOLCANIC As above. | E402958 | 448.20 | 449.20 | 1.00 | 0.00 | | |
| | | | E402959 | 449.20 | 449.70 | 0.50 | 0.12 | | |
| | | | E402960 | 449.70 | 450.20 | 0.50 | 0.20 | | |
| | | | E402962 | 450.20 | 450.70 | 0.50 | 0.00 | | |
| | | | E402963 | 450.70 | 451.70 | 1.00 | 0.00 | 0.00 | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5155076 | 10.50 | 11.50 | 0.0500 | 0.0390 | |
| E5155077 | 11.50 | 12.40 | 0.3700 | | |
| E5155078 | 12.40 | 13.20 | 1.1700 | | |
| E5155079 | 13.20 | 13.80 | 0.6300 | | |
| E5155081 | 13.80 | 15.20 | 0.1500 | | |
| E5155082 | 15.20 | 16.60 | 0.3500 | | |
| E5155083 | 16.60 | 17.40 | 2.0500 | | |
| E5155084 | 17.40 | 18.20 | 0.3500 | | |
| E5155085 | 18.20 | 19.50 | 0.2100 | | |
| E5155086 | 19.50 | 21.00 | 0.0400 | | |
| E5155087 | 62.40 | 63.70 | 0.0500 | | |
| E5155088 | 63.70 | 64.70 | 0.1400 | | |
| E5155089 | 64.70 | 65.90 | 0.1900 | | |
| E5155091 | 65.90 | 66.90 | 1.0600 | | |
| E5155092 | 66.90 | 67.90 | 0.7700 | | |
| E5155093 | 67.90 | 68.20 | 0.5700 | | |
| E5155094 | 68.20 | 69.00 | 0.4200 | | |
| E5155095 | 69.00 | 70.00 | 0.3500 | | |
| E5155096 | 70.00 | 70.40 | 1.0300 | 1.0500 | |
| E5155097 | 70.40 | 71.20 | 1.4000 | | |
| E5155099 | 71.20 | 72.00 | 0.5900 | | |
| E5155100 | 72.00 | 73.00 | 0.8000 | | |
| E5155101 | 73.00 | 74.10 | 0.6400 | | |
| E5155102 | 74.10 | 75.20 | 1.8700 | | |
| E5155103 | 75.20 | 75.70 | 0.2900 | | |
| E5155104 | 75.70 | 76.70 | 0.9100 | | |
| E5155105 | 76.70 | 78.00 | 0.7200 | | |
| E5155106 | 78.00 | 79.50 | 0.4500 | | |

Hole Number: HP14-006

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E5155107 | 79.50 | 81.00 | 0.6300 | | |
| E402863 | 263.40 | 264.30 | 0.0200 | 0.0196 | |
| E402864 | 264.30 | 265.40 | 0.3100 | | |
| E402865 | 265.40 | 266.20 | 0.1400 | | |
| E402866 | 266.20 | 267.20 | 0.0700 | | |
| E402867 | 267.20 | 268.20 | 0.6600 | | |
| E402868 | 268.20 | 268.90 | 0.1000 | | |
| E402869 | 268.90 | 269.60 | 0.4300 | | |
| E402870 | 269.60 | 270.30 | 0.3000 | | |
| E402872 | 270.30 | 271.30 | 0.0700 | | |
| E402873 | 271.30 | 272.10 | 0.0400 | | |
| E402874 | 272.10 | 273.10 | 0.4500 | | |
| E402875 | 273.10 | 274.20 | 0.1200 | | |
| E402876 | 274.20 | 274.70 | 0.0400 | | |
| E402877 | 274.70 | 276.00 | 0.0200 | | |
| E402878 | 276.00 | 276.90 | 0.0100 | | |
| E402879 | 276.90 | 277.60 | 0.0500 | | |
| E402881 | 277.60 | 278.30 | 0.1400 | | |
| E402882 | 278.30 | 278.90 | 0.4800 | | |
| E402883 | 278.90 | 279.40 | 0.2900 | | |
| E402884 | 279.40 | 280.40 | 0.0600 | | |
| E402885 | 280.40 | 281.40 | 0.0500 | | |
| E402886 | 281.40 | 282.40 | 0.0300 | | |
| E402887 | 282.40 | 283.40 | 0.0400 | | |
| E402888 | 283.40 | 284.40 | 0.0200 | | |
| E402890 | 284.40 | 285.40 | 0.0200 | | |
| E402891 | 285.40 | 286.30 | 0.0700 | | |
| E402892 | 286.30 | 287.30 | 0.0500 | | |
| E402893 | 287.30 | 288.30 | 0.0500 | | |
| E402894 | 288.30 | 289.30 | 0.0200 | | |
| E402895 | 289.30 | 290.30 | 0.0100 | | |
| E402896 | 290.30 | 291.30 | 0.0200 | | |
| E402897 | 291.30 | 292.30 | 0.0400 | | |
| E402898 | 292.30 | 292.80 | 0.0200 | | |
| E402900 | 292.80 | 293.60 | 0.0300 | | |
| E402901 | 293.60 | 294.50 | 0.0600 | | |
| E402902 | 294.50 | 295.50 | 0.0300 | | |
| E402903 | 295.50 | 296.40 | 0.0700 | | |
| E402904 | 296.40 | 297.40 | 0.1800 | | |

Hole Number: HP14-006

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E402905 | 297.40 | 298.30 | 0.0300 | | |
| E402906 | 298.30 | 299.30 | 0.0100 | | |
| E402907 | 299.30 | 300.30 | 0.0100 | | |
| E402908 | 300.30 | 300.80 | 0.0200 | | |
| E402909 | 300.80 | 301.80 | 0.0200 | | |
| E402911 | 351.00 | 352.00 | 0.1000 | | |
| E402912 | 352.00 | 352.60 | 0.2900 | | |
| E402913 | 352.60 | 353.60 | 0.3000 | | |
| E402914 | 353.60 | 354.60 | 0.3300 | | |
| E402915 | 354.60 | 355.60 | 0.6700 | | |
| E402916 | 355.60 | 356.40 | 0.2800 | | |
| E402917 | 356.40 | 357.70 | 0.2400 | | |
| E402918 | 357.70 | 358.70 | 0.3500 | | |
| E402920 | 358.70 | 359.70 | 1.0000 | | |
| E402921 | 359.70 | 360.70 | 0.2800 | | |
| E402922 | 360.70 | 361.70 | 0.2500 | | |
| E402923 | 361.70 | 362.80 | 0.6100 | | |
| E402924 | 362.80 | 363.40 | 1.4200 | | |
| E402925 | 363.40 | 364.00 | 1.3900 | | |
| E402926 | 364.00 | 364.60 | 1.5900 | | |
| E402927 | 364.60 | 365.20 | 1.6700 | | |
| E402928 | 365.20 | 365.70 | 1.4500 | | |
| E402930 | 365.70 | 366.90 | 0.0600 | | |
| E402931 | 366.90 | 367.50 | 0.0500 | | |
| E402932 | 367.50 | 368.10 | 0.0700 | | |
| E402933 | 368.10 | 369.25 | 0.0900 | | |
| E402934 | 369.25 | 370.10 | 0.0300 | | |
| E402935 | 370.10 | 370.90 | 0.0300 | | |
| E402936 | 370.90 | 372.00 | 0.0700 | | |
| E402937 | 372.00 | 372.70 | 0.0400 | | |
| E402938 | 372.70 | 373.60 | 0.0500 | | |
| E402940 | 373.60 | 374.30 | 0.0500 | | |
| E402941 | 374.30 | 374.90 | 0.0500 | | |
| E402942 | 374.90 | 375.50 | 0.0100 | | |
| E402943 | 375.50 | 376.00 | 0.0100 | | |
| E402944 | 376.00 | 376.90 | 0.0100 | | |
| E402945 | 376.90 | 377.80 | 0.0000 | | |
| E402946 | 377.80 | 378.80 | 0.0500 | | |
| E402947 | 378.80 | 379.80 | 0.0300 | | |

Hole Number: HP14-006

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E402948 | 379.80 | 380.80 | 0.0100 | 0.0119 | |
| E402950 | 380.80 | 381.40 | 0.0000 | | |
| E402951 | 381.40 | 382.30 | 0.0200 | | |
| E402952 | 398.40 | 399.40 | 0.0200 | | |
| E402953 | 399.40 | 399.90 | 0.0800 | | |
| E402954 | 399.90 | 400.40 | 0.0000 | | |
| E402955 | 400.40 | 401.00 | 0.0000 | | |
| E402956 | 401.00 | 401.50 | 0.5800 | | |
| E402957 | 401.50 | 402.50 | 0.0100 | | |
| E402958 | 448.20 | 449.20 | 0.0000 | | |
| E402959 | 449.20 | 449.70 | 0.1200 | | |
| E402960 | 449.70 | 450.20 | 0.2000 | | |
| E402962 | 450.20 | 450.70 | 0.0000 | | |
| E402963 | 450.70 | 451.70 | 0.0000 | 0.0040 | |

| | |
|-----|--------|
| | 0 |
| HCO | 10.00 |
| VMO | 162.10 |
| VMA | 169.30 |
| VMX | 173.30 |
| ISO | 174.50 |
| VMX | 190.50 |
| ISO | 192.50 |
| VMX | 207.10 |
| VMO | 213.60 |
| VMA | 226.70 |
| VMO | 233.50 |
| ISO | 236.40 |
| VMO | 241.30 |
| ISO | 245.60 |
| VMO | 258.80 |
| IPF | 260.10 |
| ISX | 263.20 |
| IP2 | 267.30 |
| IPF | 269.00 |
| IP2 | 281.30 |
| VMX | 283.80 |

| | |
|--|--|
| Hole No: HP14-007 Hole Type: DDH Hole Size: NQ | |
| Location: Hislop Township Core Storage: Hislop | |
| Casing: YES Claim No: L26963/L26959 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC From: 0 To: 366.00 |

| | | | |
|--|---|---|---|
| Azimuth Dec: 201.00 Dip Dec: -42.00 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Orbit Garant Start Date: Jul 26, 2014 Completed: Jul 30, 2014

Logged By: ssanderson Entered On: Aug 11, 2014

Comments: core box 58 mixed up from 252 to 255m, geologist put it back together as best as possible.

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371788.000000 | 552569.000000 | 300.0000 | UTM: | | | | |



| | |
|-----|--------|
| ACG | 283.80 |
| | 284.70 |
| VMX | 284.70 |
| | 301.80 |
| VUO | 301.80 |
| | 366.00 |

DETAILED LOG

Hole Number: HP14-007

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|--------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -42.00 |
| Project Number: HISLOP | North: 5371788.00 | North: | Collar Az: 201.00 |
| Location: Hislop Township | East: 552569.00 | East: | Length: 366.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Jul 26, 2014 | Collar Survey: N | Plugged: N | Contractor: Orbit Garant |
| Date Completed: Jul 30, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Hislop |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 366.00 |

Comments: core box 58 mixed up from 252 to 255m, geologist put it back together as best as possible.

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 201.00 | -42.40 | EZ Sho | OK | used first tag | 33.00 | 201.00 | -42.40 | EZ Sho | OK | |
| 81.00 | 197.40 | -42.00 | EZ Sho | OK | | 99.00 | 211.00 | -41.60 | EZ Sho | DO | |
| 150.00 | 210.00 | -41.20 | EZ Sho | OK | | 201.00 | 200.00 | -41.00 | EZ Sho | OK | |
| 249.00 | 206.30 | -40.30 | EZ Sho | OK | | 300.00 | 206.30 | -40.00 | EZ Sho | OK | |
| 351.00 | 211.00 | -40.50 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 10.00 | HCO, CASING | | | | | | | |
| 10.00 | 162.10 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to dark grey. Very fine grain to medium grain. Rock is magnetic. tr diss sulphide. Carbonate veining throughout. wispy veinlets. Veins tend to be altered by light greenish yellow alteration (epidote). Minor hematite alteration within veins as well. Localized vuggy veins with subhedral to euhedral xls within. tr to 1 % sulphide. Sulphides tend to be more abundant in areas with hematite alteration. Amygdules from 70.6 to 73.6m. , 114.6- continue sporatically to 148.2m. They are small subrounded and white to grey white. Small flow breccia zone from 85.7-85.1m. Strong altered epidote zone from 148.2-149.7 Strong hematite alteration starts at 149.7. Gradational contact. | E402601 | 148.20 | 148.70 | 0.50 | 0.00 | 0.00 | |
| | | | E402602 | 148.70 | 149.40 | 0.70 | 0.01 | | |
| | | | E402603 | 149.40 | 150.00 | 0.60 | 0.03 | | |
| | | | E402604 | 150.00 | 150.90 | 0.90 | 0.00 | | |
| | | | E402606 | 150.90 | 151.40 | 0.50 | 0.04 | | |
| | | | E402607 | 151.40 | 152.40 | 1.00 | 0.00 | | |

DETAILED LOG

Hole Number: HP14-007

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 162.10 | 169.30 | VMA, MAFIC VOLCANIC AMYGDALOIDAL Grey to dark grey. Massive to aphanitic matrix with CG amygdules throughout out the unit. Amgdules ranged from subrounded to flatted parallel to foliation. Foliation is 35 TCA. They are white blebs to dark red blebs. White blebs are qtz (hard to scratch) and red blebs are hematite altered. Minor qtz-carb stringers, stringers are white to altered red from hematite. Syenite dykes found throughout the unit. Hematite alteration. Gradational contact. Diss and ff sulphide throughout. | E402608 | 167.80 | 168.80 | 1.00 | 0.01 | | |
| | | | E402609 | 168.80 | 169.30 | 0.50 | 0.00 | | |
| 169.30 | 173.30 | VMX, MAFIC BRECCIA Dark grey to mauve grey. Massive to aphanitic matrix. Breccia fragments are subrounded have clear defined borders. No apparent foliation. 1-2% diss sulphide. Albite alteration and localized epidote alteration. Irregular contact 50 TCA. | E402610 | 169.30 | 170.20 | 0.90 | 0.40 | | |
| | | | E402611 | 170.20 | 171.00 | 0.80 | 0.21 | | |
| | | | E402612 | 171.00 | 172.00 | 1.00 | 0.02 | | |
| | | | E402613 | 172.00 | 172.70 | 0.70 | 0.40 | | |
| | | | E402615 | 172.70 | 173.30 | 0.60 | 0.02 | | |
| 173.30 | 174.50 | ISO, SYENITIC INTRUSIVE Pink to pinkish white. Predominantly cg feldspar, subrounded to rounded and diss small black specs (possibly chlorite). 1-2% diss pyrite. Weak qtz-carb stringers. Strong hematite alteration. Sharp contact at 25 TCA. | E402616 | 173.30 | 174.50 | 1.20 | 0.26 | | |
| 174.50 | 190.50 | VMX, MAFIC BRECCIA Dark grey to reddish grey. Massive to aphanitic matrix. Breccia fragments are light grey to pink. Unit is hematite altered. Localized epidote alteration. Qtz-carb stringers throughout, some altered with hematite. 1% diss and fracture filling sulphide. Sharp contact at 50 TCA. | E402617 | 174.50 | 175.50 | 1.00 | 0.38 | | |
| | | | E402618 | 175.50 | 176.60 | 1.10 | 1.17 | | |
| | | | E402619 | 176.60 | 177.60 | 1.00 | 0.46 | | |
| | | | E402620 | 177.60 | 178.60 | 1.00 | 0.13 | | |
| | | | E402621 | 178.60 | 180.00 | 1.40 | 1.47 | | |
| | | | E402622 | 180.00 | 181.00 | 1.00 | 0.25 | | |
| | | | E402624 | 181.00 | 182.00 | 1.00 | 0.15 | | |
| | | | E402625 | 182.00 | 182.90 | 0.90 | 0.88 | | |
| | | | E402626 | 182.90 | 183.70 | 0.80 | 0.07 | 0.08 | |
| | | | E402627 | 183.70 | 184.70 | 1.00 | 0.03 | | |
| | | | E402628 | 184.70 | 185.40 | 0.70 | 0.01 | | |
| | | | E402629 | 185.40 | 186.50 | 1.10 | 0.13 | | |
| | | | E402630 | 186.50 | 187.20 | 0.70 | 0.18 | | |
| | | | E402631 | 187.20 | 188.30 | 1.10 | 0.30 | | |
| | | | E402632 | 188.30 | 189.00 | 0.70 | 0.23 | | |
| | | | E402633 | 189.00 | 190.50 | 1.50 | 0.24 | | |
| 190.50 | 192.50 | ISO, SYENITIC INTRUSIVE Pink to pinkish white. Predominantly cg feldspar, subrounded to rounded and diss small black specs (possibly chlorite). 1% diss pyrite. Weak qtz-carb stringers. Minor chlorite fractures. Hematite altered but not as strong as previous ISO unit. Sharp lower contact at 60 TCA. | E402634 | 190.50 | 191.40 | 0.90 | 0.21 | | |
| | | | E402636 | 191.40 | 192.50 | 1.10 | 0.30 | | |

Hole Number: HP14-007

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 192.50 | 207.10 | VMX, MAFIC BRECCIA As above. 195.3-195.7m, and diss throughout 201.8to 204.3m amygdules. Diss and fracture filling fg sulphide. Hematite altered with minor epidote alteration. Gradational contact. | E402747 | 192.50 | 193.40 | 0.90 | 2.82 | | |
| | | | E402637 | 193.40 | 194.30 | 0.90 | 0.01 | | |
| | | | E402638 | 194.30 | 195.30 | 1.00 | 0.33 | | |
| | | | E402639 | 195.30 | 195.80 | 0.50 | 0.00 | | |
| | | | E402640 | 195.80 | 196.80 | 1.00 | 0.34 | | |
| | | | E402641 | 196.80 | 197.80 | 1.00 | 0.54 | | |
| | | | E402643 | 197.80 | 198.60 | 0.80 | 0.41 | | |
| | | | E402644 | 198.60 | 199.30 | 0.70 | 0.66 | | |
| | | | E402645 | 199.30 | 200.00 | 0.70 | 0.33 | | |
| | | | E402646 | 200.00 | 200.80 | 0.80 | 0.77 | | |
| | | | E402647 | 200.80 | 201.80 | 1.00 | 0.32 | | |
| | | | E402648 | 201.80 | 202.80 | 1.00 | 0.55 | | |
| | | | E402649 | 202.80 | 203.80 | 1.00 | 0.15 | 0.14 | |
| | | | E402650 | 203.80 | 204.30 | 0.50 | 0.49 | | |
| 207.10 | 213.60 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to dark grey. Hematite altered. fg to aphanitic. Massive unit. tr to 1% diss sulphide and localized. qtz-carb stringers throughout. Unit appears to have amygdoules throughout. | | | | | | | |
| 213.60 | 226.70 | VMA, MAFIC VOLCANIC AMYGDALOIDAL Dark grey to black grey. Massive to aphanitic matrix. cg amygdules throughout the unit. Rounded to subrounded, white. Diss fg sulphide, some fracture filling. Minor qtz-carb stringers. Minor ISO dykes throuhgout. , 220.6-221.1m, 223.1-223.5m. | | | | | | | |
| 226.70 | 233.50 | VMO, MAFIC VOLCANIC UNDIVIDED Dark grey to black grey. Massive to aphanitic matrix. Patchy sections of subrounded irregular clasts. Moderate hematite alteration. Minor qtz-carb stringers. tr py. | E402751 | 230.50 | 231.50 | 1.00 | 0.10 | | |
| | | | E402752 | 231.50 | 232.00 | 0.50 | 0.38 | | |
| | | | E402754 | 232.00 | 233.00 | 1.00 | 0.47 | | |
| | | | E402755 | 233.00 | 233.60 | 0.60 | 1.83 | | |
| 233.50 | 236.40 | ISO, SYENITIC INTRUSIVE Pink to pinkish white. Predominantly cg feldspar, subrounded to rounded and diss small black specs (possibly chlorite). 1-2% diss pyrite. Weak qtz-carb stringers. Strong hematite alteration. | E402756 | 233.60 | 234.20 | 0.60 | 0.88 | | |
| | | | E402757 | 234.20 | 235.20 | 1.00 | 0.87 | | |
| | | | E402758 | 235.20 | 236.40 | 1.20 | 0.65 | | |
| 236.40 | 241.30 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to dark grey. Massive to aphanitic matrix. No apparent foliation. Unit appears vesicular, small rounded to subrounded. tr sulphide. minor qtz veinlets. | E402759 | 236.40 | 236.90 | 0.50 | 0.52 | | |
| | | | E402760 | 236.90 | 237.90 | 1.00 | 1.08 | | |
| 241.30 | 245.60 | ISO, SYENITIC INTRUSIVE Pink to pinkish white. Predominantly cg feldspar, subrounded to rounded and diss small black specs (possibly chlorite). 1-2% diss pyrite. Weak qtz-carb stringers. Strong hematite alteration. 1-2% diss sulphide. | E402761 | 242.30 | 243.30 | 1.00 | 1.43 | | |
| | | | E402762 | 243.30 | 243.80 | 0.50 | 0.35 | | |
| | | | E402763 | 243.80 | 244.30 | 0.50 | 1.92 | | |
| | | | E402764 | 244.30 | 245.60 | 1.30 | 1.63 | | |

Hole Number: HP14-007

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 245.60 | 258.80 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to dark grey. Massive to aphanitic matrix. No apparent foliation. Unit appears vesicular, small rounded to subrounded. tr sulphide. minor qtz veinlets. ISO dykes throughout. A large one from 248.6 to 249m. Hematite altered and patches of epidote alteration. | E402765 | 245.60 | 246.70 | 1.10 | 5.85 | | |
| | | | E402767 | 246.70 | 247.40 | 0.70 | 3.13 | | |
| | | | E402768 | 247.40 | 248.00 | 0.60 | 2.94 | | |
| | | | E402769 | 248.00 | 248.60 | 0.60 | 3.34 | | |
| | | | E402770 | 248.60 | 249.90 | 1.30 | 1.87 | | |
| | | | E402771 | 249.90 | 250.80 | 0.90 | 1.37 | | |
| | | | E402773 | 250.80 | 251.80 | 1.00 | 0.93 | | |
| | | | E402774 | 251.80 | 252.80 | 1.00 | 0.75 | | |
| | | | E402775 | 252.80 | 253.80 | 1.00 | 0.35 | | |
| | | | E402776 | 253.80 | 255.00 | 1.20 | 1.53 | | |
| | | | E402777 | 255.00 | 255.70 | 0.70 | 0.83 | | |
| | | | E402778 | 255.70 | 256.50 | 0.80 | 0.63 | | |
| | | | E402779 | 256.50 | 258.00 | 1.50 | 1.76 | | |
| | | | E402780 | 258.00 | 258.80 | 0.80 | 2.15 | | |
| 258.80 | 260.10 | IPF, FELDSPAR PORPHYRY INTERMEDIATE PORPHYRY. Grey to green grey. fg to vfg matrix. Diss cg feldspar. Subrounded to subangular. Unit is strong epidotized. No visible sulphides. | E402781 | 258.80 | 260.10 | 1.30 | 0.70 | | |
| 260.10 | 263.20 | ISX, BRECCIATED SYENITE Grey to dark grey. Massive to aphanitic matrix. White to pinkish xstls. Hematite and epidote altered. Chlorite fractured. | E402782 | 260.10 | 261.10 | 1.00 | 3.19 | | |
| | | | E402784 | 261.10 | 262.10 | 1.00 | 1.08 | | |
| | | | E402785 | 262.10 | 263.20 | 1.10 | 0.53 | | |
| 263.20 | 267.30 | IP2, FELDSPAR & QUARTZ PORPHYRY Grey to pinkish grey. Massive. Cg feldspar. Rock is hard. Minor qtz-carb veinds Sharp contact at 50 TCA. Shiny bluish grey possibly graphite on a break at 264m. Smears black. | E402786 | 263.20 | 264.00 | 0.80 | 0.37 | | |
| | | | E402787 | 264.00 | 265.00 | 1.00 | 0.28 | | |
| | | | E402788 | 265.00 | 266.10 | 1.10 | 0.04 | | |
| | | | E402789 | 266.10 | 267.30 | 1.20 | 0.02 | | |
| 267.30 | 269.00 | IPF, FELDSPAR PORPHYRY INTERMEDIATE PORPHYRY Grey to light grey. fg matrix with mg tp cg feldspar clasts. Clasts are rounded to subrounded, diss throughout. Have an apparent foliation of 50 TCA. Hematite alteration weakly disseminated throughout. Minor qtz-carb stringers. No visible sulphide. | E402790 | 267.30 | 268.10 | 0.80 | 0.07 | | |
| | | | E402791 | 268.10 | 269.00 | 0.90 | 0.08 | | |
| 269.00 | 281.30 | IP2, FELDSPAR & QUARTZ PORPHYRY Light mauve to green. Very coarse grained. Rock is hard, strongly silicified. Minor qtz-carb veins, some veins have well defined crystals within them. Epidote alteration is throughout. 1-2% diss sulphide. Sharp contact at 50 TCA. | E402793 | 269.00 | 270.50 | 1.50 | 0.08 | | |
| | | | E402794 | 270.50 | 272.00 | 1.50 | 0.05 | | |
| | | | E402795 | 272.00 | 273.50 | 1.50 | 0.03 | | |
| | | | E402796 | 273.50 | 275.00 | 1.50 | 0.05 | | |
| | | | E402797 | 275.00 | 276.50 | 1.50 | 0.05 | | |
| | | | E402798 | 276.50 | 278.00 | 1.50 | 0.04 | | |
| | | | E402799 | 278.00 | 279.50 | 1.50 | 0.40 | | |
| | | | E402800 | 279.50 | 280.20 | 0.70 | 1.52 | | |
| | | | E402801 | 280.20 | 281.30 | 1.10 | 0.36 | | |

Hole Number: HP14-007

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 281.30 | 283.80 | VMX, MAFIC BRECCIA Grey to light brownish grey. Massive to aphanitic matrix. Large 0.5-1cm subrounded fragments diss throughout. Chlorite fractures throughout. tr diss sulphide. Contact is sharp and is sheared at 35 TCA. | E402802 | 281.30 | 282.10 | 0.80 | 1.29 | | |
| | | | E402803 | 282.10 | 283.00 | 0.90 | 3.29 | | |
| | | | E402805 | 283.00 | 283.80 | 0.80 | 4.74 | | |
| 283.80 | 284.70 | ACG, GREEN CARBONATE ALTERED ROCK Green to bright green. Massive to aphanitic white matrix. Moderately foliated at 55 TCA. | E402806 | 283.80 | 284.70 | 0.90 | 1.69 | | |
| 284.70 | 301.80 | VMX, MAFIC BRECCIA Grey to medium grey matrix. Diss cg subrounded qtz clasts throughout. . Minor qtz-carb veins. Rock is hard, silicified. Alteration is brownish grey carbonate. 2-3% diss sulphide, they are diss throughout the matrix, fg and cg. Moderately foliated at 40 TCA. Sharp contact at 50 TCA. | E402807 | 284.70 | 285.50 | 0.80 | 1.26 | | |
| | | | E402808 | 285.50 | 286.60 | 1.10 | 0.24 | | |
| | | | E402809 | 286.60 | 287.10 | 0.50 | 1.36 | | |
| | | | E402810 | 287.10 | 288.10 | 1.00 | 1.42 | | |
| | | | E402811 | 288.10 | 289.10 | 1.00 | 1.96 | | |
| | | | E402813 | 289.10 | 289.90 | 0.80 | 4.62 | | |
| | | | E402814 | 289.90 | 291.20 | 1.30 | 1.56 | | |
| | | | E402815 | 291.20 | 292.10 | 0.90 | 0.13 | | |
| | | | E402816 | 292.10 | 293.10 | 1.00 | 0.14 | | |
| | | | E402817 | 293.10 | 294.10 | 1.00 | 0.10 | | |
| | | | E402818 | 294.10 | 294.80 | 0.70 | 0.99 | | |
| | | | E402819 | 294.80 | 296.00 | 1.20 | 0.45 | | |
| | | | E402820 | 296.00 | 297.00 | 1.00 | 0.37 | | |
| | | | E402821 | 297.00 | 298.00 | 1.00 | 0.17 | | |
| | | | E402823 | 298.00 | 299.00 | 1.00 | 0.36 | | |
| | | | E402824 | 299.00 | 300.00 | 1.00 | 2.53 | | |
| | | | E402825 | 300.00 | 300.80 | 0.80 | 1.31 | | |
| | | | E402826 | 300.80 | 301.80 | 1.00 | 4.51 | | |
| 301.80 | 366.00 | VUO, ULTRAMAFIC VOLCANIC Dark grey to black grey. Massive to aphanitic matrix. Diss subrounded qtz clasts throughout. No apparent foliation until 306.8m where is it is moderate at 30 TCA. Rock is very soft. 306.8-312m, there is a bluish altered minerals found parallel foliation. Possibly glaucophane. Sulphides become more abundant and cg from 312 to 316.3m. | E402827 | 301.80 | 302.30 | 0.50 | 0.06 | | |
| | | | E402828 | 302.30 | 303.30 | 1.00 | 0.14 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E402601 | 148.20 | 148.70 | 0.0040 | 0.0040 | |
| E402602 | 148.70 | 149.40 | 0.0090 | | |
| E402603 | 149.40 | 150.00 | 0.0290 | | |
| E402604 | 150.00 | 150.90 | 0.0020 | | |
| E402606 | 150.90 | 151.40 | 0.0390 | | |
| E402607 | 151.40 | 152.40 | 0.0030 | | |
| E402608 | 167.80 | 168.80 | 0.0060 | | |

Hole Number: HP14-007

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E402609 | 168.80 | 169.30 | 0.0020 | | |
| E402610 | 169.30 | 170.20 | 0.3950 | | |
| E402611 | 170.20 | 171.00 | 0.2140 | | |
| E402612 | 171.00 | 172.00 | 0.0160 | | |
| E402613 | 172.00 | 172.70 | 0.4040 | | |
| E402615 | 172.70 | 173.30 | 0.0200 | | |
| E402616 | 173.30 | 174.50 | 0.2570 | | |
| E402617 | 174.50 | 175.50 | 0.3760 | | |
| E402618 | 175.50 | 176.60 | 1.1700 | | |
| E402619 | 176.60 | 177.60 | 0.4610 | | |
| E402620 | 177.60 | 178.60 | 0.1270 | | |
| E402621 | 178.60 | 180.00 | 1.4700 | | |
| E402622 | 180.00 | 181.00 | 0.2470 | | |
| E402624 | 181.00 | 182.00 | 0.1490 | | |
| E402625 | 182.00 | 182.90 | 0.8820 | | |
| E402626 | 182.90 | 183.70 | 0.0700 | 0.0810 | |
| E402627 | 183.70 | 184.70 | 0.0270 | | |
| E402628 | 184.70 | 185.40 | 0.0120 | | |
| E402629 | 185.40 | 186.50 | 0.1340 | | |
| E402630 | 186.50 | 187.20 | 0.1800 | | |
| E402631 | 187.20 | 188.30 | 0.3030 | | |
| E402632 | 188.30 | 189.00 | 0.2330 | | |
| E402633 | 189.00 | 190.50 | 0.2400 | | |
| E402634 | 190.50 | 191.40 | 0.2060 | | |
| E402636 | 191.40 | 192.50 | 0.3030 | | |
| E402747 | 192.50 | 193.40 | 2.8200 | | |
| E402637 | 193.40 | 194.30 | 0.0120 | | |
| E402638 | 194.30 | 195.30 | 0.3310 | | |
| E402639 | 195.30 | 195.80 | 0.0040 | | |
| E402640 | 195.80 | 196.80 | 0.3430 | | |
| E402641 | 196.80 | 197.80 | 0.5360 | | |
| E402643 | 197.80 | 198.60 | 0.4100 | | |
| E402644 | 198.60 | 199.30 | 0.6610 | | |
| E402645 | 199.30 | 200.00 | 0.3310 | | |
| E402646 | 200.00 | 200.80 | 0.7690 | | |
| E402647 | 200.80 | 201.80 | 0.3170 | | |
| E402648 | 201.80 | 202.80 | 0.5480 | | |
| E402649 | 202.80 | 203.80 | 0.1460 | 0.1440 | |
| E402650 | 203.80 | 204.30 | 0.4900 | | |

Hole Number: HP14-007

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E402751 | 230.50 | 231.50 | 0.1020 | | |
| E402752 | 231.50 | 232.00 | 0.3770 | | |
| E402754 | 232.00 | 233.00 | 0.4650 | | |
| E402755 | 233.00 | 233.60 | 1.8300 | | |
| E402756 | 233.60 | 234.20 | 0.8760 | | |
| E402757 | 234.20 | 235.20 | 0.8670 | | |
| E402758 | 235.20 | 236.40 | 0.6520 | | |
| E402759 | 236.40 | 236.90 | 0.5210 | | |
| E402760 | 236.90 | 237.90 | 1.0800 | | |
| E402761 | 242.30 | 243.30 | 1.4300 | | |
| E402762 | 243.30 | 243.80 | 0.3480 | | |
| E402763 | 243.80 | 244.30 | 1.9200 | | |
| E402764 | 244.30 | 245.60 | 1.6300 | | |
| E402765 | 245.60 | 246.70 | 5.8500 | | |
| E402767 | 246.70 | 247.40 | 3.1300 | | |
| E402768 | 247.40 | 248.00 | 2.9400 | | |
| E402769 | 248.00 | 248.60 | 3.3400 | | |
| E402770 | 248.60 | 249.90 | 1.8700 | | |
| E402771 | 249.90 | 250.80 | 1.3700 | | |
| E402773 | 250.80 | 251.80 | 0.9250 | | |
| E402774 | 251.80 | 252.80 | 0.7460 | | |
| E402775 | 252.80 | 253.80 | 0.3480 | | |
| E402776 | 253.80 | 255.00 | 1.5300 | | |
| E402777 | 255.00 | 255.70 | 0.8280 | | |
| E402778 | 255.70 | 256.50 | 0.6330 | | |
| E402779 | 256.50 | 258.00 | 1.7600 | | |
| E402780 | 258.00 | 258.80 | 2.1500 | | |
| E402781 | 258.80 | 260.10 | 0.6960 | | |
| E402782 | 260.10 | 261.10 | 3.1900 | | |
| E402784 | 261.10 | 262.10 | 1.0800 | | |
| E402785 | 262.10 | 263.20 | 0.5330 | | |
| E402786 | 263.20 | 264.00 | 0.3740 | | |
| E402787 | 264.00 | 265.00 | 0.2830 | | |
| E402788 | 265.00 | 266.10 | 0.0380 | | |
| E402789 | 266.10 | 267.30 | 0.0150 | | |
| E402790 | 267.30 | 268.10 | 0.0650 | | |
| E402791 | 268.10 | 269.00 | 0.0820 | | |
| E402793 | 269.00 | 270.50 | 0.0830 | | |
| E402794 | 270.50 | 272.00 | 0.0490 | | |

Hole Number: HP14-007

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E402795 | 272.00 | 273.50 | 0.0250 | | |
| E402796 | 273.50 | 275.00 | 0.0540 | | |
| E402797 | 275.00 | 276.50 | 0.0490 | | |
| E402798 | 276.50 | 278.00 | 0.0370 | | |
| E402799 | 278.00 | 279.50 | 0.4020 | | |
| E402800 | 279.50 | 280.20 | 1.5200 | | |
| E402801 | 280.20 | 281.30 | 0.3550 | | |
| E402802 | 281.30 | 282.10 | 1.2900 | | |
| E402803 | 282.10 | 283.00 | 3.2900 | | |
| E402805 | 283.00 | 283.80 | 4.7400 | | |
| E402806 | 283.80 | 284.70 | 1.6900 | | |
| E402807 | 284.70 | 285.50 | 1.2600 | | |
| E402808 | 285.50 | 286.60 | 0.2390 | | |
| E402809 | 286.60 | 287.10 | 1.3600 | | |
| E402810 | 287.10 | 288.10 | 1.4200 | | |
| E402811 | 288.10 | 289.10 | 1.9600 | | |
| E402813 | 289.10 | 289.90 | 4.6200 | | |
| E402814 | 289.90 | 291.20 | 1.5600 | | |
| E402815 | 291.20 | 292.10 | 0.1330 | | |
| E402816 | 292.10 | 293.10 | 0.1390 | | |
| E402817 | 293.10 | 294.10 | 0.1010 | | |
| E402818 | 294.10 | 294.80 | 0.9910 | | |
| E402819 | 294.80 | 296.00 | 0.4490 | | |
| E402820 | 296.00 | 297.00 | 0.3690 | | |
| E402821 | 297.00 | 298.00 | 0.1730 | | |
| E402823 | 298.00 | 299.00 | 0.3620 | | |
| E402824 | 299.00 | 300.00 | 2.5300 | | |
| E402825 | 300.00 | 300.80 | 1.3100 | | |
| E402826 | 300.80 | 301.80 | 4.5100 | | |
| E402827 | 301.80 | 302.30 | 0.0620 | | |
| E402828 | 302.30 | 303.30 | 0.1380 | | |

GRAPHIC SUMMARY REPORT

| | |
|-----|--------|
| | 0 |
| HCO | 4.80 |
| | 4.80 |
| VMV | 48.80 |
| | 48.80 |
| VMX | 64.80 |
| | 64.80 |
| VMO | 163.30 |
| | 163.30 |
| VMX | 173.90 |
| | 173.90 |
| VMO | 188.20 |
| | 188.20 |
| VMX | 213.90 |
| | 213.90 |
| VMO | 307.80 |
| | 307.80 |
| ISO | 309.90 |
| | 309.90 |
| VMO | 315.50 |
| | 315.50 |
| ISO | 323.00 |
| | 323.00 |
| VMO | 346.40 |
| | 346.40 |
| ISO | 359.50 |
| | 359.50 |
| ISO | 416.40 |
| | 416.40 |
| VUO | 507.10 |

| | |
|---|--|
| Hole No: HP14-008 Hole Type: Explor Hole Size: NQ | |
| Location: Hislop Township Core Storage: Hislop | |
| Casing: YES Claim No: L26959/L26963 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC From: 0 To: 507.10 |

| | | | |
|--|---|---|---|
| Azimuth Dec: 190.20 Dip Dec: -54.20 | Collar Survey: <input type="checkbox"/> | Pulse Em Survey: <input type="checkbox"/> | Multi Shot Survey: <input type="checkbox"/> |
| | Making Water: <input type="checkbox"/> | Is Hole Plugged: <input type="checkbox"/> | Is Cemented: <input type="checkbox"/> |

Contractor: Orbit Garant Start Date: Jul 30, 2014 Completed: Aug 10, 2014

Logged By: ssanderson Entered On: Sep 09, 2014

Comments: block error at 42m, has block 45 in it and geologist has adjusted blocks to their correct position.
 block error occured again at 72m adjusting block accordingly.
 Need to adjust the blocks for the whole rest of the whole unless the error was corrected.
 Hole logged by Sam Sanderson up too 215.5m. Rest of hole logged by Courtland Betts.

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371862.000000 | 552568.000000 | 299.0000 | UTM: | | | | |

Amantha McDonald

DETAILED LOG

Hole Number: HP14-008

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|--------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -54.20 |
| Project Number: HISLOP | North: 5371862.00 | North: | Collar Az: 190.20 |
| Location: Hislop Township | East: 552568.00 | East: | Length: 507.10 |
| | Elev: 299.00 | Elev: | Start Depth: 0.00 |
| Date Started: Jul 30, 2014 | Collar Survey: N | Plugged: N | Contractor: Orbit Garant |
| Date Completed: Aug 10, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Hislop |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 507.10 |

Comments: block error at 42m, has block 45 in it and geologist has adjusted blocks to their correct position. block error occurred again at 72m adjusting block accordingly.
 Need to adjust the blocks for the whole rest of the hole unless the error was corrected.
 Hole logged by Sam Sanderson up to 215.5m. Rest of hole logged by Courtland Betts.

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|---------------------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 190.20 | -54.20 | EZ Sho' | OK | used the first test | 27.00 | 190.20 | -54.20 | EZ Sho' | OK | |
| 48.00 | 190.80 | -53.80 | EZ Sho' | OK | | 93.00 | 193.70 | -53.60 | EZ Sho' | OK | |
| 147.00 | 195.10 | -53.20 | EZ Sho' | OK | | 198.00 | 196.40 | -52.60 | EZ Sho' | OK | |
| 246.00 | 196.40 | -52.70 | EZ Sho' | OK | | 297.00 | 196.30 | -52.61 | EZ Sho' | OK | |
| 351.00 | 197.00 | -52.70 | EZ Sho' | OK | | 399.00 | 205.90 | -52.20 | EZ Sho' | OK | |
| 504.00 | 204.90 | -52.90 | EZ Sho' | OK | | | | | | | |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|-------|---|---------------|-------|-------|--------|-----------|------------|-------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 0.00 | 4.80 | HCO, CASING | | | | | | | |
| 4.80 | 48.80 | VMV, MAFIC VOLCANIC VARIOLITIC Grey to reddish grey,. Massive to aphanitic matrix. No apparent foliation. Varioles are subrounded between 0.5 and 1cm in size. Localized cg subrounded qtz clasts. tr to 1% diss sulphide. Some locally strong 2-3% diss sulphide. Both extensional and tension veinlets throughout. Gradational lower contact. Unit contains more breccia fragments going down hole. | E600248 | 18.00 | 19.00 | 1.00 | 0.08 | 0.08 | |
| | | | E600249 | 19.00 | 19.60 | 0.60 | 0.00 | | |
| | | | E600250 | 19.60 | 20.10 | 0.50 | 0.23 | | |
| | | | E600251 | 20.10 | 20.70 | 0.60 | 2.57 | | |
| | | | E600252 | 20.70 | 21.20 | 0.50 | 0.08 | | |
| | | | E600253 | 21.20 | 22.10 | 0.90 | 0.01 | | |
| 48.80 | 64.80 | VMX, MAFIC BRECCIA Dark grey to mauve grey. Massive to aphanitic matrix. Breccia fragments are subrounded have clear defined borders. No apparent foliation. 1-2% diss sulphide. Albite alteration, localized epidote alteration and silicified. MINOR INTERVALS: Minor Interval: 63.70 - 64.10 ISO, SYENITIC INTRUSIVE ISO dyke. | E600254 | 60.10 | 61.10 | 1.00 | 0.21 | | |
| | | | E600256 | 61.10 | 61.60 | 0.50 | 0.17 | | |
| | | | E600257 | 61.60 | 62.10 | 0.50 | 0.11 | | |
| | | | E600258 | 62.10 | 62.70 | 0.60 | 0.37 | | |
| | | | E600259 | 62.70 | 63.20 | 0.50 | 0.32 | | |
| | | | E600260 | 63.20 | 63.70 | 0.50 | 0.29 | | |
| | | | E600261 | 63.70 | 64.20 | 0.50 | 0.26 | | |
| | | | E600262 | 64.20 | 64.80 | 0.60 | 0.54 | | |

DETAILED LOG

Hole Number: HP14-008

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 64.80 | 163.30 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to greenish grey. Massive to aphanitic. No apparent foliation. tr diss sulphides. Extensional and tension veinlets throughout. localized chert, brick red, opaque. 129.1-129.3m, 153.6-155m ISO dykes from 95.8-102 and 138.7m to 147m. Minor hematite alteration. Gradational contact. MINOR INTERVALS: Minor Interval: 106.20 - 107.50 VMX, MAFIC BRECCIA Grey to dark mauve grey. massive. 1-2% diss sulphide. albitic alteration. | E600263 | 64.80 | 65.80 | 1.00 | 0.01 | | |
| | | | E600264 | 104.00 | 105.00 | 1.00 | 0.55 | | |
| | | | E600266 | 105.00 | 105.70 | 0.70 | 0.07 | | |
| | | | E600267 | 105.70 | 106.20 | 0.50 | 1.09 | | |
| | | | E600268 | 106.20 | 106.80 | 0.60 | 0.91 | | |
| | | | E600269 | 106.80 | 107.50 | 0.70 | 0.77 | | |
| | | | E600270 | 107.50 | 108.00 | 0.50 | 0.09 | | |
| | | | E600271 | 108.00 | 109.00 | 1.00 | 0.02 | | |
| | | | E600272 | 162.00 | 163.10 | 1.10 | 0.00 | | |
| | | | E600274 | 163.10 | 163.60 | 0.50 | 0.09 | | |
| 163.30 | 173.90 | VMX, MAFIC BRECCIA Green to grey green. massive to aphanitic. Subrounded to subangular fragments. Predominantly epidote altered. Minor hematite or possible cherty blebs within the unit. 1-2% vfg diss sulphide. Minor chlorite fractures. Moderate qtz veinlets. Gradational contact. | E600275 | 163.60 | 164.30 | 0.70 | 0.33 | | |
| | | | E600276 | 164.30 | 165.10 | 0.80 | 0.32 | | |
| | | | E600277 | 165.10 | 165.70 | 0.60 | 0.03 | | |
| | | | E600278 | 165.70 | 166.50 | 0.80 | 0.01 | | |
| | | | E600279 | 166.50 | 167.00 | 0.50 | 0.01 | | |
| | | | E600280 | 167.00 | 167.50 | 0.50 | 0.00 | | |
| | | | E600281 | 167.50 | 168.80 | 1.30 | 0.02 | 0.02 | |
| | | | E600283 | 168.80 | 170.00 | 1.20 | 0.08 | | |
| | | | E600284 | 170.00 | 171.50 | 1.50 | 0.02 | | |
| | | | E600285 | 171.50 | 172.00 | 0.50 | 0.11 | | |
| | | | E600286 | 172.00 | 173.00 | 1.00 | 0.09 | | |
| | | | E600287 | 173.00 | 173.90 | 0.90 | 0.11 | | |
| 173.90 | 188.20 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to dark grey. Massive to aphanitic. No apparent foliation. Minor brecciated fragments within the unit. Minor extensional veins at 50 TCA. 1% diss sulphide. Fracture filling as well as disseminated. | E600288 | 173.90 | 174.40 | 0.50 | 0.07 | | |
| | | | E600289 | 174.40 | 175.00 | 0.60 | 0.09 | | |
| | | | E600290 | 175.00 | 176.00 | 1.00 | 0.10 | | |
| | | | E600292 | 186.70 | 187.70 | 1.00 | 0.04 | | |
| | | | E600293 | 187.70 | 188.20 | 0.50 | 0.00 | | |

DETAILED LOG

Hole Number: HP14-008

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 188.20 | 213.90 | VMX, MAFIC BRECCIA Grey to mauve grey. Massive to aphanitic. No apparent foliation. Moderate to locally strong chlorite fractures. Where fractures are strong they are filled with fg diss py. Moderate amount of varioles throughout. ISO dykes. MINOR INTERVALS: Minor Interval: 201.25 - 202.30 ISO, SYENITIC INTRUSIVE Minor Interval: 212.90 - 213.50 ISO, SYENITIC INTRUSIVE Syenite dyke. | E600294 | 188.20 | 189.10 | 0.90 | 0.03 | | |
| | | | E600295 | 189.10 | 190.30 | 1.20 | 0.09 | | |
| | | | E600296 | 190.30 | 192.00 | 1.70 | 0.05 | | |
| | | | E600297 | 192.00 | 192.70 | 0.70 | 0.05 | | |
| | | | E600298 | 192.70 | 193.50 | 0.80 | 0.05 | 0.05 | |
| | | | E600299 | 193.50 | 194.40 | 0.90 | 0.03 | | |
| | | | E600301 | 194.40 | 195.00 | 0.60 | 0.00 | | |
| | | | E600302 | 195.00 | 196.00 | 1.00 | 0.00 | | |
| | | | E600303 | 196.00 | 197.50 | 1.50 | 0.00 | | |
| | | | E600304 | 197.50 | 199.00 | 1.50 | 0.00 | | |
| | | | E600305 | 199.00 | 199.70 | 0.70 | 0.00 | | |
| | | | E600306 | 199.70 | 200.70 | 1.00 | 0.11 | | |
| | | | E600307 | 200.70 | 201.20 | 0.50 | 0.10 | | |
| | | | E600308 | 201.20 | 202.30 | 1.10 | 0.52 | | |
| | | | E600310 | 202.30 | 203.80 | 1.50 | 0.50 | | |
| | | | E600311 | 203.80 | 205.00 | 1.20 | 0.03 | | |
| | | | E600312 | 205.00 | 206.20 | 1.20 | 0.01 | | |
| | | | E600313 | 206.20 | 207.30 | 1.10 | 0.00 | | |
| | | | E600314 | 207.30 | 208.30 | 1.00 | 0.01 | 0.00 | |
| | | | E600315 | 208.30 | 209.30 | 1.00 | 0.13 | | |
| | | | E600316 | 209.30 | 210.00 | 0.70 | 0.00 | | |
| | | | E600317 | 210.00 | 211.00 | 1.00 | 0.23 | | |
| | | | E600319 | 211.00 | 212.00 | 1.00 | 0.02 | | |
| | | | E600320 | 212.00 | 212.80 | 0.80 | 0.03 | | |
| | | | E600321 | 212.80 | 213.40 | 0.60 | 0.03 | | |
| | | | E600322 | 213.40 | 213.90 | 0.50 | 0.01 | | |

DETAILED LOG

Hole Number: HP14-008

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 213.90 | 307.80 | VMO, MAFIC VOLCANIC UNDIVIDED Grey to dark grey. Massive to aphanitic. No apparent foliation. Moderate qtz-carb stringers throughout. Some stringers are yellowish green, possibly replaced by epidote. Minor varioles. Minor ISO dykes. Trace disseminated sulphides with sections up too 5-7% disseminated pyrite MINOR INTERVALS: Minor Interval: 265.00 - 307.80 ISO, SYENITIC INTRUSIVE Minor hematite altered Syenitic intrusives throughout interval | E600323 | 213.90 | 214.50 | 0.60 | 0.01 | | |
| | | | E600324 | 214.50 | 215.60 | 1.10 | 0.14 | | |
| | | | E600325 | 270.00 | 271.00 | 1.00 | 0.12 | | |
| | | | E600327 | 277.00 | 278.00 | 1.00 | 0.18 | | |
| | | | E600328 | 278.00 | 279.00 | 1.00 | 0.01 | | |
| | | | E600329 | 279.00 | 280.40 | 1.40 | 0.05 | | |
| | | | E600330 | 280.40 | 281.10 | 0.70 | 0.62 | | |
| | | | E600331 | 281.10 | 282.00 | 0.90 | 0.53 | | |
| | | | E600332 | 282.00 | 282.60 | 0.60 | 0.19 | | |
| | | | E600333 | 282.60 | 283.30 | 0.70 | 2.49 | | |
| | | | E600334 | 283.30 | 284.70 | 1.40 | 3.14 | | |
| | | | E600335 | 284.70 | 285.80 | 1.10 | 2.28 | | |
| | | | E600337 | 285.80 | 286.90 | 1.10 | 0.16 | | |
| | | | E600338 | 286.90 | 287.70 | 0.80 | 0.09 | | |
| | | | E600339 | 287.70 | 288.90 | 1.20 | 0.05 | | |
| | | | E600340 | 288.90 | 290.20 | 1.30 | 0.07 | | |
| | | | E600341 | 290.20 | 290.80 | 0.60 | 0.11 | | |
| | | | E600342 | 290.80 | 291.30 | 0.50 | 0.48 | | |
| | | | E600343 | 291.30 | 292.40 | 1.10 | 0.84 | | |
| | | | E600344 | 292.40 | 293.30 | 0.90 | 0.07 | | |
| | | | E600346 | 293.30 | 294.00 | 0.70 | 0.05 | | |
| | | | E600347 | 294.00 | 294.80 | 0.80 | 0.10 | | |
| | | | E600348 | 294.80 | 295.70 | 0.90 | 0.98 | 0.99 | |
| | | | E600349 | 295.70 | 297.00 | 1.30 | 0.17 | | |
| | | | E600350 | 297.00 | 298.50 | 1.50 | 0.13 | | |
| | | | E600401 | 298.50 | 300.00 | 1.50 | 0.09 | 0.08 | |
| | | | E600402 | 300.00 | 301.50 | 1.50 | 0.09 | | |
| | | | E600403 | 301.50 | 302.90 | 1.40 | 0.04 | | |
| | | | E600404 | 302.90 | 303.90 | 1.00 | 0.14 | | |
| | | | E600406 | 303.90 | 304.60 | 0.70 | 0.18 | | |
| | | | E600407 | 304.60 | 305.50 | 0.90 | 0.14 | | |
| | | | E600408 | 305.50 | 306.90 | 1.40 | 0.75 | | |
| | | | E600409 | 306.90 | 307.80 | 0.90 | 0.83 | | |
| 307.80 | 309.90 | ISO, SYENITIC INTRUSIVE Reddish brown to purple medium grained syenite. Moderate oervasive chlorite, moderate patchy hematite and weak pervasive epidote alteration. weak Quartz carbonate stringers throughout. 0.5-1% blebby pyrite. | E600410 | 307.80 | 309.00 | 1.20 | 0.13 | | |
| | | | E600411 | 309.00 | 309.90 | 0.90 | 0.16 | | |
| 309.90 | 315.50 | VMO, MAFIC VOLCANIC UNDIVIDED As VMO above from 213.9-307.8m, with Local sections of brecciation | E600412 | 309.90 | 311.10 | 1.20 | 0.21 | | |
| | | | E600413 | 311.10 | 312.50 | 1.40 | 0.10 | | |
| | | | E600414 | 312.50 | 313.80 | 1.30 | 0.06 | | |
| | | | E600416 | 313.80 | 314.90 | 1.10 | 0.08 | | |
| | | | E600417 | 314.90 | 315.50 | 0.60 | 0.12 | 0.12 | |

Hole Number: HP14-008

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 315.50 | 323.00 | ISO, SYENITIC INTRUSIVE Reddish brown to purple and green syenite. Weak pervasive hematite with moderate patchy chlorite alteration. WEak carbonate stringers throughout and trace pyrite. | E600418 | 315.50 | 316.40 | 0.90 | 0.15 | | |
| | | | E600419 | 316.40 | 317.90 | 1.50 | 0.51 | | |
| | | | E600420 | 317.90 | 318.60 | 0.70 | 2.69 | | |
| | | | E600421 | 318.60 | 319.00 | 0.40 | 0.29 | | |
| 323.00 | 346.40 | VMO, MAFIC VOLCANIC UNDIVIDED Dark greenish grey to red to light green aphanitic to fine grained mafic volcanic with local brecciation and minor syenitic intrusives throughout. Moderate patches of pervasive hematite alteration within syenitic intrusives with weak pervasive sericite. moderate pervasive chlorite throughout mafics. Moderate mm scale carbonate stringers and veinlets occur throughout at variable angles TCA. 0.5% very fine grained blebby pyrite with sections up to 3-5Y disseminated pyrite. MINOR INTERVALS: Minor Interval: 323.00 - 346.40 ISO, SYENITIC INTRUSIVE Sections of hematite and sericite altered syenitic intrusives, dark reddish brown to green in colour throughout unit, ranging in size from 20 cm to 1 m | E600422 | 323.00 | 324.00 | 1.00 | 0.12 | | |
| | | | E600423 | 324.00 | 324.90 | 0.90 | 0.14 | | |
| | | | E600424 | 330.00 | 330.80 | 0.80 | 0.03 | | |
| | | | E600426 | 330.80 | 331.30 | 0.50 | 0.58 | | |
| | | | E600427 | 331.30 | 332.10 | 0.80 | 0.88 | | |
| | | | E600428 | 332.10 | 333.00 | 0.90 | 0.05 | | |
| | | | E600429 | 333.00 | 334.50 | 1.50 | 0.26 | | |
| | | | E600430 | 334.50 | 335.30 | 0.80 | 0.28 | | |
| | | | E600431 | 335.30 | 336.00 | 0.70 | 0.83 | | |
| | | | E600432 | 336.00 | 337.50 | 1.50 | 0.20 | | |
| | | | E600433 | 337.50 | 339.00 | 1.50 | 0.24 | | |
| | | | E600434 | 339.00 | 340.50 | 1.50 | 0.30 | | |
| | | | E600436 | 340.50 | 341.00 | 0.50 | 0.14 | 0.14 | |
| | | | E600437 | 341.00 | 342.00 | 1.00 | 1.05 | | |
| | | | E600438 | 342.00 | 343.50 | 1.50 | 0.06 | | |
| | | | E600439 | 343.50 | 345.00 | 1.50 | 0.30 | | |
| | | | E600440 | 345.00 | 346.40 | 1.40 | 0.52 | | |
| 346.40 | 359.50 | ISO, SYENITIC INTRUSIVE Dark reddish brown to dark and light green syenitic intrusive with minor sections of mafic volcanics. Moderate pervasive hematite and epidote alteration occur throughout. WEak mm scale quartz carbonate stringers and veinlets occur throughout at variable angles TCA. Trace-0.5% very fine grained blebby pyrite found locally. MINOR INTERVALS: Minor Interval: 355.00 - 359.50 VMO, MAFIC VOLCANIC UNDIVIDED Minor sections of mafic intrusives with moderate patchy chlorite alteration. little to no change in sulphides, slight increase in stringers. | | | | | | | |

Hole Number: HP14-008

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|------------|-------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
| 359.50 | 416.40 | ISO, SYENITIC INTRUSIVE Dark purple to light green and grey medium to coarse grained syenite. Syenite becomes coarser grained down unit. Strong pervasive silicification throughout with moderate patchy hematite and strong patches of epidote and Albite?/bleaching. weak quartz carbonate stringers occur throughout at variable angles TCA with very few veinlets. 0.5-1% very fine rgained blebby pyrite locally. | E600441 | 394.60 | 396.00 | 1.40 | 0.11 | | |
| | | | E600442 | 396.00 | 396.70 | 0.70 | 0.04 | | |
| | | | E600443 | 396.70 | 397.50 | 0.80 | 0.11 | | |
| | | | E600444 | 397.50 | 399.00 | 1.50 | 0.36 | | |
| | | | E600446 | 399.00 | 399.70 | 0.70 | 0.29 | | |
| | | | E600447 | 399.70 | 400.50 | 0.80 | 0.15 | | |
| | | | E600448 | 400.50 | 402.00 | 1.50 | 0.25 | | |
| | | | E600449 | 402.00 | 402.50 | 0.50 | 0.11 | | |
| | | | E600450 | 402.50 | 403.50 | 1.00 | 0.91 | | |
| | | | E600451 | 403.50 | 405.00 | 1.50 | 1.71 | | |
| | | | E600452 | 405.00 | 406.50 | 1.50 | 0.25 | | |
| | | | E600453 | 406.50 | 408.00 | 1.50 | 0.29 | | |
| | | | E600454 | 408.00 | 409.50 | 1.50 | 0.39 | | |
| | | | E600456 | 409.50 | 411.00 | 1.50 | 0.54 | | |
| | | | E600457 | 411.00 | 412.50 | 1.50 | 0.48 | | |
| | | | E600458 | 412.50 | 414.00 | 1.50 | 0.43 | | |
| | | | E600459 | 414.00 | 414.70 | 0.70 | 0.55 | | |
| | | | E600460 | 414.70 | 415.80 | 1.10 | 1.73 | | |
| | | | E600461 | 415.80 | 416.40 | 0.60 | 0.32 | | |
| 416.40 | 507.10 | VUO, ULTRAMAFIC VOLCANIC Very dark grey with bluish sections and patchy white moderately magnetic slightly brecciated ultramafic volcanic. Minor mafic intrusive within ultramafic unit. Unit is moderately and pervasively chloritized with weak pervasive talc alteration throughout. Blue colouration possibly due to glaucophane? Moderate mm-1cm scale Quartz carbonate stringers and veinlets, some brecciated. 0.5% very fin egrained blebby pyrite locally throughout. MINOR INTERVALS: Minor Interval: 430.80 - 432.70 IMO, MAFIC INTUSIVE Dark green mafic intrusive. | E600462 | 416.40 | 417.70 | 1.30 | 0.14 | | |
| | | | E600463 | 417.70 | 418.50 | 0.80 | 0.06 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|-------|-------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600248 | 18.00 | 19.00 | 0.0830 | 0.0830 | |
| E600249 | 19.00 | 19.60 | 0.0005 | | |
| E600250 | 19.60 | 20.10 | 0.2300 | | |
| E600251 | 20.10 | 20.70 | 2.5700 | | |
| E600252 | 20.70 | 21.20 | 0.0810 | | |
| E600253 | 21.20 | 22.10 | 0.0110 | | |
| E600254 | 60.10 | 61.10 | 0.2080 | | |
| E600256 | 61.10 | 61.60 | 0.1740 | | |

Hole Number: HP14-008

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600257 | 61.60 | 62.10 | 0.1060 | | |
| E600258 | 62.10 | 62.70 | 0.3720 | | |
| E600259 | 62.70 | 63.20 | 0.3220 | | |
| E600260 | 63.20 | 63.70 | 0.2920 | | |
| E600261 | 63.70 | 64.20 | 0.2600 | | |
| E600262 | 64.20 | 64.80 | 0.5350 | | |
| E600263 | 64.80 | 65.80 | 0.0120 | | |
| E600264 | 104.00 | 105.00 | 0.5520 | | |
| E600266 | 105.00 | 105.70 | 0.0650 | | |
| E600267 | 105.70 | 106.20 | 1.0900 | | |
| E600268 | 106.20 | 106.80 | 0.9080 | | |
| E600269 | 106.80 | 107.50 | 0.7740 | | |
| E600270 | 107.50 | 108.00 | 0.0940 | | |
| E600271 | 108.00 | 109.00 | 0.0190 | | |
| E600272 | 162.00 | 163.10 | 0.0010 | | |
| E600274 | 163.10 | 163.60 | 0.0940 | | |
| E600275 | 163.60 | 164.30 | 0.3250 | | |
| E600276 | 164.30 | 165.10 | 0.3200 | | |
| E600277 | 165.10 | 165.70 | 0.0320 | | |
| E600278 | 165.70 | 166.50 | 0.0110 | | |
| E600279 | 166.50 | 167.00 | 0.0050 | | |
| E600280 | 167.00 | 167.50 | 0.0005 | | |
| E600281 | 167.50 | 168.80 | 0.0230 | 0.0210 | |
| E600283 | 168.80 | 170.00 | 0.0820 | | |
| E600284 | 170.00 | 171.50 | 0.0150 | | |
| E600285 | 171.50 | 172.00 | 0.1060 | | |
| E600286 | 172.00 | 173.00 | 0.0850 | | |
| E600287 | 173.00 | 173.90 | 0.1070 | | |
| E600288 | 173.90 | 174.40 | 0.0720 | | |
| E600289 | 174.40 | 175.00 | 0.0940 | | |
| E600290 | 175.00 | 176.00 | 0.1010 | | |
| E600292 | 186.70 | 187.70 | 0.0440 | | |
| E600293 | 187.70 | 188.20 | 0.0030 | | |
| E600294 | 188.20 | 189.10 | 0.0260 | | |
| E600295 | 189.10 | 190.30 | 0.0880 | | |
| E600296 | 190.30 | 192.00 | 0.0460 | | |
| E600297 | 192.00 | 192.70 | 0.0530 | | |
| E600298 | 192.70 | 193.50 | 0.0490 | 0.0460 | |
| E600299 | 193.50 | 194.40 | 0.0260 | | |

Hole Number: HP14-008

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600301 | 194.40 | 195.00 | 0.0040 | | |
| E600302 | 195.00 | 196.00 | 0.0005 | | |
| E600303 | 196.00 | 197.50 | 0.0005 | | |
| E600304 | 197.50 | 199.00 | 0.0005 | | |
| E600305 | 199.00 | 199.70 | 0.0040 | | |
| E600306 | 199.70 | 200.70 | 0.1120 | | |
| E600307 | 200.70 | 201.20 | 0.1020 | | |
| E600308 | 201.20 | 202.30 | 0.5190 | | |
| E600310 | 202.30 | 203.80 | 0.4980 | | |
| E600311 | 203.80 | 205.00 | 0.0270 | | |
| E600312 | 205.00 | 206.20 | 0.0070 | | |
| E600313 | 206.20 | 207.30 | 0.0005 | | |
| E600314 | 207.30 | 208.30 | 0.0070 | 0.0005 | |
| E600315 | 208.30 | 209.30 | 0.1270 | | |
| E600316 | 209.30 | 210.00 | 0.0020 | | |
| E600317 | 210.00 | 211.00 | 0.2260 | | |
| E600319 | 211.00 | 212.00 | 0.0150 | | |
| E600320 | 212.00 | 212.80 | 0.0320 | | |
| E600321 | 212.80 | 213.40 | 0.0250 | | |
| E600322 | 213.40 | 213.90 | 0.0060 | | |
| E600323 | 213.90 | 214.50 | 0.0070 | | |
| E600324 | 214.50 | 215.60 | 0.1350 | | |
| E600325 | 270.00 | 271.00 | 0.1240 | | |
| E600327 | 277.00 | 278.00 | 0.1780 | | |
| E600328 | 278.00 | 279.00 | 0.0060 | | |
| E600329 | 279.00 | 280.40 | 0.0490 | | |
| E600330 | 280.40 | 281.10 | 0.6210 | | |
| E600331 | 281.10 | 282.00 | 0.5320 | | |
| E600332 | 282.00 | 282.60 | 0.1860 | | |
| E600333 | 282.60 | 283.30 | 2.4900 | | |
| E600334 | 283.30 | 284.70 | 3.1400 | | |
| E600335 | 284.70 | 285.80 | 2.2800 | | |
| E600337 | 285.80 | 286.90 | 0.1560 | | |
| E600338 | 286.90 | 287.70 | 0.0910 | | |
| E600339 | 287.70 | 288.90 | 0.0450 | | |
| E600340 | 288.90 | 290.20 | 0.0670 | | |
| E600341 | 290.20 | 290.80 | 0.1080 | | |
| E600342 | 290.80 | 291.30 | 0.4810 | | |
| E600343 | 291.30 | 292.40 | 0.8410 | | |

Hole Number: HP14-008

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600344 | 292.40 | 293.30 | 0.0700 | | |
| E600346 | 293.30 | 294.00 | 0.0530 | | |
| E600347 | 294.00 | 294.80 | 0.0980 | | |
| E600348 | 294.80 | 295.70 | 0.9790 | 0.9870 | |
| E600349 | 295.70 | 297.00 | 0.1740 | | |
| E600350 | 297.00 | 298.50 | 0.1290 | | |
| E600401 | 298.50 | 300.00 | 0.0850 | 0.0790 | |
| E600402 | 300.00 | 301.50 | 0.0920 | | |
| E600403 | 301.50 | 302.90 | 0.0430 | | |
| E600404 | 302.90 | 303.90 | 0.1380 | | |
| E600406 | 303.90 | 304.60 | 0.1830 | | |
| E600407 | 304.60 | 305.50 | 0.1420 | | |
| E600408 | 305.50 | 306.90 | 0.7470 | | |
| E600409 | 306.90 | 307.80 | 0.8280 | | |
| E600410 | 307.80 | 309.00 | 0.1300 | | |
| E600411 | 309.00 | 309.90 | 0.1630 | | |
| E600412 | 309.90 | 311.10 | 0.2090 | | |
| E600413 | 311.10 | 312.50 | 0.0980 | | |
| E600414 | 312.50 | 313.80 | 0.0600 | | |
| E600416 | 313.80 | 314.90 | 0.0820 | | |
| E600417 | 314.90 | 315.50 | 0.1210 | 0.1180 | |
| E600418 | 315.50 | 316.40 | 0.1490 | | |
| E600419 | 316.40 | 317.90 | 0.5120 | | |
| E600420 | 317.90 | 318.60 | 2.6900 | | |
| E600421 | 318.60 | 319.00 | 0.2850 | | |
| E600422 | 323.00 | 324.00 | 0.1200 | | |
| E600423 | 324.00 | 324.90 | 0.1360 | | |
| E600424 | 330.00 | 330.80 | 0.0340 | | |
| E600426 | 330.80 | 331.30 | 0.5840 | | |
| E600427 | 331.30 | 332.10 | 0.8790 | | |
| E600428 | 332.10 | 333.00 | 0.0460 | | |
| E600429 | 333.00 | 334.50 | 0.2550 | | |
| E600430 | 334.50 | 335.30 | 0.2830 | | |
| E600431 | 335.30 | 336.00 | 0.8280 | | |
| E600432 | 336.00 | 337.50 | 0.1960 | | |
| E600433 | 337.50 | 339.00 | 0.2360 | | |
| E600434 | 339.00 | 340.50 | 0.2980 | | |
| E600436 | 340.50 | 341.00 | 0.1370 | 0.1420 | |
| E600437 | 341.00 | 342.00 | 1.0500 | | |

Hole Number: HP14-008

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_DUP | Au_Gpt_GRAV |
|---------------|--------|--------|-----------|------------|-------------|
| Sample Type | ASSAY | | | | |
| E600438 | 342.00 | 343.50 | 0.0630 | | |
| E600439 | 343.50 | 345.00 | 0.3020 | | |
| E600440 | 345.00 | 346.40 | 0.5190 | | |
| E600441 | 394.60 | 396.00 | 0.1130 | | |
| E600442 | 396.00 | 396.70 | 0.0440 | | |
| E600443 | 396.70 | 397.50 | 0.1110 | | |
| E600444 | 397.50 | 399.00 | 0.3640 | | |
| E600446 | 399.00 | 399.70 | 0.2880 | | |
| E600447 | 399.70 | 400.50 | 0.1500 | | |
| E600448 | 400.50 | 402.00 | 0.2480 | | |
| E600449 | 402.00 | 402.50 | 0.1060 | | |
| E600450 | 402.50 | 403.50 | 0.9090 | | |
| E600451 | 403.50 | 405.00 | 1.7100 | | |
| E600452 | 405.00 | 406.50 | 0.2450 | | |
| E600453 | 406.50 | 408.00 | 0.2880 | | |
| E600454 | 408.00 | 409.50 | 0.3890 | | |
| E600456 | 409.50 | 411.00 | 0.5430 | | |
| E600457 | 411.00 | 412.50 | 0.4810 | | |
| E600458 | 412.50 | 414.00 | 0.4340 | | |
| E600459 | 414.00 | 414.70 | 0.5490 | | |
| E600460 | 414.70 | 415.80 | 1.7300 | | |
| E600461 | 415.80 | 416.40 | 0.3160 | | |
| E600462 | 416.40 | 417.70 | 0.1350 | | |
| E600463 | 417.70 | 418.50 | 0.0550 | | |

| | | |
|--|-----|--------|
| | HPO | 0 |
| | | 35.00 |
| | VMM | 35.00 |
| | | 114.70 |
| | VGO | 114.70 |
| | | 248.20 |
| | VMP | 248.20 |
| | | 252.00 |

Hole No: HS14-001 Hole Type: DDH Hole Size: NQ
Location: Hislop Township Core Storage: Exploration
Casing: YES Claim No: L24712
Unit of Degree: DECIMAL Unit of Measure: METRIC From: 0 To: 252.00

Azimuth Dec: 213.00 Dip Dec: -45.00
Collar Survey: Pulse Em Survey: Multi Shot Survey:
Making Water: Is Hole Plugged: Is Cemented:

Contractor: Garant Start Date: Apr 20, 2014 Completed: Apr 30, 2014
Logged By: bhua Entered On: Apr 23, 2014
Comments:

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371150.000000 | 551780.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: HS14-001

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -45.00 |
| Project Number: HISLOP | North: 5371150.00 | North: | Collar Az: 213.00 |
| Location: Hislop Township | East: 551780.00 | East: | Length: 252.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Apr 20, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: Apr 30, 2014 | Multishot Survey: N | Hole Size: NQ | Final Depth: 252.00 |
| | Pulse EM Survey: N | Casing: YES | Core Storage: Exploration |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 213.00 | -45.00 | EZ Sho | OK | Planned Collar | 57.00 | 213.00 | -45.50 | EZ Sho | OK | |
| 102.00 | 215.20 | -44.40 | EZ Sho | OK | | 150.00 | 215.90 | -43.90 | EZ Sho | OK | |
| 201.00 | 215.70 | -43.90 | EZ Sho | OK | | 252.00 | 216.00 | -43.20 | EZ Sho | OK | |

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|-------|--|---------------|------|----|--------|-----------|-------------|------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
| 0.00 | 35.00 | HPO, OVERBURDEN OVERBURDEN - 35m of casing used. | | | | | | | |

