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## **Assessment Report on the 2018 Drill Program**

### **Hasaga Project**

#### **Premier Gold Mines NWO Inc.**

Red Lake Mining District  
Dome and Heyson Township  
NTS Sheets 52K/13 & 52 N/4

November 8<sup>th</sup>, 2018

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## Table of Contents

Table of Contents .....	ii
List of Figures .....	iii
List of Tables .....	iii
List of Abbreviations .....	iv
1.0 Summary .....	1
2.0 Introduction .....	2
3.0 Property Description and Location .....	3
3.1 <i>Location and Accessibility</i> .....	8
3.2 <i>Climate, Local Resources and Infrastructure</i> .....	8
3.3 <i>Physiography</i> .....	9
4.0 Regional Geology .....	9
5.0 Property Geology and Mineralization .....	12
5.1 <i>Hasaga Porphyry Mineralization</i> .....	13
5.2 <i>Dome stock mineralization</i> .....	15
6.0 Exploration History .....	18
6.1 <i>Historic Exploration</i> .....	18
6.2 <i>Historic Development</i> .....	19
7.0 Diamond Drill Program .....	21
8.0 Conclusions and Recommendations .....	24
References .....	25
Statements of Qualifications .....	25
Appendices .....	29
Appendix A: Drill Logs .....	30
Appendix B: Down-Hole Surveys .....	31
Appendix C: Drilling Invoices .....	32
Appendix D: Assay Certificates .....	33
Appendix E: Assay Invoices .....	34
Appendix F: Drill Hole Sections .....	35
Appendix G: Miscellaneous Maps .....	36
Appendix H: Invoice Summary and Claim Cost Allocations .....	37

## List of Figures

Figure 1. Property Location Map highlighting Hasaga Property location in Northwestern Ontario.....	3
Figure 2. Property Claims Map with Legacy claim numbers and highlighting Hasaga Property near Red Lake townsite. ....	4
Figure 3. Property Claims Map with New claim numbers and highlighting Hasaga Property near Red Lake townsite.....	5
Figure 4. Regional Geology Map (modified after Horwood, 1945; Sanborn-Barrie et al., 2004; and M. Epp regional mapping compilation).....	11
Figure 5. Hasaga Property Geology Map (modified after Horwood, 1945; Sanborn-Barrie et al., 2004; and M. Epp regional mapping compilation).....	12
Figure 6. A) Strong and pervasive sericitized Hasaga porphyry with visual gold in a quartz-carbonate-pyrite vein (HMP169w1); B) Visual gold in a quartz-tourmaline vein (HMP173w1) (from Hasaga 2018 core photos) .....	14
Figure 7. A) Quartz-carbonate-tourmaline-pyrite vein with visual gold within silicified and sericite altered granodiorite (HLD-031); B) Quartz-carbonate-pyrite-chalcopyrite vein with visual gold within strong potassic altered granodiorite (HLD-060) (from Hasaga, 2016).....	16
Figure 8. Visual gold in quartz-tourmaline-calcite-pyrite veins from Buffalo. A) HMP168 at 287.1 m; B) HMP168 at 292.15 m (from Hasaga 2018 core photos) .....	17
Figure 9. Longitudinal Isometric View Looking NW highlighting the 2018 drilling of the C and D zone. ....	21
Figure 10. Property Geology Map with Drill hole collar and vertical section locations.....	22

## List of Tables

Table 1. Details for unpatented mining claims.....	5
Table 2. Details for patented mining claims. ....	<a href="#">6</a>
Table 3. List of the 2018 Diamond Drill holes. ....	23

## List of Abbreviations

Au- Gold	EPD- Epidote	I0P- Pyroxenite	PO- Pyrrhotite
BK- Black	FG- Fine Grain	I1-Mafic Intrusive	POR- Porphyritic
BLB- Blebs	FLD- Folded	I2- Intermediate Intrusive	PY- Pyrite
BLE- Bleaching	FLK- Flakes	I2HD- Diorite	RED- Reddish
CA- Core Angle	FLT- Fault	I3- Felsic Intrusive	S- Strong
CG- Coarse Grain	FOL- Foliated	I3KB- Killala-Baird Batholith	SAP- Salt and Pepper
CHL- Chlorite	FRC- Fractured	I3SQ- Quartz Syenite	SER- Sericite
CHM- Chilled Margin	FRT- Fracture Controlled	L1- Lithology 1	SG- Specific Gravity
CPY- Chalcopyrite	FTX- Flow Top Breccia	L2- Lithology 2	SHD- Sheared
CRB- Carbonate	FUC- Fuchsite	LC- Lost Core	SIL- Silicification
CS- Casing	GND- Dark Green	M- Moderate	SP- Sphalerite
DIS- Disseminated	GNM- Medium Green	MAS- Massive	SPE- Semi-Pervasive
E0- Ultramafic Volcanics	GNP- Pale Green	MG- Medium Grain	STR- Stringer
E1- Mafic Volcanics	GRD- Dark Grey	OB- Overburden	TLC- Talc
E1P- Basalt Pillowed	GRM- Medium Grey	PAT- Patchy	V2- Quartz Carbonate Vein
ET- Tuff	GRP- Pale Grey	PCT- Percent	V3- Quartz Vein
E1T- Mafic Tuff	GS- Grain Size	PER- Pervasive	VG- Visible Gold
E3T- Felsic Tuff	HEM- Hematite	PIL- Pillowed	W- Weak
	I0- Ultramafic Intrusive	PIN- Pink	

## 1.0 Summary

The Hasaga Property covers an area of 1233.74 hectares adjacent to the Town of Red Lake within the Red Lake Mining District. The region is one of Canada's most prolific gold mining districts with over 20 million ounces of gold produced since the 1930's. The general geology of the property consists of steeply dipping volcanic sequences composed of pillowed basalts, andesites and mafic tuffs intruded by syn-tectonic granodiorite, diorite and quartz porphyry intrusions. Within both the Dome Stock Granodiorite and Hasaga porphyry intrusions, areas of strong silica and sericite alteration are extensively sulphide mineralized and accompanied by sulphide and gold bearing quartz veins.

The Hasaga Property has a long history of gold production and exploration. In 1938, a 750m deep shaft was sunk on the southern part of the property at the Hasaga mine. Between 1938 and 1942 a total of 218, 213 ounces (Au) produced at an average grade of 4.94 grams per ton. The property consists of 93 contiguous claims (patents, leases and unpatented mining claims) located within the Heyson and Dome Townships in the Red Lake Mining District. All claims are 100% owned by Premier Gold Mines NWO Inc.

The primary goals of the 2018 exploration program were to infill and test mineralization within the Hasaga C and D zones, but also included a small program examining the potential below the historic Buffalo Pit. These zones are along strike and down plunge from the historic Hasaga mine working previously mentioned. The 2018 program was successful in outlining significant mineralization within the C-zone. An example of one of the many significant drill intercepts is hole HMP176w3: 4.02 g/t Au over 67.0 m, including 5.69 g/t Au over 39.0 m. Further exploration is proposed targeting the lower D-zone, down plunge and further to the southwest from the C-zone mineralization.

The work outlined in this report was completed on patented claims PAT-6714, PAT-6715, PAT-6720, PAT-652619, PAT-52620 and PAT-52628.

Total drilling expenses claimed during the 2018 work program were \$2,889,552.27 (CAD). A summary of all claimed assessment credit drilling and assay invoices is provided in Appendix H, along with a cost allocation to individual claims.



## 2.0 Introduction

The Hasaga Property (herein referred to as “the Property”) consists of 58 mining patents, 14 mining leases and 21 unpatented mining claims covering a total of 1233.74 hectares. The Property is located within and adjacent to the Red Lake townsite. All claims are 100% owned by Premier Gold Mines NWO Limited (herein referred to as “the Company”).

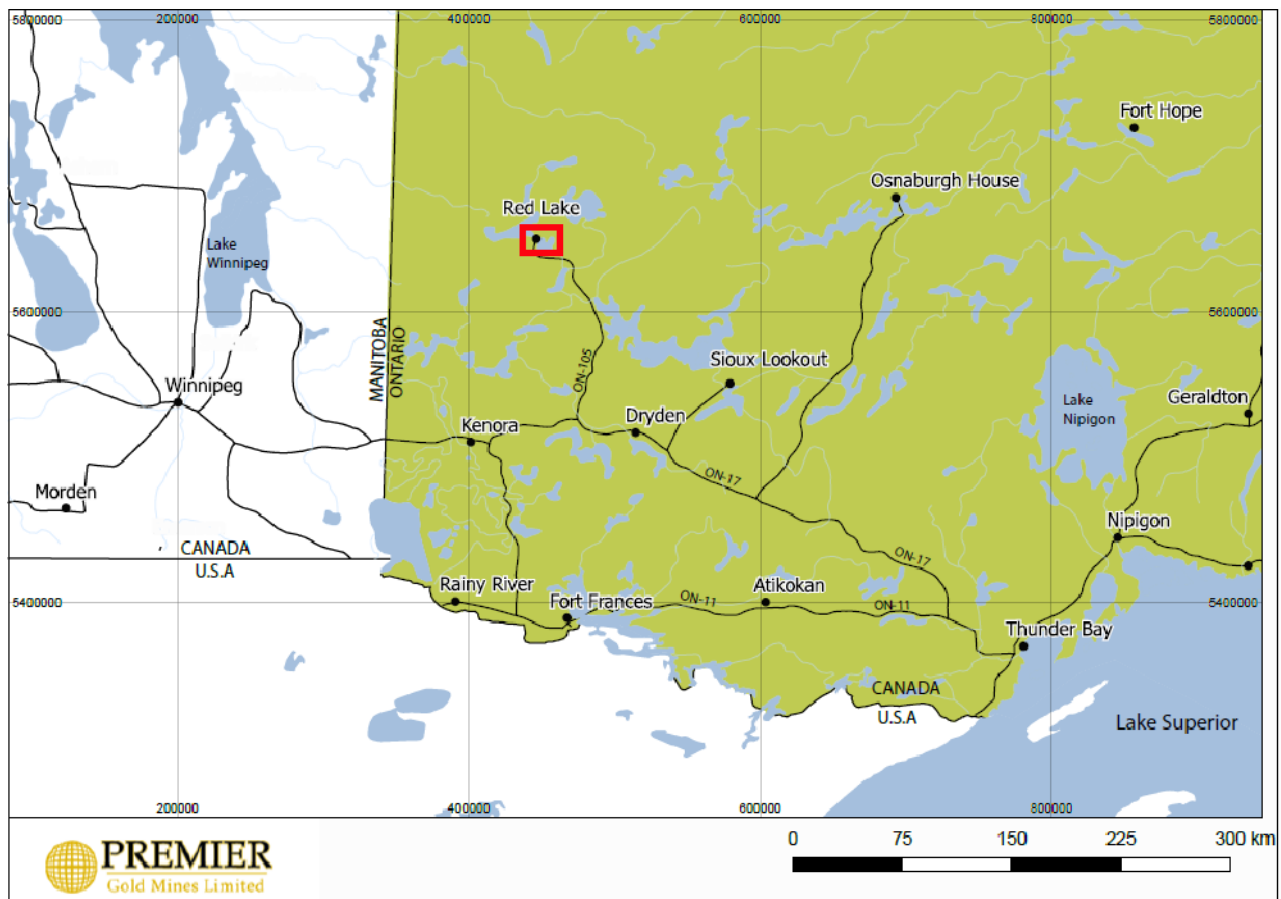
The company has been exploring the property since April 2015. The purpose of this report is to obtain credit for work completed on patented mining claims during the 2018 exploration program. The credits are then to be redistributed to the 21 contiguous unpatented mining claims (5 legacy claims). Six (one legacy claim) of which are due in October 2019 and were transferred to the company during June 2018, after completion of an acquisition agreement with another party.

From January 23 to July 15, 2018, the company conducted a diamond drill program on the Hasaga Property. Chibougamau Diamond Drilling was contracted to provide two diamond drills for the exploration program. A total of 19,316 meters were drilled, of which 19 new holes were drilled (HMP165 to HMP183) and 9 wedge holes were drilled (HMP151w1, w2; HMP169w1, w2, w3; HMP173w1; HMP176w1, w2, w3), making up 28 drill holes.

The objective of the exploration program was to delineate the C-zone with ~50m centers using both 2017 and 2018 drill holes for an inferred internal mineral inventory. The secondary goal was to step out testing the shallow D-zone targets along trend and down plunge from known mineralization outlined in the 2017 mineral resource estimate.

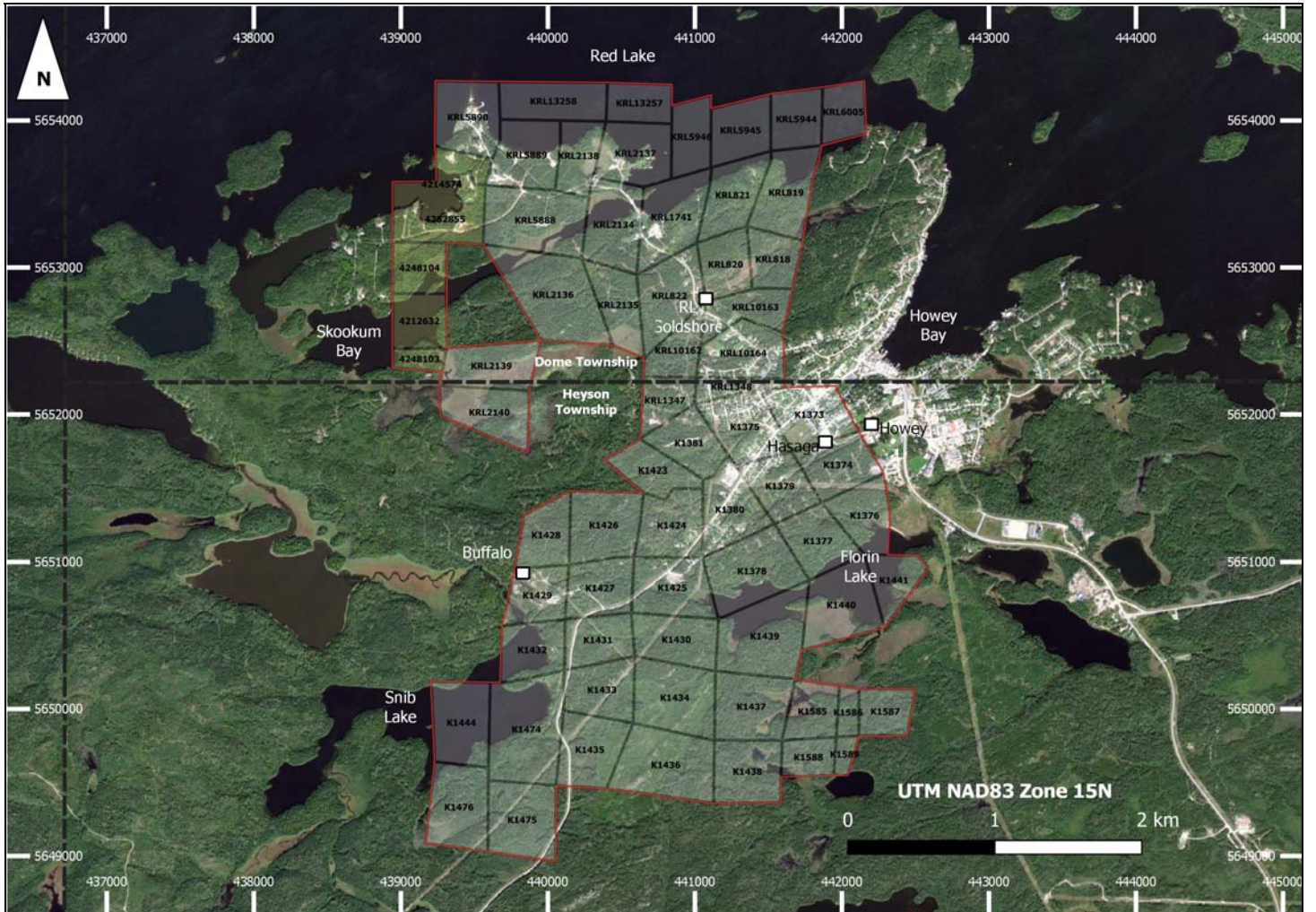
### 3.0 Property Description and Location

The Hasaga Property (herein referred to as “the Property”) consists of 58 mining patents, 14 mining leases and 21 unpatented mining claims covering a total of 1233.74 hectares (tables 1 and 2). The Property is in the Red Lake Mining District in Northwestern Ontario, approximately 440 km northwest of Thunder Bay (Ontario), and 270 km northeast of Winnipeg, Manitoba (Figure 1). The Property covers parts of Dome and Heyson townships, within and adjacent to the Municipality of Red Lake (figures 2 and 3). All claims are 100% owned by Premier Gold Mines NWO Limited.

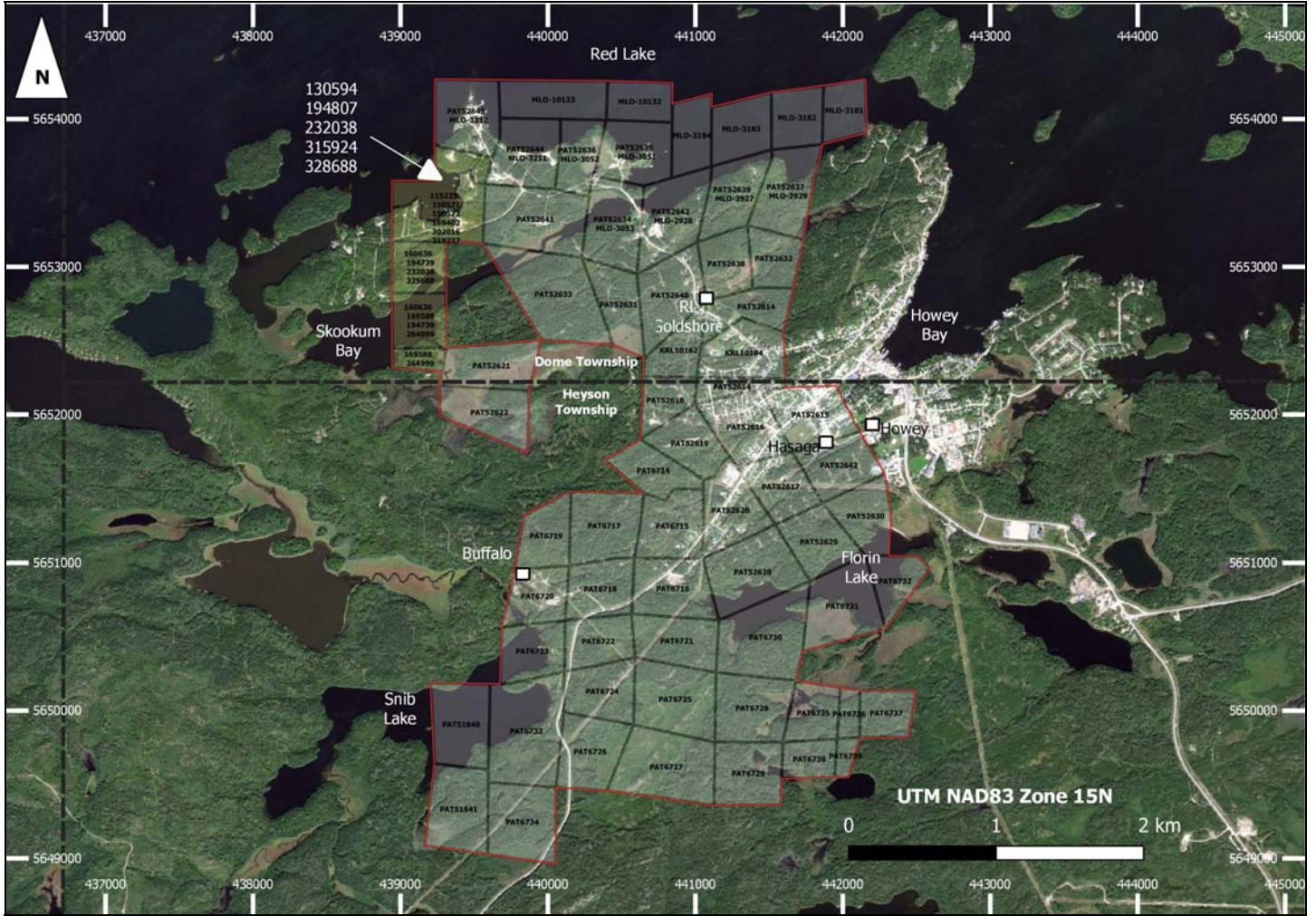


**Figure 1. Property Location Map highlighting Hasaga Property location in Northwestern Ontario.**





**Figure 2. Property Claims Map with Legacy claim numbers and highlighting Hasaga Property near Red Lake townsite.**



**Figure 3. Property Claims Map with New claim numbers and highlighting Hasaga Property near Red Lake townsite.**

**Table 1. Details for unpatented mining claims.**

Legacy Claim No.	New Claim No.	Units	Tenure Type	Township	Recorded Date	Due Date	Work Required	Total Work	Total Reserve	Claim Bank	Area (Ha)
KRL 4214574	130594, 194807, 232038, 315924, 328688	2	Unpatented	Dome	Sep-02-2008	Sep-02-2022	800	9600	0	0	16.8
KRL 4282855	115225, 150571, 150572, 169402, 302016, 319237	1	Unpatented	Dome	Oct-30-2017	Oct-30-2019	400	0	0	0	16.62
KRL 4248104	160636, 194739, 232038, 325688	1	Unpatented	Dome	Jun-26-2009	Feb-10-2022	400	3600	121	0	11.4
KRL 4212632	160636, 169588, 194739, 264999	1	Unpatented	Dome	Jun-11-2009	Jan-26-2022	400	3600	243	0	13.8
KRL 4248103	169588, 264999	1	Unpatented	Dome	Jun-26-2009	Feb-10-2022	400	3600	75	0	5.251