Hole Number: HS14-001

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|---|---------------|--------|--------|--------|-----------|-------------|------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
| 35.00 | 114.70 | VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC ROCK - Rock is green. Fine grained. Pillow selvages and amygdules present at depth. Upper portion highly rubbly. Trace sulphides, but increased sulphides in CAR veinlets at depth. SER alteration present around CAR fractures. Dominantly CAR altered rock. CAR veining with localized brecciation present at depth in moderate frequency. Rock is soft with no magnetism. | E5700353 | 75.00 | 75.90 | 0.90 | 0.01 | | |
| | | | E5700354 | 75.90 | 76.20 | 0.30 | 0.93 | | |
| | | | E5700355 | 76.20 | 77.70 | 1.50 | 0.06 | | |
| | | | E5700356 | 77.70 | 79.30 | 1.60 | 0.06 | | |
| | | | E5700358 | 79.30 | 79.70 | 0.40 | 0.04 | | |
| | | | E5700359 | 79.70 | 81.00 | 1.30 | 0.07 | | |
| | | | E5700360 | 81.00 | 82.40 | 1.40 | 0.12 | | |
| | | | E5700361 | 82.40 | 82.70 | 0.30 | 0.50 | | |
| | | | E5700362 | 82.70 | 84.00 | 1.30 | 0.07 | | |
| | | | E5700363 | 84.00 | 85.50 | 1.50 | 0.00 | | |
| | | | E5700364 | 85.50 | 87.00 | 1.50 | 0.00 | | |
| | | | E5700365 | 87.00 | 88.50 | 1.50 | 0.00 | | 0.00 |
| | | | E5700366 | 88.50 | 90.00 | 1.50 | 0.00 | | |
| | | | E5700367 | 90.00 | 91.00 | 1.00 | 0.00 | | |
| | | | E5700369 | 91.00 | 91.80 | 0.80 | 0.02 | | |
| | | | E5700370 | 91.80 | 93.20 | 1.40 | 0.03 | | |
| | | | E5700371 | 93.20 | 93.50 | 0.30 | 0.15 | | |
| | | | E5700372 | 93.50 | 94.70 | 1.20 | 0.01 | | |
| | | | E5700373 | 94.70 | 96.00 | 1.30 | 0.24 | | |
| | | | E5700374 | 96.00 | 97.00 | 1.00 | 0.04 | | |
| | | | E5700375 | 97.00 | 98.00 | 1.00 | 0.22 | | |
| | | | E5700376 | 98.00 | 99.00 | 1.00 | 0.18 | | |
| | | | E5700377 | 99.00 | 100.00 | 1.00 | 0.38 | | |
| | | | E5700379 | 100.00 | 100.70 | 0.70 | 0.20 | | |
| | | | E5700380 | 100.70 | 102.00 | 1.30 | 0.54 | | |
| | | | E5700381 | 102.00 | 102.60 | 0.60 | 0.11 | | |
| | | | E5700382 | 102.60 | 103.40 | 0.80 | 10.00 | 10.20 | 8.45 |
| | | | E5700383 | 103.40 | 104.50 | 1.10 | 5.98 | | |
| | | | E5700384 | 104.50 | 105.00 | 0.50 | 0.97 | | |
| | | | E5700385 | 105.00 | 106.10 | 1.10 | 2.45 | | |
| | | | E5700386 | 106.10 | 106.50 | 0.40 | 1.01 | | |
| | | | E5700388 | 106.50 | 108.00 | 1.50 | 0.08 | | |
| | | | E5700407 | 108.00 | 109.30 | 1.30 | 0.05 | | 0.14 |
| | | | E5700408 | 109.30 | 110.70 | 1.40 | 0.03 | | |
| | | | E5700409 | 110.70 | 112.00 | 1.30 | 0.05 | | |
| | | | E5700410 | 112.00 | 113.40 | 1.40 | 0.01 | | |
| | | | E5700411 | 113.40 | 114.70 | 1.30 | 0.03 | | |
| 114.70 | 248.20 | VGO, GABBRO MAFIC GABBRO - Rock is green. Amphibole phenocrysts up to 2mm in diameter. Moderate disseminated LCX. Trace PY but can be locally up to 3% in veins and fracture controlled over 20cm intervals. Low frequency of CAR/QZ veins. Rock is soft with patchy moderate magnetism. | E5700412 | 114.70 | 115.50 | 0.80 | 1.24 | | |
| | | | E5700414 | 115.50 | 116.20 | 0.70 | 0.07 | | |
| | | | E5700415 | 116.20 | 117.50 | 1.30 | 0.03 | | |
| | | | E5700416 | 117.50 | 118.40 | 0.90 | 0.07 | | |

DETAILED LOG

Hole Number: HS14-001

Units: METRIC

| Detailed Lithology | | Assay Data | | | | | | | |
|--------------------|--------|--|---------------|------|----|--------|-----------|-------------|------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
| 248.20 | 252.00 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW - Rock similar to VMM above, but pillow selvages are present. | | | | | | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
|---------------|--------|--------|-----------|-------------|------------|
| Sample Type | ASSAY | | | | |
| E5700353 | 75.00 | 75.90 | 0.0070 | | |
| E5700354 | 75.90 | 76.20 | 0.9330 | | |
| E5700355 | 76.20 | 77.70 | 0.0590 | | |
| E5700356 | 77.70 | 79.30 | 0.0560 | | |
| E5700358 | 79.30 | 79.70 | 0.0410 | | |
| E5700359 | 79.70 | 81.00 | 0.0720 | | |
| E5700360 | 81.00 | 82.40 | 0.1190 | | |
| E5700361 | 82.40 | 82.70 | 0.4970 | | |
| E5700362 | 82.70 | 84.00 | 0.0740 | | |
| E5700363 | 84.00 | 85.50 | 0.0040 | | |
| E5700364 | 85.50 | 87.00 | 0.0040 | | |
| E5700365 | 87.00 | 88.50 | 0.0030 | | 0.0030 |
| E5700366 | 88.50 | 90.00 | 0.0010 | | |
| E5700367 | 90.00 | 91.00 | 0.0020 | | |
| E5700369 | 91.00 | 91.80 | 0.0180 | | |
| E5700370 | 91.80 | 93.20 | 0.0330 | | |
| E5700371 | 93.20 | 93.50 | 0.1530 | | |
| E5700372 | 93.50 | 94.70 | 0.0070 | | |
| E5700373 | 94.70 | 96.00 | 0.2360 | | |
| E5700374 | 96.00 | 97.00 | 0.0410 | | |
| E5700375 | 97.00 | 98.00 | 0.2160 | | |
| E5700376 | 98.00 | 99.00 | 0.1830 | | |
| E5700377 | 99.00 | 100.00 | 0.3820 | | |
| E5700379 | 100.00 | 100.70 | 0.2010 | | |
| E5700380 | 100.70 | 102.00 | 0.5440 | | |
| E5700381 | 102.00 | 102.60 | 0.1080 | | |
| E5700382 | 102.60 | 103.40 | 10.0000 | 10.2000 | 8.4500 |
| E5700383 | 103.40 | 104.50 | 5.9800 | | |
| E5700384 | 104.50 | 105.00 | 0.9680 | | |
| E5700385 | 105.00 | 106.10 | 2.4500 | | |
| E5700386 | 106.10 | 106.50 | 1.0100 | | |
| E5700388 | 106.50 | 108.00 | 0.0830 | | |
| E5700407 | 108.00 | 109.30 | 0.0450 | | 0.1400 |

Hole Number: HS14-001

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
|---------------|--------|--------|-----------|-------------|------------|
| Sample Type | ASSAY | | | | |
| E5700408 | 109.30 | 110.70 | 0.0280 | | |
| E5700409 | 110.70 | 112.00 | 0.0450 | | |
| E5700410 | 112.00 | 113.40 | 0.0140 | | |
| E5700411 | 113.40 | 114.70 | 0.0320 | | |
| E5700412 | 114.70 | 115.50 | 1.2400 | | |
| E5700414 | 115.50 | 116.20 | 0.0690 | | |
| E5700415 | 116.20 | 117.50 | 0.0320 | | |
| E5700416 | 117.50 | 118.40 | 0.0670 | | |

| | |
|-----|--------|
| HPO | 0 |
| | 31.50 |
| VGO | 31.50 |
| | 109.40 |
| VMP | 109.40 |
| | 198.00 |

| | | |
|---------------------------|---------------------------|--------------------|
| Hole No: HS14-002 | Hole Type: Explor | Hole Size: NQ |
| Location: Hislop Township | Core Storage: Exploration | |
| Casing: YES | Claim No: L24712 | |
| Unit of Degree: DECIMAL | Unit of Measure: METRIC | From: 0 To: 198.00 |

| | | |
|---------------------|-----------------|---|
| Azimuth Dec: 213.00 | Dip Dec: -55.00 | Collar Survey: <input type="checkbox"/> |
| | | Pulse Em Survey: <input type="checkbox"/> |
| | | Multi Shot Survey: <input type="checkbox"/> |
| | | Making Water: <input type="checkbox"/> |
| | | Is Hole Plugged: <input type="checkbox"/> |
| | | Is Cemented: <input type="checkbox"/> |

| | | |
|--------------------|--------------------------|-------------------------|
| Contractor: Garant | Start Date: Apr 30, 2014 | Completed: May 03, 2014 |
| Logged By: bhua | Entered On: May 04, 2014 | |
| Comments: | | |

Coordinates

| Coord Type | Grid Type | NS Dec | EW Dec | Elevation | Destination Grid | NS Dec Calc | EW Dec Calc | Elevation Calc | Comments |
|------------|------------|----------------|---------------|-----------|------------------|-------------|-------------|----------------|----------|
| P | UTM:NAD83: | 5371150.000000 | 551780.000000 | 300.0000 | UTM: | | | | |

DETAILED LOG

Hole Number: HS14-002

Units: METRIC

| | | | |
|------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Project Name: HISLOP | Primary Coordinates Grid: UTM:NAD83: | Destination Coordinates Grid: UTM: | Collar Dip: -55.00 |
| Project Number: HISLOP | North: 5371150.00 | North: | Collar Az: 213.00 |
| Location: Hislop Township | East: 551780.00 | East: | Length: 198.00 |
| | Elev: 300.00 | Elev: | Start Depth: 0.00 |
| Date Started: Apr 30, 2014 | Collar Survey: N | Plugged: N | Contractor: Garant |
| Date Completed: May 03, 2014 | Multishot Survey: N | Hole Size: NQ | Core Storage: Exploration |
| | Pulse EM Survey: N | Casing: YES | Final Depth: 198.00 |

Comments:

Sample Averages

Survey Data

| Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments | Depth | Azimuth Decimal | Dip Decimal | Test Type | Flag | Comments |
|--------|--------------------|----------------|--------------|------|----------------|--------|--------------------|----------------|--------------|------|----------|
| 0.00 | 213.00 | -55.00 | EZ Sho | OK | Planned collar | 51.00 | 213.50 | -55.70 | EZ Sho | OK | |
| 102.00 | 211.30 | -53.30 | EZ Sho | OK | | 150.00 | 214.00 | -49.60 | EZ Sho | OK | |
| 198.00 | 210.50 | -49.30 | EZ Sho | OK | | | | | | | |

| Detailed Lithology | | | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|-------------|------------|
| From | To | Lithology | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
| 0.00 | 31.50 | HPO, OVERBURDEN OVERBURDEN - 31.5m of casing used. | | | | | | | |
| 31.50 | 109.40 | VGO, GABBRO MAFIC GABBRO - Rock is dark green. Medium grained. Amphibole phenocrysts rare, up to 2mm in diameter. Weak disseminated LCX. Trace PY. Fault present at top of unit up to 60m or rubble zones and grinding at 40 degrees TCA. Minor shear vein in middle of unit. Low frequency of CAR veinlets and fractures with minor QZ/CAR veining. | E5700417 | 69.00 | 70.10 | 1.10 | 0.00 | | 0.01 |
| | | | E5700418 | 70.10 | 70.60 | 0.50 | 0.02 | | |
| | | | E5700419 | 70.60 | 72.00 | 1.40 | 0.00 | | |
| | | | E5700420 | 91.90 | 92.90 | 1.00 | 0.04 | | |
| | | | E5700421 | 92.90 | 93.50 | 0.60 | 0.31 | | |
| | | | E5700423 | 93.50 | 94.20 | 0.70 | 0.38 | | |
| | | | E5700424 | 94.20 | 95.10 | 0.90 | 0.07 | | |
| | | | E5700425 | 95.10 | 95.70 | 0.60 | 0.06 | | |
| | | | E5700426 | 95.70 | 97.00 | 1.30 | 0.00 | | |
| | | | E5700427 | 108.00 | 109.40 | 1.40 | 0.05 | | |

Hole Number: HS14-002

Units: METRIC

| Detailed Lithology | | Lithology | Assay Data | | | | | | |
|--------------------|--------|--|---------------|--------|--------|--------|-----------|-------------|------------|
| From | To | | Sample Number | From | To | Length | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
| 109.40 | 198.00 | VMP, VOLCANIC MASSIVE PILLOWED MAFIC PILLOWED FLOW - Rock is green. Amygdules are present around pillow selvages up to 2mm in diameter. Weak patchy HE throughout but rare. Moderate fracture controlled SER. Trace sulphides throughout most of rock, but can be concentrated around QZ veining up to 10% in middle of unit. QZ/CAR veinlets present throughout but concentrated in middle of unit. | E5700428 | 109.40 | 110.60 | 1.20 | 0.23 | | |
| | | | E5700429 | 110.60 | 111.80 | 1.20 | 0.27 | | |
| | | | E5700430 | 111.80 | 112.60 | 0.80 | 0.01 | | 0.01 |
| | | | E5700431 | 112.60 | 113.60 | 1.00 | 0.12 | | |
| | | | E5700433 | 113.60 | 114.60 | 1.00 | 0.03 | | |
| | | | E5700434 | 114.60 | 116.00 | 1.40 | 0.02 | | |
| | | | E5700435 | 116.00 | 116.50 | 0.50 | 0.31 | | |
| | | | E5700436 | 116.50 | 117.80 | 1.30 | 0.01 | | |
| | | | E5700437 | 117.80 | 118.80 | 1.00 | 0.01 | | |
| | | | E5700438 | 146.60 | 147.70 | 1.10 | 0.00 | | |
| | | | E5700439 | 147.70 | 148.60 | 0.90 | 0.26 | | |
| | | | E5700440 | 148.60 | 149.20 | 0.60 | 2.07 | | |
| | | | E5700441 | 149.20 | 149.70 | 0.50 | 0.26 | | |
| | | | E5700443 | 149.70 | 150.00 | 0.30 | 8.24 | | 8.80 |
| | | | E5700444 | 150.00 | 151.00 | 1.00 | 0.41 | | |
| | | | E5700445 | 151.00 | 152.00 | 1.00 | 0.13 | | |
| | | | E5700446 | 152.00 | 152.70 | 0.70 | 0.10 | | |
| | | | E5700447 | 152.70 | 153.10 | 0.40 | 3.49 | | |
| | | | E5700448 | 153.10 | 154.50 | 1.40 | 0.02 | | |
| | | | E5700449 | 154.50 | 156.00 | 1.50 | 2.17 | | |
| | | | E5700450 | 156.00 | 157.20 | 1.20 | 0.03 | | |
| | | | E5700451 | 157.20 | 158.00 | 0.80 | 4.13 | | |
| | | | E5700453 | 158.00 | 158.90 | 0.90 | 0.04 | | |
| | | | E5700454 | 158.90 | 159.30 | 0.40 | 4.34 | | |
| | | | E5700455 | 159.30 | 160.40 | 1.10 | 0.03 | | 0.06 |
| | | | E5700456 | 160.40 | 161.10 | 0.70 | 0.66 | | |
| | | | E5700457 | 161.10 | 161.60 | 0.50 | 0.59 | | |
| | | | E5700458 | 161.60 | 162.10 | 0.50 | 0.12 | | |
| | | | E5700459 | 162.10 | 163.50 | 1.40 | 0.01 | | |

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
|---------------|-------|-------|-----------|-------------|------------|
| Sample Type | ASSAY | | | | |
| E5700417 | 69.00 | 70.10 | 0.0030 | | 0.0100 |
| E5700418 | 70.10 | 70.60 | 0.0170 | | |
| E5700419 | 70.60 | 72.00 | 0.0040 | | |
| E5700420 | 91.90 | 92.90 | 0.0400 | | |
| E5700421 | 92.90 | 93.50 | 0.3120 | | |
| E5700423 | 93.50 | 94.20 | 0.3780 | | |
| E5700424 | 94.20 | 95.10 | 0.0730 | | |
| E5700425 | 95.10 | 95.70 | 0.0640 | | |
| E5700426 | 95.70 | 97.00 | 0.0030 | | |

Hole Number: HS14-002

Units: METRIC

Samples

| Sample Number | From | To | Au_Gpt_FA | Au_Gpt_GRAV | Au_Gpt_DUP |
|---------------|--------|--------|-----------|-------------|------------|
| Sample Type | ASSAY | | | | |
| E5700427 | 108.00 | 109.40 | 0.0470 | | |
| E5700428 | 109.40 | 110.60 | 0.2330 | | |
| E5700429 | 110.60 | 111.80 | 0.2660 | | |
| E5700430 | 111.80 | 112.60 | 0.0140 | | 0.0100 |
| E5700431 | 112.60 | 113.60 | 0.1230 | | |
| E5700433 | 113.60 | 114.60 | 0.0260 | | |
| E5700434 | 114.60 | 116.00 | 0.0170 | | |
| E5700435 | 116.00 | 116.50 | 0.3130 | | |
| E5700436 | 116.50 | 117.80 | 0.0060 | | |
| E5700437 | 117.80 | 118.80 | 0.0080 | | |
| E5700438 | 146.60 | 147.70 | 0.0030 | | |
| E5700439 | 147.70 | 148.60 | 0.2620 | | |
| E5700440 | 148.60 | 149.20 | 2.0700 | | |
| E5700441 | 149.20 | 149.70 | 0.2600 | | |
| E5700443 | 149.70 | 150.00 | 8.2400 | | 8.8000 |
| E5700444 | 150.00 | 151.00 | 0.4130 | | |
| E5700445 | 151.00 | 152.00 | 0.1340 | | |
| E5700446 | 152.00 | 152.70 | 0.0990 | | |
| E5700447 | 152.70 | 153.10 | 3.4900 | | |
| E5700448 | 153.10 | 154.50 | 0.0170 | | |
| E5700449 | 154.50 | 156.00 | 2.1700 | | |
| E5700450 | 156.00 | 157.20 | 0.0260 | | |
| E5700451 | 157.20 | 158.00 | 4.1300 | | |
| E5700453 | 158.00 | 158.90 | 0.0430 | | |
| E5700454 | 158.90 | 159.30 | 4.3400 | | |
| E5700455 | 159.30 | 160.40 | 0.0260 | | 0.0550 |
| E5700456 | 160.40 | 161.10 | 0.6580 | | |
| E5700457 | 161.10 | 161.60 | 0.5910 | | |
| E5700458 | 161.60 | 162.10 | 0.1180 | | |
| E5700459 | 162.10 | 163.50 | 0.0130 | | |



Appendix 3

Assay Certificates



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

ATTENTION TO: Craig Todd

PROJECT NO: TAYLOR PROJECT

AGAT WORK ORDER: 14U801551

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Jan 27, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U801551
PROJECT NO: TAYLOR PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Jan 16, 2014

DATE RECEIVED: Jan 15, 2014

DATE REPORTED: Jan 27, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5699310 (5100876) | | 2.70 | 0.003 |
| E5699311 (5100877) | | 1.80 | 0.014 |
| E5699312 (5100878) | | 0.44 | 0.003 |
| E5699313 (5100879) | | 1.44 | 0.004 |
| E5699314 (5100880) | | 1.78 | 0.013 |
| E5699315 (5100881) | | 1.28 | 0.006 |
| E5699316 (5100882) | | 1.88 | 0.370 |
| E5699317 (5100883) | | 2.26 | 0.007 |
| E5699318 (5100884) | | 0.86 | 0.005 |
| E5699319 (5100885) | | 2.52 | 0.003 |
| E5699320 (5100886) | | 3.46 | 0.081 |
| E5699321 (5100887) | | 2.86 | 0.002 |
| E5699322 (5100888) | | 2.04 | 0.002 |
| E5699323 (5100889) | | 3.38 | 0.003 |
| E5699324 (5100890) | | 2.78 | 0.001 |
| E5699325 (5100891) | | 0.10 | 0.975 |
| E5699326 (5100892) | | 2.62 | 0.001 |
| E5699327 (5100893) | | 1.38 | 0.003 |
| E5699328 (5100894) | | 1.98 | 0.006 |
| E5699329 (5100895) | | 2.16 | 0.004 |
| E5699330 (5100896) | | 1.98 | 0.005 |
| E5699331 (5100897) | | 1.28 | 0.002 |
| E5699332 (5100898) | | 2.46 | 0.004 |
| E5699333 (5100899) | | 2.22 | 0.049 |
| E5699334 (5100900) | | 0.90 | 0.002 |
| E5699335 (5100901) | | 1.38 | 0.004 |
| E5699336 (5100902) | | 3.38 | 0.005 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E5699310 | 0.0027 | 0.0023 | 16.0% | E5699323 | 0.003 | 0.003 | 0.0% | E5699335 | 0.004 | 0.004 | 0.0% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | |
| Au | 1.44 | 1.49 | 104% | 90% - 110% | 6.09 | 5.58 | 92% | 90% - 110% | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U801551

PROJECT NO: TAYLOR PROJECT

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U804097

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Feb 06, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U804097

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Jan 24, 2014

DATE RECEIVED: Jan 24, 2014

DATE REPORTED: Feb 06, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5699346 (5116074) | | 1.60 | 0.018 |
| E5699347 (5116075) | | 1.88 | 0.002 |
| E5699348 (5116076) | | 1.90 | 0.002 |
| E5699349 (5116077) | | 1.62 | 0.003 |
| E5699350 (5116078) | | 1.00 | 0.002 |
| E5699351 (5116079) | | 2.28 | 0.003 |
| E5699352 (5116080) | | 2.42 | 0.002 |
| E5699353 (5116081) | | 1.10 | 0.151 |
| E5699354 (5116082) | | 1.38 | 0.014 |
| E5699355 (5116083) | | 1.92 | 0.072 |
| E5699356 (5116084) | | 2.22 | 0.006 |
| E5699357 (5116085) | | 2.30 | 0.004 |
| E5699358 (5116086) | | 2.08 | 0.010 |
| E5699359 (5116087) | | 1.68 | 0.009 |
| E5699360 (5116088) | | 1.66 | 0.094 |
| E5699361 (5116089) | | 1.74 | 0.518 |
| E5699362 (5116090) | | 1.86 | 0.237 |
| E5699363 (5116091) | | 1.44 | 0.067 |
| E5699364 (5116092) | | 1.94 | 0.209 |
| E5699365 (5116093) | | 0.10 | 3.30 |
| E5699366 (5116094) | | 1.32 | 0.263 |
| E5699367 (5116095) | | 2.00 | 0.009 |
| E5699368 (5116096) | | 2.06 | 0.086 |
| E5699369 (5116097) | | 2.36 | 0.064 |
| E5699370 (5116098) | | 1.36 | 0.067 |
| E5699371 (5116099) | | 1.44 | 0.405 |
| E5699372 (5116100) | | 2.34 | 0.024 |
| E5699373 (5116101) | | 2.10 | 0.002 |
| E5699374 (5116102) | | 0.96 | <0.001 |
| E5699375 (5116103) | | 1.14 | <0.001 |
| E5699376 (5116104) | | 1.42 | 0.003 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U804097

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Jan 24, 2014

DATE RECEIVED: Jan 24, 2014

DATE REPORTED: Feb 06, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|--------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5699377 (5116105) | | 1.88 | 0.037 |
| E5699378 (5116106) | | 2.38 | <0.001 |
| E5699379 (5116107) | | 1.40 | 0.007 |
| E5699380 (5116108) | | 1.80 | 0.013 |
| E5699381 (5116109) | | 2.04 | 0.377 |
| E5699382 (5116110) | | 2.06 | 0.140 |
| E5699383 (5116111) | | 2.44 | 0.009 |
| E5699384 (5116112) | | 1.70 | 0.016 |
| E5699385 (5116113) | | 0.10 | 2.10 |
| E5699386 (5116114) | | 1.08 | 0.140 |
| E5699387 (5116115) | | 2.70 | 0.011 |
| E5699388 (5116116) | | 1.74 | 5.06 |
| E5699389 (5116117) | | 1.22 | 0.119 |
| E5699390 (5116118) | | 2.36 | 0.016 |
| E5699391 (5116119) | | 1.36 | 0.011 |
| E5699392 (5116120) | | 0.82 | 0.010 |
| E5699393 (5116121) | | 1.42 | 0.009 |
| E5699394 (5116122) | | 2.20 | 0.004 |
| E5699395 (5116123) | | 1.84 | 0.007 |
| E5699396 (5116124) | | 2.46 | 0.004 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5699346 | 0.018 | 0.017 | 5.7% | E5699359 | 0.009 | 0.009 | 0.0% | E5699371 | 0.405 | 0.369 | 9.3% | E5699384 | 0.016 | 0.013 | 20.7% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E5699396 | 0.004 | 0.005 | 22.2% | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (GSP7J) | | | | CRM #2 (1P5K) | | | | CRM #3 (GS6D) | | | | | | | |
|-----------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 0.722 | 0.655 | 90% | 90% - 110% | 1.44 | 1.32 | 91% | 90% - 110% | 6.09 | 6.15 | 101% | 90% - 110% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U804097

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP

AGAT WORK ORDER: 14U804100

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Feb 03, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U804100

PROJECT NO: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Jan 24, 2014

DATE RECEIVED: Jan 24, 2014

DATE REPORTED: Feb 03, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|--------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5699337 (5116126) | | 2.46 | 0.002 |
| E5699338 (5116127) | | 2.00 | <0.001 |
| E5699339 (5116128) | | 2.62 | 0.010 |
| E5699340 (5116129) | | 2.56 | 0.002 |
| E5699341 (5116130) | | 1.76 | <0.001 |
| E5699342 (5116131) | | 2.72 | 0.010 |
| E5699343 (5116132) | | 1.06 | 0.027 |
| E5699344 (5116133) | | 2.44 | <0.001 |
| E5699345 (5116134) | | 0.10 | 0.532 |

Comments: RDL - Reported Detection Limit

Certified By:



AGAT Laboratories

Quality Assurance - Replicate
 AGAT WORK ORDER: 14U804100
 PROJECT NO: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | Sample ID | REPLICATE #1 | | | | | | | | | | | |
|-----------|-----------|--------------|-----------|-----|--|--|--|--|--|--|--|--|--|
| | | Original | Replicate | RPD | | | | | | | | | |
| Au | E5699337 | 0.002 | 0.001 | | | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials
 AGAT WORK ORDER: 14U804100
 PROJECT NO: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (Cm14) | | | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|--|--|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | | | | | | | | | | |
| Au | 0.792 | 0.845 | 107% | 90% - 110% | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U804100

PROJECT NO: HISLOP

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP

AGAT WORK ORDER: 14U808665

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Feb 21, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U808665

PROJECT NO: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 07, 2014 DATE RECEIVED: Feb 07, 2014 DATE REPORTED: Feb 21, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| 5699520 (5141877) | | 3.10 | 0.139 |
| 5699521 (5141878) | | 3.30 | 0.003 |
| 5699522 (5141879) | | 3.06 | 0.022 |
| 5699523 (5141880) | | 3.02 | 0.004 |
| 5699524 (5141881) | | 1.54 | 0.012 |
| 5699525 (5141882) | | 1.82 | 0.066 |
| 5699526 (5141883) | | 1.10 | 0.002 |
| 5699527 (5141884) | | 1.02 | 0.031 |
| 5699528 (5141885) | | 2.06 | 0.872 |
| 5699529 (5141886) | | 1.50 | 2.21 |
| 5699530 (5141887) | | 1.46 | 0.445 |
| 5699531 (5141888) | | 1.40 | 3.13 |
| 5699532 (5141889) | | 1.14 | 1.98 |
| 5699533 (5141890) | | 0.10 | 0.504 |
| 5699534 (5141891) | | 2.44 | 0.045 |
| 5699535 (5141892) | | 2.54 | 0.861 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | 5699520 | 0.139 | 0.114 | 19.8% | 5699534 | 0.045 | 0.045 | 0.0% | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials
 AGAT WORK ORDER: 14U808665
 PROJECT NO: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (1P5K) | | | | Limits | | | | | | | | | |
|-----------|---------------|--------|----------|------------|--------|--|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | | | | | | | | | | | |
| Au | 1.44 | 1.34 | 93% | 90% - 110% | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U808665

PROJECT NO: HISLOP

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: Hislop Project

AGAT WORK ORDER: 14U810967

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 04, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U810967

PROJECT NO: Hislop Project

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 14, 2014 DATE RECEIVED: Feb 14, 2014 DATE REPORTED: Mar 04, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5699440 (5158019) | | 1.88 | 0.007 |
| E5699441 (5158020) | | 0.92 | 0.008 |
| E5699442 (5158021) | | 1.56 | 0.004 |
| E5699443 (5158022) | | 0.82 | 0.050 |
| E5699444 (5158023) | | 1.08 | 0.001 |
| E5699445 (5158024) | | 2.72 | 0.004 |
| E5699446 (5158025) | | 2.24 | 0.146 |
| E5699447 (5158026) | | 2.44 | 0.009 |
| E5699448 (5158027) | | 1.72 | 0.028 |
| E5699449 (5158028) | | 1.18 | 0.006 |
| E5699450 (5158029) | | 1.84 | 0.006 |
| E5699451 (5158030) | | 2.26 | 0.008 |
| E5699452 (5158031) | | 0.80 | <0.001 |
| E5699453 (5158032) | | 0.10 | 0.526 |
| E5699454 (5158033) | | 2.22 | 0.004 |
| E5699455 (5158034) | | 2.70 | 0.004 |
| E5699456 (5158035) | | 2.72 | 0.004 |
| E5699457 (5158036) | | 1.92 | <0.001 |
| E5699458 (5158037) | | 2.24 | 0.002 |
| E5699459 (5158038) | | 2.22 | 0.003 |
| E5699460 (5158039) | | 0.94 | <0.001 |
| E5699461 (5158040) | | 2.50 | 0.003 |
| E5699462 (5158041) | | 1.32 | 0.002 |
| E5699463 (5158042) | | 1.56 | <0.001 |
| E5699464 (5158043) | | 1.92 | 0.005 |
| E5699465 (5158044) | | 2.76 | 0.004 |
| E5699466 (5158045) | | 3.00 | 0.008 |
| E5699467 (5158046) | | 1.50 | 0.003 |
| E5699468 (5158047) | | 1.70 | 0.004 |
| E5699469 (5158048) | | 1.98 | 0.010 |
| E5699470 (5158049) | | 1.66 | 0.013 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U810967

PROJECT NO: Hislop Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 14, 2014 DATE RECEIVED: Feb 14, 2014 DATE REPORTED: Mar 04, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5699471 (5158050) | | 2.00 | 0.141 |
| E5699472 (5158051) | | 2.42 | 0.001 |
| E5699473 (5158052) | | 2.50 | 0.003 |
| E5699474 (5158053) | | 2.26 | 0.001 |
| E5699475 (5158054) | | 0.10 | 1.04 |
| E5699476 (5158055) | | 2.42 | 0.013 |
| E5699477 (5158056) | | 2.06 | 0.010 |
| E5699478 (5158057) | | 2.12 | 0.002 |
| E5699479 (5158058) | | 2.60 | 0.007 |
| E5699480 (5158059) | | 3.46 | 0.002 |
| E5699481 (5158060) | | 3.64 | 0.004 |
| E5699482 (5158061) | | 2.26 | 0.001 |
| E5699483 (5158062) | | 1.96 | <0.001 |
| E5699484 (5158063) | | 1.08 | 0.562 |
| E5699485 (5158064) | | 1.08 | 0.002 |
| E5699486 (5158065) | | 1.40 | 0.009 |
| E5699487 (5158066) | | 3.24 | 0.002 |
| E5699488 (5158067) | | 3.38 | 0.001 |
| E5699489 (5158068) | | 3.48 | 0.002 |
| E5699490 (5158069) | | 3.04 | <0.001 |
| E5699491 (5158070) | | 1.20 | 0.001 |
| E5699492 (5158071) | | 2.28 | 0.003 |
| E5699493 (5158072) | | 0.10 | 0.480 |
| E5699494 (5158073) | | 0.90 | 0.001 |
| E5699495 (5158074) | | 2.50 | <0.001 |
| E5699496 (5158075) | | 2.80 | 0.005 |
| E5699497 (5158076) | | 2.10 | 0.010 |
| E5699498 (5158077) | | 1.70 | 0.016 |
| E5699499 (5158078) | | 3.46 | 0.008 |
| E5699500 (5158079) | | 2.98 | 0.002 |
| E5699501 (5158080) | | 2.84 | 0.002 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U810967

PROJECT NO: Hislop Project

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 14, 2014 DATE RECEIVED: Feb 14, 2014 DATE REPORTED: Mar 04, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|--------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5699502 (5158081) | | 1.18 | 0.012 |
| E5699503 (5158082) | | 1.54 | <0.001 |
| E5699504 (5158083) | | 3.46 | 0.004 |
| E5699505 (5158084) | | 3.40 | 0.010 |
| E5699506 (5158085) | | 3.46 | 0.002 |
| E5699507 (5158086) | | 3.58 | 0.005 |
| E5699508 (5158087) | | 3.58 | 0.004 |
| E5699509 (5158088) | | 2.26 | 0.005 |
| E5699510 (5158089) | | 2.72 | 0.007 |
| E5699511 (5158090) | | 2.52 | 0.005 |
| E5699512 (5158091) | | 3.36 | 0.195 |
| E5699513 (5158092) | | 3.00 | 0.007 |
| E5699514 (5158093) | | 2.46 | 0.006 |
| E5699515 (5158094) | | 2.54 | 0.115 |
| E5699516 (5158095) | | 0.10 | 2.35 |
| E5699517 (5158096) | | 2.40 | 0.039 |
| E5699518 (5158097) | | 2.56 | 0.073 |
| E5699519 (5158098) | | 3.44 | 0.072 |
| E5512707 (5158099) | | 1.88 | 0.238 |
| E5512708 (5158100) | | 1.52 | 2.02 |
| E5512709 (5158101) | | 3.22 | 0.022 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-----|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|-----|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5699440 | 0.007 | 0.005 | | E5699454 | 0.004 | 0.001 | | E5699465 | 0.004 | 0.004 | 0.0% | E5699478 | 0.002 | 0.006 | |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E5699490 | < 0.001 | 0.003 | | E5699503 | < 0.001 | < 0.001 | 0.0% | E5699515 | 0.115 | 0.095 | 19.0% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | CRM #3 (GSP7J) | | | | CRM #4 (1P5K) | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.31 | 91% | 90% - 110% | 6.09 | 5.86 | 96% | 90% - 110% | 0.722 | 0.736 | 102% | 90% - 110% | 1.44 | 1.37 | 95% | 90% - 110% |
| | CRM #5 (GS6D) | | | | CRM #6 (GS6D) | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 6.09 | 5.85 | 96% | 90% - 110% | 6.09 | 5.92 | 97% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U810967

PROJECT NO: Hislop Project

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: Hislop Project

AGAT WORK ORDER: 14U810965

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 05, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U810965

PROJECT NO: Hislop Project

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 14, 2014 DATE RECEIVED: Feb 14, 2014 DATE REPORTED: Mar 05, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E5700560 (5157996) | | 1.46 | 0.788 | |
| E5700561 (5157997) | | 1.56 | 0.935 | |
| E5700562 (5157998) | | 1.36 | 0.030 | |
| E5700563 (5157999) | | 3.18 | 0.018 | |
| E5700564 (5158000) | | 2.30 | 0.021 | |
| E5700565 (5158001) | | 0.10 | 2.18 | |
| E5700566 (5158002) | | 1.94 | 0.008 | |
| E5700567 (5158003) | | 1.24 | 0.010 | |
| E5700568 (5158004) | | 2.84 | 0.006 | |
| E5700569 (5158005) | | 1.22 | 0.004 | |
| E5700570 (5158006) | | 1.22 | 0.004 | |
| E5700571 (5158007) | | 1.88 | 0.963 | |
| E5700572 (5158008) | | 2.20 | 0.946 | |
| E5700573 (5158009) | | 2.42 | 0.417 | |
| E5700574 (5158010) | | 3.44 | 0.042 | |
| E5700575 (5158011) | | 2.52 | >10 | 20.9 |
| E5700576 (5158012) | | 1.10 | 0.003 | |
| E5700577 (5158013) | | 1.80 | >10 | 12.5 |
| E5700578 (5158014) | | 1.60 | >10 | 38.1 |
| E5700579 (5158015) | | 2.04 | 1.43 | |
| E5700580 (5158016) | | 2.56 | 1.68 | |
| E5700581 (5158017) | | 1.86 | 0.041 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-------|----------|------|------|------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700560 | 0.788 | 0.834 | 5.7% | E5700574 | 0.042 | 0.049 | 15.4% | | | | | | | | |
| Au-Grav | | | | | | | | | E5700578 | 38.1 | 36.2 | 5.1% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (GS6D) | | | | CRM #2 (GSP7J) | | | | CRM #3 | | | | | | | | |
|-----------|---------------|--------|----------|------------|----------------|--------|----------|------------|--------|--------|----------|------------|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | |
| Au | 6.09 | 6.01 | 99% | 90% - 110% | 0.722 | 0.744 | 103% | 90% - 110% | | | | | | | | | |
| Au-Grav | | | | | | | | | 14.8 | 15.8 | 106% | 90% - 110% | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U810965

PROJECT NO: Hislop Project

ATTENTION TO: Craig Todd

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



CLIENT NAME: ST ANDREW GOLDFIELDS LTD
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(705) 567-4862

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U814594

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 10, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U814594

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 26, 2014

DATE RECEIVED: Feb 26, 2014

DATE REPORTED: Mar 10, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| | | 0.01 | 0.001 |
| E5700582 (5181361) | | 2.64 | 0.001 |
| E5700583 (5181362) | | 1.04 | 0.011 |
| E5700584 (5181363) | | 2.48 | <0.001 |
| E5700585 (5181364) | | 0.98 | 0.009 |
| E5700586 (5181365) | | 1.58 | <0.001 |
| E5700587 (5181366) | | 1.58 | 0.002 |
| E5700588 (5181367) | | 3.00 | <0.001 |
| E5700589 (5181368) | | 1.06 | 0.002 |
| E5700590 (5181369) | | 1.24 | 0.002 |
| E5700591 (5181370) | | 0.58 | 0.014 |
| E5700592 (5181371) | | 2.02 | 0.005 |
| E5700593 (5181372) | | 2.16 | 0.001 |
| E5700594 (5181373) | | 1.64 | 0.004 |
| E5700595 (5181374) | | 0.96 | 0.014 |
| E5700596 (5181375) | | 0.10 | 2.12 |
| E5700597 (5181376) | | 2.26 | 0.004 |
| E5700598 (5181377) | | 2.44 | 0.023 |
| E5700599 (5181378) | | 0.64 | 0.060 |
| E5700600 (5181379) | | 2.20 | 0.015 |
| E5700601 (5181380) | | 1.90 | 0.001 |
| E5700602 (5181381) | | 0.60 | <0.001 |
| E5700603 (5181382) | | 1.68 | 0.001 |
| E5700604 (5181383) | | 2.38 | 0.003 |
| E5700605 (5181384) | | 2.52 | <0.001 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-----|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700582 | 0.001 | 0.002 | | E5700595 | 0.014 | 0.014 | 0.0% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (1p5K) | | | | CRM #2 (GS6D) | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 1.44 | 1.34 | 93% | 90% - 110% | 6.09 | 5.55 | 91% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U814594

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



CLIENT NAME: ST ANDREW GOLDFIELDS LTD
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(705) 567-4862

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U814598

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 18, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U814598

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 26, 2014 DATE RECEIVED: Feb 26, 2014 DATE REPORTED: Mar 18, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E5700606 (5181388) | | 2.32 | 0.009 | |
| E5700607 (5181389) | | 2.44 | 0.101 | |
| E5700608 (5181390) | | 2.30 | >10 | 16.6 |
| E5700609 (5181391) | | 2.34 | 1.05 | |
| E5700610 (5181392) | | 1.06 | 0.002 | |
| E5700611 (5181393) | | 2.46 | 3.30 | |
| E5700612 (5181394) | | 1.10 | 0.713 | |
| E5700613 (5181395) | | 2.44 | 0.072 | |
| E5700614 (5181396) | | 2.82 | 0.073 | |
| E5700615 (5181397) | | 2.34 | 0.009 | |
| E5700616 (5181398) | | 2.66 | 0.011 | |
| E5700617 (5181399) | | 2.44 | 0.011 | |
| E5700618 (5181400) | | 2.58 | 0.010 | |
| E5700619 (5181401) | | 2.22 | 0.006 | |
| E5700620 (5181402) | | 0.10 | 0.508 | |
| E5700621 (5181403) | | 2.26 | 0.012 | |
| E5700622 (5181404) | | 2.36 | 0.018 | |
| E5700623 (5181405) | | 2.20 | 0.007 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | Sample ID | REPLICATE #1 | | | RPD | | | | | | | | | | |
|-----------|-----------|--------------|-----------|-------|-----|--|--|--|--|--|--|--|--|--|--|
| | | Original | Replicate | | | | | | | | | | | | |
| Au | E5700606 | 0.009 | 0.012 | 28.6% | | | | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U814598

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (GS6D) | | | | Expect | Actual | Recovery | Limits | | | | | | | |
|-----------|---------------|--------|----------|------------|--------|--------|----------|--------|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | | | | | | | | | | | |
| Au | 6.09 | 5.55 | 91% | 90% - 110% | | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U814598

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U819137

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 25, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U819137
PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 12, 2014 DATE RECEIVED: Mar 12, 2014 DATE REPORTED: Mar 25, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5700624 (5209905) | | 2.54 | 0.019 |
| E5700625 (5209906) | | 2.34 | 0.039 |
| E5700626 (5209907) | | 3.26 | 0.035 |
| E5700627 (5209908) | | 3.38 | 0.042 |
| E5700628 (5209909) | | 3.78 | 0.044 |
| E5700629 (5209910) | | 3.14 | 0.006 |
| E5700630 (5209911) | | 3.68 | 0.010 |
| E5700631 (5209912) | | 1.28 | 0.001 |
| E5700632 (5209913) | | 3.22 | 0.010 |
| E5700633 (5209914) | | 3.36 | 0.006 |
| E5700634 (5209915) | | 2.44 | 0.005 |
| E5700635 (5209916) | | 2.50 | 0.007 |
| E5700636 (5209917) | | 2.80 | 0.005 |
| E5700637 (5209918) | | 3.36 | 0.005 |
| E5700638 (5209919) | | 3.84 | 0.035 |
| E5700639 (5209920) | | 3.92 | 0.038 |
| E5700640 (5209921) | | 0.10 | 2.16 |
| E5700641 (5209922) | | 3.36 | 0.003 |
| E5700642 (5209923) | | 3.54 | 0.007 |
| E5700643 (5209924) | | 3.52 | 0.034 |
| E5700644 (5209925) | | 3.14 | 3.81 |
| E5700645 (5209926) | | 0.84 | 0.123 |
| E5700646 (5209927) | | 2.42 | 0.012 |
| E5700647 (5209928) | | 2.78 | 0.003 |
| E5700648 (5209929) | | 0.80 | 0.007 |
| E5700649 (5209930) | | 1.64 | <0.001 |
| E5700650 (5209931) | | 3.38 | 0.005 |
| E5700651 (5209932) | | 3.72 | 0.011 |
| E5700652 (5209933) | | 1.00 | 0.003 |
| E5700653 (5209934) | | 1.32 | 0.003 |
| E5700654 (5209935) | | 3.12 | 0.003 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U819137
PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 12, 2014 DATE RECEIVED: Mar 12, 2014 DATE REPORTED: Mar 25, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5700655 (5209936) | | 2.90 | 0.021 |
| E5700656 (5209937) | | 2.30 | 0.006 |
| E5700657 (5209938) | | 2.68 | 0.002 |
| E5700658 (5209939) | | 0.10 | 0.833 |
| E5700659 (5209940) | | 2.18 | 0.004 |
| E5700660 (5209941) | | 2.44 | 0.003 |
| E5700661 (5209942) | | 2.72 | 0.003 |
| E5700662 (5209943) | | 2.68 | 0.004 |
| E5700663 (5209944) | | 2.36 | 0.003 |
| E5700664 (5209945) | | 2.70 | 0.005 |
| E5700665 (5209946) | | 2.40 | 0.085 |
| E5700666 (5209947) | | 2.36 | 0.003 |
| E5700667 (5209948) | | 2.52 | 0.010 |
| E5700668 (5209949) | | 2.60 | 1.88 |
| E5700669 (5209950) | | 0.80 | 0.002 |
| E5700670 (5209951) | | 2.48 | 0.012 |
| E5700671 (5209952) | | 2.36 | 0.006 |
| E5700672 (5209953) | | 2.46 | 0.011 |
| E5700673 (5209954) | | 2.32 | 0.003 |
| E5700674 (5209955) | | 1.52 | 0.011 |
| E5700675 (5209956) | | 2.66 | 0.009 |
| E5700676 (5209957) | | 1.34 | 0.038 |
| E5700677 (5209958) | | 2.42 | 0.009 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700624 | 0.019 | 0.017 | 11.1% | E5700636 | 0.005 | 0.004 | 22.2% | E5700650 | 0.005 | 0.004 | 22.2% | E5700660 | 0.003 | 0.003 | 0.0% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E5700673 | 0.003 | 0.004 | 28.6% | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (GSP7J) | | | | CRM #2 (GSP7J) | | | | CRM #3 (1P5K) | | | | CRM #4 (GS6D) | | | |
|-----------|----------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.800 | 110% | 90% - 110% | 0.722 | 0.800 | 110% | 90% - 110% | 1.44 | 1.43 | 100% | 90% - 110% | 6.09 | 5.90 | 96% | 90% - 110% |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U819137

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



CLIENT NAME: ST ANDREW GOLDFIELDS LTD
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(705) 567-4862

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U814603

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 13, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U814603

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 26, 2014 DATE RECEIVED: Feb 26, 2014 DATE REPORTED: Mar 13, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E5700678 (5181417) | | 3.30 | <0.001 | |
| E5700679 (5181418) | | 1.84 | 0.010 | |
| E5700680 (5181419) | | 1.98 | 0.006 | |
| E5700681 (5181420) | | 3.74 | 0.006 | |
| E5700682 (5181421) | | 3.72 | 0.003 | |
| E5700683 (5181422) | | 3.40 | 0.002 | |
| E5700684 (5181423) | | 1.26 | 0.381 | |
| E5700685 (5181424) | | 0.78 | 5.29 | |
| E5700686 (5181425) | | 0.68 | 0.002 | |
| E5700687 (5181426) | | 2.18 | 0.106 | |
| E5700688 (5181427) | | 1.90 | 0.421 | |
| E5700689 (5181428) | | 2.42 | 1.69 | |
| E5700690 (5181429) | | 2.70 | 0.212 | |
| E5700691 (5181430) | | 0.86 | >10 | 12.3 |
| E5700692 (5181431) | | 0.08 | 3.46 | |
| E5700693 (5181432) | | 2.26 | 0.134 | |
| E5700694 (5181433) | | 1.68 | 0.909 | |
| E5700695 (5181434) | | 1.88 | 0.180 | |
| E5700696 (5181435) | | 1.92 | 1.52 | |
| E5700697 (5181436) | | 2.66 | 0.018 | |
| E5700698 (5181437) | | 2.52 | 0.157 | |
| E5700699 (5181438) | | 2.52 | 0.007 | |
| E5700700 (5181439) | | 2.64 | 0.010 | |
| E5700701 (5181440) | | 2.38 | 0.013 | |
| E5700702 (5181441) | | 2.86 | 0.008 | |
| E5700703 (5181442) | | 1.34 | <0.001 | |
| E5700704 (5181443) | | 2.60 | 0.003 | |
| E5700705 (5181444) | | 1.06 | 3.19 | |
| E5700706 (5181445) | | 2.44 | 0.015 | |
| E5700707 (5181446) | | 2.66 | 0.085 | |
| E5700708 (5181447) | | 2.68 | 0.016 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U814603

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 26, 2014 DATE RECEIVED: Feb 26, 2014 DATE REPORTED: Mar 13, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E5700709 (5181448) | | 2.26 | 0.011 | |
| E5700710 (5181449) | | 2.04 | 0.012 | |
| E5700711 (5181451) | | 1.50 | 6.18 | |
| E5700712 (5181452) | | 2.42 | 0.008 | |
| E5700713 (5181453) | | 0.10 | 0.508 | |
| E5700714 (5181454) | | 2.62 | 0.074 | |
| E5700715 (5181455) | | 1.40 | 0.019 | |
| E5700716 (5181456) | | 0.82 | 2.80 | |
| E5700717 (5181457) | | 2.16 | 0.020 | |
| E5700718 (5181458) | | 2.16 | 0.123 | |
| E5700719 (5181459) | | 1.48 | 0.120 | |
| E5700720 (5181460) | | 2.72 | 0.026 | |
| E5700721 (5181461) | | 1.20 | 2.48 | |
| E5700722 (5181462) | | 2.48 | 7.97 | |
| E5700723 (5181463) | | 1.62 | 0.003 | |
| E5700724 (5181464) | | 2.78 | 2.63 | |
| E5700725 (5181465) | | 1.46 | 2.84 | |
| E5700726 (5181466) | | 1.74 | 0.107 | |
| E5700727 (5181467) | | 2.52 | 0.175 | |
| E5700728 (5181468) | | 1.62 | 0.035 | |
| E5700729 (5181469) | | 1.32 | 0.021 | |
| E5700730 (5181470) | | 2.06 | 0.456 | |
| E5700731 (5181471) | | 2.60 | 0.349 | |
| E5700732 (5181472) | | 2.70 | 1.41 | |
| E5700733 (5181473) | | 0.10 | 0.848 | |
| E5700734 (5181474) | | 2.56 | 1.32 | |
| E5700735 (5181475) | | 2.50 | 0.043 | |
| E5700736 (5181476) | | 2.60 | 0.077 | |
| E5700737 (5181477) | | 2.52 | 0.031 | |
| E5700738 (5181478) | | 2.42 | 0.040 | |
| E5700739 (5181479) | | 2.56 | 0.053 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U814603

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Feb 26, 2014

DATE RECEIVED: Feb 26, 2014

DATE REPORTED: Mar 13, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|--------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E5700740 (5181480) | | 1.68 | 0.012 | |
| E5700741 (5181481) | | 3.10 | 0.062 | |
| E5700742 (5181482) | | 2.44 | 0.015 | |
| E5700743 (5181483) | | 1.26 | <0.001 | |
| E5700744 (5181484) | | 2.60 | 0.056 | |
| E5700745 (5181485) | | 2.64 | 1.53 | |
| E5700746 (5181486) | | 1.78 | 0.237 | |
| E5700747 (5181487) | | 1.18 | 2.66 | |
| E5700748 (5181488) | | 1.76 | 0.019 | |
| E5700749 (5181489) | | 2.34 | 0.076 | |
| E5700750 (5181490) | | 1.84 | 0.619 | |
| E5700751 (5181491) | | 1.84 | 9.02 | |
| E5700752 (5181492) | | 2.24 | 0.062 | |
| E5700753 (5181493) | | 1.98 | 0.068 | |
| E5700754 (5181494) | | 0.08 | 0.516 | |
| E5700755 (5181495) | | 2.14 | 0.282 | |
| E5700756 (5181496) | | 1.40 | 0.027 | |
| E5700757 (5181497) | | 0.80 | 0.043 | |
| E5700758 (5181498) | | 1.50 | 0.106 | |
| E5700759 (5181499) | | 2.48 | 0.111 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700678 | < 0.001 | 0.006 | | E5700691 | > 10 | > 10 | 0.0% | E5700703 | < 0.001 | 0.002 | | E5700716 | 2.80 | 3.30 | 16.4% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E5700728 | 0.035 | 0.036 | 2.8% | E5700741 | 0.062 | 0.048 | 25.5% | E5700753 | 0.068 | 0.070 | 2.9% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (1p5K) | | | | CRM #2 (GSP7J) | | | | CRM #3 (1P5K) | | | | CRM #4 (GS6D) | | | |
|-----------|----------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.31 | 91% | 90% - 110% | 0.722 | 0.669 | 93% | 90% - 110% | 1.44 | 1.53 | 106% | 90% - 110% | 6.09 | 5.83 | 96% | 90% - 110% |
| Parameter | CRM #5 (GSP7J) | | | | CRM #6 (1P5K) | | | | | | | | | | | |
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 0.722 | 0.726 | 101% | 90% - 110% | 1.44 | 1.37 | 95% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U814603

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



CLIENT NAME: ST ANDREW GOLDFIELDS LTD
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(705) 567-4862

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U819150

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 27, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U819150

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 12, 2014

DATE RECEIVED: Mar 12, 2014

DATE REPORTED: Mar 27, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E5700760 (5209995) | | 3.56 | 0.021 | |
| E5700761 (5209996) | | 1.70 | 4.69 | |
| E5700762 (5209997) | | 1.90 | >10 | 15.6 |
| E5700763 (5209998) | | 1.58 | 0.002 | |
| E5700764 (5209999) | | 2.28 | 0.034 | |
| E5700765 (5210000) | | 2.26 | 0.014 | |
| E5700766 (5210001) | | 2.28 | 0.030 | |
| E5700767 (5210002) | | 2.82 | 0.029 | |
| E5700768 (5210003) | | 2.38 | 0.014 | |
| E5700769 (5210004) | | 1.60 | 0.007 | |
| E5700770 (5210005) | | 2.00 | 0.014 | |
| E5700771 (5210006) | | 2.46 | 0.012 | |
| E5700772 (5210007) | | 2.98 | 0.132 | |
| E5700773 (5210008) | | 0.10 | 0.829 | |
| E5700774 (5210009) | | 2.12 | 0.244 | |
| E5700775 (5210010) | | 2.78 | 0.004 | |
| E5700776 (5210011) | | 2.24 | 0.005 | |
| E5700777 (5210012) | | 1.74 | 0.006 | |
| E5700778 (5210013) | | 2.64 | 0.003 | |
| E5700779 (5210014) | | 2.44 | 0.004 | |
| E5700780 (5210015) | | 2.42 | 0.002 | |
| E5700781 (5210016) | | 1.82 | 0.003 | |
| E5700782 (5210017) | | 1.82 | 0.002 | |
| E5700783 (5210018) | | 2.42 | 0.003 | |
| E5700784 (5210019) | | 0.92 | 0.016 | |
| E5700785 (5210020) | | 1.72 | <0.001 | |
| E5700786 (5210021) | | 1.44 | 0.008 | |
| E5700787 (5210022) | | 2.00 | 0.275 | |
| E5700788 (5210023) | | 3.04 | 0.003 | |
| E5700789 (5210024) | | 3.86 | 0.002 | |
| E5700790 (5210025) | | 1.94 | 0.019 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U819150

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 12, 2014 DATE RECEIVED: Mar 12, 2014 DATE REPORTED: Mar 27, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E5700791 (5210026) | | 2.52 | 0.003 | |
| E5700792 (5210027) | | 1.36 | 0.003 | |
| E5700793 (5210028) | | 2.58 | 0.002 | |
| E5700794 (5210029) | | 1.18 | 0.187 | |
| E5700795 (5210030) | | 0.10 | 0.512 | |
| E5700796 (5210031) | | 2.60 | 0.065 | |
| E5700797 (5210032) | | 3.06 | 0.274 | |
| E5700798 (5210034) | | 2.68 | 0.201 | |
| E5700799 (5210035) | | 2.72 | 0.553 | |
| E5700800 (5210036) | | 2.02 | 1.06 | |
| E5700801 (5210037) | | 1.90 | 0.645 | |
| E5700802 (5210039) | | 3.08 | 0.006 | |
| E5700803 (5210040) | | 1.96 | 0.048 | |
| E5700804 (5210041) | | 1.64 | 0.071 | |
| E5700805 (5210042) | | 1.90 | 0.106 | |
| E5700806 (5210043) | | 0.84 | 0.001 | |
| E5700807 (5210044) | | 1.80 | 0.016 | |
| E5700808 (5210045) | | 1.64 | 0.010 | |
| E5700809 (5210046) | | 1.42 | 0.034 | |
| E5700810 (5210048) | | 3.50 | 0.060 | |
| E5700811 (5210049) | | 2.32 | 0.009 | |
| E5700812 (5210050) | | 2.72 | 0.003 | |
| E5700813 (5210051) | | 1.26 | 0.015 | |
| E5700814 (5210052) | | 0.86 | 4.17 | |
| E5700815 (5210053) | | 0.10 | 2.24 | |
| E5700816 (5210055) | | 2.96 | 0.327 | |
| E5700817 (5210056) | | 2.30 | 0.012 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700760 | 0.021 | 0.022 | 4.7% | E5700772 | 0.132 | 0.123 | 7.1% | E5700786 | 0.008 | 0.010 | 22.2% | E5700797 | 0.274 | 0.264 | 3.7% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E5700810 | 0.060 | 0.064 | 6.5% | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | CRM #3 (GSP7J) | | | | CRM #4 (1P5K) | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.30 | 90% | 90% - 110% | 6.09 | 5.67 | 93% | 90% - 110% | 0.722 | 0.769 | 106% | 90% - 110% | 1.44 | 1.52 | 106% | 90% - 110% |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U819150

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U819983

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 28, 2014

PAGES (INCLUDING COVER): 8

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U819983

PROJECT NO: HISLOP PROJECT

5623 McADAM ROAD
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 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 14, 2014 DATE RECEIVED: Mar 14, 2014 DATE REPORTED: Mar 28, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5700818 (5215554) | | 2.48 | 0.003 |
| E5700819 (5215555) | | 1.48 | 0.020 |
| E5700820 (5215556) | | 2.36 | 0.003 |
| E5700821 (5215557) | | 3.08 | 0.003 |
| E5700822 (5215558) | | 1.28 | 0.001 |
| E5700823 (5215559) | | 2.78 | 0.004 |
| E5700824 (5215560) | | 2.60 | 0.006 |
| E5700825 (5215561) | | 2.66 | 0.002 |
| E5700826 (5215562) | | 1.94 | 0.308 |
| E5700827 (5215563) | | 0.88 | 0.157 |
| E5700828 (5215564) | | 1.82 | 0.015 |
| E5700829 (5215565) | | 2.72 | 0.002 |
| E5700830 (5215566) | | 1.46 | 0.001 |
| E5700831 (5215567) | | 0.08 | 2.14 |
| E5700832 (5215568) | | 2.46 | 0.002 |
| E5700833 (5215569) | | 2.28 | 0.001 |
| E5700834 (5215570) | | 3.08 | 0.002 |
| E5700835 (5215571) | | 2.42 | 0.001 |
| E5700836 (5215572) | | 2.08 | 0.002 |
| E5700837 (5215573) | | 2.34 | 0.003 |
| E5700838 (5215574) | | 1.50 | 0.005 |
| E5700839 (5215575) | | 2.16 | 0.011 |
| E5700840 (5215576) | | 1.40 | <0.001 |
| E5700841 (5215577) | | 1.46 | 0.043 |
| E5700842 (5215578) | | 2.18 | 0.085 |
| E5700843 (5215579) | | 0.86 | 0.070 |
| E5700844 (5215580) | | 1.18 | 1.77 |
| E5700845 (5215581) | | 2.60 | 0.020 |
| E5700846 (5215582) | | 2.62 | 2.45 |
| E5700847 (5215583) | | 2.54 | 0.069 |
| E5700848 (5215584) | | 2.54 | 0.002 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U819983

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 14, 2014 DATE RECEIVED: Mar 14, 2014 DATE REPORTED: Mar 28, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5700849 (5215585) | | 2.48 | 0.045 |
| E5700850 (5215586) | | 2.54 | 0.004 |
| E5700851 (5215587) | | 2.68 | 0.002 |
| E5700852 (5215588) | | 0.10 | 0.512 |
| E5700853 (5215589) | | 2.80 | 0.254 |
| E5700854 (5215590) | | 2.64 | <0.001 |
| E5700855 (5215591) | | 2.52 | <0.001 |
| E5700856 (5215592) | | 2.38 | 0.002 |
| E5700857 (5215593) | | 2.88 | 0.002 |
| E5700858 (5215594) | | 2.76 | 0.008 |
| E5700859 (5215595) | | 2.88 | 0.085 |
| E5700860 (5215596) | | 2.92 | 0.132 |
| E5700861 (5215597) | | 1.08 | 0.001 |
| E5700862 (5215598) | | 2.68 | 0.012 |
| E5700863 (5215599) | | 2.80 | 0.014 |
| E5700864 (5215600) | | 2.38 | 0.730 |
| E5700865 (5215601) | | 2.52 | 0.083 |
| E5700866 (5215602) | | 4.06 | 0.005 |
| E5700867 (5215603) | | 3.70 | 0.002 |
| E5700868 (5215604) | | 3.32 | 0.002 |
| E5700869 (5215605) | | 3.18 | 0.003 |
| E5700870 (5215606) | | 3.46 | 0.003 |
| E5700871 (5215607) | | 2.78 | 0.004 |
| E5700872 (5215608) | | 0.10 | 0.886 |
| E5700873 (5215609) | | 3.66 | 0.002 |
| E5700874 (5215610) | | 3.16 | 0.004 |
| E5700875 (5215611) | | 1.20 | 0.029 |
| E5700876 (5215612) | | 2.58 | 0.019 |
| E5700877 (5215613) | | 3.02 | 0.006 |
| E5700878 (5215614) | | 2.78 | 0.001 |
| E5700879 (5215615) | | 1.70 | 0.003 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U819983

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 14, 2014

DATE RECEIVED: Mar 14, 2014

DATE REPORTED: Mar 28, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5700880 (5215616) | | 2.94 | <0.001 |
| E5700881 (5215617) | | 1.60 | <0.001 |
| E5700882 (5215618) | | 2.58 | 0.012 |
| E5700883 (5215619) | | 2.56 | 0.005 |
| E5700884 (5215620) | | 2.06 | 0.011 |
| E5700885 (5215621) | | 1.94 | 0.004 |
| E5700886 (5215622) | | 1.78 | 0.009 |
| E5700887 (5215623) | | 2.16 | 0.008 |
| E5700888 (5215624) | | 1.94 | 0.014 |
| E5700889 (5215625) | | 1.56 | 0.003 |
| E5700890 (5215626) | | 2.00 | 0.006 |
| E5700891 (5215627) | | 2.02 | 0.011 |
| E5700892 (5215628) | | 3.60 | 0.004 |
| E5700893 (5215629) | | 0.10 | 3.54 |
| E5700894 (5215630) | | 2.24 | 0.008 |
| E5700895 (5215631) | | 1.40 | 0.004 |
| E5700896 (5215632) | | 1.90 | 0.013 |
| E5700897 (5215633) | | 3.60 | 0.003 |
| E5700898 (5215634) | | 2.42 | 0.004 |
| E5700899 (5215635) | | 3.26 | <0.001 |
| E5700900 (5215636) | | 3.68 | 0.005 |
| E5700901 (5215637) | | 3.72 | 0.007 |
| E5700902 (5215638) | | 3.50 | 0.025 |
| E5700903 (5215639) | | 3.48 | 0.004 |
| E5700904 (5215640) | | 1.42 | 0.009 |
| E5700905 (5215641) | | 0.70 | <0.001 |
| E5700906 (5215642) | | 2.58 | 0.014 |
| E5700907 (5215643) | | 2.10 | 0.007 |
| E5700908 (5215644) | | 2.78 | 0.050 |
| E5700909 (5215645) | | 2.56 | 0.019 |

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 14U819983

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 14, 2014

DATE RECEIVED: Mar 14, 2014

DATE REPORTED: Mar 28, 2014

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700818 | 0.003 | 0.002 | | E5700832 | 0.002 | 0.002 | 0.0% | E5700843 | 0.070 | 0.071 | 1.4% | E5700857 | 0.002 | 0.002 | 0.0% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | REPLICATE #8 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700868 | 0.002 | 0.002 | 0.0% | E5700882 | 0.012 | 0.005 | | E5700894 | 0.008 | 0.007 | 13.3% | E5700907 | 0.007 | 0.007 | 0.0% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| | CRM #1 (GS6D) | | | | CRM #2 (GS6D) | | | | CRM #3 (1P5K) | | | | CRM #4 (GSP7J) | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 6.09 | 5.87 | 96% | 90% - 110% | 6.09 | 5.96 | 98% | 90% - 110% | 1.44 | 1.55 | 108% | 90% - 110% | 0.722 | 0.698 | 97% | 90% - 110% |
| | CRM #5 (GS6D) | | | | CRM #6 (GS6D) | | | | CRM #7 (1P5K) | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 6.09 | 5.61 | 92% | 90% - 110% | 6.09 | 5.67 | 93% | 90% - 110% | 1.44 | 1.58 | 110% | 90% - 110% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U819983

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U819984

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 28, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U819984

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 14, 2014 DATE RECEIVED: Mar 14, 2014 DATE REPORTED: Mar 28, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| | | 0.01 | 0.001 |
| E5700910 (5215671) | | 2.88 | 0.235 |
| E5700911 (5215672) | | 2.42 | 0.064 |
| E5700912 (5215673) | | 2.56 | 0.245 |
| E5700913 (5215674) | | 1.50 | 0.041 |
| E5700914 (5215675) | | 0.96 | 0.055 |
| E5700915 (5215676) | | 0.62 | <0.001 |
| E5700916 (5215677) | | 1.48 | 0.045 |
| E5700917 (5215678) | | 2.46 | 0.049 |
| E5700918 (5215679) | | 2.60 | 0.009 |
| E5700919 (5215680) | | 2.62 | 0.018 |
| E5700955 (5215681) | | 2.94 | 0.076 |
| E5700956 (5215682) | | 2.22 | 0.225 |
| E5700957 (5215683) | | 2.86 | 0.068 |
| E5700958 (5215684) | | 3.00 | 0.039 |
| E5700959 (5215685) | | 0.46 | 0.001 |
| E5700960 (5215686) | | 2.02 | 0.029 |
| E5700961 (5215687) | | 2.04 | 0.104 |
| E5700962 (5215688) | | 1.76 | 0.137 |
| E5700963 (5215689) | | 2.38 | 0.022 |
| E5700964 (5215690) | | 2.38 | 0.722 |
| E5700965 (5215691) | | 2.20 | 0.006 |
| E5700966 (5215692) | | 1.60 | 0.180 |
| E5700967 (5215693) | | 0.10 | 3.29 |
| E5700968 (5215694) | | 1.36 | 0.058 |
| E5700969 (5215695) | | 1.44 | 1.33 |
| E5700970 (5215696) | | 2.26 | 0.065 |
| E5700971 (5215697) | | 0.86 | 0.048 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-----|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700955 | 0.076 | 0.050 | | E5700970 | 0.065 | 0.059 | 9.7% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | CRM #3 (GSP7J) | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 1.44 | 1.58 | 110% | 90% - 110% | 6.09 | 5.99 | 98% | 90% - 110% | 0.722 | 0.668 | 92% | 90% - 110% | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U819984

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U823861

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Apr 04, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U823861

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 27, 2014

DATE RECEIVED: Mar 27, 2014

DATE REPORTED: Apr 04, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5700920 (5241962) | | 2.14 | 0.107 |
| E5700921 (5241963) | | 0.94 | 0.203 |
| E5700922 (5241964) | | 3.26 | 0.044 |
| E5700923 (5241965) | | 1.32 | 1.53 |
| E5700924 (5241966) | | 1.34 | <0.001 |
| E5700925 (5241967) | | 2.68 | 0.035 |
| E5700926 (5241968) | | 3.40 | 0.069 |
| E5700927 (5241969) | | 3.46 | 0.010 |
| E5700928 (5241970) | | 2.44 | 0.022 |
| E5700929 (5241971) | | 2.02 | 0.021 |
| E5700930 (5241972) | | 1.00 | 0.019 |
| E5700931 (5241973) | | 1.82 | 0.019 |
| E5700932 (5241974) | | 2.38 | 0.088 |
| E5700933 (5241975) | | 3.16 | 0.027 |
| E5700934 (5241976) | | 3.16 | 0.019 |
| E5700935 (5241977) | | 3.14 | 0.022 |
| E5700936 (5241978) | | 2.10 | 0.215 |
| E5700937 (5241979) | | 0.10 | 0.854 |
| E5700938 (5241980) | | 2.50 | 0.031 |
| E5700939 (5241981) | | 2.76 | 0.024 |
| E5700940 (5241982) | | 3.10 | 0.332 |
| E5700941 (5241983) | | 1.90 | 1.31 |
| E5700942 (5241984) | | 1.08 | 1.12 |
| E5700943 (5241985) | | 2.90 | 0.063 |
| E5700944 (5241986) | | 1.30 | <0.001 |
| E5700945 (5241987) | | 2.66 | 0.023 |
| E5700946 (5241988) | | 2.70 | 0.007 |
| E5700947 (5241989) | | 2.78 | 0.012 |
| E5700948 (5241990) | | 2.72 | 0.020 |
| E5700949 (5241991) | | 2.18 | 0.003 |
| E5700950 (5241992) | | 2.28 | 0.004 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U823861

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 27, 2014 DATE RECEIVED: Mar 27, 2014 DATE REPORTED: Apr 04, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5700951 (5241993) | | 3.06 | 0.004 |
| E5700952 (5241994) | | 1.10 | 0.001 |
| E5700953 (5241995) | | 3.12 | 0.005 |
| E5700954 (5241996) | | 0.08 | 2.08 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700932 | 0.088 | 0.115 | 26.6% | E5700945 | 0.023 | 0.024 | 4.3% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (PG129) | | | | CRM #2 (1P5K) | | | | CRM #3 (GS6D) | | | | | | | |
|-----------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 1.1 | 1.1 | 98% | 90% - 110% | 1.44 | 1.41 | 98% | 90% - 110% | 6.09 | 6.54 | 107% | 90% - 110% | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U823861

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: Craig Todd

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U823857

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Apr 04, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U823857

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Mar 27, 2014

DATE RECEIVED: Mar 27, 2014

DATE REPORTED: Apr 04, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| | | 0.01 | 0.001 |
| E5700972 (5241926) | | 1.68 | <0.001 |
| E5700973 (5241927) | | 1.54 | <0.001 |
| E5700974 (5241928) | | 2.30 | 0.002 |
| E5700975 (5241929) | | 1.70 | 0.020 |
| E5700976 (5241930) | | 0.92 | <0.001 |
| E5700977 (5241931) | | 1.00 | <0.001 |
| E5700978 (5241932) | | 0.76 | 0.017 |
| E5700979 (5241933) | | 2.14 | 0.002 |
| E5700980 (5241934) | | 2.40 | <0.001 |
| E5700981 (5241935) | | 3.00 | 0.055 |
| E5700982 (5241936) | | 1.60 | 0.208 |
| E5700983 (5241937) | | 0.84 | 0.613 |
| E5700984 (5241938) | | 1.94 | 0.445 |
| E5700985 (5241939) | | 2.28 | 0.400 |
| E5700986 (5241940) | | 0.10 | 0.845 |
| E5700987 (5241941) | | 0.66 | 0.286 |
| E5700988 (5241942) | | 2.20 | 0.010 |
| E5700989 (5241943) | | 2.88 | 0.009 |
| E5700990 (5241944) | | 2.34 | 0.009 |
| E5700991 (5241945) | | 1.18 | 0.272 |
| E5700992 (5241946) | | 1.96 | 0.011 |
| E5700993 (5241947) | | 0.84 | 0.323 |
| E5700994 (5241948) | | 0.68 | <0.001 |
| E5700995 (5241949) | | 2.64 | 0.030 |
| E5700996 (5241950) | | 2.82 | 0.020 |
| E5700997 (5241951) | | 1.48 | 0.043 |
| E5700998 (5241952) | | 2.60 | 0.011 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700984 | 0.445 | 0.411 | 7.9% | E5700997 | 0.043 | 0.046 | 6.7% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (GS6D) | | | | CRM #2 (GSP7J) | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|----------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 6.09 | 6.54 | 107% | 90% - 110% | 0.722 | 0.668 | 93% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U823857

PROJECT NO: HISLOP PROJECT

ATTENTION TO: Craig Todd

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U834176

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: May 12, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U834176

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 30, 2014

DATE RECEIVED: Apr 29, 2014

DATE REPORTED: May 12, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5700010 (5321139) | | 2.48 | 0.895 | |
| E5700011 (5321140) | | 2.02 | 1.25 | |
| E5700012 (5321141) | | 1.96 | 0.487 | |
| E5700013 (5321142) | | 1.20 | 0.003 | |
| E5700014 (5321143) | | 1.14 | 0.622 | |
| E5700015 (5321144) | | 1.52 | 0.355 | |
| E5700016 (5321145) | | 1.44 | 0.359 | |
| E5700017 (5321146) | | 0.80 | 0.057 | |
| E5700018 (5321147) | | 2.18 | 0.282 | |
| E5700019 (5321148) | | 1.10 | 0.308 | |
| E5700020 (5321149) | | 1.68 | 0.090 | |
| E5700021 (5321150) | | 1.88 | 0.003 | |
| E5700022 (5321151) | | 2.26 | 0.086 | |
| E5700023 (5321152) | | 2.28 | 0.142 | |
| E5700024 (5321153) | | 2.14 | 0.252 | |
| E5700025 (5321154) | | 0.10 | 0.513 | |
| E5700026 (5321155) | | 0.90 | 0.689 | |
| E5700027 (5321156) | | 0.98 | 0.302 | |
| E5700028 (5321157) | | 1.84 | 3.94 | |
| E5700029 (5321158) | | 1.24 | >10 | 14.7 |
| E5700030 (5321159) | | 2.20 | 0.612 | |
| E5700031 (5321160) | | 2.28 | 0.836 | |
| E5700032 (5321161) | | 2.26 | 4.53 | |
| E5700033 (5321162) | | 2.34 | 0.632 | |
| E5700034 (5321163) | | 3.30 | 0.281 | |
| E5700035 (5321164) | | 0.94 | 0.005 | |
| E5700036 (5321165) | | 3.24 | 1.77 | |
| E5700037 (5321166) | | 2.20 | 0.247 | |
| E5700038 (5321167) | | 2.28 | 0.921 | |
| E5700039 (5321168) | | 1.20 | 1.66 | |
| E5700040 (5321169) | | 1.90 | 0.493 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U834176

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 30, 2014 DATE RECEIVED: Apr 29, 2014 DATE REPORTED: May 12, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E5700041 (5321170) | | 1.56 | 1.42 | |
| E5700042 (5321171) | | 1.54 | 5.83 | |
| E5700043 (5321172) | | 1.78 | 1.56 | |
| E5700044 (5321173) | | 1.66 | 0.596 | |
| E5700045 (5321174) | | 0.10 | 0.876 | |
| E5700046 (5321175) | | 1.58 | 0.781 | |
| E5700047 (5321176) | | 1.00 | 0.514 | |
| E5700048 (5321177) | | 2.32 | 0.383 | |
| E5700049 (5321178) | | 2.06 | 0.452 | |
| E5700050 (5321179) | | 1.14 | 0.083 | |
| E5700051 (5321180) | | 3.04 | 0.074 | |
| E5700052 (5321181) | | 2.28 | 0.144 | |
| E5700053 (5321182) | | 1.82 | 0.078 | |
| E5700054 (5321183) | | 2.16 | 0.166 | |
| E5700055 (5321184) | | 1.16 | 0.001 | |
| E5700056 (5321185) | | 2.86 | 0.006 | |
| E5700057 (5321186) | | 2.08 | 0.358 | |
| E5700058 (5321188) | | 2.94 | 0.216 | |
| E5700059 (5321189) | | 2.76 | 0.444 | |
| E5700060 (5321190) | | 2.28 | 0.962 | |
| E5700061 (5321191) | | 2.38 | 0.458 | |
| E5700062 (5321192) | | 2.20 | 0.333 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700010 | 0.895 | 0.892 | 0.3% | E5700023 | 0.142 | 0.161 | 12.5% | E5700035 | 0.005 | 0.008 | 46.2% | E5700036 | 1.77 | 1.54 | 13.9% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700048 | 0.383 | 0.432 | 12.0% | E5700060 | 0.962 | 0.847 | 12.7% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | CRM #3 (GSP7J) | | | | CRM #4 | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|--------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.46 | 102% | 90% - 110% | 6.09 | 6.09 | 100% | 90% - 110% | 0.722 | 0.668 | 93% | 90% - 110% | | | | |
| Au-Grav | | | | | | | | | | | | | 14.8 | 14.4 | 97% | 95% - 105% |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U834176