Legacy Claim No.	New Claim No.	Tenure Type	Legal Rights	Area (Ha)
K1373	PAT-52615	Patent	Mining Rights	18.211
K1374	PAT-52642	Patent	Mining & Surface Rights	17.28
K1375	PAT-52616	Patent	Mining Rights	18.009
K1376	PAT-52630	Patent	Mining & Surface Rights	16.997
K1377	PAT-52629	Patent	Mining & Surface Rights	13.516
K1378	PAT-52628	Patent	Mining & Surface Rights	25.171
K1379	PAT-52617	Patent	Mining Rights	15.297
K1380	PAT-52620	Patent	Mining Rights	18.211
K1381	PAT-52619	Patent	Mining Rights	15.135
K1423	PAT-6714	Patent	Mining Rights	16.794
K1424	PAT-6715	Patent	Mining Rights	16.106
K1425	PAT-6716	Patent	Mining Rights	21.125
K1426	PAT-6717	Patent	Mining Rights	22.217
K1427	PAT-6718	Patent	Mining Rights	17.078
K1428	PAT-6719	Patent	Mining Rights	16.794
K1429	PAT-6720	Patent	Mining Rights	14.892
K1430	PAT-6721	Patent	Mining Rights	20.234
K1431	PAT-6722	Patent	Mining Rights	12.707
K1432	PAT-6723	Patent	Mining Rights	14.892
K1433	PAT-6724	Patent	Mining Rights	12.586
K1434	PAT-6725	Patent	Mining Rights	25.981
K1435	PAT-6726	Patent	Mining Rights	16.552
K1436	PAT-6727	Patent	Mining Rights	28.611
K1437	PAT-6728	Patent	Mining Rights	21.732
K1438	PAT-6729	Patent	Mining Rights	19.061
K1439	PAT-6730	Patent	Mining Rights	28.328
K1440	PAT-6731	Patent	Mining Rights	19.87
K1441	PAT-6732	Patent	Mining Rights	11.574
K1444	PAT-51840	Patent	Mining Rights	20.032
K1474	PAT-6733	Patent	Mining Rights	34.277
K1475	PAT-6734	Patent	Mining Rights	27.438
K1476	PAT-51841	Patent	Mining Rights	22.662
K1585	PAT-6735	Patent	Mining Rights	11.453
K1586	PAT-6736	Patent	Mining Rights	5.22
K1587	PAT-6737	Patent	Mining Rights	11.372
K1588	PAT-6738	Patent	Mining Rights	8.66

K1589	PAT-6739	Patent	Mining Rights	3.116
KRL10162	KRL10162	Patent	Mining & Surface Rights	11.6
KRL10163	KRL10163	Patent	Surface & Mining Rights	16.34
KRL10164	KRL10164	Patent	Surface & Mining Rights	16.95
KRL13257	MLO-10132	Mining License Occupation	Mining Rights	11.655
KRL13258	MLO-10133	Mining License Occupation	Mining Rights	18.899
KRL1347	PAT-52618	Patent	Mining Rights	22.703
KRL1348	PAT-52614	Patent	Mining Rights	39.578
KRL1741	PAT-52643	Patent	Mining & Surface Rights	14.892
	MLO-2928	Mining License Occupation	Mining Rights	6.475
KRL2134	PAT-52634	Patent	Mining & Surface Rights	21.043
	MLO-3053	Mining License Occupation	Mining Rights	
KRL2135	PAT-52631	Patent	Mining & Surface Rights	16.754
KRL2136	PAT-52633	Patent	Mining & Surface Rights	34.682
KRL2137	PAT-52635	Patent	Mining & Surface Rights	7.891
	MLO-3051	Mining License of Occupation	Mining Rights	11.776
KRL2138	PAT-52636	Patent	Mining & Surface Rights	9.793
	MLO-3052	Mining Licence Occupation	Mining Rights	2.185
KRL5888	PAT-52641	Patent	Mining & Surface Rights	28.571
KRL5889	PAT-52644	Patent (Surface and Mineral)	Mining & Surface Rights	12.545
	MLO-3211	Mining Licence Occupation	Mining Rights	7.406
KRL5890	PAT-52645	Patent	Mining & Surface Rights	8.377
	MLO-3212	Mining License of Occupation	Mining Rights	12.141
KRL5944	MLO-3182	Mining License of Occupation	Mining Rights	13.84
KRL5945	MLO-3183	Mining License of Occupation	Mining Rights	16.187
KRL5946	MLO-3184	Mining License of Occupation	Mining Rights	13.314
KRL6005	MLO-3181	Mining License of Occupation	Mining Rights	11.614
KRL818	PAT-52632	Patent	Mining & Surface Rights	12.667
KRL819	PAT-52637	Patent	Mining & Surface Rights	16.471
	MLO-2929	Mining License of Occupation	Mining Rights	3.925
KRL820	PAT-52638	Patent	Mining & Surface Rights	14.245
KRL821	PAT-52639	Patent	Mining & Surface Rights	15.176
	MLO-2927	Mining License of Occupation	Mining Rights	2.266



KRL822	PAT-52640	Patent	Mining & Surface Rights	21.206
KRL2139	PAT-52621	Patent	Mining Rights	18.777
KRL2140	PAT-52622	Patent	Mining Rights	18.737

### 3.1 Location and Accessibility

The centre of the project’s exploration focus is approximately at Universal Transverse Mercator (UTM) coordinates 440580, 5652250 in Zone 15 of the 1983 North American Datum projected coordinate system (NAD83-Z15)”; or, 51° 01’ 08” North / 93° 50’ 50” West (Latitude /Longitude).

The property can be easily accessed year-round directly from Highway ON-105 and ON-618 which bisects the southern part of the property from east to west. Various dirt roads and trails allow for easy access to the remainder of the property. Drilling was restricted to areas without residential and commercial developments.

### 3.2 Climate, Local Resources and Infrastructure

The Hasaga Work Area is in western Ontario, an area considered “humid continental”, typified by large seasonal temperature differences, with warm to hot and often humid summers, and cold, sometimes severely cold winters. Snow cover and cold temperatures can be expected from December to April, but exploration programs (e.g., diamond-drilling, ground geophysical surveys) can typically be carried out year-round.

The Municipality of Red Lake consists of six communities Balmertown, Cochenour, Madsen, McKenzie Island, Red Lake and Starratt-Olsen with a total population of over 4,000. The local economy and infrastructure is strongly focused on mineral exploration and the mining industry. Nearby communities readily provide supports services, equipment and skilled labour for both the mineral exploration and mining industry.

Red Lake Airport, (IATA: YRL, ICAO: CYRL), is located 5.6 km north of Red Lake, and 1 km south of the community of Cochenour. The airport serves as a point of call for air carriers offering scheduled passenger service; is an operating base for the Ontario Ministry of Natural Resources & Forestry; and services both private and commercial fixed-wing aircraft and helicopter operators located on site. The airport is classified in the Regional/Local category according to the National Airports Policy. Local air services connect to major airports in Winnipeg, Manitoba and Thunder Bay, Ontario. Vehicle rentals are available at the airport.

The City of Thunder Bay has government offices serving the Natural Resources and Mining sectors, and sources for exploration and mining machinery, supplies and expertise. As

the Property is partly within the community of Red Lake itself, hydroelectric, transportation, and water supply infrastructure are readily accessible.

### 3.3 Physiography

The topography of the project area is flat to gently rolling hills with local relief on the property ranging up to 20 metres. This relief is attributed to glacial deposits which drape the underlying bedrock. Distinct topographic features that stand out in relief are attributed to post-glacial drainage patterns, with low lying areas consisting of ponds, swamps and streams.

The property lies within the northern coniferous section of the boreal forest. Predominant tree species is black spruce but also includes tamarack, and cedar and birch with local stands of white birch, jack pine, red pine and poplar.

## 4.0 Regional Geology

The following description of the regional geology was taken from Sanborn-Barrie et al. (2004) and references therein.

The Hasaga property lies within the central portion of the Red Lake greenstone belt (RLGB) in northwestern Ontario. The RLGB is one of Canada's most productive gold mining districts producing over 20 million ounces of gold since the 1930's. The Red Lake belt evolved on the southern margin of the North Caribou terrane and records a long history of volcanic, sedimentary and intrusive activity from 3.0 to 2.7 Ga along with extensive tectonic deformation, hydrothermal alteration and gold mineralization. Regional metamorphic assemblages range from greenschist to amphibolite facies.

The Balmer Assemblage volcanics are the regions oldest rocks and host most of its gold deposits. This dominantly mafic sequence is comprised of tholeiitic to komatiitic basalts. Balmer Assemblage volcanics are Mesoproterozoic in age and typically interpreted as shallow subaqueous eruptions from 3.0 to 2.98 Ga. A sequence of felsic to intermediate calc-alkaline extrusive and pyroclastic units of the Ball Assemblage follows the Balmer Assemblage and is found exclusively in the NW part of the Red Lake belt. The Slate Bay Assemblage (2.9-2.85 Ga) is a clastic sedimentary sequence found throughout the belt and ranges from conglomerates, quartz arenite to wacke and mudstones. The contact with the older Balmer and Ball assemblage volcanics is a minor unconformity. The Bruce Channel Assemblage represents a thin sequence of calc-alkaline dacitic to pyroclastic rocks.

A regional unconformity, representing a 160-million-year gap in volcanic activity exists between the Confederation Assemblage and older volcanics. The Confederation

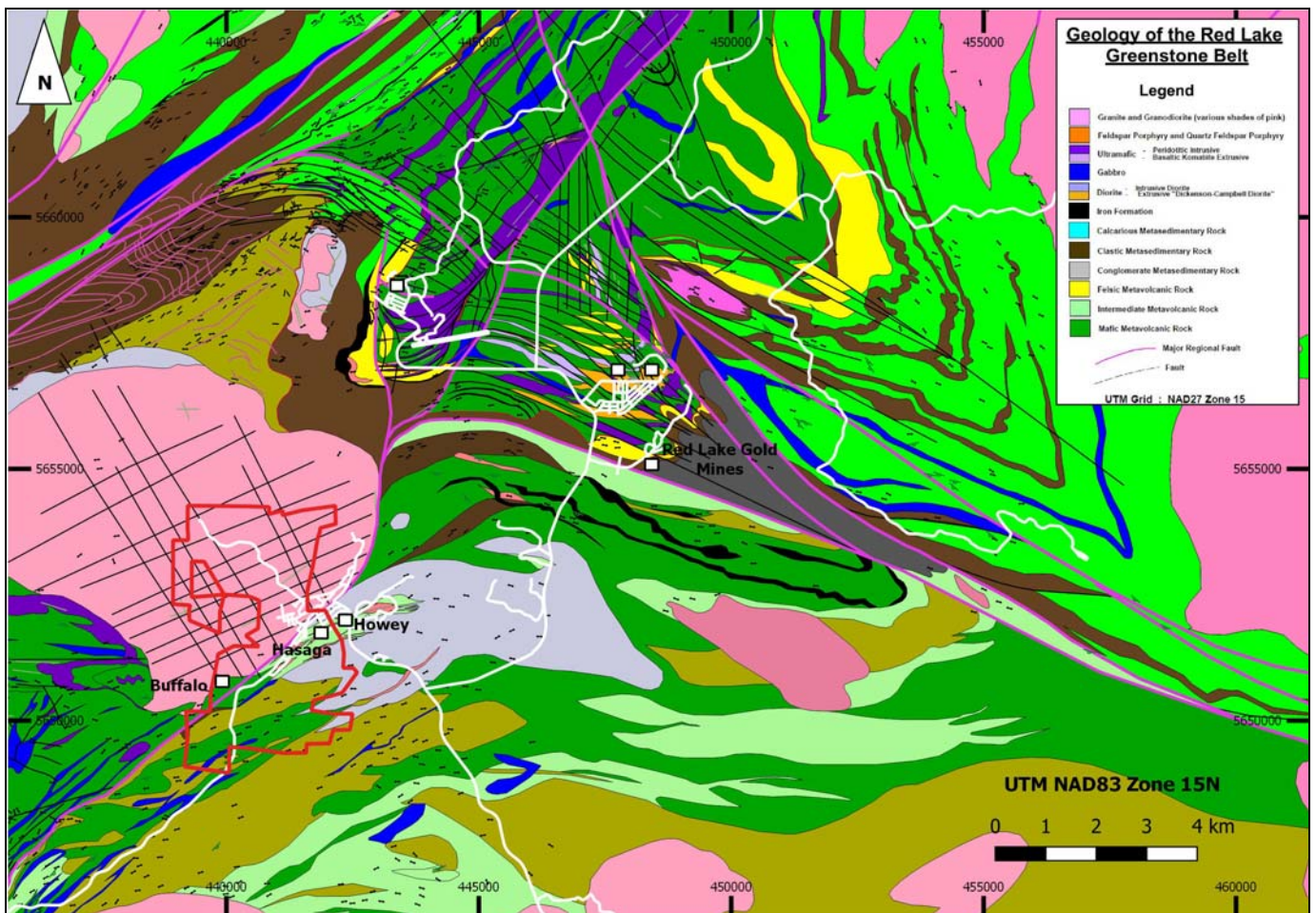
Assemblage (2.748 - 2.739 Ga) is a predominantly calc-alkaline volcanic sequence. The lower Confederation Assemblage, known as the McNeely group includes intermediate to mafic volcanic rock, and is overlain by felsic to intermediate tuff, lapilli tuff and massive to pillowed andesite. Minor interbedded sedimentary units have been reported. The McNeely group is overlain by the Heyson group, a tholeiitic volcanic sequence that includes a range of basalts (tholeiitic, pillowed and porphyritic), porphyritic andesite flows and dacitic tuffs.

Three phases of primarily granitoid plutonism are recognized in the Red Lake area. The first include the syn-volcanic Graves plutonic suite (2.736  $\pm$  3/-2 Ma to 2731  $\pm$  3/-2 Ma) of granodiorite, tonalite and quartz monzonite intrusions. The Graves plutonic suite is widespread in the western and northern parts of the Red Lake belt. The second plutonic phase is post volcanic and include major plutons proximal to the Red Lake townsite, including the Mackenzie Island (2.720  $\pm$  3 Ma) and Dome Stock (2.718.2  $\pm$  1.1 Ma) and Albino Granodiorite plutons. Also included in this second phase is a syn-tectonic quartz/feldspar porphyry Dyke swarm (possibly the Hasaga Porphyry), dated to 2714  $\pm$  4 Ma and located south of the Red Lake townsite. All ages are derived from U-Pb radiometric dating; see Sanborn-Barrie et al. (2004) and references therein. A third phase of late to post tectonic intrusions at approximately 2.7 Ma resulted in megacrystic granodiorite batholiths located in the western part of the Red Lake belt and include the Killala Baird Batholith, Medicine Stone Lake Batholith and Para Lake Stock.

The structural setting of the Red Lake Belt is comprised primarily of east trending, steeply dipping volcanic and metasedimentary sequences which records several phases of deformation (D<sub>0</sub>-D<sub>4</sub>). The earliest, non-penetrative deformation phase, D<sub>0</sub>, resulted in overturning of 2.99 Ga Balmer assemblage prior to the Neoproterozoic volcanism. The first stage of penetrative deformation, D<sub>1</sub>, occurred after 2.74 Ga volcanism and resulted in north trending, south plunging folds (F<sub>1</sub>) and related fabrics (S<sub>1</sub>/L<sub>1</sub>). Folds are belt developed in clastic rocks, while S<sub>1</sub> and L<sub>1</sub> fabrics are well preserved in all of the regional volcanic assemblages.

Superimposed over D<sub>1</sub> are D<sub>2</sub> structures which vary in their trend across the Belt. In the western and central belt, they are expressed as east to north-east trending structures (F<sub>2</sub>/S<sub>2</sub>/L<sub>2</sub>) while in the eastern Red Lake they are south-east trending which includes the Red Lake “mine trend” (figure 4). The Dome Stock (2.718.2  $\pm$  1.1 Ma) provides important constraints on the timing of D<sub>2</sub> deformation. It cross cuts rocks which contain strong S<sub>2</sub> fabrics, but contains only a weak NE striking foliation (co-planar to S<sub>2</sub>). These observations have led to the interpretation that the Dome Stock is syn-tectonic and post-dates the majority of D<sub>2</sub> deformation, recording only late episodes of shortening. D<sub>2</sub> strain has been interpreted as a collisional between the North Caribou Terrane and the Winnipeg River Sub province to the south. Regional metamorphic grade increases from greenschist in the central belt to amphibolite facies facies in the peripheries. Contact metamorphism is evident on the local scale, with isograds parallel to many of the region’s large intrusions.

At least two major episodes of gold mineralization are important in the Red Lake mining camp, believed to be related metamorphic orogenic and late plutonic activity. The first and most significant event is related to gold mineralization within sheared and carbonate altered tholeiitic basalts and komatiites of the Balmer Assemblage. This is the type of gold extracted from Red Lake and Campbell mines (figure 4). A second gold mineralization event near the Red Lake town site is associated with later shear related quartz ( $\pm$  tourmaline) veining. These are small narrow but laterally extensive veins within and proximal to felsic/intermediate intrusions. The Hasaga, Red Lake Goldshore and Howey mines (figure 4) extracted gold from this style mineralization event starting in the 1930's. The mineralization is related to the Flat Lake-Howey Bay Deformation Zone.



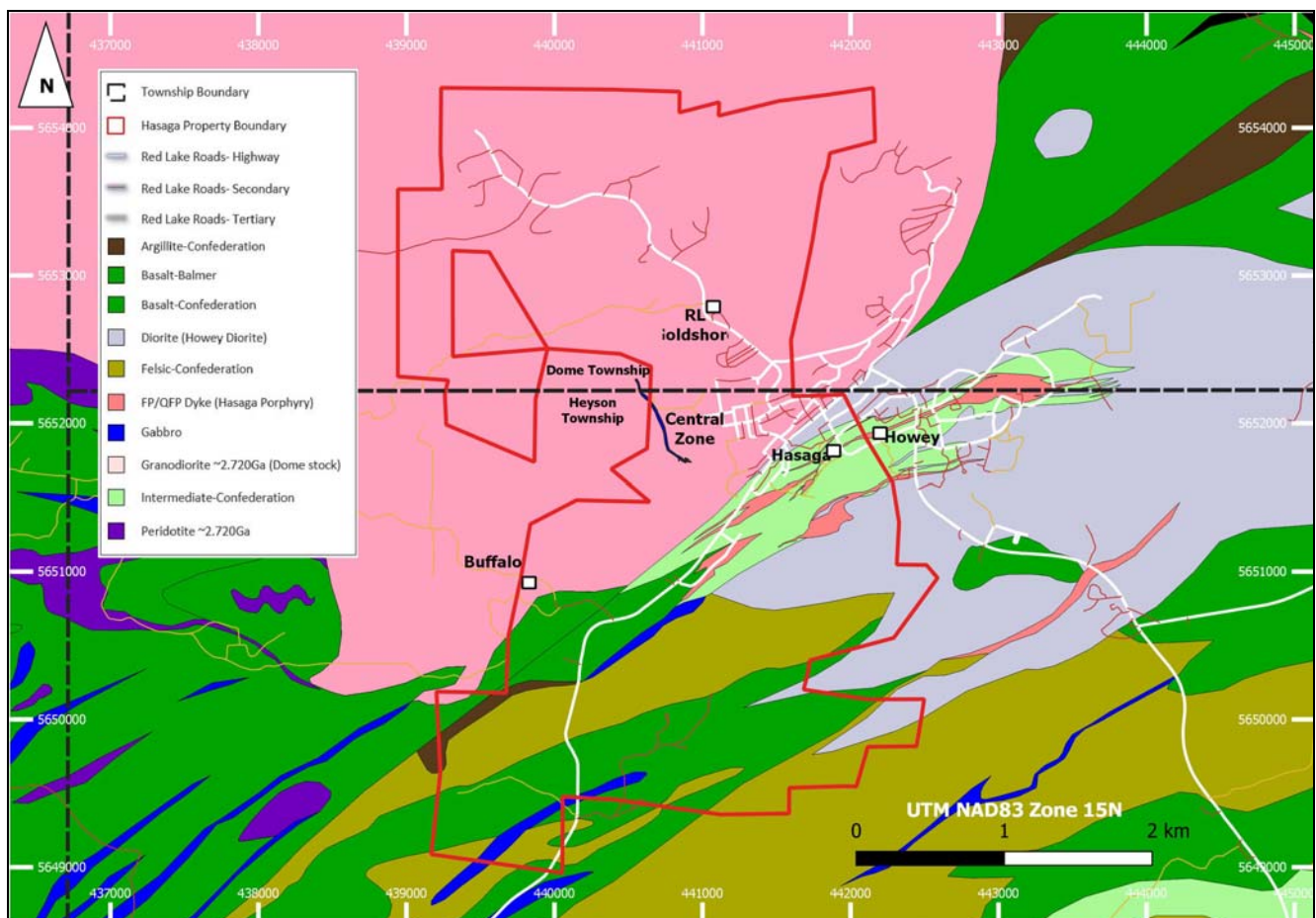
**Figure 4. Regional Geology Map (modified after Horwood, 1945; Sanborn-Barrie et al., 2004; and M. Epp regional mapping compilation)**



## 5.0 Property Geology and Mineralization

The following description of the property geology and mineralization is from field observations, DeGasperis (2017) and references therein.