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U827809

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Apr 28, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U827809

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 09, 2014

DATE RECEIVED: Apr 09, 2014

DATE REPORTED: Apr 28, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5700063 (5268943) | | 2.28 | 6.09 | |
| E5700064 (5268944) | | 2.24 | 0.492 | |
| E5700065 (5268945) | | 2.06 | 0.076 | |
| E5700066 (5268946) | | 2.22 | 0.010 | |
| E5700067 (5268947) | | 1.28 | 0.010 | |
| E5700068 (5268948) | | 2.30 | 0.023 | |
| E5700069 (5268949) | | 2.50 | 0.010 | |
| E5700070 (5268950) | | 1.28 | 1.91 | |
| E5700071 (5268951) | | 1.20 | 0.528 | |
| E5700072 (5268952) | | 3.32 | 0.016 | |
| E5700073 (5268953) | | 2.40 | 0.007 | |
| E5700074 (5268954) | | 2.24 | 0.016 | |
| E5700075 (5268955) | | 0.70 | 7.75 | |
| E5700076 (5268956) | | 0.10 | 2.23 | |
| E5700077 (5268957) | | 3.20 | 1.57 | |
| E5700078 (5268958) | | 1.60 | 1.32 | |
| E5700079 (5268959) | | 2.38 | 0.090 | |
| E5700080 (5268960) | | 2.54 | 5.89 | |
| E5700081 (5268961) | | 3.42 | 2.29 | |
| E5700082 (5268962) | | 3.42 | 0.061 | |
| E5700083 (5268963) | | 3.56 | 0.011 | |
| E5700084 (5268964) | | 3.42 | 0.007 | |
| E5700085 (5268965) | | 3.28 | 0.007 | |
| E5700086 (5268966) | | 3.34 | 0.007 | |
| E5700087 (5268967) | | 3.08 | 0.541 | |
| E5700088 (5268968) | | 1.60 | 0.004 | |
| E5700089 (5268969) | | 1.70 | 1.11 | |
| E5700090 (5268970) | | 2.54 | 2.94 | |
| E5700091 (5268971) | | 3.46 | 2.28 | |
| E5700092 (5268972) | | 3.48 | 0.306 | |
| E5700093 (5268973) | | 3.20 | 1.03 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U827809

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 09, 2014

DATE RECEIVED: Apr 09, 2014

DATE REPORTED: Apr 28, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E5700094 (5268974) | | 3.02 | 0.471 | |
| E5700095 (5268975) | | 1.86 | 3.28 | |
| E5700096 (5268976) | | 2.56 | 7.14 | |
| E5700097 (5268977) | | 0.10 | 3.56 | |
| E5700098 (5268978) | | 2.44 | 6.66 | |
| E5700099 (5268979) | | 1.82 | 6.18 | |
| E5700100 (5268980) | | 1.64 | >10 | 19.2 |
| E5700101 (5268981) | | 1.78 | >10 | 25.7 |
| E5700102 (5268982) | | 2.28 | >10 | 29.7 |
| E5700103 (5268983) | | 3.20 | 1.53 | |
| E5700104 (5268984) | | 1.60 | 0.200 | |
| E5700105 (5268985) | | 1.06 | 3.80 | |
| E5700106 (5268986) | | 2.34 | 0.193 | |
| E5700107 (5268987) | | 1.14 | 0.010 | |
| E5700108 (5268988) | | 2.52 | 0.022 | |
| E5700109 (5268989) | | 3.08 | 0.016 | |
| E5700110 (5268990) | | 3.40 | 0.040 | |
| E5700111 (5268991) | | 3.40 | 0.008 | |
| E5700112 (5268992) | | 2.36 | 0.018 | |
| E5700113 (5268993) | | 2.32 | 0.010 | |
| E5700114 (5268994) | | 1.20 | 1.45 | |
| E5700115 (5268995) | | 0.10 | 0.536 | |
| E5700116 (5268996) | | 1.72 | 0.096 | |
| E5700117 (5268997) | | 2.56 | 0.029 | |
| E5700118 (5268998) | | 2.00 | 0.009 | |
| E5700119 (5268999) | | 1.32 | 0.018 | |
| E5700120 (5269000) | | 2.02 | 0.015 | |
| E5700121 (5269001) | | 1.58 | 0.031 | |
| E5700122 (5269002) | | 1.56 | 0.105 | |
| E5700123 (5269003) | | 2.40 | 0.024 | |
| E5700124 (5269004) | | 2.94 | 0.425 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U827809

PROJECT NO: HISLOP PROJECT

5623 McADAM ROAD
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 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 09, 2014

DATE RECEIVED: Apr 09, 2014

DATE REPORTED: Apr 28, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5700125 (5269005) | | 1.64 | 1.99 | |
| E5700126 (5269006) | | 2.34 | 6.31 | |
| E5700127 (5269007) | | 1.36 | 0.006 | |
| E5700128 (5269008) | | 2.06 | 6.04 | |
| E5700129 (5269009) | | 1.94 | 2.59 | |
| E5700130 (5269010) | | 2.24 | 0.658 | |
| E5700131 (5269011) | | 2.70 | 6.03 | |
| E5700132 (5269012) | | 2.82 | >10 | 21.0 |
| E5700133 (5269013) | | 2.38 | 3.08 | |
| E5700134 (5269014) | | 2.18 | 0.796 | |
| E5700135 (5269015) | | 2.42 | 0.460 | |
| E5700136 (5269016) | | 0.10 | 2.32 | |
| E5700137 (5269017) | | 2.42 | 0.097 | |
| E5700138 (5269018) | | 2.94 | 0.037 | |
| E5700139 (5269019) | | 2.68 | 0.337 | |
| E5700140 (5269020) | | 2.62 | 1.46 | |
| E5700141 (5269021) | | 2.18 | 0.928 | |
| E5700142 (5269022) | | 2.20 | 0.717 | |
| E5700143 (5269023) | | 1.36 | 1.65 | |
| E5700144 (5269024) | | 1.72 | 2.70 | |
| E5700145 (5269025) | | 1.06 | 0.013 | |
| E5700146 (5269026) | | 3.04 | 2.10 | |
| E5700147 (5269027) | | 2.70 | 1.12 | |
| E5700148 (5269028) | | 2.88 | 0.105 | |
| E5700149 (5269029) | | 2.22 | 2.43 | |
| E5700150 (5269030) | | 1.08 | 0.026 | |
| E5700151 (5269031) | | 1.84 | 0.028 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700138 | 0.037 | 0.048 | 25.9% | E5700077 | 1.57 | 1.74 | 10.3% | E5700089 | 1.11 | 0.894 | 21.6% | E5700101 | > 10 | > 10 | 0.0% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700113 | 0.010 | 0.011 | 9.5% | E5700126 | 6.31 | 5.06 | 22.0% | | | | | | | | |
| Au-Grav | | | | | | | | | E5700132 | 21.0 | 21.8 | 3.7% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (GS6D) | | | | CRM #2 (GS6D) | | | | CRM #3 (Oxe101) | | | | CRM #4 (1P5K) | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|-----------------|--------|----------|------------|---------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 6.09 | 6 | 98% | 90% - 110% | 6.09 | 6.36 | 104% | 90% - 110% | 0.607 | 0.638 | 105% | 90% - 110% | 1.44 | 1.45 | 101% | 90% - 110% |
| CRM #5 | | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au-Grav | 14.8 | 15.9 | 107% | 90% - 110% | | | | | | | | | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U827809

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U835797

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: May 09, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U835797

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 05, 2014

DATE RECEIVED: May 02, 2014

DATE REPORTED: May 09, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| | | 0.01 | 0.001 |
| E5700389 (5333595) | | 3.42 | 3.01 |
| E5700390 (5333596) | | 1.78 | 1.92 |
| E5700391 (5333597) | | 0.94 | 4.27 |
| E5700392 (5333598) | | 2.06 | 0.015 |
| E5700393 (5333599) | | 2.22 | 0.019 |
| E5700394 (5333600) | | 3.44 | 0.020 |
| E5700395 (5333601) | | 1.10 | <0.001 |
| E5700396 (5333602) | | 3.08 | 0.064 |
| E5700397 (5333603) | | 2.24 | 0.097 |
| E5700398 (5333604) | | 2.46 | 0.014 |
| E5700399 (5333605) | | 2.78 | 0.040 |
| E5700400 (5333606) | | 1.88 | 0.014 |
| E5700401 (5333607) | | 2.32 | 0.125 |
| E5700402 (5333608) | | 2.20 | 0.009 |
| E5700403 (5333609) | | 3.48 | 0.009 |
| E5700404 (5333610) | | 0.10 | 0.541 |
| E5700405 (5333611) | | 3.32 | 0.055 |
| E5700406 (5333612) | | 3.08 | 0.057 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700389 | 3.01 | 3.40 | 12.2% | E5700402 | 0.009 | 0.009 | 0.0% | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U835797

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (GSP7J) | | | | | | | | | | | | | |
|-----------|----------------|--------|----------|------------|--|--|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | | | | | | | | | | |
| Au | 0.722 | 0.742 | 103% | 90% - 110% | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U835797

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U841396

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

DATE REPORTED: May 27, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U841396

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 16, 2014

DATE REPORTED: May 27, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5700460 (5379852) | | 2.38 | 0.013 | |
| E5700461 (5379853) | | 2.26 | 0.370 | |
| E5700462 (5379854) | | 2.22 | 0.953 | |
| E5700463 (5379855) | | 1.90 | 0.666 | |
| E5700464 (5379856) | | 1.22 | 0.002 | |
| E5700465 (5379857) | | 1.88 | 0.006 | |
| E5700466 (5379858) | | 1.62 | 0.006 | |
| E5700467 (5379859) | | 2.18 | 0.024 | |
| E5700468 (5379860) | | 1.38 | 0.011 | |
| E5700469 (5379861) | | 1.98 | 0.012 | |
| E5700470 (5379862) | | 2.24 | 0.028 | |
| E5700471 (5379863) | | 1.82 | 0.016 | |
| E5700472 (5379864) | | 0.10 | 3.36 | |
| E5700473 (5379865) | | 2.10 | 0.025 | |
| E5700474 (5379866) | | 2.24 | 0.009 | |
| E5700475 (5379867) | | 2.10 | 0.006 | |
| E5700476 (5379868) | | 1.56 | 0.028 | |
| E5700477 (5379869) | | 2.94 | 0.004 | |
| E5700478 (5379870) | | 2.74 | 0.004 | |
| E5700479 (5379871) | | 1.86 | 0.007 | |
| E5700480 (5379872) | | 2.08 | 0.008 | |
| E5700481 (5379873) | | 2.72 | 0.015 | |
| E5700482 (5379874) | | 2.48 | 0.014 | |
| E5700483 (5379875) | | 3.06 | 0.683 | |
| E5700484 (5379876) | | 2.38 | 0.592 | |
| E5700485 (5379877) | | 1.68 | 0.002 | |
| E5700486 (5379878) | | 3.18 | 1.55 | |
| E5700487 (5379879) | | 1.34 | 1.31 | |
| E5700488 (5379880) | | 2.48 | 0.012 | |
| E5700489 (5379881) | | 2.34 | 1.47 | |
| E5700490 (5379882) | | 2.00 | 7.90 | |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14U841396

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 16, 2014

DATE REPORTED: May 27, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5700491 (5379883) | | 1.42 | 2.26 | |
| E5700492 (5379884) | | 2.54 | 0.016 | |
| E5700493 (5379885) | | 2.16 | 0.171 | |
| E5700494 (5379886) | | 2.40 | 0.030 | |
| E5700495 (5379887) | | 0.10 | 0.516 | |
| E5700496 (5379888) | | 2.46 | 0.004 | |
| E5700497 (5379889) | | 2.46 | 0.004 | |
| E5700498 (5379890) | | 2.32 | 0.003 | |
| E5700499 (5379891) | | 2.42 | 0.169 | |
| E5700500 (5379892) | | 2.26 | 0.040 | |
| E5700501 (5379893) | | 2.36 | 0.006 | |
| E5700502 (5379894) | | 1.86 | 4.59 | |
| E5700503 (5379895) | | 1.56 | 0.761 | |
| E5700504 (5379896) | | 1.64 | 0.001 | |
| E5700505 (5379897) | | 1.86 | 0.965 | |
| E5700506 (5379898) | | 2.12 | 6.61 | |
| E5700507 (5379899) | | 1.42 | >10 | 9.75 |
| E5700508 (5379900) | | 2.02 | >10 | 11.91 |
| E5700509 (5379901) | | 1.66 | >10 | 24.02 |
| E5700510 (5379902) | | 1.24 | >10 | 143.7 |
| E5700511 (5379903) | | 1.88 | 2.05 | |
| E5700512 (5379904) | | 3.18 | 0.066 | |
| E5700513 (5379905) | | 2.08 | 0.223 | |
| E5700514 (5379906) | | 2.46 | 0.494 | |
| E5700515 (5379907) | | 0.10 | 0.864 | |
| E5700516 (5379908) | | 0.82 | 0.392 | |
| E5700517 (5379909) | | 2.26 | 0.913 | |
| E5700518 (5379910) | | 2.28 | 0.339 | |
| E5700519 (5379911) | | 2.30 | 0.070 | |
| E5700520 (5379912) | | 2.64 | 0.017 | |

Certified By:

Ron Cardinal



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 14U841396

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 16, 2014

DATE REPORTED: May 27, 2014

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700460 | 0.013 | 0.020 | | E5700473 | 0.025 | 0.100 | | E5700486 | 1.55 | 1.29 | 18.3% | E5700498 | 0.003 | 0.004 | 28.6% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E5700510 | > 10 | > 10 | 0.0% | | | | | | | | | | | | |
| Au-Grav | | | | | E5700507 | 9.75 | 6.05 | 46.8% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| | CRM #1 (1P5K) | | | | CRM #2 (GSP7J) | | | | CRM #3 (1P5K) | | | | CRM #4 (GS6D) | | | |
|-----------|----------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.38 | 96% | 90% - 110% | 0.722 | 0.662 | 92% | 90% - 110% | 1.44 | 1.5 | 104% | 90% - 110% | 6.09 | 5.78 | 95% | 90% - 110% |
| | CRM #5 (GSP7J) | | | | CRM #6 | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 0.722 | 0.725 | 100% | 90% - 110% | | | | | | | | | | | | |
| Au-Grav | | | | | 14.90 | 14.97 | 100% | 95% - 105% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U841396

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U863126

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

DATE REPORTED: Aug 08, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U863126

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 14, 2014

DATE REPORTED: Aug 08, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E5702330 (5570096) | | 1.82 | >10 | 19.2 |
| E5702331 (5570097) | | 3.18 | >10 | 10.5 |
| E5702332 (5570098) | | 2.12 | 0.015 | |
| E5702333 (5570099) | | 2.52 | 0.034 | |
| E5702334 (5570100) | | 2.32 | 0.014 | |
| E5702335 (5570103) | | 2.68 | 0.017 | |
| E5702336 (5570104) | | 0.82 | 0.010 | |
| E5702337 (5570105) | | 0.82 | 0.023 | |
| E5702338 (5570106) | | 2.96 | 0.009 | |
| E5702339 (5570107) | | 0.70 | 0.006 | |
| E5702340 (5570108) | | 3.00 | 0.003 | |
| E5702341 (5570109) | | 2.48 | 0.005 | |
| E5702342 (5570110) | | 2.30 | 0.021 | |
| E5702343 (5570111) | | 2.34 | 0.015 | |
| E5702344 (5570112) | | 2.16 | 0.004 | |
| E5702345 (5570113) | | 0.10 | 0.906 | |
| E5702346 (5570114) | | 2.04 | 0.008 | |
| E5702347 (5570115) | | 2.30 | 0.006 | |
| E5702348 (5570116) | | 2.18 | 0.003 | |
| E5702349 (5570117) | | 2.48 | 0.007 | |
| E5702350 (5570118) | | 2.14 | 0.004 | |
| E5702351 (5570119) | | 2.32 | 0.004 | |
| E5702352 (5570120) | | 2.30 | 0.006 | |
| E5702353 (5570121) | | 2.28 | 0.016 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5702330 | > 10 | > 10 | 0.0% | E5702343 | 0.015 | 0.021 | 33.4% | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U863126

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (OxE101) | | | | | | | | | |
|-----------|---------------|--------|----------|------------|-----------------|--------|----------|------------|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | |
| Au | 1.44 | 1.45 | 100% | 90% - 110% | 0.607 | 0.605 | 99% | 90% - 110% | | | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U863126

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U841398

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

DATE REPORTED: May 27, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U841398

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 20, 2014

DATE REPORTED: May 27, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E5702389 (5379943) | | 2.60 | 0.011 | |
| E5702390 (5379944) | | 1.40 | 0.073 | |
| E5702391 (5379945) | | 1.76 | 0.056 | |
| E5702392 (5379946) | | 2.60 | 2.33 | |
| E5702393 (5379947) | | 2.48 | 0.061 | |
| E5702394 (5379948) | | 0.82 | 8.54 | |
| E5702395 (5379949) | | 0.10 | 6.51 | |
| E5702396 (5379950) | | 2.48 | 0.736 | |
| E5702397 (5379951) | | 2.52 | 4.06 | |
| E5702398 (5379952) | | 1.18 | 2.45 | |
| E5702399 (5379953) | | 3.02 | 3.71 | |
| E5702400 (5379954) | | 1.94 | 4.16 | |
| E5702401 (5379955) | | 0.66 | 2.62 | |
| E5702402 (5379956) | | 1.40 | >10 | 8.37 |
| E5702403 (5379957) | | 1.42 | 0.002 | |
| E5702404 (5379958) | | 1.56 | >10 | 16.18 |
| E5702405 (5379959) | | 2.10 | >10 | 31.76 |
| E5702406 (5379960) | | 1.48 | >10 | 13.60 |
| E5702407 (5379961) | | 1.16 | 1.60 | |
| E5702408 (5379962) | | 1.76 | 6.93 | |
| E5702409 (5379963) | | 1.66 | 7.12 | |
| E5702410 (5379964) | | 1.92 | 0.035 | |
| E5702411 (5379965) | | 1.86 | 0.028 | |
| E5702412 (5379966) | | 0.94 | 0.029 | |
| E5702413 (5379967) | | 2.96 | 0.085 | |
| E5702414 (5379968) | | 2.60 | 0.011 | |
| E5702415 (5379969) | | 1.26 | 0.029 | |
| E5702416 (5379970) | | 2.28 | 0.021 | |
| E5702417 (5379971) | | 2.56 | 0.025 | |
| E5702418 (5379972) | | 1.74 | 0.024 | |

Certified By:

Ron Cardinal



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 14U841398

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 20, 2014

DATE REPORTED: May 27, 2014

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-----|--------------|----------|-----------|------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E5702389 | 0.011 | 0.011 | 0.0% | E5702401 | 2.62 | 1.48 | | E5702414 | 0.011 | 0.012 | 8.7% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (GSP7J) | | | | CRM #2 (GS6D) | | | | CRM #3 | | | | | | | | |
|-----------|----------------|--------|----------|------------|---------------|--------|----------|------------|--------|--------|----------|------------|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | |
| Au | 0.722 | 0.67 | 93% | 90% - 110% | 6.09 | 5.84 | 96% | 90% - 110% | | | | | | | | | |
| Au-Grav | | | | | | | | | 14.90 | 14.97 | 100% | 95% - 105% | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U841398

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



CLIENT NAME: ST ANDREW GOLDFIELDS LTD
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(705) 567-4862

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U841402

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

DATE REPORTED: May 29, 2014

PAGES (INCLUDING COVER): 8

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U841402

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 20, 2014

DATE REPORTED: May 29, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5700521 (5380003) | | 2.50 | 0.138 |
| E5700522 (5380004) | | 1.38 | 0.083 |
| E5700523 (5380005) | | 2.88 | 0.351 |
| E5700524 (5380006) | | 2.90 | 0.121 |
| E5700525 (5380007) | | 1.40 | 0.001 |
| E5700526 (5380009) | | 2.60 | 0.011 |
| E5700527 (5380010) | | 2.28 | 0.004 |
| E5700528 (5380011) | | 2.20 | 0.008 |
| E5700529 (5380012) | | 1.70 | 0.005 |
| E5700530 (5380013) | | 2.38 | 0.005 |
| E5700531 (5380014) | | 2.46 | 0.008 |
| E5700532 (5380015) | | 2.06 | 0.002 |
| E5700533 (5380016) | | 2.62 | 0.005 |
| E5700534 (5380017) | | 1.26 | 0.006 |
| E5700535 (5380018) | | 0.08 | 0.500 |
| E5700536 (5380019) | | 2.36 | 0.004 |
| E5700537 (5380020) | | 1.18 | 0.003 |
| E5700538 (5380021) | | 3.44 | 0.005 |
| E5700539 (5380022) | | 2.02 | 0.005 |
| E5700540 (5380023) | | 2.04 | 0.007 |
| E5700541 (5380024) | | 3.12 | 0.005 |
| E5700542 (5380025) | | 3.60 | 0.006 |
| E5700543 (5380026) | | 3.64 | 0.002 |
| E5700544 (5380027) | | 3.70 | 0.004 |
| E5700545 (5380028) | | 1.26 | <0.001 |
| E5700546 (5380029) | | 3.42 | 0.004 |
| E5700547 (5380030) | | 3.52 | 0.007 |
| E5700548 (5380031) | | 1.86 | 0.859 |
| E5700549 (5380032) | | 1.70 | 0.032 |
| E5700550 (5380033) | | 3.62 | 0.005 |
| E5700551 (5380034) | | 3.46 | 0.002 |

Certified By:



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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 20, 2014

DATE REPORTED: May 29, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5700552 (5380035) | | 3.56 | <0.001 |
| E5700553 (5380036) | | 3.36 | 0.005 |
| E5700554 (5380037) | | 2.34 | <0.001 |
| E5700555 (5380038) | | 0.08 | 0.851 |
| E5700556 (5380039) | | 2.26 | 0.003 |
| E5700557 (5380040) | | 2.36 | 0.002 |
| E5700558 (5380041) | | 2.32 | 0.019 |
| E5700559 (5380042) | | 2.38 | 0.003 |
| E5702360 (5380043) | | 2.18 | 0.003 |
| E5702361 (5380044) | | 0.98 | 0.047 |
| E5702362 (5380045) | | 1.70 | 0.004 |
| E5702363 (5380046) | | 2.36 | 0.006 |
| E5702364 (5380047) | | 2.24 | 0.009 |
| E5702365 (5380048) | | 1.36 | <0.001 |
| E5702366 (5380049) | | 2.40 | 0.058 |
| E5702367 (5380050) | | 2.16 | 0.009 |
| E5702368 (5380051) | | 2.44 | 0.005 |
| E5702369 (5380052) | | 1.88 | 0.008 |
| E5702370 (5380053) | | 2.16 | 0.012 |
| E5702371 (5380054) | | 2.78 | 0.002 |
| E5702372 (5380055) | | 2.30 | 0.261 |
| E5702373 (5380056) | | 2.26 | 0.333 |
| E5702374 (5380057) | | 2.20 | 0.247 |
| E5702375 (5380058) | | 0.08 | 0.499 |
| E5702376 (5380059) | | 2.54 | 0.026 |
| E5702377 (5380060) | | 1.96 | 0.023 |
| E5702378 (5380061) | | 2.30 | 0.048 |
| E5702379 (5380062) | | 2.30 | 0.015 |
| E5702380 (5380063) | | 2.36 | 0.004 |
| E5702381 (5380064) | | 2.26 | 0.041 |
| E5702382 (5380065) | | 2.46 | 0.020 |

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Certificate of Analysis

AGAT WORK ORDER: 14U841402

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 20, 2014

DATE REPORTED: May 29, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5702383 (5380066) | | 2.32 | 0.016 |
| E5702384 (5380067) | | 2.32 | 0.008 |
| E5702385 (5380068) | | 1.62 | <0.001 |
| E5702386 (5380069) | | 2.26 | 0.007 |
| E5702387 (5380070) | | 2.40 | 0.002 |
| E5702388 (5380071) | | 2.34 | 0.010 |
| E5702419 (5380072) | | 3.06 | 0.010 |
| E5702420 (5380073) | | 2.08 | 0.025 |
| E5702421 (5380074) | | 2.40 | 0.065 |
| E5702422 (5380075) | | 2.62 | 0.033 |
| E5702423 (5380076) | | 1.62 | 0.234 |
| E5702424 (5380077) | | 0.10 | 0.855 |
| E5702425 (5380078) | | 2.40 | 0.032 |
| E5702426 (5380079) | | 2.46 | 0.086 |
| E5702427 (5380080) | | 2.98 | 0.025 |
| E5702428 (5380081) | | 3.32 | 0.034 |
| E5702429 (5380082) | | 3.28 | 0.017 |
| E5702430 (5380083) | | 3.40 | 0.028 |
| E5702431 (5380084) | | 3.56 | 0.035 |
| E5702432 (5380085) | | 3.46 | 0.008 |
| E5702433 (5380086) | | 3.30 | 0.007 |
| E5702434 (5380087) | | 2.58 | 0.026 |
| E5702435 (5380088) | | 1.46 | 0.002 |
| E5702436 (5380089) | | 2.04 | 0.033 |
| E5702437 (5380090) | | 2.60 | 0.023 |
| E5702438 (5380091) | | 2.58 | 0.017 |
| E5702439 (5380092) | | 2.56 | 0.018 |
| E5702440 (5380093) | | 2.60 | 0.013 |
| E5702441 (5380094) | | 1.24 | 0.064 |
| E5702442 (5380095) | | 2.22 | 0.006 |

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 14U841402

PROJECT NO: HISLOP PROJECT

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

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 20, 2014

DATE REPORTED: May 29, 2014

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|-----|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700521 | 0.138 | 0.136 | 1.5% | E5700534 | 0.006 | 0.003 | | E5700546 | 0.004 | 0.003 | 28.6% | E5700559 | 0.003 | 0.003 | 0.0% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5702371 | 0.002 | 0.002 | 0.0% | E5702384 | 0.008 | 0.012 | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| | CRM #1 (1P5K) | | | | CRM #2 (GSP7J) | | | | CRM #3 (GS6D) | | | | CRM #4 (1P5K) | | | |
|-----------|----------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.47 | 102% | 90% - 110% | 0.722 | 0.786 | 109% | 90% - 110% | 6.09 | 5.9 | 97% | 90% - 110% | 1.44 | 1.32 | 91% | 90% - 110% |
| | CRM #5 (GSP7J) | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au | 0.722 | 0.678 | 94% | 90% - 110% | | | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U841402

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U846107

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

DATE REPORTED: Jun 19, 2014

PAGES (INCLUDING COVER): 7

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*NOTES

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Certificate of Analysis

AGAT WORK ORDER: 14U846107

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 03, 2014 DATE RECEIVED: May 30, 2014 DATE REPORTED: Jun 19, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5702443 (5427921) | | 2.52 | 0.051 |
| E5702444 (5427922) | | 2.76 | 0.059 |
| E5702445 (5427923) | | 2.72 | 0.008 |
| E5702446 (5427924) | | 1.94 | 0.028 |
| E5702447 (5427925) | | 1.10 | <0.001 |
| E5702448 (5427926) | | 2.58 | 0.010 |
| E5702449 (5427927) | | 2.12 | 0.029 |
| E5702450 (5427928) | | 1.74 | 0.005 |
| E5702451 (5427929) | | 1.72 | 0.041 |
| E5702452 (5427930) | | 2.56 | 0.032 |
| E5702453 (5427931) | | 1.92 | 0.003 |
| E5702454 (5427932) | | 2.22 | 0.005 |
| E5702455 (5427933) | | 2.14 | 0.038 |
| E5702456 (5427934) | | 2.30 | 0.003 |
| E5702457 (5427935) | | 0.08 | 0.894 |
| E5702458 (5427936) | | 2.28 | 0.007 |
| E5702459 (5427937) | | 2.28 | 0.004 |
| E5702460 (5427938) | | 2.36 | 0.011 |
| E5702461 (5427939) | | 3.68 | 0.004 |
| E5702462 (5427940) | | 3.48 | 0.004 |
| E5702463 (5427941) | | 3.52 | <0.001 |
| E5702464 (5427942) | | 3.60 | 0.002 |
| E5702465 (5427943) | | 1.70 | 0.038 |
| E5702466 (5427944) | | 2.74 | 0.002 |
| E5702467 (5427945) | | 0.62 | <0.001 |
| E5702468 (5427946) | | 2.78 | <0.001 |
| E5702469 (5427947) | | 3.38 | <0.001 |
| E5702470 (5427948) | | 2.92 | <0.001 |
| E5702471 (5427949) | | 3.02 | 0.002 |
| E5702472 (5427950) | | 3.06 | <0.001 |
| E5702473 (5427951) | | 2.88 | 0.011 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U846107
PROJECT NO: HISLOP PROJECT

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

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 03, 2014 DATE RECEIVED: May 30, 2014 DATE REPORTED: Jun 19, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5702474 (5427952) | | 2.16 | 0.628 |
| E5702475 (5427953) | | 3.02 | 0.005 |
| E5702476 (5427954) | | 3.38 | 0.004 |
| E5702477 (5427955) | | 1.52 | 0.004 |
| E5702478 (5427956) | | 0.08 | 3.50 |
| E5702479 (5427957) | | 2.32 | 1.15 |
| E5702480 (5427958) | | 1.88 | 0.117 |
| E5702481 (5427959) | | 1.86 | 0.017 |
| E5702482 (5427960) | | 2.10 | 0.203 |
| E5702483 (5427961) | | 2.20 | 0.006 |
| E5702484 (5427962) | | 1.44 | 2.01 |
| E5702485 (5427963) | | 1.66 | 0.102 |
| E5702486 (5427964) | | 2.18 | 0.010 |
| E5702487 (5427965) | | 0.96 | 0.003 |
| E5702488 (5427966) | | 2.42 | 0.004 |
| E5702489 (5427967) | | 2.42 | 0.002 |
| E5702490 (5427968) | | 2.62 | 0.003 |
| E5702491 (5427969) | | 2.48 | 0.018 |
| E5702492 (5427970) | | 2.28 | 0.002 |
| E5702493 (5427971) | | 3.16 | 0.006 |
| E5702494 (5427972) | | 2.26 | 0.006 |
| E5702495 (5427973) | | 2.86 | 0.006 |
| E5702496 (5427974) | | 2.46 | 0.004 |
| E5702497 (5427975) | | 2.32 | 0.017 |
| E5702498 (5427976) | | 0.10 | 0.510 |
| E5702499 (5427977) | | 1.82 | 1.61 |
| E5702500 (5427978) | | 2.20 | 6.20 |
| E5702501 (5427979) | | 2.78 | 0.093 |
| E5702502 (5427980) | | 3.34 | 0.682 |
| E5702503 (5427981) | | 3.22 | 0.188 |
| E5702504 (5427982) | | 3.28 | 0.013 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U846107
PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 03, 2014 DATE RECEIVED: May 30, 2014 DATE REPORTED: Jun 19, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5702505 (5427983) | | 3.72 | 0.014 |
| E5702506 (5427984) | | 3.64 | 0.004 |
| E5702507 (5427985) | | 0.80 | <0.001 |
| E5702508 (5427986) | | 3.62 | 0.003 |
| E5702509 (5427987) | | 3.66 | 0.011 |
| E5702510 (5427988) | | 3.64 | 0.009 |
| E5702511 (5427989) | | 3.62 | 0.011 |
| E5702512 (5427990) | | 3.58 | 0.012 |
| E5702513 (5427991) | | 3.70 | 0.023 |
| E5702514 (5427992) | | 3.72 | 0.019 |
| E5702515 (5427993) | | 3.40 | 0.009 |
| E5702516 (5427994) | | 2.22 | 0.001 |
| E5702517 (5427995) | | 0.08 | 0.504 |
| E5702518 (5427996) | | 2.18 | 0.002 |
| E5702519 (5427997) | | 2.54 | 0.002 |
| E5702520 (5427998) | | 2.40 | 0.002 |
| E5702521 (5427999) | | 2.48 | 0.009 |
| E5702522 (5428000) | | 2.14 | 0.001 |
| E5702523 (5428001) | | 2.08 | <0.001 |
| E5702524 (5428002) | | 2.32 | 0.004 |
| E5702525 (5428003) | | 2.86 | 0.010 |
| E5702526 (5428004) | | 1.36 | 0.002 |
| E5702527 (5428005) | | 3.22 | 0.003 |
| E5702528 (5428006) | | 1.00 | 0.004 |
| E5702529 (5428007) | | 0.70 | 0.008 |
| E5702530 (5428008) | | 1.84 | 0.010 |
| E5702531 (5428009) | | 3.76 | 0.005 |
| E5702532 (5428010) | | 3.66 | 0.005 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5702444 | 0.059 | 0.043 | | E5702468 | < 0.001 | < 0.001 | 0.0% | E5702481 | 0.017 | 0.013 | 26.7% | E5702493 | 0.006 | 0.006 | 0.0% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5702506 | 0.004 | 0.004 | 0.0% | E5702518 | 0.002 | 0.002 | 0.0% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (OXE101) | | | | CRM #2 (1P5K) | | | | CRM #3 (GSp7J) | | | | CRM #4 (GS6D) | | | |
|-----------|-----------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.607 | 0.608 | 100% | 90% - 110% | 1.44 | 1.45 | 100% | 90% - 110% | 0.722 | 0.664 | 92% | 90% - 110% | 6.09 | 5.86 | 96% | 90% - 110% |
| Parameter | CRM #5 (GSp7J) | | | | CRM #6 (GS6D) | | | | | | | | | | | |
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 0.722 | 0.668 | 92% | 90% - 110% | 6.09 | 6.15 | 101% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U846107

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U847619

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

DATE REPORTED: Jun 19, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U847619

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 05, 2014 DATE RECEIVED: Jun 03, 2014 DATE REPORTED: Jun 19, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| | | 0.01 | 0.001 |
| E5702533 (5436484) | | 3.74 | 0.007 |
| E5702534 (5436486) | | 2.26 | 0.055 |
| E5702535 (5436487) | | 3.68 | 0.075 |
| E5702536 (5436488) | | 3.62 | 0.195 |
| E5702537 (5436489) | | 4.40 | 0.007 |
| E5702538 (5436490) | | 1.42 | 0.027 |
| E5702539 (5436491) | | 0.10 | 2.15 |
| E5702540 (5436492) | | 1.68 | 0.427 |
| E5702541 (5436493) | | 2.56 | 0.964 |
| E5702542 (5436494) | | 1.62 | 0.145 |
| E5702543 (5436495) | | 1.76 | 0.056 |
| E5702544 (5436496) | | 1.52 | 0.347 |
| E5702545 (5436497) | | 3.70 | 0.010 |
| E5702546 (5436498) | | 3.88 | 0.028 |
| E5702547 (5436499) | | 3.50 | 0.123 |
| E5702548 (5436500) | | 1.18 | 0.002 |
| E5702549 (5436501) | | 1.92 | 0.199 |
| E5702550 (5436502) | | 2.10 | 2.09 |
| E5702551 (5436503) | | 1.90 | 1.45 |
| E5702552 (5436504) | | 2.24 | 0.013 |
| E5702553 (5436505) | | 2.30 | 0.010 |
| E5702554 (5436506) | | 2.60 | 0.007 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|-----|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5702533 | 0.007 | 0.005 | 33.3% | E5702545 | 0.010 | 0.014 | | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U847619

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (OXE101) | | | | CRM #2 (1P5K) | | | | | | | | | |
|-----------|-----------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | |
| Au | 0.607 | 0.607 | 100% | 90% - 110% | 1.44 | 1.33 | 92% | 90% - 110% | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U847619

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U846100

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

DATE REPORTED: Jun 17, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U846100

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 02, 2014 DATE RECEIVED: May 30, 2014 DATE REPORTED: Jun 17, 2014 SAMPLE TYPE: Rock

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5702860 (5421723) | | 2.16 | 0.116 |
| E5702861 (5421724) | | 2.64 | 0.302 |
| E5702862 (5421725) | | 2.50 | 0.076 |
| E5702863 (5421726) | | 2.56 | 0.416 |
| E5702864 (5421727) | | 2.12 | 0.113 |
| E5702865 (5421728) | | 1.60 | <0.001 |
| E5702866 (5421729) | | 0.76 | 0.004 |
| E5702867 (5421730) | | 2.16 | 0.001 |
| E5702868 (5421731) | | 2.36 | 0.014 |
| E5702869 (5421732) | | 3.14 | 0.010 |
| E5702870 (5421733) | | 2.58 | 0.106 |
| E5702871 (5421734) | | 2.62 | 0.001 |
| E5702872 (5421735) | | 2.24 | 0.002 |
| E5702873 (5421736) | | 2.44 | 0.003 |
| E5702874 (5421737) | | 0.10 | 0.530 |
| E5702875 (5421738) | | 2.36 | 0.011 |
| E5702876 (5421739) | | 3.62 | 0.002 |
| E5702877 (5421740) | | 3.62 | 0.003 |
| E5702878 (5421741) | | 0.70 | 0.027 |
| E5702879 (5421742) | | 1.16 | 0.019 |
| E5702880 (5421743) | | 2.04 | 0.028 |
| E5702881 (5421744) | | 1.26 | 0.306 |
| E5702882 (5421745) | | 3.18 | 0.028 |
| E5702883 (5421746) | | 1.26 | 0.021 |
| E5702884 (5421747) | | 1.90 | 0.013 |
| E5702885 (5421748) | | 1.72 | 0.027 |
| E5702886 (5421749) | | 1.64 | 0.005 |
| E5702887 (5421750) | | 0.70 | <0.001 |
| E5702888 (5421751) | | 1.80 | 0.007 |
| E5702889 (5421752) | | 1.70 | 0.005 |
| E5702890 (5421753) | | 1.48 | 0.018 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U846100

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 02, 2014

DATE RECEIVED: May 30, 2014

DATE REPORTED: Jun 17, 2014

SAMPLE TYPE: Rock

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| | | 0.01 | 0.001 |
| E5702891 (5421754) | | 1.52 | 0.006 |
| E5702892 (5421755) | | 1.98 | 0.034 |
| E5702893 (5421756) | | 1.56 | 0.065 |
| E5702894 (5421757) | | 0.10 | 3.47 |
| E5702895 (5421758) | | 1.10 | 1.14 |
| E5702896 (5421759) | | 2.48 | 0.458 |
| E5702897 (5421760) | | 1.96 | 0.016 |
| E5702898 (5421761) | | 2.32 | 0.389 |
| E5702899 (5421762) | | 2.28 | 0.021 |
| E5702900 (5421763) | | 2.20 | 0.103 |
| E5702901 (5421764) | | 1.54 | 0.167 |
| E5702902 (5421765) | | 1.50 | 0.119 |
| E5702903 (5421766) | | 1.80 | 0.036 |
| E5702904 (5421767) | | 2.18 | 0.126 |
| E5702905 (5421768) | | 1.14 | 0.001 |
| E5702906 (5421769) | | 0.90 | 0.399 |
| E5702907 (5421770) | | 0.78 | 0.277 |
| E5702908 (5421771) | | 1.90 | 0.005 |
| E5702909 (5421772) | | 2.58 | 0.014 |
| E5702910 (5421773) | | 1.12 | 0.014 |
| E5702911 (5421774) | | 3.36 | 0.025 |
| E5702912 (5421775) | | 3.54 | 0.135 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|-------|--------------|----------|-----------|-----|--------------|----------|-----------|-----|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5702860 | 0.116 | 0.115 | 0.9% | E5702873 | 0.003 | 0.027 | | E5702885 | 0.027 | 0.019 | | E5702897 | 0.016 | 0.016 | 0.0% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E5702900 | 0.103 | 0.127 | 20.9% | | | | | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U846100

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | CRM #3 (OxE101) | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|-----------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 1.44 | 1.5 | 104% | 90% - 110% | 6.09 | 6.39 | 105% | 90% - 110% | 0.607 | 0.6 | 99% | 90% - 110% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U846100

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U841397

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

DATE REPORTED: May 27, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U841397

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 20, 2014

DATE REPORTED: May 27, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5703039 (5379913) | | 1.92 | 0.007 |
| E5703040 (5379914) | | 2.54 | 0.010 |
| E5703041 (5379915) | | 2.36 | 0.408 |
| E5703042 (5379916) | | 2.32 | 0.013 |
| E5703043 (5379917) | | 2.40 | 0.016 |
| E5703044 (5379918) | | 2.16 | 4.01 |
| E5703045 (5379919) | | 2.08 | 0.725 |
| E5703046 (5379920) | | 1.64 | 0.202 |
| E5703047 (5379921) | | 2.08 | 3.91 |
| E5703048 (5379922) | | 0.10 | 3.41 |
| E5703049 (5379923) | | 2.10 | 7.04 |
| E5703050 (5379924) | | 1.56 | 1.62 |
| E5703051 (5379925) | | 1.32 | 1.42 |
| E5703052 (5379926) | | 1.62 | 3.20 |
| E5703053 (5379927) | | 1.54 | 0.003 |
| E5703054 (5379928) | | 1.10 | 9.82 |
| E5703055 (5379929) | | 2.40 | 7.54 |
| E5703056 (5379930) | | 2.26 | 0.713 |
| E5703057 (5379931) | | 2.38 | 1.58 |
| E5703058 (5379932) | | 2.20 | 1.47 |
| E5703059 (5379933) | | 1.72 | 0.017 |
| E5702310 (5379934) | | 1.26 | 0.011 |
| E5702311 (5379935) | | 2.32 | 0.006 |
| E5702312 (5379936) | | 1.56 | 0.246 |
| E5702313 (5379937) | | 1.94 | 0.004 |
| E5702314 (5379938) | | 1.48 | 1.17 |
| E5702315 (5379939) | | 2.54 | 5.25 |
| E5702316 (5379940) | | 1.04 | 1.63 |
| E5702317 (5379941) | | 0.10 | 0.511 |
| E5702318 (5379942) | | 3.28 | 0.139 |

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 14U841397

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 21, 2014

DATE RECEIVED: May 20, 2014

DATE REPORTED: May 27, 2014

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E5703039 | 0.007 | 0.009 | 25.0% | E5703052 | 3.20 | 3.40 | 6.1% | E5702314 | 1.17 | 1.18 | 0.9% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GSP7J) | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|----------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 1.44 | 1.49 | 104% | 90% - 110% | 0.722 | 0.67 | 93% | 90% - 110% | | | | | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U841397

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U843186

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jun 04, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U843186

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 26, 2014

DATE RECEIVED: May 23, 2014

DATE REPORTED: Jun 04, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5702913 (5394540) | | 1.36 | 0.018 |
| E5702914 (5394541) | | 2.08 | 0.015 |
| E5702915 (5394542) | | 1.64 | 0.007 |
| E5702916 (5394543) | | 2.08 | 0.006 |
| E5702917 (5394544) | | 2.46 | 0.002 |
| E5702918 (5394545) | | 2.52 | 0.007 |
| E5702919 (5394546) | | 1.14 | <0.001 |
| E5702920 (5394547) | | 2.66 | 0.014 |
| E5702921 (5394548) | | 2.02 | 0.004 |
| E5702922 (5394549) | | 1.20 | 0.007 |
| E5702923 (5394550) | | 2.38 | 0.026 |
| E5702924 (5394551) | | 1.04 | 1.20 |
| E5702925 (5394552) | | 2.42 | 0.101 |
| E5702926 (5394553) | | 2.40 | 0.020 |
| E5702927 (5394554) | | 1.96 | 0.029 |
| E5702928 (5394555) | | 0.06 | 2.15 |
| E5702929 (5394556) | | 2.52 | 0.014 |
| E5702930 (5394557) | | 1.80 | 1.46 |
| E5702931 (5394558) | | 3.24 | 0.010 |
| E5702932 (5394559) | | 3.12 | 0.024 |
| E5702933 (5394560) | | 2.98 | 0.003 |
| E5702934 (5394561) | | 2.26 | 0.012 |
| E5702935 (5394562) | | 2.10 | 0.013 |
| E5702936 (5394563) | | 2.06 | 0.003 |
| E5702937 (5394564) | | 1.78 | 0.002 |
| E5702938 (5394565) | | 2.42 | 0.009 |
| E5702939 (5394566) | | 2.26 | 2.46 |
| E5702940 (5394567) | | 2.48 | 0.160 |
| E5702941 (5394568) | | 1.78 | <0.001 |
| E5702942 (5394569) | | 2.34 | 0.015 |
| E5702943 (5394570) | | 0.98 | 3.34 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U843186

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 26, 2014

DATE RECEIVED: May 23, 2014

DATE REPORTED: Jun 04, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5702944 (5394571) | | 2.42 | 0.042 |
| E5702945 (5394572) | | 2.44 | 0.054 |
| E5702946 (5394573) | | 2.48 | 0.691 |
| E5702947 (5394574) | | 2.62 | 0.092 |
| E5702948 (5394575) | | 0.08 | 0.846 |
| E5702949 (5394576) | | 1.62 | 0.116 |
| E5702950 (5394577) | | 0.90 | 4.18 |
| E5702951 (5394578) | | 2.18 | 0.095 |
| E5702952 (5394579) | | 1.02 | 0.375 |
| E5702953 (5394580) | | 1.30 | 0.035 |
| E5702954 (5394581) | | 2.50 | 0.237 |
| E5702955 (5394582) | | 2.68 | 0.694 |
| E5702956 (5394583) | | 1.18 | 2.43 |
| E5702957 (5394584) | | 1.18 | 0.002 |
| E5702958 (5394586) | | 1.58 | 0.649 |
| E5702959 (5394587) | | 2.34 | 0.027 |
| E5702960 (5394588) | | 1.30 | 0.269 |
| E5702961 (5394589) | | 3.08 | 0.186 |
| E5702962 (5394590) | | 2.64 | 0.053 |
| E5702963 (5394591) | | 1.64 | 1.94 |
| E5702964 (5394592) | | 0.88 | 3.28 |
| E5702965 (5394593) | | 0.08 | 3.48 |
| E5702966 (5394594) | | 2.26 | 0.047 |
| E5702967 (5394595) | | 3.58 | 0.022 |
| E5702968 (5394596) | | 3.40 | 0.101 |
| E5702969 (5394597) | | 1.48 | 0.008 |
| E5702970 (5394598) | | 1.42 | 2.12 |
| E5702971 (5394599) | | 2.02 | 0.033 |
| E5702972 (5394600) | | 2.16 | 0.222 |
| E5702973 (5394601) | | 2.50 | 0.014 |
| E5702974 (5394602) | | 2.48 | 0.023 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U843186

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 26, 2014

DATE RECEIVED: May 23, 2014

DATE REPORTED: Jun 04, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5702975 (5394603) | | 2.18 | 0.018 |
| E5702976 (5394604) | | 1.22 | 0.001 |
| E5702977 (5394605) | | 1.64 | 0.033 |
| E5702978 (5394606) | | 1.06 | 2.61 |
| E5702979 (5394607) | | 2.54 | 0.753 |
| E5702980 (5394608) | | 2.00 | 0.613 |
| E5702981 (5394609) | | 2.40 | 0.094 |
| E5702982 (5394610) | | 2.30 | 0.032 |
| E5702983 (5394611) | | 2.30 | 0.016 |
| E5702984 (5394613) | | 2.86 | 0.318 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | | 0.003 | 0.004 | 28.6% | 5394553 | 0.020 | 0.020 | 0.0% | 5394565 | 0.0092 | 0.0073 | 23.0% | 5394578 | 0.095 | 0.084 | 12.3% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | 5394604 | 0.001 | < 0.001 | | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (GSP7J) | | | | CRM #2 (1P5K) | | | | CRM #3 (GS6D) | | | | CRM #4 (GSP7J) | | | |
|-----------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.677 | 94% | 90% - 110% | 1.44 | 1.42 | 99% | 90% - 110% | 6.09 | 6.09 | 100% | 90% - 110% | 0.722 | 0.713 | 99% | 90% - 110% |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U843186

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U844953

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

DATE REPORTED: Jun 09, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U844953

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 29, 2014

DATE RECEIVED: May 27, 2014

DATE REPORTED: Jun 09, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5702985 (5409022) | | 2.74 | 0.038 |
| E5702986 (5409023) | | 2.60 | 0.006 |
| E5702987 (5409024) | | 0.08 | 0.462 |
| E5702988 (5409025) | | 3.04 | 0.016 |
| E5702989 (5409026) | | 2.28 | 1.92 |
| E5702990 (5409027) | | 1.96 | 1.93 |
| E5702991 (5409028) | | 2.46 | 0.094 |
| E5702992 (5409029) | | 2.70 | 0.066 |
| E5702993 (5409030) | | 2.82 | 0.022 |
| E5702994 (5409031) | | 2.66 | 0.007 |
| E5702995 (5409032) | | 2.80 | 0.029 |
| E5702996 (5409033) | | 1.22 | 0.001 |
| E5702997 (5409035) | | 2.48 | 0.041 |
| E5702998 (5409036) | | 0.96 | 0.008 |
| E5702999 (5409037) | | 2.44 | 0.006 |
| E5703000 (5409038) | | 2.04 | 0.012 |
| E5703001 (5409039) | | 2.38 | 0.641 |
| E5703002 (5409040) | | 2.32 | 0.017 |
| E5703003 (5409041) | | 2.34 | 0.020 |
| E5703004 (5409042) | | 2.04 | 0.007 |
| E5703005 (5409043) | | 2.26 | 0.019 |
| E5703006 (5409044) | | 2.26 | 0.020 |
| E5703007 (5409045) | | 0.10 | 0.484 |
| E5703008 (5409046) | | 1.96 | 0.009 |
| E5703009 (5409047) | | 1.10 | 0.064 |
| E5703010 (5409048) | | 1.68 | 0.001 |
| E5703011 (5409049) | | 2.40 | 0.017 |
| E5703012 (5409050) | | 2.42 | 0.011 |
| E5703013 (5409051) | | 2.36 | 0.002 |
| E5703014 (5409052) | | 2.46 | 0.005 |
| E5703015 (5409053) | | 2.22 | 0.005 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U844953

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 29, 2014

DATE RECEIVED: May 27, 2014

DATE REPORTED: Jun 09, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|--------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5703016 (5409054) | | 2.34 | 0.041 |
| E5703017 (5409055) | | 1.16 | <0.001 |
| E5703018 (5409056) | | 2.46 | 0.006 |
| E5703019 (5409057) | | 2.48 | 0.005 |
| E5703020 (5409058) | | 2.50 | 0.003 |
| E5703021 (5409059) | | 2.38 | 0.002 |
| E5703022 (5409060) | | 2.34 | 0.003 |
| E5703023 (5409061) | | 2.38 | 0.004 |
| E5703024 (5409062) | | 1.30 | 0.005 |
| E5703025 (5409063) | | 3.06 | 0.073 |
| E5703026 (5409064) | | 1.96 | 1.91 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5702998 | 0.008 | 0.008 | 0.0% | E5703010 | 0.001 | 0.001 | 0.0% | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U844953

PROJECT NO: HISLOP PROJECT

5623 McADAM ROAD
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (OxE101) | | | | CRM #2 (1P5K) | | | | | | | |
|-----------|-----------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 0.607 | 0.599 | 99% | 90% - 110% | 1.44 | 1.47 | 102% | 90% - 110% | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U844953

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U846098

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

DATE REPORTED: Jun 17, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U846098

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 02, 2014 DATE RECEIVED: May 30, 2014 DATE REPORTED: Jun 17, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5703027 (5421697) | | 0.08 | 0.927 |
| E5703028 (5421698) | | 3.06 | 0.037 |
| E5703029 (5421699) | | 2.18 | 0.002 |
| E5703030 (5421700) | | 2.32 | 0.116 |
| E5703031 (5421701) | | 2.26 | 0.003 |
| E5703032 (5421702) | | 2.42 | 0.002 |
| E5703033 (5421703) | | 2.36 | 0.039 |
| E5703034 (5421704) | | 2.42 | 0.376 |
| E5703035 (5421705) | | 2.38 | 0.001 |
| E5703036 (5421706) | | 2.40 | 0.020 |
| E5703037 (5421707) | | 1.20 | 0.002 |
| E5703038 (5421708) | | 2.74 | 0.006 |
| E5702319 (5421709) | | 2.94 | 0.333 |
| E5702320 (5421710) | | 2.44 | 0.004 |
| E5702321 (5421711) | | 2.28 | 0.002 |
| E5702322 (5421712) | | 3.48 | 0.210 |
| E5702323 (5421713) | | 3.70 | 0.047 |
| E5702324 (5421714) | | 3.48 | 0.204 |
| E5702325 (5421715) | | 2.96 | 0.007 |
| E5702326 (5421716) | | 3.50 | 0.023 |
| E5702327 (5421717) | | 3.80 | 0.005 |
| E5702328 (5421718) | | 3.62 | 0.002 |
| E5702329 (5421719) | | 4.08 | 0.001 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-----|--------------|----------|-----------|-----|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5703028 | 0.037 | 0.023 | | E5702319 | 0.333 | 0.488 | | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U846098

PROJECT NO: HISLOP PROJECT

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CANADA L4Z 1N9
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (1P5K) | | | | CRM #3 (GS6D) | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 1.44 | 1.32 | 92% | 90% - 110% | 1.44 | 1.47 | 102% | 90% - 110% | 6.09 | 6.39 | 105% | 90% - 110% | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U846098

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U866792

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

DATE REPORTED: Aug 13, 2014

PAGES (INCLUDING COVER): 8

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U866792

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 23, 2014

DATE RECEIVED: Jul 22, 2014

DATE REPORTED: Aug 13, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5154960 (5604761) | | 2.22 | 0.042 | |
| E5154961 (5604762) | | 1.94 | 0.076 | |
| E5154962 (5604763) | | 1.96 | 0.011 | |
| E5154963 (5604764) | | 2.30 | 0.007 | |
| E5154964 (5604765) | | 2.42 | 0.005 | |
| E5154965 (5604766) | | 1.04 | 0.009 | |
| E5154966 (5604767) | | 2.14 | 0.014 | |
| E5154967 (5604768) | | 2.40 | 0.087 | |
| E5154968 (5604769) | | 0.68 | 7.16 | |
| E5154969 (5604770) | | 2.24 | 0.378 | |
| E5154970 (5604771) | | 2.36 | 0.371 | |
| E5154971 (5604772) | | 1.66 | 0.017 | |
| E5154972 (5604773) | | 3.34 | 0.007 | |
| E5154973 (5604774) | | 3.36 | 0.006 | |
| E5154974 (5604775) | | 3.38 | 0.006 | |
| E5154975 (5604776) | | 0.10 | 0.521 | |
| E5154976 (5604777) | | 3.54 | 0.226 | |
| E5154977 (5604778) | | 1.90 | 0.010 | |
| E5154978 (5604779) | | 1.62 | 0.004 | |
| E5154979 (5604780) | | 1.84 | 2.92 | |
| E5154980 (5604781) | | 2.76 | 0.572 | |
| E5154981 (5604782) | | 2.52 | 0.070 | |
| E5154982 (5604783) | | 3.08 | 0.010 | |
| E5154983 (5604784) | | 3.32 | 0.017 | |
| E5154984 (5604785) | | 3.54 | 2.55 | |
| E5154985 (5604786) | | 3.64 | 0.035 | |
| E5154986 (5604787) | | 1.14 | 0.002 | |
| E5154987 (5604788) | | 3.46 | 0.146 | |
| E5154988 (5604789) | | 3.48 | 0.514 | |
| E5154989 (5604790) | | 2.04 | 0.432 | |
| E5154990 (5604791) | | 2.54 | 0.637 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U866792

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 23, 2014

DATE RECEIVED: Jul 22, 2014

DATE REPORTED: Aug 13, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5154991 (5604792) | | 2.46 | 0.025 | |
| E5154992 (5604793) | | 2.70 | 0.952 | |
| E5154993 (5604794) | | 2.32 | 0.657 | |
| E5154994 (5604795) | | 1.78 | 0.065 | |
| E5154995 (5604796) | | 0.10 | 0.906 | |
| E5154996 (5604797) | | 2.94 | 0.058 | |
| E5154997 (5604798) | | 1.86 | 0.156 | |
| E5154998 (5604799) | | 2.70 | 0.008 | |
| E5154999 (5604800) | | 3.54 | 0.018 | |
| E5155000 (5604801) | | 3.14 | 0.269 | |
| E5155001 (5604802) | | 2.34 | 1.47 | |
| E5155002 (5604803) | | 2.30 | 0.023 | |
| E5155003 (5604804) | | 2.28 | 0.021 | |
| E5155004 (5604805) | | 2.30 | 0.833 | |
| E5155005 (5604806) | | 1.12 | 0.006 | |
| E5155006 (5604807) | | 2.34 | 3.69 | |
| E5155007 (5604808) | | 2.26 | 0.092 | |
| E5155008 (5604809) | | 2.34 | 0.510 | |
| E5155009 (5604810) | | 1.86 | 0.065 | |
| E5155010 (5604811) | | 1.88 | 0.145 | |
| E5155011 (5604812) | | 1.70 | 3.31 | |
| E5155012 (5604813) | | 2.56 | 0.412 | |
| E5155013 (5604814) | | 2.64 | 0.030 | |
| E5155014 (5604815) | | 2.54 | 0.011 | |
| E5155015 (5604816) | | 2.16 | 0.015 | |
| E5155016 (5604817) | | 2.62 | 0.011 | |
| E5155017 (5604818) | | 0.08 | 2.23 | |
| E5155018 (5604819) | | 2.48 | 0.064 | |
| E5155019 (5604820) | | 1.96 | 2.77 | |
| E5155020 (5604821) | | 2.62 | 0.075 | |
| E5155021 (5604822) | | 2.34 | 0.070 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U866792

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 23, 2014

DATE RECEIVED: Jul 22, 2014

DATE REPORTED: Aug 13, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5155022 (5604823) | | 0.72 | 0.528 | |
| E5155023 (5604824) | | 1.06 | 0.594 | |
| E5155024 (5604825) | | 1.02 | 0.009 | |
| E5155025 (5604826) | | 2.36 | 1.34 | |
| E5155026 (5604827) | | 1.12 | 8.28 | |
| E5155027 (5604828) | | 2.34 | 0.401 | |
| E5155028 (5604829) | | 2.42 | 0.123 | |
| E5155029 (5604830) | | 3.00 | 0.125 | |
| E5155030 (5604831) | | 1.38 | >10 | 17.8 |
| E5155031 (5604832) | | 1.14 | >10 | 11.3 |
| E5155032 (5604833) | | 2.18 | 4.68 | |
| E5155033 (5604834) | | 2.68 | 2.35 | |
| E5155034 (5604835) | | 0.10 | 2.21 | |
| E5155035 (5604836) | | 2.26 | 1.05 | |
| E5155036 (5604837) | | 1.70 | 0.818 | |
| E5155037 (5604838) | | 2.66 | 0.999 | |
| E5155038 (5604839) | | 2.74 | 1.19 | |
| E5155039 (5604840) | | 2.70 | 0.095 | |
| E5155040 (5604842) | | 2.84 | 0.078 | |
| E5155041 (5604843) | | 2.24 | 0.005 | |
| E5155042 (5604844) | | 2.44 | 0.037 | |
| E5155043 (5604845) | | 2.28 | 0.012 | |
| E5155044 (5604846) | | 1.38 | 0.002 | |
| E5155045 (5604847) | | 2.48 | 0.034 | |
| E5155046 (5604848) | | 1.98 | 0.010 | |
| E5155047 (5604849) | | 2.32 | 1.37 | |
| E5155048 (5604850) | | 2.28 | 0.006 | |
| E5155049 (5604851) | | 2.28 | 0.009 | |
| E5155050 (5604852) | | 2.46 | 0.836 | |
| E5155051 (5604853) | | 1.98 | 0.262 | |
| E5155052 (5604854) | | 0.96 | 0.158 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U866792

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 23, 2014

DATE RECEIVED: Jul 22, 2014

DATE REPORTED: Aug 13, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E5155053 (5604855) | | 2.28 | 0.021 | |
| E5155054 (5604856) | | 1.80 | 0.012 | |
| E5155055 (5604857) | | 0.08 | 3.51 | |
| E5155056 (5604858) | | 2.32 | 2.96 | |
| E5155057 (5604859) | | 2.44 | 1.47 | |
| E5155058 (5604860) | | 2.74 | 0.141 | |
| E5155059 (5604861) | | 2.38 | 0.249 | |
| E5155060 (5604862) | | 1.62 | 1.62 | |
| E5155061 (5604863) | | 2.90 | 1.57 | |
| E5155062 (5604864) | | 1.42 | 0.112 | |
| E5155063 (5604865) | | 1.32 | >10 | 8.17 |
| E5155064 (5604866) | | 3.26 | 0.021 | |
| E5155065 (5604867) | | 1.04 | 0.006 | |
| E5155066 (5604868) | | 0.80 | 2.90 | |
| E5155067 (5604869) | | 2.20 | 0.501 | |
| E5155068 (5604870) | | 2.46 | 0.026 | |
| E5155069 (5604871) | | 2.82 | 0.012 | |
| E5155070 (5604872) | | 2.18 | 0.086 | |
| E5155071 (5604873) | | 1.96 | 0.037 | |
| E5155072 (5604874) | | 2.34 | 0.041 | |
| E5155073 (5604875) | | 0.96 | 0.529 | |
| E5155074 (5604876) | | 2.20 | 0.061 | |
| E5155075 (5604877) | | 0.08 | 0.527 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-----|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5154972 | 0.007 | 0.005 | 33.3% | E5154985 | 0.035 | 0.056 | | E5154998 | 0.008 | 0.013 | | E5155010 | 0.145 | 0.137 | 5.7% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | REPLICATE #8 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5155022 | 0.528 | 0.779 | | E5155035 | 1.05 | 1.11 | 5.6% | E5155047 | 1.37 | 0.988 | | E5155072 | 0.041 | 0.045 | 9.3% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| | CRM #1 (GSP7J) | | | | CRM #2 (1P5K) | | | | CRM #3 (GS6D) | | | | CRM #4 (GSP7J) | | | |
|-----------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.795 | 110% | 90% - 110% | 1.44 | 1.30 | 90% | 90% - 110% | 6.09 | 5.97 | 98% | 90% - 110% | 0.722 | 0.775 | 107% | 90% - 110% |
| | CRM #5 (1P5K) | | | | CRM #6 (GS6D) | | | | CRM #7 | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 1.44 | 1.49 | 103% | 90% - 110% | 6.09 | 6.25 | 103% | 90% - 110% | | | | | | | | |
| Au-Grav | | | | | | | | | 14.8 | 15.4 | 104% | 95% - 105% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U866792

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



CLIENT NAME: ST ANDREW GOLDFIELDS LTD
HIGHWAY 101 EAST
MATHESON, ON P0K1N0
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ATTENTION TO: CRAIG TODD

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U869211

DATE REPORTED: Aug 19, 2014

PAGES (INCLUDING COVER): 8

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U869211

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jul 29, 2014

DATE RECEIVED: Jul 25, 2014

DATE REPORTED: Aug 19, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E401648 (5627767) | | 2.42 | 0.013 | |
| E401649 (5627768) | | 1.84 | 0.014 | |
| E401650 (5627769) | | 2.26 | 0.005 | |
| E401651 (5627770) | | 2.34 | 0.006 | |
| E401652 (5627771) | | 2.44 | 0.011 | |
| E401653 (5627772) | | 2.36 | 0.006 | |
| E401654 (5627773) | | 2.28 | 0.002 | |
| E401655 (5627774) | | 0.08 | 0.525 | |
| E401656 (5627775) | | 2.36 | 0.002 | |
| E401657 (5627776) | | 1.12 | 0.002 | |
| E401658 (5627777) | | 1.32 | 0.019 | |
| E401659 (5627778) | | 2.28 | 0.095 | |
| E401660 (5627779) | | 2.48 | 0.013 | |
| E401661 (5627780) | | 2.60 | 0.052 | |
| E401662 (5627781) | | 2.36 | 0.004 | |
| E401663 (5627782) | | 2.16 | 0.015 | |
| E401664 (5627783) | | 2.54 | 0.010 | |
| E401665 (5627784) | | 1.08 | <0.001 | |
| E401666 (5627785) | | 2.28 | 0.016 | |
| E401667 (5627786) | | 2.28 | 0.007 | |
| E401668 (5627787) | | 2.34 | 0.723 | |
| E401669 (5627788) | | 2.32 | 0.090 | |
| E401670 (5627789) | | 2.34 | 0.070 | |
| E401671 (5627790) | | 2.30 | 0.008 | |
| E401672 (5627791) | | 2.28 | 0.004 | |
| E401673 (5627792) | | 2.58 | 0.002 | |
| E401674 (5627793) | | 2.34 | 0.026 | |
| E401675 (5627794) | | 0.10 | 0.883 | |
| E401676 (5627795) | | 2.20 | 0.003 | |
| E401677 (5627796) | | 2.24 | 0.002 | |
| E401678 (5627797) | | 2.14 | 0.203 | |

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14U869211

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jul 29, 2014

DATE RECEIVED: Jul 25, 2014

DATE REPORTED: Aug 19, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E401679 (5627798) | | 2.56 | 0.711 | |
| E401680 (5627799) | | 2.36 | 0.017 | |
| E401681 (5627800) | | 2.32 | 0.171 | |
| E401682 (5627801) | | 2.34 | 0.007 | |
| E401683 (5627802) | | 2.48 | 0.003 | |
| E401684 (5627803) | | 2.40 | 4.34 | |
| E401685 (5627804) | | 1.28 | 0.005 | |
| E401686 (5627805) | | 2.42 | 0.260 | |
| E401687 (5627806) | | 2.34 | 2.19 | |
| E401688 (5627807) | | 2.46 | 6.67 | |
| E401689 (5627808) | | 2.46 | >10 | 31.0 |
| E401690 (5627809) | | 2.44 | >10 | 13.6 |
| E401691 (5627810) | | 2.30 | 2.61 | |
| E401692 (5627811) | | 2.46 | 0.536 | |
| E401693 (5627812) | | 2.28 | 0.215 | |
| E401694 (5627813) | | 2.18 | 0.031 | |
| E401695 (5627814) | | 0.10 | 2.16 | |
| E401696 (5627815) | | 2.12 | 1.41 | |
| E401697 (5627816) | | 2.08 | 0.180 | |
| E401698 (5627817) | | 2.00 | 0.078 | |
| E401699 (5627818) | | 1.96 | 0.034 | |
| E401700 (5627819) | | 2.28 | 0.007 | |
| E401701 (5627820) | | 2.08 | 0.004 | |
| E401702 (5627821) | | 2.12 | 0.002 | |
| E401703 (5627822) | | 2.16 | 0.002 | |
| E401704 (5627823) | | 2.12 | 0.002 | |
| E401705 (5627824) | | 1.26 | <0.001 | |
| E401706 (5627825) | | 2.02 | 0.004 | |
| E401707 (5627826) | | 2.24 | 0.003 | |
| E401708 (5627827) | | 2.06 | 0.025 | |
| E401709 (5627828) | | 2.12 | 0.015 | |

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14U869211

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jul 29, 2014

DATE RECEIVED: Jul 25, 2014

DATE REPORTED: Aug 19, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E401710 (5627829) | | 2.26 | 0.010 | |
| E401711 (5627830) | | 2.20 | 0.002 | |
| E401712 (5627831) | | 2.20 | 0.006 | |
| E401713 (5627832) | | 2.04 | 0.075 | |
| E401714 (5627833) | | 2.20 | 0.002 | |
| E401715 (5627834) | | 0.08 | 3.21 | |
| E401716 (5627835) | | 2.14 | 0.013 | |
| E401717 (5627836) | | 2.00 | 0.002 | |
| E401718 (5627837) | | 2.18 | 0.004 | |
| E401719 (5627838) | | 1.96 | 0.014 | |
| E401720 (5627839) | | 2.28 | 0.002 | |
| E401721 (5627840) | | 2.06 | 0.002 | |
| E401722 (5627841) | | 2.16 | 0.007 | |
| E401723 (5627842) | | 2.08 | 0.002 | |
| E401724 (5627843) | | 2.14 | <0.001 | |
| E401725 (5627844) | | 1.22 | <0.001 | |
| E401726 (5627845) | | 1.98 | 0.008 | |
| E401727 (5627846) | | 2.18 | 0.002 | |
| E401728 (5627847) | | 2.22 | 0.003 | |
| E401729 (5627848) | | 2.18 | 0.002 | |
| E401730 (5627849) | | 2.26 | <0.001 | |
| E401731 (5627850) | | 2.02 | 0.001 | |
| E401732 (5627851) | | 2.50 | 0.001 | |
| E401733 (5627852) | | 2.38 | <0.001 | |
| E401734 (5627853) | | 2.46 | 0.003 | |
| E401735 (5627854) | | 0.10 | 0.534 | |
| E401736 (5627855) | | 2.42 | 0.003 | |
| E401737 (5627856) | | 2.62 | 0.003 | |
| E401738 (5627857) | | 2.62 | 0.001 | |
| E401739 (5627858) | | 2.26 | 0.001 | |
| E401740 (5627859) | | 2.28 | 0.026 | |

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14U869211

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jul 29, 2014

DATE RECEIVED: Jul 25, 2014

DATE REPORTED: Aug 19, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E401741 (5627860) | | 2.14 | 0.008 | |
| E401742 (5627861) | | 2.22 | 0.117 | |
| E401743 (5627862) | | 2.06 | 0.139 | |
| E401744 (5627863) | | 2.16 | 0.135 | |
| E401745 (5627864) | | 1.12 | 0.001 | |
| E401746 (5627865) | | 2.20 | 0.005 | |
| E401747 (5627866) | | 2.18 | 0.003 | |
| E401748 (5627867) | | 2.20 | 0.003 | |
| E401749 (5627868) | | 2.30 | 0.005 | |

Comments: RDL - Reported Detection Limit

Certified By: _____



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|-----|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | 5627856 | 0.0032 | 0.0042 | 27.0% | 5627867 | 0.0027 | 0.0035 | 25.8% | 5627792 | 0.002 | 0.004 | | 5627817 | 0.0782 | 0.0859 | 9.4% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | REPLICATE #8 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | 5627836 | 0.002 | 0.002 | 0.0% | 5627842 | 0.0022 | 0.0029 | 27.5% | 5627856 | 0.001 | 0.002 | | 5627867 | 0.002 | 0.002 | 0.0% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (REF.GSP7J) | | | | CRM #2 (1P5K) | | | | CRM #3 (GSP7J) | | | | CRM #4 (GS6D) | | | |
|-----------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.731 | 101% | 90% - 110% | 1.44 | 1.35 | 94% | 90% - 110% | 0.722 | 0.743 | 103% | 90% - 110% | 6.09 | 5.77 | 95% | 90% - 110% |
| Parameter | CRM #5 (REF.GSP7J) | | | | CRM #6 (REF.1P5K) | | | | | | | | | | | |
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 0.722 | 0.651 | 90% | 90% - 110% | 1.44 | 1.38 | 96% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U869211

PROJECT NO: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U869529

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 19, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U869529

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 19, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.05 |
| E401756 (5630532) | | 2.24 | <0.001 | |
| E401757 (5630533) | | 2.12 | 0.001 | |
| E401758 (5630534) | | 2.28 | <0.001 | |
| E401759 (5630535) | | 2.32 | 0.006 | |
| E401760 (5630536) | | 2.42 | 0.305 | |
| E401761 (5630537) | | 2.02 | 0.020 | |
| E401762 (5630538) | | 2.26 | 0.002 | |
| E401763 (5630539) | | 2.18 | <0.001 | |
| E401764 (5630540) | | 2.32 | 0.002 | |
| E401765 (5630541) | | 1.08 | <0.001 | |
| E401766 (5630542) | | 2.14 | 0.013 | |
| E401767 (5630543) | | 2.40 | 0.004 | |
| E401768 (5630544) | | 2.12 | <0.001 | |
| E401769 (5630545) | | 2.14 | <0.001 | |
| E401770 (5630546) | | 2.20 | <0.001 | |
| E401771 (5630547) | | 2.04 | <0.001 | |
| E401772 (5630548) | | 2.20 | 0.537 | |
| E401773 (5630549) | | 2.12 | 3.55 | |
| E401774 (5630550) | | 2.18 | 0.320 | |
| E401775 (5630551) | | 0.10 | 2.32 | |
| E401776 (5630552) | | 2.24 | 0.033 | |
| E401777 (5630553) | | 2.40 | 0.020 | |
| E401778 (5630554) | | 2.04 | 6.33 | |
| E401779 (5630555) | | 2.22 | >10 | 152 |
| E401780 (5630556) | | 2.14 | 0.535 | |
| E401781 (5630557) | | 2.16 | 3.56 | |
| E401782 (5630558) | | 2.24 | 2.53 | |
| E401783 (5630559) | | 2.12 | 3.95 | |
| E401784 (5630560) | | 2.30 | 0.316 | |
| E401785 (5630561) | | 1.20 | 0.002 | |
| E401786 (5630562) | | 1.46 | 0.077 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U869529

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 19, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E401787 (5630563) | | 3.00 | 0.002 | |
| E401788 (5630564) | | 2.42 | 0.978 | |
| E401789 (5630565) | | 2.16 | 1.82 | |
| E401790 (5630566) | | 2.16 | 4.38 | |
| E401791 (5630567) | | 2.46 | 0.353 | |
| E401792 (5630568) | | 2.32 | 0.220 | |
| E401793 (5630569) | | 2.46 | 6.49 | |
| E401794 (5630570) | | 2.18 | 2.37 | |
| E401795 (5630571) | | 0.10 | 3.42 | |
| E401796 (5630572) | | 2.36 | >10 | 17.8 |
| E401797 (5630573) | | 2.30 | 7.96 | |
| E401798 (5630574) | | 2.42 | >10 | 14.6 |
| E401799 (5630575) | | 2.32 | 7.68 | |
| E401800 (5630576) | | 2.36 | 1.68 | |
| E401801 (5630577) | | 2.42 | 1.00 | |
| E401802 (5630578) | | 2.12 | 7.61 | |
| E401803 (5630579) | | 2.62 | 8.84 | |
| E401804 (5630580) | | 2.56 | 6.20 | |
| E401805 (5630581) | | 1.16 | 0.002 | |
| E401806 (5630582) | | 2.38 | 0.024 | |
| E401807 (5630583) | | 2.16 | 0.009 | |
| E401808 (5630584) | | 2.30 | 0.479 | |
| E401809 (5630585) | | 2.34 | 0.024 | |
| E401810 (5630586) | | 2.36 | 0.018 | |
| E401811 (5630587) | | 2.36 | 0.003 | |
| E401812 (5630588) | | 2.22 | 0.018 | |
| E401813 (5630589) | | 2.30 | 0.013 | |
| E401814 (5630590) | | 2.34 | 0.077 | |
| E401815 (5630591) | | 0.08 | 0.512 | |
| E401816 (5630592) | | 2.26 | 1.54 | |
| E401817 (5630593) | | 2.30 | 1.72 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U869529

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 19, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E401818 (5630594) | | 1.92 | 1.87 | |
| E401819 (5630595) | | 3.02 | 1.94 | |
| E401820 (5630596) | | 1.52 | 0.085 | |
| E401821 (5630597) | | 2.08 | 0.019 | |
| E401822 (5630598) | | 2.30 | 0.017 | |
| E401823 (5630599) | | 2.36 | 0.037 | |
| E401824 (5630600) | | 2.30 | 0.005 | |
| E401825 (5630601) | | 1.10 | 0.001 | |
| E401826 (5630602) | | 2.28 | 0.003 | |
| E401827 (5630603) | | 2.28 | 0.009 | |
| E401828 (5630604) | | 2.48 | 0.005 | |
| E401750 (5630605) | | 2.00 | 0.002 | |
| E401751 (5630606) | | 2.20 | 0.009 | |
| E401752 (5630607) | | 2.14 | 0.006 | |
| E401753 (5630608) | | 2.24 | 0.001 | |
| E401755 (5630609) | | 0.10 | 0.815 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|-----|--------------|----------|-----------|-----|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | 5630557 | 3.56 | 4.28 | 18.4% | 5630570 | 2.37 | 3.73 | | 5630582 | 0.024 | 0.015 | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (ref.GSP7J) | | | | CRM #2 (ref.1P5K) | | | | CRM #3 (ref.GS6D) | | | | CRM #4 (ref.GSP7J) | | | |
|-----------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.717 | 99% | 90% - 110% | 1.44 | 1.53 | 107% | 90% - 110% | 6.09 | 5.77 | 95% | 90% - 110% | 0.722 | 0.734 | 102% | 90% - 110% |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U869529

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: Craig Todd

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U886546

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Oct 09, 2014

PAGES (INCLUDING COVER): 11

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U886546

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 10, 2014 DATE RECEIVED: Sep 09, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E600801 (5788331) | | 2.34 | <0.001 | |
| E600802 (5788332) | | 1.30 | 0.002 | |
| E600803 (5788333) | | 2.34 | 0.031 | |
| E600804 (5788334) | | 2.46 | <0.001 | |
| E600805 (5788336) | | 1.90 | <0.001 | |
| E600806 (5788337) | | 1.06 | 0.012 | |
| E600807 (5788338) | | 1.50 | 0.051 | |
| E600808 (5788339) | | 1.14 | 0.048 | |
| E600809 (5788340) | | 0.10 | 0.513 | |
| E600810 (5788341) | | 1.80 | 0.009 | |
| E600811 (5788343) | | 1.20 | 0.086 | |
| E600812 (5788344) | | 1.30 | 0.005 | |
| E600813 (5788345) | | 1.52 | 0.004 | |
| E600814 (5788346) | | 2.12 | 0.006 | |
| E600815 (5788347) | | 1.48 | 0.009 | |
| E600816 (5788348) | | 1.38 | 0.012 | |
| E600817 (5788349) | | 1.98 | 0.003 | |
| E600818 (5788350) | | 0.92 | <0.001 | |
| E600819 (5788351) | | 2.46 | 0.013 | |
| E600820 (5788352) | | 3.30 | 0.172 | |
| E600821 (5788353) | | 1.50 | 0.203 | |
| E600822 (5788354) | | 1.38 | 0.040 | |
| E600823 (5788355) | | 1.80 | 0.152 | |
| E600824 (5788356) | | 1.88 | 0.004 | |
| E600825 (5788357) | | 2.56 | <0.001 | |
| E600826 (5788358) | | 2.00 | 0.005 | |
| E600827 (5788359) | | 0.10 | 0.881 | |
| E600828 (5788360) | | 2.78 | <0.001 | |
| E600829 (5788361) | | 2.72 | 0.004 | |
| E600830 (5788362) | | 2.54 | <0.001 | |
| E600831 (5788363) | | 2.04 | 0.002 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U886546

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 10, 2014

DATE RECEIVED: Sep 09, 2014

DATE REPORTED: Oct 09, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E600832 (5788364) | | 1.72 | 0.005 | |
| E600833 (5788366) | | 1.66 | 0.005 | |
| E600834 (5788367) | | 1.58 | 0.004 | |
| E600835 (5788368) | | 1.22 | 0.006 | |
| E600836 (5788369) | | 2.94 | 0.014 | |
| E600837 (5788370) | | 1.06 | <0.001 | |
| E600838 (5788371) | | 1.54 | 0.013 | |
| E600839 (5788372) | | 2.28 | 0.001 | |
| E600840 (5788373) | | 2.94 | 0.001 | |
| E600841 (5788374) | | 1.66 | 0.002 | |
| E600842 (5788375) | | 2.88 | 0.002 | |
| E600843 (5788376) | | 2.36 | 0.002 | |
| E600844 (5788378) | | 1.18 | 0.008 | |
| E600845 (5788379) | | 2.28 | 0.005 | |
| E600846 (5788380) | | 2.22 | 0.004 | |
| E600847 (5788381) | | 0.10 | 0.898 | |
| E600848 (5788382) | | 1.08 | 0.003 | |
| E600849 (5788383) | | 1.70 | 0.002 | |
| E600850 (5788384) | | 1.42 | 0.002 | |
| E600851 (5788385) | | 1.30 | 0.032 | |
| E600852 (5788386) | | 2.06 | 0.049 | |
| E600853 (5788387) | | 2.36 | 0.030 | |
| E600854 (5788388) | | 2.00 | 0.006 | |
| E600855 (5788389) | | 2.08 | 0.005 | |
| E600856 (5788390) | | 1.48 | 0.073 | |
| E600857 (5788391) | | 1.94 | 0.002 | |
| E600858 (5788392) | | 1.20 | <0.001 | |
| E600859 (5788393) | | 1.94 | 0.036 | |
| E600860 (5788394) | | 2.04 | 0.179 | |
| E600861 (5788395) | | 2.30 | 0.231 | |
| E600862 (5788396) | | 1.84 | 0.151 | |

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Certificate of Analysis

AGAT WORK ORDER: 14U886546

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 10, 2014 DATE RECEIVED: Sep 09, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|--------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E600863 (5788397) | | 3.06 | 0.150 | |
| E600864 (5788398) | | 2.20 | 0.028 | |
| E600865 (5788399) | | 1.64 | 0.019 | |
| E600866 (5788400) | | 1.66 | 0.021 | |
| E600867 (5788401) | | 0.10 | 1.06 | |
| E600868 (5788402) | | 1.54 | 0.023 | |
| E600869 (5788403) | | 1.24 | 1.48 | |
| E600870 (5788404) | | 1.50 | 0.137 | |
| E600871 (5788405) | | 2.12 | 1.59 | |
| E600872 (5788406) | | 2.52 | 0.112 | |
| E600873 (5788407) | | 2.30 | 0.019 | |
| E600874 (5788408) | | 1.44 | 0.009 | |
| E600875 (5788409) | | 1.24 | 0.057 | |
| E600876 (5788410) | | 1.30 | <0.001 | |
| E600877 (5788411) | | 1.58 | 0.049 | |
| E600878 (5788412) | | 1.52 | 0.028 | |
| E600879 (5788413) | | 1.52 | 0.018 | |
| E600880 (5788414) | | 1.48 | 0.034 | |
| E600881 (5788415) | | 1.88 | 0.023 | |
| E600882 (5788416) | | 2.18 | 0.212 | |
| E600883 (5788417) | | 1.28 | 0.065 | |
| E600884 (5788418) | | 1.98 | 1.89 | |
| E600885 (5788419) | | 1.46 | 1.42 | |
| E600886 (5788420) | | 1.90 | 5.20 | |
| E600887 (5788421) | | 2.46 | 0.065 | |
| E600888 (5788422) | | 0.10 | 2.33 | |
| E600889 (5788423) | | 2.42 | 0.157 | |
| E600890 (5788424) | | 2.32 | 1.81 | |
| E600891 (5788425) | | 2.22 | 0.023 | |
| E600892 (5788426) | | 2.18 | 0.139 | |
| E600893 (5788428) | | 2.34 | 0.606 | |

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Certificate of Analysis

AGAT WORK ORDER: 14U886546

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 10, 2014 DATE RECEIVED: Sep 09, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E600894 (5788429) | | 1.74 | 0.006 | |
| E600895 (5788430) | | 1.14 | 0.009 | |
| E600896 (5788431) | | 2.22 | 0.044 | |
| E600897 (5788432) | | 1.76 | 0.005 | |
| E600898 (5788433) | | 2.04 | 0.059 | |
| E600899 (5788434) | | 2.10 | 0.364 | |
| E600900 (5788435) | | 1.50 | 0.316 | |
| E600901 (5788436) | | 1.26 | 0.206 | |
| E600902 (5788437) | | 1.26 | 0.203 | |
| E600903 (5788438) | | 1.42 | 0.184 | |
| E600904 (5788439) | | 1.48 | 0.034 | |
| E600905 (5788440) | | 1.62 | 0.117 | |
| E600906 (5788441) | | 1.20 | 0.034 | |
| E600907 (5788442) | | 0.10 | 0.893 | |
| E600908 (5788443) | | 1.70 | 0.099 | |
| E600909 (5788444) | | 1.84 | 1.24 | |
| E600910 (5788445) | | 1.66 | 0.130 | |
| E600911 (5788446) | | 1.78 | 0.262 | |
| E600912 (5788447) | | 2.22 | 0.101 | |
| E600913 (5788448) | | 1.58 | 1.94 | |
| E600914 (5788449) | | 2.00 | 1.73 | |
| E600915 (5788450) | | 2.30 | 0.397 | |
| E600916 (5788451) | | 1.32 | 0.003 | |
| E600917 (5788452) | | 1.68 | 0.704 | |
| E600918 (5788453) | | 2.44 | 0.473 | |
| E600919 (5788454) | | 2.10 | 0.032 | |
| E600920 (5788455) | | 2.32 | 0.026 | |
| E600921 (5788456) | | 1.94 | 0.355 | |
| E600922 (5788457) | | 1.94 | 0.031 | |
| E600923 (5788458) | | 2.66 | 0.065 | |
| E600924 (5788459) | | 1.44 | 0.018 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U886546

PROJECT: HISLOP PROJECT

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 TEL (905)501-9998
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 10, 2014 DATE RECEIVED: Sep 09, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E600925 (5788460) | | 1.76 | 0.004 | |
| E600926 (5788461) | | 1.54 | 0.021 | |
| E600927 (5788462) | | 0.10 | 1.07 | |
| E600928 (5788463) | | 2.08 | 0.034 | |
| E600929 (5788464) | | 1.30 | 0.023 | |
| E600930 (5788465) | | 2.22 | 0.008 | |
| E600931 (5788466) | | 1.14 | 0.030 | |
| E600932 (5788467) | | 1.06 | 0.465 | |
| E600933 (5788468) | | 1.92 | 0.373 | |
| E600934 (5788469) | | 2.00 | 0.013 | |
| E600935 (5788470) | | 1.88 | 0.009 | |
| E600936 (5788471) | | 1.62 | 0.002 | |
| E600937 (5788472) | | 1.06 | 0.002 | |
| E600938 (5788473) | | 1.80 | 0.001 | |
| E600939 (5788474) | | 1.66 | 0.001 | |
| E600940 (5788475) | | 1.98 | <0.001 | |
| E600941 (5788476) | | 2.14 | <0.001 | |
| E600942 (5788477) | | 2.56 | 0.012 | |
| E600943 (5788478) | | 1.82 | <0.001 | |
| E600944 (5788479) | | 1.24 | <0.001 | |
| E600945 (5788480) | | 2.28 | 0.002 | |
| E600946 (5788481) | | 1.36 | <0.001 | |
| E600947 (5788482) | | 1.44 | 0.026 | |
| E600948 (5788483) | | 0.10 | 0.866 | |
| E600949 (5788484) | | 1.80 | 0.189 | |
| E600950 (5788485) | | 1.50 | 0.062 | |
| E600951 (5788486) | | 2.00 | 0.056 | |
| E600952 (5788487) | | 2.12 | 0.030 | |
| E600953 (5788488) | | 1.94 | 0.184 | |
| E600954 (5788489) | | 1.48 | 0.162 | |
| E600955 (5788490) | | 2.30 | 0.007 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U886546

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 10, 2014 DATE RECEIVED: Sep 09, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E600956 (5788491) | | 2.54 | 0.002 | |
| E600957 (5788492) | | 1.22 | <0.001 | |
| E600958 (5788493) | | 2.16 | 0.451 | |
| E600959 (5788494) | | 1.38 | >10 | 10.9 |
| E600960 (5788495) | | 2.30 | >10 | 9.90 |
| E600961 (5788496) | | 1.86 | 1.19 | |
| E600962 (5788497) | | 2.12 | 7.62 | |
| E600963 (5788498) | | 1.36 | 0.578 | |
| E600964 (5788499) | | 1.58 | >10 | 12.1 |
| E600965 (5788500) | | 1.26 | >10 | 175 |
| E600966 (5788501) | | 0.10 | 2.21 | |
| E600967 (5788502) | | 1.40 | 0.003 | |
| E600968 (5788503) | | 1.32 | >10 | 36.5 |
| E600969 (5788504) | | 1.60 | 3.01 | |
| E600970 (5788505) | | 1.76 | 7.01 | |
| E600971 (5788506) | | 1.08 | 0.381 | |
| E600972 (5788507) | | 1.94 | 0.131 | |
| E600973 (5788508) | | 1.46 | 0.029 | |
| E600974 (5788509) | | 1.88 | 0.018 | |
| E600975 (5788510) | | 0.10 | 0.884 | |
| E600976 (5788511) | | 1.58 | 0.001 | |
| E600977 (5788512) | | 1.46 | <0.001 | |
| E600978 (5788513) | | 1.88 | <0.001 | |
| E600979 (5788514) | | 1.70 | <0.001 | |
| E600980 (5788515) | | 1.70 | 0.001 | |
| E600981 (5788516) | | 1.36 | <0.001 | |
| E600982 (5788517) | | 1.16 | <0.001 | |
| E600983 (5788518) | | 1.44 | 0.006 | |
| E600984 (5788519) | | 1.20 | <0.001 | |
| E600985 (5788520) | | 1.58 | 0.002 | |
| E600986 (5788521) | | 2.06 | 0.003 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U886546

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 10, 2014 DATE RECEIVED: Sep 09, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|--------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E600987 (5788522) | | 2.08 | <0.001 | |
| E600988 (5788523) | | 1.72 | 0.001 | |
| E600989 (5788524) | | 1.24 | 0.087 | |
| E600990 (5788525) | | 1.88 | 0.045 | |
| E600991 (5788526) | | 2.14 | 0.297 | |
| E600992 (5788527) | | 1.44 | 0.109 | |
| E600993 (5788528) | | 0.10 | 1.04 | |
| E600994 (5788529) | | 1.26 | 0.159 | |
| E600995 (5788530) | | 1.38 | 0.023 | |
| E600996 (5788531) | | 2.34 | 0.003 | |
| E600997 (5788532) | | 2.04 | 0.001 | |
| E600998 (5788533) | | 2.38 | 0.002 | |
| E600999 (5788534) | | 2.16 | 0.002 | |
| E601000 (5788535) | | 2.30 | 0.002 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-------|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E600951 | 0.056 | 0.051 | 9.3% | E600968 | 37.6 | 37.8 | 0.5% | E600984 | < 0.001 | < 0.001 | 0.0% | E600851 | 0.0318 | 0.0261 | 19.7% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | REPLICATE #8 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E600866 | 0.021 | 0.049 | | E600883 | 0.065 | 0.062 | 4.7% | E600901 | 0.206 | 0.219 | 6.1% | E600917 | 0.704 | 0.733 | 4.0% |
| | REPLICATE #9 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E600933 | 0.373 | 0.326 | 13.4% | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| | CRM #1 (ref.GSP7J) | | | | CRM #2 (ref.GS6D) | | | | CRM #3 (ref.1P5K) | | | | CRM #4 (ref.GSP7J) | | | |
|-----------|--------------------|--------|----------|------------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.796 | 110% | 90% - 110% | 6.09 | 5.82 | 96% | 90% - 110% | 1.44 | 1.58 | 109% | 90% - 110% | 0.722 | 0.773 | 107% | 90% - 110% |
| | CRM #5 (ref.GS6D) | | | | CRM #6 (ref.GSP7J) | | | | CRM #7 (ref.GS6D) | | | | CRM #8 (ref.1P5K) | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 6.09 | 6.18 | 101% | 90% - 110% | 0.722 | 0.771 | 107% | 90% - 110% | 6.09 | 6.16 | 101% | 90% - 110% | 1.44 | 1.56 | 108% | 90% - 110% |
| | CRM #9 (ref.GS6D) | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au | 6.09 | 5.96 | 98% | 90% - 110% | | | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U886546

PROJECT: HISLOP PROJECT

ATTENTION TO: Craig Todd

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U888576

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Oct 09, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U888576

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 15, 2014 DATE RECEIVED: Sep 12, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401301 (5805124) | | 2.08 | 0.680 |
| E401302 (5805125) | | 1.20 | 0.304 |
| E401303 (5805126) | | 1.16 | 0.495 |
| E401304 (5805127) | | 2.18 | 0.281 |
| E401305 (5805128) | | 2.26 | 0.619 |
| E401306 (5805129) | | 2.56 | 0.025 |
| E401307 (5805130) | | 1.18 | 0.007 |
| E401308 (5805131) | | 2.26 | 0.007 |
| E401309 (5805132) | | 1.96 | 0.003 |
| E401310 (5805133) | | 1.60 | 0.003 |
| E401311 (5805134) | | 2.40 | 0.003 |
| E401312 (5805135) | | 2.22 | 0.002 |
| E401313 (5805136) | | 1.48 | 0.011 |
| E401314 (5805137) | | 1.90 | 0.017 |
| E401315 (5805138) | | 0.10 | 0.942 |
| E401316 (5805139) | | 2.12 | 0.157 |
| E401317 (5805140) | | 2.02 | 3.10 |
| E401318 (5805141) | | 1.42 | 0.681 |
| E401319 (5805142) | | 2.12 | 0.141 |
| E401320 (5805143) | | 1.38 | 0.081 |
| E401321 (5805144) | | 1.78 | 0.006 |
| E401322 (5805145) | | 1.56 | 0.011 |
| E401323 (5805146) | | 1.92 | 0.434 |
| E401324 (5805147) | | 1.56 | 0.001 |
| E401325 (5805148) | | 1.46 | 0.656 |
| E401326 (5805149) | | 1.28 | 1.38 |
| E401327 (5805150) | | 2.28 | 0.012 |
| E401328 (5805151) | | 2.26 | 0.022 |
| E401329 (5805152) | | 2.28 | 0.352 |
| E401330 (5805153) | | 1.40 | 0.051 |
| E401331 (5805154) | | 1.42 | 0.298 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U888576

PROJECT: HISLOP PROJECT

5623 McADAM ROAD
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 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 15, 2014

DATE RECEIVED: Sep 12, 2014

DATE REPORTED: Oct 09, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E401332 (5805155) | | 0.06 | 1.06 |
| E401333 (5805156) | | 1.78 | 0.173 |
| E401334 (5805157) | | 2.10 | 0.360 |
| E401335 (5805158) | | 1.68 | 0.031 |
| E401336 (5805159) | | 1.74 | 0.014 |
| E401337 (5805160) | | 1.80 | 0.006 |
| E401338 (5805161) | | 1.12 | 0.856 |
| E401339 (5805162) | | 1.24 | 0.028 |
| E401340 (5805163) | | 1.16 | 0.012 |
| E401341 (5805164) | | 1.08 | 0.006 |
| E401342 (5805165) | | 2.36 | 0.016 |
| E401343 (5805166) | | 1.40 | 0.001 |
| E401344 (5805167) | | 2.04 | 0.010 |
| E401345 (5805168) | | 1.14 | 0.006 |
| E401346 (5805169) | | 1.48 | 0.036 |
| E401347 (5805170) | | 1.22 | 0.034 |
| E401348 (5805171) | | 2.44 | 0.004 |
| E401349 (5805172) | | 1.58 | 0.004 |
| E401350 (5805173) | | 1.76 | 0.006 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E401301 | 0.680 | 0.525 | 25.7% | E401320 | 0.081 | 0.083 | 2.4% | E401340 | 0.0118 | 0.0092 | 24.8% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (ref.GSp7J) | | | | CRM #2 (ref.GS6D) | | | | | | | | | | | |
|-----------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 0.722 | 0.795 | 110% | 90% - 110% | 6.09 | 6.09 | 100% | 90% - 110% | | | | | | | | |



Method Summary

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

AGAT WORK ORDER: 14U888576
ATTENTION TO: CRAIG TODD
SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U917728

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

DATE REPORTED: Dec 08, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U917728

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 19, 2014 DATE RECEIVED: Nov 18, 2014 DATE REPORTED: Dec 08, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E601188 (6093124) | | 2.12 | 0.439 | |
| E601189 (6093125) | | 2.00 | 0.044 | |
| E601190 (6093126) | | 1.78 | 0.118 | |
| E601191 (6093127) | | 1.48 | 0.082 | |
| E601192 (6093128) | | 1.84 | 0.010 | |
| E601193 (6093129) | | 1.64 | 0.002 | |
| E601194 (6093130) | | 2.42 | 0.005 | |
| E601195 (6093131) | | 2.72 | 0.089 | |
| E601196 (6093132) | | 1.94 | 0.042 | |
| E601197 (6093133) | | 1.16 | 0.038 | |
| E601198 (6093134) | | 1.64 | 0.058 | |
| E601199 (6093135) | | 1.62 | 0.044 | |
| E601200 (6093136) | | 2.14 | 0.028 | |
| E601201 (6093137) | | 2.72 | 0.003 | |
| E601202 (6093138) | | 1.28 | 0.009 | |
| E601203 (6093139) | | 1.78 | 0.069 | |
| E601204 (6093140) | | 1.66 | 0.004 | |
| E601205 (6093141) | | 0.06 | 0.525 | |
| E601206 (6093142) | | 3.36 | 2.13 | |
| E601207 (6093143) | | 2.38 | 1.76 | |
| E601208 (6093144) | | 1.66 | >10 | 10.8 |
| E601209 (6093145) | | 1.80 | 0.055 | |
| E601210 (6093146) | | 2.96 | 0.100 | |
| E601211 (6093147) | | 1.98 | 0.007 | |
| E601212 (6093148) | | 2.62 | 0.010 | |
| E601213 (6093149) | | 1.66 | 0.004 | |
| E601214 (6093150) | | 1.78 | 0.005 | |
| E601215 (6093151) | | 1.54 | 0.001 | |
| E601216 (6093152) | | 2.00 | 0.004 | |
| E601217 (6093153) | | 1.16 | 0.003 | |
| E601218 (6093154) | | 2.36 | 0.004 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U917728

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 19, 2014 DATE RECEIVED: Nov 18, 2014 DATE REPORTED: Dec 08, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E601219 (6093155) | | 1.94 | 0.009 | |
| E601220 (6093156) | | 2.08 | 0.024 | |
| E601221 (6093157) | | 2.20 | 0.042 | |
| E601222 (6093158) | | 1.80 | 0.005 | |
| E601223 (6093159) | | 2.38 | 0.116 | |
| E601224 (6093160) | | 1.16 | 0.439 | |
| E601225 (6093161) | | 0.06 | 0.899 | |
| E601226 (6093162) | | 3.20 | 0.650 | |
| E601227 (6093163) | | 3.14 | 0.025 | |
| E601228 (6093164) | | 2.18 | 0.373 | |
| E601229 (6093165) | | 2.26 | 0.561 | |
| E601230 (6093166) | | 2.44 | 1.42 | |
| E601231 (6093167) | | 3.42 | 1.47 | |
| E601232 (6093168) | | 2.50 | 0.681 | |
| E601233 (6093169) | | 1.22 | 0.136 | |
| E601234 (6093170) | | 3.50 | 0.053 | |
| E601235 (6093171) | | 1.22 | 0.051 | |
| E601236 (6093172) | | 1.40 | 0.035 | |
| E601237 (6093173) | | 2.30 | 0.363 | |
| E601238 (6093174) | | 3.36 | 0.339 | |
| E601239 (6093175) | | 1.66 | 0.337 | |
| E601240 (6093176) | | 1.32 | 0.006 | |
| E601241 (6093177) | | 3.06 | 0.091 | |
| E601242 (6093178) | | 3.66 | 0.002 | |
| E601243 (6093179) | | 3.50 | 0.017 | |
| E601244 (6093180) | | 3.48 | 0.078 | |
| E601245 (6093181) | | 3.36 | 0.017 | |
| E601246 (6093182) | | 0.06 | 0.527 | |
| E601247 (6093183) | | 3.38 | 0.005 | |
| E601248 (6093184) | | 3.16 | 0.012 | |
| E601249 (6093185) | | 1.06 | 0.010 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U917728

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 19, 2014

DATE RECEIVED: Nov 18, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E601250 (6093186) | | 3.16 | 0.002 | |
| E601251 (6093187) | | 2.82 | 0.004 | |
| E601252 (6093188) | | 3.44 | 0.002 | |
| E601253 (6093189) | | 3.32 | 0.005 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|------|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E601188 | 0.439 | 0.333 | 27.5% | E601204 | 0.004 | 0.003 | 28.6% | E601221 | 0.042 | 0.044 | 4.7% | E601238 | 0.339 | 0.343 | 1.2% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|
| | CRM #1 (ref.GSP7J) | | | | CRM #2 (ref.GS6D) | | | | CRM #3 (ref.1P5K) | | | | CRM #4 (ref.GSP7J) | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.679 | 94% | 90% - 110% | 6.09 | 5.88 | 97% | 90% - 110% | 1.44 | 1.5 | 104% | 90% - 110% | 0.722 | 0.713 | 99% | 90% - 110% |
| | CRM #5 (ref.GS6D) | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au | 6.09 | 5.93 | 97% | 90% - 110% | | | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U917728

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 15U934376

SOLID ANALYSIS REVIEWED BY: Brandon Wang, Spectroscopy Supervisor

DATE REPORTED: Jan 27, 2015

PAGES (INCLUDING COVER): 8

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 15U934376

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 12, 2015 DATE RECEIVED: Jan 09, 2015 DATE REPORTED: Jan 27, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E601001 (6242063) | | 1.76 | 0.003 |
| E601002 (6242064) | | 1.48 | 0.003 |
| E601003 (6242065) | | 3.34 | 0.003 |
| E601004 (6242066) | | 3.40 | 0.003 |
| E601005 (6242067) | | 3.46 | 0.003 |
| E601006 (6242068) | | 1.44 | <0.001 |
| E601007 (6242069) | | 3.34 | 0.004 |
| E601008 (6242070) | | 3.08 | 0.002 |
| E601009 (6242071) | | 3.14 | 0.002 |
| E601010 (6242072) | | 1.94 | 0.003 |
| E601011 (6242073) | | 1.66 | 0.003 |
| E601012 (6242074) | | 1.28 | 0.004 |
| E601013 (6242075) | | 1.12 | 0.004 |
| E601014 (6242076) | | 3.16 | 0.010 |
| E601015 (6242077) | | 0.06 | 0.862 |
| E601016 (6242078) | | 3.32 | 0.006 |
| E601017 (6242079) | | 3.38 | 0.003 |
| E601018 (6242080) | | 3.30 | 0.003 |
| E601019 (6242081) | | 3.16 | 0.002 |
| E601020 (6242082) | | 3.58 | 0.002 |
| E601021 (6242083) | | 2.78 | 0.006 |
| E601022 (6242084) | | 1.68 | 0.004 |
| E601023 (6242085) | | 2.22 | 0.004 |
| E601024 (6242086) | | 2.80 | 0.003 |
| E601025 (6242087) | | 1.64 | 0.001 |
| E601026 (6242088) | | 3.50 | 0.006 |
| E601027 (6242089) | | 2.86 | 0.004 |
| E601028 (6242090) | | 3.32 | 0.007 |
| E601029 (6242091) | | 1.56 | 0.022 |
| E601030 (6242092) | | 2.56 | 0.036 |
| E601031 (6242093) | | 1.20 | 0.123 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U934376

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 12, 2015

DATE RECEIVED: Jan 09, 2015

DATE REPORTED: Jan 27, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E601032 (6242094) | | 1.50 | 0.128 |
| E601033 (6242095) | | 1.24 | 0.116 |
| E601034 (6242096) | | 1.90 | 0.013 |
| E601035 (6242097) | | 0.06 | 0.870 |
| E601036 (6242098) | | 1.86 | 0.028 |
| E601037 (6242099) | | 1.50 | 0.028 |
| E601038 (6242100) | | 1.20 | 0.046 |
| E601039 (6242101) | | 3.00 | 0.027 |
| E601040 (6242102) | | 1.98 | 0.020 |
| E601041 (6242103) | | 2.88 | 0.004 |
| E601042 (6242104) | | 3.28 | 0.010 |
| E601043 (6242105) | | 1.72 | 0.018 |
| E601044 (6242106) | | 1.26 | 2.15 |
| E601045 (6242107) | | 1.30 | 0.001 |
| E601046 (6242108) | | 1.38 | 0.313 |
| E601047 (6242109) | | 2.32 | 0.029 |
| E601048 (6242110) | | 3.40 | 0.028 |
| E601049 (6242111) | | 3.52 | 0.003 |
| E601050 (6242112) | | 3.50 | 0.008 |
| E601051 (6242113) | | 3.30 | 0.009 |
| E601052 (6242114) | | 3.20 | 0.005 |
| E601053 (6242115) | | 3.38 | 0.018 |
| E601054 (6242116) | | 3.36 | 0.007 |
| E601055 (6242117) | | 0.06 | 0.514 |
| E601056 (6242118) | | 3.28 | 0.010 |
| E601057 (6242119) | | 1.30 | 0.008 |
| E601058 (6242120) | | 1.84 | 0.007 |
| E601059 (6242121) | | 3.22 | 0.004 |
| E601060 (6242122) | | 3.24 | 0.003 |
| E601061 (6242123) | | 3.30 | 0.003 |
| E601062 (6242124) | | 2.56 | 0.004 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U934376

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 12, 2015 DATE RECEIVED: Jan 09, 2015 DATE REPORTED: Jan 27, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E601063 (6242125) | | 3.64 | 0.009 |
| E601064 (6242126) | | 3.02 | 0.006 |
| E601065 (6242127) | | 1.34 | 0.001 |
| E601066 (6242128) | | 3.36 | 0.002 |
| E601067 (6242129) | | 3.12 | 0.003 |
| E601068 (6242130) | | 3.50 | 0.003 |
| E601069 (6242131) | | 3.00 | 0.004 |
| E601070 (6242132) | | 3.30 | 0.003 |
| E601071 (6242133) | | 3.20 | 0.004 |
| E601072 (6242134) | | 3.34 | 0.002 |
| E601073 (6242135) | | 2.40 | 0.004 |
| E601074 (6242136) | | 2.92 | 0.002 |
| E601075 (6242137) | | 0.06 | 0.896 |
| E601076 (6242138) | | 1.06 | 0.004 |
| E601077 (6242139) | | 3.34 | 0.001 |
| E601078 (6242140) | | 2.64 | 0.002 |
| E601079 (6242141) | | 1.24 | 0.002 |
| E601080 (6242142) | | 1.34 | 0.003 |
| E601081 (6242143) | | 3.42 | 0.002 |
| E601082 (6242144) | | 1.82 | 0.003 |
| E601083 (6242145) | | 1.12 | 0.003 |
| E601084 (6242146) | | 1.40 | 0.002 |
| E601085 (6242147) | | 1.46 | <0.001 |
| E601086 (6242148) | | 2.16 | 0.004 |
| E601087 (6242149) | | 2.22 | 0.002 |
| E601088 (6242150) | | 2.16 | 0.003 |
| E601089 (6242151) | | 2.16 | 0.002 |
| E601090 (6242152) | | 2.10 | 0.007 |
| E601091 (6242153) | | 2.08 | 0.004 |
| E601092 (6242154) | | 2.24 | 0.005 |
| E601093 (6242155) | | 2.32 | 0.003 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U934376

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 12, 2015

DATE RECEIVED: Jan 09, 2015

DATE REPORTED: Jan 27, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E601094 (6242156) | | 2.08 | 0.002 |
| E601095 (6242157) | | 0.06 | 0.895 |
| E601096 (6242158) | | 2.10 | 0.002 |
| E601097 (6242159) | | 1.18 | 0.031 |
| E601098 (6242160) | | 1.16 | 0.013 |
| E601099 (6242161) | | 1.24 | 0.125 |
| E601100 (6242162) | | 1.28 | 0.026 |
| E601101 (6242163) | | 1.16 | 0.002 |
| E601102 (6242164) | | 1.16 | 0.005 |
| E601103 (6242165) | | 1.02 | 0.018 |
| E601104 (6242166) | | 1.60 | 0.216 |
| E601105 (6242167) | | 1.26 | 0.001 |
| E601106 (6242168) | | 1.32 | 1.02 |
| E601107 (6242169) | | 2.82 | 0.046 |
| E601108 (6242170) | | 1.60 | 0.101 |
| E601109 (6242171) | | 1.82 | 0.026 |
| E601110 (6242172) | | 3.14 | 0.006 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-------|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | 6242063 | 0.003 | 0.003 | 0.0% | 6242079 | 0.003 | 0.003 | 0.0% | 6242095 | 0.116 | 0.119 | 2.6% | 6242113 | 0.009 | 0.013 | |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | REPLICATE #8 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | 6242130 | 0.0027 | 0.0024 | 11.8% | 6242138 | 0.0043 | 0.0034 | 23.4% | 6242158 | 0.002 | 0.019 | | 6242172 | 0.0063 | 0.0081 | 25.0% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|
| | CRM #1 (ref.GSP7J) | | | | CRM #2 (ref.GS6D) | | | | CRM #3 (ref.1P5K) | | | | CRM #4 (ref.GSP7J) | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.76 | 105% | 90% - 110% | 6.09 | 5.95 | 98% | 90% - 110% | 1.44 | 1.55 | 107% | 90% - 110% | 0.722 | 0.729 | 101% | 90% - 110% |
| | CRM #5 (ref.GSP7J) | | | | CRM #6 (ref.GS6D) | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 0.722 | 0.739 | 102% | 90% - 110% | 6.09 | 5.66 | 93% | 90% - 110% | | | | | | | | |



Method Summary

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

AGAT WORK ORDER: 15U934376
ATTENTION TO: CRAIG TODD
SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP

AGAT WORK ORDER: 15U936971

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 30, 2015

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 15U936971

PROJECT: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 20, 2015

DATE RECEIVED: Jan 20, 2015

DATE REPORTED: Jan 30, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E601111 (6261781) | | 1.22 | 0.004 | |
| E601112 (6261782) | | 1.84 | 0.006 | |
| E601113 (6261783) | | 1.06 | 9.87 | 10.6 |
| E601114 (6261784) | | 2.46 | 0.416 | |
| E601115 (6261785) | | 0.06 | 0.510 | |
| E601116 (6261786) | | 1.02 | 0.011 | |
| E601117 (6261787) | | 3.48 | 0.031 | |
| E601118 (6261788) | | 3.26 | 0.007 | |
| E601119 (6261789) | | 3.20 | 0.007 | |
| E601120 (6261790) | | 3.44 | 0.004 | |
| E601121 (6261791) | | 1.84 | 0.011 | |
| E601122 (6261792) | | 2.92 | 0.085 | |
| E601123 (6261793) | | 1.56 | 0.057 | |
| E601124 (6261794) | | 1.26 | 1.91 | |
| E601125 (6261795) | | 1.44 | 0.003 | |
| E601126 (6261796) | | 3.28 | 0.033 | |
| E601127 (6261797) | | 3.38 | 0.003 | |
| E601128 (6261798) | | 1.76 | 0.004 | |
| E601129 (6261799) | | 2.08 | 0.013 | |
| E601130 (6261800) | | 3.20 | 0.004 | |
| E601131 (6261801) | | 3.16 | 0.006 | |
| E601132 (6261802) | | 3.30 | 0.004 | |
| E601133 (6261803) | | 3.30 | 0.003 | |
| E601134 (6261804) | | 1.14 | 0.003 | |
| E601135 (6261805) | | 2.00 | 0.006 | |
| E601136 (6261806) | | 1.12 | 0.002 | |
| E601137 (6261807) | | 2.16 | 0.282 | |
| E601138 (6261808) | | 2.14 | 0.035 | |
| E601139 (6261809) | | 2.08 | 0.009 | |
| E601140 (6261810) | | 2.00 | 0.005 | |
| E601141 (6261811) | | 2.08 | 0.005 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U936971

PROJECT: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 20, 2015

DATE RECEIVED: Jan 20, 2015

DATE REPORTED: Jan 30, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| | | 0.01 | 0.001 | 0.5 |
| E601142 (6261812) | | 2.12 | 0.008 | |
| E601143 (6261813) | | 3.28 | 0.007 | |
| E601144 (6261814) | | 3.16 | 0.003 | |
| E601145 (6261815) | | 0.06 | 0.507 | |
| E601146 (6261816) | | 3.12 | 0.004 | |
| E601147 (6261817) | | 1.62 | 0.107 | |
| E601148 (6261818) | | 1.48 | 2.31 | |
| E601149 (6261819) | | 2.18 | 0.924 | |
| E601150 (6261820) | | 2.26 | 1.17 | |
| E601151 (6261821) | | 2.06 | 2.25 | |
| E601152 (6261822) | | 2.02 | 5.23 | |
| E601153 (6261823) | | 1.10 | 6.41 | |
| E601154 (6261824) | | 1.04 | 0.984 | |
| E601155 (6261825) | | 1.30 | 0.003 | |
| E601156 (6261826) | | 1.14 | 2.13 | |
| E601157 (6261827) | | 1.18 | 1.99 | |
| E601158 (6261828) | | 2.26 | 2.93 | |
| E601159 (6261829) | | 1.16 | >10.0 | 18.9 |
| E601160 (6261830) | | 1.76 | 1.70 | |
| E601161 (6261831) | | 1.96 | 0.083 | |
| E601162 (6261832) | | 2.02 | 0.007 | |
| E601163 (6261833) | | 1.94 | 0.017 | |
| E601164 (6261834) | | 0.98 | 0.011 | |
| E601165 (6261835) | | 0.06 | 1.02 | |
| E601166 (6261836) | | 3.34 | 0.010 | |
| E601167 (6261837) | | 2.88 | 0.016 | |
| E601168 (6261839) | | 3.18 | 0.027 | |
| E601169 (6261840) | | 3.06 | 0.050 | |
| E601170 (6261841) | | 2.72 | 0.011 | |
| E601171 (6261842) | | 1.06 | 0.016 | |
| E601172 (6261843) | | 2.28 | 0.009 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U936971

PROJECT: HISLOP

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
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 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 20, 2015 DATE RECEIVED: Jan 20, 2015 DATE REPORTED: Jan 30, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.5 |
| E601173 (6261844) | | 1.10 | 0.005 | |
| E601174 (6261845) | | 2.24 | 0.007 | |
| E601175 (6261846) | | 1.82 | 0.004 | |
| E601176 (6261847) | | 2.96 | 0.011 | |
| E601177 (6261848) | | 3.12 | 0.012 | |
| E601178 (6261849) | | 2.16 | 0.027 | |
| E601179 (6261850) | | 0.96 | 0.024 | |
| E601180 (6261851) | | 3.04 | 0.006 | |
| E601181 (6261852) | | 3.12 | 0.011 | |
| E601182 (6261853) | | 2.94 | 0.018 | |
| E601183 (6261854) | | 3.04 | 0.036 | |
| E601184 (6261855) | | 2.92 | 0.102 | |
| E601185 (6261856) | | 1.56 | 0.001 | |
| E601186 (6261857) | | 3.06 | 0.038 | |
| E601187 (6261858) | | 2.94 | 0.002 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-----|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E601111 | 0.004 | 0.004 | 1.7% | E601128 | 0.004 | 0.003 | 17.9% | E601146 | 0.004 | 0.005 | 9.5% | E601160 | 1.70 | 1.37 | |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E601176 | 0.011 | 0.014 | | | | | | | | | | | | | |
| Au-Grav | | | | | E601159 | 18.9 | 17.3 | 8.8% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (GS6D) | | | | CRM #2 (GSP7J) | | | | CRM #3 (1P5K) | | | | CRM #4 (GS6D) | | | |
|-----------|-------------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 6.09 | 5.90 | 97% | 90% - 110% | 0.722 | 0.694 | 96% | 90% - 110% | 1.44 | 1.51 | 105% | 90% - 110% | 6.09 | 6.00 | 98% | 90% - 110% |
| | CRM #5 (ref.GS6D) | | | | CRM #6 | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 6.09 | 5.98 | 98% | 90% - 110% | | | | | | | | | | | | |
| Au-Grav | | | | | 14.9 | 15.2 | 102% | 95% - 105% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U936971

PROJECT: HISLOP

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 15U934373

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 27, 2015

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 15U934373

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 12, 2015

DATE RECEIVED: Jan 09, 2015

DATE REPORTED: Jan 27, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E601254 (6241917) | | 3.06 | 0.006 |
| E601255 (6241918) | | 3.26 | 0.005 |
| E601256 (6241919) | | 3.06 | 0.008 |
| E601257 (6241920) | | 1.70 | 0.005 |
| E601258 (6241921) | | 1.46 | 0.013 |
| E601259 (6241922) | | 1.38 | 0.008 |
| E601260 (6241923) | | 1.62 | 0.003 |
| E601261 (6241924) | | 1.40 | 0.005 |
| E601262 (6241925) | | 1.54 | 0.008 |
| E601263 (6241926) | | 1.34 | 0.002 |
| E601264 (6241927) | | 1.34 | 0.002 |
| E601265 (6241928) | | 1.12 | <0.001 |
| E601266 (6241929) | | 0.08 | 0.882 |
| E601267 (6241930) | | 1.06 | 0.003 |
| E601268 (6241931) | | 3.04 | 0.005 |
| E601269 (6241932) | | 1.56 | 0.005 |
| E601270 (6241933) | | 2.10 | 0.026 |
| E601271 (6241934) | | 2.00 | 0.005 |
| E601272 (6241935) | | 1.18 | 0.014 |
| E601273 (6241936) | | 1.56 | 0.003 |
| E601274 (6241937) | | 2.42 | 0.002 |
| E601275 (6241938) | | 0.06 | 0.507 |
| E601276 (6241939) | | 2.54 | 0.002 |
| E601277 (6241940) | | 2.38 | 0.010 |
| E601278 (6241941) | | 1.40 | 0.003 |
| E601279 (6241942) | | 2.34 | 0.003 |
| E601280 (6241943) | | 1.84 | 0.015 |
| E601281 (6241944) | | 1.46 | 0.008 |
| E601282 (6241945) | | 2.20 | 0.003 |
| E601283 (6241946) | | 2.94 | 0.037 |
| E601284 (6241947) | | 3.14 | 0.045 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U934373

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jan 12, 2015 DATE RECEIVED: Jan 09, 2015 DATE REPORTED: Jan 27, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E601285 (6241948) | | 1.30 | 0.005 |
| E601286 (6241949) | | 2.86 | 0.018 |
| E601287 (6241950) | | 3.04 | 0.009 |
| E601288 (6241951) | | 1.18 | 0.114 |
| E601289 (6241952) | | 3.10 | 0.004 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | 6241917 | 0.0062 | 0.0053 | 15.7% | 6241937 | 0.002 | 0.002 | 0.0% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (ref.1P5K) | | | | CRM #2 (ref.GSP7J) | | | | CRM #3 (ref.GS6D) | | | | | | | |
|-----------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 1.44 | 1.54 | 107% | 90% - 110% | 0.722 | 0.755 | 105% | 90% - 110% | 6.09 | 5.77 | 95% | 90% - 110% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U934373

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP

AGAT WORK ORDER: 15U949363

SOLID ANALYSIS REVIEWED BY: Brandon Wang, Spectroscopy Supervisor

DATE REPORTED: Mar 10, 2015

PAGES (INCLUDING COVER): 10

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 15U949363

PROJECT: HISLOP

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

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Mar 02, 2015

DATE RECEIVED: Feb 27, 2015

DATE REPORTED: Mar 10, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E601290 (6342736) | | 2.10 | 0.004 | |
| E601291 (6342737) | | 1.00 | 0.005 | |
| E601292 (6342738) | | 2.08 | 0.004 | |
| E601293 (6342739) | | 1.04 | 0.009 | |
| E601294 (6342740) | | 0.96 | 0.005 | |
| E601295 (6342741) | | 1.16 | 0.059 | |
| E601296 (6342742) | | 1.04 | 0.003 | |
| E601297 (6342743) | | 1.26 | 0.007 | |
| E601298 (6342744) | | 1.86 | 0.005 | |
| E601299 (6342745) | | 2.12 | 0.005 | |
| E601300 (6342746) | | 2.20 | 0.003 | |
| E604408 (6342747) | | 2.04 | 0.008 | |
| E604409 (6342748) | | 0.90 | 0.008 | |
| E604410 (6342749) | | 1.96 | 0.007 | |
| E604411 (6342750) | | 1.76 | 0.004 | |
| E604412 (6342751) | | 2.30 | 0.004 | |
| E604413 (6342752) | | 1.88 | 0.002 | |
| E604414 (6342753) | | 2.16 | 0.003 | |
| E604415 (6342754) | | 2.24 | 0.018 | |
| E604416 (6342755) | | 2.16 | 0.018 | |
| E604417 (6342756) | | 2.18 | 0.006 | |
| E604418 (6342757) | | 2.04 | 0.004 | |
| E604419 (6342758) | | 1.98 | 0.005 | |
| E604420 (6342759) | | 2.00 | 0.008 | |
| E604421 (6342760) | | 0.06 | 0.512 | |
| E604422 (6342761) | | 2.14 | 0.006 | |
| E604423 (6342762) | | 2.22 | 0.007 | |
| E604424 (6342763) | | 1.12 | 0.010 | |
| E604425 (6342764) | | 1.54 | 0.013 | |
| E604426 (6342765) | | 1.56 | 0.195 | |
| E604427 (6342766) | | 2.08 | 0.006 | |

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Certificate of Analysis

AGAT WORK ORDER: 15U949363

PROJECT: HISLOP

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Mar 02, 2015 DATE RECEIVED: Feb 27, 2015 DATE REPORTED: Mar 10, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E604428 (6342767) | | 1.96 | 0.008 | |
| E604429 (6342768) | | 2.28 | 0.004 | |
| E604430 (6342769) | | 1.32 | 0.001 | |
| E604431 (6342770) | | 2.28 | 0.008 | |
| E604432 (6342771) | | 1.10 | 0.003 | |
| E604433 (6342772) | | 1.46 | 0.008 | |
| E604434 (6342773) | | 0.90 | 0.008 | |
| E604435 (6342774) | | 0.94 | 0.004 | |
| E604436 (6342775) | | 0.92 | 0.003 | |
| E604437 (6342776) | | 1.04 | 0.003 | |
| E604438 (6342777) | | 1.28 | 0.008 | |
| E604439 (6342778) | | 0.92 | 0.002 | |
| E604440 (6342779) | | 0.06 | 0.878 | |
| E604441 (6342780) | | 2.30 | 0.006 | |
| E604442 (6342781) | | 1.42 | 0.005 | |
| E604443 (6342782) | | 1.66 | 0.018 | |
| E604444 (6342783) | | 1.06 | 0.341 | |
| E604445 (6342784) | | 2.30 | 0.006 | |
| E604446 (6342785) | | 2.26 | 0.007 | |
| E604447 (6342786) | | 2.00 | 0.037 | |
| E604448 (6342787) | | 1.12 | 0.004 | |
| E604449 (6342788) | | 0.94 | 0.003 | |
| E604450 (6342789) | | 1.10 | 0.004 | |
| E601475 (6342790) | | 1.12 | 0.002 | |
| E601476 (6342791) | | 1.12 | 0.005 | |
| E601477 (6342792) | | 1.18 | 0.003 | |
| E601478 (6342793) | | 0.94 | 0.006 | |
| E601479 (6342794) | | 1.04 | 0.005 | |
| E601480 (6342795) | | 1.42 | <0.001 | |
| E601481 (6342796) | | 2.18 | 0.005 | |
| E601482 (6342797) | | 1.94 | 0.006 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U949363

PROJECT: HISLOP

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Mar 02, 2015 DATE RECEIVED: Feb 27, 2015 DATE REPORTED: Mar 10, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.5 |
| E601483 (6342798) | | 2.16 | 0.003 | |
| E601484 (6342799) | | 2.30 | 0.001 | |
| E601485 (6342800) | | 2.12 | 0.010 | |
| E601486 (6342801) | | 2.36 | 0.005 | |
| E601487 (6342802) | | 2.26 | 0.060 | |
| E601488 (6342803) | | 3.10 | 0.014 | |
| E601489 (6342804) | | 2.68 | 0.002 | |
| E601490 (6342805) | | 2.56 | 0.006 | |
| E601491 (6342806) | | 1.26 | 0.003 | |
| E601492 (6342807) | | 1.16 | 0.009 | |
| E601493 (6342808) | | 1.54 | 0.005 | |
| E601494 (6342809) | | 1.72 | 0.002 | |
| E601495 (6342810) | | 0.06 | 0.522 | |
| E601496 (6342811) | | 3.30 | 0.008 | |
| E601497 (6342812) | | 0.98 | 0.036 | |
| E601498 (6342813) | | 0.82 | 0.007 | |
| E601499 (6342814) | | 1.98 | 0.003 | |
| E601500 (6342815) | | 1.46 | 0.004 | |
| E601772 (6342816) | | 2.12 | 0.006 | |
| E601773 (6342817) | | 2.26 | 0.003 | |
| E601774 (6342818) | | 1.04 | 0.006 | |
| E601775 (6342819) | | 2.10 | 0.003 | |
| E601776 (6342820) | | 1.00 | 0.004 | |
| E601777 (6342821) | | 2.16 | 0.004 | |
| E601778 (6342822) | | 2.38 | 0.004 | |
| E601779 (6342823) | | 2.14 | 0.005 | |
| E601780 (6342824) | | 1.04 | 0.001 | |
| E601781 (6342825) | | 2.06 | 0.009 | |
| E601782 (6342826) | | 2.08 | 0.017 | |
| E601783 (6342827) | | 1.94 | 0.027 | |
| E601784 (6342828) | | 2.18 | 0.003 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U949363

PROJECT: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Mar 02, 2015 DATE RECEIVED: Feb 27, 2015 DATE REPORTED: Mar 10, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E601785 (6342829) | | 2.28 | 0.003 | |
| E601786 (6342830) | | 2.20 | 0.004 | |
| E601787 (6342831) | | 2.16 | 0.005 | |
| E601788 (6342832) | | 2.12 | 0.060 | |
| E601789 (6342833) | | 1.80 | 0.007 | |
| E601790 (6342834) | | 2.06 | 0.004 | |
| E601791 (6342835) | | 2.18 | 0.019 | |
| E601792 (6342836) | | 2.14 | 0.007 | |
| E601793 (6342837) | | 2.40 | 0.013 | |
| E601794 (6342838) | | 2.04 | 0.018 | |
| E601795 (6342839) | | 0.06 | 0.882 | |
| E601796 (6342840) | | 2.44 | 0.009 | |
| E601797 (6342841) | | 2.46 | 0.007 | |
| E601798 (6342842) | | 1.86 | 0.008 | |
| E601799 (6342843) | | 2.22 | 0.012 | |
| E601800 (6342844) | | 2.14 | 0.016 | |
| E601401 (6342845) | | 2.16 | 0.014 | |
| E601402 (6342846) | | 0.96 | 0.017 | |
| E601403 (6342847) | | 1.10 | 0.183 | |
| E601404 (6342848) | | 2.08 | 0.249 | |
| E601405 (6342849) | | 1.06 | 1.65 | |
| E601406 (6342850) | | 0.82 | >10 | 10.7 |
| E601407 (6342851) | | 0.94 | >10 | 15.4 |
| E601408 (6342852) | | 1.18 | >10 | 15.5 |
| E601409 (6342853) | | 1.20 | 2.98 | |
| E601410 (6342854) | | 1.24 | 0.046 | |
| E601411 (6342855) | | 1.22 | 4.09 | |
| E601412 (6342856) | | 1.20 | 1.81 | |
| E601413 (6342857) | | 1.08 | 3.86 | |
| E601414 (6342858) | | 1.32 | 1.74 | |
| E601415 (6342859) | | 2.10 | 0.868 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U949363

PROJECT: HISLOP

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Mar 02, 2015 DATE RECEIVED: Feb 27, 2015 DATE REPORTED: Mar 10, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E601416 (6342860) | | 2.12 | 0.008 | |
| E601417 (6342861) | | 2.08 | 0.004 | |
| E601418 (6342862) | | 2.16 | 0.004 | |
| E601419 (6342863) | | 2.20 | 0.007 | |
| E601420 (6342864) | | 2.00 | 0.003 | |
| E601421 (6342865) | | 2.24 | 0.002 | |
| E601422 (6342866) | | 2.28 | 0.006 | |
| E601423 (6342867) | | 2.46 | 0.007 | |
| E601424 (6342868) | | 0.06 | 1.06 | |
| E601425 (6342869) | | 2.30 | 0.010 | |
| E601426 (6342870) | | 2.02 | 0.033 | |
| E601427 (6342871) | | 2.24 | 0.295 | |
| E601428 (6342872) | | 0.78 | 0.938 | |
| E601429 (6342873) | | 1.20 | 0.439 | |
| E601430 (6342874) | | 1.26 | 0.107 | |
| E601431 (6342875) | | 1.16 | 0.409 | |
| E601432 (6342876) | | 2.06 | 0.011 | |
| E601433 (6342877) | | 2.66 | 0.057 | |
| E601434 (6342878) | | 1.16 | 0.005 | |
| E601435 (6342879) | | 2.30 | 0.811 | |
| E601436 (6342880) | | 1.78 | 2.73 | |
| E601437 (6342881) | | 1.48 | 0.021 | |
| E601438 (6342882) | | 0.98 | 0.829 | |
| E601439 (6342883) | | 1.16 | 0.105 | |
| E601440 (6342884) | | 1.38 | 6.23 | |
| E601441 (6342885) | | 1.66 | 0.011 | |
| E601442 (6342886) | | 2.16 | 0.013 | |
| E601443 (6342887) | | 2.10 | 0.026 | |
| E601444 (6342888) | | 1.96 | 0.273 | |
| E601445 (6342889) | | 2.14 | 0.883 | |
| E601446 (6342890) | | 2.36 | 0.306 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 15U949363

PROJECT: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Mar 02, 2015 DATE RECEIVED: Feb 27, 2015 DATE REPORTED: Mar 10, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.5 |
| E601447 (6342891) | | 2.12 | 0.157 | |
| E601448 (6342892) | | 2.08 | 0.241 | |
| E601449 (6342893) | | 0.06 | 1.05 | |
| E601450 (6342894) | | 2.16 | 0.069 | |
| E601801 (6342895) | | 2.54 | 0.028 | |
| E601802 (6342896) | | 3.20 | 0.299 | |
| E601803 (6342897) | | 1.92 | 0.288 | |
| E601804 (6342898) | | 2.26 | 0.108 | |
| E601805 (6342899) | | 2.10 | 0.405 | |
| E601806 (6342900) | | 1.06 | 0.007 | |
| E601807 (6342901) | | 1.10 | 0.039 | |
| E601808 (6342902) | | 1.08 | 0.041 | |
| E601809 (6342903) | | 2.18 | 0.160 | |
| E601810 (6342904) | | 1.96 | 0.071 | |
| E601811 (6342905) | | 2.48 | 0.250 | |
| E601812 (6342906) | | 2.32 | 1.19 | |
| E601813 (6342907) | | 2.36 | 0.410 | |
| E601814 (6342908) | | 1.82 | 0.148 | |
| E601815 (6342909) | | 1.14 | 0.002 | |
| E601816 (6342910) | | 2.26 | 0.031 | |
| E601817 (6342911) | | 2.02 | 0.485 | |
| E601818 (6342912) | | 1.00 | 0.614 | |
| E601819 (6342913) | | 0.94 | 0.173 | |
| E601820 (6342914) | | 1.04 | 0.042 | |
| E601821 (6342915) | | 2.18 | 0.286 | |
| E601822 (6342916) | | 0.94 | 0.019 | |
| E601823 (6342917) | | 2.28 | 0.029 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|---------------|----------|-----------|-------|---------------|----------|-----------|-------|---------------|----------|-----------|------|---------------|----------|-----------|-------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | 6342736 | 0.0038 | 0.0030 | 23.5% | 6342752 | 0.002 | 0.003 | | 6342768 | 0.004 | 0.004 | 0.0% | 6342786 | 0.037 | 0.026 | |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | REPLICATE #8 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | 6342803 | 0.014 | 0.007 | | 6342811 | 0.0075 | 0.0067 | 11.3% | 6342827 | 0.027 | 0.041 | | 6342843 | 0.012 | 0.317 | |
| | REPLICATE #9 | | | | REPLICATE #10 | | | | REPLICATE #11 | | | | REPLICATE #12 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | 6342861 | 0.0043 | 0.0049 | 13.0% | 6342877 | 0.057 | 0.055 | 3.6% | 6342886 | 0.0131 | 0.0140 | 6.6% | 6342905 | 0.250 | 0.225 | 10.5% |
| | REPLICATE #13 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | 6342917 | 0.0294 | 0.0323 | 9.4% | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------------|--------|----------|------------|--------------------|--------|----------|------------|--------------------|--------|----------|------------|--------------------|--------|----------|------------|
| | CRM #1 (ref.GSP7J) | | | | CRM #2 (ref.GS6D) | | | | CRM #3 (ref.1P5K) | | | | CRM #4 (ref.GSP7J) | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.699 | 97% | 90% - 110% | 6.09 | 6.24 | 102% | 90% - 110% | 1.44 | 1.42 | 98% | 90% - 110% | 0.722 | 0.72 | 100% | 90% - 110% |
| | CRM #5 (ref.GS6D) | | | | CRM #6 (ref.1P5K) | | | | CRM #7 (ref.GSP7J) | | | | CRM #8 (ref.1P5K) | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 6.09 | 6.28 | 103% | 90% - 110% | 1.44 | 1.49 | 103% | 90% - 110% | 0.722 | 0.712 | 99% | 90% - 110% | 1.44 | 1.41 | 98% | 90% - 110% |
| | CRM #9 (ref.GSP7J) | | | | CRM #10 (ref.1P5K) | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 0.722 | 0.758 | 105% | 90% - 110% | 1.44 | 1.53 | 106% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 15U949363

PROJECT: HISLOP

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U894795

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

DATE REPORTED: Oct 14, 2014

PAGES (INCLUDING COVER): 11

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U894795

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 29, 2014 DATE RECEIVED: Sep 26, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401351 (5863520) | | 1.64 | 0.002 |
| E401352 (5863521) | | 1.14 | 0.008 |
| E401353 (5863522) | | 1.68 | <0.001 |
| E401354 (5863523) | | 0.98 | 0.694 |
| E401355 (5863524) | | 2.08 | 0.004 |
| E401356 (5863525) | | 1.16 | 0.008 |
| E401357 (5863526) | | 0.10 | 0.819 |
| E401358 (5863527) | | 0.94 | 0.008 |
| E401359 (5863528) | | 1.80 | 0.029 |
| E401360 (5863529) | | 1.34 | <0.001 |
| E401361 (5863530) | | 1.56 | 0.148 |
| E401362 (5863531) | | 2.00 | 0.008 |
| E401363 (5863532) | | 1.36 | 0.047 |
| E401364 (5863533) | | 1.64 | 0.007 |
| E401365 (5863534) | | 1.96 | 0.008 |
| E401366 (5863535) | | 1.08 | 0.001 |
| E401367 (5863536) | | 1.20 | 0.006 |
| E401368 (5863537) | | 1.12 | 0.016 |
| E401369 (5863538) | | 1.86 | 0.002 |
| E401370 (5863539) | | 1.78 | 0.010 |
| E401371 (5863540) | | 1.02 | 0.132 |
| E401372 (5863541) | | 1.24 | 0.029 |
| E401373 (5863542) | | 1.28 | 0.039 |
| E401374 (5863543) | | 1.06 | 0.043 |
| E401375 (5863544) | | 0.10 | 2.35 |
| E401376 (5863545) | | 2.00 | 0.004 |
| E401377 (5863546) | | 1.58 | 0.007 |
| E401378 (5863547) | | 1.12 | 0.007 |
| E401379 (5863548) | | 1.88 | <0.001 |
| E401380 (5863549) | | 2.82 | <0.001 |
| E401381 (5863550) | | 1.08 | 0.026 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U894795

PROJECT: HISLOP PROJECT

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

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 29, 2014 DATE RECEIVED: Sep 26, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401382 (5863551) | | 1.80 | 0.024 |
| E401383 (5863552) | | 1.28 | 0.013 |
| E401384 (5863553) | | 1.18 | <0.001 |
| E401385 (5863554) | | 1.72 | 0.001 |
| E401386 (5863555) | | 2.12 | 0.011 |
| E401387 (5863556) | | 1.12 | 0.002 |
| E401388 (5863557) | | 1.80 | 0.002 |
| E401389 (5863558) | | 1.40 | 0.004 |
| E401390 (5863559) | | 2.18 | 0.015 |
| E401391 (5863560) | | 2.26 | 0.003 |
| E401392 (5863561) | | 1.20 | 0.002 |
| E401393 (5863562) | | 0.10 | 1.07 |
| E401394 (5863563) | | 1.56 | 0.008 |
| E401395 (5863564) | | 1.22 | 0.002 |
| E401396 (5863565) | | 1.82 | 0.031 |
| E401397 (5863566) | | 2.22 | <0.001 |
| E401398 (5863567) | | 1.48 | 0.002 |
| E401399 (5863568) | | 1.08 | 0.003 |
| E401400 (5863569) | | 1.64 | 0.060 |
| E401401 (5863570) | | 1.72 | <0.001 |
| E401402 (5863571) | | 1.12 | <0.001 |
| E401403 (5863572) | | 1.58 | 0.001 |
| E401404 (5863573) | | 1.34 | <0.001 |
| E401405 (5863574) | | 1.64 | <0.001 |
| E401406 (5863575) | | 1.26 | 0.002 |
| E401407 (5863576) | | 1.14 | 0.001 |
| E401408 (5863577) | | 1.78 | <0.001 |
| E401409 (5863578) | | 2.28 | <0.001 |
| E401410 (5863579) | | 1.24 | <0.001 |
| E401411 (5863580) | | 0.10 | 1.10 |
| E401412 (5863581) | | 1.80 | 0.001 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U894795

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 29, 2014 DATE RECEIVED: Sep 26, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401413 (5863582) | | 1.06 | 0.001 |
| E401414 (5863583) | | 2.18 | <0.001 |
| E401415 (5863584) | | 1.98 | 0.003 |
| E401416 (5863585) | | 1.20 | 0.013 |
| E401417 (5863586) | | 1.40 | 0.030 |
| E401418 (5863587) | | 1.20 | 0.011 |
| E401419 (5863588) | | 2.10 | 0.074 |
| E401420 (5863589) | | 1.12 | <0.001 |
| E401421 (5863590) | | 2.12 | 0.016 |
| E401422 (5863591) | | 2.00 | 0.019 |
| E401423 (5863592) | | 1.94 | 0.034 |
| E401424 (5863593) | | 2.00 | 0.004 |
| E401425 (5863594) | | 1.90 | 0.002 |
| E401426 (5863595) | | 1.22 | 0.004 |
| E401427 (5863596) | | 1.90 | <0.001 |
| E401428 (5863597) | | 1.44 | 0.001 |
| E401429 (5863598) | | 0.10 | 2.29 |
| E401430 (5863599) | | 1.70 | 0.008 |
| E401431 (5863600) | | 1.98 | 0.008 |
| E401432 (5863601) | | 1.94 | 0.004 |
| E401433 (5863602) | | 1.50 | 0.007 |
| E401434 (5863603) | | 2.22 | <0.001 |
| E401435 (5863604) | | 2.06 | 0.003 |
| E401436 (5863605) | | 1.82 | <0.001 |
| E401437 (5863606) | | 1.86 | 0.017 |
| E401438 (5863607) | | 1.00 | <0.001 |
| E401439 (5863608) | | 1.74 | 0.706 |
| E401440 (5863609) | | 1.56 | 0.742 |
| E401441 (5863610) | | 1.70 | 0.424 |
| E401442 (5863611) | | 2.70 | 0.424 |
| E401443 (5863612) | | 2.16 | 0.011 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U894795

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 29, 2014 DATE RECEIVED: Sep 26, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401444 (5863613) | | 2.24 | 0.010 |
| E401445 (5863614) | | 2.24 | 0.005 |
| E401446 (5863615) | | 2.50 | 0.001 |
| E401447 (5863616) | | 2.10 | <0.001 |
| E401448 (5863617) | | 2.54 | <0.001 |
| E401449 (5863618) | | 0.10 | 0.893 |
| E401450 (5863619) | | 1.84 | 0.017 |
| E401451 (5863620) | | 1.14 | 0.018 |
| E401452 (5863621) | | 2.30 | 0.003 |
| E401453 (5863622) | | 2.54 | <0.001 |
| E401454 (5863623) | | 2.50 | <0.001 |
| E401455 (5863624) | | 2.08 | <0.001 |
| E401456 (5863625) | | 2.56 | <0.001 |
| E401457 (5863626) | | 2.28 | 0.005 |
| E401458 (5863627) | | 1.08 | <0.001 |
| E401459 (5863628) | | 1.48 | 0.034 |
| E401460 (5863629) | | 1.98 | 0.009 |
| E401461 (5863630) | | 1.84 | <0.001 |
| E401462 (5863631) | | 1.62 | 0.007 |
| E401463 (5863632) | | 1.28 | 0.004 |
| E401464 (5863633) | | 2.50 | 0.002 |
| E401465 (5863634) | | 1.32 | 0.003 |
| E401466 (5863635) | | 2.26 | 0.003 |
| E401467 (5863636) | | 1.34 | <0.001 |
| E401468 (5863637) | | 1.54 | 0.005 |
| E401469 (5863638) | | 1.74 | 0.001 |
| E401470 (5863639) | | 1.80 | 0.006 |
| E401471 (5863640) | | 1.26 | 0.003 |
| E401472 (5863641) | | 2.18 | 0.003 |
| E401473 (5863642) | | 1.76 | 0.001 |
| E401474 (5863643) | | 2.24 | 0.002 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U894795

PROJECT: HISLOP PROJECT

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

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 29, 2014 DATE RECEIVED: Sep 26, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401475 (5863644) | | 1.16 | 0.013 |
| E401476 (5863645) | | 0.10 | 2.35 |
| E401477 (5863646) | | 2.20 | 0.011 |
| E401478 (5863647) | | 2.10 | 0.010 |
| E401479 (5863648) | | 1.56 | 0.003 |
| E401480 (5863649) | | 2.26 | 0.002 |
| E401481 (5863650) | | 2.10 | 0.003 |
| E401482 (5863651) | | 1.78 | 0.009 |
| E401483 (5863652) | | 1.42 | 0.009 |
| E401484 (5863653) | | 1.46 | 0.164 |
| E401485 (5863654) | | 0.98 | <0.001 |
| E401486 (5863655) | | 2.38 | 0.176 |
| E401487 (5863656) | | 1.64 | 0.014 |
| E401488 (5863657) | | 2.22 | 0.016 |
| E401489 (5863658) | | 1.84 | 0.028 |
| E401490 (5863659) | | 2.94 | 0.003 |
| E401491 (5863660) | | 1.72 | 0.018 |
| E401492 (5863661) | | 1.80 | <0.001 |
| E401493 (5863662) | | 1.30 | 0.025 |
| E401494 (5863663) | | 1.52 | 0.007 |
| E401495 (5863664) | | 1.84 | 0.066 |
| E401496 (5863665) | | 0.10 | 1.11 |
| E401497 (5863666) | | 2.26 | 0.018 |
| E401498 (5863667) | | 2.02 | 0.005 |
| E401499 (5863668) | | 2.30 | 0.011 |
| E401500 (5863669) | | 2.46 | 0.003 |
| E600201 (5863670) | | 1.76 | 0.005 |
| E600202 (5863671) | | 1.86 | 0.006 |
| E600203 (5863672) | | 1.14 | 0.005 |
| E600204 (5863673) | | 2.04 | 0.010 |
| E600205 (5863674) | | 0.94 | 0.002 |

Certified By: Y. Chen.