The property contains four historic mining operations Red Lake Gold Shore, Skookum, Buffalo and Hasaga mines (Epp, 2013). The latter two are in the southern portion of the property and are of significant interest. Gold mineralization is found within quartz ± tourmaline veins with accessory pyrite and chalcopyrite. However, the host rocks differ with the Hasaga Mine mineralization hosted in a sheared quartz-feldspar porphyry dyke and the Buffalo Mine in the southern margin of the Dome stock granodiorite (Epp, 2013). The gold mineralization in the Skookum and Red Lake Gold Shore mines is also found within quartz ± tourmaline veins and are in the northern part of the Dome stock. Figure 5 shows the geology of



**Figure 5. Hasaga Property Geology Map (modified after Horwood, 1945; Sanborn-Barrie et al., 2004; and M. Epp regional mapping compilation)**

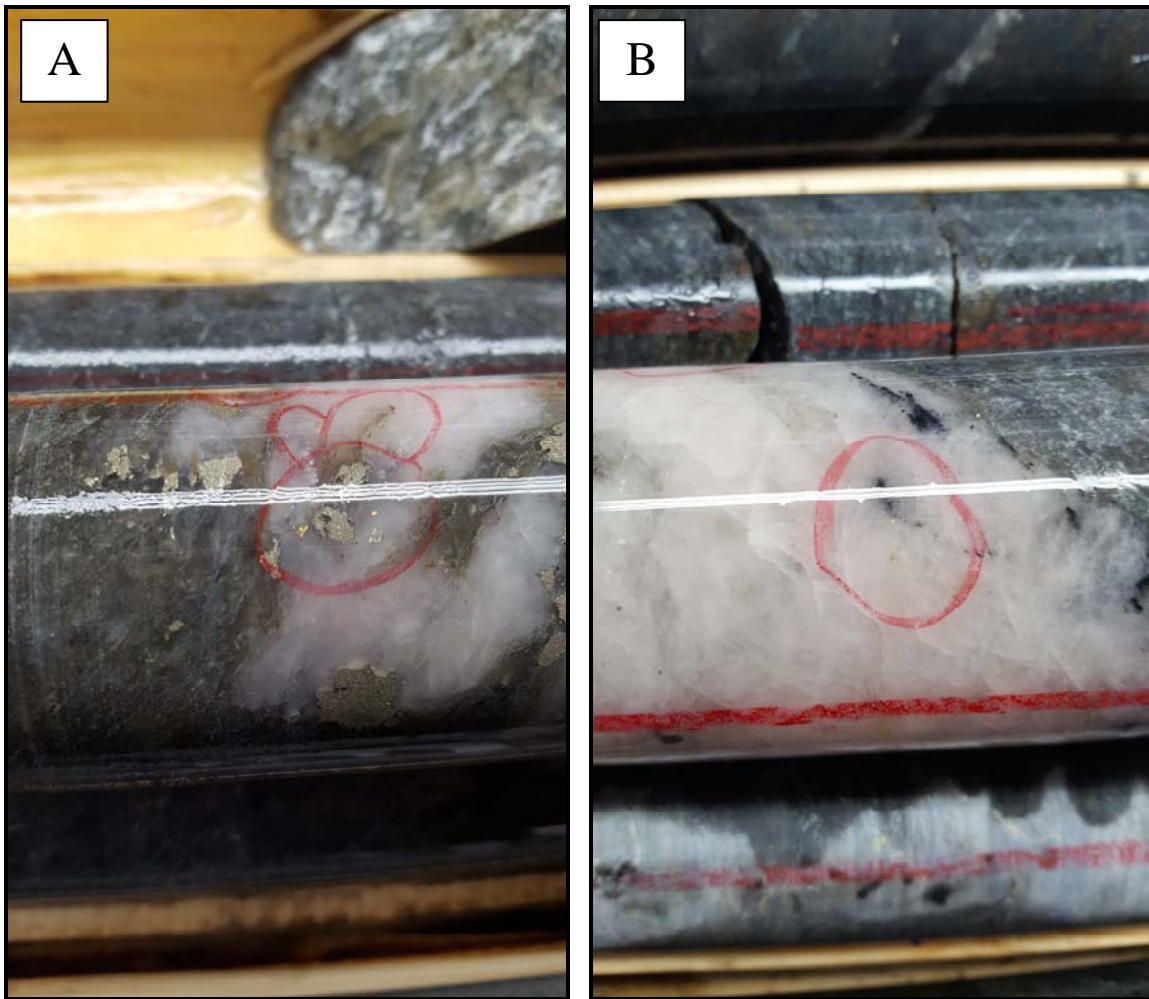
the Hasaga property with the approximate locations of the zones of interest, including the Hasaga zone, Central zone and Buffalo mine zone.

The southern part of the property lies to the east of the regional unconformity and is underlain by mafic to intermediate rocks of the Confederation assemblage, mainly the Heyson sequence. The Hasaga porphyry and Howey diorite intrusions are locally intruding this volcanic sequence. The Howey diorite intrusion is a subvolcanic tholeiitic intrusive that sourced the overlying Confederation flows and pyroclastics (Sanborn-Barrie et al., 2001, 2004).

The Dome stock granodiorite intrusion lies to the west of the regional unconformity and dominates most of the central and northern portions of the property. The  $2718.2 \pm 1.1$  Ma intrusion contains mafic volcanic xenoliths believed to be from the Balmer assemblage, which underlies the stock (Sanborn-Barrie et al., 2004; McCracken and Utiger, 2014). The north-northwest trending gabbroic Lavery dyke cross-cuts the Dome stock in the Central zone and therefore is a younger intrusion. The pre- to syn-D<sub>2</sub> intermediate to felsic Dome stock preserves weak S<sub>2</sub> foliation trending northeast-southwest. Whereas older adjacent volcanic assemblages (Balmer and Confederation) preserve stronger S<sub>2</sub> foliation (Sanborn-Barrie et al., 2004). Late-D<sub>2</sub> and D<sub>3</sub> are interpreted to be the main events that resulted in significant gold mineralization in the central RLGB (Pettigrew, 1999; Dubé et al., 2004; Epp, 2013). Furthermore, mineralization in both the Hasaga porphyry and the Dome stock may be related to two deformation zones, the Flat Lake-Howey Bay deformation zone and the Pipestone Bay-St. Paul Bay deformation zone (Sanborn-Barrie et al., 2000, 2001; Dubé et al., 2004). The intersection of these high strain corridors is suggested to lie within the Hasaga project, proximal to the Buffalo mine.

## 5.1 Hasaga Porphyry Mineralization

The Hasaga porphyry is a 3 to 50 meter wide quartz-feldspar porphyry dyke that cross-cuts the Howey diorite and intruded strongly sheared calc-alkaline Confederation volcanic rocks (Mather, 1937; Horwood, 1940; Epp, 2013). This subvertical, steeply north dipping dyke trends northeast-southwest, subparallel with the contacts of the volcanic rocks in which it is contained. Several mafic dykes have also been mapped and trend subparallel with the porphyry and volcanic rock contacts. Several faults near the historic Hasaga mine shafts trending north-northeast offset the mineralized porphyritic dyke. Ferguson (1968) describes left-lateral (sinistral) displacement of approximately 30 meters. The Hasaga porphyry dyke extends along strike to the Buffalo mine site proximal to the Dome stock (Epp, 2013). During the late 1940's quartz-tourmaline veins within the porphyry were mined at Buffalo. These quartz-tourmaline veins were northwest striking and steeply dipping narrow veins that contained mainly pyrite and chalcopyrite (Ferguson, 1968). Gold mineralization was also present in the wall rocks adjacent to the veins.



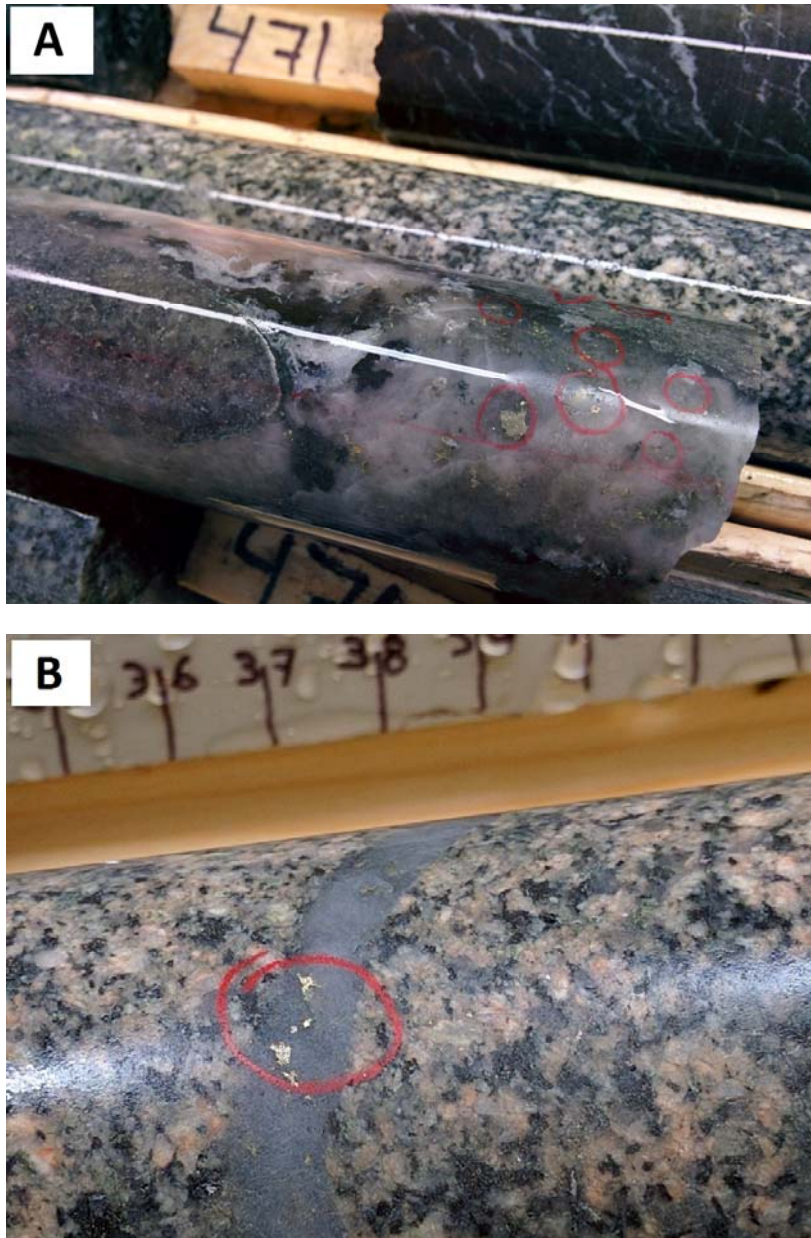
**Figure 6. A) Strong and pervasive sericitized Hasaga porphyry with visual gold in a quartz-carbonate-pyrite vein (HMP169w1); B) Visual gold in a quartz-tourmaline vein (HMP173w1) (from Hasaga 2018 core photos)**

After emplacement of the Hasaga porphyry deformation produced fracture zones that were filled with stringers, lenses, and irregular veins of quartz (Horwood, 1940). Mineralization in the Hasaga zone is characterized by intervals of strong silicification and sericitization of the wall rock (figure 6). Alteration is two-staged with an early phase of wide swaths of silica and sericite alteration. A later, more localized carbonate alteration event appears to be accompanied by a high density of quartz-tourmaline veins with fine to coarse pyrite, lesser chalcopyrite and local visible gold. This second alteration phase is best preserved in a late mafic dyke, named “old dyke” which cross-cuts sericite and silica alteration zones.

The mineralization is similar to the Howey mine, and the principal metallic minerals are pyrite and sphalerite with minor amounts of galena, and chalcopyrite. Gold mineralization is related to quartz veins and their contained sulphides, rarely in the associated wall rock (Horwood, 1940; Ferguson, 1968). Mather (1937) describes the Hasaga-quartz-feldspar porphyry and associated mineralization of the Howey mine from petrographic analysis. Thin sections show laths of plagioclase in a fine-grained groundmass of quartz, sodic oligoclase, accessory biotite and magnetite. Pyrite, quartz, chlorite and carbonate occur as hydrothermal alteration. Replacement of feldspars by quartz, carbonate and sericite, as well as replacement of biotite by sericite are believed to be associated with gold mineralization. Ore-bearing quartz-tourmaline and quartz-carbonate veins show only a small amount of replacement of the wall rocks since contacts are sharp and straight.

## 5.2 Dome stock mineralization

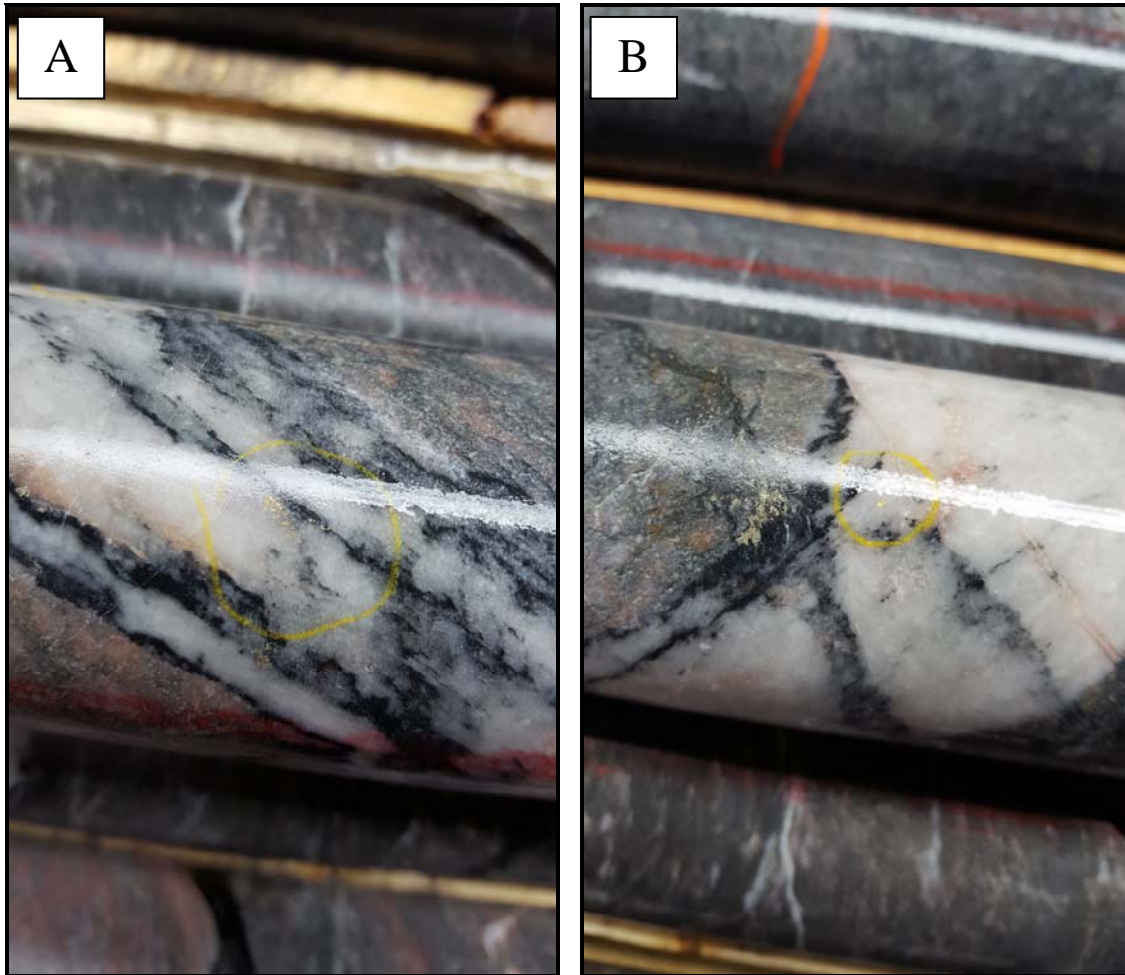
The Central zone and the Buffalo mine zone are the primary interests within the Dome stock, although exploration drilling to the north at the old Red Lake Gold Shore workings has returned some narrow high-grade intercepts. Mineralization in the main targets occurs in a series of conjugate vein sets with locally silicified and sericite altered granodiorite (Pettigrew, 1999). Potassic alteration is also common, more so in the Central zone. Whereas the Buffalo mine zone is mainly silicified and sericitized due to a local shear zone (Pettigrew, 1999; Epp, 2013). Drill core from the Central zone shows visible gold in glassy blue quartz-carbonate ± tourmaline ± pyrite ± chalcopyrite veins with silicified, sericitized and/or potassic altered granodiorite (figure 7). Trace molybdenite has also been observed in drill core and was also noted by McCracken and Utiger (2014). Significant mineralization also occurs within the north-northeast trending Lavery dyke (McCracken and Utiger, 2014). A petrographic study by Mega Precious Metals (2010) interprets the mineralization within the Dome stock and Lavery dyke. Their study suggests low-grade greenschist metamorphism with epidote-chlorite-biotite-albite-quartz subfacies. This is similar to Menard and Pattison (1998) interpretation that M<sub>3</sub> produced widespread alteration to chlorite-carbonate-epidote-sericite-albite greenschist facies. Harron and Puritch (2010) further concluded that free gold is associated with silicates, mainly mica, albite, K-feldspar, quartz and rarely as inclusions within sulphide minerals.



**Figure 7. A) Quartz-carbonate-tourmaline-pyrite vein with visual gold within silicified and sericite altered granodiorite (HLD-031); B) Quartz-carbonate-pyrite-chalcopyrite vein with visual gold within strong potassic altered granodiorite (HLD-060) (from Hasaga, 2016)**

The mineralization and structural setting at the Buffalo mine zone in the southern Dome stock were extensively studied by Menard et al. (1999) and Pettigrew (1999). Pettigrew (1999) suggests that gold was localized in quartz-tourmaline-pyrite-calcite veins (figure 8) during D<sub>3</sub> mylonite style deformation and associated retrograde metamorphism. Gold grades

have a strong correlation with the percentage of pyrite in the veins at the Buffalo deposit, with free gold deposited during or after pyrite in fractures and cavities of the pyrite grains (Pettigrew, 1999).



**Figure 8. Visual gold in quartz-tourmaline-calcite-pyrite veins from Buffalo. A) HMP168 at 287.1 m; B) HMP168 at 292.15 m (from Hasaga 2018 core photos)**

## 6.0 Exploration History

The Red Lake/Hasaga area has been explored for its precious metal potential since the early 1900's. The following summaries highlight the exploration history of the Project area, compiled from digital and analogue data obtained from the provincial office of the Ministry of Northern Development and Mines (MNDM), in Red Lake, Ontario. The land concessions that constitute the Hasaga Property per se, comprise an assortment of Mining Patents and Mining Leases. Assessment-work credits are not required to retain these types of tenured land concessions, so most of the exploration work that has been carried out on the Property has not been filed with MNDM.

### 6.1 Historic Exploration

- |           |  |
|-----------|--|
| 1936-1938 | 21, 100 ounces of gold was reportedly produced from the Red Lake Goldshore Mine.   |
| 1938-1953 | 218, 213 ounces of gold was produced from the combined Hasaga Mine projects. An estimated reserve of >50,000 ounces remains in a high-grade zone at depth.   |
| 1977      | An induced polarization and resistivity survey conducted by McPhar Geophysics on behalf of Cochenour Williams Gold Mines Ltd., covered claims 2139p and 2140p.   |
| 1987-1988 | Lac Minerals (Now Barrick Gold Corp.) conducted a property wide exploration program which included detailed-grid based geologic mapping, geophysical surveys, and a nine hole diamond drill program totaling approximately 5,000 m. Highlights include 1.49 g/t Au over 48.7m and 0.95g/t Au over 32.0m in Central Zone (KRL 1347P) and 8.0 g/t Au over 16.1m and 4.4 g/t Au over 10.4m in the Hasaga Zone (Gauthier, 1996). |
| 1996      | Barrick Gold Corp. compiled historic mining data and conducted a four hole, 2898m drill program, targeting the down-plunge extension of gold bearing stockwork veins in the Hasaga Mine. Results included 14 g/t Au over 2.1m and 2.59 g/t over 4.2m in the Hasaga Zone (Gauthier, 1996).  |
| 2013-2014 | Goldcorp Inc. conducted a property-wide geochemical study that comprised 70 lithological samples, collected at roughly 200 m centres. Analyses included gold and trace-element assays. Several 060° to 070° dipping structures were identified as potentially significant mineralization target structures, as they are compatible with structures exploited by historic mining projects.                                    |

## 6.2 Historic Development

Although there is presently no commercial production on the Property, there are several past-producing mines on the Property. The summary that follows is taken from Epp (2013):

**Skookum Mine-** Initial exploration on this property began in 1936 with a short shaft being sunk to 170 feet in the summer of 1937; however, no lateral development was extended from this shaft. Structures of interest were the moderately well-developed sub-vertical shears trending  $070^{\circ}$  that are frequently intruded by granodiorite and mafic dykes, and narrow, sub-vertical quartz veins that trend towards  $150^{\circ}$  (Horwood, 1945). The southeasterly trending quartz vein (white to bluish grey with a glassy texture), carried most of the noted gold and tended to be less than six inches wide. The veins contain only minor pyrite and chalcopyrite with local visible free gold.