Certificate of Analysis

AGAT WORK ORDER: 14U894795

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 29, 2014 DATE RECEIVED: Sep 26, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E600206 (5863675) | | 2.40 | 0.011 |
| E600207 (5863676) | | 1.16 | 0.146 |
| E600208 (5863677) | | 1.16 | 0.007 |
| E600209 (5863678) | | 1.14 | 0.056 |
| E600210 (5863679) | | 1.52 | 0.010 |
| E600211 (5863680) | | 1.56 | 0.020 |
| E600212 (5863681) | | 1.50 | 0.222 |
| E600213 (5863682) | | 1.22 | 0.006 |
| E600214 (5863683) | | 0.10 | 2.26 |
| E600215 (5863684) | | 1.18 | 0.017 |
| E600216 (5863685) | | 1.24 | 0.036 |
| E600217 (5863686) | | 1.26 | 0.030 |
| E600218 (5863687) | | 1.26 | 0.008 |
| E600219 (5863688) | | 1.52 | 0.006 |
| E600220 (5863689) | | 1.78 | 0.060 |
| E600221 (5863690) | | 1.68 | 0.069 |
| E600222 (5863691) | | 2.18 | 0.416 |
| E600223 (5863692) | | 1.30 | 0.002 |
| E600224 (5863693) | | 1.06 | 2.04 |
| E600225 (5863694) | | 1.44 | 0.011 |
| E600226 (5863695) | | 1.16 | 0.004 |
| E600227 (5863696) | | 2.48 | 0.003 |
| E600228 (5863697) | | 1.58 | 0.003 |
| E600229 (5863698) | | 1.14 | 0.005 |
| E600230 (5863699) | | 1.06 | 0.001 |
| E600231 (5863700) | | 0.92 | 0.003 |
| E600232 (5863701) | | 0.10 | 0.899 |
| E600233 (5863702) | | 1.10 | 0.005 |
| E600234 (5863703) | | 2.12 | 0.161 |
| E600235 (5863704) | | 2.02 | 0.051 |
| E600236 (5863705) | | 1.92 | 0.291 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U894795

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 29, 2014

DATE RECEIVED: Sep 26, 2014

DATE REPORTED: Oct 14, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E600237 (5863706) | | 1.30 | 0.274 |
| E600238 (5863707) | | 1.10 | 0.006 |
| E600239 (5863708) | | 2.18 | 0.007 |
| E600240 (5863709) | | 1.50 | 0.090 |
| E600241 (5863710) | | 1.22 | 0.001 |
| E600242 (5863711) | | 1.50 | 0.585 |
| E600243 (5863712) | | 1.02 | 0.998 |
| E600244 (5863713) | | 1.44 | 1.15 |
| E600245 (5863714) | | 1.68 | 1.92 |
| E600246 (5863715) | | 1.36 | 1.28 |
| E600247 (5863716) | | 2.18 | 0.404 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-----|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E401368 | 0.016 | 0.015 | 6.5% | E401383 | 0.013 | 0.031 | | E401401 | < 0.001 | < 0.001 | 0.0% | E401451 | 0.018 | 0.028 | |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E401468 | 0.005 | 0.003 | | E401483 | 0.009 | 0.009 | 0.0% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| | CRM #1 (ref.GSP7J) | | | | CRM #2 (ref.1P5K) | | | | CRM #3 (ref.GS6D) | | | | CRM #4 (ref.1P5K) | | | |
|-----------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.721 | 100% | 90% - 110% | 1.44 | 1.48 | 103% | 90% - 110% | 6.09 | 6.28 | 103% | 90% - 110% | 1.44 | 1.38 | 96% | 90% - 110% |
| | CRM #5 (ref.Gs6D) | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au | 6.09 | 6.1 | 100% | 90% - 110% | | | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U894795

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U850248

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

DATE REPORTED: Jun 23, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U850248

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 11, 2014 DATE RECEIVED: Jun 10, 2014 DATE REPORTED: Jun 23, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5153110 (5459280) | | 2.58 | 0.015 |
| E5153111 (5459281) | | 2.30 | 0.039 |
| E5153112 (5459282) | | 2.14 | 0.421 |
| E5153113 (5459283) | | 2.26 | 0.125 |
| E5153114 (5459284) | | 1.84 | 0.002 |
| E5153115 (5459285) | | 1.92 | 0.214 |
| E5153116 (5459286) | | 1.92 | 0.037 |
| E5153117 (5459287) | | 2.48 | 0.087 |
| E5153118 (5459288) | | 1.86 | 0.022 |
| E5153119 (5459289) | | 1.32 | 0.004 |
| E5153120 (5459290) | | 1.12 | 0.014 |
| E5153121 (5459291) | | 2.50 | 0.008 |
| E5153122 (5459292) | | 1.26 | 0.114 |
| E5153123 (5459293) | | 2.62 | 0.004 |
| E5153124 (5459294) | | 0.08 | 0.498 |
| E5153125 (5459295) | | 3.04 | 0.014 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-----|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5153110 | 0.015 | 0.015 | 0.0% | E5153123 | 0.004 | 0.011 | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|--|--|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | | | | | | | | | | |
| Au | 1.44 | 1.32 | 91% | 90% - 110% | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U850248

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U853059

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

DATE REPORTED: Jul 09, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U853059

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 18, 2014

DATE RECEIVED: Jun 17, 2014

DATE REPORTED: Jul 09, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5153126 (5484780) | | 2.22 | 0.591 | |
| E5153127 (5484781) | | 0.72 | 0.022 | |
| E5153128 (5484782) | | 2.88 | 0.004 | |
| E5153129 (5484783) | | 2.94 | 0.003 | |
| E5153130 (5484784) | | 3.00 | 0.002 | |
| E5153131 (5484785) | | 1.96 | 0.010 | |
| E5153132 (5484786) | | 2.44 | 0.003 | |
| E5153133 (5484787) | | 2.54 | 0.006 | |
| E5153134 (5484788) | | 1.50 | 0.190 | |
| E5153135 (5484789) | | 0.82 | <0.001 | |
| E5153136 (5484790) | | 2.14 | 0.002 | |
| E5153137 (5484791) | | 2.76 | 0.007 | |
| E5153138 (5484792) | | 1.94 | 0.069 | |
| E5153139 (5484793) | | 1.68 | 0.014 | |
| E5153140 (5484794) | | 1.26 | 0.009 | |
| E5153141 (5484795) | | 2.02 | 0.043 | |
| E5153142 (5484796) | | 2.30 | 0.005 | |
| E5153143 (5484797) | | 3.14 | 0.324 | |
| E5153144 (5484798) | | 0.08 | 0.502 | |
| E5153145 (5484799) | | 1.62 | 0.152 | |
| E5153146 (5484800) | | 2.00 | >10 | 12.97 |
| E5153147 (5484801) | | 1.76 | >10 | 72.0 |
| E5153148 (5484802) | | 2.70 | 1.98 | |
| E5153149 (5484803) | | 1.50 | 0.780 | |
| E5153150 (5484804) | | 2.30 | 0.577 | |
| E5153151 (5484805) | | 2.46 | 0.276 | |
| E5153152 (5484806) | | 2.82 | 0.017 | |
| E5153153 (5484807) | | 2.32 | 0.013 | |
| E5153154 (5484808) | | 0.84 | <0.001 | |
| E5153155 (5484809) | | 1.70 | 2.12 | |
| E5153156 (5484810) | | 1.24 | 1.95 | |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14U853059

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 18, 2014 DATE RECEIVED: Jun 17, 2014 DATE REPORTED: Jul 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E5153157 (5484811) | | 1.54 | 0.460 | |
| E5153158 (5484812) | | 3.22 | 0.683 | |
| E5153159 (5484813) | | 1.98 | 1.35 | |

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E5153126 | 0.591 | 0.565 | 4.5% | E5153138 | 0.069 | 0.075 | 8.3% | E5153151 | 0.276 | 0.211 | 26.7% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 1.44 | 1.53 | 106% | 90% - 110% | 6.09 | 5.97 | 98% | 90% - 110% | | | | | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U853059

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U855912

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

DATE REPORTED: Jul 10, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U855912

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 25, 2014 DATE RECEIVED: Jun 25, 2014 DATE REPORTED: Jul 10, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5153260 (5509445) | | 2.48 | 0.494 |
| E5153261 (5509446) | | 2.66 | 0.720 |
| E5153262 (5509447) | | 2.28 | 0.144 |
| E5153263 (5509448) | | 2.42 | 0.018 |
| E5153264 (5509449) | | 0.92 | <0.001 |
| E5153265 (5509450) | | 2.38 | 0.056 |
| E5153266 (5509451) | | 2.40 | 0.146 |
| E5153267 (5509452) | | 2.42 | 0.007 |
| E5153268 (5509453) | | 1.74 | 0.006 |
| E5153269 (5509454) | | 2.32 | 0.002 |
| E5153270 (5509455) | | 2.26 | 0.302 |
| E5153271 (5509456) | | 2.34 | 0.011 |
| E5153272 (5509457) | | 2.34 | 0.167 |
| E5153273 (5509458) | | 2.16 | 0.438 |
| E5153274 (5509459) | | 2.50 | 0.607 |
| E5153275 (5509460) | | 2.12 | 0.033 |
| E5153276 (5509461) | | 2.28 | 0.308 |
| E5153277 (5509462) | | 0.08 | 0.515 |
| E5153278 (5509463) | | 2.26 | 3.22 |
| E5153279 (5509464) | | 2.40 | 0.470 |
| E5153280 (5509465) | | 2.20 | 0.306 |
| E5153281 (5509466) | | 2.32 | 1.18 |
| E5153282 (5509467) | | 2.44 | 0.499 |
| E5153283 (5509468) | | 2.32 | 0.073 |
| E5153284 (5509469) | | 2.00 | 0.336 |
| E5153285 (5509470) | | 2.22 | 0.031 |
| E5153286 (5509471) | | 2.34 | 0.750 |
| E5153287 (5509472) | | 2.08 | 0.142 |
| E5153288 (5509473) | | 2.40 | 0.078 |
| E5153289 (5509474) | | 1.58 | <0.001 |
| E5153290 (5509475) | | 2.00 | 1.04 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U855912

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jun 25, 2014 DATE RECEIVED: Jun 25, 2014 DATE REPORTED: Jul 10, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5153291 (5509476) | | 3.32 | 0.613 |
| E5153292 (5509477) | | 2.26 | 0.213 |
| E5153293 (5509478) | | 3.38 | 0.508 |
| E5153294 (5509479) | | 3.48 | 0.017 |
| E5153295 (5509480) | | 0.10 | 0.906 |
| E5153296 (5509481) | | 3.66 | 0.006 |
| E5153297 (5509482) | | 3.56 | 2.72 |
| E5153298 (5509483) | | 3.72 | 1.42 |
| E5153299 (5509484) | | 3.66 | 0.039 |
| E5153300 (5509485) | | 3.50 | 0.383 |
| E5153301 (5509486) | | 3.34 | 1.12 |
| E5153302 (5509487) | | 3.40 | 0.010 |
| E5153303 (5509488) | | 3.50 | 0.015 |
| E5153304 (5509489) | | 1.78 | 0.002 |
| E5153305 (5509490) | | 2.40 | 0.225 |
| E5153306 (5509491) | | 3.40 | 0.694 |
| E5153307 (5509492) | | 1.64 | 1.45 |
| E5153308 (5509493) | | 1.44 | 0.767 |
| E5153309 (5509494) | | 2.46 | 1.39 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5153260 | 0.494 | 0.565 | 13.4% | E5153272 | 0.167 | 0.158 | 5.5% | E5153285 | 0.031 | 0.035 | 12.1% | E5153297 | 2.72 | 2.62 | 3.7% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (GS6D) | | | | CRM #2 (GSP7J) | | | | CRM #3 (1P5K) | | | | | | | |
|-----------|---------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 6.09 | 5.99 | 98% | 90% - 110% | 0.722 | 0.684 | 95% | 90% - 110% | 1.44 | 1.58 | 109% | 90% - 110% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U855912

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U858367

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

DATE REPORTED: Jul 25, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U858367

PROJECT NO: HISLOP PROJECT

5623 McADAM ROAD
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 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jun 27, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5154810 (5533401) | | 2.96 | 0.603 | |
| E5154811 (5533402) | | 2.21 | 0.019 | |
| E5154812 (5533403) | | 2.76 | 0.063 | |
| E5154813 (5533404) | | 1.82 | 0.101 | |
| E5154814 (5533405) | | 0.10 | 0.533 | |
| E5154815 (5533406) | | 0.96 | 0.155 | |
| E5154816 (5533407) | | 3.46 | 0.073 | |
| E5154817 (5533408) | | 3.54 | 0.022 | |
| E5154818 (5533409) | | 2.72 | 0.007 | |
| E5154819 (5533410) | | 2.30 | 0.160 | |
| E5154820 (5533411) | | 2.40 | 0.063 | |
| E5154821 (5533412) | | 3.72 | 0.196 | |
| E5154822 (5533413) | | 3.02 | 0.022 | |
| E5154823 (5533414) | | 4.00 | 0.009 | |
| E5154824 (5533415) | | 3.52 | 0.127 | |
| E5154825 (5533416) | | 2.18 | 0.017 | |
| E5154826 (5533417) | | 0.96 | <0.001 | |
| E5154827 (5533418) | | 1.78 | 0.035 | |
| E5154828 (5533419) | | 2.62 | 0.606 | |
| E5154829 (5533420) | | 2.58 | 0.023 | |
| E5154830 (5533421) | | 2.82 | 0.021 | |
| E5154831 (5533422) | | 1.82 | 0.298 | |
| E5154832 (5533423) | | 2.08 | 0.152 | |
| E5154833 (5533424) | | 2.14 | 0.124 | |
| E5154834 (5533425) | | 2.48 | 0.145 | |
| E5154835 (5533426) | | 0.10 | 0.922 | |
| E5154836 (5533427) | | 2.32 | 0.263 | |
| E5154837 (5533428) | | 2.52 | 0.651 | |
| E5154838 (5533429) | | 2.30 | 1.13 | |
| E5154839 (5533430) | | 2.44 | 1.02 | |
| E5154840 (5533431) | | 2.52 | 0.706 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U858367

PROJECT NO: HISLOP PROJECT

5623 McADAM ROAD
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 TEL (905)501-9998
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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jun 27, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5154841 (5533432) | | 2.56 | 0.360 | |
| E5154842 (5533433) | | 1.62 | 0.042 | |
| E5154843 (5533434) | | 3.20 | 0.006 | |
| E5154844 (5533435) | | 0.84 | 0.008 | |
| E5154845 (5533436) | | 2.50 | 0.108 | |
| E5154846 (5533437) | | 2.54 | 0.019 | |
| E5154847 (5533438) | | 2.62 | 0.154 | |
| E5154848 (5533439) | | 2.78 | 0.066 | |
| E5154849 (5533440) | | 2.86 | 5.32 | 4.76 |
| E5154850 (5533441) | | 2.52 | 0.039 | |
| E5154851 (5533442) | | 2.56 | 0.045 | |
| E5154852 (5533443) | | 2.58 | 0.050 | |
| E5154853 (5533444) | | 2.66 | 0.210 | |
| E5154854 (5533445) | | 0.10 | 0.502 | |
| E5154855 (5533446) | | 3.84 | 0.110 | |
| E5154856 (5533447) | | 3.76 | 0.026 | |
| E5154857 (5533448) | | 4.12 | 0.016 | |
| E5154858 (5533449) | | 3.14 | 0.007 | |
| E5154859 (5533450) | | 1.70 | 1.81 | |
| E5154860 (5533451) | | 2.46 | 0.493 | |
| E5154861 (5533452) | | 2.62 | 0.334 | |
| E5154862 (5533453) | | 2.64 | 0.018 | |
| E5154863 (5533454) | | 2.32 | 0.078 | |
| E5154864 (5533455) | | 1.06 | <0.001 | |
| E5154865 (5533456) | | 3.22 | 0.013 | |
| E5154866 (5533457) | | 3.00 | 0.030 | |
| E5154867 (5533458) | | 2.40 | 0.485 | |
| E5154868 (5533459) | | 2.12 | 0.261 | |
| E5154869 (5533460) | | 2.36 | 2.41 | |
| E5154870 (5533461) | | 3.18 | 4.36 | |
| E5154871 (5533462) | | 3.38 | 0.119 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U858367

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jun 27, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E5154872 (5533463) | | 3.14 | 0.040 | |
| E5154873 (5533464) | | 3.36 | 0.011 | |
| E5154874 (5533465) | | 3.60 | 0.006 | |
| E5154875 (5533466) | | 0.10 | 0.847 | |
| E5154876 (5533467) | | 2.64 | 0.002 | |
| E5154877 (5533468) | | 3.08 | 0.002 | |
| E5154878 (5533469) | | 3.44 | 0.008 | |
| E5154879 (5533470) | | 3.30 | 0.002 | |
| E5154880 (5533471) | | 3.78 | 0.015 | |
| E5154881 (5533472) | | 3.62 | 0.337 | |
| E5154882 (5533473) | | 3.58 | 0.164 | |
| E5154883 (5533474) | | 2.24 | 1.60 | |
| E5154884 (5533475) | | 2.46 | 0.234 | |
| E5154885 (5533476) | | 1.30 | 0.003 | |
| E5154886 (5533477) | | 2.48 | 0.412 | |
| E5154887 (5533478) | | 3.28 | 0.008 | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5154823 | 0.009 | 0.009 | 0.0% | E5154836 | 0.263 | 0.255 | 3.1% | E5154848 | 0.066 | 0.071 | 7.3% | E5154860 | 0.493 | 0.455 | 8.0% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E5154849 | 4.76 | 4.65 | 2.3% | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (GS6D) | | | | CRM #2 (GS6D) | | | | CRM #3 | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|--------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 6.09 | 6.12 | 100% | 90% - 110% | 6.09 | 5.52 | 90% | 90% - 110% | 14.8 | 16.4 | 110% | 90% - 110% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U858367

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U863129

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

DATE REPORTED: Aug 05, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U863129

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Aug 05, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5154888 (5570125) | | 3.32 | 0.013 |
| E5154889 (5570126) | | 3.66 | 0.006 |
| E5154890 (5570127) | | 3.52 | 0.002 |
| E5154891 (5570128) | | 3.26 | 0.009 |
| E5154892 (5570129) | | 3.74 | <0.001 |
| E5154893 (5570130) | | 3.48 | <0.001 |
| E5154894 (5570131) | | 0.08 | 0.522 |
| E5154895 (5570132) | | 3.68 | 0.007 |
| E5154896 (5570133) | | 3.82 | 0.001 |
| E5154897 (5570134) | | 2.62 | <0.001 |
| E5154898 (5570135) | | 3.16 | <0.001 |
| E5154899 (5570136) | | 3.46 | 0.004 |
| E5154900 (5570137) | | 3.34 | 0.007 |
| E5154901 (5570138) | | 3.56 | 0.007 |
| E5154902 (5570139) | | 3.70 | 0.002 |
| E5154903 (5570140) | | 3.38 | 0.004 |
| E5154904 (5570141) | | 1.80 | <0.001 |
| E5154905 (5570142) | | 3.24 | 0.098 |
| E5154906 (5570143) | | 3.04 | 2.03 |
| E5154907 (5570144) | | 3.30 | 0.157 |
| E5154908 (5570145) | | 3.06 | 0.026 |
| E5154909 (5570146) | | 3.62 | 0.007 |
| E5154910 (5570147) | | 3.80 | 0.007 |
| E5154911 (5570148) | | 3.86 | 0.020 |
| E5154912 (5570149) | | 3.90 | 0.004 |
| E5154913 (5570150) | | 3.62 | 0.003 |
| E5154914 (5570151) | | 0.10 | 0.877 |
| E5154915 (5570152) | | 3.52 | 0.004 |
| E5154916 (5570153) | | 3.36 | 0.004 |
| E5154917 (5570154) | | 2.70 | 0.003 |
| E5154918 (5570155) | | 2.68 | 0.019 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U863129

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Aug 05, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5154919 (5570156) | | 3.10 | 0.039 |
| E5154920 (5570157) | | 1.30 | 0.374 |
| E5154921 (5570158) | | 1.08 | 0.013 |
| E5154922 (5570159) | | 2.90 | 0.008 |
| E5154923 (5570160) | | 1.34 | 0.015 |
| E5154924 (5570161) | | 1.62 | <0.001 |
| E5154925 (5570162) | | 2.24 | 0.034 |
| E5154926 (5570163) | | 1.02 | 0.880 |
| E5154927 (5570164) | | 3.50 | 0.020 |
| E5154928 (5570165) | | 3.64 | 0.016 |
| E5154929 (5570166) | | 0.80 | 0.571 |
| E5154930 (5570167) | | 2.04 | 0.014 |
| E5154931 (5570168) | | 2.56 | 0.004 |
| E5154932 (5570169) | | 2.70 | 0.016 |
| E5154933 (5570170) | | 3.04 | 0.128 |
| E5154934 (5570171) | | 0.10 | 0.518 |
| E5154935 (5570172) | | 3.76 | 0.108 |
| E5154936 (5570173) | | 3.94 | 0.002 |
| E5154937 (5570174) | | 3.44 | 0.005 |
| E5154938 (5570175) | | 3.44 | 0.005 |
| E5154939 (5570176) | | 1.76 | 0.032 |
| E5154940 (5570177) | | 3.68 | 0.037 |
| E5154941 (5570178) | | 3.46 | 0.018 |
| E5154942 (5570179) | | 1.78 | 0.005 |
| E5154943 (5570180) | | 3.72 | 0.026 |
| E5154944 (5570181) | | 1.70 | <0.001 |
| E5154945 (5570182) | | 3.44 | 0.013 |
| E5154946 (5570183) | | 2.12 | 0.003 |
| E5154947 (5570184) | | 0.84 | 0.083 |
| E5154948 (5570185) | | 3.56 | 0.007 |
| E5154949 (5570186) | | 0.74 | 0.072 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U863129

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Aug 05, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5154950 (5570187) | | 2.96 | 0.484 |
| E5154951 (5570188) | | 3.12 | 0.012 |
| E5154952 (5570189) | | 2.50 | 0.022 |
| E5154953 (5570190) | | 3.76 | 0.188 |
| E5154954 (5570191) | | 3.36 | 0.388 |
| E5154955 (5570192) | | 2.00 | 0.031 |
| E5154956 (5570193) | | 3.00 | 0.316 |
| E5154957 (5570194) | | 2.02 | 0.088 |
| E5154958 (5570195) | | 3.00 | 0.009 |
| E5154959 (5570196) | | 3.52 | 0.006 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5154900 | 0.007 | 0.007 | 0.0% | E5154913 | 0.003 | 0.004 | 28.6% | E5154938 | 0.005 | 0.004 | 22.2% | E5154949 | 0.072 | 0.083 | 14.2% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (ref.1P5K) | | | | CRM #2 (ref.GS6D) | | | | CRM #3 (ref.1P5K) | | | | CRM #4 (ref.1P5K) | | | |
|-----------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.31 | 91% | 90% - 110% | 6.09 | 6.06 | 100% | 90% - 110% | 1.44 | 1.54 | 107% | 90% - 110% | 1.44 | 1.54 | 107% | 90% - 110% |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U863129

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP

AGAT WORK ORDER: 14U930777

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 06, 2015

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U930777

PROJECT: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 22, 2014

DATE RECEIVED: Dec 19, 2014

DATE REPORTED: Jan 06, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E601301 (6209959) | | 2.02 | 0.006 |
| E601302 (6209960) | | 2.02 | 0.007 |
| E601303 (6209961) | | 1.74 | 0.004 |
| E601304 (6209962) | | 0.54 | 0.242 |
| E601305 (6209963) | | 1.20 | 0.068 |
| E601306 (6209964) | | 0.50 | 0.093 |
| E601307 (6209965) | | 1.14 | 0.036 |
| E601308 (6209966) | | 0.80 | 0.041 |
| E601309 (6209967) | | 0.98 | 0.005 |
| E601310 (6209968) | | 1.16 | 0.008 |
| E601311 (6209969) | | 0.72 | 0.027 |
| E601312 (6209970) | | 0.98 | 0.005 |
| E601313 (6209971) | | 1.00 | 0.015 |
| E601314 (6209972) | | 0.94 | 0.019 |
| E601315 (6209973) | | 0.58 | 0.025 |
| E601316 (6209974) | | 0.80 | 0.085 |
| E601317 (6209975) | | 0.96 | 0.066 |
| E601318 (6209976) | | 0.56 | 0.110 |
| E601319 (6209977) | | 1.32 | <0.001 |
| E601320 (6209978) | | 0.06 | 0.830 |
| E601321 (6209979) | | 1.88 | 0.446 |
| E601322 (6209980) | | 1.00 | 0.911 |
| E601323 (6209981) | | 1.76 | 0.441 |
| E601324 (6209982) | | 2.36 | 0.020 |
| E601325 (6209983) | | 1.96 | 0.030 |
| E601326 (6209984) | | 2.04 | 0.010 |
| E601327 (6209985) | | 2.00 | 0.007 |
| E601328 (6209986) | | 2.06 | 0.008 |
| E601329 (6209987) | | 1.98 | 0.023 |
| E601330 (6209988) | | 0.06 | 0.493 |
| E601331 (6209989) | | 2.28 | 0.006 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U930777

PROJECT: HISLOP

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 22, 2014

DATE RECEIVED: Dec 19, 2014

DATE REPORTED: Jan 06, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|--------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E601332 (6209990) | | 1.98 | 0.009 |
| E601333 (6209991) | | 1.96 | 0.004 |
| E601334 (6209992) | | 2.22 | 0.004 |
| E601335 (6209993) | | 2.14 | 0.009 |
| E601336 (6209994) | | 1.94 | 0.014 |
| E601337 (6209995) | | 2.20 | 0.009 |
| E601338 (6209996) | | 1.88 | 0.014 |
| E601339 (6209997) | | 1.84 | <0.001 |
| E601340 (6209998) | | 2.18 | 0.006 |
| E601341 (6209999) | | 2.08 | 0.006 |
| E601342 (6210000) | | 2.00 | 0.007 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | 6209959 | 0.006 | 0.007 | 15.4% | 6209979 | 0.446 | 0.424 | 5.1% | 6209996 | 0.014 | 0.012 | 15.4% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (ref.1P5K) | | | | CRM #2 (ref.GSP7J) | | | | CRM #3 (ref.GS6D) | | | | | | | |
|-----------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 1.44 | 1.52 | 106% | 90% - 110% | 0.722 | 0.749 | 104% | 90% - 110% | 6.09 | 5.83 | 96% | 90% - 110% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U930777

PROJECT: HISLOP

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U932171

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 22, 2015

PAGES (INCLUDING COVER): 7

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*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U932171

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 31, 2014 DATE RECEIVED: Dec 30, 2014 DATE REPORTED: Jan 22, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E601343 (6230786) | | 2.16 | 0.007 |
| E601344 (6230787) | | 2.16 | 0.020 |
| E601345 (6230788) | | 1.86 | 0.055 |
| E601346 (6230789) | | 2.08 | 0.011 |
| E601347 (6230790) | | 2.34 | 0.002 |
| E601348 (6230791) | | 2.28 | 0.002 |
| E601349 (6230792) | | 2.02 | 0.226 |
| E601350 (6230793) | | 2.04 | 0.160 |
| E601351 (6230794) | | 1.86 | 0.018 |
| E601352 (6230795) | | 2.02 | 0.026 |
| E601353 (6230796) | | 2.04 | 0.088 |
| E601354 (6230797) | | 2.30 | 0.061 |
| E601355 (6230798) | | 1.58 | 0.012 |
| E601356 (6230799) | | 2.06 | 0.150 |
| E601357 (6230800) | | 0.06 | 0.882 |
| E601358 (6230801) | | 2.12 | 0.079 |
| E601359 (6230802) | | 1.06 | 0.093 |
| E601360 (6230803) | | 2.18 | 0.021 |
| E601361 (6230804) | | 1.84 | 0.021 |
| E601362 (6230805) | | 2.12 | 0.019 |
| E601363 (6230806) | | 1.94 | 0.040 |
| E601364 (6230807) | | 1.98 | 0.008 |
| E601365 (6230808) | | 2.04 | 0.026 |
| E601366 (6230809) | | 2.04 | 0.040 |
| E601367 (6230810) | | 2.34 | 0.023 |
| E601368 (6230811) | | 2.06 | 0.073 |
| E601369 (6230812) | | 2.88 | 0.018 |
| E601370 (6230813) | | 2.84 | 0.063 |
| E601371 (6230814) | | 2.96 | 0.144 |
| E601372 (6230815) | | 0.90 | 0.112 |
| E601373 (6230816) | | 1.54 | 0.078 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U932171

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 31, 2014

DATE RECEIVED: Dec 30, 2014

DATE REPORTED: Jan 22, 2015

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E601374 (6230817) | | 1.28 | 0.002 |
| E601375 (6230818) | | 1.96 | 0.023 |
| E601376 (6230819) | | 2.06 | 0.013 |
| E601377 (6230820) | | 1.90 | 0.009 |
| E601378 (6230821) | | 0.06 | 1.04 |
| E601379 (6230822) | | 1.12 | 0.015 |
| E601380 (6230823) | | 1.56 | 0.056 |
| E601381 (6230824) | | 1.64 | 0.015 |
| E601382 (6230825) | | 1.92 | 0.038 |
| E601383 (6230826) | | 2.02 | 0.085 |
| E601384 (6230827) | | 1.72 | 0.005 |
| E601385 (6230828) | | 1.22 | 0.042 |
| E601386 (6230829) | | 2.16 | 0.047 |
| E601387 (6230830) | | 0.98 | 0.069 |
| E601388 (6230831) | | 1.52 | 0.020 |
| E601389 (6230832) | | 1.06 | 0.182 |
| E601390 (6230833) | | 1.22 | 0.117 |
| E601391 (6230834) | | 2.08 | 0.021 |
| E601392 (6230835) | | 1.38 | 0.327 |
| E601393 (6230836) | | 1.40 | <0.001 |
| E601394 (6230837) | | 1.88 | 0.006 |
| E601395 (6230838) | | 1.94 | 0.074 |
| E601396 (6230839) | | 0.06 | 0.905 |
| E601397 (6230840) | | 1.14 | 0.023 |
| E601398 (6230841) | | 2.02 | 0.075 |
| E601399 (6230842) | | 1.78 | 0.012 |
| E601400 (6230843) | | 2.60 | 0.006 |
| E601451 (6230844) | | 1.02 | 0.098 |
| E601452 (6230845) | | 2.10 | 0.009 |
| E601453 (6230846) | | 2.12 | 0.076 |
| E601454 (6230847) | | 1.78 | 0.093 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U932171

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Dec 31, 2014 DATE RECEIVED: Dec 30, 2014 DATE REPORTED: Jan 22, 2015 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E601455 (6230848) | | 2.08 | 0.081 |
| E601456 (6230849) | | 2.06 | 0.058 |
| E601457 (6230850) | | 0.96 | 0.184 |
| E601458 (6230851) | | 1.92 | 0.098 |
| E601459 (6230852) | | 1.84 | 0.042 |
| E601460 (6230853) | | 2.04 | 0.037 |
| E601461 (6230854) | | 1.88 | 0.033 |
| E601462 (6230855) | | 1.88 | 0.063 |
| E601463 (6230856) | | 1.74 | 0.077 |
| E601464 (6230857) | | 2.34 | 0.085 |
| E601465 (6230858) | | 1.94 | 0.022 |
| E601466 (6230859) | | 2.04 | 0.138 |
| E601467 (6230860) | | 1.44 | 0.971 |
| E601468 (6230861) | | 2.10 | 0.088 |
| E601469 (6230862) | | 1.70 | 1.47 |
| E601470 (6230863) | | 1.78 | 0.013 |
| E601471 (6230865) | | 2.04 | 0.140 |
| E601472 (6230867) | | 1.72 | 0.009 |
| E601473 (6230869) | | 1.12 | 0.197 |
| E601474 (6230871) | | 1.90 | 0.251 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-----|--------------|----------|-----------|-----|--------------|----------|-----------|------|--------------|----------|-----------|-----|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | 6230786 | 0.007 | 0.011 | | 6230802 | 0.093 | 0.079 | 16% | 6230818 | 0.023 | 0.025 | 8.9% | 6230837 | 0.006 | 0.005 | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (GSP7J) | | | | CRM #2 (GS6D) | | | | CRM #3 (1P5K) | | | | CRM #4 (GSP7J) | | | |
|-----------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.737 | 102% | 90% - 110% | 6.09 | 6.26 | 103% | 90% - 110% | 1.44 | 1.42 | 99% | 90% - 110% | 0.722 | 0.672 | 93% | 90% - 110% |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U932171

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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

*** Certificate of analysis ***

Laboratoire Expert Inc.

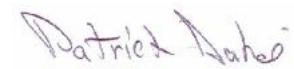
127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2014/06/26

Page : 1 of 3

| | |
|--|---------------------------------------|
| Client : St-Andrew / Holt Exploration Project | |
| Addressee : Thomas Gallo | Folder : 41436 |
| | Your order number : 4500026993 |
| | Project : |
| | Total number of samples : 50 |

| <u>Designation</u> | Au FA-GRAV g/t 0.03 | Au-Dup FA-GRAV g/t 0.03 |
|--------------------|------------------------------|----------------------------------|
| E5153160 | 1.06 | 1.03 |
| E5153161 | 0.42 | |
| E5153162 | 1.44 | |
| E5153163 | 4.97 | |
| E5153164 | 3.53 | |
| E5153165 | 2.85 | |
| E5153166 | 0.43 | |
| E5153167 | 0.14 | |
| E5153168 | 0.11 | |
| E5153169 | 0.43 | |
| E5153170 | 3.50 | |
| E5153171 | 2.50 | |
| E5153172 | 0.44 | 0.45 |
| E5153173 | 0.52 | |
| E5153174 | <0.03 | |
| E5153175 | 0.58 | |
| E5153176 | 2.33 | |
| E5153177 | 4.87 | |
| E5153178 | 1.17 | |
| E5153179 | 0.35 | |


Patrick Dubé, Assistant Manager

*** Certificate of analysis ***

Laboratoire Expert Inc.

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Date : 2014/06/26

Page : 2 of 3

| | |
|--|---------------------------------------|
| Client : St-Andrew / Holt Exploration Project | |
| Addressee : Thomas Gallo | Folder : 41436 |
| | Your order number : 4500026993 |
| | Project : |
| | Total number of samples : 50 |

| <u>Designation</u> | Au FA-GRAV g/t 0.03 | Au-Dup FA-GRAV g/t 0.03 |
|--------------------|------------------------------|----------------------------------|
| E5153180 | 3.26 | |
| Blk-01 | <0.03 | |
| E5153181 | 0.49 | |
| E5153182 | 14.40 | 14.50 |
| E5153183 | 23.14 | 22.97 |
| OXG104-01 | 0.93 | |
| E5153184 | 13.03 | 12.10 |
| E5153185 | 2.19 | |
| E5153186 | 0.94 | |
| E5153187 | 0.66 | |
| E5153188 | 4.63 | |
| E5153189 | 0.57 | |
| E5153190 | 2.85 | |
| E5153191 | 1.89 | |
| E5153192 | 2.19 | |
| E5153193 | 2.54 | |
| E5153194 | 4.08 | |
| E5153195 | 3.19 | |
| E5153196 | <0.03 | <0.03 |
| E5153197 | 1.65 | |

*** Certificate of analysis ***

Laboratoire Expert Inc.

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

Date : 2014/06/26

Page : 3 of 3

| | |
|--|---------------------------------------|
| Client : St-Andrew / Holt Exploration Project | |
| Addressee : Thomas Gallo | Folder : 41436 |
| | Your order number : 4500026993 |
| | Project : |
| | Total number of samples : 50 |

| <u>Designation</u> | Au FA-GRAV g/t 0.03 | Au-Dup FA-GRAV g/t 0.03 |
|--------------------|------------------------------|----------------------------------|
| E5153198 | 2.13 | |
| E5153199 | 13.27 | 13.03 |
| E5153200 | 2.81 | |
| E5153201 | 2.06 | |
| E5153202 | 0.85 | |
| E5153203 | 2.33 | |
| E5153204 | 2.30 | |
| E5153205 | 3.53 | |
| E5153206 | 8.50 | |
| E5153207 | 2.40 | |
| Blk-02 | <0.03 | |
| E5153208 | 0.18 | 0.19 |
| E5153209 | 0.15 | |



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

ATTENTION TO: BRIAN HUA

PROJECT NO:

AGAT WORK ORDER: 14U829278

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Apr 28, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U829278

PROJECT NO:

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 14, 2014 DATE RECEIVED: Apr 14, 2014 DATE REPORTED: Apr 28, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E5700152 (5283231) | | 2.42 | 0.006 |
| E5700153 (5283232) | | 0.72 | 0.009 |
| E5700154 (5283233) | | 2.46 | 0.004 |
| E5700155 (5283234) | | 2.24 | 0.005 |
| E5700156 (5283235) | | 1.10 | 0.013 |
| E5700157 (5283236) | | 0.88 | <0.001 |
| E5700158 (5283237) | | 0.78 | 2.97 |
| E5700159 (5283238) | | 2.70 | 0.146 |
| E5700160 (5283239) | | 1.72 | 0.150 |
| E5700161 (5283240) | | 1.28 | 0.154 |
| E5700162 (5283241) | | 1.28 | 0.725 |
| E5700163 (5283242) | | 0.90 | 0.799 |
| E5700164 (5283243) | | 0.10 | 3.49 |
| E5700165 (5283244) | | 2.10 | 0.036 |
| E5700166 (5283245) | | 2.22 | 0.038 |
| E5700167 (5283246) | | 3.18 | 0.058 |
| E5700168 (5283247) | | 3.18 | 0.062 |
| E5700169 (5283248) | | 2.54 | 0.008 |
| E5700170 (5283249) | | 3.36 | 0.003 |
| E5700171 (5283250) | | 1.90 | 0.003 |
| E5700172 (5283251) | | 1.52 | 0.006 |
| E5700173 (5283252) | | 2.88 | 0.228 |
| E5700174 (5283253) | | 1.56 | 0.003 |
| E5700175 (5283254) | | 2.54 | 0.206 |
| E5700176 (5283255) | | 1.42 | 0.052 |
| E5700177 (5283256) | | 2.88 | 0.054 |
| E5700178 (5283257) | | 3.14 | 0.079 |
| E5700179 (5283258) | | 3.28 | 0.015 |
| E5700180 (5283259) | | 2.98 | 0.019 |
| E5700181 (5283260) | | 2.86 | 0.126 |
| E5700182 (5283261) | | 2.50 | 0.119 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U829278

PROJECT NO:

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 14, 2014

DATE RECEIVED: Apr 14, 2014

DATE REPORTED: Apr 28, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| | | 0.01 | 0.001 |
| E5700183 (5283262) | | 2.72 | 0.082 |
| E5700184 (5283263) | | 0.10 | 0.504 |
| E5700185 (5283264) | | 2.64 | 0.076 |
| E5700186 (5283265) | | 1.30 | 1.03 |
| E5700187 (5283266) | | 2.26 | 1.05 |
| E5700188 (5283267) | | 2.80 | 0.428 |
| E5700189 (5283268) | | 2.26 | 0.427 |
| E5700190 (5283269) | | 2.32 | 0.612 |
| E5700191 (5283270) | | 2.18 | 0.567 |
| E5700192 (5283271) | | 2.16 | 0.143 |
| E5700193 (5283272) | | 2.32 | 0.109 |
| E5700194 (5283273) | | 2.34 | 0.665 |
| E5700195 (5283274) | | 2.20 | 0.673 |
| E5700196 (5283275) | | 2.06 | 0.139 |
| E5700197 (5283276) | | 2.32 | 0.129 |
| E5700198 (5283277) | | 2.14 | 0.367 |
| E5700199 (5283278) | | 1.08 | 0.002 |
| E5700200 (5283279) | | 2.16 | 0.117 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-----|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700152 | 0.006 | 0.016 | | E5700165 | 0.036 | 0.047 | 26.5% | E5700177 | 0.054 | 0.048 | 11.8% | E5700190 | 0.612 | 0.555 | 9.8% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (GS6d) | | | | CRM #2 (OxE101) | | | | CRM #3 (1P5K) | | | | CRM #4 (GS6D) | | | |
|-----------|---------------|--------|----------|------------|-----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 6.09 | 6.07 | 100% | 90% - 110% | 0.607 | 0.598 | 98% | 90% - 110% | 1.44 | 1.38 | 96% | 90% - 110% | 6.09 | 5.98 | 98% | 90% - 110% |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U829278

PROJECT NO:

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U831143

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: May 01, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U831143

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 21, 2014

DATE RECEIVED: Apr 17, 2014

DATE REPORTED: May 01, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5700201 (5298754) | | 2.30 | 0.486 |
| E5700202 (5298755) | | 2.22 | 0.388 |
| E5700203 (5298756) | | 1.50 | 0.659 |
| E5700204 (5298757) | | 1.90 | 0.803 |
| E5700205 (5298758) | | 2.38 | 0.801 |
| E5700206 (5298759) | | 0.10 | 2.25 |
| E5700207 (5298760) | | 2.26 | 0.239 |
| E5700208 (5298761) | | 2.60 | 0.232 |
| E5700209 (5298762) | | 2.34 | 0.435 |
| E5700210 (5298763) | | 1.54 | 0.376 |
| E5700211 (5298764) | | 1.54 | 1.27 |
| E5700212 (5298765) | | 2.18 | 0.480 |
| E5700213 (5298766) | | 1.56 | 1.08 |
| E5700214 (5298767) | | 2.52 | 2.57 |
| E5700215 (5298768) | | 2.40 | 1.39 |
| E5700216 (5298769) | | 1.22 | 0.024 |
| E5700217 (5298770) | | 2.46 | 0.599 |
| E5700218 (5298771) | | 2.36 | 0.542 |
| E5700219 (5298772) | | 0.82 | 0.645 |
| E5700220 (5298773) | | 2.52 | 0.207 |
| E5700221 (5298774) | | 2.48 | 1.49 |
| E5700222 (5298775) | | 2.04 | 0.372 |
| E5700223 (5298776) | | 0.96 | 8.97 |
| E5700224 (5298777) | | 2.20 | 0.632 |
| E5700225 (5298778) | | 2.18 | 0.493 |
| E5700226 (5298779) | | 2.34 | 0.438 |
| E5700227 (5298780) | | 0.10 | 0.529 |
| E5700228 (5298781) | | 2.48 | 0.231 |
| E5700229 (5298782) | | 1.52 | 0.183 |
| E5700230 (5298783) | | 3.86 | 0.005 |
| E5700231 (5298784) | | 2.02 | <0.001 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U831143

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 21, 2014

DATE RECEIVED: Apr 17, 2014

DATE REPORTED: May 01, 2014

SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Au |
|---------------------|---------------------|--------|
| Unit: | kg | ppm |
| Sample ID (AGAT ID) | RDL: | |
| E5700232 (5298785) | 1.32 | <0.001 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700213 | 1.08 | 1.15 | 6.3% | E5700226 | 0.438 | 0.486 | 10.4% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (OxE101) | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|-----------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 1.44 | 1.39 | 97% | 90% - 110% | 0.607 | 0.572 | 94% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U831143

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U831816

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: May 02, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U831816

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 23, 2014

DATE RECEIVED: Apr 22, 2014

DATE REPORTED: May 02, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5700233 (5302875) | | 2.22 | 0.006 |
| E5700234 (5302876) | | 2.92 | 0.077 |
| E5700235 (5302877) | | 2.56 | 0.027 |
| E5700236 (5302878) | | 2.68 | 0.130 |
| E5700237 (5302879) | | 1.74 | 0.354 |
| E5700238 (5302880) | | 1.42 | 0.001 |
| E5700239 (5302881) | | 3.08 | 2.24 |
| E5700240 (5302882) | | 2.94 | 0.863 |
| E5700241 (5302883) | | 2.90 | 1.25 |
| E5700242 (5302884) | | 2.72 | 0.132 |
| E5700243 (5302885) | | 2.94 | 0.614 |
| E5700244 (5302886) | | 3.42 | 0.467 |
| E5700245 (5302887) | | 2.32 | 0.535 |
| E5700246 (5302888) | | 2.38 | 0.078 |
| E5700247 (5302889) | | 2.02 | 0.540 |
| E5700248 (5302890) | | 0.10 | 2.24 |
| E5700249 (5302891) | | 0.76 | 0.795 |
| E5700250 (5302892) | | 0.74 | 1.06 |
| E5700251 (5302893) | | 2.54 | 2.74 |
| E5700252 (5302894) | | 2.56 | 1.49 |
| E5700253 (5302895) | | 2.64 | 0.177 |
| E5700254 (5302896) | | 2.84 | 0.050 |
| E5700255 (5302897) | | 3.78 | 0.063 |
| E5700256 (5302898) | | 3.68 | 0.205 |
| E5700257 (5302899) | | 2.44 | 0.237 |
| E5700258 (5302900) | | 1.24 | 0.001 |
| E5700259 (5302901) | | 2.62 | 0.048 |
| E5700260 (5302902) | | 1.20 | 0.495 |
| E5700261 (5302903) | | 1.40 | 0.149 |
| E5700262 (5302904) | | 2.52 | 0.064 |
| E5700263 (5302905) | | 2.14 | 0.040 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U831816

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 23, 2014 DATE RECEIVED: Apr 22, 2014 DATE REPORTED: May 02, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5700264 (5302906) | | 2.54 | 0.030 |
| E5700265 (5302907) | | 2.16 | 0.067 |
| E5700266 (5302908) | | 1.52 | 1.93 |
| E5700267 (5302909) | | 0.10 | 0.908 |
| E5700268 (5302911) | | 2.16 | 0.727 |
| E5700269 (5302912) | | 2.30 | 0.014 |
| E5700270 (5302913) | | 1.54 | 0.024 |
| E5700271 (5302914) | | 3.62 | 0.461 |
| E5700272 (5302915) | | 2.72 | 1.89 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5700246 | 0.078 | 0.083 | 6.2% | E5700259 | 0.048 | 0.050 | 4.1% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1p5K) | | | | CRM #2 (GSP7J) | | | | CRM #3 (1P5K) | | | | | | | |
|-----------|---------------|--------|----------|------------|----------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 1.44 | 1.48 | 103% | 90% - 110% | 0.722 | 0.703 | 97% | 90% - 110% | 1.44 | 1.5 | 104% | 90% - 110% | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U831816

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U833563

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

DATE REPORTED: May 08, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U833563

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 28, 2014

DATE RECEIVED: Apr 25, 2014

DATE REPORTED: May 08, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t | Au-check ppm |
|---------------------|---------------------------|---------------------------------|-----------|----------------|-----------------|
| | | 0.01 | 0.001 | 0.05 | 0.001 |
| E5700273 (5317099) | | 2.82 | 0.012 | | |
| E5700274 (5317101) | | 2.22 | 0.326 | | |
| E5700275 (5317102) | | 3.16 | 0.178 | | |
| E5700276 (5317103) | | 2.30 | 0.006 | | |
| E5700277 (5317104) | | 1.90 | 1.61 | | |
| E5700278 (5317105) | | 1.20 | <0.001 | | |
| E5700279 (5317107) | | 1.98 | 1.61 | | |
| E5700280 (5317108) | | 2.14 | 0.026 | | |
| E5700281 (5317109) | | 2.40 | 0.014 | | 0.013 |
| E5700282 (5317111) | | 3.50 | 0.007 | | 0.007 |
| E5700283 (5317112) | | 3.98 | 0.012 | | 0.005 |
| E5700284 (5317113) | | 3.74 | 0.006 | | 0.003 |
| E5700285 (5317114) | | 2.54 | 0.003 | | 0.002 |
| E5700286 (5317116) | | 2.62 | 0.393 | | 0.352 |
| E5700287 (5317117) | | 0.08 | 0.517 | | 0.481 |
| E5700288 (5317118) | | 1.70 | 0.699 | | 0.600 |
| E5700289 (5317119) | | 1.64 | 0.396 | | 0.354 |
| E5700290 (5317120) | | 1.56 | 1.43 | | |
| E5700291 (5317121) | | 2.48 | 0.026 | | |
| E5700292 (5317122) | | 2.34 | 0.014 | | |
| E5700293 (5317123) | | 1.34 | 0.777 | | |
| E5700294 (5317124) | | 2.44 | 0.556 | | |
| E5700295 (5317125) | | 1.28 | 0.573 | | |
| E5700296 (5317126) | | 2.90 | 0.005 | | |
| E5700297 (5317127) | | 2.62 | 0.004 | | |
| E5700298 (5317128) | | 1.08 | 0.015 | | |
| E5700299 (5317129) | | 3.02 | 0.009 | | |
| E5700300 (5317130) | | 3.60 | 0.065 | | |
| E5700301 (5317131) | | 3.78 | 0.015 | | |
| E5700302 (5317132) | | 2.72 | 0.017 | | |
| E5700303 (5317133) | | 0.96 | 0.634 | | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U833563

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 28, 2014

DATE RECEIVED: Apr 25, 2014

DATE REPORTED: May 08, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t | Au-check ppm |
|---------------------|---------------------------|---------------------------------|-----------|----------------|-----------------|
| E5700304 (5317134) | | 2.94 | 0.188 | | |
| E5700305 (5317135) | | 2.82 | 0.012 | | |
| E5700306 (5317136) | | 0.88 | 4.74 | | |
| E5700307 (5317137) | | 0.10 | 2.27 | | |
| E5700308 (5317138) | | 0.86 | 0.214 | | |
| E5700309 (5317139) | | 1.42 | 2.52 | | |
| E5700310 (5317140) | | 1.28 | 0.087 | | |
| E5700311 (5317141) | | 1.72 | 0.684 | | |
| E5700312 (5317142) | | 1.90 | 0.006 | | |
| E5700313 (5317143) | | 3.34 | 0.014 | | |
| E5700314 (5317144) | | 2.46 | 0.010 | | |
| E5700315 (5317145) | | 1.14 | 0.102 | | |
| E5700316 (5317146) | | 3.74 | 0.008 | | |
| E5700317 (5317147) | | 2.96 | 0.045 | | |
| E5700318 (5317148) | | 1.12 | 0.010 | | |
| E5700319 (5317149) | | 3.16 | 0.032 | | |
| E5700320 (5317150) | | 2.96 | 0.110 | | |
| E5700321 (5317151) | | 2.76 | 0.059 | | |
| E5700322 (5317152) | | 3.12 | 0.145 | | |
| E5700323 (5317153) | | 3.12 | 0.030 | | |
| E5700324 (5317154) | | 3.22 | 0.173 | | |
| E5700325 (5317155) | | 2.56 | 0.284 | | |
| E5700326 (5317156) | | 2.32 | 0.035 | | |
| E5700327 (5317157) | | 3.18 | 0.263 | | |
| E5700328 (5317158) | | 0.10 | 0.515 | | |
| E5700329 (5317159) | | 0.96 | 0.162 | | |
| E5700330 (5317160) | | 2.74 | 0.760 | | |
| E5700331 (5317161) | | 3.24 | 2.07 | | |
| E5700332 (5317162) | | 3.26 | 0.600 | | |
| E5700333 (5317163) | | 3.38 | 3.38 | | |
| E5700334 (5317164) | | 3.28 | 0.257 | | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U833563

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 28, 2014 DATE RECEIVED: Apr 25, 2014 DATE REPORTED: May 08, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav | Au-check |
|---------------------|----------|---------------------|--------|---------|----------|
| | Unit: | kg | ppm | g/t | ppm |
| | RDL: | 0.01 | 0.001 | 0.05 | 0.001 |
| E5700335 (5317165) | | 3.22 | 0.089 | | |
| E5700336 (5317166) | | 3.26 | 0.048 | | |
| E5700337 (5317167) | | 2.80 | 0.141 | | |
| E5700338 (5317168) | | 1.32 | <0.001 | | |
| E5700339 (5317169) | | 1.92 | 0.384 | | |
| E5700340 (5317170) | | 1.60 | 4.44 | | |
| E5700341 (5317171) | | 2.10 | 2.09 | | |
| E5700342 (5317172) | | 3.14 | >10 | 10.2 | |
| E5700343 (5317173) | | 3.32 | 2.69 | | |
| E5700344 (5317174) | | 3.16 | 0.748 | | |
| E5700345 (5317175) | | 2.12 | 5.40 | | |
| E5700346 (5317176) | | 1.78 | 2.34 | | |
| E5700347 (5317177) | | 2.40 | 1.23 | | |
| E5700348 (5317178) | | 2.38 | 0.475 | | |
| E5700349 (5317179) | | 2.30 | 1.10 | | |
| E5700350 (5317180) | | 2.42 | 0.009 | | |
| E5700351 (5317181) | | 3.56 | 0.008 | | |
| E5700352 (5317182) | | 3.48 | 0.015 | | |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700281 | 0.013 | 0.012 | 8.0% | E5700286 | 0.393 | 0.396 | 0.8% | E5700298 | 0.015 | < 0.001 | | E5700311 | 0.684 | 0.622 | 9.5% |
| | REPLICATE #5 | | | | REPLICATE #6 | | | | REPLICATE #7 | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E5700323 | 0.030 | 0.030 | 0.0% | E5700336 | 0.048 | 0.055 | 13.6% | E5700348 | 0.475 | 0.489 | 2.9% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| | CRM #1 (GSP7J) | | | | CRM #2 (1P5K) | | | | CRM #3 (GS6D) | | | | CRM #4 (GSp7J) | | | |
|-----------|----------------|--------|----------|------------|---------------|--------|----------|------------|---------------|--------|----------|------------|----------------|--------|----------|------------|
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.719 | 100% | 90% - 110% | 1.44 | 1.4 | 97% | 90% - 110% | 6.09 | 5.74 | 94% | 90% - 110% | 0.722 | 0.791 | 110% | 90% - 110% |
| | CRM #5 (1P5K) | | | | CRM #6 | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 1.44 | 1.5 | 104% | 90% - 110% | | | | | | | | | | | | |
| Au-Grav | | | | | 14.8 | 14.8 | 100% | 95% - 105% | | | | | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U833563

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U863137

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

DATE REPORTED: Aug 05, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U863137

PROJECT NO: HISLOP PROJECT

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

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Aug 05, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401501 (5570267) | | 1.74 | 0.006 |
| E401502 (5570268) | | 2.18 | 0.088 |
| E401503 (5570269) | | 2.14 | 0.033 |
| E401504 (5570270) | | 2.04 | 0.544 |
| E401505 (5570271) | | 0.76 | <0.001 |
| E401506 (5570272) | | 2.52 | 0.162 |
| E401507 (5570273) | | 2.14 | 0.172 |
| E401508 (5570274) | | 2.00 | 1.10 |
| E401509 (5570275) | | 2.56 | 1.03 |
| E401510 (5570276) | | 2.52 | 0.016 |
| E401511 (5570277) | | 2.34 | 0.149 |
| E401512 (5570278) | | 2.16 | 0.038 |
| E401513 (5570279) | | 2.38 | 0.027 |
| E401514 (5570280) | | 2.16 | 0.039 |
| E401515 (5570281) | | 0.08 | 0.513 |
| E401516 (5570282) | | 2.28 | 0.183 |
| E401517 (5570283) | | 2.28 | 2.88 |
| E401518 (5570284) | | 3.02 | 0.125 |
| E401519 (5570285) | | 2.16 | 0.115 |
| E401520 (5570286) | | 2.28 | 0.051 |
| E401521 (5570287) | | 2.20 | 0.112 |
| E401522 (5570288) | | 1.60 | 0.345 |
| E401523 (5570289) | | 1.82 | 0.634 |
| E401524 (5570290) | | 2.20 | 0.366 |
| E401525 (5570291) | | 1.46 | <0.001 |
| E401526 (5570292) | | 2.36 | 0.416 |
| E401527 (5570293) | | 1.32 | 1.04 |
| E401528 (5570294) | | 1.94 | 0.934 |
| E401529 (5570295) | | 2.14 | 1.57 |
| E401530 (5570296) | | 2.02 | 0.158 |
| E401531 (5570297) | | 2.50 | 0.015 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U863137
PROJECT NO: HISLOP PROJECT

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CANADA L4Z 1N9
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FAX (905)501-0589
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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Aug 05, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401532 (5570298) | | 2.66 | 0.054 |
| E401533 (5570300) | | 2.40 | 0.565 |
| E401534 (5570301) | | 2.28 | 0.427 |
| E401535 (5570302) | | 0.08 | 0.852 |
| E401536 (5570303) | | 2.60 | 0.373 |
| E401537 (5570304) | | 2.30 | 0.030 |
| E401538 (5570305) | | 2.00 | 0.311 |
| E401539 (5570306) | | 2.38 | 0.037 |
| E401540 (5570307) | | 2.46 | 0.095 |
| E401541 (5570308) | | 2.38 | 0.161 |
| E401542 (5570309) | | 2.42 | 1.02 |
| E401543 (5570310) | | 2.40 | 0.208 |
| E401544 (5570311) | | 2.08 | 0.075 |
| E401545 (5570312) | | 1.24 | <0.001 |
| E401546 (5570313) | | 2.38 | 0.195 |
| E401547 (5570314) | | 2.20 | 0.026 |
| E401548 (5570315) | | 2.30 | 0.003 |
| E401549 (5570317) | | 2.56 | 0.109 |
| E401550 (5570318) | | 2.44 | 0.015 |
| E401551 (5570319) | | 2.54 | 0.268 |
| E401552 (5570320) | | 2.40 | 2.24 |
| E401553 (5570321) | | 2.52 | 0.018 |
| E401554 (5570323) | | 2.48 | 0.018 |
| E401555 (5570324) | | 0.10 | 0.522 |
| E401556 (5570325) | | 2.30 | 2.15 |
| E401557 (5570326) | | 2.24 | 1.97 |
| E401558 (5570327) | | 2.50 | 2.60 |
| E401559 (5570328) | | 2.52 | 1.79 |
| E401560 (5570330) | | 2.32 | 0.053 |
| E401561 (5570331) | | 2.32 | 0.063 |
| E401562 (5570332) | | 2.38 | 0.622 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U863137
PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Aug 05, 2014

SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Au |
|---------------------|---------------------|-------|
| Unit: | kg | ppm |
| Sample ID (AGAT ID) | RDL: 0.01 | 0.001 |
| E401563 (5570333) | 2.48 | 1.19 |
| E401564 (5570334) | 2.68 | 1.14 |
| E401565 (5570335) | 1.56 | 0.002 |
| E401566 (5570336) | 2.36 | 2.79 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E401514 | 0.039 | 0.033 | 16.7% | E401526 | 0.416 | 0.430 | 3.3% | E401539 | 0.037 | 0.041 | 10.3% | E401551 | 0.268 | 0.264 | 1.5% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (ref.1P5K) | | | | CRM #2 (ref.1P5K) | | | | CRM #3 (ref.GS6D) | | | | CRM #4 (ref.GS6D) | | | |
|---------------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.47 | 102% | 90% - 110% | 1.44 | 1.54 | 107% | 90% - 110% | 6.09 | 6.01 | 99% | 90% - 110% | 6.09 | 6.01 | 99% | 90% - 110% |
| CRM #5 (ref.OXE101) | | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au | 0.607 | 0.592 | 98% | 90% - 110% | | | | | | | | | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U863137

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U864253

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

DATE REPORTED: Aug 06, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U864253

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 16, 2014

DATE RECEIVED: Jul 15, 2014

DATE REPORTED: Aug 06, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401567 (5580218) | | 2.58 | 0.990 |
| E401568 (5580219) | | 2.46 | 0.551 |
| E401569 (5580220) | | 2.38 | 0.236 |
| E401570 (5580221) | | 2.24 | 0.973 |
| E401571 (5580222) | | 1.74 | 0.221 |
| E401572 (5580223) | | 2.12 | 1.70 |
| E401573 (5580224) | | 2.06 | 1.16 |
| E401574 (5580225) | | 2.84 | 0.408 |
| E401575 (5580226) | | 0.10 | 0.871 |
| E401576 (5580227) | | 2.36 | 0.230 |
| E401577 (5580228) | | 2.38 | 0.140 |
| E401578 (5580229) | | 2.44 | 0.156 |
| E401579 (5580230) | | 2.60 | 0.420 |
| E401580 (5580231) | | 2.10 | 1.77 |
| E401581 (5580232) | | 2.14 | 1.29 |
| E401582 (5580233) | | 2.56 | 0.169 |
| E401583 (5580234) | | 2.38 | 0.773 |
| E401584 (5580235) | | 2.42 | 0.673 |
| E401585 (5580236) | | 1.08 | 0.003 |
| E401586 (5580237) | | 3.56 | 0.701 |
| E401587 (5580238) | | 2.52 | 1.12 |
| E401588 (5580239) | | 2.56 | 1.45 |
| E401589 (5580240) | | 3.38 | 1.42 |
| E401590 (5580241) | | 2.46 | 5.58 |
| E401591 (5580242) | | 2.50 | 1.59 |
| E401592 (5580243) | | 2.58 | 2.22 |
| E401593 (5580244) | | 2.52 | 1.39 |
| E401594 (5580245) | | 2.46 | 1.74 |
| E401595 (5580246) | | 0.10 | 0.512 |
| E401596 (5580247) | | 2.52 | 1.75 |
| E401597 (5580248) | | 3.62 | 1.10 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U864253

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 16, 2014

DATE RECEIVED: Jul 15, 2014

DATE REPORTED: Aug 06, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401598 (5580249) | | 1.90 | 0.726 |
| E401599 (5580250) | | 2.30 | 0.567 |
| E401600 (5580251) | | 2.50 | 2.49 |
| E401601 (5580252) | | 2.54 | 1.80 |
| E401602 (5580253) | | 2.38 | 0.047 |
| E401603 (5580254) | | 2.12 | 0.062 |
| E401604 (5580255) | | 2.34 | 0.194 |
| E401605 (5580256) | | 1.24 | 0.004 |
| E401606 (5580257) | | 2.24 | 0.117 |
| E401607 (5580258) | | 2.38 | 0.511 |
| E401608 (5580259) | | 2.46 | 0.109 |
| E401609 (5580260) | | 2.02 | 0.056 |
| E401610 (5580261) | | 2.48 | 0.089 |
| E401611 (5580262) | | 2.40 | 0.185 |
| E401612 (5580263) | | 2.40 | 0.160 |
| E401613 (5580264) | | 2.56 | 0.043 |
| E401614 (5580265) | | 2.24 | 0.053 |
| E401615 (5580266) | | 0.10 | 2.15 |
| E401616 (5580267) | | 2.26 | 0.011 |
| E401617 (5580268) | | 2.36 | 0.071 |
| E401618 (5580269) | | 2.42 | 0.103 |
| E401619 (5580270) | | 2.40 | 0.150 |
| E401620 (5580271) | | 2.30 | 0.517 |
| E401621 (5580272) | | 2.36 | 0.172 |
| E401622 (5580273) | | 2.44 | 0.140 |
| E401623 (5580274) | | 2.42 | 0.048 |
| E401624 (5580275) | | 2.50 | 0.041 |
| E401625 (5580276) | | 0.88 | 0.001 |
| E401626 (5580277) | | 2.50 | 0.132 |
| E401627 (5580278) | | 2.36 | 0.135 |
| E401628 (5580279) | | 2.44 | 0.107 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U864253

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 16, 2014

DATE RECEIVED: Jul 15, 2014

DATE REPORTED: Aug 06, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401629 (5580280) | | 2.42 | 0.081 |
| E401630 (5580281) | | 2.28 | 0.323 |
| E401631 (5580282) | | 0.84 | 0.176 |
| E401632 (5580283) | | 1.76 | 0.038 |
| E401633 (5580284) | | 2.48 | 0.030 |
| E401634 (5580285) | | 2.38 | 0.003 |
| E401635 (5580286) | | 0.10 | 3.36 |
| E401636 (5580287) | | 2.62 | 0.003 |
| E401637 (5580288) | | 2.00 | 0.009 |
| E401638 (5580289) | | 2.56 | 0.004 |
| E401639 (5580290) | | 2.44 | 0.006 |
| E401640 (5580291) | | 2.30 | 0.004 |
| E401641 (5580292) | | 2.32 | 0.053 |
| E401642 (5580293) | | 2.36 | 0.006 |
| E401643 (5580294) | | 2.14 | 0.019 |
| E401644 (5580295) | | 2.18 | 0.016 |
| E401645 (5580296) | | 1.34 | 0.001 |
| E401646 (5580297) | | 2.48 | 0.011 |
| E401647 (5580298) | | 2.42 | 0.012 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E401592 | 2.22 | 2.30 | 3.5% | E401605 | 0.004 | 0.005 | 22.2% | E401617 | 0.071 | 0.083 | 15.6% | E401631 | 0.176 | 0.175 | 0.6% |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 1.44 | 1.34 | 93% | 90% - 110% | 6.09 | 6.18 | 102% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U864253

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: CRAIG TODD

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U869543

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

DATE REPORTED: Aug 20, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U869543

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 20, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401922 (5630633) | | 2.84 | 0.765 |
| E401923 (5630634) | | 3.58 | 0.404 |
| E401924 (5630635) | | 1.16 | 0.192 |
| E401925 (5630636) | | 1.54 | <0.001 |
| E401926 (5630637) | | 1.40 | 0.051 |
| E401927 (5630638) | | 2.48 | 0.085 |
| E401928 (5630639) | | 2.66 | 0.023 |
| E401929 (5630640) | | 3.10 | 1.95 |
| E401930 (5630641) | | 2.24 | 0.779 |
| E401931 (5630642) | | 2.58 | 0.565 |
| E401932 (5630643) | | 2.74 | 0.672 |
| E401933 (5630644) | | 2.02 | 0.603 |
| E401934 (5630645) | | 2.58 | 0.332 |
| E401935 (5630646) | | 0.10 | 2.25 |
| E401936 (5630647) | | 1.92 | 0.329 |
| E401937 (5630648) | | 1.30 | 1.09 |
| E401938 (5630649) | | 2.44 | 0.598 |
| E401939 (5630650) | | 2.70 | 0.040 |
| E401940 (5630651) | | 1.90 | 0.072 |
| E401941 (5630652) | | 3.32 | 1.07 |
| E401942 (5630653) | | 2.50 | 0.785 |
| E401943 (5630654) | | 3.50 | 0.969 |
| E401944 (5630655) | | 3.06 | 0.973 |
| E401945 (5630656) | | 1.24 | 0.002 |
| E401946 (5630657) | | 2.84 | 0.277 |
| E401947 (5630658) | | 3.06 | 0.110 |
| E401948 (5630659) | | 2.88 | 0.155 |
| E401949 (5630660) | | 1.54 | 0.052 |
| E401950 (5630661) | | 1.70 | 0.332 |
| E401951 (5630662) | | 2.82 | 1.60 |
| E401952 (5630663) | | 2.30 | 0.061 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U869543

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 20, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401953 (5630664) | | 1.74 | 0.060 |
| E401954 (5630665) | | 2.32 | 0.062 |
| E401955 (5630666) | | 0.10 | 3.48 |
| E401956 (5630667) | | 2.24 | 0.040 |
| E401957 (5630668) | | 1.26 | 0.124 |
| E401958 (5630669) | | 1.12 | 1.72 |
| E401959 (5630670) | | 2.44 | 0.805 |
| E401960 (5630671) | | 1.90 | 0.075 |
| E401961 (5630672) | | 1.30 | 0.029 |
| E401962 (5630673) | | 1.90 | 0.007 |
| E401963 (5630674) | | 2.46 | 0.010 |
| E401964 (5630675) | | 1.30 | 0.016 |
| E401965 (5630676) | | 1.14 | 0.001 |
| E401966 (5630677) | | 3.22 | 0.009 |
| E401967 (5630678) | | 2.22 | 0.036 |
| E401968 (5630679) | | 2.00 | 0.006 |
| E401969 (5630680) | | 2.14 | 0.007 |
| E401970 (5630681) | | 2.76 | 0.008 |
| E401971 (5630682) | | 3.14 | 0.011 |
| E401972 (5630683) | | 2.16 | 0.006 |
| E401973 (5630684) | | 2.26 | 0.003 |
| E401974 (5630685) | | 1.02 | 0.025 |
| E401975 (5630686) | | 0.10 | 0.549 |
| E401976 (5630687) | | 2.22 | 0.016 |
| E401977 (5630688) | | 2.24 | 0.051 |
| E401978 (5630689) | | 3.40 | 0.081 |
| E401979 (5630690) | | 3.50 | 0.054 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E401934 | 0.332 | 0.355 | 6.7% | E401947 | 0.110 | 0.111 | 0.9% | E401961 | 0.029 | 0.033 | 12.9% | E401972 | 0.006 | 0.006 | 0.0% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E401976 | 0.016 | 0.016 | 0.0% | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (ref.1P5K) | | | | CRM #2 (ref.GSP7J) | | | | CRM #3 (ref.1P5K) | | | | CRM #4 (ref.GS6D) | | | |
|-----------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.59 | 110% | 90% - 110% | 0.722 | 0.725 | 100% | 90% - 110% | 1.44 | 1.37 | 95% | 90% - 110% | 6.09 | 5.74 | 94% | 90% - 110% |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U869543

PROJECT NO: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U869557

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

DATE REPORTED: Aug 18, 2014

PAGES (INCLUDING COVER): 8

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*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U869557

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 18, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401829 (5630703) | | 2.36 | 1.08 |
| E401830 (5630704) | | 2.20 | 0.429 |
| E401831 (5630705) | | 2.30 | 1.37 |
| E401832 (5630706) | | 2.36 | 1.83 |
| E401833 (5630707) | | 2.32 | 3.35 |
| E401834 (5630708) | | 2.04 | 1.61 |
| E401835 (5630709) | | 0.10 | 0.919 |
| E401836 (5630710) | | 2.46 | 0.032 |
| E401837 (5630711) | | 2.44 | 0.472 |
| E401838 (5630712) | | 2.42 | 0.056 |
| E401839 (5630713) | | 2.60 | 0.184 |
| E401840 (5630714) | | 2.32 | 0.400 |
| E401841 (5630715) | | 2.34 | 0.034 |
| E401842 (5630716) | | 2.56 | 0.035 |
| E401843 (5630717) | | 2.46 | 0.054 |
| E401844 (5630718) | | 2.72 | 0.041 |
| E401845 (5630719) | | 0.72 | <0.001 |
| E401846 (5630720) | | 2.42 | 0.045 |
| E401847 (5630721) | | 2.48 | 0.013 |
| E401848 (5630722) | | 2.80 | 0.050 |
| E401849 (5630723) | | 2.54 | 0.031 |
| E401850 (5630724) | | 2.14 | 0.007 |
| E401851 (5630725) | | 1.74 | 0.224 |
| E401852 (5630726) | | 2.20 | 0.543 |
| E401853 (5630727) | | 2.82 | 1.50 |
| E401854 (5630728) | | 2.30 | 0.674 |
| E401855 (5630729) | | 0.10 | 2.30 |
| E401856 (5630730) | | 2.48 | 0.020 |
| E401857 (5630731) | | 2.20 | 0.052 |
| E401858 (5630732) | | 2.28 | 0.011 |
| E401859 (5630733) | | 1.90 | 0.136 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U869557

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 18, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401860 (5630734) | | 2.48 | 1.08 |
| E401861 (5630735) | | 2.12 | 0.148 |
| E401862 (5630736) | | 2.06 | 0.020 |
| E401863 (5630737) | | 2.26 | 0.007 |
| E401864 (5630738) | | 2.14 | 0.009 |
| E401865 (5630739) | | 1.08 | <0.001 |
| E401866 (5630740) | | 2.64 | 0.006 |
| E401867 (5630741) | | 2.36 | 0.002 |
| E401868 (5630742) | | 2.58 | 0.019 |
| E401869 (5630743) | | 2.56 | 0.012 |
| E401870 (5630744) | | 2.42 | 0.024 |
| E401871 (5630745) | | 2.60 | 0.005 |
| E401872 (5630746) | | 1.24 | 1.21 |
| E401873 (5630747) | | 2.10 | 0.110 |
| E401874 (5630748) | | 2.70 | 0.305 |
| E401875 (5630749) | | 0.10 | 3.51 |
| E401876 (5630750) | | 3.82 | 0.397 |
| E401877 (5630751) | | 3.40 | 0.153 |
| E401878 (5630752) | | 3.66 | 0.062 |
| E401879 (5630753) | | 3.52 | 0.014 |
| E401880 (5630754) | | 3.92 | 0.012 |
| E401881 (5630755) | | 3.82 | 0.008 |
| E401882 (5630756) | | 3.78 | 0.012 |
| E401883 (5630757) | | 3.20 | 0.004 |
| E401884 (5630758) | | 1.84 | 0.107 |
| E401885 (5630759) | | 1.74 | 0.002 |
| E401886 (5630760) | | 1.78 | 0.020 |
| E401887 (5630761) | | 1.78 | 0.066 |
| E401888 (5630762) | | 3.76 | 0.108 |
| E401889 (5630763) | | 3.66 | 0.082 |
| E401890 (5630764) | | 3.54 | 0.171 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U869557

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 18, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E401891 (5630765) | | 3.70 | 0.044 |
| E401892 (5630766) | | 2.54 | 0.833 |
| E401893 (5630767) | | 3.46 | 0.177 |
| E401894 (5630768) | | 3.62 | 0.005 |
| E401895 (5630769) | | 0.10 | 0.519 |
| E401896 (5630770) | | 2.52 | 0.806 |
| E401897 (5630771) | | 2.94 | 0.011 |
| E401898 (5630772) | | 2.96 | 0.142 |
| E401899 (5630773) | | 1.24 | 0.249 |
| E401900 (5630774) | | 1.96 | 0.051 |
| E401901 (5630775) | | 3.86 | 0.068 |
| E401902 (5630776) | | 2.84 | 0.122 |
| E401903 (5630777) | | 3.40 | 0.283 |
| E401904 (5630778) | | 1.38 | 1.54 |
| E401905 (5630779) | | 1.20 | <0.001 |
| E401906 (5630780) | | 1.32 | 1.01 |
| E401907 (5630781) | | 1.94 | 1.55 |
| E401908 (5630782) | | 1.86 | 1.70 |
| E401909 (5630783) | | 1.62 | 1.57 |
| E401910 (5630784) | | 2.40 | 0.302 |
| E401911 (5630785) | | 1.64 | 0.214 |
| E401912 (5630786) | | 1.34 | 0.555 |
| E401913 (5630787) | | 2.78 | 0.008 |
| E401914 (5630788) | | 3.72 | 0.056 |
| E401915 (5630789) | | 0.10 | 0.860 |
| E401916 (5630790) | | 3.40 | 0.026 |
| E401917 (5630791) | | 3.64 | 0.243 |
| E401918 (5630792) | | 3.42 | 0.082 |
| E401919 (5630793) | | 3.56 | 0.136 |
| E401920 (5630794) | | 3.42 | 0.038 |
| E401921 (5630795) | | 1.58 | 0.019 |

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 14U869557

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Jul 30, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 18, 2014

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|------|
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E401842 | 0.035 | 0.033 | 5.9% | E401854 | 0.674 | 0.689 | 2.2% | E401867 | 0.002 | 0.002 | 0.0% | E401879 | 0.014 | 0.015 | 6.9% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E401892 | 0.833 | 1.04 | 22.1% | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (ref.GSP7J) | | | | CRM #2 (ref.GSP7J) | | | | CRM #3 (ref.1P5K) | | | | CRM #4 (ref.GS6D) | | | |
|-----------|--------------------|--------|----------|------------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.734 | 102% | 90% - 110% | 0.722 | 0.776 | 108% | 90% - 110% | 1.44 | 1.48 | 103% | 90% - 110% | 6.09 | 6.02 | 99% | 90% - 110% |
| | CRM #5 (ref.GSP7J) | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au | 0.722 | 0.757 | 105% | 90% - 110% | | | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U869557

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: Craig Todd

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U883187

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

DATE REPORTED: Oct 01, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U883187

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 02, 2014 DATE RECEIVED: Aug 29, 2014 DATE REPORTED: Oct 01, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5155076 (5760718) | | 2.58 | 0.053 |
| E5155077 (5760719) | | 1.98 | 0.370 |
| E5155078 (5760720) | | 1.94 | 1.17 |
| E5155079 (5760721) | | 1.22 | 0.627 |
| E5155080 (5760722) | | 0.76 | 0.006 |
| E5155081 (5760723) | | 2.68 | 0.146 |
| E5155082 (5760724) | | 3.14 | 0.350 |
| E5155083 (5760725) | | 1.84 | 2.05 |
| E5155084 (5760726) | | 1.82 | 0.352 |
| E5155085 (5760727) | | 2.82 | 0.206 |
| E5155086 (5760728) | | 3.30 | 0.041 |
| E5155087 (5760729) | | 2.98 | 0.051 |
| E5155088 (5760730) | | 2.36 | 0.143 |
| E5155089 (5760731) | | 2.92 | 0.190 |
| E5155090 (5760732) | | 0.10 | 0.889 |
| E5155091 (5760733) | | 2.26 | 1.06 |
| E5155092 (5760734) | | 2.14 | 0.770 |
| E5155093 (5760735) | | 0.74 | 0.569 |
| E5155094 (5760736) | | 1.78 | 0.421 |
| E5155095 (5760737) | | 2.42 | 0.348 |
| E5155096 (5760738) | | 0.98 | 1.03 |
| E5155097 (5760739) | | 1.80 | 1.40 |
| E5155098 (5760740) | | 0.86 | 0.008 |
| E5155099 (5760741) | | 1.72 | 0.585 |
| E5155100 (5760742) | | 2.28 | 0.800 |
| E5155101 (5760743) | | 2.54 | 0.638 |
| E5155102 (5760744) | | 2.64 | 1.87 |
| E5155103 (5760745) | | 1.16 | 0.293 |
| E5155104 (5760746) | | 2.26 | 0.912 |
| E5155105 (5760747) | | 2.90 | 0.715 |
| E5155106 (5760748) | | 3.38 | 0.450 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U883187

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

DATE SAMPLED: Sep 02, 2014

DATE RECEIVED: Aug 29, 2014

DATE REPORTED: Oct 01, 2014

SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Au |
|---------------------|---------------------|-------|
| Unit: | kg | ppm |
| Sample ID (AGAT ID) | RDL: | |
| E5155107 (5760749) | 3.48 | 0.627 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--|--|--|--|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | E5155076 | 0.053 | 0.039 | 30.4% | E5155096 | 1.03 | 1.05 | 1.9% | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: Craig Todd