**Red Lake Goldshore Mine-** Hosted in granodiorite, in the central part of the Dome Stock, and in production from 1936 to 1938, this mine produced 21,100 ounces at 0.244 ounces per ton (oz/t). The main mineralization zone was pipe-shaped, with the strongest mineralization occurring at the intersection of two different generations of shear zones (Horwood, 1945 and Ferguson, 1966). The older shear dips  $75^{\circ}$  towards  $045^{\circ}$  whereas the younger shear dips  $80^{\circ}$  towards  $130^{\circ}$ . The main mineralized zone consisted of 5 to 30-foot-wide quartz veins having strike lengths of 50 to 150 feet. The veins themselves comprised quartz with minor pyrite and chalcopyrite, with even rarer sphalerite, tetrahedrite, altaite and free gold. Underground development consisted of a 700-foot shaft with five developed levels and an internal winze down to 1000 feet, with two additional developed levels. A 125 ton/day mill was constructed to support production. Ore grades were enriched on surface by hand sorting of the ore material, removing approximately 20% waste material from the mill feed. Once the ore resource on this property was depleted in 1938, the Hasaga Mine purchased the patented ground and all assets specifically to obtain ownership of the Gold Shore milling facilities.

**Hasaga Mine-** Originally staked in 1928, the Hasaga Mine was in production from 1938 to 1952, producing 218,213 ounces at an average grade of 0.144 oz/t. Ore being skipped to surface was also “hand cobbled” removing about 20% waste tonnage from the mill feed, and was then trucked to the milling facilities located at the old Red Lake Goldshore Mine. Production came from two closely situated shafts in the northeast of the property; however, a third exploration shaft was driven to explore the potential for ore to the southwest. Underground excavations were quite extensive with the deepest shaft (No. 3 Shaft) reaching a depth of 2,450 feet with 14 established levels and stope panels of 500 to 600 feet in strike length. Mineralization at the Hasaga Mine was nearly identical to that at the Howey Mine situated immediately to the east and consisted of a fractured and mineralized quartz porphyry dyke that intruded intensely





sheared, intermediate, calc-alkaline volcanic rock. This mineralized porphyry dyke generally dips 85° towards 155° and can vary in widths from 10 to 150 feet. The highest grades occurred within the narrower (10 to 40 feet wide) parts of the dyke. Gold occurred within fracture veins consisting of bluish white quartz, black tourmaline, coarse pyrite and minor amounts of other sulphides including sphalerite, galena, chalcopyrite and tellurides. Visible gold is generally not apparent.

**Buffalo Red Lake Mine-** The Buffalo Deposit occurs along the southern edge of the Dome Stock, immediately west of the former patented Hasaga Mine property. The deposit was initially staked in 1925, with sufficient drilling and striping work being done up to 1931 to patent the claims. Initial underground exploration work started in 1947 to 1948 and focused on narrow quartz-tourmaline (+/-coarse pyrite) veins in tectonized quartz porphyry dykes intruding sheared greenstones, similar to mineralization found at the Howey and Hasaga mines located to the east. Though these veins often had high gold content, the volume of vein material was not high enough to be economic at the time. Later, in the early 1980's and late 1990's work shifted to quartz-tourmaline veining contained within granodiorite of the southern Dome Stock. These veins were also narrow quartz, tourmaline and pyrite dominated, frequently occurring with pinkish carbonate alteration halos within grey granodiorite. A decline was driven from surface to access small tonnage stopes; however, due to narrow vein widths and excessive mining dilution, this mineralization was found to be uneconomic as well. Ore from this phase of mining was trucked and processed at the nearby Madsen Mine.

## 7.0 Diamond Drill Program

A 19,316-meter diamond drill program was carried out on patented claims PAT-6714, PAT-6715, PAT-6720, PAT-652619, PAT-52620 and PAT-52628. Chibougamau Diamond Drilling was contracted to provide two diamond drills for the exploration program. The drill program commenced on January 23 and ended on July 15, 2018. A total of 28 drill holes were completed, of which 19 were new (“mother”) holes and 9 were wedged (“daughter”) holes. Wedge holes are denoted with a “w”, for example HMP176w1. Three of the 28 drill holes targeted the Buffalo Mine Zone at depth and the rest of the drill holes targeted the Hasaga Porphyry Zone at depth. The objectives of the 2018 drilling program were to define and expand the Hasaga C-zone, step out and test the Hasaga D-zone, and test the Buffalo Mine zone at depth. Drill hole intercepts for 2017 and 2018 within the C and D zones can be seen in figure 9. The 2018 drilling infilled and expanded on the 2017 drilling within the C-zone, allowing the Company to generate an inferred internal mineral inventory. The shallow D-zone drilling followed up with HMP162, drilled in 2017, and targeted the down plunge potential from the

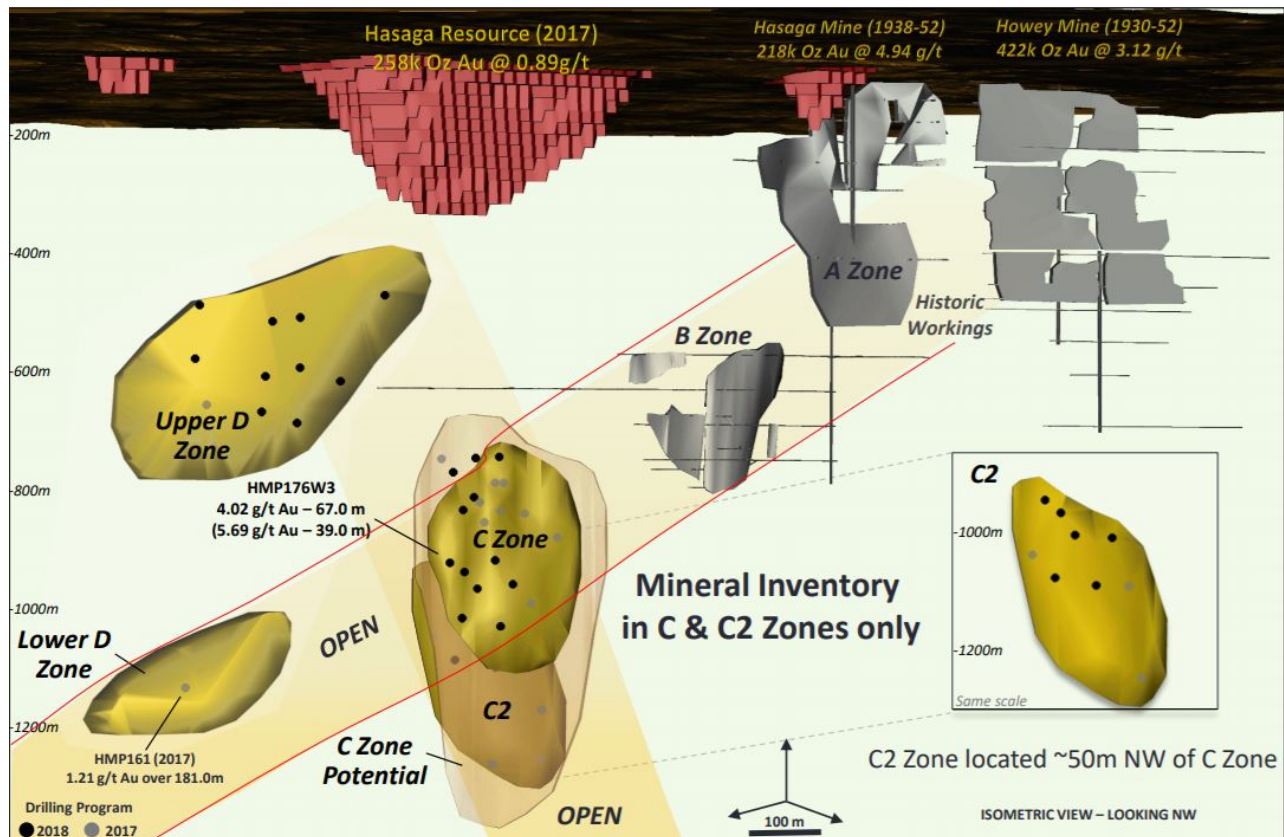


Figure 9. Longitudinal Isometric View Looking NW highlighting the 2018 drilling of the C and D zone.

2017 mineral resource estimate within the Hasaga mine zone.

Overall the 2018 drill program was a success in meeting the outlined objectives. The drilling of the C-zone outlined significant mineralization at depth, between 700-1200 meters. An example of a 2018 drill intercept is highlighted in figure 9, hole HMP176w3: 4.02 g/t Au over 67.0 m and included 5.69 g/t Au over 39.0 m. Further information on the results of the 2018 drill program can be found in press releases on the Company website ([www.premiergoldmines.com/](http://www.premiergoldmines.com/)) and in the appendices section of this report.

Drill hole logs and down-hole surveys can be found in Appendix A and B, with accompanying invoices in Appendix C. Assay certificates and invoices are in Appendix D and E. A map showing diamond drill collar locations and outlining reference lines of the vertical

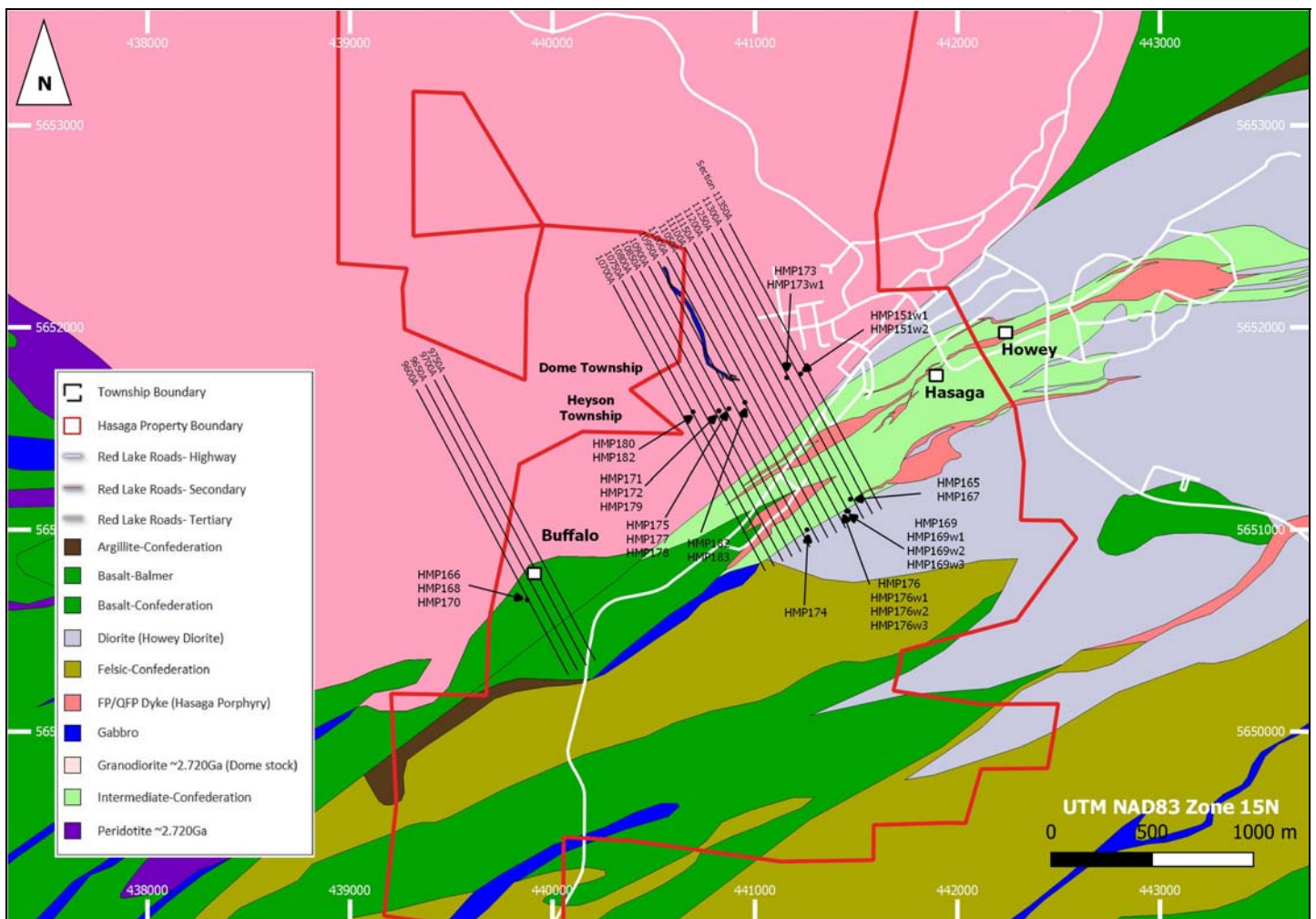


Figure 10. Property Geology Map with Drill hole collar and vertical section locations.

sections are included in Figure 10. The vertical cross-sections can be found in Appendix F. Table

3 lists all the 2018 drill holes. Miscellaneous of the Hasaga property area can be found in Appendix G.

All drill core was NQ in size and selectively sampled by geologists. Samples were either 1 or 1.5m in length and cut in half lengthwise by diamond blades. One half of the cut core was sent to Activation Laboratories (Actlabs) in Dryden, Ontario. All drill core sampled was assayed for Gold by fire assay with a AA finish. If this first assay exceeded a 3 g/t Au AA cut-off threshold, the sample was then rerun using a gravimetric finish. Quality control samples were inserted into the sampling stream for all diamond drilling conducted. For every batch of 24

**Table 3. List of the 2018 Diamond Drill holes.**

Hole ID	UTM - East	UTM - North	Elevation	Azimuth	Dip	Claim	Length (m)	Numer of Samples	Numer of QAQC Samples
HMP151w1	441225.8	5651769.7	380.6	146.63	-80.4	PAT-52616	324.5	68	9
HMP151w2	441225.8	5651769.7	380.6	146.63	-80.4	PAT-52616	405.4	117	16
HMP165	441470.6	5651151.4	383.8	337	-62	PAT-52628	753	110	16
HMP166	439874.8	5650652.6	359.9	20	-68	PAT-6720	516	306	42
HMP167	441470.7	5651151.8	385.3	337	-70	PAT-52628	858	56	8
HMP168	439875.2	5650652.1	359.7	5	-68	PAT-6720	497	253	36
HMP169	441460.8	5651091.9	380.4	338.5	-77	PAT-52628	1317	289	41
HMP169w1	441460.8	5651091.9	380.4	338.5	-77	PAT-52628	549	157	23
HMP169w2	441460.8	5651091.9	380.4	338.5	-77	PAT-52628	391.6	0	0
HMP169w3	441460.8	5651091.9	380.4	338.5	-77	PAT-52628	622.5	126	17
HMP170	439875.5	5650653.2	359.1	345	-75	PAT-6720	549	257	37
HMP171	440822.3	5651587.4	383.2	148	-70	PAT-6714	789	212	30
HMP172	440822.3	5651585.3	380	148	-65	PAT-6714	750	214	31
HMP173	441156.7	5651750.7	381.6	146.5	-80	PAT-52616	894	144	21
HMP173w1	441156.7	5651750.7	381.6	146.5	-80	PAT-52616	337	120	17
HMP174	441256.6	5651000.4	387.7	310	-73	PAT-52619	1143	257	36
HMP175	440870.8	5651597.4	385.7	147.1	-72	PAT-6714	789	195	28
HMP176	441452.6	5651092.7	382.6	330	-77	PAT-52628	1299	285	41
HMP176w1	441452.6	5651092.7	382.6	330	-77	PAT-52628	508.5	183	26
HMP176w2	441452.6	5651092.7	382.6	330	-77	PAT-52628	601.5	171	24
HMP176w3	441452.6	5651092.7	382.6	330	-77	PAT-52628	615	143	21
HMP177	440870.7	5651597.2	385.5	147	-66	PAT-6714	708	203	29
HMP178	440871.1	5651597.1	384.2	147	-60	PAT-6714	648	212	30
HMP179	440820.1	5651586.5	382.9	147.5	-61	PAT-6714	708	228	33
HMP180	440694.1	5651581.3	385.6	154.7	-60	PAT-6714	759	186	26
HMP181	440694.2	5651581.1	385.9	154.7	-54	PAT-6714	674	104	15
HMP182	440949.4	5651628.9	384.4	146	-68	PAT-52628	705	161	23
HMP183	440950.6	5651627.4	385.7	138	-55	PAT-52628	626.4	162	23

samples, one standard, one blank and one duplicate were used. Quality control verification of datasets from is ongoing. The remaining half of the cut drill core was kept in the core boxes on site at the Company's core shack and core storage area in Red Lake, Ontario.

## 8.0 Conclusions and Recommendations

The 2018 diamond drill program conducted on the Hasaga Property achieved excellent drill intercept results, primarily within the C-zone. The drill program was successful in accomplishing the 2018 project objectives. As outlined in the previous section, these objectives were to infill and expand the C-zone, step out and test the D-zone, and test the Buffalo Mine zone at depth. The program budget was weighted more towards defining the C-zone and testing the shallow D-zone. One of the highlight intercepts of the 2018 drill program was in hole HMP176w1 with 4.02 g/t Au over 67.0 m, including 5.69 g/t Au over 39.0 m. This intercept is a good representation of the C-zone mineralization as multiple drill intercepts in 2017 and 2018 achieved similar results. This demonstrates the Hasaga project, within the Hasaga Porphyry, has significant exploration potential.

Follow up drilling is proposed to test the down plunge mineralization along the A-B-C-D trend, focusing on the area between the C and lower D zones. Further step out drilling is recommended along the 1.6 km trend between the C-D zones and the Buffalo Mine zone. The cost of a drill program to test these targets would require more than a \$2 million (CAD) budget, drilling more than 10 km.

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## Statement of Qualifications

I, Matthew DeGasperis, of 38 Conway Lane, London, Ontario, do hereby certify that:

1. I hold an **Honours Bachelor of Science Degree in Geology (2017)** from Western University, London, Ontario;
2. I have practiced my profession in Ontario and am a member of the Association of Professional Geoscientists of Ontario (APGO) as a Geoscientist-In-Training (G.I.T.);
3. I have been an employee of Premier Gold Mines Limited, Northwestern Ontario division (NWO), based in Thunder Bay, Ontario, for over 1 year;
4. I have supervised the Hasaga Property 2018 diamond drill program and have worked on similar previous drill programs on the property. I consider this report to be accurate in all respects;
5. I have no personal interest in any of the mining claims pertaining to this report;
6. Permission is granted to Premier Gold Mines Limited to use this report in all legality.

**Dated: November 8 of 2018 in Thunder Bay, Ontario.**



Matthew DeGasperis  
Project Geologist  
Hasaga Project  
Premier Gold Mines Limited



## Statement of Qualifications

I, Mark Epp, of 225 College Street, Thunder Bay, Ontario, do hereby certify that:

1. I hold a **Bachelor of Science Degree in Geology (1989)** from Carleton University, Ottawa, Ontario, and a **Master of Science Degree in Geology (1997)** from McMaster University, Hamilton, Ontario;
2. I have practiced my profession in Ontario, Quebec and the Northwest Territories since 1987 and have been employed directly by several large mining and exploration companies as well as the Ontario Geological Survey;
3. I have been an employee of Premier Gold Mines Limited, based in Thunder Bay, Ontario, for one and a half years and am currently working in the position of Senior Geologist, Technical Services;
4. I visited the property on several occasions during the 2018 drilling program;
5. I have supervised and managed numerous diamond drill programs at numerous localities. I consider this report to be accurate in all respects;
6. I have no personal interest in any of the mining claims pertaining to this report;
7. Permission is granted to Premier Gold Mines Limited to use this report in all legality.