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

| Parameter | CRM #1 (ref.1P5K) | | | | CRM #2 (ref.GS6D) | | | | | | | | | | | |
|-----------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 1.44 | 1.37 | 95% | 90% - 110% | 6.09 | 5.77 | 95% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U883187

PROJECT: HISLOP PROJECT

ATTENTION TO: Craig Todd

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U891666

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Oct 09, 2014

PAGES (INCLUDING COVER): 8

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U891666

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 22, 2014 DATE RECEIVED: Sep 19, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E402863 (5833365) | | 2.60 | 0.017 |
| E402864 (5833366) | | 2.62 | 0.309 |
| E402865 (5833367) | | 1.72 | 0.137 |
| E402866 (5833368) | | 2.36 | 0.074 |
| E402867 (5833369) | | 2.12 | 0.660 |
| E402868 (5833370) | | 1.56 | 0.100 |
| E402869 (5833371) | | 1.50 | 0.434 |
| E402870 (5833372) | | 1.50 | 0.302 |
| E402871 (5833373) | | 0.10 | 0.918 |
| E402872 (5833374) | | 2.22 | 0.074 |
| E402873 (5833375) | | 1.80 | 0.037 |
| E402874 (5833376) | | 2.34 | 0.449 |
| E402875 (5833377) | | 2.76 | 0.122 |
| E402876 (5833378) | | 1.02 | 0.040 |
| E402877 (5833379) | | 2.78 | 0.021 |
| E402878 (5833380) | | 2.18 | 0.013 |
| E402879 (5833381) | | 1.68 | 0.050 |
| E402880 (5833382) | | 1.24 | <0.001 |
| E402881 (5833383) | | 1.54 | 0.144 |
| E402882 (5833384) | | 1.46 | 0.478 |
| E402883 (5833386) | | 1.16 | 0.286 |
| E402884 (5833387) | | 2.24 | 0.063 |
| E402885 (5833388) | | 1.88 | 0.053 |
| E402886 (5833389) | | 2.18 | 0.032 |
| E402887 (5833390) | | 2.20 | 0.041 |
| E402888 (5833391) | | 2.16 | 0.022 |
| E402889 (5833393) | | 0.08 | 1.07 |
| E402890 (5833394) | | 2.34 | 0.017 |
| E402891 (5833395) | | 2.06 | 0.066 |
| E402892 (5833396) | | 2.20 | 0.047 |
| E402893 (5833397) | | 2.14 | 0.050 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U891666

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 22, 2014 DATE RECEIVED: Sep 19, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E402894 (5833398) | | 2.24 | 0.018 |
| E402895 (5833399) | | 2.10 | 0.010 |
| E402896 (5833401) | | 2.20 | 0.016 |
| E402897 (5833402) | | 2.14 | 0.043 |
| E402898 (5833403) | | 1.48 | 0.021 |
| E402899 (5833404) | | 1.28 | <0.001 |
| E402900 (5833405) | | 2.04 | 0.034 |
| E402901 (5833406) | | 2.22 | 0.063 |
| E402902 (5833408) | | 2.28 | 0.031 |
| E402903 (5833409) | | 1.92 | 0.072 |
| E402904 (5833410) | | 2.24 | 0.175 |
| E402905 (5833411) | | 2.06 | 0.026 |
| E402906 (5833412) | | 2.22 | 0.014 |
| E402907 (5833413) | | 2.22 | 0.008 |
| E402908 (5833414) | | 1.16 | 0.017 |
| E402909 (5833415) | | 2.28 | 0.023 |
| E402910 (5833417) | | 0.08 | 0.920 |
| E402911 (5833418) | | 1.36 | 0.096 |
| E402912 (5833419) | | 1.48 | 0.287 |
| E402913 (5833420) | | 2.92 | 0.296 |
| E402914 (5833421) | | 2.24 | 0.325 |
| E402915 (5833422) | | 2.26 | 0.672 |
| E402916 (5833423) | | 1.92 | 0.276 |
| E402917 (5833424) | | 2.92 | 0.238 |
| E402918 (5833425) | | 2.08 | 0.347 |
| E402919 (5833426) | | 1.32 | <0.001 |
| E402920 (5833427) | | 2.50 | 1.00 |
| E402921 (5833428) | | 2.46 | 0.281 |
| E402922 (5833429) | | 2.28 | 0.249 |
| E402923 (5833430) | | 2.30 | 0.606 |
| E402924 (5833431) | | 1.54 | 1.42 |

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Certificate of Analysis

AGAT WORK ORDER: 14U891666

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 22, 2014 DATE RECEIVED: Sep 19, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E402925 (5833432) | | 1.42 | 1.39 |
| E402926 (5833433) | | 1.36 | 1.59 |
| E402927 (5833434) | | 1.48 | 1.67 |
| E402928 (5833435) | | 1.66 | 1.45 |
| E402929 (5833436) | | 0.10 | 3.50 |
| E402930 (5833437) | | 2.80 | 0.060 |
| E402931 (5833438) | | 1.46 | 0.051 |
| E402932 (5833439) | | 1.44 | 0.070 |
| E402933 (5833440) | | 3.02 | 0.094 |
| E402934 (5833441) | | 1.98 | 0.033 |
| E402935 (5833442) | | 2.02 | 0.025 |
| E402936 (5833443) | | 2.62 | 0.067 |
| E402937 (5833444) | | 1.76 | 0.043 |
| E402938 (5833445) | | 2.38 | 0.045 |
| E402939 (5833446) | | 1.58 | <0.001 |
| E402940 (5833447) | | 1.74 | 0.049 |
| E402941 (5833448) | | 1.22 | 0.049 |
| E402942 (5833449) | | 1.70 | 0.010 |
| E402943 (5833450) | | 1.00 | 0.009 |
| E402944 (5833451) | | 2.28 | 0.005 |
| E402945 (5833452) | | 2.08 | 0.003 |
| E402946 (5833453) | | 2.60 | 0.053 |
| E402947 (5833454) | | 2.54 | 0.032 |
| E402948 (5833455) | | 2.48 | 0.013 |
| E402949 (5833456) | | 0.10 | 1.04 |
| E402950 (5833457) | | 1.22 | 0.003 |
| E402951 (5833458) | | 2.32 | 0.018 |
| E402952 (5833459) | | 2.28 | 0.024 |
| E402953 (5833460) | | 1.16 | 0.082 |
| E402954 (5833461) | | 1.18 | 0.001 |
| E402955 (5833462) | | 1.28 | 0.003 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U891666

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 22, 2014 DATE RECEIVED: Sep 19, 2014 DATE REPORTED: Oct 09, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|--------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E402956 (5833463) | | 1.18 | 0.578 |
| E402957 (5833464) | | 2.22 | 0.006 |
| E402958 (5833465) | | 2.08 | 0.002 |
| E402959 (5833466) | | 1.12 | 0.116 |
| E402960 (5833467) | | 0.86 | 0.201 |
| E402961 (5833468) | | 1.70 | <0.001 |
| E402962 (5833469) | | 1.34 | 0.002 |
| E402963 (5833470) | | 2.40 | 0.002 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|-----|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E402863 | 0.0173 | 0.0196 | 12.5% | E402880 | < 0.001 | < 0.001 | 0.0% | E402948 | 0.0127 | 0.0119 | 6.5% | E402963 | 0.002 | 0.004 | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------------|--------|----------|------------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|--------------------|--------|----------|------------|
| | CRM #1 (ref.GSP7J) | | | | CRM #2 (ref.1P5K) | | | | CRM #3 (ref.GSP7J) | | | | CRM #4 (ref.GSP7J) | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 0.722 | 0.801 | 110% | 90% - 110% | 1.44 | 1.55 | 108% | 90% - 110% | 0.722 | 0.798 | 110% | 90% - 110% | 0.722 | 0.795 | 110% | 90% - 110% |
| | CRM #5 (ref.GS6D) | | | | CRM #6 (ref.1P5K) | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 6.09 | 6.23 | 102% | 90% - 110% | 1.44 | 1.58 | 109% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U891666

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U883110

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

DATE REPORTED: Oct 14, 2014

PAGES (INCLUDING COVER): 9

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U883110

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 02, 2014 DATE RECEIVED: Aug 29, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E402601 (5759862) | | 1.26 | 0.004 |
| E402602 (5759863) | | 1.18 | 0.009 |
| E402603 (5759864) | | 1.80 | 0.029 |
| E402604 (5759865) | | 1.94 | 0.002 |
| E402605 (5759866) | | 0.92 | 0.782 |
| E402606 (5759867) | | 1.12 | 0.039 |
| E402607 (5759868) | | 2.16 | 0.003 |
| E402608 (5759869) | | 2.18 | 0.006 |
| E402609 (5759870) | | 0.98 | 0.002 |
| E402610 (5759871) | | 2.14 | 0.395 |
| E402611 (5759872) | | 1.50 | 0.214 |
| E402612 (5759873) | | 2.16 | 0.016 |
| E402613 (5759874) | | 1.48 | 0.404 |
| E402614 (5759875) | | 0.10 | 0.540 |
| E402615 (5759876) | | 1.46 | 0.020 |
| E402616 (5759877) | | 2.30 | 0.257 |
| E402617 (5759878) | | 2.14 | 0.376 |
| E402618 (5759879) | | 2.36 | 1.17 |
| E402619 (5759880) | | 2.20 | 0.461 |
| E402620 (5759881) | | 2.16 | 0.127 |
| E402621 (5759882) | | 2.88 | 1.47 |
| E402622 (5759883) | | 2.26 | 0.247 |
| E402623 (5759884) | | 0.96 | 0.005 |
| E402624 (5759885) | | 2.46 | 0.149 |
| E402625 (5759886) | | 2.02 | 0.882 |
| E402626 (5759887) | | 1.68 | 0.070 |
| E402627 (5759889) | | 2.32 | 0.027 |
| E402628 (5759890) | | 1.96 | 0.012 |
| E402629 (5759891) | | 1.56 | 0.134 |
| E402630 (5759892) | | 1.44 | 0.180 |
| E402631 (5759893) | | 2.42 | 0.303 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U883110

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 02, 2014 DATE RECEIVED: Aug 29, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E402632 (5759894) | | 1.70 | 0.233 |
| E402633 (5759895) | | 3.14 | 0.240 |
| E402634 (5759896) | | 1.96 | 0.206 |
| E402635 (5759898) | | 0.10 | 0.870 |
| E402636 (5759899) | | 2.32 | 0.303 |
| E402747 (5759900) | | 2.24 | 2.82 |
| E402637 (5759901) | | 1.76 | 0.012 |
| E402638 (5759902) | | 2.12 | 0.331 |
| E402639 (5759903) | | 1.14 | 0.004 |
| E402640 (5759904) | | 1.94 | 0.343 |
| E402641 (5759905) | | 2.12 | 0.536 |
| E402642 (5759906) | | 1.08 | 0.004 |
| E402643 (5759907) | | 1.88 | 0.410 |
| E402644 (5759908) | | 1.36 | 0.661 |
| E402645 (5759909) | | 1.48 | 0.331 |
| E402646 (5759910) | | 1.72 | 0.769 |
| E402647 (5759911) | | 2.00 | 0.317 |
| E402648 (5759912) | | 2.02 | 0.548 |
| E402649 (5759913) | | 2.10 | 0.146 |
| E402650 (5759914) | | 1.30 | 0.490 |
| E402751 (5759915) | | 1.96 | 0.102 |
| E402752 (5759916) | | 1.14 | 0.377 |
| E402753 (5759917) | | 0.08 | 0.517 |
| E402754 (5759918) | | 2.02 | 0.465 |
| E402755 (5759919) | | 1.80 | 1.83 |
| E402756 (5759920) | | 1.32 | 0.876 |
| E402757 (5759921) | | 2.56 | 0.867 |
| E402758 (5759922) | | 2.28 | 0.652 |
| E402759 (5759923) | | 1.22 | 0.521 |
| E402760 (5759924) | | 2.20 | 1.08 |
| E402761 (5759925) | | 2.24 | 1.43 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U883110

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 02, 2014 DATE RECEIVED: Aug 29, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm |
|---------------------|---------------------------|---------------------------------|-----------|
| E402762 (5759926) | | 1.02 | 0.348 |
| E402763 (5759927) | | 2.12 | 1.92 |
| E402764 (5759928) | | 2.00 | 1.63 |
| E402765 (5759929) | | 2.54 | 5.85 |
| E402766 (5759930) | | 1.52 | 0.003 |
| E402767 (5759931) | | 1.52 | 3.13 |
| E402768 (5759932) | | 1.74 | 2.94 |
| E402769 (5759933) | | 1.40 | 3.34 |
| E402770 (5759934) | | 3.08 | 1.87 |
| E402771 (5759935) | | 1.86 | 1.37 |
| E402772 (5759936) | | 0.08 | 0.878 |
| E402773 (5759937) | | 2.60 | 0.925 |
| E402774 (5759938) | | 2.14 | 0.746 |
| E402775 (5759939) | | 2.34 | 0.348 |
| E402776 (5759940) | | 2.04 | 1.53 |
| E402777 (5759942) | | 1.52 | 0.828 |
| E402778 (5759943) | | 1.80 | 0.633 |
| E402779 (5759944) | | 3.46 | 1.76 |
| E402780 (5759945) | | 1.82 | 2.15 |
| E402781 (5759946) | | 2.80 | 0.696 |
| E402782 (5759947) | | 2.14 | 3.19 |
| E402783 (5759948) | | 1.46 | 0.008 |
| E402784 (5759949) | | 2.02 | 1.08 |
| E402785 (5759950) | | 2.42 | 0.533 |
| E402786 (5759951) | | 1.80 | 0.374 |
| E402787 (5759952) | | 2.38 | 0.283 |
| E402788 (5759953) | | 2.38 | 0.038 |
| E402789 (5759954) | | 2.44 | 0.015 |
| E402790 (5759955) | | 1.84 | 0.065 |
| E402791 (5759956) | | 2.18 | 0.082 |
| E402792 (5759957) | | 0.08 | 0.532 |

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Certificate of Analysis

AGAT WORK ORDER: 14U883110

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 02, 2014 DATE RECEIVED: Aug 29, 2014 DATE REPORTED: Oct 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E402793 (5759958) | | 3.44 | 0.083 |
| E402794 (5759959) | | 3.22 | 0.049 |
| E402795 (5759960) | | 3.04 | 0.025 |
| E402796 (5759961) | | 3.10 | 0.054 |
| E402797 (5759963) | | 3.38 | 0.049 |
| E402798 (5759964) | | 3.22 | 0.037 |
| E402799 (5759965) | | 3.02 | 0.402 |
| E402800 (5759966) | | 1.58 | 1.52 |
| E402801 (5759967) | | 2.22 | 0.355 |
| E402802 (5759968) | | 1.88 | 1.29 |
| E402803 (5759969) | | 2.12 | 3.29 |
| E402804 (5759970) | | 1.52 | 0.002 |
| E402805 (5759971) | | 1.80 | 4.74 |
| E402806 (5759972) | | 2.12 | 1.69 |
| E402807 (5759973) | | 1.66 | 1.26 |
| E402808 (5759974) | | 2.48 | 0.239 |
| E402809 (5759975) | | 1.22 | 1.36 |
| E402810 (5759976) | | 2.20 | 1.42 |
| E402811 (5759977) | | 2.26 | 1.96 |
| E402812 (5759979) | | 0.10 | 0.891 |
| E402813 (5759980) | | 1.66 | 4.62 |
| E402814 (5759981) | | 3.16 | 1.56 |
| E402815 (5759982) | | 2.00 | 0.133 |
| E402816 (5759983) | | 2.06 | 0.139 |
| E402817 (5759984) | | 2.74 | 0.101 |
| E402818 (5759985) | | 1.52 | 0.991 |
| E402819 (5759986) | | 2.62 | 0.449 |
| E402820 (5759987) | | 2.52 | 0.369 |
| E402821 (5759989) | | 2.08 | 0.173 |
| E402822 (5759990) | | 0.88 | 0.007 |
| E402823 (5759991) | | 2.24 | 0.362 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U883110

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Sep 02, 2014

DATE RECEIVED: Aug 29, 2014

DATE REPORTED: Oct 14, 2014

SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Au |
|---------------------|---------------------|-------|
| Unit: | kg | ppm |
| Sample ID (AGAT ID) | RDL: 0.01 | 0.001 |
| E402824 (5759992) | 2.28 | 2.53 |
| E402825 (5759993) | 1.80 | 1.31 |
| E402826 (5759994) | 2.38 | 4.51 |
| E402827 (5759995) | 1.12 | 0.062 |
| E402828 (5759996) | 1.80 | 0.138 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-------|--------------|----------|-----------|------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E402601 | 0.004 | 0.004 | 0.0% | E402626 | 0.070 | 0.081 | 14.6% | E402649 | 0.146 | 0.144 | 1.4% | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (ref.1P5K) | | | | CRM #2 (ref.OxE101) | | | | CRM #3 (ref.GS6D) | | | | CRM #4 (ref.1P5K) | | | |
|-----------|-------------------|--------|----------|------------|---------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 1.44 | 1.47 | 102% | 90% - 110% | 0.607 | 0.599 | 99% | 90% - 110% | 6.09 | 5.82 | 96% | 90% - 110% | 1.44 | 1.47 | 102% | 90% - 110% |



Method Summary

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

AGAT WORK ORDER: 14U883110
ATTENTION TO: CRAIG TODD
SAMPLED BY:

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



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

ATTENTION TO: SOPHIE CHARTRAND

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U914974

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

DATE REPORTED: Dec 01, 2014

PAGES (INCLUDING COVER): 8

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U914974

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: SOPHIE CHARTRAND

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

DATE SAMPLED: Nov 12, 2014

DATE RECEIVED: Nov 11, 2014

DATE REPORTED: Dec 01, 2014

SAMPLE TYPE: Rock

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E600248 (6066853) | | 2.40 | 0.083 |
| E600249 (6066854) | | 1.30 | <0.001 |
| E600250 (6066855) | | 1.12 | 0.230 |
| E600251 (6066856) | | 1.32 | 2.57 |
| E600252 (6066858) | | 1.04 | 0.081 |
| E600253 (6066859) | | 2.10 | 0.011 |
| E600254 (6066860) | | 2.30 | 0.208 |
| E600255 (6066861) | | 0.06 | 0.857 |
| E600256 (6066862) | | 1.32 | 0.174 |
| E600257 (6066863) | | 1.22 | 0.106 |
| E600258 (6066864) | | 1.48 | 0.372 |
| E600259 (6066865) | | 1.22 | 0.322 |
| E600260 (6066866) | | 1.14 | 0.292 |
| E600261 (6066867) | | 1.40 | 0.260 |
| E600262 (6066868) | | 1.36 | 0.535 |
| E600263 (6066869) | | 2.04 | 0.012 |
| E600264 (6066870) | | 2.46 | 0.552 |
| E600265 (6066871) | | 0.82 | 0.002 |
| E600266 (6066872) | | 1.68 | 0.065 |
| E600267 (6066873) | | 1.12 | 1.09 |
| E600268 (6066874) | | 1.52 | 0.908 |
| E600269 (6066875) | | 1.82 | 0.774 |
| E600270 (6066876) | | 1.14 | 0.094 |
| E600271 (6066877) | | 2.38 | 0.019 |
| E600272 (6066878) | | 2.24 | 0.001 |
| E600273 (6066879) | | 0.06 | 1.21 |
| E600274 (6066880) | | 1.56 | 0.094 |
| E600275 (6066881) | | 1.62 | 0.325 |
| E600276 (6066882) | | 1.72 | 0.320 |
| E600277 (6066883) | | 1.64 | 0.032 |
| E600278 (6066884) | | 1.86 | 0.011 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U914974

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: SOPHIE CHARTRAND

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

DATE SAMPLED: Nov 12, 2014

DATE RECEIVED: Nov 11, 2014

DATE REPORTED: Dec 01, 2014

SAMPLE TYPE: Rock

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E600279 (6066885) | | 1.34 | 0.005 |
| E600280 (6066886) | | 1.18 | <0.001 |
| E600281 (6066887) | | 2.98 | 0.023 |
| E600282 (6066888) | | 1.60 | <0.001 |
| E600283 (6066889) | | 2.90 | 0.082 |
| E600284 (6066890) | | 3.60 | 0.015 |
| E600285 (6066891) | | 1.48 | 0.106 |
| E600286 (6066892) | | 2.34 | 0.085 |
| E600287 (6066893) | | 1.80 | 0.107 |
| E600288 (6066894) | | 1.16 | 0.072 |
| E600289 (6066895) | | 1.82 | 0.094 |
| E600290 (6066896) | | 2.10 | 0.101 |
| E600291 (6066897) | | 0.06 | 2.16 |
| E600292 (6066898) | | 2.36 | 0.044 |
| E600293 (6066899) | | 1.18 | 0.003 |
| E600294 (6066900) | | 2.16 | 0.026 |
| E600295 (6066901) | | 2.92 | 0.088 |
| E600296 (6066902) | | 3.90 | 0.046 |
| E600297 (6066903) | | 1.76 | 0.053 |
| E600298 (6066904) | | 1.80 | 0.049 |
| E600299 (6066905) | | 1.94 | 0.026 |
| E600300 (6066906) | | 1.20 | <0.001 |
| E600301 (6066907) | | 1.56 | 0.004 |
| E600302 (6066908) | | 2.28 | <0.001 |
| E600303 (6066909) | | 3.80 | <0.001 |
| E600304 (6066910) | | 3.38 | <0.001 |
| E600305 (6066911) | | 1.66 | 0.004 |
| E600306 (6066912) | | 2.34 | 0.112 |
| E600307 (6066913) | | 1.36 | 0.102 |
| E600308 (6066914) | | 2.48 | 0.519 |
| E600309 (6066915) | | 0.06 | 1.23 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U914974

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: SOPHIE CHARTRAND

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

DATE SAMPLED: Nov 12, 2014

DATE RECEIVED: Nov 11, 2014

DATE REPORTED: Dec 01, 2014

SAMPLE TYPE: Rock

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E600310 (6066916) | | 3.94 | 0.498 |
| E600311 (6066917) | | 2.54 | 0.027 |
| E600312 (6066918) | | 2.86 | 0.007 |
| E600313 (6066919) | | 2.68 | <0.001 |
| E600314 (6066920) | | 1.26 | 0.007 |
| E600315 (6066921) | | 3.78 | 0.127 |
| E600316 (6066922) | | 1.62 | 0.002 |
| E600317 (6066923) | | 2.40 | 0.226 |
| E600318 (6066924) | | 1.38 | <0.001 |
| E600319 (6066925) | | 2.22 | 0.015 |
| E600320 (6066926) | | 1.76 | 0.032 |
| E600321 (6066927) | | 1.52 | 0.025 |
| E600322 (6066928) | | 1.14 | 0.006 |
| E600323 (6066929) | | 1.68 | 0.007 |
| E600324 (6066930) | | 2.50 | 0.135 |
| E600325 (6066931) | | 2.68 | 0.124 |
| E600326 (6066932) | | 0.06 | 0.899 |
| E600327 (6066933) | | 2.70 | 0.178 |
| E600328 (6066934) | | 2.20 | 0.006 |
| E600329 (6066935) | | 3.42 | 0.049 |
| E600330 (6066936) | | 1.56 | 0.621 |
| E600331 (6066937) | | 2.28 | 0.532 |
| E600332 (6066938) | | 1.54 | 0.186 |
| E600333 (6066939) | | 1.64 | 2.49 |
| E600334 (6066940) | | 3.42 | 3.14 |
| E600335 (6066941) | | 2.54 | 2.28 |
| E600336 (6066942) | | 1.32 | 0.004 |
| E600337 (6066943) | | 2.88 | 0.156 |
| E600338 (6066944) | | 1.86 | 0.091 |
| E600339 (6066945) | | 2.60 | 0.045 |
| E600340 (6066946) | | 3.56 | 0.067 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U914974

PROJECT: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: SOPHIE CHARTRAND

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

DATE SAMPLED: Nov 12, 2014

DATE RECEIVED: Nov 11, 2014

DATE REPORTED: Dec 01, 2014

SAMPLE TYPE: Rock

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E600341 (6066947) | | 1.46 | 0.108 |
| E600342 (6066948) | | 1.26 | 0.481 |
| E600343 (6066949) | | 2.76 | 0.841 |
| E600344 (6066950) | | 1.90 | 0.070 |
| E600345 (6066951) | | 0.06 | 0.510 |
| E600346 (6066952) | | 1.80 | 0.053 |
| E600347 (6066953) | | 2.08 | 0.098 |
| E600348 (6066954) | | 2.22 | 0.979 |
| E600349 (6066955) | | 2.94 | 0.174 |
| E600350 (6066956) | | 3.58 | 0.129 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: SOPHIE CHARTRAND

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

| (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm) | | | | | | | | | | | | | | | | |
|---|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|------|
| | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
| Parameter | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E600248 | 0.083 | 0.083 | 0.0% | E600348 | 0.979 | 0.987 | 0.8% | E600281 | 0.023 | 0.021 | 9.1% | E600298 | 0.049 | 0.046 | 6.3% |
| | REPLICATE #5 | | | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | | | | |
| Au | E600314 | 0.007 | < 0.001 | | | | | | | | | | | | | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: SOPHIE CHARTRAND

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

| Parameter | CRM #1 (ref.GS6D) | | | | CRM #2 (ref.GSP7J) | | | | CRM #3 (ref.GS6D) | | | | CRM #4 (ref.1p5k) | | | |
|--------------------|-------------------|--------|----------|------------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|-------------------|--------|----------|------------|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits |
| Au | 6.09 | 5.85 | 96% | 90% - 110% | 0.722 | 0.704 | 98% | 90% - 110% | 6.09 | 5.75 | 94% | 90% - 110% | 1.44 | 1.42 | 99% | 90% - 110% |
| CRM #5 (ref.GSP7J) | | | | | | | | | | | | | | | | |
| Parameter | Expect | Actual | Recovery | Limits | | | | | | | | | | | | |
| Au | 0.722 | 0.726 | 101% | 90% - 110% | | | | | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U914974

PROJECT: HISLOP PROJECT

ATTENTION TO: SOPHIE CHARTRAND

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: CRAIG TODD

PROJECT: HISLOP PROJECT

AGAT WORK ORDER: 14U916796

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

DATE REPORTED: Nov 27, 2014

PAGES (INCLUDING COVER): 7

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U916796

PROJECT: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 17, 2014 DATE RECEIVED: Nov 14, 2014 DATE REPORTED: Nov 27, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E600401 (6084487) | | 3.64 | 0.085 |
| E600402 (6084488) | | 3.56 | 0.092 |
| E600403 (6084489) | | 3.56 | 0.043 |
| E600404 (6084490) | | 2.22 | 0.138 |
| E600405 (6084491) | | 1.80 | <0.001 |
| E600406 (6084492) | | 1.60 | 0.183 |
| E600407 (6084493) | | 2.08 | 0.142 |
| E600408 (6084494) | | 3.42 | 0.747 |
| E600409 (6084495) | | 2.12 | 0.828 |
| E600410 (6084496) | | 2.52 | 0.130 |
| E600411 (6084497) | | 2.02 | 0.163 |
| E600412 (6084498) | | 2.98 | 0.209 |
| E600413 (6084499) | | 3.26 | 0.098 |
| E600414 (6084500) | | 2.88 | 0.060 |
| E600415 (6084501) | | 0.06 | 1.07 |
| E600416 (6084502) | | 2.34 | 0.082 |
| E600417 (6084503) | | 1.30 | 0.121 |
| E600418 (6084504) | | 2.14 | 0.149 |
| E600419 (6084505) | | 3.58 | 0.512 |
| E600420 (6084506) | | 1.46 | 2.69 |
| E600421 (6084507) | | 3.30 | 0.285 |
| E600422 (6084508) | | 2.24 | 0.120 |
| E600423 (6084509) | | 1.94 | 0.136 |
| E600424 (6084510) | | 1.94 | 0.034 |
| E600425 (6084511) | | 1.46 | <0.001 |
| E600426 (6084512) | | 1.20 | 0.584 |
| E600427 (6084513) | | 1.94 | 0.879 |
| E600428 (6084514) | | 2.10 | 0.046 |
| E600429 (6084515) | | 3.60 | 0.255 |
| E600430 (6084516) | | 1.58 | 0.283 |
| E600431 (6084517) | | 1.78 | 0.828 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U916796

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 17, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Nov 27, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E600432 (6084518) | | 3.40 | 0.196 |
| E600433 (6084519) | | 3.50 | 0.236 |
| E600434 (6084520) | | 3.62 | 0.298 |
| E600435 (6084521) | | 0.06 | 0.528 |
| E600436 (6084522) | | 1.26 | 0.137 |
| E600437 (6084523) | | 2.44 | 1.05 |
| E600438 (6084524) | | 3.66 | 0.063 |
| E600439 (6084525) | | 3.54 | 0.302 |
| E600440 (6084526) | | 3.60 | 0.519 |
| E600441 (6084527) | | 3.40 | 0.113 |
| E600442 (6084528) | | 1.44 | 0.044 |
| E600443 (6084529) | | 1.90 | 0.111 |
| E600444 (6084530) | | 3.34 | 0.364 |
| E600445 (6084531) | | 1.56 | 0.005 |
| E600446 (6084532) | | 1.64 | 0.288 |
| E600447 (6084533) | | 1.90 | 0.150 |
| E600448 (6084534) | | 3.66 | 0.248 |
| E600449 (6084535) | | 1.26 | 0.106 |
| E600450 (6084536) | | 2.24 | 0.909 |
| E600451 (6084537) | | 3.54 | 1.71 |
| E600452 (6084538) | | 3.46 | 0.245 |
| E600453 (6084539) | | 3.30 | 0.288 |
| E600454 (6084540) | | 3.40 | 0.389 |
| E600455 (6084541) | | 1.66 | <0.001 |
| E600456 (6084542) | | 3.42 | 0.543 |
| E600457 (6084543) | | 3.40 | 0.481 |
| E600458 (6084544) | | 3.48 | 0.434 |
| E600459 (6084545) | | 1.88 | 0.549 |
| E600460 (6084546) | | 2.60 | 1.73 |
| E600461 (6084547) | | 1.50 | 0.316 |
| E600462 (6084548) | | 2.64 | 0.135 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U916796

PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

DATE SAMPLED: Nov 17, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Nov 27, 2014

SAMPLE TYPE: Drill Core

| Analyte: | Sample Login Weight | Au |
|---------------------|---------------------|------------|
| Unit: | kg | ppm |
| Sample ID (AGAT ID) | RDL: | 0.01 0.001 |
| E600463 (6084549) | 1.98 | 0.055 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|------|--------------|----------|-----------|------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | E600401 | 0.085 | 0.079 | 7.3% | E600417 | 0.121 | 0.118 | 2.5% | E600436 | 0.137 | 0.142 | 3.6% | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials
 AGAT WORK ORDER: 14U916796
 PROJECT: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: CRAIG TODD

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

| Parameter | CRM #1 (ref.PG124) | | | | CRM #2 (ref.GSP7J) | | | | CRM #3 (ref.GS6D) | | | | | | | |
|-----------|--------------------|--------|----------|------------|--------------------|--------|----------|------------|-------------------|--------|----------|------------|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | |
| Au | 0.321 | 0.313 | 98% | 90% - 110% | 0.722 | 0.771 | 107% | 90% - 110% | 6.09 | 5.8 | 95% | 90% - 110% | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U916796

PROJECT: HISLOP PROJECT

ATTENTION TO: CRAIG TODD

SAMPLING SITE:

SAMPLED BY:

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U834168

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: May 14, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U834168

PROJECT NO: HISLOP PROJECT

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<http://www.agatlabs.com>

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 30, 2014

DATE RECEIVED: Apr 29, 2014

DATE REPORTED: May 14, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg | Au ppm | Au-Grav g/t |
|---------------------|---------------------------|---------------------------------|-----------|----------------|
| E5700353 (5321051) | | 2.02 | 0.007 | |
| E5700354 (5321052) | | 0.70 | 0.933 | |
| E5700355 (5321053) | | 3.80 | 0.059 | |
| E5700356 (5321054) | | 3.84 | 0.056 | |
| E5700357 (5321055) | | 1.42 | <0.001 | |
| E5700358 (5321056) | | 0.94 | 0.041 | |
| E5700359 (5321057) | | 2.70 | 0.072 | |
| E5700360 (5321058) | | 3.32 | 0.119 | |
| E5700361 (5321059) | | 0.62 | 0.497 | |
| E5700362 (5321060) | | 2.94 | 0.074 | |
| E5700363 (5321061) | | 3.44 | 0.004 | |
| E5700364 (5321062) | | 3.46 | 0.004 | |
| E5700365 (5321063) | | 3.58 | 0.003 | |
| E5700366 (5321064) | | 3.48 | 0.001 | |
| E5700367 (5321065) | | 2.28 | 0.002 | |
| E5700368 (5321066) | | 0.08 | 0.544 | |
| E5700369 (5321067) | | 1.84 | 0.018 | |
| E5700370 (5321068) | | 3.38 | 0.033 | |
| E5700371 (5321069) | | 0.72 | 0.153 | |
| E5700372 (5321070) | | 2.84 | 0.007 | |
| E5700373 (5321071) | | 3.12 | 0.236 | |
| E5700374 (5321072) | | 2.24 | 0.041 | |
| E5700375 (5321073) | | 2.36 | 0.216 | |
| E5700376 (5321074) | | 2.62 | 0.183 | |
| E5700377 (5321075) | | 2.34 | 0.382 | |
| E5700378 (5321076) | | 0.94 | 0.004 | |
| E5700379 (5321077) | | 1.80 | 0.201 | |
| E5700380 (5321078) | | 3.00 | 0.544 | |
| E5700381 (5321079) | | 1.50 | 0.108 | |
| E5700382 (5321080) | | 1.90 | >10 | 10.2 |
| E5700383 (5321081) | | 2.40 | 5.98 | |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U834168

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: Apr 30, 2014 DATE RECEIVED: Apr 29, 2014 DATE REPORTED: May 14, 2014 SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au | Au-Grav |
|---------------------|----------|---------------------|-------|---------|
| | Unit: | kg | ppm | g/t |
| | RDL: | 0.01 | 0.001 | 0.05 |
| E5700384 (5321082) | | 1.20 | 0.968 | |
| E5700385 (5321083) | | 2.44 | 2.45 | |
| E5700386 (5321084) | | 0.82 | 1.01 | |
| E5700387 (5321085) | | 0.08 | 0.914 | |
| E5700388 (5321086) | | 3.62 | 0.083 | |

Comments: RDL - Reported Detection Limit

Certified By:



AGAT Laboratories

Quality Assurance - Replicate
 AGAT WORK ORDER: 14U834168
 PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | | | | | | | | |
|-----------|--------------|----------|-----------|------|--------------|----------|-----------|-----|--|---------|------|------|-------|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | | | | | |
| Au | 5321063 | 0.003 | 0.003 | 0.0% | 5321076 | 0.004 | < 0.001 | | | | | | | | | |
| Au-Grav | | | | | | | | | | 5321080 | 10.2 | 8.45 | 18.8% | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U834168

PROJECT NO: HISLOP PROJECT

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CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GS6D) | | | | CRM #3 | | | | | | | | |
|-----------|---------------|--------|----------|------------|---------------|--------|----------|------------|--------|--------|----------|------------|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | |
| Au | 1.44 | 1.41 | 98% | 90% - 110% | 6.09 | 6.42 | 105% | 90% - 110% | | | | | | | | | |
| Au-Grav | | | | | | | | | 14.9 | 14.5 | 97% | 95% - 105% | | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U834168

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



CLIENT NAME: ST ANDREW GOLDFIELDS LTD
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(705) 567-4862

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U836603

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

DATE REPORTED: May 20, 2014

PAGES (INCLUDING COVER): 5

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

*NOTES

Empty box for notes.

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



Certificate of Analysis

AGAT WORK ORDER: 14U836603

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 07, 2014

DATE RECEIVED: May 06, 2014

DATE REPORTED: May 20, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5700407 (5340027) | | 2.92 | 0.045 |
| E5700408 (5340028) | | 3.08 | 0.028 |
| E5700409 (5340029) | | 3.26 | 0.045 |
| E5700410 (5340030) | | 3.38 | 0.014 |
| E5700411 (5340031) | | 2.96 | 0.032 |
| E5700412 (5340032) | | 1.82 | 1.24 |
| E5700413 (5340033) | | 1.32 | 0.006 |
| E5700414 (5340034) | | 1.60 | 0.069 |
| E5700415 (5340035) | | 2.86 | 0.032 |
| E5700416 (5340036) | | 2.04 | 0.067 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | Sample ID | REPLICATE #1 | | RPD | | | | | | | | | |
|-----------|-----------|--------------|-----------|-----|--|--|--|--|--|--|--|--|--|
| | | Original | Replicate | | | | | | | | | | |
| Au | E5700407 | 0.045 | 0.140 | | | | | | | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U836603

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (GS6D) | | | | Limits | | | | | | | | | |
|-----------|---------------|--------|----------|------------|--------|--|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | | | | | | | | | | | |
| Au | 6.09 | 5.76 | 95% | 90% - 110% | | | | | | | | | | |

Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U836603

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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



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

ATTENTION TO: BRIAN HUA

PROJECT NO: HISLOP PROJECT

AGAT WORK ORDER: 14U836599

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

DATE REPORTED: May 20, 2014

PAGES (INCLUDING COVER): 6

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 14U836599

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 07, 2014

DATE RECEIVED: May 06, 2014

DATE REPORTED: May 20, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 | Au ppm 0.001 |
|---------------------|---------------------------|---|--------------------|
| E5700417 (5339940) | | 2.46 | 0.003 |
| E5700418 (5339941) | | 1.14 | 0.017 |
| E5700419 (5339942) | | 3.18 | 0.004 |
| E5700420 (5339943) | | 2.24 | 0.040 |
| E5700421 (5339944) | | 1.60 | 0.312 |
| E5700422 (5339945) | | 1.22 | 0.001 |
| E5700423 (5339946) | | 1.54 | 0.378 |
| E5700424 (5339947) | | 2.24 | 0.073 |
| E5700425 (5339948) | | 1.38 | 0.064 |
| E5700426 (5339949) | | 2.96 | 0.003 |
| E5700427 (5339950) | | 3.16 | 0.047 |
| E5700428 (5339951) | | 2.90 | 0.233 |
| E5700429 (5339952) | | 2.70 | 0.266 |
| E5700430 (5339953) | | 1.96 | 0.014 |
| E5700431 (5339954) | | 2.20 | 0.123 |
| E5700432 (5339955) | | 0.08 | 0.525 |
| E5700433 (5339956) | | 2.36 | 0.026 |
| E5700434 (5339957) | | 3.34 | 0.017 |
| E5700435 (5339958) | | 1.14 | 0.313 |
| E5700436 (5339959) | | 3.26 | 0.006 |
| E5700437 (5339960) | | 2.16 | 0.008 |
| E5700438 (5339961) | | 2.16 | 0.003 |
| E5700439 (5339962) | | 2.16 | 0.262 |
| E5700440 (5339963) | | 1.16 | 2.07 |
| E5700441 (5339964) | | 1.36 | 0.260 |
| E5700442 (5339965) | | 1.40 | 0.001 |
| E5700443 (5339966) | | 0.52 | 8.24 |
| E5700444 (5339967) | | 2.16 | 0.413 |
| E5700445 (5339968) | | 2.28 | 0.134 |
| E5700446 (5339969) | | 1.64 | 0.099 |
| E5700447 (5339970) | | 0.94 | 3.49 |

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14U836599

PROJECT NO: HISLOP PROJECT

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

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

DATE SAMPLED: May 07, 2014

DATE RECEIVED: May 06, 2014

DATE REPORTED: May 20, 2014

SAMPLE TYPE: Drill Core

| Sample ID (AGAT ID) | Analyte: | Sample Login Weight | Au |
|---------------------|----------|---------------------|-------|
| | Unit: | kg | ppm |
| | RDL: | 0.01 | 0.001 |
| E5700448 (5339971) | | 3.30 | 0.017 |
| E5700449 (5339972) | | 3.64 | 2.17 |
| E5700450 (5339973) | | 2.78 | 0.026 |
| E5700451 (5339974) | | 1.62 | 4.13 |
| E5700452 (5339975) | | 0.10 | 3.45 |
| E5700453 (5339976) | | 2.04 | 0.043 |
| E5700454 (5339977) | | 0.96 | 4.34 |
| E5700455 (5339978) | | 2.40 | 0.026 |
| E5700456 (5339979) | | 1.56 | 0.658 |
| E5700457 (5339980) | | 1.20 | 0.591 |
| E5700458 (5339981) | | 1.20 | 0.118 |
| E5700459 (5339982) | | 3.42 | 0.013 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | REPLICATE #4 | | | |
|-----------|--------------|----------|-----------|-----|--------------|----------|-----------|-----|--------------|----------|-----------|------|--------------|----------|-----------|-----|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD |
| Au | E5700417 | 0.003 | 0.010 | | E5700430 | 0.014 | 0.010 | | E5700443 | 8.24 | 8.80 | 6.6% | E5700455 | 0.026 | 0.055 | |



CLIENT NAME: ST ANDREW GOLDFIELDS LTD

ATTENTION TO: BRIAN HUA

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

| Parameter | CRM #1 (1P5K) | | | | CRM #2 (GSP7J) | | | | | | | | | | | |
|-----------|---------------|--------|----------|------------|----------------|--------|----------|------------|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | | | | | |
| Au | 1.44 | 1.49 | 103% | 90% - 110% | 0.722 | 0.688 | 95% | 90% - 110% | | | | | | | | |



Method Summary

CLIENT NAME: ST ANDREW GOLDFIELDS LTD

AGAT WORK ORDER: 14U836599

PROJECT NO: HISLOP PROJECT

ATTENTION TO: BRIAN HUA

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

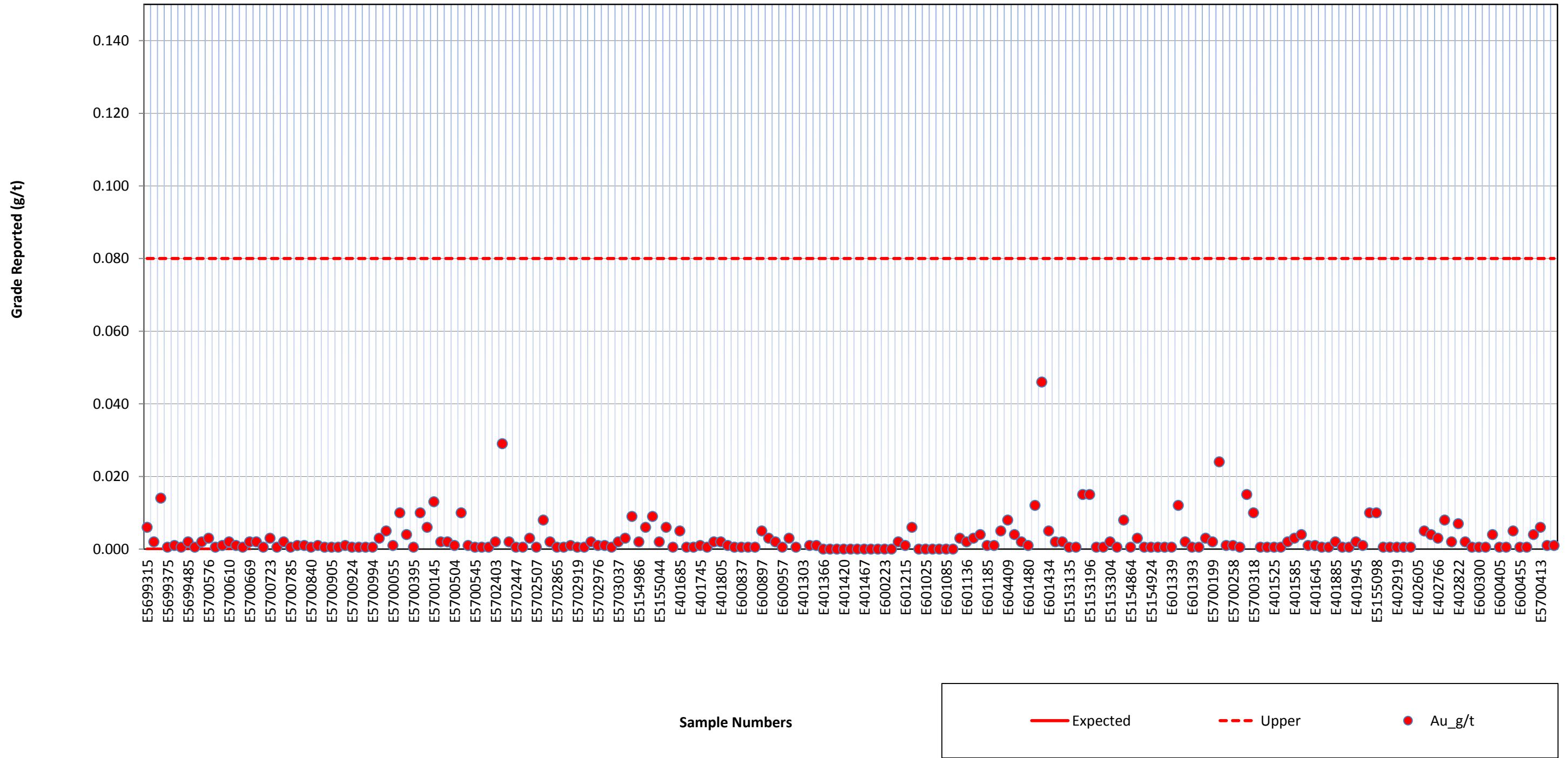


Appendix 4

QA/QC Report

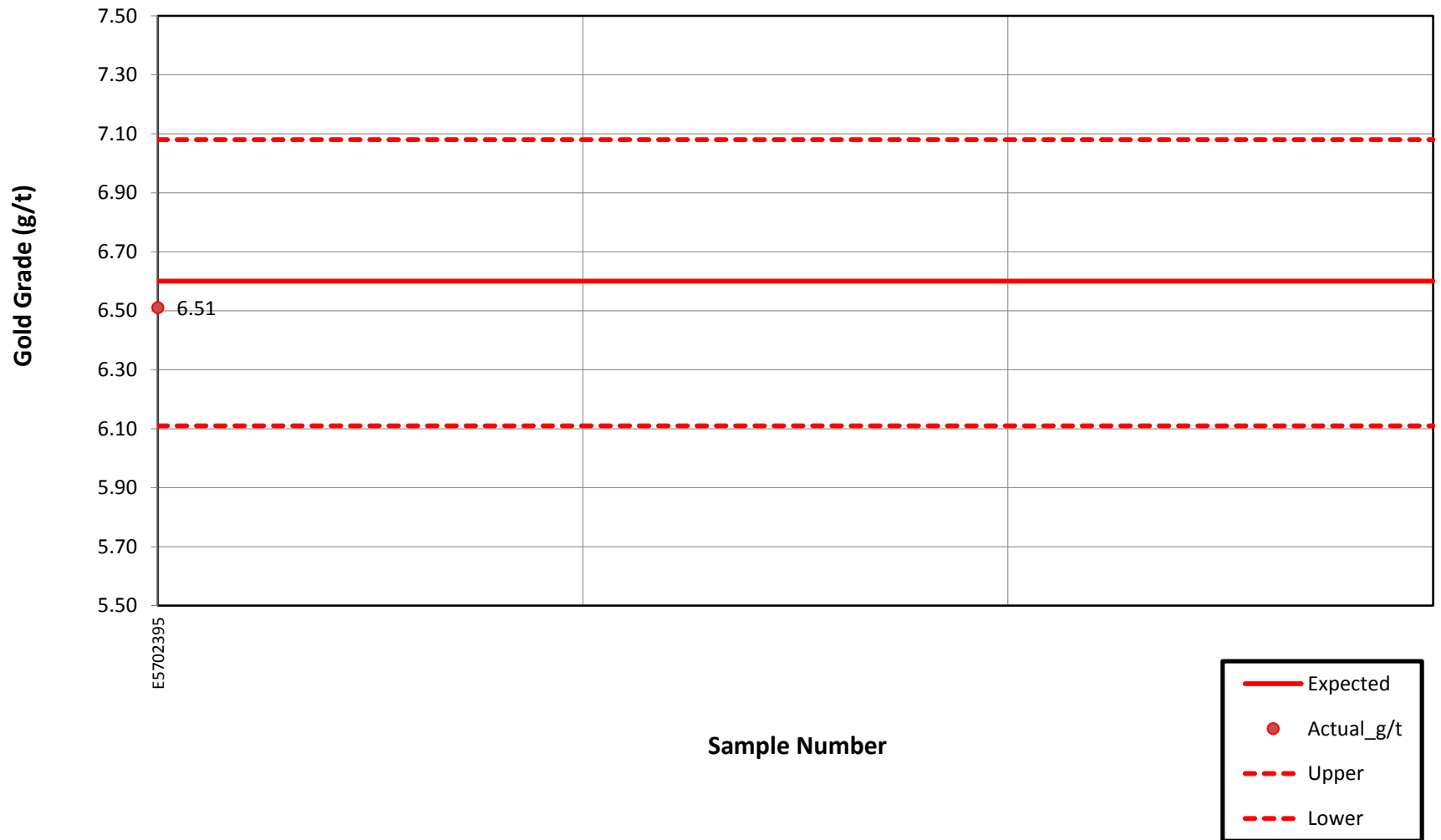


BLANKS



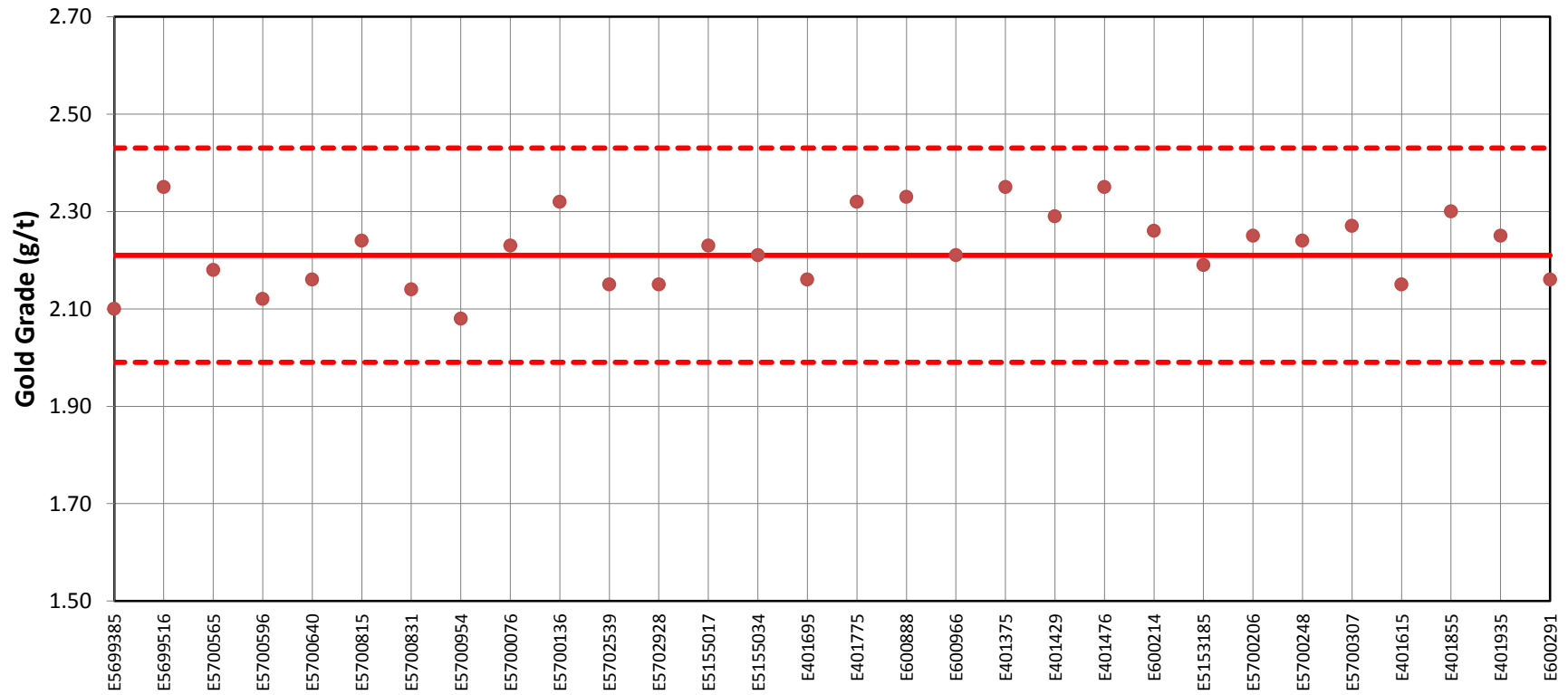


OREAS - 10c





OREAS - 16b

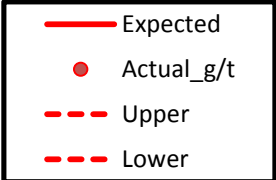
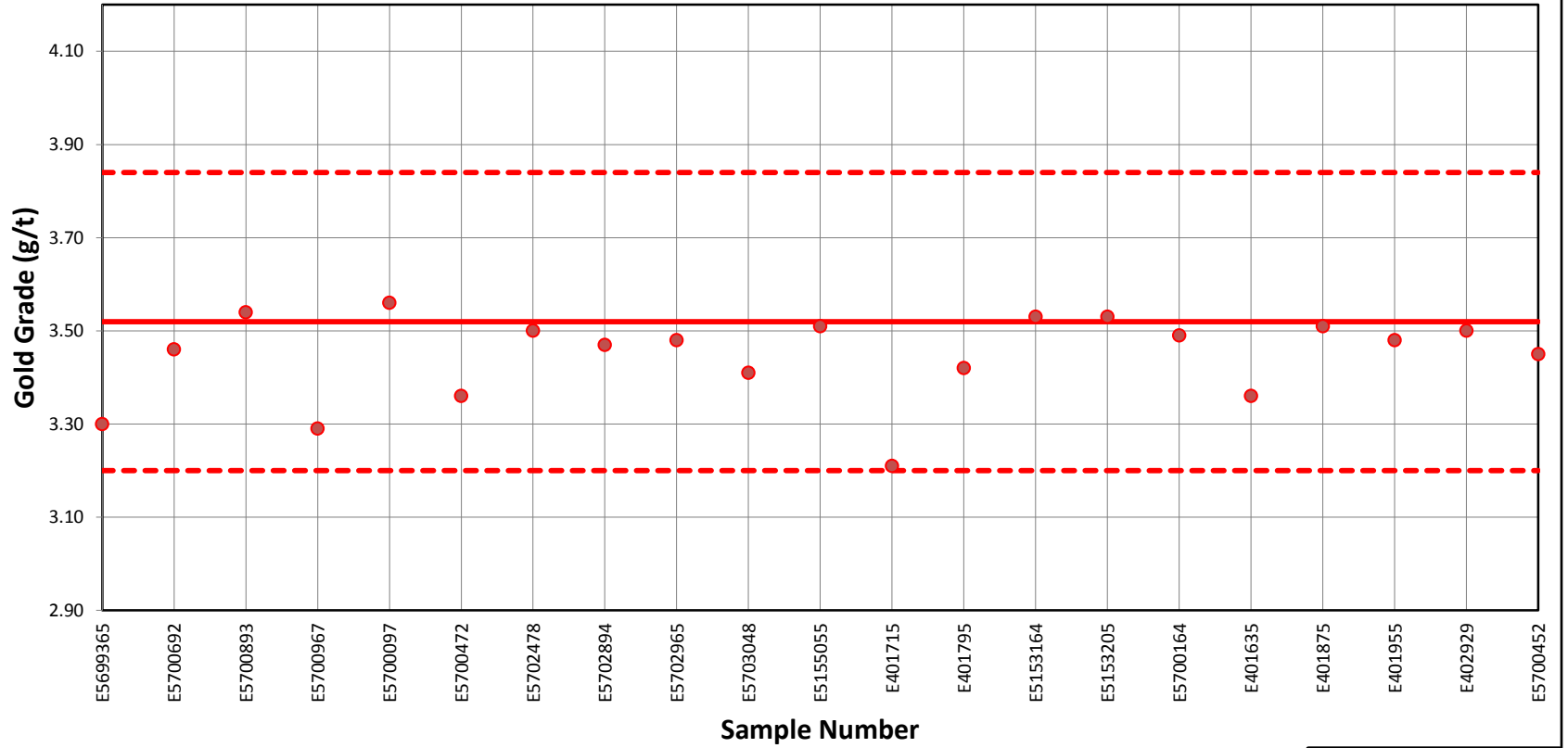


Sample Number



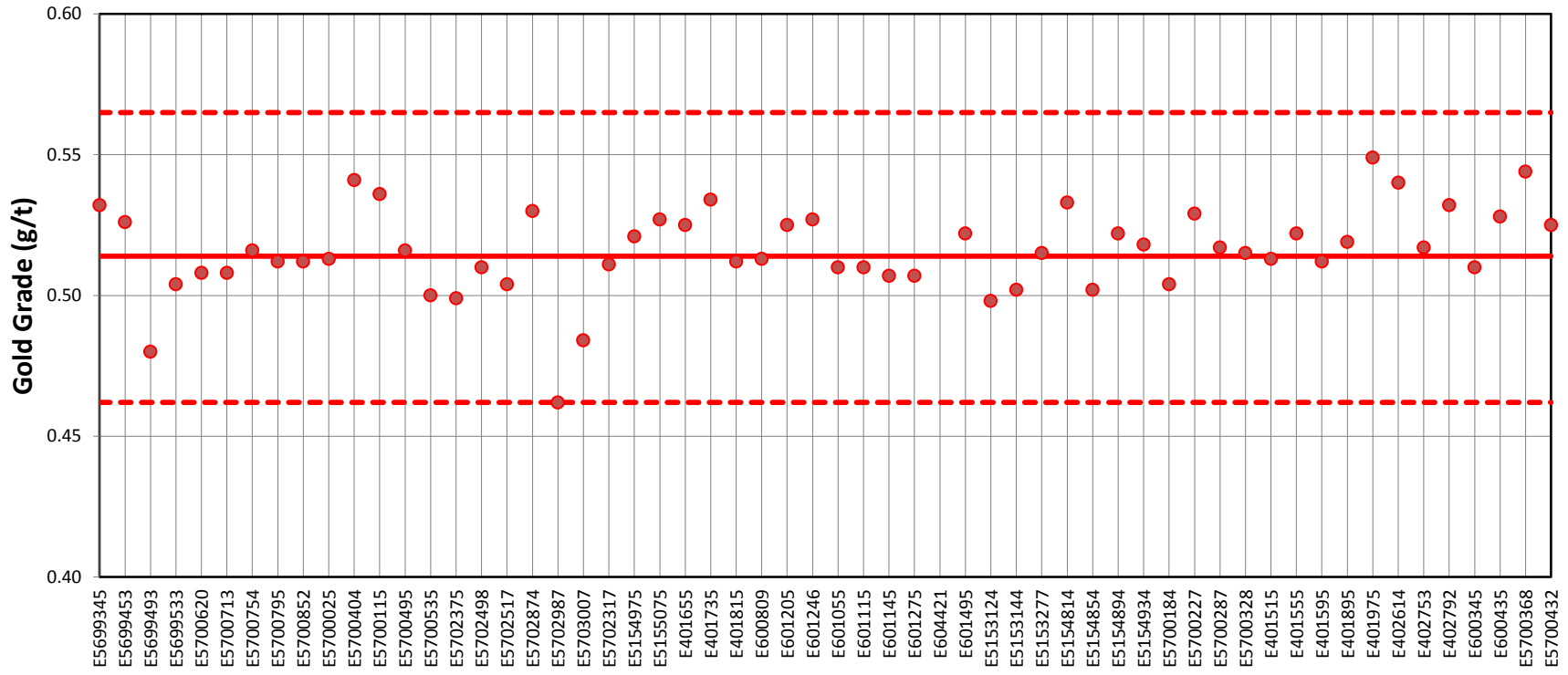


OREAS - 18c

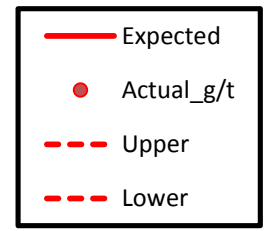




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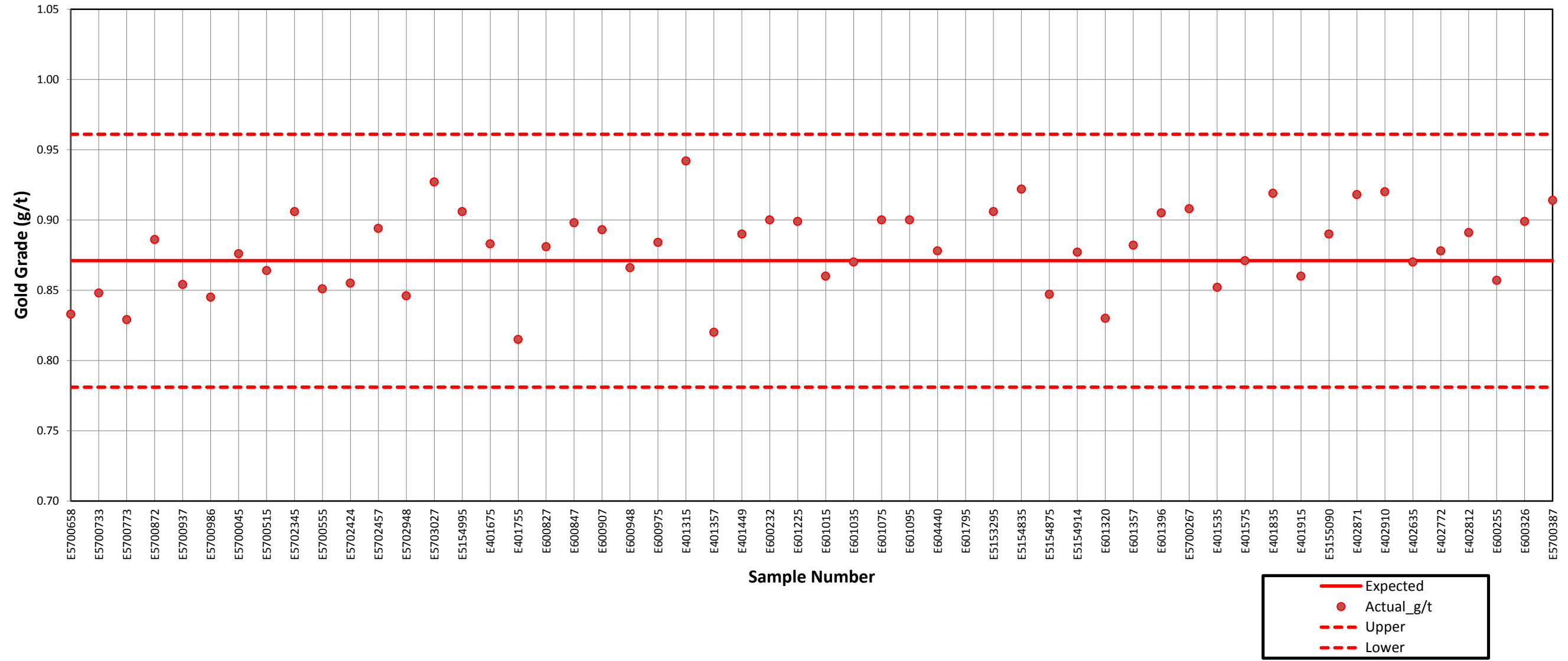


Sample Number



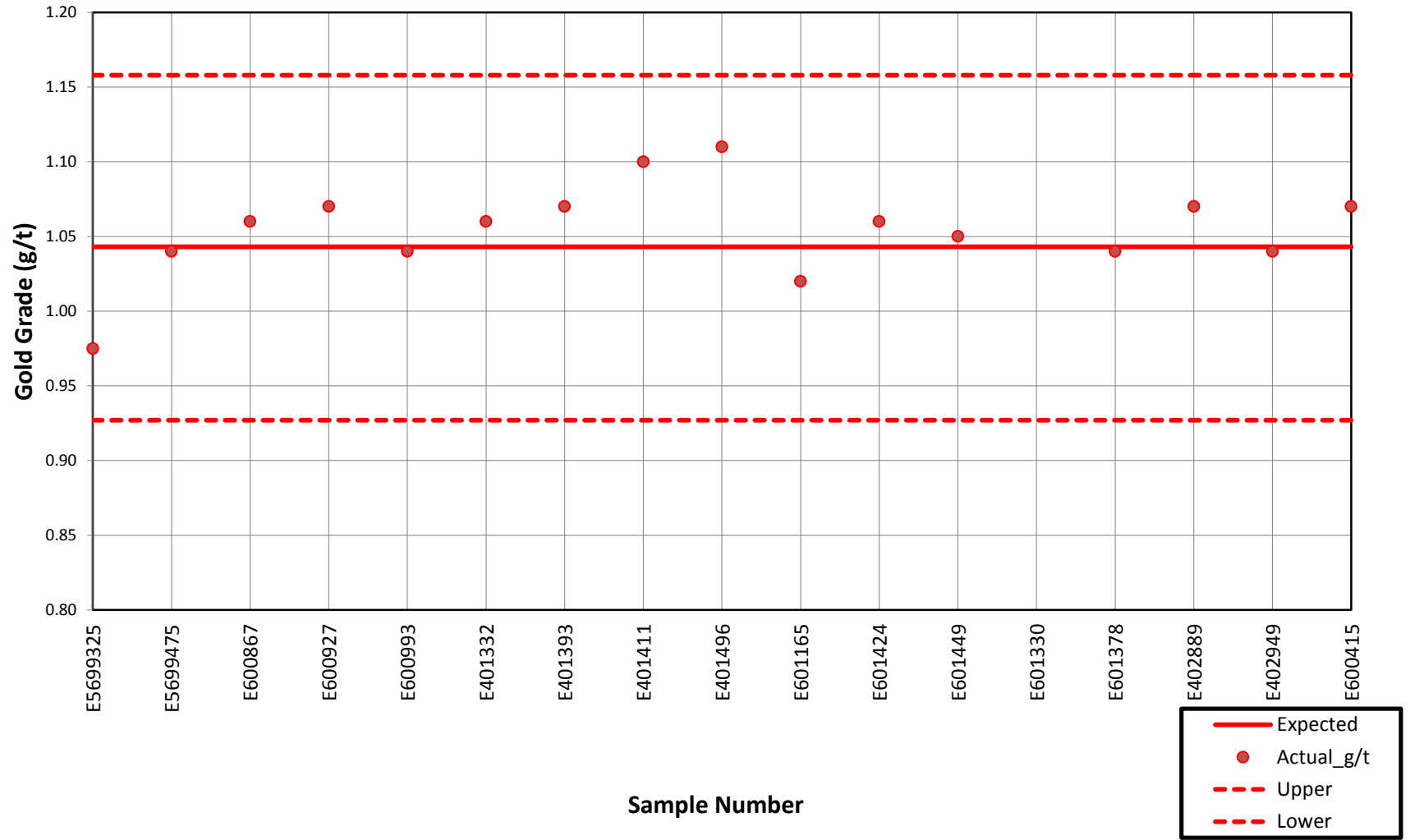


OREAS - 203



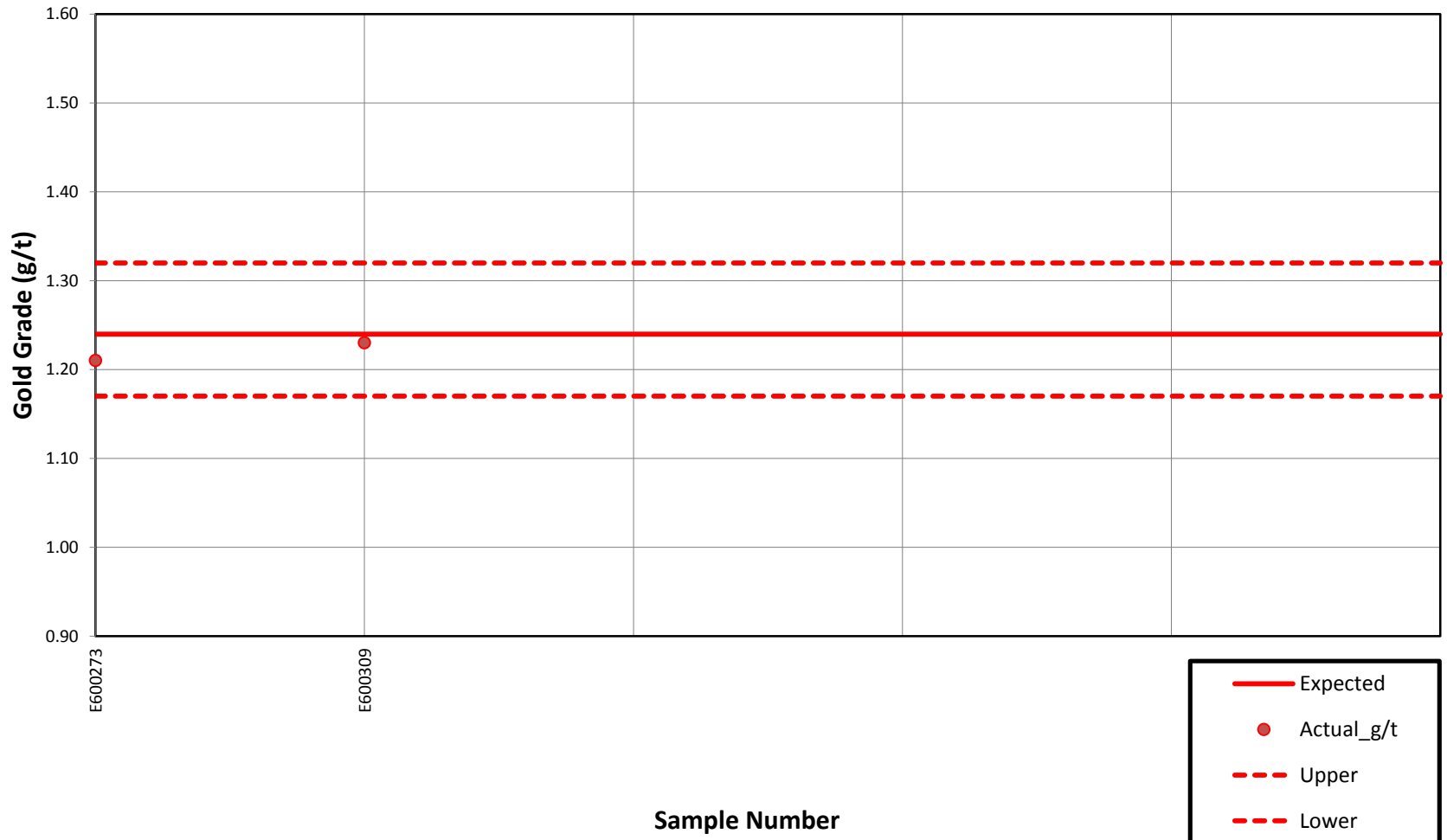


OREAS - 204





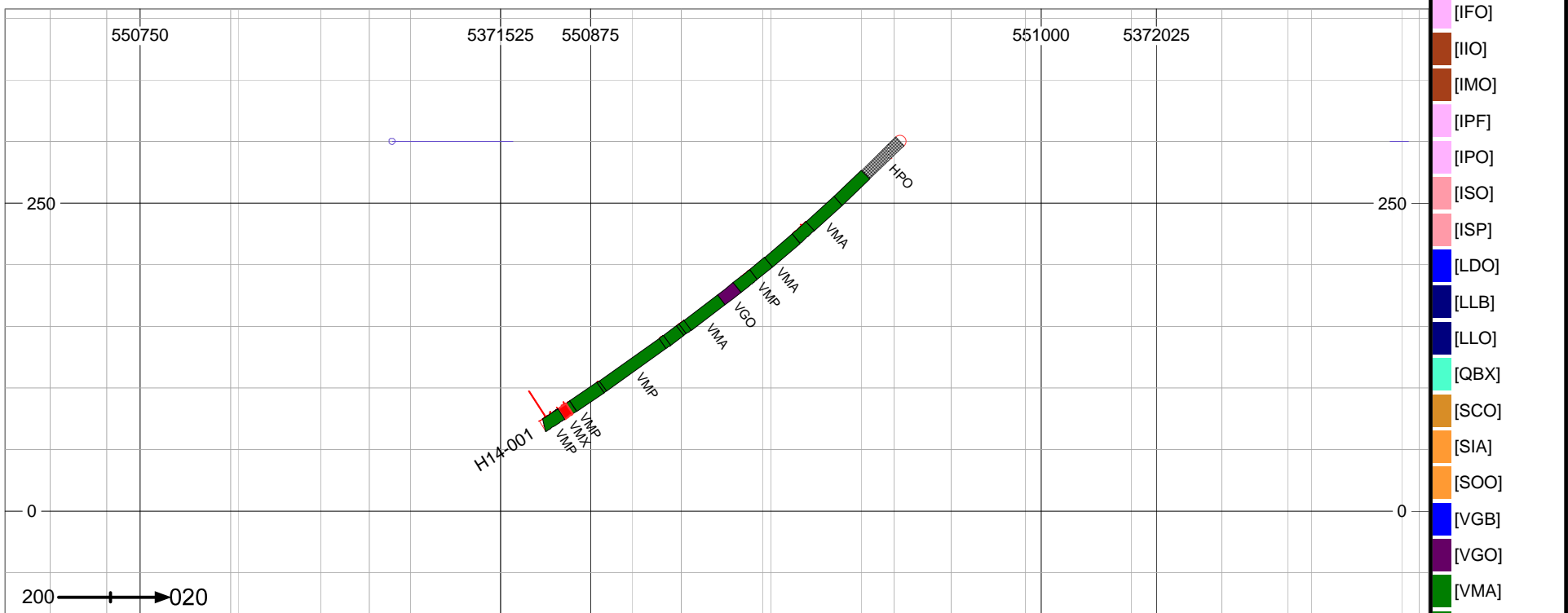
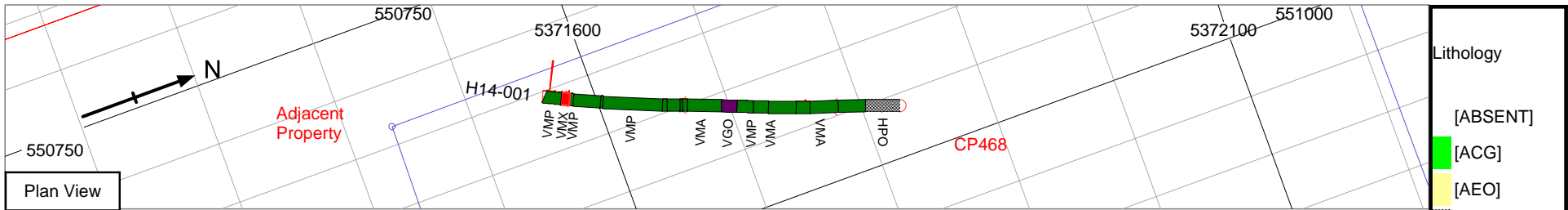
OREAS - 205





Appendix 5

Drill Hole Sections



- Lithology
- [ABSENT]
 - [ACG]
 - [AEO]
 - [HPO]
 - [IFO]
 - [IIO]
 - [IMO]
 - [IPF]
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 - [VUO]
 - [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

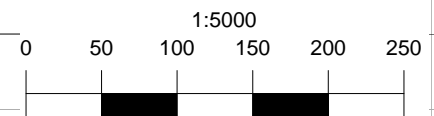
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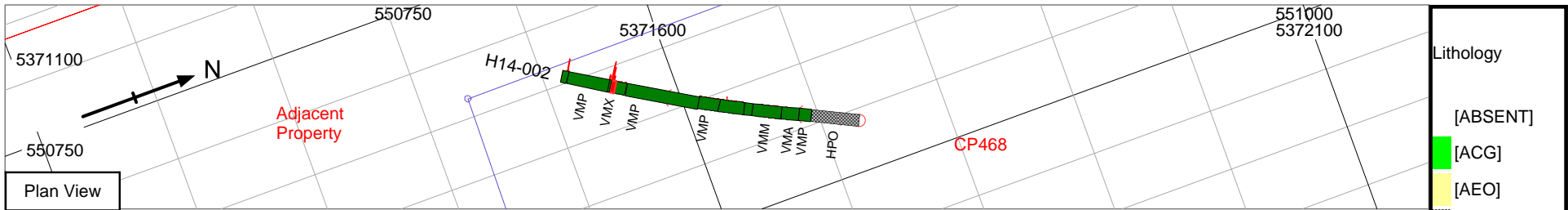
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-001 | 200 | -45 | 372 | CP468 |

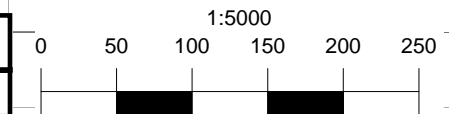


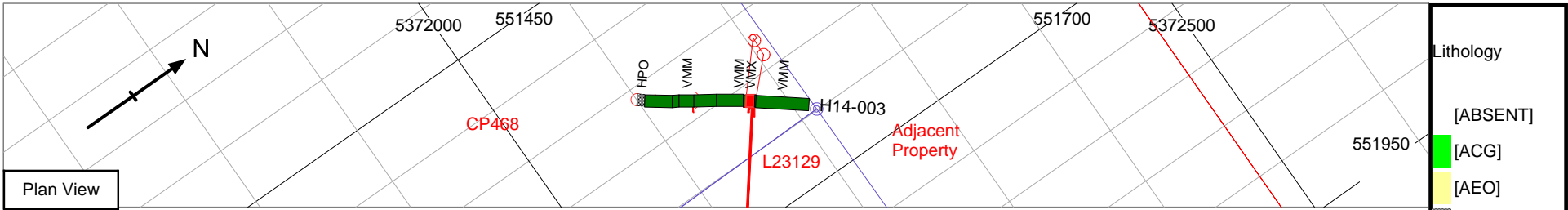


- Lithology
- [ABSENT]
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 - [VUO]
 - [VUX]

| | | |
|----------------------------|-------------------|------------|
| St. Andrew Goldfields Ltd. | | |
| Hislop Township | | |
| Cross Section: H14-002 | | |
| Au Scale: 1 mm = 1 g | Clipping: +/- 20m | UTM: NAD83 |

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-002 | 205 | -45 | 329 | CP468 |





- Lithology
- [ABSENT]
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 - [IIO]
 - [IMO]
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 - [IPO]
 - [ISO]
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 - [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

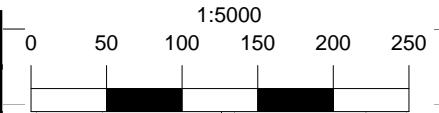
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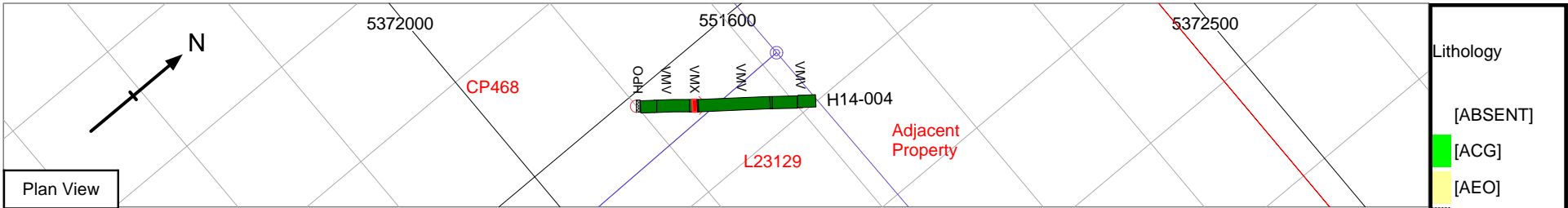
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-003 | 40 | -45 | 200 | CP468 |





- Lithology
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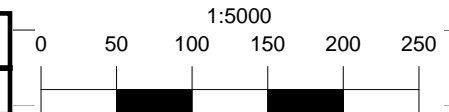
St. Andrew Goldfields Ltd.

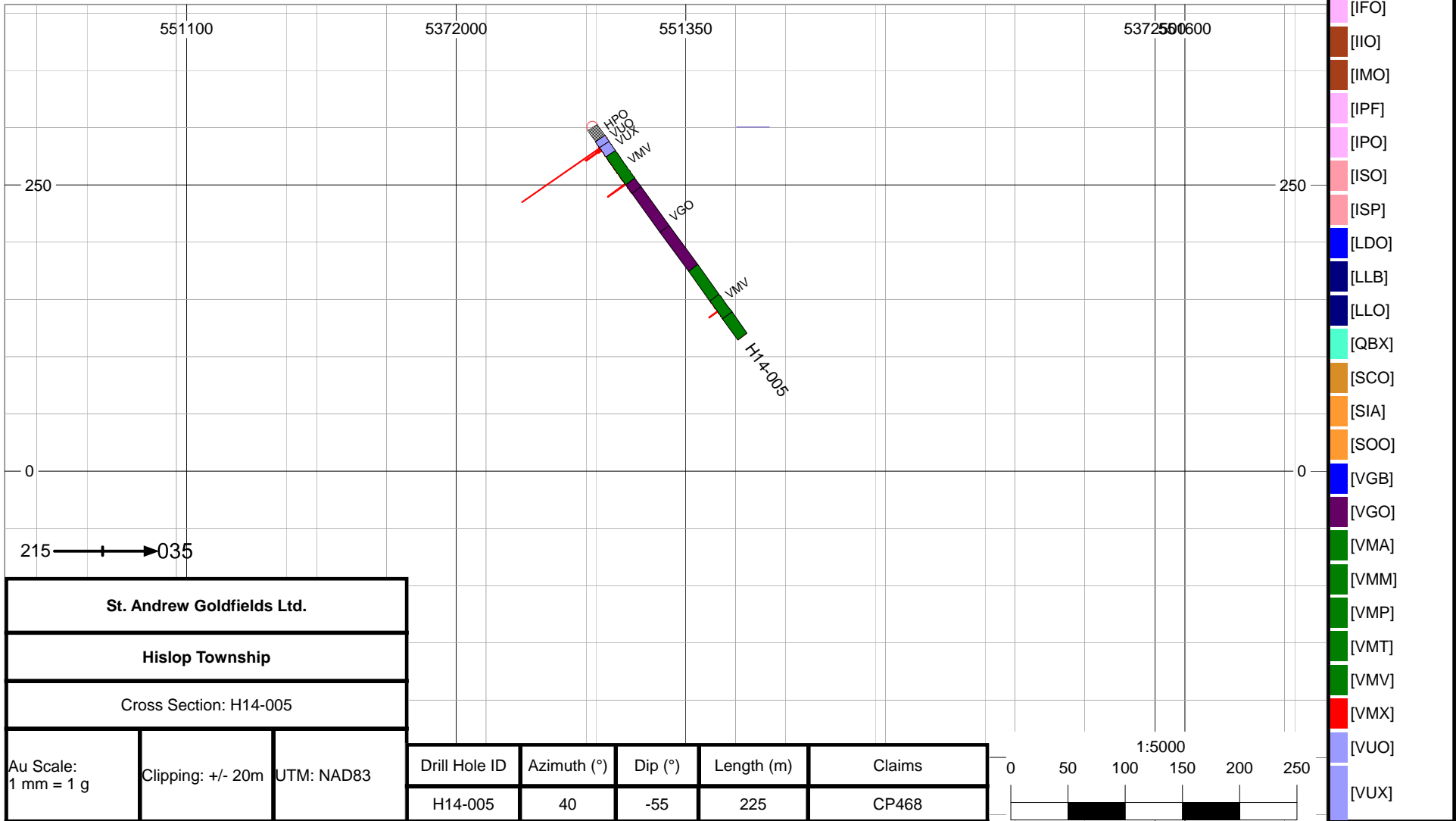
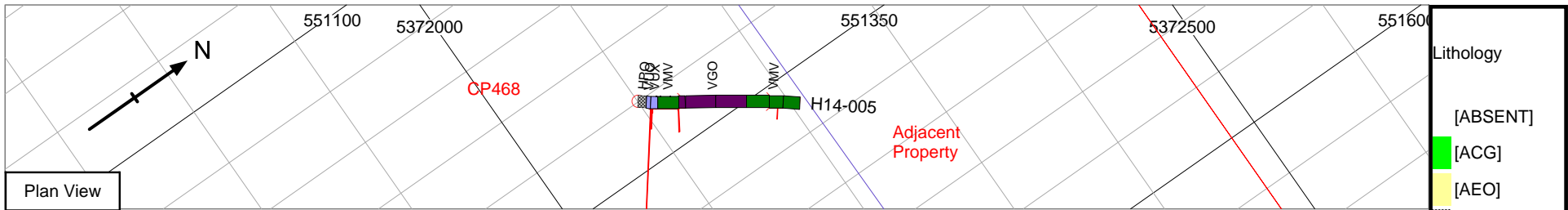
Hislop Township

Cross Section: H14-004

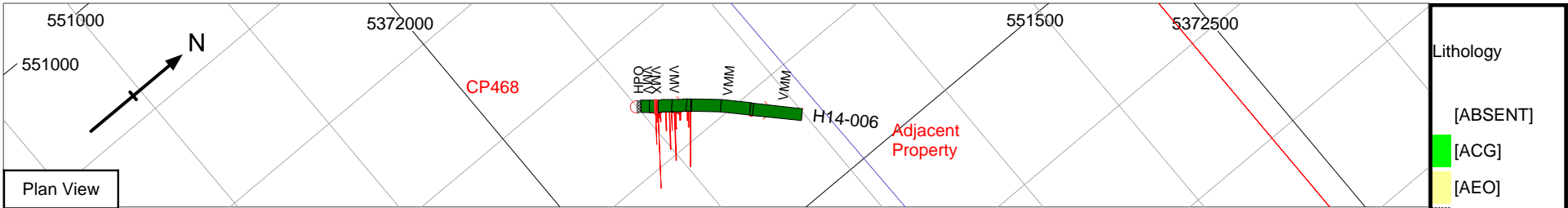
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|-------------------------|-------------------|------------|
| Au Scale: 1 mm = 1 g | Clipping: +/- 20m | UTM: NAD83 |
|-------------------------|-------------------|------------|

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|---------------|
| H14-004 | 40 | -45 | 200 | CP468, L23129 |





- Lithology
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- Lithology
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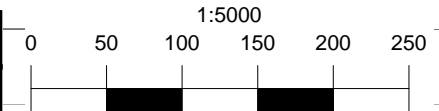
St. Andrew Goldfields Ltd.

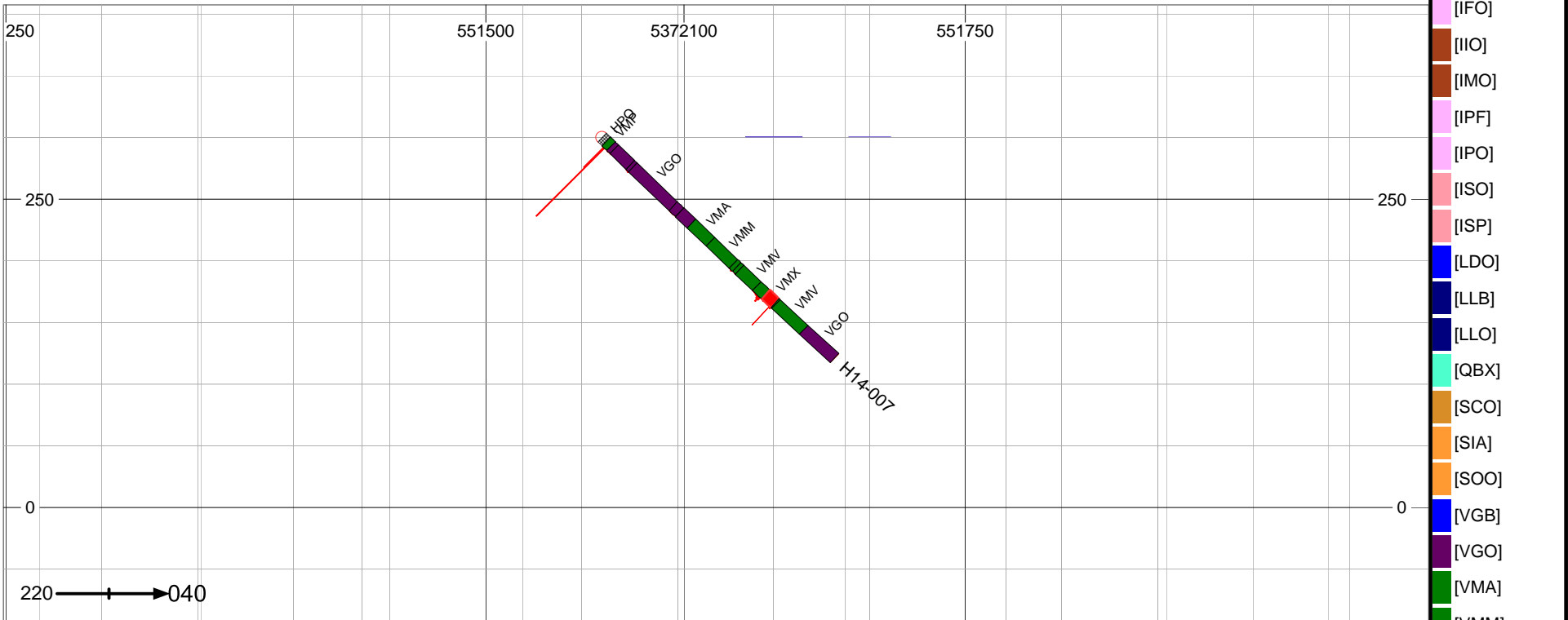
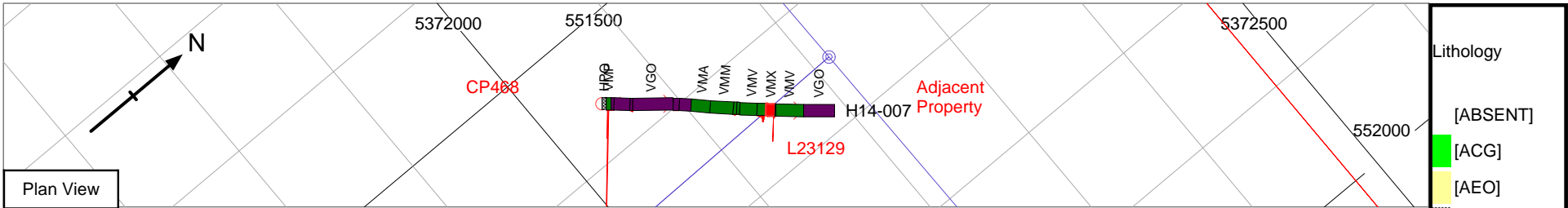
Hislop Township

Cross Section: H14-006

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

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-006 | 40 | -55 | 231 | CP468 |

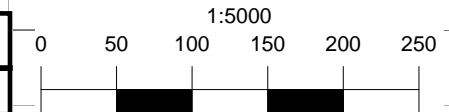


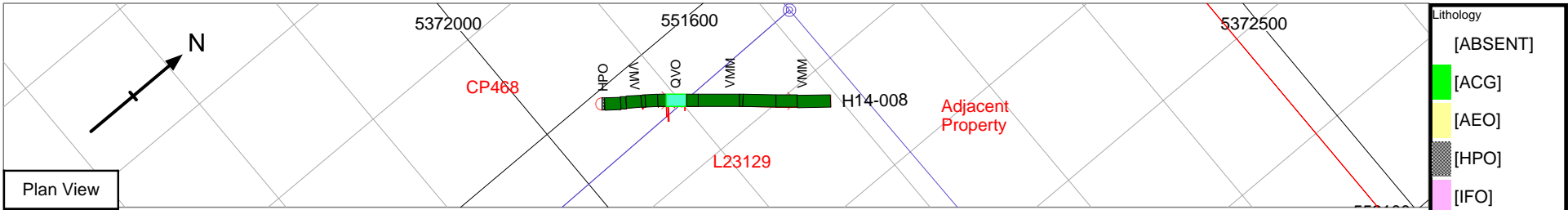


- Lithology
- [ABSENT]
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 - [VUX]

| | | |
|----------------------------|-------------------|------------|
| St. Andrew Goldfields Ltd. | | |
| Hislop Township | | |
| Cross Section: H14-007 | | |
| Au Scale: 1 mm = 1 g | Clipping: +/- 20m | UTM: NAD83 |

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|---------------|
| H14-007 | 40 | -45 | 260 | CP468, L23129 |





- Lithology
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St. Andrew Goldfields Ltd.

Hislop Township

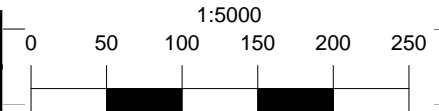
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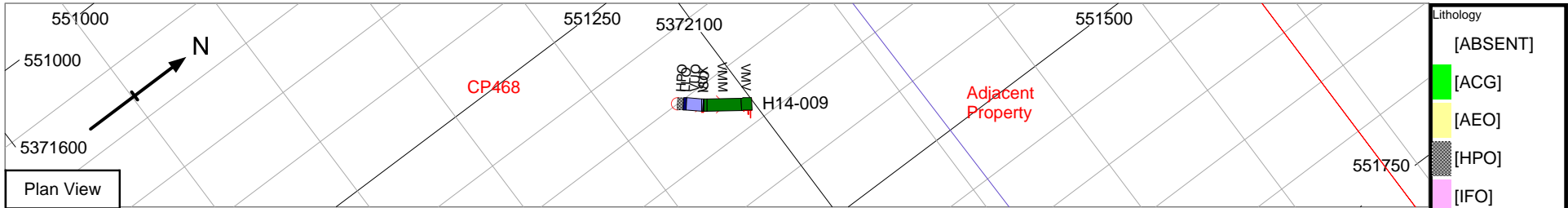
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|---------------|
| H14-008 | 40 | -45 | 260 | CP468, L23129 |





- Lithology
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 - [VMA]
 - [VMM]
 - [VMP]
 - [VMT]
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 - [VMX]
 - [VUO]
 - [VUX]
 - [ZFZ]

St. Andrew Goldfields Ltd.

Hislop Township

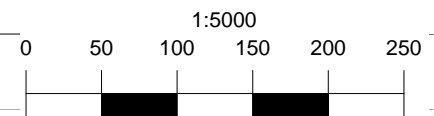
Cross Section: H14-009

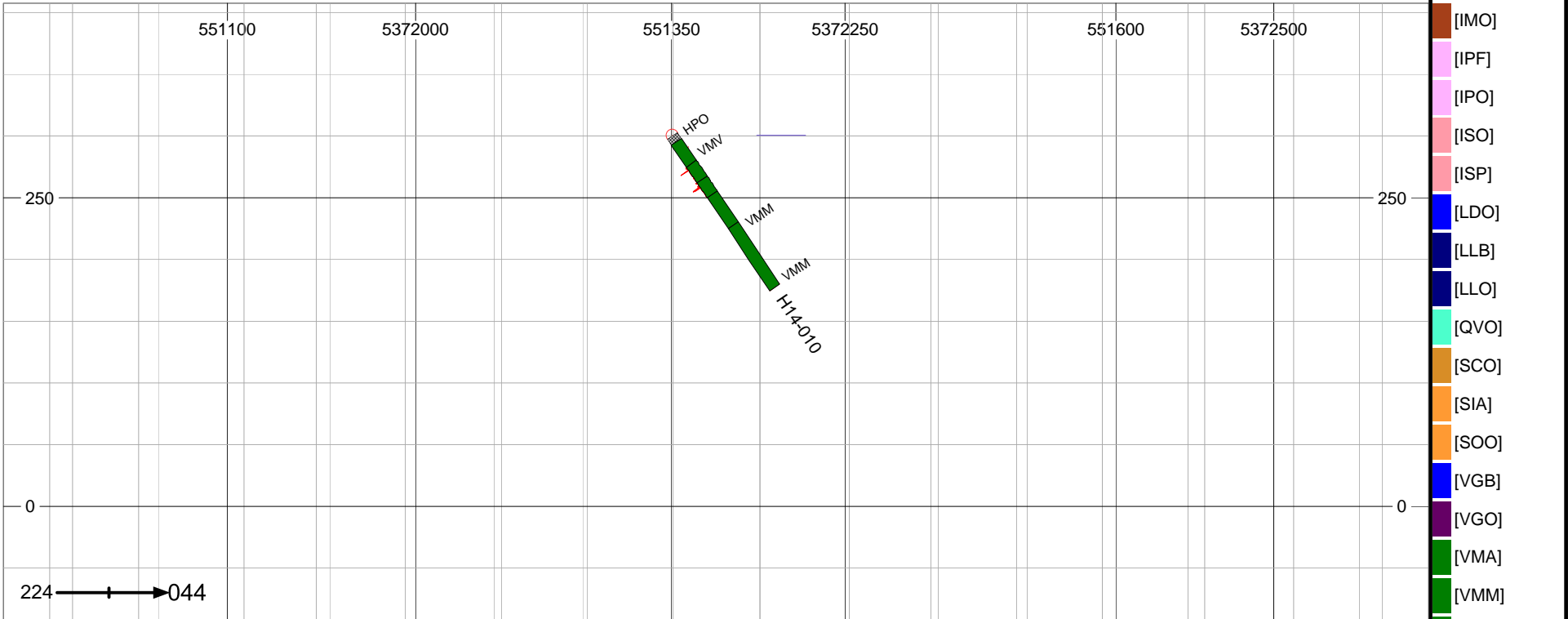
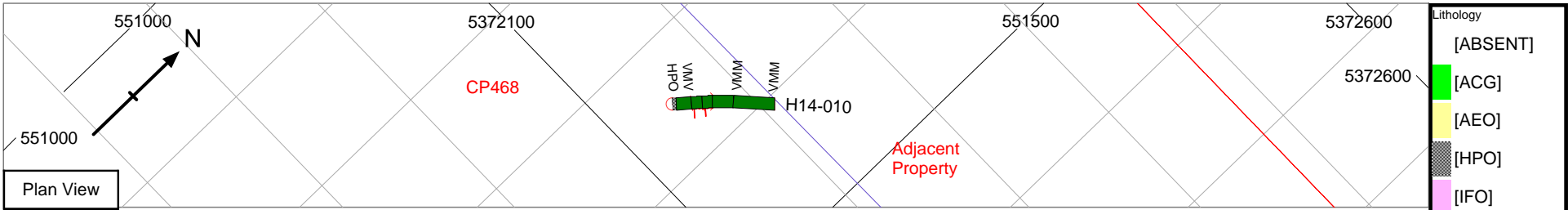
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-009 | 40 | -55 | 104 | CP468 |





- Lithology
- [ABSENT]
 - [ACG]
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 - [VMM]
 - [VMP]
 - [VMT]
 - [VMV]
 - [VMX]
 - [VUO]
 - [VUX]
 - [ZFZ]

St. Andrew Goldfields Ltd.

Hislop Township

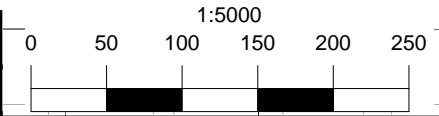
Cross Section: H14-010

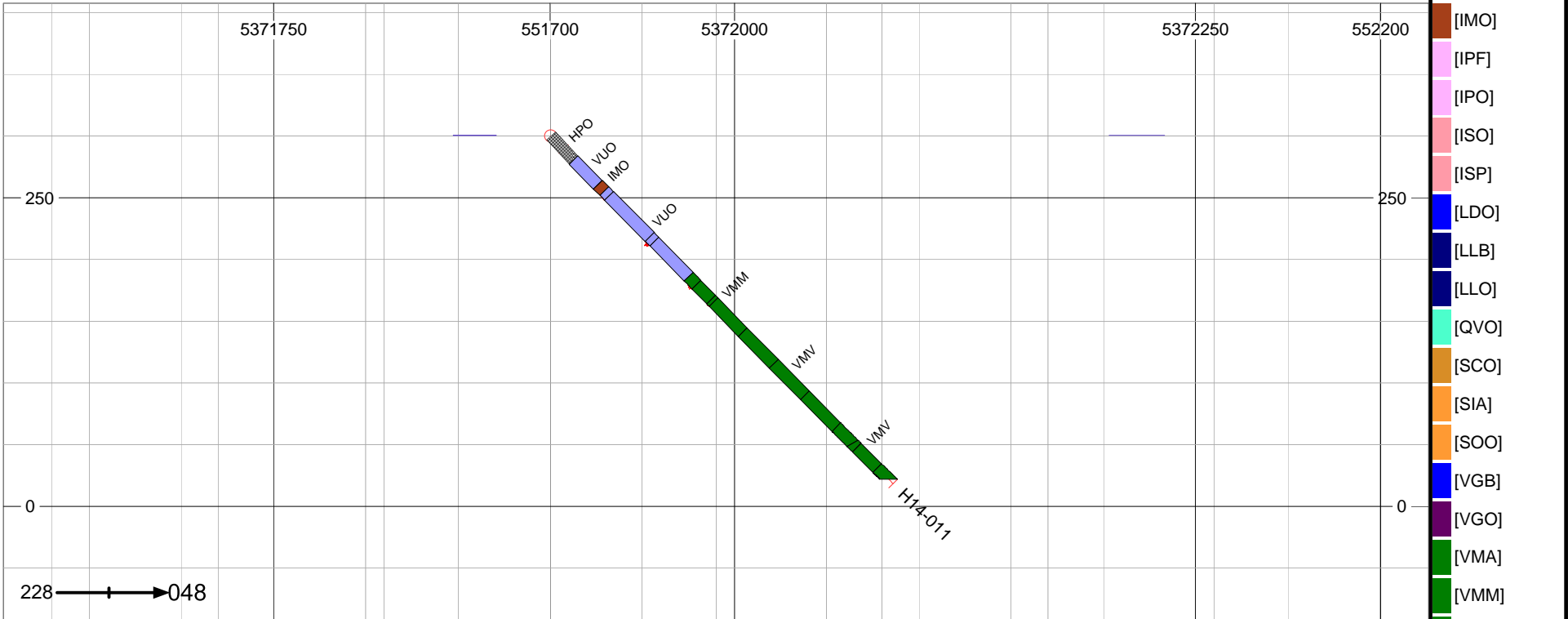
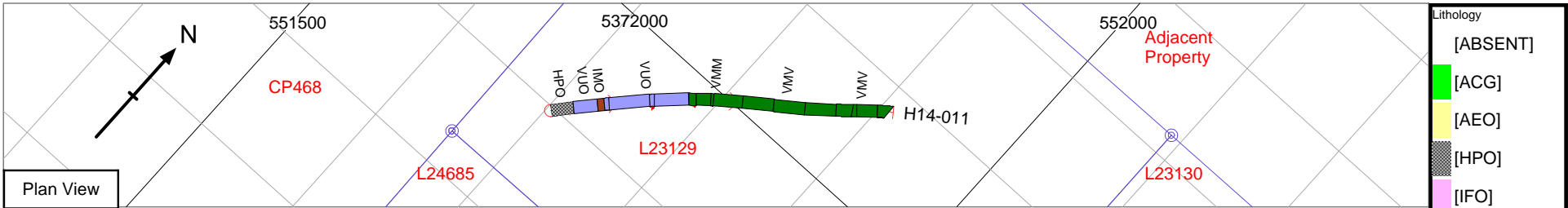
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-010 | 40 | -55 | 147 | CP468 |





- Lithology
- [ABSENT]
 - [ACG]
 - [AEO]
 - [HPO]
 - [IFO]
 - [IIO]
 - [IMO]
 - [IPF]
 - [IPO]
 - [ISO]
 - [ISP]
 - [LDO]
 - [LLB]
 - [LLO]
 - [QVO]
 - [SCO]
 - [SIA]
 - [SOO]
 - [VGB]
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 - [VMM]
 - [VMP]
 - [VMT]
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 - [VMX]
 - [VUO]
 - [VUX]
 - [ZFZ]

St. Andrew Goldfields Ltd.

Hislop Township

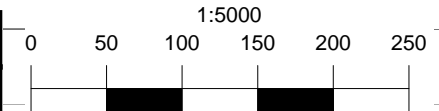
Cross Section: H14-011

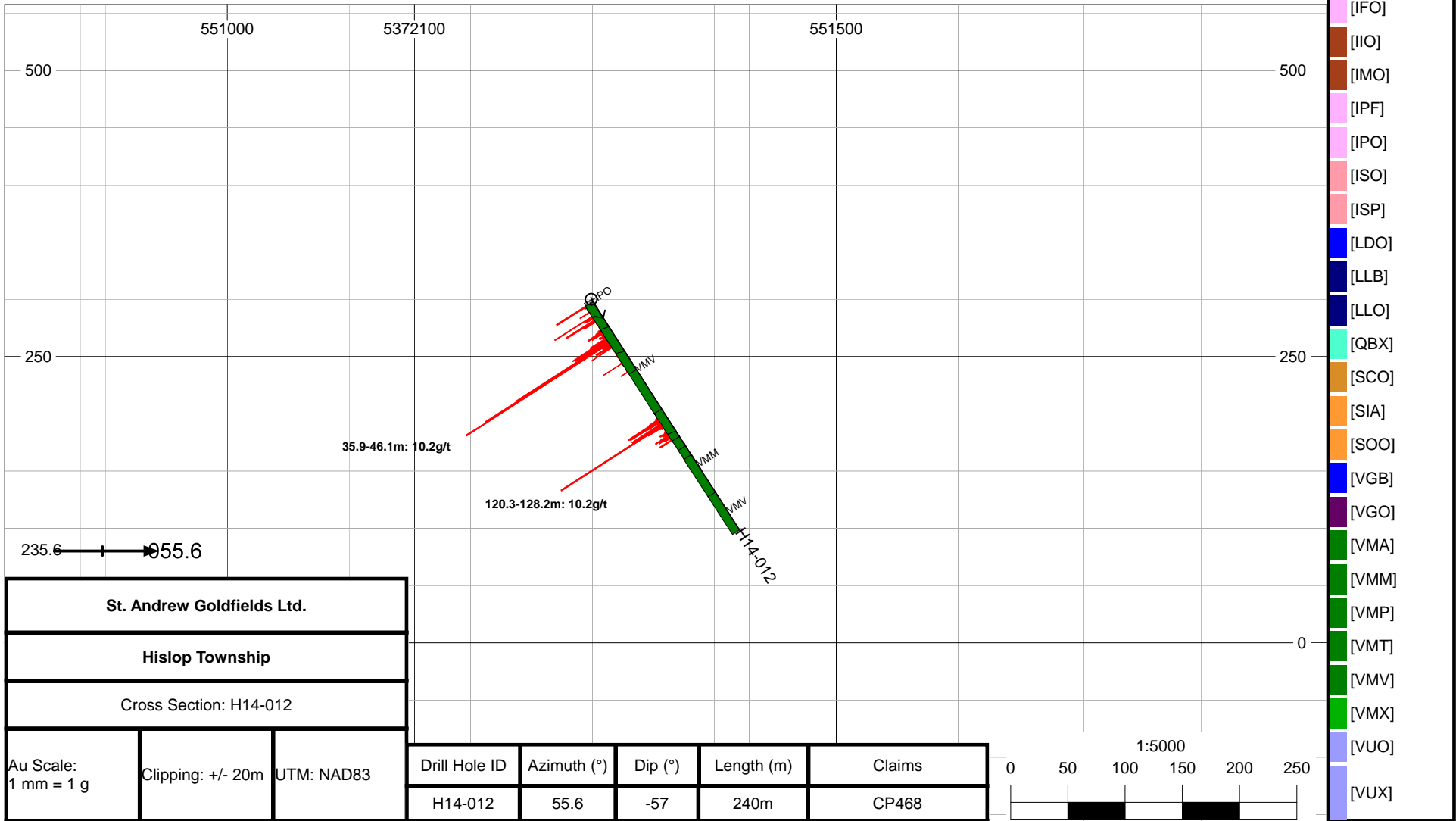
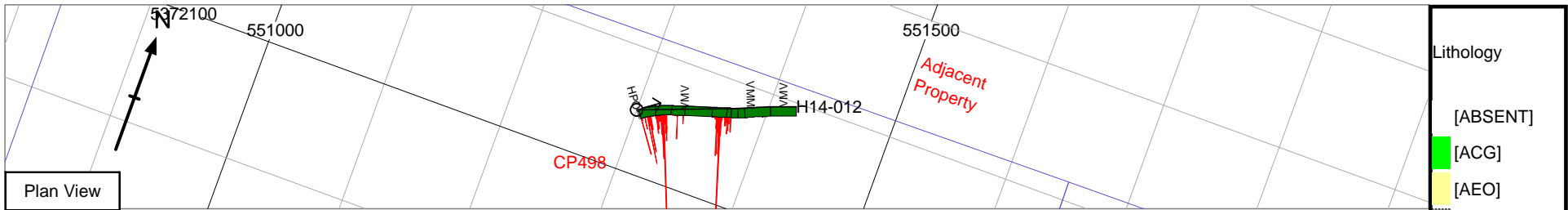
Au Scale: 1 mm = 1 g

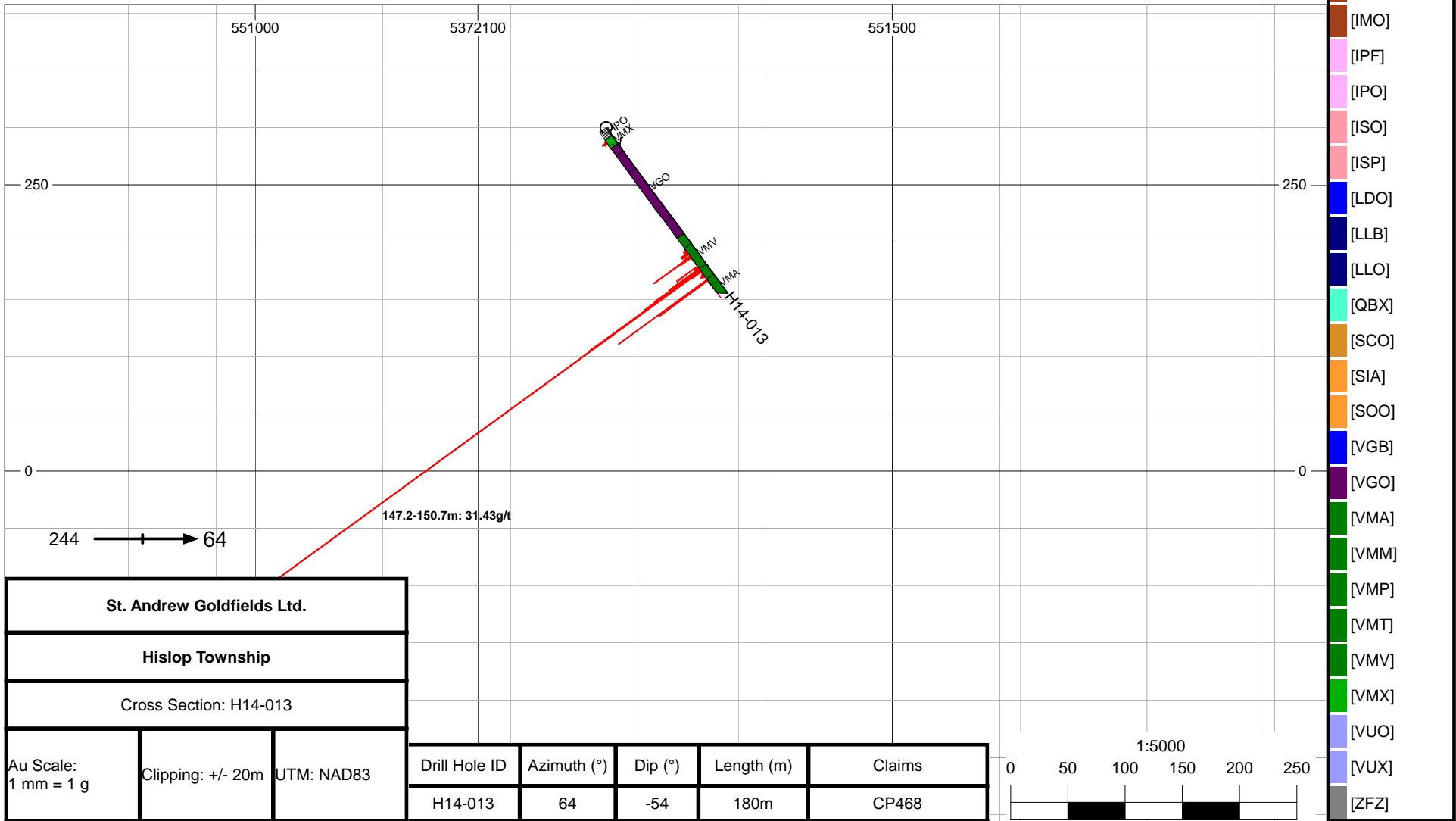
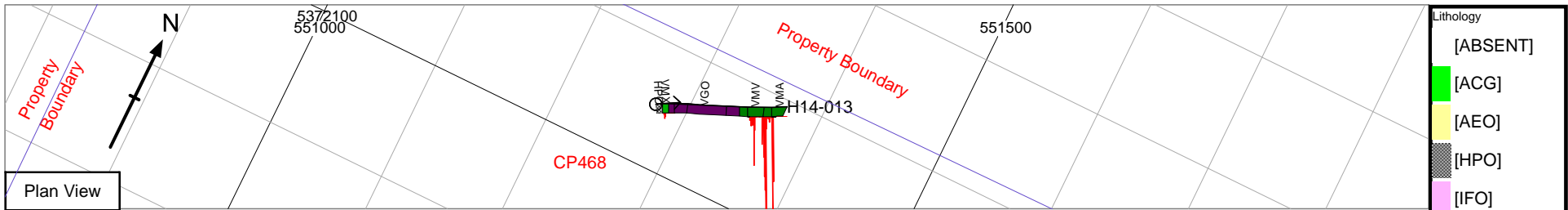
Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-011 | 40 | -47 | 396 | L23129 |







St. Andrew Goldfields Ltd.

Hislop Township

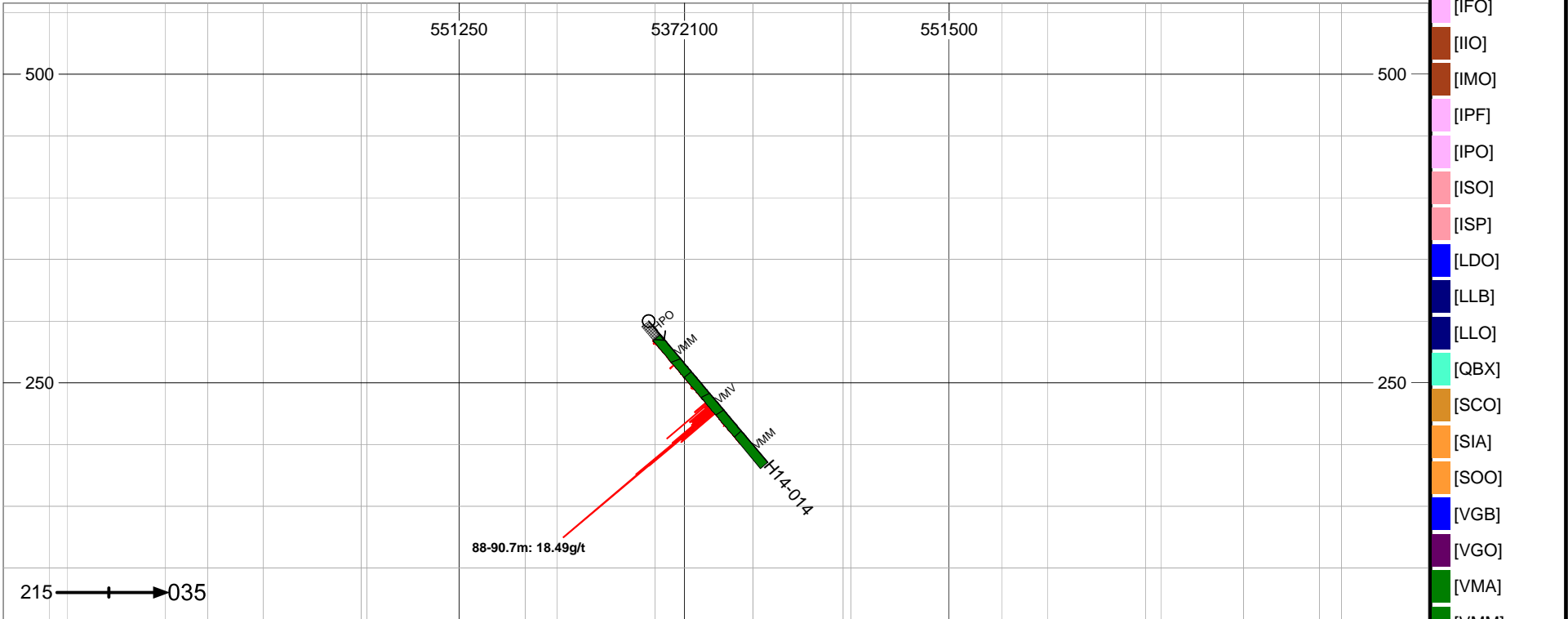
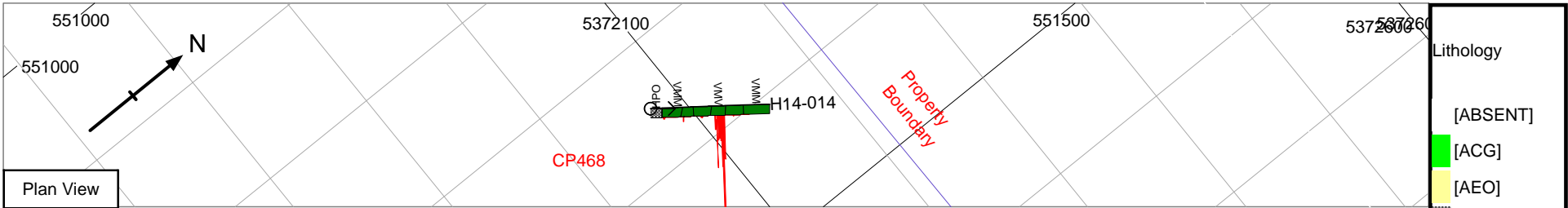
Cross Section: H14-013

Au Scale:
1 mm = 1 g

Clipping: +/- 20m

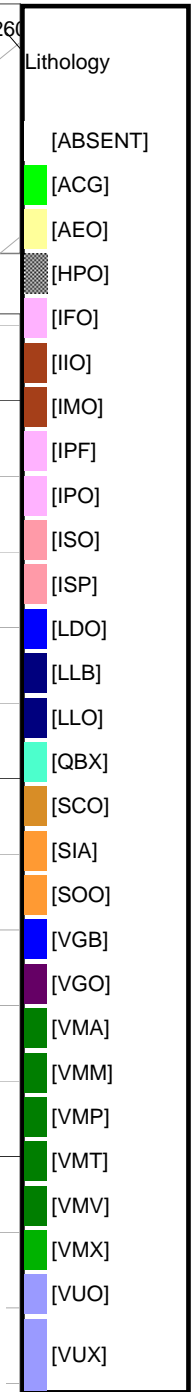
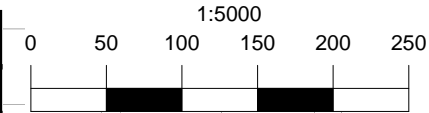
UTM: NAD83

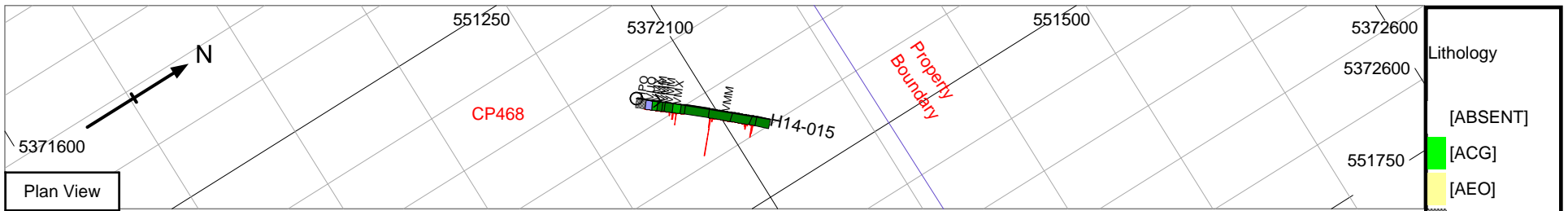
| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-013 | 64 | -54 | 180m | CP468 |



| | | |
|----------------------------|-------------------|------------|
| St. Andrew Goldfields Ltd. | | |
| Hislop Township | | |
| Cross Section: H14-014 | | |
| Au Scale: 1 mm = 1 g | Clipping: +/- 20m | UTM: NAD83 |

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-014 | 35 | -50 | 150m | CP468 |





- Lithology
- [ABSENT]
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 - [IPF]
 - [IPO]
 - [ISO]
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 - [LDO]
 - [LLB]
 - [LLO]
 - [QBX]
 - [SCO]
 - [SIA]
 - [SOO]
 - [VGB]
 - [VGO]
 - [VMA]
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 - [VMP]
 - [VMT]
 - [VMV]
 - [VMX]
 - [VUO]
 - [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

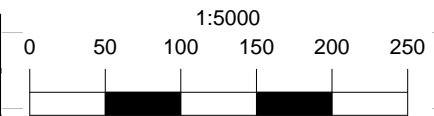
Cross Section: H14-015

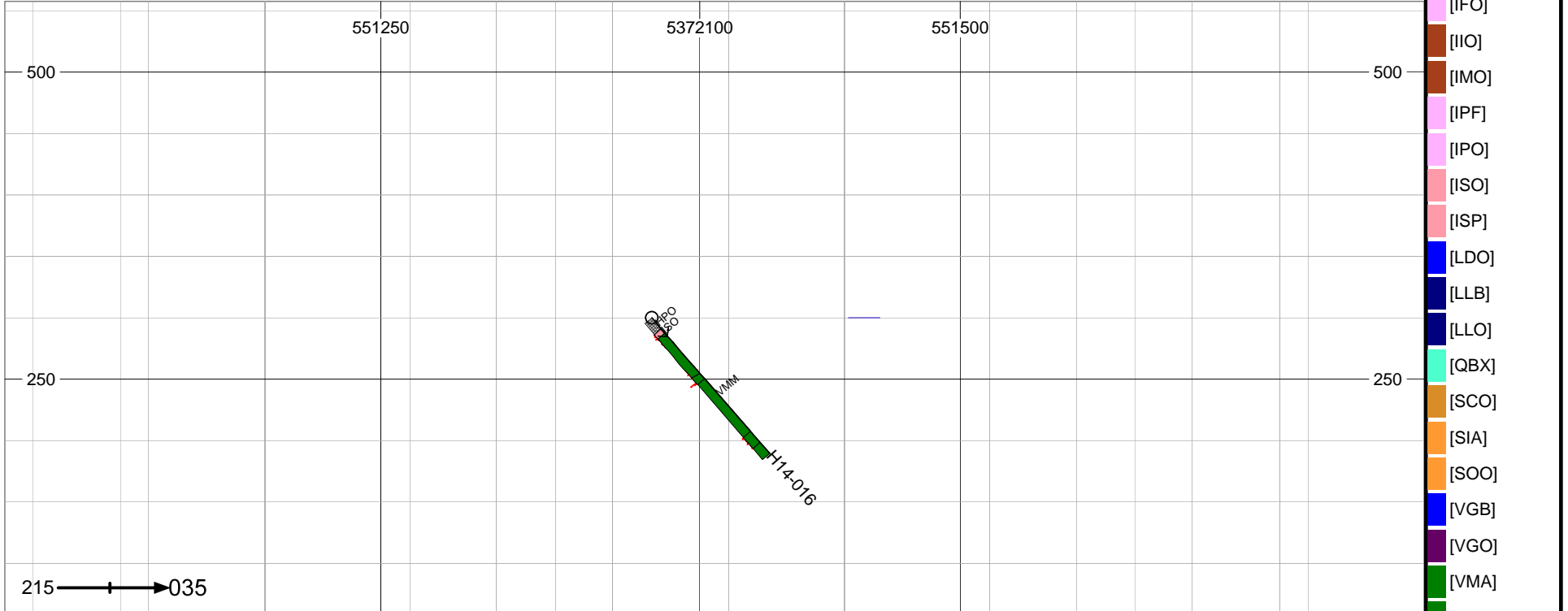
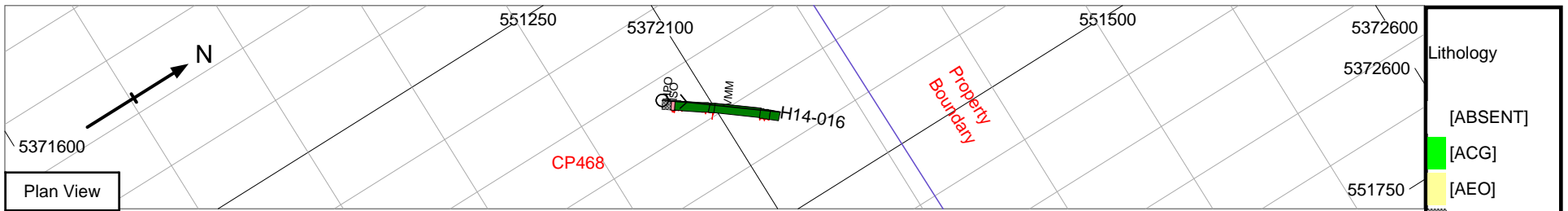
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-015 | 40 | -50 | 171m | CP468 |





- Lithology
- [ABSENT]
 - [ACG]
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 - [IPO]
 - [ISO]
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 - [LLO]
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 - [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

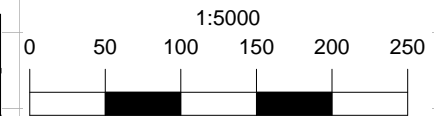
Cross Section: H14-016

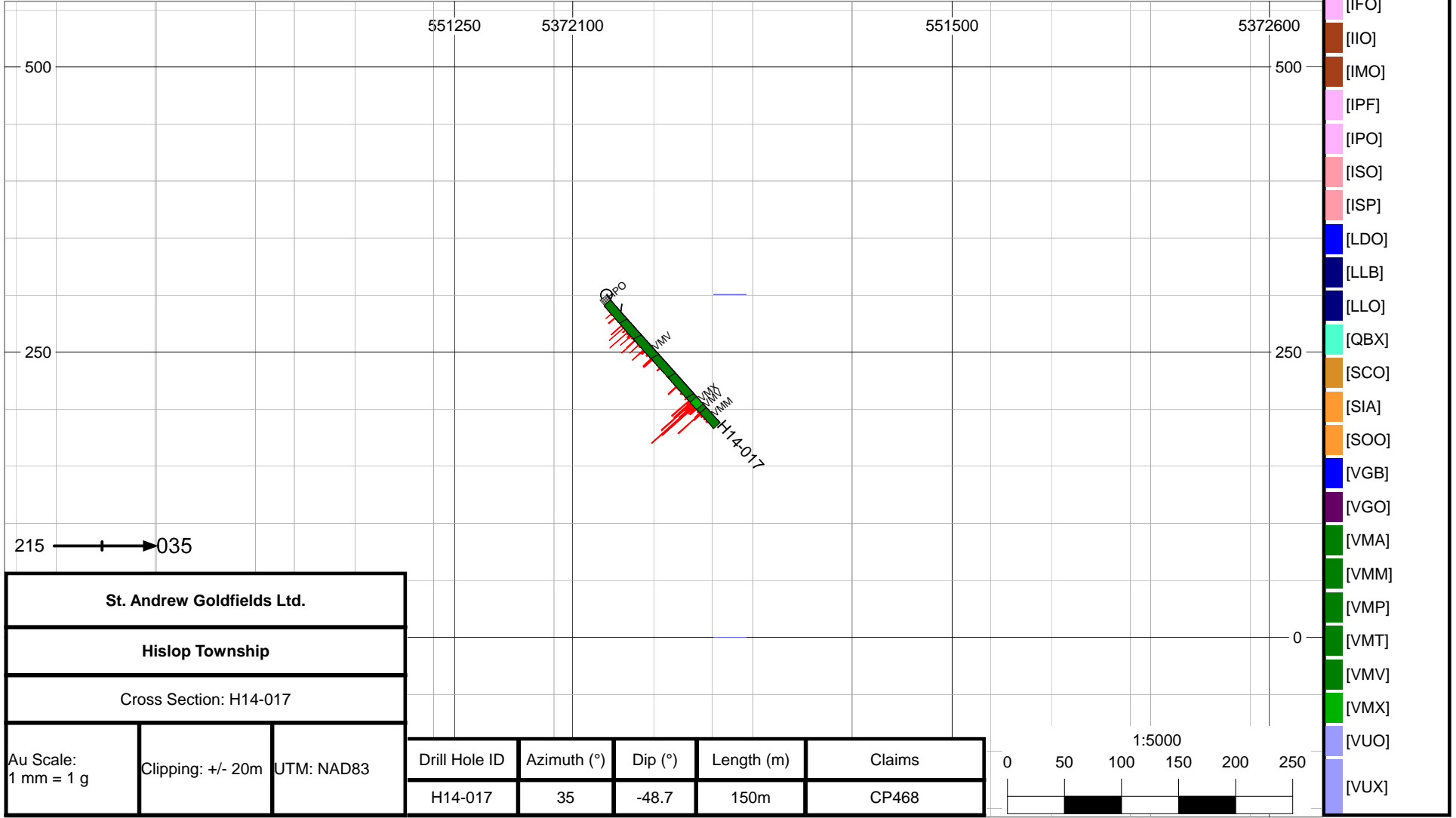
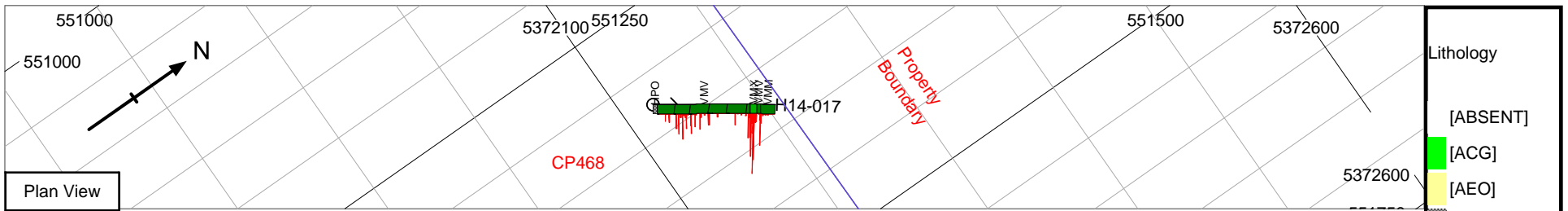
Au Scale: 1 mm = 1 g

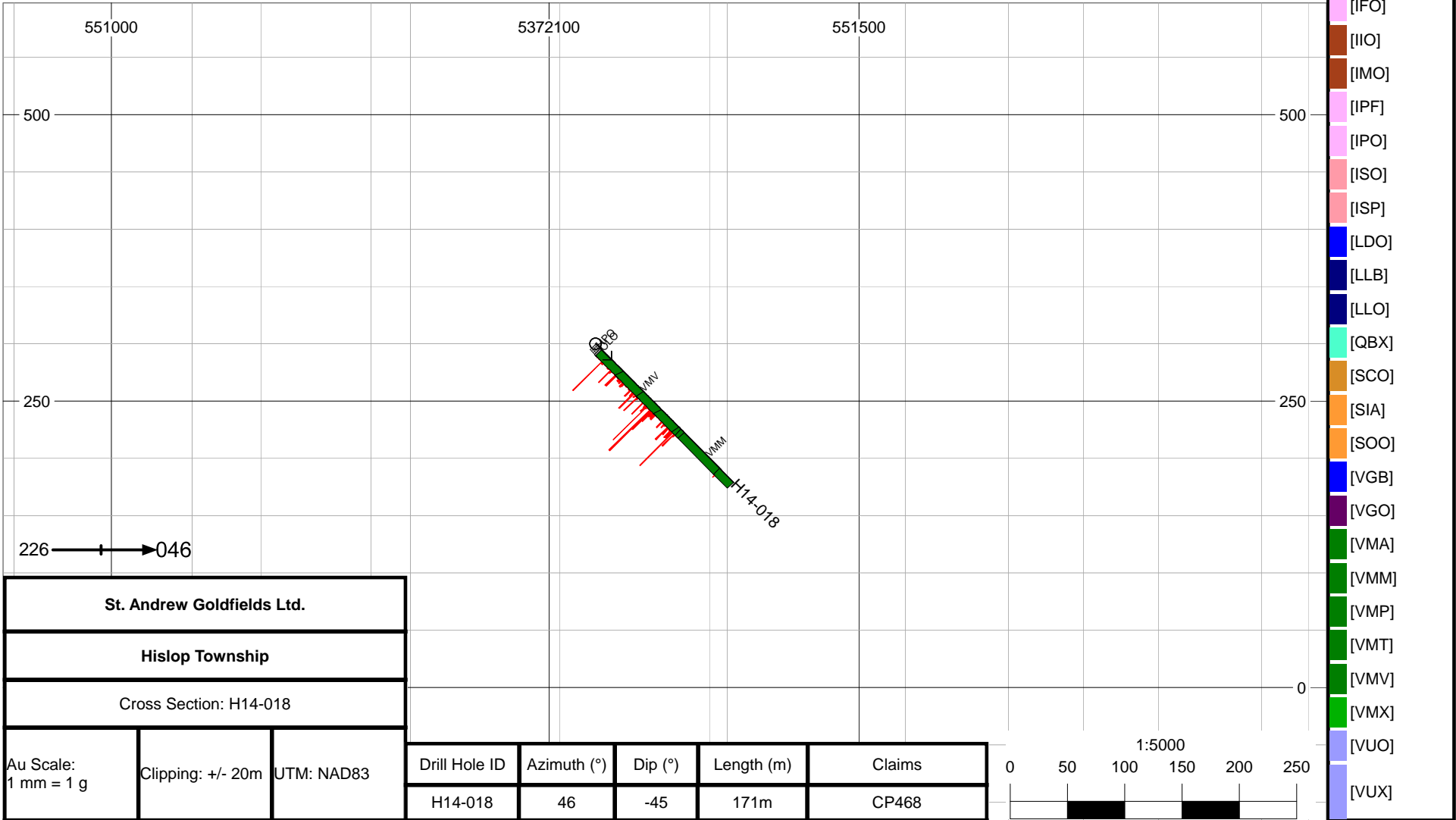
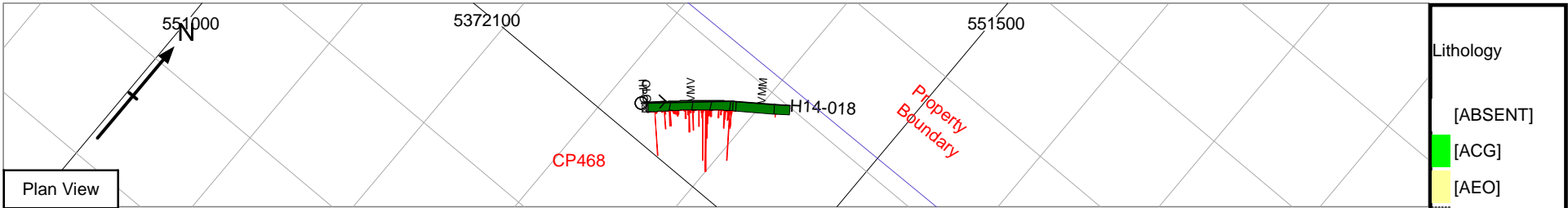
Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-016 | 35 | -50 | 147m | CP468 |

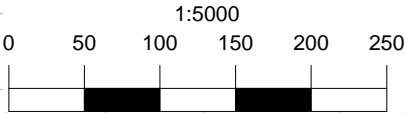


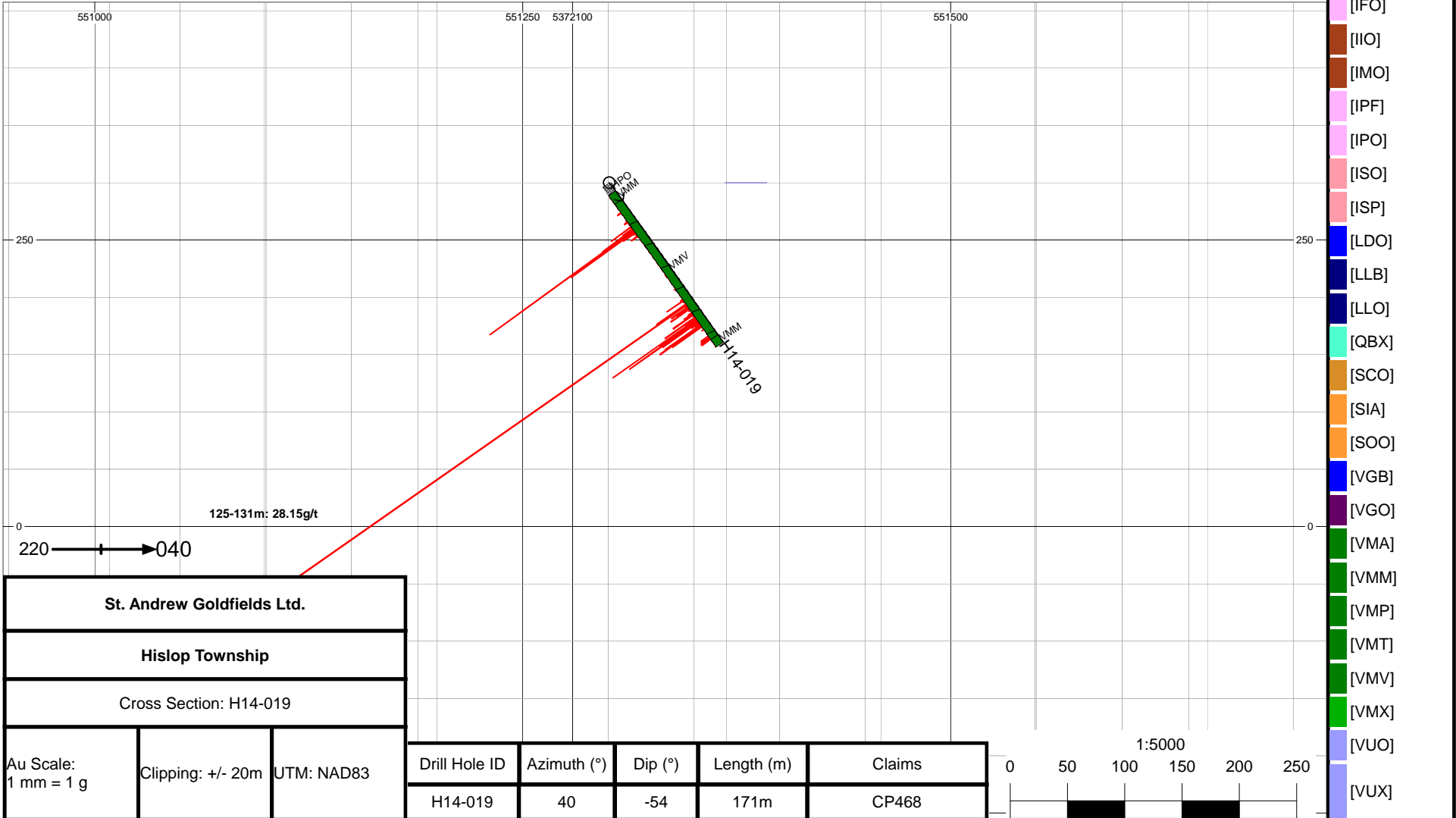
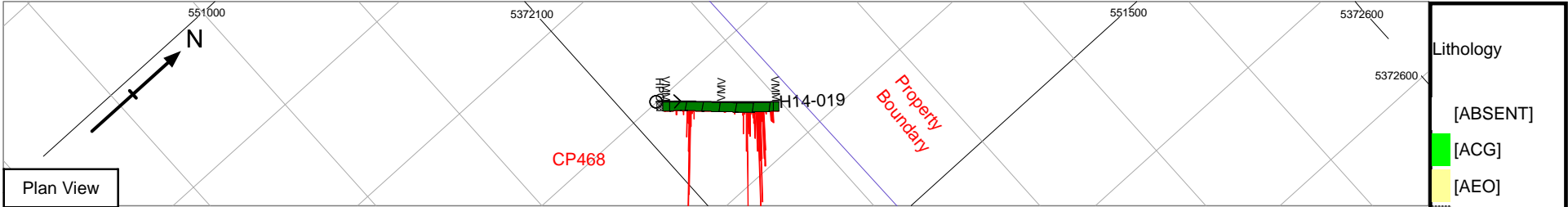




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|----------------------------|-------------------|------------|
| St. Andrew Goldfields Ltd. | | |
| Hislop Township | | |
| Cross Section: H14-018 | | |
| Au Scale: 1 mm = 1 g | Clipping: +/- 20m | UTM: NAD83 |

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-018 | 46 | -45 | 171m | CP468 |





- Lithology
- [ABSENT]
 - [ACG]
 - [AEO]
 - [HPO]
 - [IFO]
 - [IIO]
 - [IMO]
 - [IPF]
 - [IPO]
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 - [VUO]
 - [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

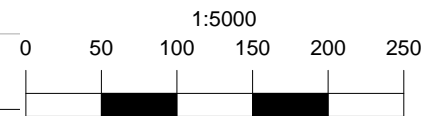
Cross Section: H14-019

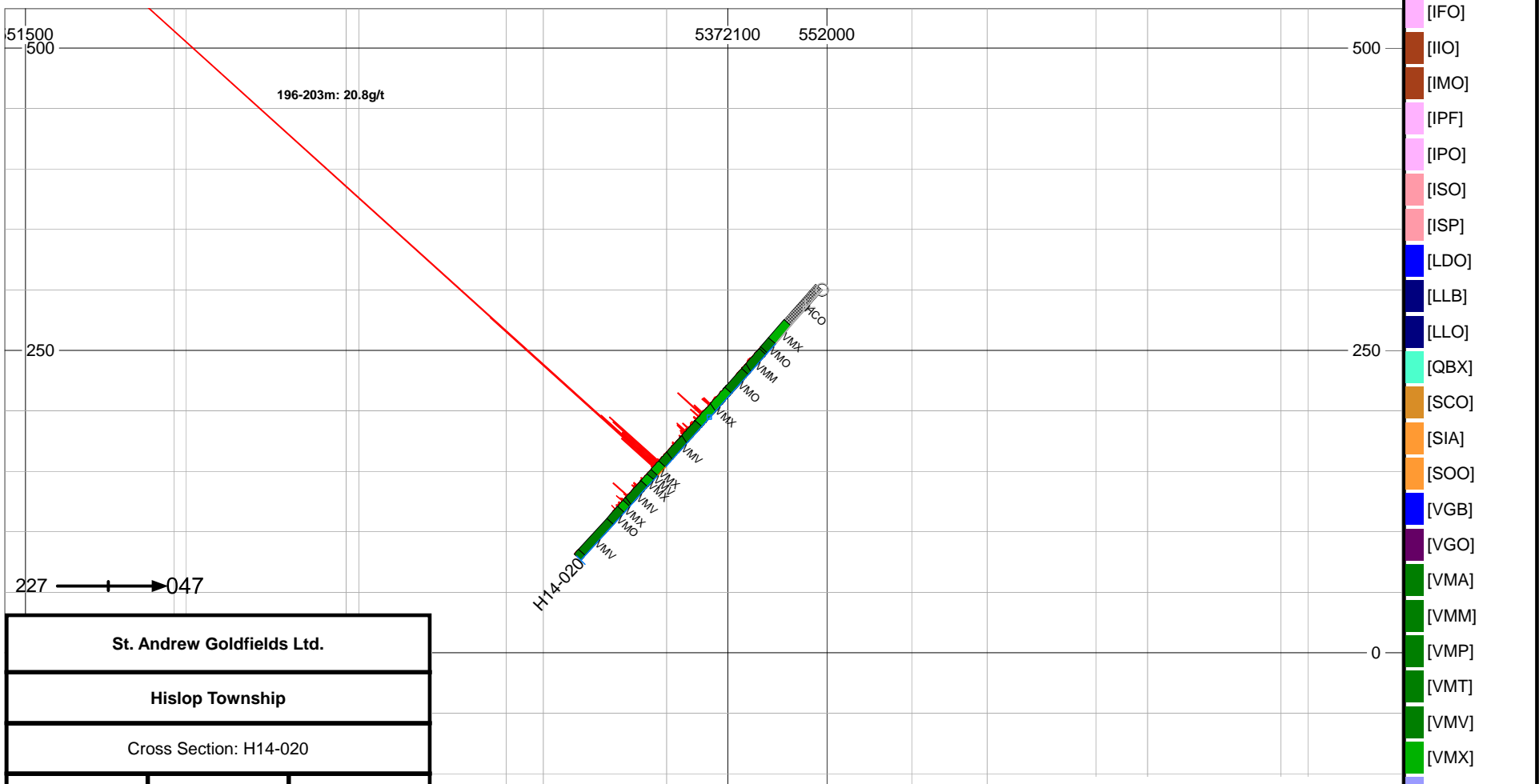
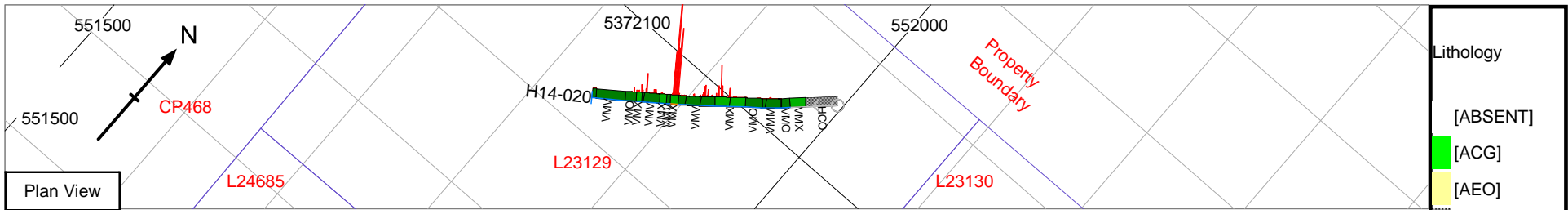
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-019 | 40 | -54 | 171m | CP468 |

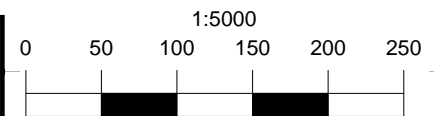


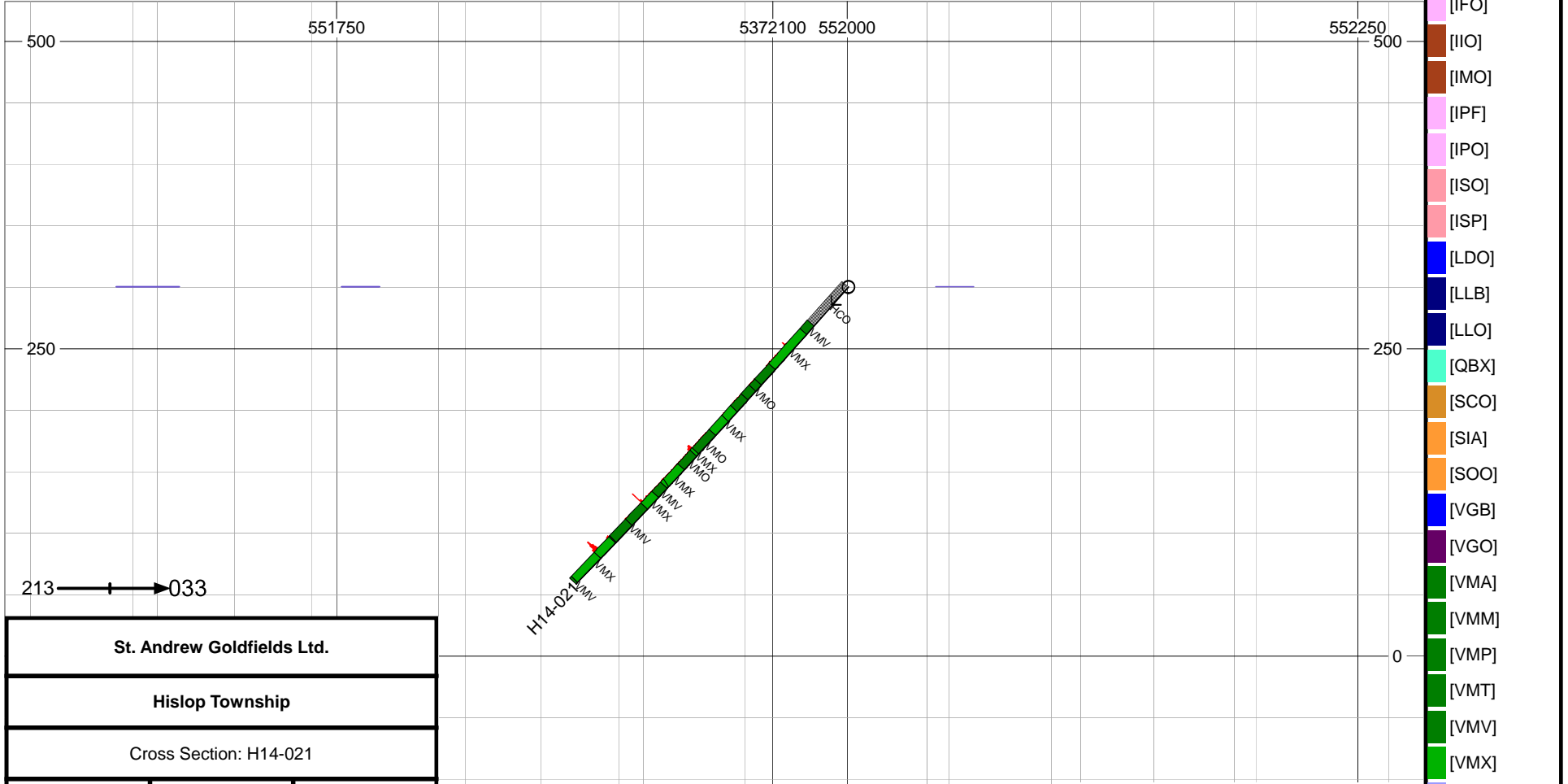
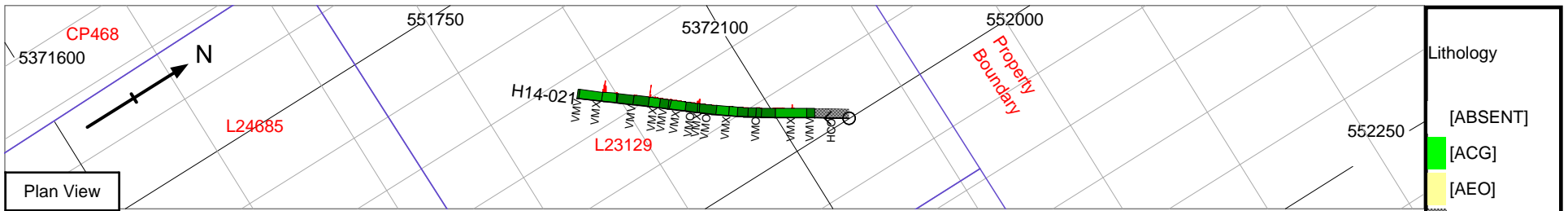


- Lithology
- [ABSENT]
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 - [SOO]
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 - [VMV]
 - [VMX]
 - [VUO]
 - [VUX]

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|----------------------------|-------------------|------------|
| St. Andrew Goldfields Ltd. | | |
| Hislop Township | | |
| Cross Section: H14-020 | | |
| Au Scale: 1 mm = 1 g | Clipping: +/- 20m | UTM: NAD83 |

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-020 | 227 | -49 | 300m | L23129 |





St. Andrew Goldfields Ltd.