**Date: January 25th of 2019 in Thunder Bay, Ontario.**



Mark Epp  
Senior Geologist, Technical Services  
Premier Gold Mines Limited  
Thunder Bay, Ontario



## Appendices



## **Appendix A: Drill Logs**

**Drill hole collar information and actual lengths drilled.**

DDH	Project	UTM - East	UTM - North	UTM - Elevation	Azimuth	Dip	Start Date	End Date	Drill Length (m)	Depth (m)
HMP151w1	HASAGA_2018	441225.8	5651769.7	380.6	146.63	-80.4	23/03/2018	30/03/2018	325.0	822.0
HMP151w2	HASAGA_2018	441225.8	5651769.7	380.6	146.63	-80.4	31/03/2018	07/04/2018	406.0	882.0
HMP165	HASAGA_2018	441470.6	5651151.4	383.8	337	-62	23/01/2018	03/02/2018	753.0	753.0
HMP166	HASAGA_2018	439874.8	5650652.6	359.9	20	-68	31/01/2018	07/02/2018	516.0	516.0
HMP167	HASAGA_2018	441470.7	5651151.8	385.3	337	-70	03/02/2018	13/02/2018	858.0	858.0
HMP168	HASAGA_2018	439875.2	5650652.1	359.7	5	-68	08/02/2018	14/02/2018	497.0	497.0
HMP169	HASAGA_2018	441460.8	5651091.9	380.4	338.5	-77	13/02/2018	06/03/2018	1,317.0	1,317.0
HMP169w1	HASAGA_2018	441460.8	5651091.9	380.4	338.5	-77	12/03/2018	23/03/2018	537.0	1,137.0
HMP169w2	HASAGA_2018	441460.8	5651091.9	380.4	338.5	-77	23/03/2018	02/04/2018	391.6	887.6
HMP169w3	HASAGA_2018	441460.8	5651091.9	380.4	338.5	-77	05/04/2018	15/04/2018	623.0	1,098.0
HMP170	HASAGA_2018	439875.5	5650653.2	359.1	345	-75	14/02/2018	21/02/2018	549.0	549.0
HMP171	HASAGA_2018	440822.3	5651587.4	383.2	148	-70	22/02/2018	09/03/2018	789.0	789.0
HMP172	HASAGA_2018	440822.3	5651585.3	380	148	-65	09/03/2018	20/03/2018	750.0	750.0
HMP173	HASAGA_2018	441156.7	5651750.7	381.6	146.5	-80	08/04/2018	21/04/2018	894.0	894.0
HMP173w1	HASAGA_2018	441156.7	5651750.7	381.6	146.5	-80	22/04/2018	30/04/2018	337.0	849.0
HMP174	HASAGA_2018	441256.6	5651000.4	387.7	310	-73	15/04/2018	05/05/2018	1,143.0	1,143.0
HMP175	HASAGA_2018	440870.8	5651597.4	385.7	147.1	-72	01/05/2018	09/05/2018	789.0	789.0
HMP176	HASAGA_2018	441452.6	5651092.7	382.6	330	-77	06/05/2018	24/05/2018	1,299.0	1,299.0
HMP176w1	HASAGA_2018	441452.6	5651092.7	382.6	330	-77	25/05/2018	10/06/2018	508.0	1,158.0
HMP176w2	HASAGA_2018	441452.6	5651092.7	382.6	330	-77	11/06/2018	23/06/2018	601.0	1,146.0
HMP176w3	HASAGA_2018	441452.6	5651092.7	382.6	330	-77	24/06/2018	10/07/2018	614.0	1,089.0
HMP177	HASAGA_2018	440870.7	5651597.2	385.5	147	-66	13/05/2018	21/05/2018	708.0	708.0
HMP178	HASAGA_2018	440871.1	5651597.1	384.2	147	-60	21/05/2018	30/05/2018	648.0	648.0
HMP179	HASAGA_2018	440820.1	5651586.5	382.9	147.5	-61	31/05/2018	10/06/2018	708.0	708.0
HMP180	HASAGA_2018	440694.1	5651581.3	385.6	154.7	-60	11/06/2018	19/06/2018	759.0	759.0
HMP181	HASAGA_2018	440694.2	5651581.1	385.9	154.7	-54	20/06/2018	27/06/2018	674.0	674.0
HMP182	HASAGA_2018	440949.4	5651628.9	384.4	146	-68	27/06/2018	06/07/2018	705.0	705.0
HMP183	HASAGA_2018	440950.6	5651627.4	385.7	138	-55	06/07/2018	15/07/2018	626.4	626.4

**Total Metres Drilled: 19,325.0**

Holes high-lighted in yellow were wedged off of parent holes

Code	Abbreviation	Name
<b>Rock Code</b>	BIF	Banded Iron Formation
	CS	Casing
	E0	Ultramafic Volcanics
	E1	Mafic Volcanics
	E1P	Basalt Pillowed
	E1T	Mafic Tuff
	E2	Intermediate Volcanics
	E2HF	Andesite Hydrolic Fractured
	E2P	Andesite Pillowed
	E2T	Intermediate Tuff
	E3	Felsic Volcanics
	E3T	Felsic Tuff
	E3TQF	Quartz-Felspar Tuff
	ET	Tuff
	EX	Volcanic Breccia
	I0	Ultramafic Intrusive
	I0P	Pyroxenite
	I1	Mafic Intrusive
	I1L	Laverty Dyke
	I1O	Old dyke
	I2	Intermediate Intrusive
	I2HD	Howey Diorite
	I3	Felsic Intrusive
	I3B	Buffalo Porphyry
	I3DS	Granodiorite Dome Stock
	I3HP	Hasaga Porphyry
	I3SQ	Quartz Syenite
	LC	Lost Core
	MO	Mine Opening
	OB	Overburden
	OT	Other or Undefined Rock
	PRD	Previously Drilled
<b>Rock Qualification</b>	CHM	Chilled Margin
	CRX	Crystal
	FTX	Flow Top Breccia
	LAP	Lapilli
	MAS	Massive
	PIL	Pillowed
	POR	Porphyritic
<b>Alteration Code</b>	BLE	Bleaching
	CRB	Carbonate

	EPD	Epidote
	FUC	Fuchsite
	GPH	Graphite
	GRN	Garnet
	HEM	Hematite
	KFP	K-Feldspar
	TLC	Talc
<b>Alteration Type</b>	BLE	Bleached
	FRT	Fracture controlled
	PAT	Patchy
	PER	Pervasive
	SPE	Semi-pervasive
<b>Colour Code</b>	BGD	Beige - Dark
	BGM	Beige - Medium
	BGP	Beige - Pale
	BK	Black
	BLD	Blue - Dark
	BLM	Blue - Medium
	BLP	Blue - Pale
	GND	Green - Dark
	GNM	Green - Medium
	GNP	Green - Pale
	GRD	Grey - Dark
	GRM	Grey - Medium
	GRP	Grey - Pale
	PIN	Pink
	RED	Reddish
	SAP	Salt and pepper
	WHT	White
	YEL	Yellow
	SHD	Sheared
<b>Grain Size</b>	AP	Aphanitic
	CG	Coarse Grained
	FG	Fine Grained
	MG	Medium Grained
<b>Structure Intensity</b>	M	Moderate
	S	Strong
	W	Weak
<b>Sturcture Code</b>	BAN	Banded
	BRX	Breccia
	CRN	Crenulation Cleavage
	CTC	Contact
	FLD	Folded

	FLT	Fault
	FOL	Foliation
	FRC	Fracture
	JNT	Joint
	LIN	Lineation
	SHD	Shear Zone
<b>Vein Code</b>	V	Undefined Vein
	V1	Carbonate Vein
	V2	Quartz-Carbonate Vein
	V3	Quartz Vein
	V4	Magnetite Vein
	V5	Sulphide Vein
	V6	Chlorite Vein
	V7	Tourmaline vein
	BRX	Brecciated
	EXT	Extensional
	MAS	Massive
	SHR	Shear
	STR	Stringer
	STW	Stockwork
	BOU	Boudinaged
	CRN	Crenulated
	FLD	Folded
<b>Mineral Codes</b>	CPY	Chalcopyrite
	PY	Pyrite
	MG	Magnetite
	AU	Gold
	PO	Pyrrhotite
	GA	Galena
	MO	Molybdenite
	SP	Sphalerite
	CU	Copper
<b>Mineral Habit</b>	DIS	Disseminated
	BLB	Blebbly
	STR	Stringer
	FLK	Flake
<b>Workplace Code</b>	BUFFALO	BUFFALO MINE
	CENTRAL	CENTRAL ZONE
	HASAGA	HASAGA ZONE
	HASAGA_UG	HASAGA ZONE
	NORTH GATE	NORTH GATE

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP151w1	Claims title:	K1375 (PAT-52616)	Section:	11250A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Matthew DeGasperis	Start date:	23/03/2018	Description date:	23/03/2018
		End date:	30/03/2018		
<b>Collar</b>					
			UTM		
Azimuth:	146.63°	East	441225.80		
Dip:	-80.40°	North	5651769.70		
Length:	822.00	Elevation	380.60		
Number of samples:	68				
Number of QAQC samples:	9				
Total sampled length:	81.00				
<b>Description:</b>					
Drilling complete					
Two wedges set;					
1st wedge @ 497m at 3 o'clock					
2nd wedge @ 523m at 3 o'clock					
3m round barrels used with double shell. Went right but too a ton of lift. The lift partly because of wedges set at 3 oclock is assumed. Set HMP151w2 at 4-5					
Core size: NQ		Cemented: No		Stored: No	



# Premier Gold Mines NWO Inc.

oclock helped with major lift.

Core size: NQ

Cemented: No

Stored: No

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
497.50 625.30 E1 MAS FOL W FG GRD volcanics 625.30 641.70 E1T 80 LAP FOL M MG GRM lapilli tuff with fragments. Moderate foliation of mafic minerals (maybe magnetite?) 641.70 654.10 E1 40 MAS FOL W FG GRM volcanics 654.10 670.90 E1T 40 LAP FRC W MG GRM lapilli tuff with fragments. alignment of mafic minerals maybe magnetite	520.80 521.20 I1 76 CHM FOL S FG GNM 634.40 634.90 I1 60 MAS FG GNM chlorite altered looking

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
670.90 695.80 E1	
60	
MAS	
FOL	
M	
FG	
GRD	
volcanics	
695.80 704.60 E2	
60	
MAS	
MG	
GRM	
andesite. grain coarsening down hole (fine grained to coarse grained).	
704.60 709.70 E1	
60	
MAS	
FOL	
W	
MG	
GRM	
volcanics	
709.70 725.50 I3HP	719.40 719.60 I1
65	60
POR	MAS
FOL	FG
W	GRD
FG	
GRM	
hasaga porphyry	
725.50 729.50 E1	
65	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>MAS  FOL  M  FG  GRD  mafic volcanics. note the presence of pyrite  729.50 734.40 I3HP  65  POR  FOL  W  FG  GRM  hasaga porphyry  734.40 736.20 E1  60  MAS  FOL  M  MG  GRM  volcanics  736.20 739.60 I3HP  80  POR  FOL  W  MG  GRM  hasaga porphyry  739.60 740.35 E1  80</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>MAS  FOL  W  FG  GRD  volcanics  740.35 740.75 I3HP  80  POR  FOL  W  FG  GRM  hasaga porphyry  740.75 742.00 E1  65  MAS  FOL  W  FG  GRD  mafic volcanics  742.00 742.80 I3HP  30  POR  FOL  M  MG  GRM  hasaga porhyry  742.80 743.85 I1O  35</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>CHM  FOL  S  MG  BK  porphyritic mafic dyke. strong foliation parallel to contact  743.85 744.45 E1  50  MAS  FOL  M  MG  GRM  mafic volcanics with slightly more foliation than typically seen. clear alignment  of mafic minerals  744.45 747.90 I3HP  52  POR  FOL  W  FG  GNM  hasaga porphyry  747.90 748.20 E1  45  MAS  FOL  M  MG  GRM  mafic volcanics. Slightly more foliated than when in the heart of the volcanic  units  748.20 749.30 I3HP</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>60                      POR                      FOL                      W                      FG                      GRM                      hasaga porphyry                      749.30 761.90 E1                      65                      MAS                      FOL                      W                      FG                      BLD                      mafic volcnics                      761.90 762.30 E2                      55                      MAS                      FOL                      W                      MG                      GNM                      intermediaсте volcanics slightly bleached and altered                      762.30 763.10 I1O                      55                      CHM                      FOL                      S                      MG                      BK                      resembles old dyke. slightly more green than expected but similar tecture and                      foliation                      763.10 772.00 E1</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
45 MAS FOL W FG GRD mafic volcanics. typical carbonate fractures 772.00 777.60 E2	
50 MAS FOL W FG GRM intermediate volcanics 777.60 787.30 E1	
45 MAS FOL W FG GRD mafic volcanics 787.30 791.00 E1T	
55 LAP FRC W MG GRM lapilli tuff 791.00 798.10 E1	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>70 MAS FOL W FG GRD mafic volcanics 798.10 808.65 E1T 45 FOL W MG GRM tuff with no visible lapilli. no frangments visible 808.65 819.90 E1 45 MAS FOL W FG GRD mafic volcanics 819.90 822.00 E1T 45 MG GRM tuff</p>	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
690.00	691.50	1.50	1118919	0.012	
691.50	693.00	1.50	1118920	0.003	
693.00	694.50	1.50	1118921	0.009	
694.50	696.00	1.50	1118922	0.008	
696.00	697.50	1.50	1118923	0.005	
697.50	699.00	1.50	1118925	0.009	
699.00	700.50	1.50	1118926	0.008	
700.50	702.00	1.50	1118927	0.010	
702.00	703.50	1.50	1118928	0.013	
703.50	705.00	1.50	1118929	0.011	
705.00	706.50	1.50	1118930	0.025	
706.50	708.00	1.50	1118931	0.051	
708.00	709.00	1.00	1118933	0.019	
709.00	710.00	1.00	1118934	0.007	
710.00	711.00	1.00	1118935	0.030	
711.00	712.00	1.00	1118936	0.048	
712.00	713.00	1.00	1118937	0.240	
713.00	714.00	1.00	1118938	0.499	
714.00	715.00	1.00	1118939	1.450	
715.00	716.00	1.00	1118941	0.087	
716.00	717.00	1.00	1118942	0.120	
717.00	718.00	1.00	1118943	0.191	
718.00	719.00	1.00	1118944	0.183	
719.00	720.00	1.00	1118945	0.542	
720.00	721.00	1.00	1118946	0.215	
721.00	722.00	1.00	1118947	0.175	
722.00	723.00	1.00	1118949	0.152	
723.00	724.00	1.00	1118950	0.570	
724.00	725.00	1.00	1118951	0.359	
725.00	726.00	1.00	1118952	0.660	
726.00	727.00	1.00	1118953	0.589	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
727.00	728.00	1.00	1118954	0.430	
728.00	729.00	1.00	1118955	1.490	
729.00	730.00	1.00	1118957	0.678	
730.00	731.00	1.00	1118958	1.140	
731.00	732.00	1.00	1118959	0.774	
732.00	733.00	1.00	1118960	1.070	
733.00	734.00	1.00	1118961	0.244	
734.00	735.00	1.00	1118962	0.054	
735.00	736.00	1.00	1118963	0.181	
736.00	737.00	1.00	1118965	1.800	
737.00	738.00	1.00	1118966	0.284	
738.00	739.00	1.00	1118967	0.912	
739.00	740.00	1.00	1118968	0.154	
740.00	741.00	1.00	1118969	0.194	
741.00	742.00	1.00	1118970	0.741	
742.00	743.00	1.00	1118971	0.619	
743.00	744.00	1.00	1118973	0.010	
744.00	745.00	1.00	1118974	0.421	
745.00	746.00	1.00	1118975	1.220	
746.00	747.00	1.00	1118976	0.993	
747.00	748.00	1.00	1118977	6.960	
748.00	749.00	1.00	1118978	0.100	
749.00	750.00	1.00	1118979	0.317	
750.00	751.50	1.50	1118981	0.155	
751.50	753.00	1.50	1118982	0.025	
753.00	754.50	1.50	1118983	0.040	
754.50	756.00	1.50	1118984	0.026	
756.00	757.50	1.50	1118985	0.031	
757.50	759.00	1.50	1118986	0.052	
759.00	760.50	1.50	1118987	0.132	
760.50	762.00	1.50	1118989	0.003	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
762.00	763.50	1.50	1118990	0.025	
763.50	765.00	1.50	1118991	0.013	
765.00	766.50	1.50	1118992	0.041	
766.50	768.00	1.50	1118993	0.024	
768.00	769.50	1.50	1118994	0.045	
769.50	771.00	1.50	1118995	0.009	

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP151w2	Claims title:	K1375 (PAT-52616)	Section:	11250A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	31/03/2018	Description date:	31/03/2018
		End date:	07/04/2018		
<b>Collar</b>					
			UTM		
Azimuth:	146.63°	East	441225.80		
Dip:	-80.40°	North	5651769.70		
Length:	882.00	Elevation	380.60		
Number of samples:	117				
Number of QAQC samples:	16				
Total sampled length:	131.00				
<b>Description:</b>					
Two wedges set;					
1st wedge @ 476m between 4 to 5 o'clock (135-140 degrees)					
2nd wedge @ 638m at 100 degrees.					
Used 3m hexagonal, double shell/back-end once wedges set.					
Core size: NQ		Cemented: No		Stored: No	

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>476.60 509.70 E2T LAP FOL M MG GRM mafic tuff dominated by fragments</p> <p>509.70 514.70 E1 45 PIL FOL M MG GRM pillowed mafic volcanics with moderate foliation and small intrusion of massive mafic volcanics</p> <p>514.70 534.00 E1 80 MAS FOL W FG GRD</p>	<p>474.37 474.48 I2 50 MAS FOL W FG GRM intermediate intrusive with chilled margins</p> <p>497.50 497.60 E1 42 MAS FOL W FG GRD mafic volcanic intruded in tuff</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mafic volcanics with one (50cm) intermediate intrusive	520.30 520.80 12 80 MAS FOL M MG GRM

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>534.00 539.00 E2            MAS            FOL            M            FG            GRM            intermediate volcanics            539.00 560.20 E1            60            FTX            FOL            W            FG            GRD            mafic volcanic with notable amount of blebby pyrite. Pyrite presence clearly marked by the contact between intermediate volcanics and andesite/howey diorite.            560.20 566.50 E2P            40            PIL            MG            GRM            andesitic texture/appearance. Maybe a howey diorite but likely andesite            566.50 584.07 E1            50            MAS            FOL            W            FG            GRD</p>	<p>intermediate intrusive within mafic volcanics ( maybe tuff, fragments hard to see).</p>



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mafic volcanics with minor amount a blebby pyrite	
584.07 597.40 E2T	588.50 589.80 I1
35	65
MAS	MAS
FOL	FOL
M	W
MG	FG
GRM	GRD
intermediate tuff	mafic volcanic intrusion with fracture controlled carbonate alteration
597.40 678.00 E1	606.80 610.80 I2
35	45
FTX	MAS
FOL	FG
M	GRM
FG	intermediate intrusive
GNM	
brecciated mafic volcanic with intervals of more strongly foliated texture	
678.00 693.00 E1T	
70	
LAP	
FOL	
M	
MG	
GRM	
mafic tuff with various intervals more strongly foliated. Alternating units of fragmented to non fragmented tuff	
693.00 706.65 E1	
70	
PIL	
FOL	
W	
FG	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>GRD pillowed mafic volcanics with intervals of more massive volcanics interbedded with smaller units of flow/foliated looking volcanics (pillwos?). brecciated texture in some of the flow volcanics 706.65 722.50 E2P 80 MAS MG SAP andesite (or Howey diorite?) nested between two units of mafic volcanics. lower mafic seem more massive than upper mafics 722.50 749.37 E1 40 MAS FOL W FG GRD mafic volcanics. flow top breccia texture for 6 meters before the Hasaga Porphyry 749.37 790.85 I3HP 40 MAS FOL W MG GRM medium grained Hasaga Porphyry. The first 10 (750-760m) meters are less pyrite mineralized. Greater than 760m, pyrite mineralized is increased strongly with more silicification (veining). Interesting to note the texture of the rock right before the porphyry. The rock appears to be more strongly foliated and altered. It also appears to be more</p>	<p>709.65 712.00 I2 80 MAS FG GRP fine grained, light grey intermediate intrusive</p>



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>S                      MG                      BK                      old dyke                      793.35 815.10 I3HP                      40                      MAS                      FOL                      M                      MG                      GRM                      hasaga porhyry. Alternating fine to medium grained with areas showing either moderate to weak foliation.                      815.10 816.26 I1O                      40                      CHM                      FOL                      S                      MG                      BK                      old dyke                      816.26 824.85 I3HP                      45                      MAS                      FOL                      W                      MG                      GRM                      hasaga porphyry                      824.85 830.77 E1                      50                      MAS</p>	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>FOL  W  FG  GRD  mafic volcanics  830.77 837.66 I3HP  43  MAS  FOL  W  MG  GRM  hasaga porphyry  837.66 882.00 E1  50  MAS  FOL  W  FG  GRD  mafic volcanics. A couple veins showing mineralization near the contact with the porphyry</p>	<p>849.91 850.30 I1  53  MAS  FOL  W  FG  GRD  mafic intrusive</p>