Hislop Township

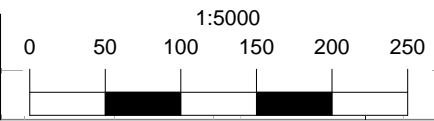
Cross Section: H14-021

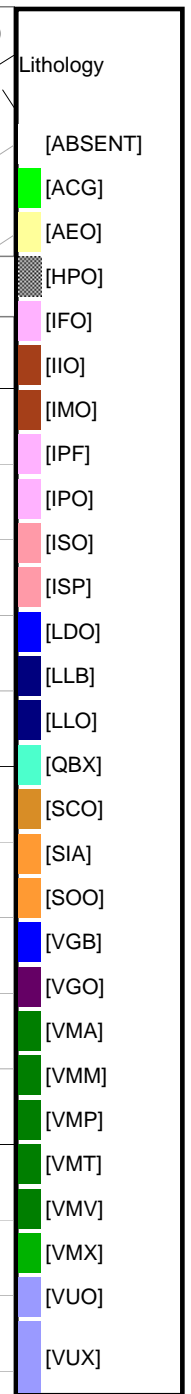
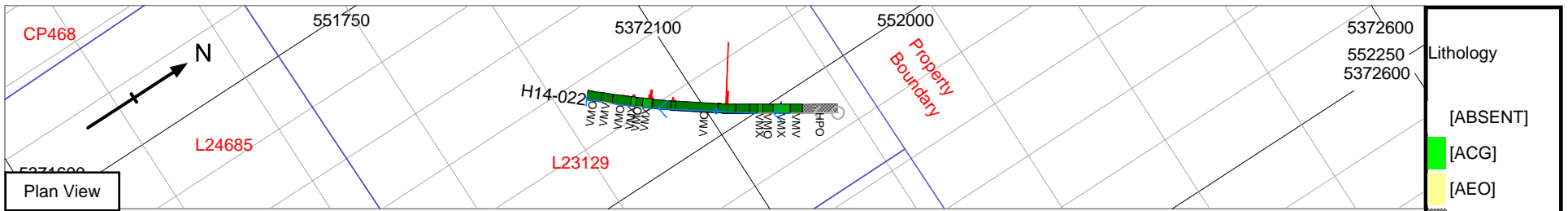
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-021 | 213 | -48 | 328.5m | L23129 |





St. Andrew Goldfields Ltd.

Hislop Township

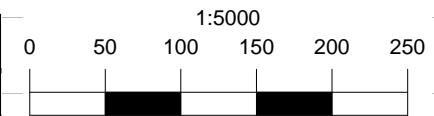
Cross Section: H14-022

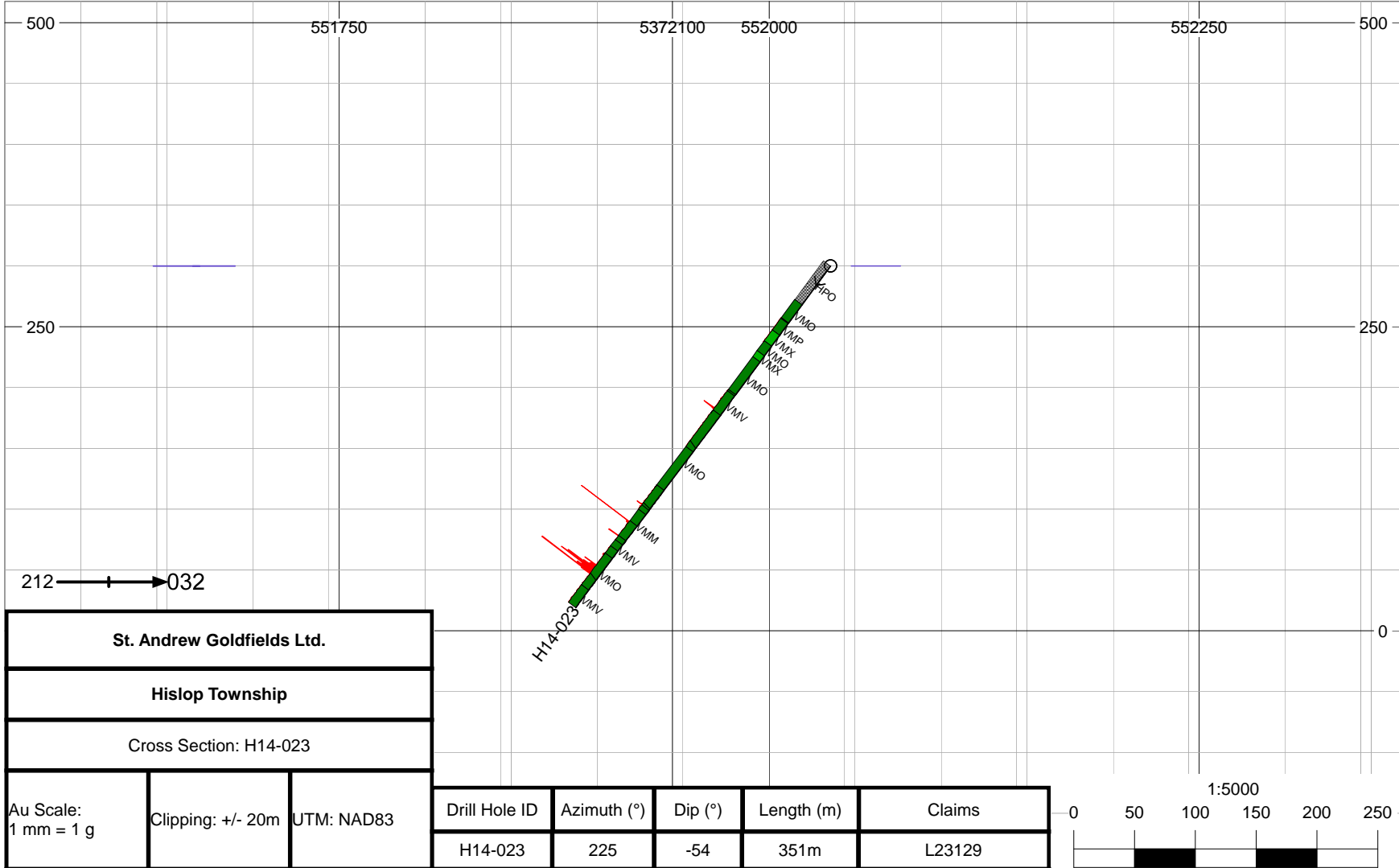
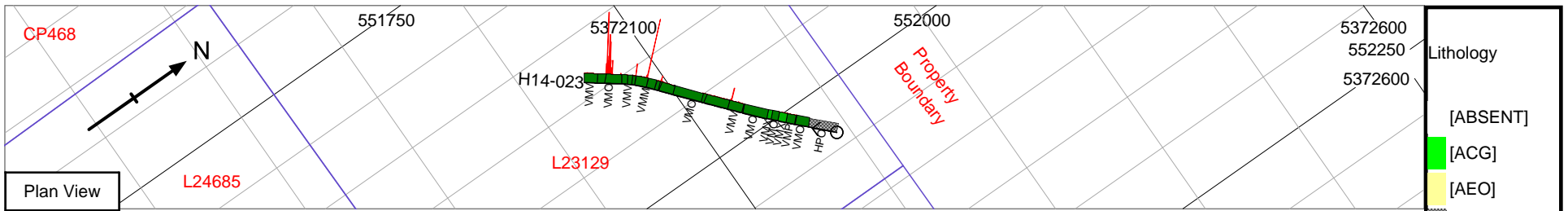
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-022 | 213 | -47 | 300m | L23129 |





Lithology

- [ABSENT]
- [ACG]
- [AEO]
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- [IFO]
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- [IMO]
- [IPF]
- [IPO]
- [ISO]
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- [LDO]
- [LLB]
- [LLO]
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- [VMA]
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- [VMP]
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- [VMV]
- [VMX]
- [VUO]
- [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

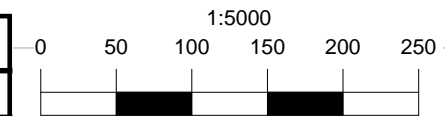
Cross Section: H14-023

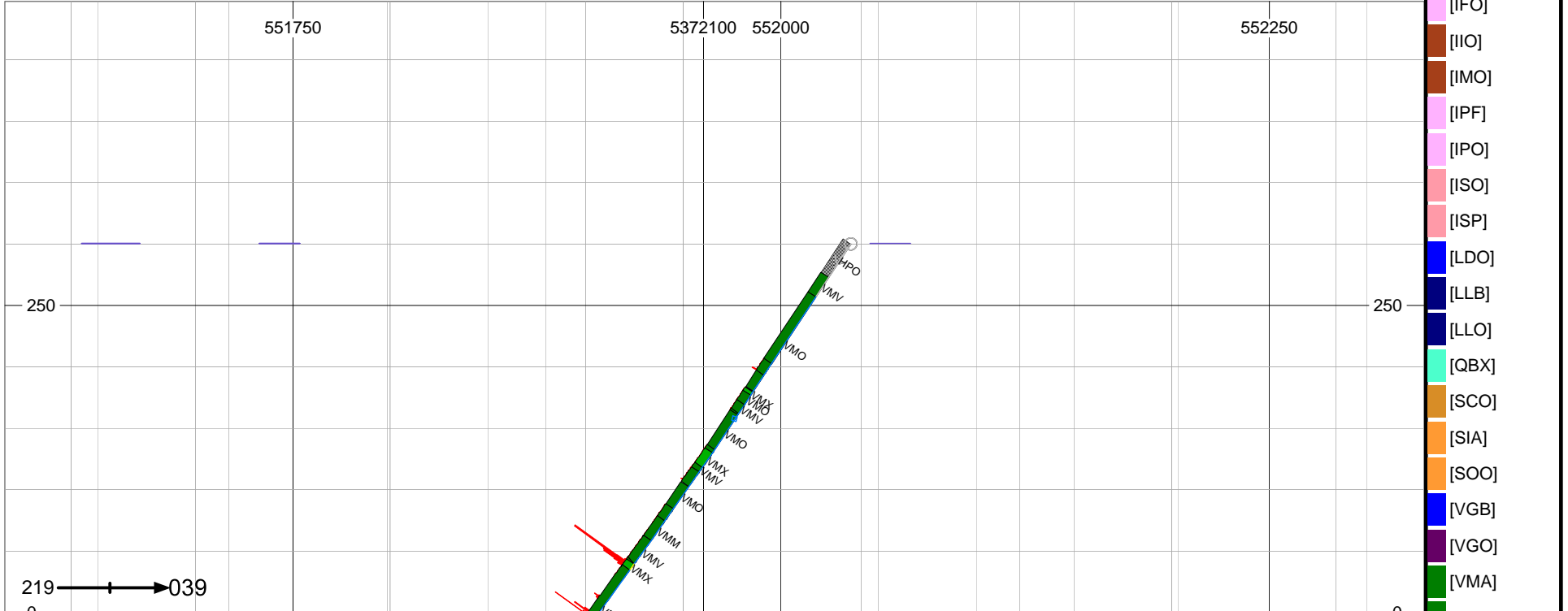
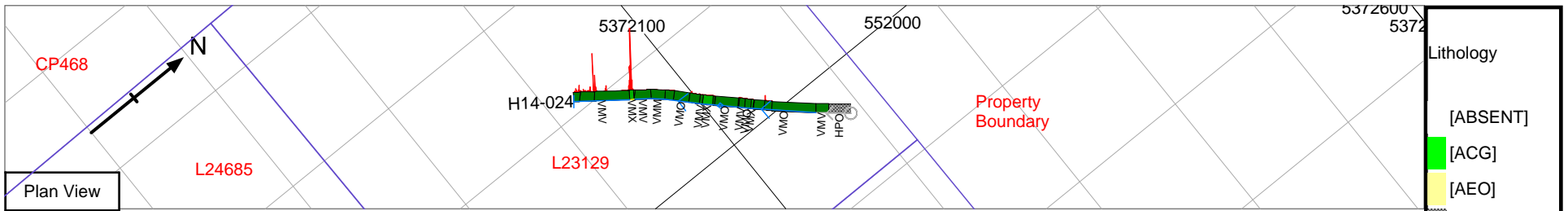
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-023 | 225 | -54 | 351m | L23129 |





St. Andrew Goldfields Ltd.

Hislop Township

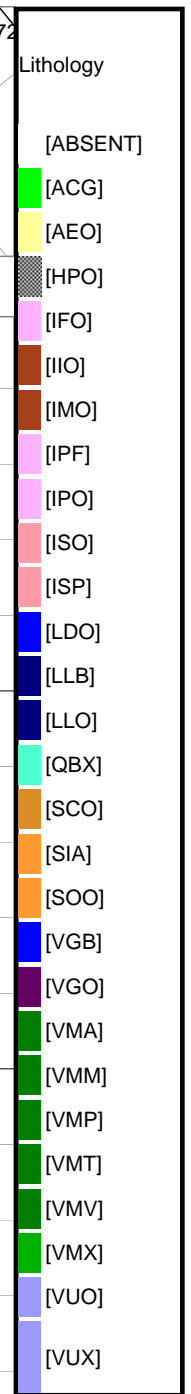
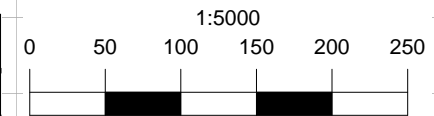
Cross Section: H14-024

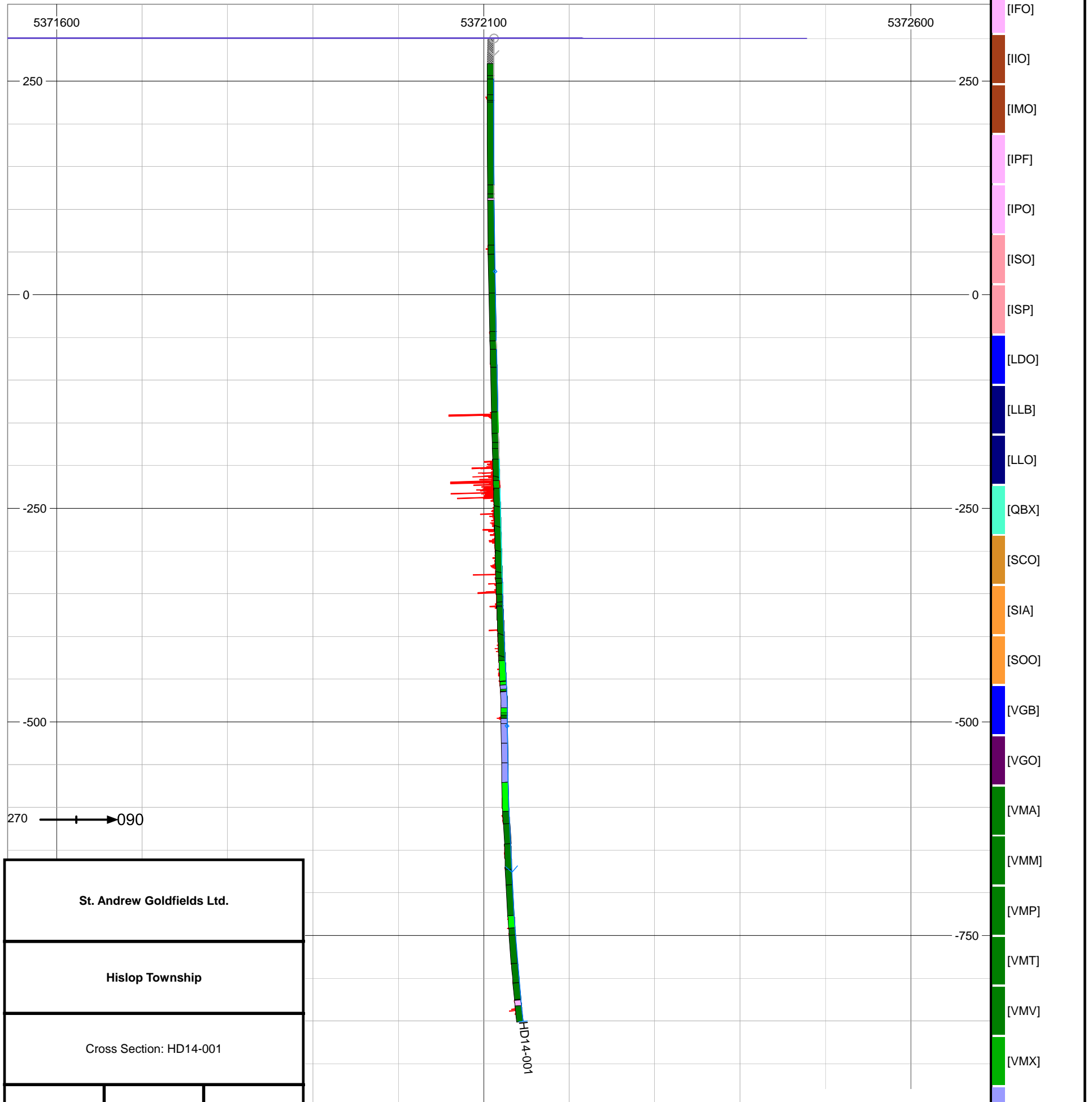
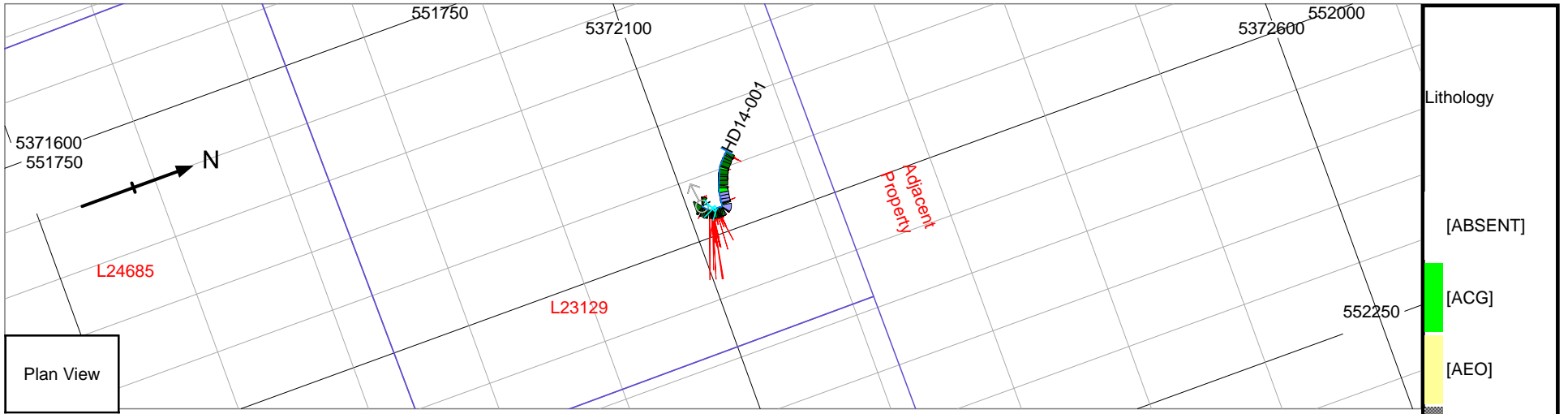
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| H14-024 | 219 | -57 | 399m | L23129 |





St. Andrew Goldfields Ltd.

Hislop Township

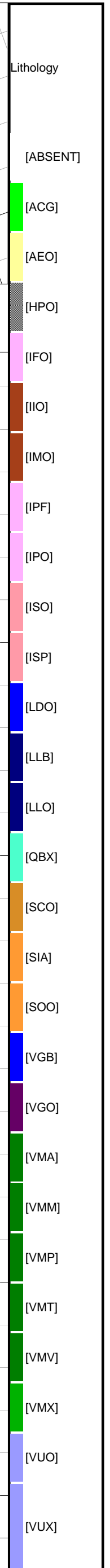
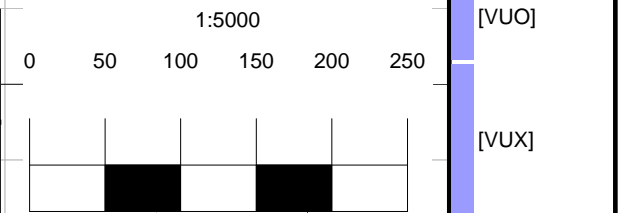
Cross Section: HD14-001

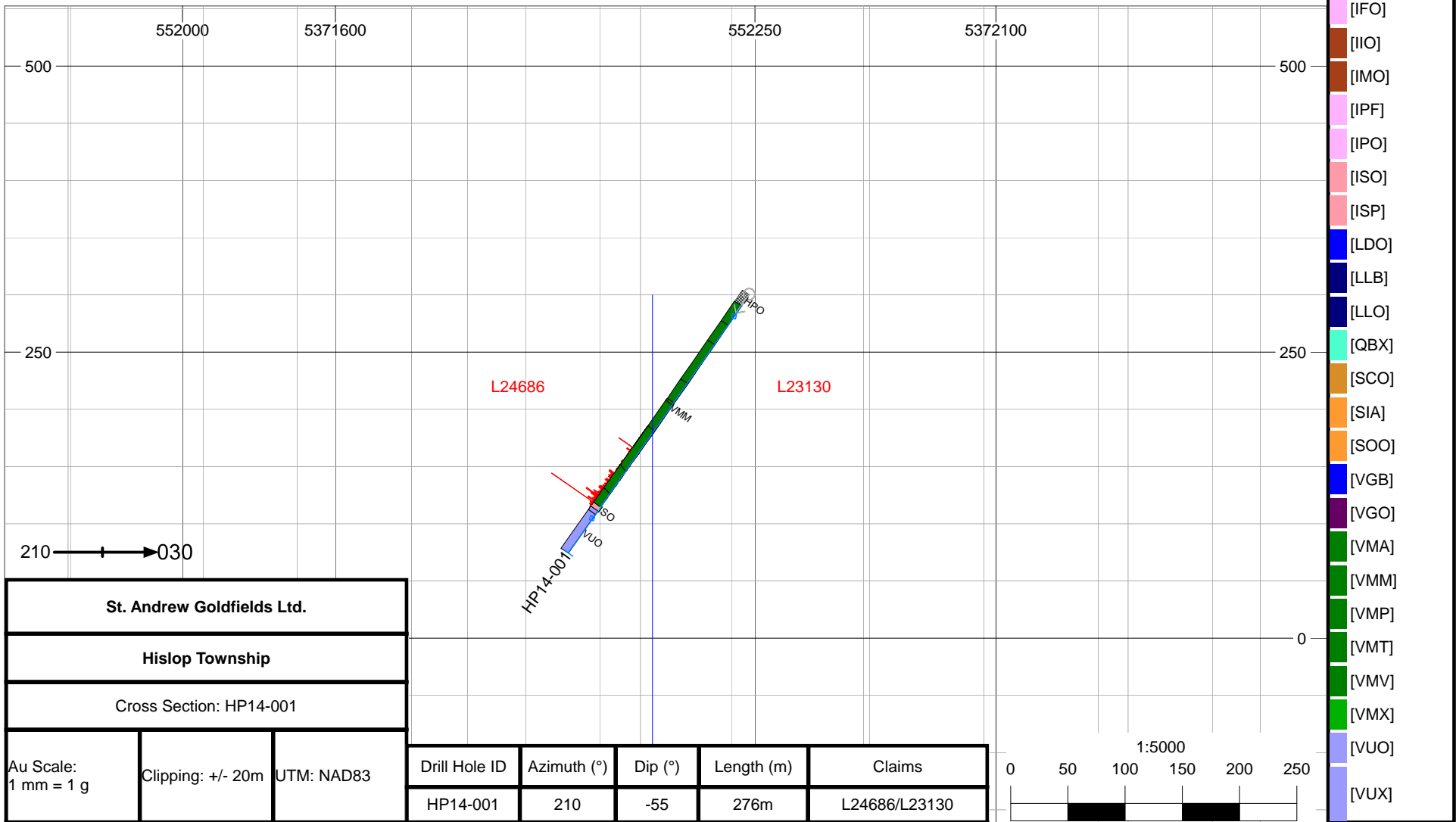
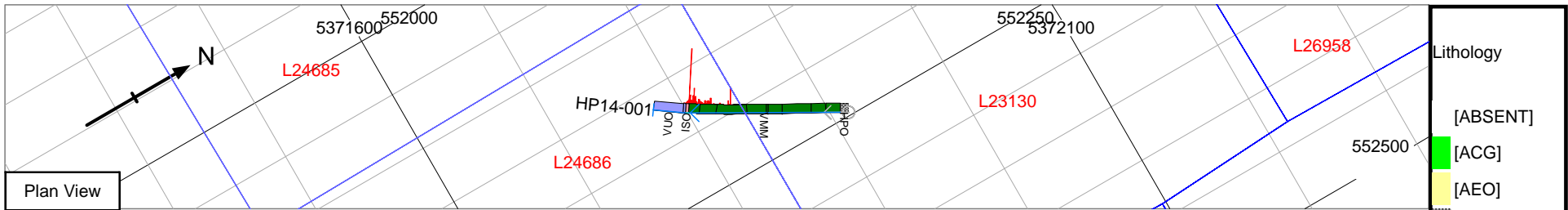
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| HD14-001 | 360 | -90 | 1154 | L23129 |





- Lithology
- [ABSENT]
 - [ACG]
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 - [IIO]
 - [IMO]
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 - [VMA]
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 - [VMT]
 - [VMV]
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 - [VUO]
 - [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

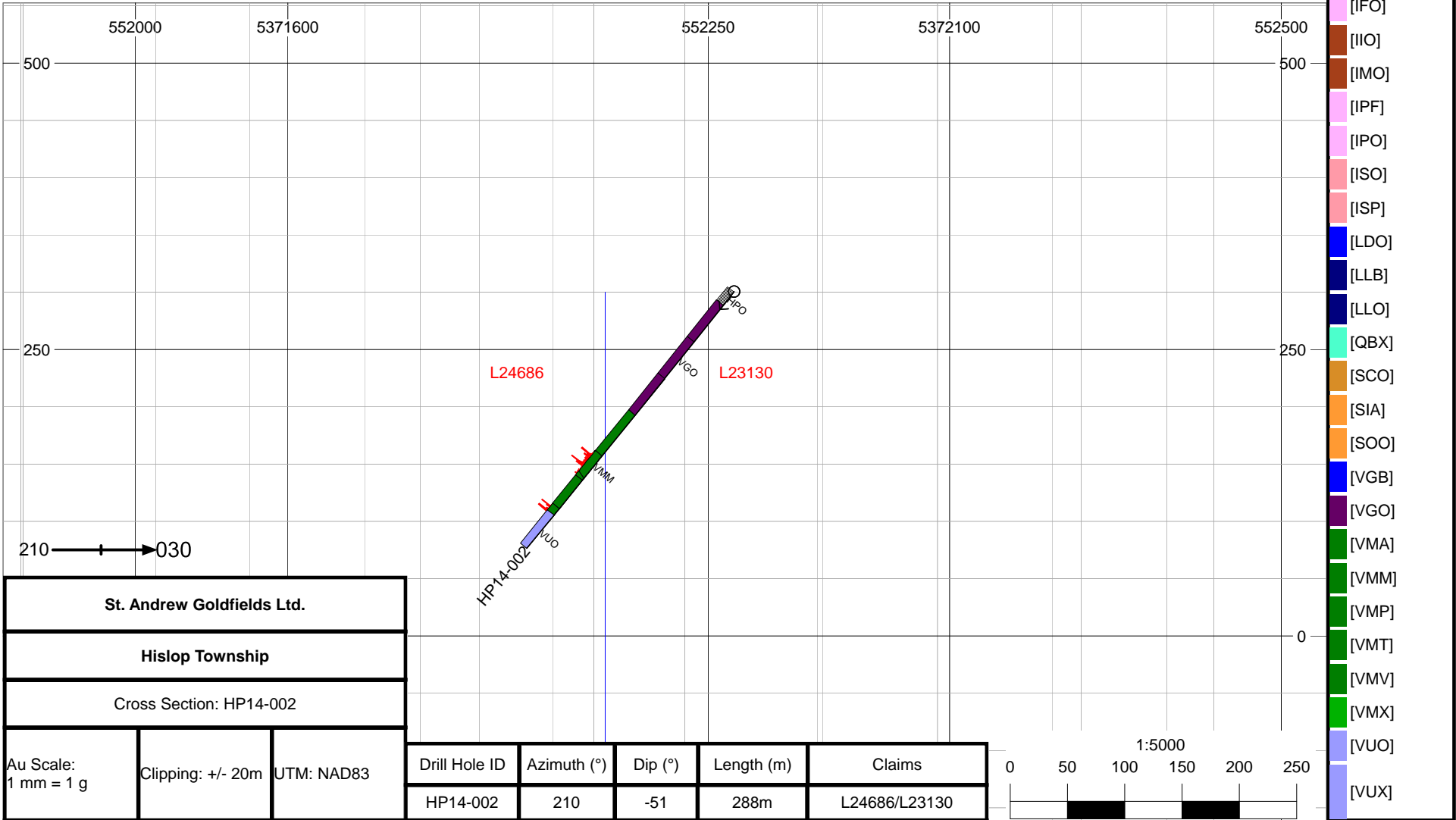
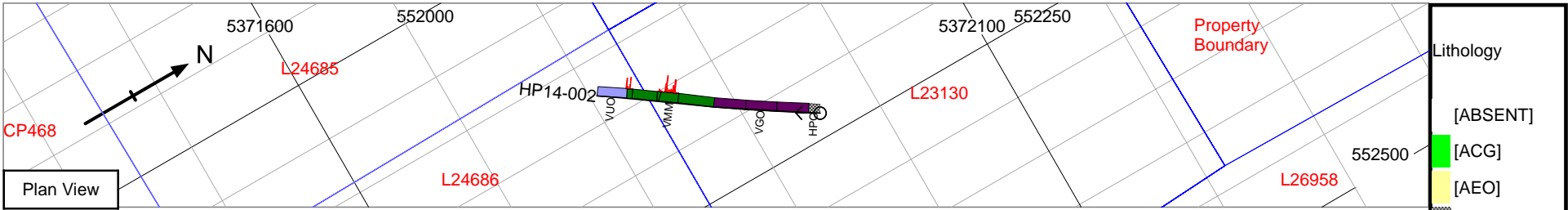
Cross Section: HP14-001

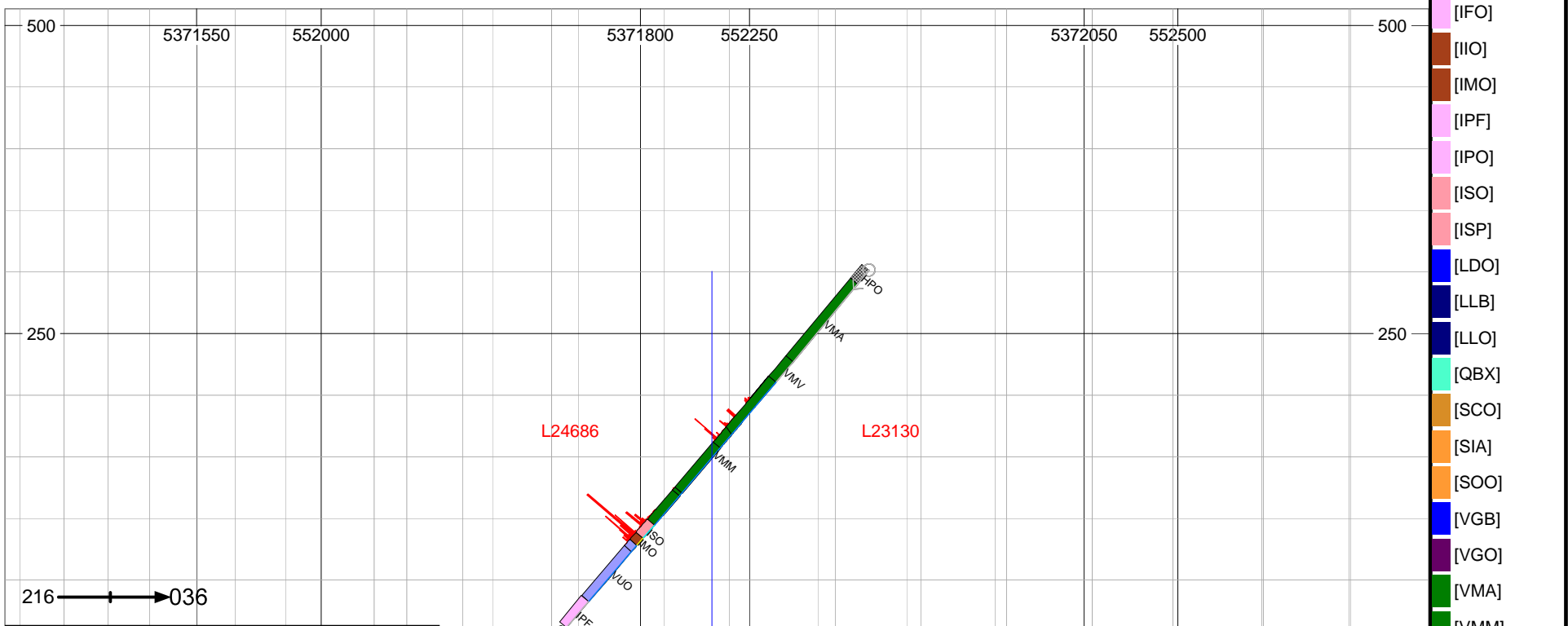
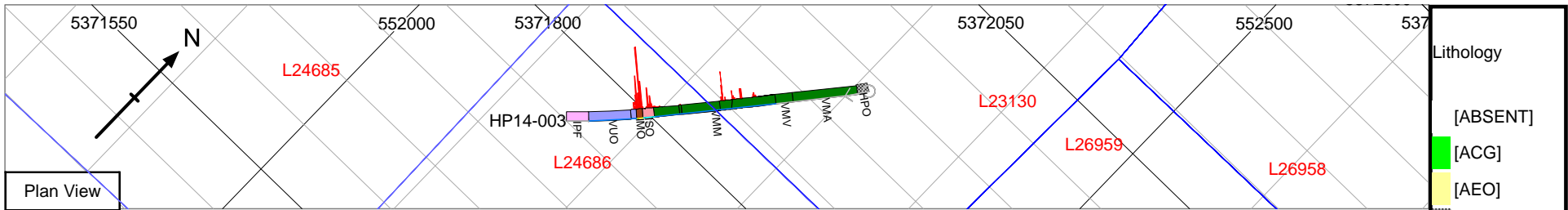
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|---------------|
| HP14-001 | 210 | -55 | 276m | L24686/L23130 |





- Lithology
- [ABSENT]
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 - [IIO]
 - [IMO]
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 - [LLB]
 - [LLO]
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 - [VGB]
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 - [VMA]
 - [VMM]
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 - [VUO]
 - [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

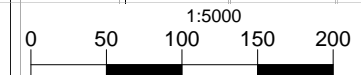
Cross Section: HP14-003

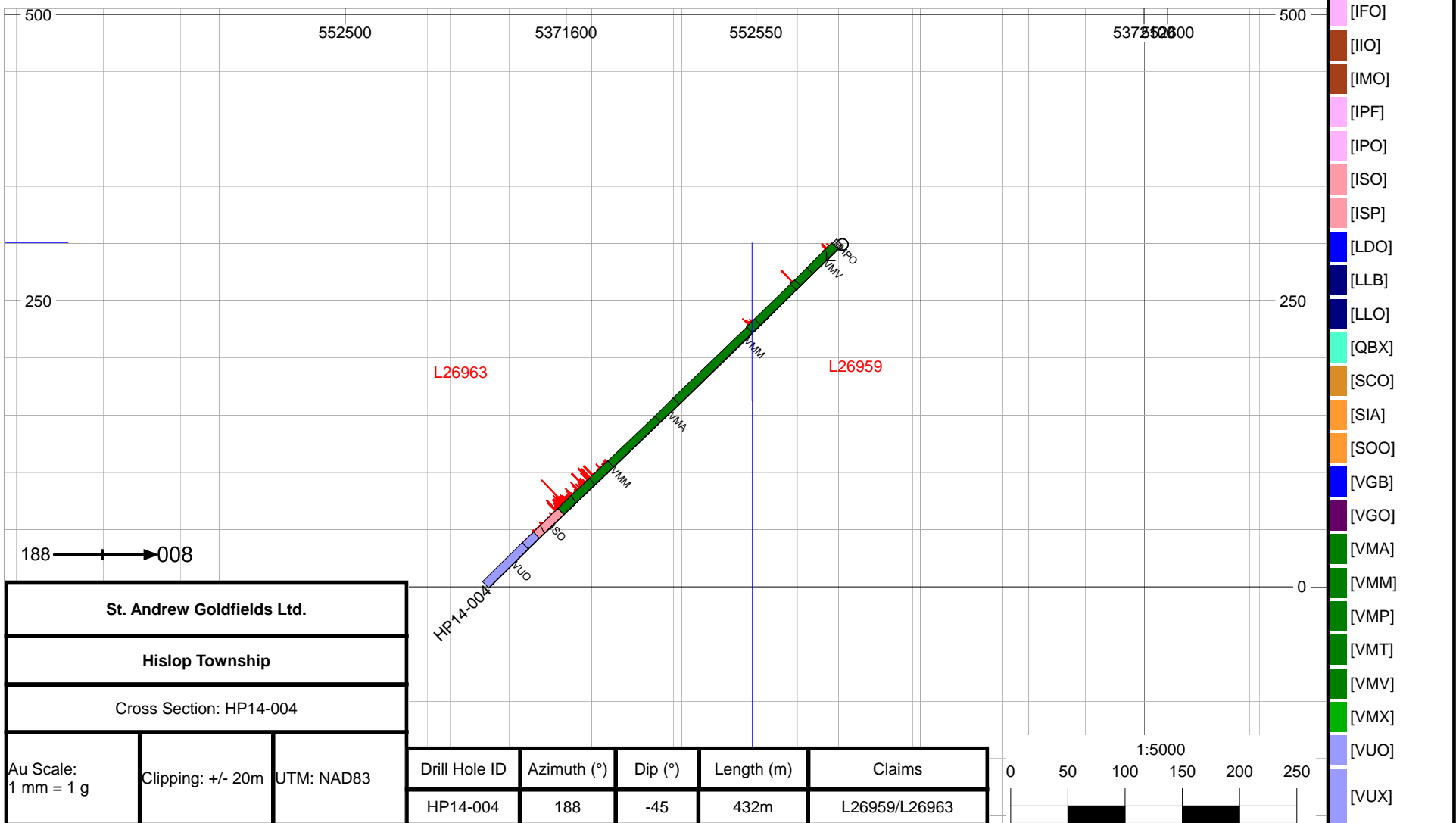
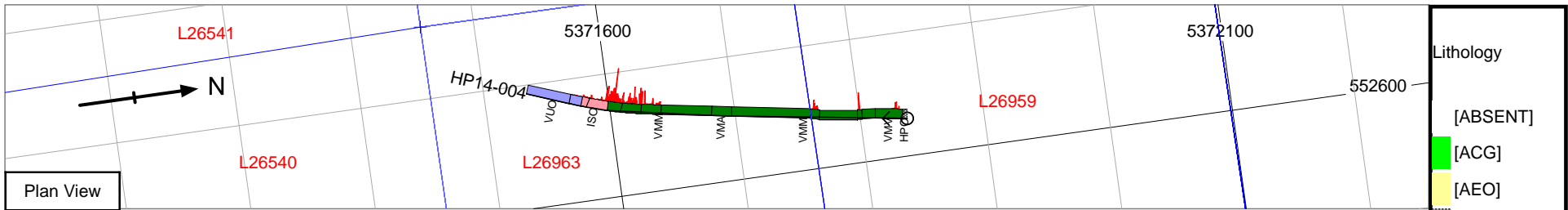
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|---------------|
| HP14-003 | 216 | -51 | 381m | L24686/L23130 |





- Lithology
- [ABSENT]
 - [ACG]
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 - [IMO]
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 - [VUX]

St. Andrew Goldfields Ltd.

Hislop Township

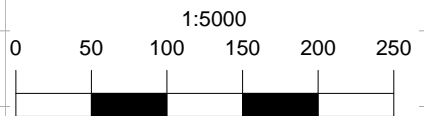
Cross Section: HP14-004

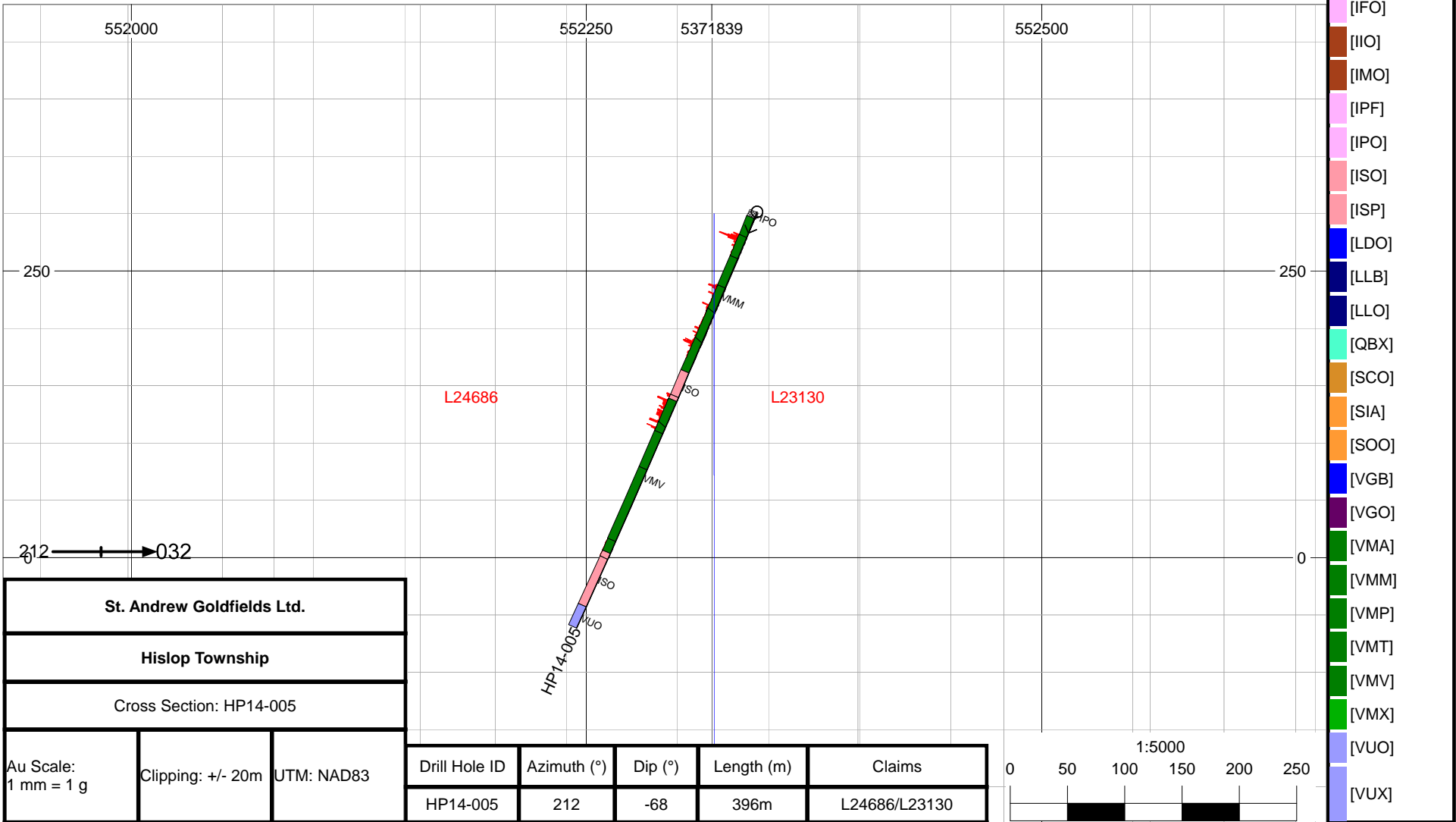
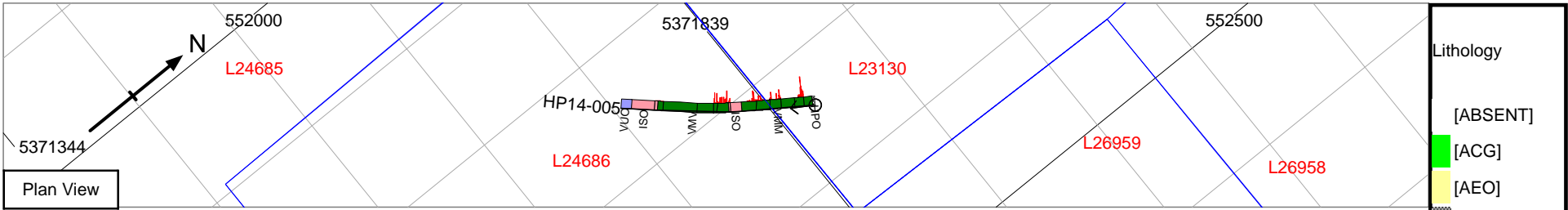
Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

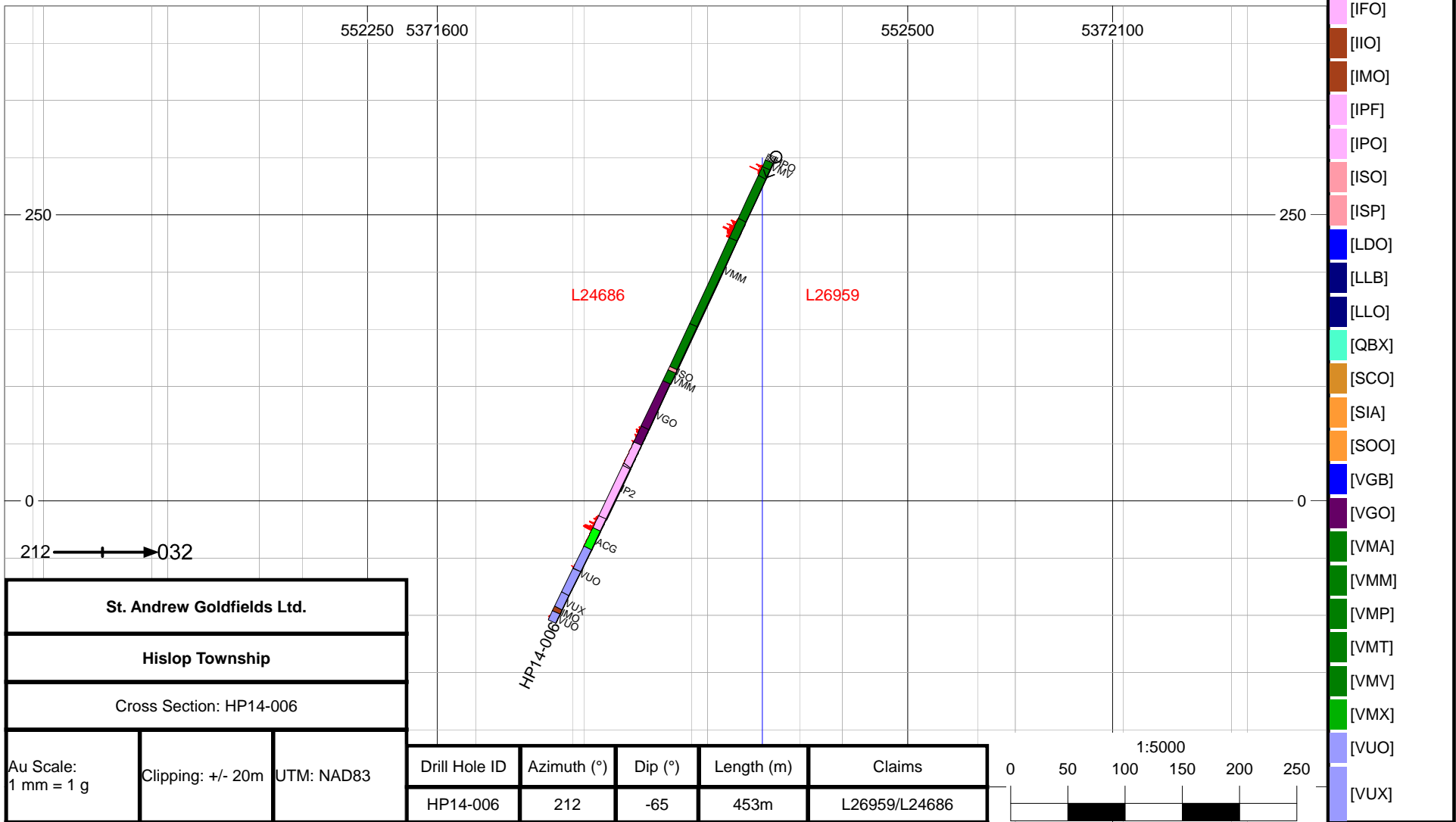
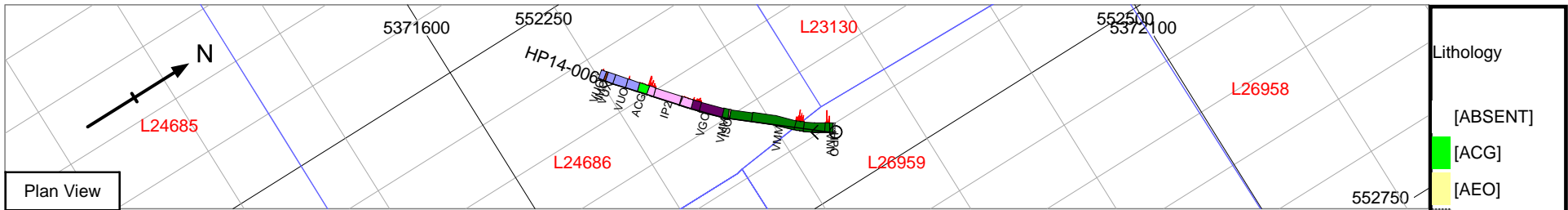
| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|---------------|
| HP14-004 | 188 | -45 | 432m | L26959/L26963 |





- Lithology
- [ABSENT]
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St. Andrew Goldfields Ltd.
 Hislop Township
 Cross Section: HP14-005
 Au Scale: 1 mm = 1 g
 Clipping: +/- 20m
 UTM: NAD83



- Lithology
- [ABSENT]
 - [ACG]
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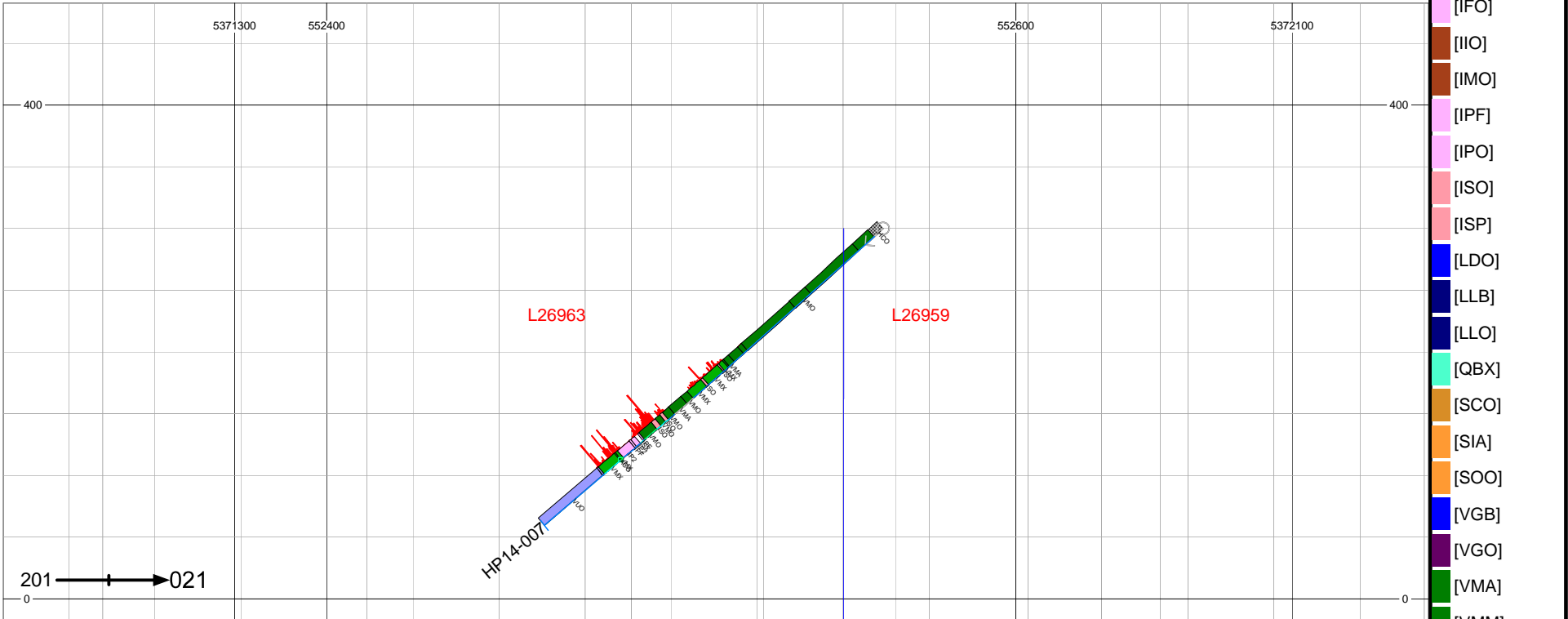
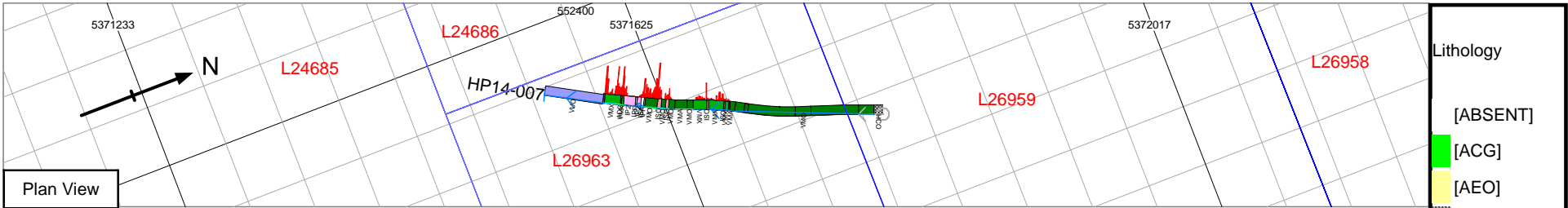
Hislop Township

Cross Section: HP14-006

Au Scale: 1 mm = 1 g

Clipping: +/- 20m

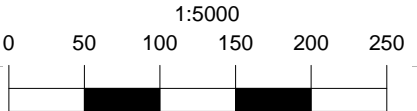
UTM: NAD83

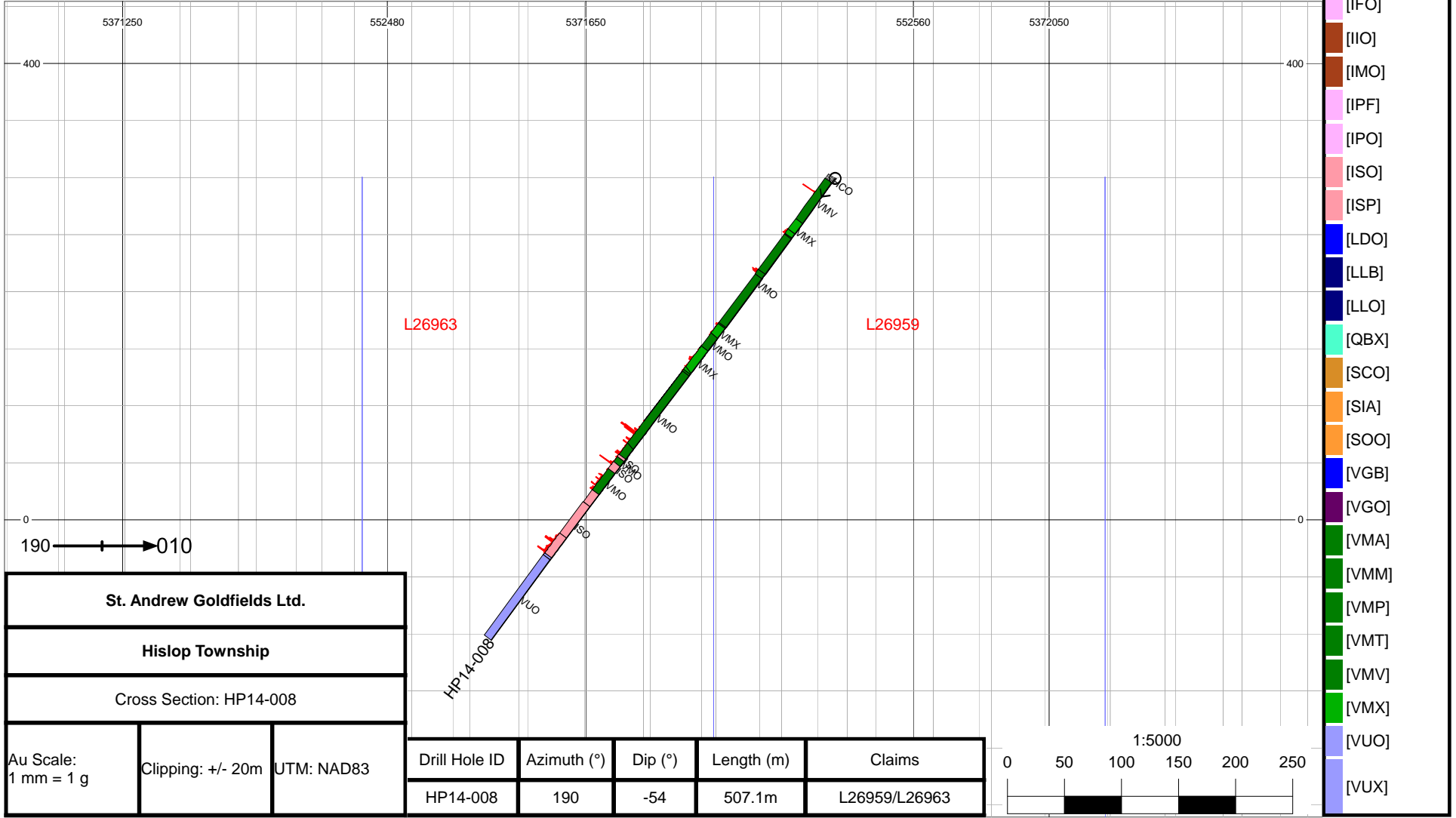
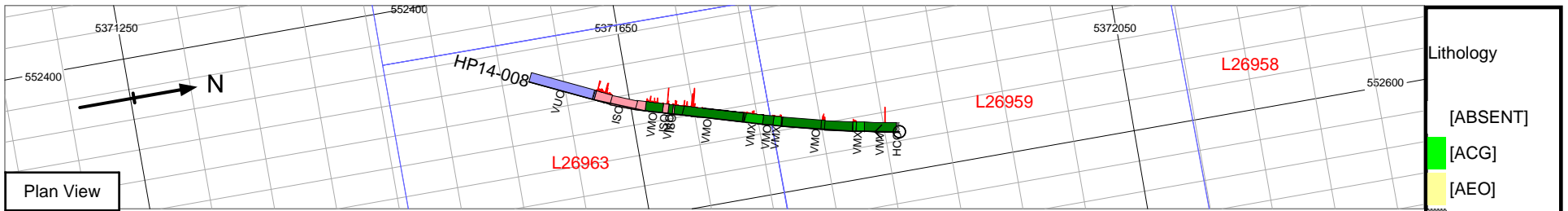


- Lithology
- [ABSENT]
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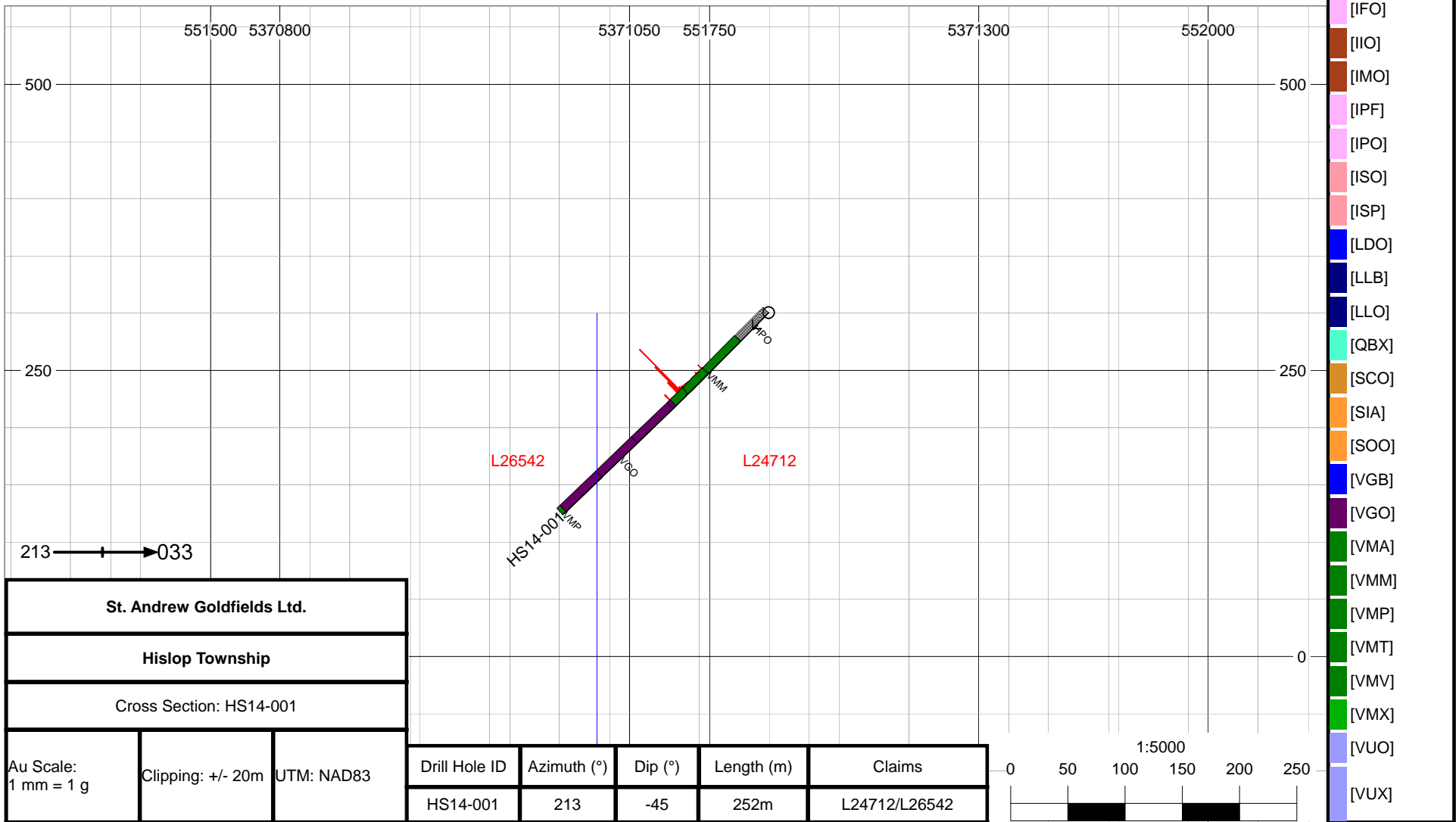
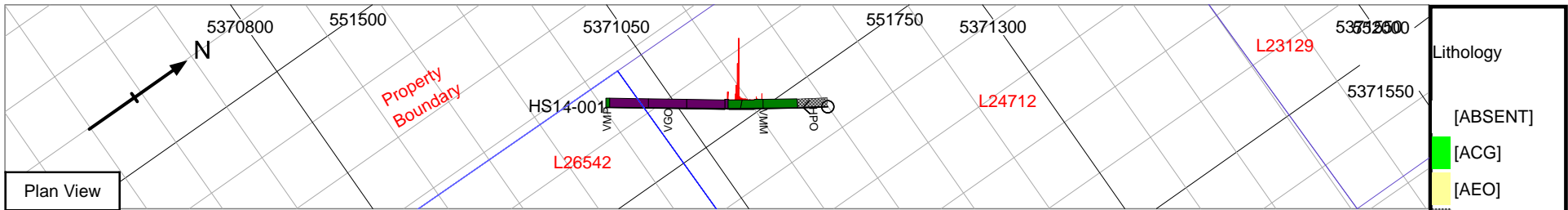
| | | |
|----------------------------|-------------------|------------|
| St. Andrew Goldfields Ltd. | | |
| Hislop Township | | |
| Cross Section: HP14-007 | | |
| Au Scale: 1 mm = 1 g | Clipping: +/- 20m | UTM: NAD83 |

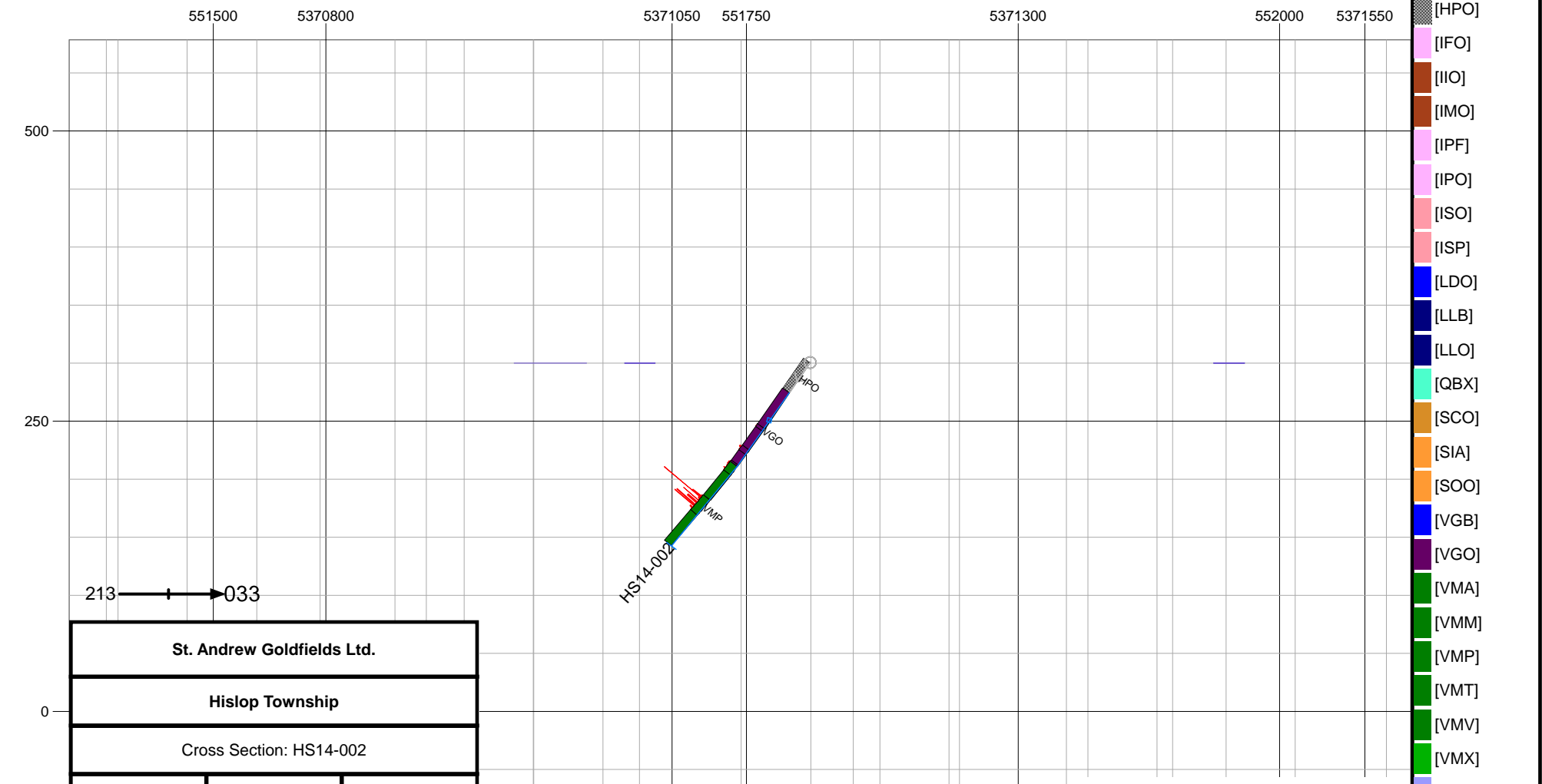
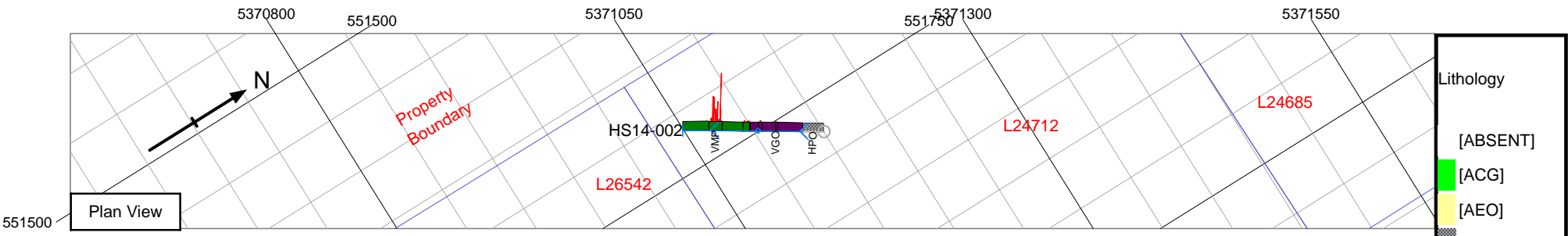
| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|---------------|
| HP14-007 | 201 | -42 | 366m | L26963/L26959 |





- Lithology
- [ABSENT]
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- Lithology
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St. Andrew Goldfields Ltd.

Hislop Township

Cross Section: HS14-002

Au Scale: 1 mm = 1 g

Clipping: +/- 20m

UTM: NAD83

| Drill Hole ID | Azimuth (°) | Dip (°) | Length (m) | Claims |
|---------------|-------------|---------|------------|--------|
| HS14-002 | 213 | -55 | 198m | L24712 |