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
728.00	729.50	1.50	1118996	0.028	
729.50	731.00	1.50	1118997	0.021	
731.00	732.50	1.50	1118998	0.081	
732.50	734.00	1.50	1118999	0.042	
734.00	735.50	1.50	1119000	0.038	
735.50	737.00	1.50	1119001	0.021	
737.00	738.50	1.50	1119002	0.003	
738.50	740.00	1.50	1119003	0.341	
740.00	741.50	1.50	1119005	0.019	
741.50	743.00	1.50	1119006	0.086	
743.00	744.50	1.50	1119007	0.043	
744.50	746.00	1.50	1119008	0.087	
746.00	747.50	1.50	1119009	0.133	
747.50	749.00	1.50	1119010	0.071	
749.00	750.00	1.00	1119011	0.030	
750.00	751.00	1.00	1119013	0.394	
751.00	752.00	1.00	1119014	0.338	
752.00	753.00	1.00	1119015	0.037	
753.00	754.00	1.00	1119016	0.430	
754.00	755.00	1.00	1119017	0.774	
755.00	756.00	1.00	1119018	0.301	
756.00	757.00	1.00	1119019	0.242	
757.00	758.00	1.00	1119021	0.068	
758.00	759.00	1.00	1119022	0.150	
759.00	760.00	1.00	1119023	0.114	
760.00	761.00	1.00	1119024	0.265	
761.00	762.00	1.00	1119025	1.440	
762.00	763.00	1.00	1119026	0.209	
763.00	764.00	1.00	1119027	1.380	
764.00	765.00	1.00	1119029	11.500	
765.00	766.00	1.00	1119030	0.189	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
766.00	767.00	1.00	1119031	0.096	
767.00	768.00	1.00	1119032	0.195	
768.00	769.00	1.00	1119033	2.650	
769.00	770.00	1.00	1119034	1.060	
770.00	771.00	1.00	1119035	0.897	
771.00	772.00	1.00	1119037	0.591	
772.00	773.00	1.00	1119038	0.382	
773.00	774.00	1.00	1119039	0.313	
774.00	775.00	1.00	1119040	3.010	
775.00	776.00	1.00	1119041	0.868	
776.00	777.00	1.00	1119042	0.282	
777.00	778.00	1.00	1119043	0.586	
778.00	779.00	1.00	1119045	0.402	
779.00	780.00	1.00	1119046	1.800	
780.00	781.00	1.00	1119047	0.889	
781.00	782.00	1.00	1119048	0.233	
782.00	783.00	1.00	1119049	0.336	
783.00	784.00	1.00	1119050	0.418	
784.00	785.00	1.00	1119051	0.477	
785.00	786.00	1.00	1119053	0.423	
786.00	787.00	1.00	1119054	0.415	
787.00	788.00	1.00	1119055	0.649	
788.00	789.00	1.00	1119056	1.830	
789.00	790.00	1.00	1119057	0.200	
790.00	791.00	1.00	1119058	0.247	
791.00	792.00	1.00	1119059	0.003	
792.00	793.00	1.00	1119061	0.003	
793.00	794.00	1.00	1119062	0.317	
794.00	795.00	1.00	1119063	1.830	
795.00	796.00	1.00	1119064	1.440	
796.00	797.00	1.00	1119065	8.510	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
797.00	798.00	1.00	1119066	9.640	
798.00	799.00	1.00	1119067	23.000	
799.00	800.00	1.00	1119069	4.520	
800.00	801.00	1.00	1119070	0.328	
801.00	802.00	1.00	1119071	0.943	
802.00	803.00	1.00	1119072	1.580	
803.00	804.00	1.00	1119073	18.900	
804.00	805.00	1.00	1119074	3.610	
805.00	806.00	1.00	1119075	17.500	
806.00	807.00	1.00	1119077	0.794	
807.00	808.00	1.00	1119078	7.950	
808.00	809.00	1.00	1119079	12.200	
809.00	810.00	1.00	1119080	0.989	
810.00	811.00	1.00	1119081	6.030	
811.00	812.00	1.00	1119082	22.300	
812.00	813.00	1.00	1119083	0.768	
813.00	814.00	1.00	1119085	4.030	
814.00	815.00	1.00	1119086	1.310	
815.00	816.00	1.00	1119087	0.033	
816.00	817.00	1.00	1119088	0.307	
817.00	818.00	1.00	1119089	0.534	
818.00	819.00	1.00	1119090	7.320	
819.00	820.00	1.00	1119091	1.660	
820.00	821.00	1.00	1119093	2.750	
821.00	822.00	1.00	1119094	1.050	
822.00	823.00	1.00	1119095	6.500	
823.00	824.00	1.00	1119096	0.094	
824.00	825.00	1.00	1119097	0.838	
825.00	826.00	1.00	1119098	0.189	
826.00	827.00	1.00	1119099	0.251	
827.00	828.00	1.00	1119101	4.890	



Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
828.00	829.00	1.00	1119102	0.028	
829.00	830.00	1.00	1119103	0.838	
830.00	831.00	1.00	1119104	0.076	
831.00	832.00	1.00	1119105	0.507	
832.00	833.00	1.00	1119106	0.613	
833.00	834.00	1.00	1119107	0.310	
834.00	835.00	1.00	1119109	6.060	
835.00	836.00	1.00	1119110	12.500	
836.00	837.00	1.00	1119111	0.564	
837.00	838.00	1.00	1119112	3.490	
838.00	839.50	1.50	1119113	1.560	
839.50	841.00	1.50	1119114	0.014	
841.00	842.50	1.50	1119115	0.193	
842.50	844.00	1.50	1119117	0.051	
844.00	845.50	1.50	1119118	0.038	
845.50	847.00	1.50	1119119	0.038	
847.00	848.50	1.50	1119120	0.140	
848.50	850.00	1.50	1119121	0.017	
850.00	851.50	1.50	1119122	0.007	
851.50	853.00	1.50	1119123	0.006	
853.00	854.50	1.50	1119125	0.006	
854.50	856.00	1.50	1119126	0.005	
856.00	857.50	1.50	1119127	0.003	
857.50	859.00	1.50	1119128	0.003	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP165</b>	Claims title:	K1378 (PAT-52628)	Section:	11300A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Matthew DeGasperis	Start date:	23/01/2018	Description date:	23/01/2018
		End date:	03/02/2018		

## Collar

Azimuth: 337.00°  
Dip: -62.00°  
Length: 753.00

## UTM

East	441470.60
North	5651151.40
Elevation	383.80

Number of samples: 110  
Number of QAQC samples: 16  
Total sampled length: 116.00

## Description:

Core size: NQ

Cemented: No

Stored: No

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
3.00 199.45 E2 POR FOL W MG GRM	8.55 9.00 11 20 CHM MG GRD
coarser phenocrysts of plag within finner matrix. Agglomeratic clasts? 199.45 639.20 E2 30 MAS FOL W FG GRM grey to mdium green, fine grained volcanics with patches of strong foliation and sericite/hematite alteration. Also patches of lappilli? horizons or agglomritic.	208.40 208.80 11 33 FOL W FG GND
mor tuffaceous looking from 414 to 473 639.20 694.00 I3HP 40 POR FOL M CG GRM	639.50 639.70 11
medium to dark grey hasaga porphyry. 694.00 753.00 E1 MAS FOL W FG GNP	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mafic volcanics	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
604.00	605.00	1.00	145309	0.009	
605.00	606.00	1.00	145310	0.009	
606.00	607.00	1.00	145311	0.007	
607.00	608.00	1.00	145313	0.005	
608.00	609.00	1.00	145314	0.009	
609.00	610.00	1.00	145315	0.007	
610.00	611.00	1.00	145316	0.010	
611.00	612.00	1.00	145317	0.019	
612.00	613.00	1.00	145318	0.014	
613.00	614.00	1.00	145319	0.010	
614.00	615.00	1.00	145321	0.007	
615.00	616.00	1.00	145322	0.007	
616.00	617.00	1.00	145323	0.009	
617.00	618.00	1.00	145324	0.010	
618.00	619.00	1.00	145325	0.008	
619.00	620.00	1.00	145326	0.015	
620.00	621.00	1.00	145327	0.099	
621.00	622.00	1.00	145329	0.313	
622.00	623.00	1.00	145330	0.010	
623.00	624.00	1.00	145331	0.017	
624.00	625.00	1.00	145332	0.008	
625.00	626.00	1.00	145333	0.009	
626.00	627.00	1.00	145334	0.023	
627.00	628.00	1.00	145335	0.010	
628.00	629.00	1.00	145337	0.012	
629.00	630.00	1.00	145338	0.037	
630.00	631.00	1.00	145339	0.064	
631.00	632.00	1.00	145340	0.103	
632.00	633.00	1.00	145341	0.019	
633.00	634.00	1.00	145342	0.520	
634.00	635.00	1.00	145343	0.659	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
635.00	636.00	1.00	145345	0.030	
636.00	637.00	1.00	145346	0.107	
637.00	638.00	1.00	145347	0.006	
638.00	639.00	1.00	145348	0.980	
639.00	640.00	1.00	145349	0.787	
640.00	641.00	1.00	145350	0.134	
641.00	642.00	1.00	145351	0.014	
642.00	643.00	1.00	145353	0.006	
643.00	644.00	1.00	145354	0.296	
644.00	645.00	1.00	145355	2.070	
645.00	646.00	1.00	145356	0.027	
646.00	647.00	1.00	145357	0.034	
647.00	648.00	1.00	145358	0.012	
648.00	649.00	1.00	145359	0.234	
649.00	650.00	1.00	145361	0.160	
650.00	651.00	1.00	145362	0.029	
651.00	652.00	1.00	145363	0.054	
652.00	653.00	1.00	145364	0.068	
653.00	654.00	1.00	145365	0.193	
654.00	655.00	1.00	145366	0.155	
655.00	656.00	1.00	145367	0.339	
656.00	657.00	1.00	145369	0.314	
657.00	658.00	1.00	145370	0.108	
658.00	659.00	1.00	145371	0.388	
659.00	660.00	1.00	145372	0.267	
660.00	661.00	1.00	145373	0.253	
661.00	662.00	1.00	145374	0.520	
662.00	663.00	1.00	145375	0.146	
663.00	664.00	1.00	145377	0.199	
664.00	665.00	1.00	145378	0.564	
665.00	666.00	1.00	145379	2.810	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
666.00	667.00	1.00	145380	0.171	
667.00	668.00	1.00	145381	0.408	
668.00	669.00	1.00	145382	0.065	
669.00	670.00	1.00	145383	0.090	
670.00	671.00	1.00	145385	0.164	
671.00	672.00	1.00	145386	0.434	
672.00	673.00	1.00	145387	0.334	
673.00	674.00	1.00	145388	0.572	
674.00	675.00	1.00	145389	0.800	
675.00	676.00	1.00	145390	0.469	
676.00	677.00	1.00	145391	0.428	
677.00	678.00	1.00	145393	0.423	
678.00	679.00	1.00	145394	0.187	
679.00	680.00	1.00	145395	0.093	
680.00	681.00	1.00	145396	0.111	
681.00	682.00	1.00	145397	0.059	
682.00	683.00	1.00	145398	0.155	
683.00	684.00	1.00	145399	0.073	
684.00	685.00	1.00	145401	0.072	
685.00	686.00	1.00	145402	0.415	
686.00	687.00	1.00	145403	0.204	
687.00	688.00	1.00	145404	0.534	
688.00	689.00	1.00	145405	0.214	
689.00	690.00	1.00	145406	0.134	
690.00	691.00	1.00	145407	0.118	
691.00	692.00	1.00	145409	0.236	
692.00	693.00	1.00	145410	0.525	
693.00	694.00	1.00	145411	0.095	
694.00	695.00	1.00	145412	0.110	
695.00	696.00	1.00	145413	0.116	
696.00	697.00	1.00	145414	0.053	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
697.00	698.00	1.00	145415	0.101	
698.00	699.00	1.00	145417	0.115	
699.00	700.00	1.00	145418	0.040	
700.00	701.00	1.00	145419	0.056	
701.00	702.00	1.00	145420	0.036	
702.00	703.50	1.50	145421	0.073	
703.50	705.00	1.50	145422	0.041	
705.00	706.50	1.50	145423	0.029	
706.50	708.00	1.50	145425	0.016	
708.00	709.50	1.50	145426	0.016	
709.50	711.00	1.50	145427	0.019	
711.00	712.50	1.50	145428	0.009	
712.50	714.00	1.50	145429	0.009	
714.00	715.50	1.50	145430	0.012	
715.50	717.00	1.50	145431	0.011	
717.00	718.50	1.50	145433	0.006	
718.50	720.00	1.50	145434	0.029	



## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP166	Claims title:	K1429 (PAT-6720)	Section:	9650A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	BUFFALO
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	M Higgins	Start date:	31/01/2018	Description date:	07/02/2018
		End date:	07/02/2018		
<b>Collar</b>					
			UTM		
Azimuth:	20.00°	East	439874.80		
Dip:	-68.00°	North	5650652.60		
Length:	516.00	Elevation	359.90		
Number of samples:	306				
Number of QAQC samples:	42				
Total sampled length:	306.00				
<b>Description:</b>					
Note: box# 116 (499-503.4 m) was dropped.					
Core size: NQ		Cemented: No		Stored: No	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 5.20 CS	
casing	
5.20 86.10 I1	
POR	
MG	
GND	
porphyritic gabbro	
86.10 244.50 E1	
MAS	
FOL	
S	
FG	
GNM	
strongly sheared and foliated mafic volcanics. silicified strongly locally with	
patchy Py mineralization	
244.50 246.00 I3DS	
POR	
FOL	
W	
CG	
RED	
dome stock dykelet	
246.00 260.70 E1	
MAS	
FOL	
S	
FG	
GND	
mafic volcanic	
260.70 264.50 I3DS	
POR	
FOL	

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
W	
CG	
SAP	
dome stock granodiorite	
264.50 271.10 I1	
POR	
FOL	
S	
FG	
GRD	
dark grey mafic dyke. possibly strongly altered volcanics.	
271.10 282.20 I3DS	
POR	
FOL	
M	
MG	
GRM	
medium grey strongly silicified dome stock granodiorite.	
282.20 290.30 E1	
CRX	
FOL	
S	
FG	
GND	
strongly foliated/sheared volcanics and granodiorite.	
290.30 516.00 I3DS	362.90 363.60 I3
POR	50
FOL	CHM
W	FOL
CG	W
SAP	FG
silicified dome stock granodiorite.	GRP

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
	pale felsic dyke

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
78.00	79.00	1.00	1117501	0.009	
79.00	80.00	1.00	1117502	0.007	
80.00	81.00	1.00	1117503	0.003	
81.00	82.00	1.00	1117504	0.003	
82.00	83.00	1.00	1117505	0.003	
83.00	84.00	1.00	1117506	0.003	
84.00	85.00	1.00	1117507	0.005	
85.00	86.00	1.00	1117509	0.003	
86.00	87.00	1.00	1117510	0.080	
87.00	88.00	1.00	1117511	0.398	
88.00	89.00	1.00	1117512	0.006	
89.00	90.00	1.00	1117513	0.011	
90.00	91.00	1.00	1117514	0.007	
91.00	92.00	1.00	1117515	0.013	
92.00	93.00	1.00	1117517	0.015	
93.00	94.00	1.00	1117518	0.005	
94.00	95.00	1.00	1117519	0.010	
95.00	96.00	1.00	1117520	0.008	
96.00	97.00	1.00	1117521	0.003	
97.00	98.00	1.00	1117522	0.003	
98.00	99.00	1.00	1117523	0.003	
99.00	100.00	1.00	1117525	0.006	
100.00	101.00	1.00	1117526	0.003	
101.00	102.00	1.00	1117527	0.003	
102.00	103.00	1.00	1117528	0.003	
103.00	104.00	1.00	1117529	0.003	
104.00	105.00	1.00	1117530	0.005	
105.00	106.00	1.00	1117531	0.007	
106.00	107.00	1.00	1117533	0.011	
107.00	108.00	1.00	1117534	0.023	
108.00	109.00	1.00	1117535	0.003	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
109.00	110.00	1.00	1117536	0.009	
110.00	111.00	1.00	1117537	0.009	
243.00	244.00	1.00	1117538	0.014	
244.00	245.00	1.00	1117539	0.011	
245.00	246.00	1.00	1117541	0.012	
246.00	247.00	1.00	1117542	0.017	
247.00	248.00	1.00	1117543	0.037	
248.00	249.00	1.00	1117544	0.048	
249.00	250.00	1.00	1117545	0.013	
250.00	251.00	1.00	1117546	0.007	
251.00	252.00	1.00	1117547	0.008	
252.00	253.00	1.00	1117549	0.009	
253.00	254.00	1.00	1117550	0.011	
254.00	255.00	1.00	1117551	0.030	
255.00	256.00	1.00	1117552	0.096	
256.00	257.00	1.00	1117553	0.048	
257.00	258.00	1.00	1117554	0.010	
258.00	259.00	1.00	1117555	0.026	
259.00	260.00	1.00	1117557	0.625	
260.00	261.00	1.00	1117558	1.020	
261.00	262.00	1.00	1117559	0.081	
262.00	263.00	1.00	1117560	0.168	
263.00	264.00	1.00	1117561	0.073	
264.00	265.00	1.00	1117562	0.049	
265.00	266.00	1.00	1117563	0.019	
266.00	267.00	1.00	1117565	0.003	
267.00	268.00	1.00	1117566	0.006	
268.00	269.00	1.00	1117567	0.005	
269.00	270.00	1.00	1117568	0.028	
270.00	271.00	1.00	1117569	0.707	
271.00	272.00	1.00	1117570	4.340	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
272.00	273.00	1.00	1117571	0.039	
273.00	274.00	1.00	1117573	0.054	
274.00	275.00	1.00	1117574	0.026	
275.00	276.00	1.00	1117575	0.088	
276.00	277.00	1.00	1117576	0.331	
277.00	278.00	1.00	1117577	0.881	
278.00	279.00	1.00	1117578	0.047	
279.00	280.00	1.00	1117579	1.940	
280.00	281.00	1.00	1117581	0.723	
281.00	282.00	1.00	1117582	0.813	
282.00	283.00	1.00	1117583	0.366	
283.00	284.00	1.00	1117584	0.012	
284.00	285.00	1.00	1117585	0.005	
285.00	286.00	1.00	1117586	0.034	
286.00	287.00	1.00	1117587	0.005	
287.00	288.00	1.00	1117589	0.009	
288.00	289.00	1.00	1117590	0.012	
289.00	290.00	1.00	1117591	0.014	
290.00	291.00	1.00	1117592	0.071	
291.00	292.00	1.00	1117593	0.033	
292.00	293.00	1.00	1117594	0.109	
293.00	294.00	1.00	1117595	0.046	
294.00	295.00	1.00	1117597	0.011	
295.00	296.00	1.00	1117598	0.075	
296.00	297.00	1.00	1117599	0.010	
297.00	298.00	1.00	1117600	0.031	
298.00	299.00	1.00	1117601	0.003	
299.00	300.00	1.00	1117602	0.313	
300.00	301.00	1.00	1117603	0.068	
301.00	302.00	1.00	1117604	0.086	
302.00	303.00	1.00	1117605	0.089	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
303.00	304.00	1.00	1117606	0.209	
304.00	305.00	1.00	1117607	0.125	
305.00	306.00	1.00	1117608	0.127	
306.00	307.00	1.00	1117609	0.637	
307.00	308.00	1.00	1117610	0.371	
308.00	309.00	1.00	1117611	1.360	
309.00	310.00	1.00	1117613	0.271	
310.00	311.00	1.00	1117614	0.034	
311.00	312.00	1.00	1117615	0.188	
312.00	313.00	1.00	1117616	0.108	
313.00	314.00	1.00	1117617	0.046	
314.00	315.00	1.00	1117618	0.035	
315.00	316.00	1.00	1117619	0.017	
316.00	317.00	1.00	1117621	0.015	
317.00	318.00	1.00	1117622	0.011	
318.00	319.00	1.00	1117623	0.330	
319.00	320.00	1.00	1117624	0.055	
320.00	321.00	1.00	1117625	0.011	
321.00	322.00	1.00	1117626	0.160	
322.00	323.00	1.00	1117627	0.274	
323.00	324.00	1.00	1117629	0.724	
324.00	325.00	1.00	1117630	0.055	
325.00	326.00	1.00	1117631	0.117	
326.00	327.00	1.00	1117632	0.203	
327.00	328.00	1.00	1117633	0.009	
328.00	329.00	1.00	1117634	0.190	
329.00	330.00	1.00	1117635	0.007	
330.00	331.00	1.00	1117637	0.204	
331.00	332.00	1.00	1117638	0.336	
332.00	333.00	1.00	1117639	0.416	
333.00	334.00	1.00	1117640	0.054	



Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
334.00	335.00	1.00	1117641	0.018	
335.00	336.00	1.00	1117642	0.031	
336.00	337.00	1.00	1117643	0.033	
337.00	338.00	1.00	1117645	0.070	
338.00	339.00	1.00	1117646	0.042	
339.00	340.00	1.00	1117647	0.014	
340.00	341.00	1.00	1117648	0.080	
341.00	342.00	1.00	1117649	0.030	
342.00	343.00	1.00	1117650	0.033	
343.00	344.00	1.00	1117651	0.241	
344.00	345.00	1.00	1117653	0.015	
345.00	346.00	1.00	1117654	0.021	
346.00	347.00	1.00	1117655	0.013	
347.00	348.00	1.00	1117656	0.016	
348.00	349.00	1.00	1117657	0.008	
349.00	350.00	1.00	1117658	0.066	
350.00	351.00	1.00	1117659	0.025	
351.00	352.00	1.00	1117661	0.245	
352.00	353.00	1.00	1117662	0.438	
353.00	354.00	1.00	1117663	0.105	
354.00	355.00	1.00	1117664	0.065	
355.00	356.00	1.00	1117665	0.062	
356.00	357.00	1.00	1117666	0.284	
357.00	358.00	1.00	1117667	0.012	
358.00	359.00	1.00	1117669	0.351	
359.00	360.00	1.00	1117670	0.160	
360.00	361.00	1.00	1117671	0.025	
361.00	362.00	1.00	1117672	0.340	
362.00	363.00	1.00	1117673	1.790	
363.00	364.00	1.00	1117674	0.028	
364.00	365.00	1.00	1117675	0.095	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
365.00	366.00	1.00	1117677	2.010	
366.00	367.00	1.00	1117678	0.039	
367.00	368.00	1.00	1117679	0.005	
368.00	369.00	1.00	1117680	0.009	
369.00	370.00	1.00	1117681	0.059	
370.00	371.00	1.00	1117682	0.089	
371.00	372.00	1.00	1117683	0.007	
372.00	373.00	1.00	1117685	0.006	
373.00	374.00	1.00	1117686	0.018	
374.00	375.00	1.00	1117687	0.007	
375.00	376.00	1.00	1117688	0.012	
376.00	377.00	1.00	1117689	0.104	
377.00	378.00	1.00	1117690	0.719	
378.00	379.00	1.00	1117691	0.284	
379.00	380.00	1.00	1117693	0.317	
380.00	381.00	1.00	1117694	0.403	
381.00	382.00	1.00	1117695	0.075	
382.00	383.00	1.00	1117696	0.306	
383.00	384.00	1.00	1117697	0.526	
384.00	385.00	1.00	1117698	0.103	
385.00	386.00	1.00	1117699	0.018	
386.00	387.00	1.00	1117701	0.024	
387.00	388.00	1.00	1117702	0.068	
388.00	389.00	1.00	1117703	0.010	
389.00	390.00	1.00	1117704	0.006	
390.00	391.00	1.00	1117705	0.109	
391.00	392.00	1.00	1117706	0.012	
392.00	393.00	1.00	1117707	0.267	
393.00	394.00	1.00	1117709	0.048	
394.00	395.00	1.00	1117710	0.136	
395.00	396.00	1.00	1117711	0.067	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
396.00	397.00	1.00	1117712	0.052	
397.00	398.00	1.00	1117713	0.076	
398.00	399.00	1.00	1117714	0.312	
399.00	400.00	1.00	1117715	0.098	
400.00	401.00	1.00	1117717	0.026	
401.00	402.00	1.00	1117718	0.010	
402.00	403.00	1.00	1117719	0.015	
403.00	404.00	1.00	1117720	0.008	
404.00	405.00	1.00	1117721	0.008	
405.00	406.00	1.00	1117722	0.009	
406.00	407.00	1.00	1117723	0.008	
407.00	408.00	1.00	1117725	0.028	
408.00	409.00	1.00	1117726	0.438	
409.00	410.00	1.00	1117727	0.566	
410.00	411.00	1.00	1117728	0.062	
411.00	412.00	1.00	1117729	0.060	
412.00	413.00	1.00	1117730	0.112	
413.00	414.00	1.00	1117731	0.118	
414.00	415.00	1.00	1117733	0.064	
415.00	416.00	1.00	1117734	0.378	
416.00	417.00	1.00	1117735	0.012	
417.00	418.00	1.00	1117736	0.015	
418.00	419.00	1.00	1117737	0.077	
419.00	420.00	1.00	1117738	0.023	
420.00	421.00	1.00	1117739	0.023	
421.00	422.00	1.00	1117741	0.101	
422.00	423.00	1.00	1117742	0.022	
423.00	424.00	1.00	1117743	0.064	
424.00	425.00	1.00	1117744	0.005	
425.00	426.00	1.00	1117745	0.008	
426.00	427.00	1.00	1117746	0.021	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
427.00	428.00	1.00	1117747	0.206	
428.00	429.00	1.00	1117749	0.075	
429.00	430.00	1.00	1117750	0.078	
430.00	431.00	1.00	1117751	0.039	
431.00	432.00	1.00	1117752	0.015	
432.00	433.00	1.00	1117753	0.028	
433.00	434.00	1.00	1117754	0.018	
434.00	435.00	1.00	1117755	0.021	
435.00	436.00	1.00	1117757	0.031	
436.00	437.00	1.00	1117758	0.030	
437.00	438.00	1.00	1117759	0.395	
438.00	439.00	1.00	1117760	0.016	
439.00	440.00	1.00	1117761	0.044	
440.00	441.00	1.00	1117762	0.075	
441.00	442.00	1.00	1117763	0.052	
442.00	443.00	1.00	1117765	0.216	
443.00	444.00	1.00	1117766	0.086	
444.00	445.00	1.00	1117767	0.099	
445.00	446.00	1.00	1117768	0.011	
446.00	447.00	1.00	1117769	0.039	
447.00	448.00	1.00	1117770	0.329	
448.00	449.00	1.00	1117771	0.043	
449.00	450.00	1.00	1117773	0.256	
450.00	451.00	1.00	1117774	0.008	
451.00	452.00	1.00	1117775	0.011	
452.00	453.00	1.00	1117776	0.007	
453.00	454.00	1.00	1117777	0.051	
454.00	455.00	1.00	1117778	0.046	
455.00	456.00	1.00	1117779	0.008	
456.00	457.00	1.00	1117781	0.044	
457.00	458.00	1.00	1117782	0.010	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
458.00	459.00	1.00	1117783	0.520	
459.00	460.00	1.00	1117784	0.146	
460.00	461.00	1.00	1117785	0.048	
461.00	462.00	1.00	1117786	0.018	
462.00	463.00	1.00	1117787	0.099	
463.00	464.00	1.00	1117789	0.017	
464.00	465.00	1.00	1117790	0.016	
465.00	466.00	1.00	1117791	0.020	
466.00	467.00	1.00	1117792	0.013	
467.00	468.00	1.00	1117793	0.015	
468.00	469.00	1.00	1117794	0.087	
469.00	470.00	1.00	1117795	0.136	
470.00	471.00	1.00	1117797	0.111	
471.00	472.00	1.00	1117798	0.020	
472.00	473.00	1.00	1117799	0.016	
473.00	474.00	1.00	1117800	0.141	
474.00	475.00	1.00	1117801	0.024	
475.00	476.00	1.00	1117802	0.243	
476.00	477.00	1.00	1117803	0.003	
477.00	478.00	1.00	1117805	0.006	
478.00	479.00	1.00	1117806	0.013	
479.00	480.00	1.00	1117807	0.018	
480.00	481.00	1.00	1117808	0.018	
481.00	482.00	1.00	1117809	0.037	
482.00	483.00	1.00	1117810	0.020	
483.00	484.00	1.00	1117811	0.090	
484.00	485.00	1.00	1117813	0.080	
485.00	486.00	1.00	1117814	0.012	
486.00	487.00	1.00	1117815	0.028	
487.00	488.00	1.00	1117816	0.045	
488.00	489.00	1.00	1117817	0.056	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
489.00	490.00	1.00	1117818	0.025	
490.00	491.00	1.00	1117819	0.036	
491.00	492.00	1.00	1117821	0.053	
492.00	493.00	1.00	1117822	0.074	
493.00	494.00	1.00	1117823	0.033	
494.00	495.00	1.00	1117824	0.107	
495.00	496.00	1.00	1117825	0.063	
496.00	497.00	1.00	1117826	0.178	
497.00	498.00	1.00	1117827	0.028	
498.00	499.00	1.00	1117829	0.558	
499.00	500.00	1.00	1117830	0.100	
500.00	501.00	1.00	1117831	1.780	
501.00	502.00	1.00	1117832	0.068	
502.00	503.00	1.00	1117833	0.045	
503.00	504.00	1.00	1117834	0.059	
504.00	505.00	1.00	1117835	0.160	
505.00	506.00	1.00	1117837	0.439	
506.00	507.00	1.00	1117838	0.070	
507.00	508.00	1.00	1117839	0.045	
508.00	509.00	1.00	1117840	0.076	
509.00	510.00	1.00	1117841	0.090	
510.00	511.00	1.00	1117842	0.314	
511.00	512.00	1.00	1117843	0.012	
512.00	513.00	1.00	1117845	0.043	
513.00	514.00	1.00	1117846	0.056	
514.00	515.00	1.00	1117847	0.070	
515.00	516.00	1.00	1117848	0.173	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP167</b>	<b>Claims title:</b>	K1378 (PAT-52628)	<b>Section:</b>	11300A
		<b>Township:</b>	HEYSON	<b>Level:</b>	DDH
		<b>Range:</b>	COMPLETED	<b>Work place:</b>	HASAGA_UG
<b>Contractor:</b>	Chibougamau Drilling	<b>Lot:</b>	HASAGA_2018		
<b>Author:</b>	M Higgins	<b>Start date:</b>	03/02/2018	<b>Description date:</b>	07/02/2018
		<b>End date:</b>	13/02/2018		
<b>Collar</b>					
				UTM	
<b>Azimuth:</b>	337.00°		East	441470.70	
<b>Dip:</b>	-70.00°		North	5651151.80	
<b>Length:</b>	858.00		Elevation	385.30	
<b>Number of samples:</b> 56					
<b>Number of QAQC samples:</b> 8					
<b>Total sampled length:</b> 64.00					
<b>Description:</b>					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 710.00 E1 FOL W FG GRD mafic to intermediate volcanics. patches of porph. basalt to lappili tuffs.	336.75 337.60 11 47 CHM FOL W MG GRD
710.00 711.20 E1T 35 MAS FOL M FG BGM mafic/intermed. tuff horizon	
711.20 729.40 E1 55 MAS FOL W FG GRM intermediate to mafic volcanics	
729.40 744.50 E1T 36 LAP FOL M FG GRM grey to beige tuff	738.10 738.90 13 28 CHM FOL W MG PIN



# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
30 MAS FOL W FG GRD volcanics 746.85 757.10 E1T	
45 LAP FOL M FG GRM tuff 757.10 777.70 E1	
30 MAS FOL W FG GRD volcanics 777.70 779.25 I3HP	765.00 765.60 I1 45 CHM FOL S MG GND
37 POR FOL W CG GRP grey to green hasaga porphyry. 779.25 784.40 E1	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
50 MAS FOL M FG GRD volcanics 784.40 787.60 I3HP	
50 POR FOL M CG GRP grey to green porphyry 787.60 788.90 I1O	
47 MAS FOL S MG BK old dyke 788.90 793.25 E1	
25 MAS FOL M FG GRD volcanics 793.25 797.60 I3HP	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
44 POR FOL M CG GRP porphyry 797.60 799.70 E1	
34 MAS FOL M FG GRD volcanics 799.70 813.00 I3HP	801.70 802.20 E1
65 POR FOL M CG GRP porphyry 813.00 858.00 E1	64 FOL M FG GRD
50 MAS FOL W FG GND volcanics	823.15 824.00 I1 70 CHM MG GNM

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
763.00	764.50	1.50	145435	0.015	
764.50	766.00	1.50	145436	0.012	
766.00	767.50	1.50	145437	0.043	
767.50	769.00	1.50	145438	0.129	
769.00	770.50	1.50	145439	0.039	
770.50	772.00	1.50	145441	1.120	
772.00	773.50	1.50	145442	13.300	
773.50	775.00	1.50	145443	7.530	
775.00	776.00	1.00	145444	6.730	
776.00	777.00	1.00	145445	0.262	
777.00	778.00	1.00	145446	0.976	
778.00	779.00	1.00	145447	0.028	
779.00	780.00	1.00	145449	0.106	
780.00	781.00	1.00	145450	0.267	
781.00	782.00	1.00	145451	0.036	
782.00	783.00	1.00	145452	0.028	
783.00	784.00	1.00	145453	0.223	
784.00	785.00	1.00	145454	0.525	
785.00	786.00	1.00	145455	0.357	
786.00	787.00	1.00	145457	0.934	
787.00	788.00	1.00	145458	1.770	
788.00	789.00	1.00	145459	0.034	
789.00	790.00	1.00	145460	0.154	
790.00	791.00	1.00	145461	0.145	
791.00	792.00	1.00	145462	0.151	
792.00	793.00	1.00	145463	0.532	
793.00	794.00	1.00	145465	0.186	
794.00	795.00	1.00	145466	0.333	
795.00	796.00	1.00	145467	0.554	
796.00	797.00	1.00	145468	1.830	
797.00	798.00	1.00	145469	0.391	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
798.00	799.00	1.00	145470	4.020	
799.00	800.00	1.00	145471	2.350	
800.00	801.00	1.00	145473	0.194	
801.00	802.00	1.00	145474	4.590	
802.00	803.00	1.00	145475	26.100	
803.00	804.00	1.00	145476	5.550	
804.00	805.00	1.00	145477	0.174	
805.00	806.00	1.00	145478	0.216	
806.00	807.00	1.00	145479	40.300	
807.00	808.00	1.00	145481	1.900	
808.00	809.00	1.00	145482	0.323	
809.00	810.00	1.00	145483	0.621	
810.00	811.00	1.00	145484	0.094	
811.00	812.00	1.00	145485	0.217	
812.00	813.00	1.00	145486	0.062	
813.00	814.00	1.00	145487	0.040	
814.00	815.00	1.00	145489	0.137	
815.00	816.50	1.50	145490	0.033	
816.50	818.00	1.50	145491	0.045	
818.00	819.50	1.50	145492	0.111	
819.50	821.00	1.50	145493	0.067	
821.00	822.50	1.50	145494	0.038	
822.50	824.00	1.50	145495	0.009	
824.00	825.50	1.50	145497	0.015	
825.50	827.00	1.50	145498	0.028	

Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP168</b>	Claims title:	K1429 (PAT-6720)	Section:	9650A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	BUFFALO
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Matt DeGasperis	Start date:	08/02/2018	Description date:	08/02/2018
		End date:	14/02/2018		
Collar					
				UTM	
Azimuth:	5.00°		East	439875.20	
Dip:	-68.00°		North	5650652.10	
Length:	497.00		Elevation	359.70	
Number of samples: 253					
Number of QAQC samples: 36					
Total sampled length: 253.00					
Description:					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 6.60 CS	
casing	
6.60 246.50 E1	101.00 106.20 I1
MAS	25
FOL	CHM
W	FOL
FG	M
GRD	MG
volcanics. massive basalt to porphoritic basalt and patches of high carb alteration	GRD
246.50 254.30 I3DS	dark grey to medium green dyke.
50	
POR	
FOL	
W	
CG	
GRM	
domestock	
254.30 257.40 E1	
30	
MAS	
FG	
GRD	
fine grains and bleached volcanics	
257.40 260.70 E1	
45	
MAS	
FOL	
S	
FG	
GNM	
fined grained carbonatized volcanics	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
260.70 261.30 I3DS 45 POR FOL W CG GRD dome	
261.30 264.50 E1 40 MAS FOL S FG GNM volcanics	
264.50 290.80 I3DS 65 POR FOL W CG GRM dome	268.30 268.85 E1 53 FG GRM
290.80 307.80 E1T 66 LAP FOL M FG GRM grey to beige to hematite stained tuff/volcanic unit	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
307.80 337.00 I3DS 70 POR FOL W CG GRM dome	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>337.00 341.30 I2            33            MAS            FOL            W            FG            BGP            felsic/intermediate dyke            341.30 343.70 I1            40            MAS            FOL            W            MG            GRD            gabbroic dyke            343.70 346.20 I3DS            48            MAS            FOL            W            CG            GRM            dome            346.20 349.10 I2</p>	<p>334.40 335.20 I2            60            CHM            FOL            W            FG            GRP</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
23 MAS FOL W FG GRP felsic/intermediate dyke 349.10 456.90 I3DS	350.50 350.70 E1
55 POR FOL W CG GRM dome 456.90 466.90 E1	25 FOL W FG GNP xenolith?
34 MAS FOL S FG GRD grey to green, medium to fine grained volcanics 466.90 497.00 I3DS	467.50 467.85 I2
56 POR FOL W CG GRM dome	80 CHM FOL W FG GRP

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
244.00	245.00	1.00	1117849	0.018	
245.00	246.00	1.00	1117850	0.021	
246.00	247.00	1.00	1117851	0.042	
247.00	248.00	1.00	1117853	0.142	
248.00	249.00	1.00	1117854	0.110	
249.00	250.00	1.00	1117855	0.214	
250.00	251.00	1.00	1117856	0.092	
251.00	252.00	1.00	1117857	0.101	
252.00	253.00	1.00	1117858	0.188	
253.00	254.00	1.00	1117859	0.122	
254.00	255.00	1.00	1117861	0.079	
255.00	256.00	1.00	1117862	0.036	
256.00	257.00	1.00	1117863	0.017	
257.00	258.00	1.00	1117864	0.021	
258.00	259.00	1.00	1117865	0.007	
259.00	260.00	1.00	1117866	0.018	
260.00	261.00	1.00	1117867	0.025	
261.00	262.00	1.00	1117869	0.024	
262.00	263.00	1.00	1117870	0.017	
263.00	264.00	1.00	1117871	0.095	
264.00	265.00	1.00	1117872	0.746	
265.00	266.00	1.00	1117873	1.090	
266.00	267.00	1.00	1117874	0.042	
267.00	268.00	1.00	1117875	0.539	
268.00	269.00	1.00	1117877	0.017	
269.00	270.00	1.00	1117878	0.003	
270.00	271.00	1.00	1117879	0.026	
271.00	272.00	1.00	1117880	0.015	
272.00	273.00	1.00	1117881	0.011	
273.00	274.00	1.00	1117882	0.011	
274.00	275.00	1.00	1117883	0.361	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
275.00	276.00	1.00	1117885	0.017	
276.00	277.00	1.00	1117886	0.056	
277.00	278.00	1.00	1117887	0.010	
278.00	279.00	1.00	1117888	0.012	
279.00	280.00	1.00	1117889	8.130	
280.00	281.00	1.00	1117890	5.870	
281.00	282.00	1.00	1117891	0.024	
282.00	283.00	1.00	1117893	0.045	
283.00	284.00	1.00	1117894	0.016	
284.00	285.00	1.00	1117895	0.046	
285.00	286.00	1.00	1117896	0.022	
286.00	287.00	1.00	1117897	4.980	
287.00	288.00	1.00	1117898	17.000	
288.00	289.00	1.00	1117899	8.910	
289.00	290.00	1.00	1117901	0.110	
290.00	291.00	1.00	1117902	0.028	
291.00	292.00	1.00	1117903	0.388	
292.00	293.00	1.00	1117904	5.220	
293.00	294.00	1.00	1117905	0.129	
294.00	295.00	1.00	1117906	0.220	
295.00	296.00	1.00	1117907	0.019	
296.00	297.00	1.00	1117909	0.029	
297.00	298.00	1.00	1117910	0.064	
298.00	299.00	1.00	1117911	0.349	
299.00	300.00	1.00	1117912	0.159	
300.00	301.00	1.00	1117913	0.019	
301.00	302.00	1.00	1117914	0.018	
302.00	303.00	1.00	1117915	0.031	
303.00	304.00	1.00	1117917	0.019	
304.00	305.00	1.00	1117918	0.219	
305.00	306.00	1.00	1117919	0.024	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
306.00	307.00	1.00	1117920	0.014	
307.00	308.00	1.00	1117921	0.042	
308.00	309.00	1.00	1117922	0.090	
309.00	310.00	1.00	1117923	0.022	
310.00	311.00	1.00	1117925	0.029	
311.00	312.00	1.00	1117926	0.077	
312.00	313.00	1.00	1117927	0.011	
313.00	314.00	1.00	1117928	0.015	
314.00	315.00	1.00	1117929	0.059	
315.00	316.00	1.00	1117930	0.137	
316.00	317.00	1.00	1117931	0.018	
317.00	318.00	1.00	1117933	0.010	
318.00	319.00	1.00	1117934	0.266	
319.00	320.00	1.00	1117935	0.271	
320.00	321.00	1.00	1117936	0.027	
321.00	322.00	1.00	1117937	0.007	
322.00	323.00	1.00	1117938	0.068	
323.00	324.00	1.00	1117939	0.161	
324.00	325.00	1.00	1117941	0.036	
325.00	326.00	1.00	1117942	0.076	
326.00	327.00	1.00	1117943	0.083	
327.00	328.00	1.00	1117944	0.093	
328.00	329.00	1.00	1117945	0.107	
329.00	330.00	1.00	1117946	0.089	
330.00	331.00	1.00	1117947	0.563	
331.00	332.00	1.00	1117949	0.154	
332.00	333.00	1.00	1117950	0.133	
333.00	334.00	1.00	1117951	0.101	
334.00	335.00	1.00	1117952	0.024	
335.00	336.00	1.00	1117953	0.041	
336.00	337.00	1.00	1117954	0.116	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
337.00	338.00	1.00	1117955	0.266	
338.00	339.00	1.00	1117957	0.008	
339.00	340.00	1.00	1117958	0.008	
340.00	341.00	1.00	1117959	0.009	
341.00	342.00	1.00	1117960	0.013	
342.00	343.00	1.00	1117961	0.005	
343.00	344.00	1.00	1117962	0.129	
344.00	345.00	1.00	1117963	0.021	
345.00	346.00	1.00	1117965	0.013	
346.00	347.00	1.00	1117966	0.011	
347.00	348.00	1.00	1117967	0.013	
348.00	349.00	1.00	1117968	0.011	
349.00	350.00	1.00	1117969	0.052	
350.00	351.00	1.00	1117970	0.038	
351.00	352.00	1.00	1117971	0.098	
352.00	353.00	1.00	1117973	0.073	
353.00	354.00	1.00	1117974	0.144	
354.00	355.00	1.00	1117975	1.160	
355.00	356.00	1.00	1117976	0.137	
356.00	357.00	1.00	1117977	0.056	
357.00	358.00	1.00	1117978	0.064	
358.00	359.00	1.00	1117979	0.015	
359.00	360.00	1.00	1117981	0.005	
360.00	361.00	1.00	1117982	0.011	
361.00	362.00	1.00	1117983	0.003	
362.00	363.00	1.00	1117984	0.071	
363.00	364.00	1.00	1117985	0.014	
364.00	365.00	1.00	1117986	0.014	
365.00	366.00	1.00	1117987	0.006	
366.00	367.00	1.00	1117989	0.036	
367.00	368.00	1.00	1117990	0.023	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
368.00	369.00	1.00	1117991	0.021	
369.00	370.00	1.00	1117992	0.051	
370.00	371.00	1.00	1117993	0.011	
371.00	372.00	1.00	1117994	0.046	
372.00	373.00	1.00	1117995	0.363	
373.00	374.00	1.00	1117997	0.015	
374.00	375.00	1.00	1117998	0.015	
375.00	376.00	1.00	1117999	0.018	
376.00	377.00	1.00	1118000	0.132	
377.00	378.00	1.00	1118001	0.009	
378.00	379.00	1.00	1118002	0.011	
379.00	380.00	1.00	1118003	0.003	
380.00	381.00	1.00	1118005	0.045	
381.00	382.00	1.00	1118006	0.018	
382.00	383.00	1.00	1118007	0.162	
383.00	384.00	1.00	1118008	0.115	
384.00	385.00	1.00	1118009	0.051	
385.00	386.00	1.00	1118010	0.074	
386.00	387.00	1.00	1118011	0.194	
387.00	388.00	1.00	1118013	0.023	
388.00	389.00	1.00	1118014	0.005	
389.00	390.00	1.00	1118015	0.009	
390.00	391.00	1.00	1118016	0.008	
391.00	392.00	1.00	1118017	0.005	
392.00	393.00	1.00	1118018	0.003	
393.00	394.00	1.00	1118019	0.009	
394.00	395.00	1.00	1118021	0.006	
395.00	396.00	1.00	1118022	0.003	
396.00	397.00	1.00	1118023	0.013	
397.00	398.00	1.00	1118024	0.012	
398.00	399.00	1.00	1118025	0.003	



## Premier Gold Mines NWO Inc.

### Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
399.00	400.00	1.00	1118026	0.010	
400.00	401.00	1.00	1118027	0.102	
401.00	402.00	1.00	1118029	0.007	
402.00	403.00	1.00	1118030	0.014	
403.00	404.00	1.00	1118031	0.053	
404.00	405.00	1.00	1118032	0.084	
405.00	406.00	1.00	1118033	0.105	
406.00	407.00	1.00	1118034	0.104	
407.00	408.00	1.00	1118035	0.752	
408.00	409.00	1.00	1118037	0.111	
409.00	410.00	1.00	1118038	0.019	
410.00	411.00	1.00	1118039	0.161	
411.00	412.00	1.00	1118040	0.021	
412.00	413.00	1.00	1118041	0.021	
413.00	414.00	1.00	1118042	0.017	
414.00	415.00	1.00	1118043	0.048	
415.00	416.00	1.00	1118045	0.034	
416.00	417.00	1.00	1118046	0.033	
417.00	418.00	1.00	1118047	0.142	
418.00	419.00	1.00	1118048	0.025	
419.00	420.00	1.00	1118049	14.600	
420.00	421.00	1.00	1118050	0.293	
421.00	422.00	1.00	1118051	0.210	
422.00	423.00	1.00	1118053	0.186	
423.00	424.00	1.00	1118054	0.111	
424.00	425.00	1.00	1118055	0.059	
425.00	426.00	1.00	1118056	0.043	
426.00	427.00	1.00	1118057	0.101	
427.00	428.00	1.00	1118058	0.353	
428.00	429.00	1.00	1118059	0.031	
429.00	430.00	1.00	1118061	0.034	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
430.00	431.00	1.00	1118062	0.114	
431.00	432.00	1.00	1118063	0.112	
432.00	433.00	1.00	1118064	0.164	
433.00	434.00	1.00	1118065	0.012	
434.00	435.00	1.00	1118066	0.159	
435.00	436.00	1.00	1118067	0.203	
436.00	437.00	1.00	1118069	0.155	
437.00	438.00	1.00	1118070	0.021	
438.00	439.00	1.00	1118071	0.077	
439.00	440.00	1.00	1118072	0.100	
440.00	441.00	1.00	1118073	0.101	
441.00	442.00	1.00	1118074	14.000	
442.00	443.00	1.00	1118075	0.016	
443.00	444.00	1.00	1118077	0.053	
444.00	445.00	1.00	1118078	0.086	
445.00	446.00	1.00	1118079	0.011	
446.00	447.00	1.00	1118080	0.045	
447.00	448.00	1.00	1118081	0.064	
448.00	449.00	1.00	1118082	0.069	
449.00	450.00	1.00	1118083	0.170	
450.00	451.00	1.00	1118085	0.040	
451.00	452.00	1.00	1118086	0.093	
452.00	453.00	1.00	1118087	0.223	
453.00	454.00	1.00	1118088	0.034	
454.00	455.00	1.00	1118089	0.085	
455.00	456.00	1.00	1118090	2.060	
456.00	457.00	1.00	1118091	0.058	
457.00	458.00	1.00	1118093	0.017	
458.00	459.00	1.00	1118094	0.086	
459.00	460.00	1.00	1118095	0.005	
460.00	461.00	1.00	1118096	0.003	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
461.00	462.00	1.00	1118097	0.006	
462.00	463.00	1.00	1118098	0.016	
463.00	464.00	1.00	1118099	0.009	
464.00	465.00	1.00	1118101	0.009	
465.00	466.00	1.00	1118102	0.038	
466.00	467.00	1.00	1118103	0.496	
467.00	468.00	1.00	1118104	0.077	
468.00	469.00	1.00	1118105	0.211	
469.00	470.00	1.00	1118106	0.084	
470.00	471.00	1.00	1118107	0.005	
471.00	472.00	1.00	1118109	0.017	
472.00	473.00	1.00	1118110	0.041	
473.00	474.00	1.00	1118111	0.028	
474.00	475.00	1.00	1118112	0.011	
475.00	476.00	1.00	1118113	0.106	
476.00	477.00	1.00	1118114	0.071	
477.00	478.00	1.00	1118115	0.054	
478.00	479.00	1.00	1118117	0.013	
479.00	480.00	1.00	1118118	0.009	
480.00	481.00	1.00	1118119	0.065	
481.00	482.00	1.00	1118120	0.011	
482.00	483.00	1.00	1118121	0.007	
483.00	484.00	1.00	1118122	0.015	
484.00	485.00	1.00	1118123	0.034	
485.00	486.00	1.00	1118125	0.191	
486.00	487.00	1.00	1118126	0.016	
487.00	488.00	1.00	1118127	0.106	
488.00	489.00	1.00	1118128	0.109	
489.00	490.00	1.00	1118129	0.034	
490.00	491.00	1.00	1118130	0.026	
491.00	492.00	1.00	1118131	0.008	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
492.00	493.00	1.00	1118133	0.012	
493.00	494.00	1.00	1118134	0.012	
494.00	495.00	1.00	1118135	0.014	
495.00	496.00	1.00	1118136	0.116	
496.00	497.00	1.00	1118137	0.039	

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP169	Claims title:	K1378 (PAT-52628)	Section:	11300A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	M. DeGasperis	Start date:	13/02/2018	Description date:	14/02/2018
		End date:	06/03/2018		
<hr/>					
Collar					
			UTM		
Azimuth:	338.50°	East	441460.80		
Dip:	-77.00°	North	5651091.90		
Length:	1317.00	Elevation	380.40		
<hr/>					
Number of samples:	289				
Number of QAQC samples:	41				
Total sampled length:	304.50				
<hr/>					
Description:					
<p>From 0-400m was getting 2 degree lift from the 6m hexagonal core barrel. Needed more lift to hit target. At 400m told the drillers to start pushing and got 3 degrees of lift, not much drift to the right. Also note the 3 degree lift started to happen below -72 dip.</p>					
<hr/>					
Core size: NQ		Cemented: No		Stored: No	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 2.00 CS casing	
2.00 201.70 E1 PIL FOL W FG GNP grey to green volcanics (basalt)	
201.70 249.30 E2 15 MAS FOL W FG GRM medium grey, fine to medium grained intermediate volcanics.	242.80 243.80 I1 50 CHM FOL M MG GNM
249.30 280.30 E1 15 MAS FOL W MG GNM green to dark grey mafic volcanics.	
280.30 327.50 E2 33 MAS FOL W FG GRM	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>intermediate volcanics            327.50 331.60 E1            25            PIL            FOL            M            FG            GRD            mafic volcanics            331.60 343.60 E2            30            MAS            FOL            W            FG            GRM            intermediate vol            343.60 352.20 E2            12            MAS            FOL            W            MG            GRM            fine to med grained andesite            352.20 355.10 E2            20            LAP            FOL            W            FG            GRM</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
intermediate volcanics/tuff 355.10 359.30 E2 24 MAS FOL W FG GRD fine to medium grained andesite? 359.30 370.40 E2T 37 LAP FOL W FG GRM int vol with lappili. tuff.. 370.40 457.35 E2T 30 LAP FOL W FG GRD lapilli tuff 457.35 530.10 E2 35 PIL FOL M FG GRM	405.90 406.60 11 27 FOL W FG GNM



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
intermediate volcanics	468.70 472.00 11 52 CHM FOL M MG GNM

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
530.10 532.40 E2HF	
19	
MAS	
FOL	
W	
FG	
GRD	
grey to reddish andesite? fine to medium grained	
532.40 748.00 E2	585.90 586.40 11
25	37
PIL	CHM
FOL	FOL
W	W
FG	MG
GRM	GRD
intermediate volcanics. patches with and without lapilli.	
748.00 769.70 E2T	
45	
LAP	
FOL	
M	
FG	
GRP	
grey to beige tuff	
769.70 771.40 E1	
13	
PIL	
FOL	
S	
FG	
GND	
mafic volcanics	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>771.40 773.30 E2T            10            FOL            M            FG            GRM            intermediate volcanic/tuff            773.30 782.80 E2            35            MAS            FOL            W            FG            GRM            intermediate volcanics            782.80 787.10 E1            20            MAS            FG            GRD            mafic volcanics            787.10 793.40 E2            22            MAS            FLT            W            FG            GRM            intermediate volcanics            793.40 797.80 E1            32            MAS</p>	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FG GRD mafic volcanics 797.80 804.80 E2 42 MAS FOL W FG GRM intermediate volcanics 804.80 816.40 E1 70 MAS FG GRD mafic volcanics 816.40 887.40 E2 30 PIL FOL W FG GRM intermediate volcanics 887.40 890.70 E1 33 MAS FOL W FG GNM	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mafic volcanics 890.70 893.40 E2 30 MAS FRC W FG GRM	
intermediate volcanics 893.40 103... E1 32 MAS FOL W FG GNM	915.90 917.20 I1 10 CHM FOL W FG GND
mafic volcanics 103... 109... I3HP 80 POR FOL W MG GRD dark grey silicified hasaga porphyry. strongly sericite altered from 1067 to 1075.5m 109... 109... I1O 50 CHM FOL S MG	103... 103... I1 40 CHM FOL S CG BK 28.0°40.0°1

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
BK porphyritic mafic dyke. 109... 111... I3HP 80 POR FOL W CG GRM hasaga porphyry 111... 111... I1O 60 CHM FOL W FG GRP mineraized dyke. 111... 125... I3HP 40 POR FOL W CG GRM hasaga porphyry 125... 125... I1 20 POR FOL M MG	113... 113... I1 70 CHM FRC S FG BK

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>BK pyrite mineralized mafic dyke. 125... 128... I3HP POR FOL W CG GRP weakly mineralized hasaga porphyry 128... 131... E1 MAS FRC W FG GNM mafic volcanics</p>	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1003.50	1005.00	1.50	145499	0.007	
1005.00	1006.50	1.50	145500	0.021	
1006.50	1008.00	1.50	145501	0.005	
1008.00	1009.50	1.50	145502	0.054	
1009.50	1011.00	1.50	145503	0.043	
1011.00	1012.50	1.50	145505	0.008	
1012.50	1014.00	1.50	145506	0.006	
1014.00	1015.50	1.50	145507	0.011	
1015.50	1017.00	1.50	145508	0.016	
1017.00	1018.50	1.50	145509	0.010	
1018.50	1020.00	1.50	145510	0.006	
1020.00	1021.50	1.50	145511	0.037	
1021.50	1023.00	1.50	145513	0.005	
1023.00	1024.50	1.50	145514	0.015	
1024.50	1026.00	1.50	145515	0.011	
1026.00	1027.50	1.50	145516	0.031	
1027.50	1029.00	1.50	145517	0.044	
1029.00	1030.50	1.50	145518	0.012	
1030.50	1032.00	1.50	145519	0.051	
1032.00	1033.00	1.00	145521	0.718	
1033.00	1034.00	1.00	145522	0.817	
1034.00	1035.00	1.00	145523	0.370	
1035.00	1036.00	1.00	145524	0.851	
1036.00	1037.00	1.00	145525	0.447	
1037.00	1038.00	1.00	145526	9.970	
1038.00	1039.00	1.00	145527	17.400	
1039.00	1040.00	1.00	145529	15.700	
1040.00	1041.00	1.00	145530	0.169	
1041.00	1042.00	1.00	145531	0.085	
1042.00	1043.00	1.00	145532	0.038	
1043.00	1044.00	1.00	145533	0.109	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1044.00	1045.00	1.00	145534	0.286	
1045.00	1046.00	1.00	145535	0.033	
1046.00	1047.00	1.00	145537	1.300	
1047.00	1048.00	1.00	145538	0.391	
1048.00	1049.00	1.00	145539	0.285	
1049.00	1050.00	1.00	145540	0.108	
1050.00	1051.00	1.00	145541	0.038	
1051.00	1052.00	1.00	145542	0.111	
1052.00	1053.00	1.00	145543	0.019	
1053.00	1054.00	1.00	145545	0.298	
1054.00	1055.00	1.00	145546	0.118	
1055.00	1056.00	1.00	145547	0.172	
1056.00	1057.00	1.00	145548	0.021	
1057.00	1058.00	1.00	145549	0.067	
1058.00	1059.00	1.00	145550	3.450	
1059.00	1060.00	1.00	145551	0.067	
1060.00	1061.00	1.00	145553	0.060	
1061.00	1062.00	1.00	145554	1.300	
1062.00	1063.00	1.00	145555	0.997	
1063.00	1064.00	1.00	145556	0.536	
1064.00	1065.00	1.00	145557	0.854	
1065.00	1066.00	1.00	145558	0.059	
1066.00	1067.00	1.00	145559	0.155	
1067.00	1068.00	1.00	145561	0.087	
1068.00	1069.00	1.00	145562	0.022	
1069.00	1070.00	1.00	145563	0.119	
1070.00	1071.00	1.00	145564	0.208	
1071.00	1072.00	1.00	145565	0.034	
1072.00	1073.00	1.00	145566	0.287	
1073.00	1074.00	1.00	145567	0.219	
1074.00	1075.00	1.00	145569	20.000	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1075.00	1076.00	1.00	145570	0.028	
1076.00	1077.00	1.00	145571	0.089	
1077.00	1078.00	1.00	145572	0.018	
1078.00	1079.00	1.00	145573	0.003	
1079.00	1080.00	1.00	145574	0.042	
1080.00	1081.00	1.00	145575	0.021	
1081.00	1082.00	1.00	145577	0.054	
1082.00	1083.00	1.00	145578	0.189	
1083.00	1084.00	1.00	145579	1.130	
1084.00	1085.00	1.00	145580	0.053	
1085.00	1086.00	1.00	145581	0.078	
1086.00	1087.00	1.00	145582	0.151	
1087.00	1088.00	1.00	145583	0.503	
1088.00	1089.00	1.00	145585	0.176	
1089.00	1090.00	1.00	145586	0.295	
1090.00	1091.00	1.00	145587	0.136	
1091.00	1092.00	1.00	145588	0.156	
1092.00	1093.00	1.00	145589	0.104	
1093.00	1094.00	1.00	145590	0.022	
1094.00	1095.00	1.00	145591	0.008	
1095.00	1096.00	1.00	145593	0.005	
1096.00	1097.00	1.00	145594	0.009	
1097.00	1098.00	1.00	145595	2.780	
1098.00	1099.00	1.00	145596	5.970	
1099.00	1100.00	1.00	145597	0.215	
1100.00	1101.00	1.00	145598	0.046	
1101.00	1102.00	1.00	145599	0.014	
1102.00	1103.00	1.00	145601	0.164	
1103.00	1104.00	1.00	145602	0.048	
1104.00	1105.00	1.00	145603	0.575	
1105.00	1106.00	1.00	145604	0.408	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1106.00	1107.00	1.00	145605	0.116	
1107.00	1108.00	1.00	145606	0.210	
1108.00	1109.00	1.00	145607	0.038	
1109.00	1110.00	1.00	145609	0.043	
1110.00	1111.00	1.00	145610	0.044	
1111.00	1112.00	1.00	145611	0.049	
1112.00	1113.00	1.00	145612	0.719	
1113.00	1114.00	1.00	145613	0.188	
1114.00	1115.00	1.00	145614	0.032	
1115.00	1116.00	1.00	145615	0.008	
1116.00	1117.00	1.00	145617	0.012	
1117.00	1118.00	1.00	145618	2.500	
1118.00	1119.00	1.00	145619	0.025	
1119.00	1120.00	1.00	145620	0.361	
1120.00	1121.00	1.00	145621	0.178	
1121.00	1122.00	1.00	145622	0.101	
1122.00	1123.00	1.00	145623	0.058	
1123.00	1124.00	1.00	145625	0.056	
1124.00	1125.00	1.00	145626	0.486	
1125.00	1126.00	1.00	145627	0.039	
1126.00	1127.00	1.00	145628	0.013	
1127.00	1128.00	1.00	145629	0.035	
1128.00	1129.00	1.00	145630	0.020	
1129.00	1130.00	1.00	145631	0.421	
1130.00	1131.00	1.00	145633	0.069	
1131.00	1132.00	1.00	145634	0.033	
1132.00	1133.00	1.00	145635	1.660	
1133.00	1134.00	1.00	145636	0.288	
1134.00	1135.00	1.00	145637	0.080	
1135.00	1136.00	1.00	145638	0.038	
1136.00	1137.00	1.00	145639	0.515	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1137.00	1138.00	1.00	145641	0.926	
1138.00	1139.00	1.00	145642	0.049	
1139.00	1140.00	1.00	145643	0.003	
1140.00	1141.00	1.00	145644	0.009	
1141.00	1142.00	1.00	145645	0.003	
1142.00	1143.00	1.00	145646	0.073	
1143.00	1144.00	1.00	145647	0.124	
1144.00	1145.00	1.00	145649	0.175	
1145.00	1146.00	1.00	145650	0.008	
1146.00	1147.00	1.00	145651	0.028	
1147.00	1148.00	1.00	145652	0.319	
1148.00	1149.00	1.00	145653	0.059	
1149.00	1150.00	1.00	145654	0.081	
1150.00	1151.00	1.00	145655	0.013	
1151.00	1152.00	1.00	145657	0.005	
1152.00	1153.00	1.00	145658	0.003	
1153.00	1154.00	1.00	145659	0.010	
1154.00	1155.00	1.00	145660	6.180	
1155.00	1156.00	1.00	145661	0.215	
1156.00	1157.00	1.00	145662	0.022	
1157.00	1158.00	1.00	145663	0.034	
1158.00	1159.00	1.00	145665	0.182	
1159.00	1160.00	1.00	145666	0.010	
1160.00	1161.00	1.00	145667	0.022	
1161.00	1162.00	1.00	145668	0.009	
1162.00	1163.00	1.00	145669	0.021	
1163.00	1164.00	1.00	145670	0.023	
1164.00	1165.00	1.00	145671	0.050	
1165.00	1166.00	1.00	145673	0.135	
1166.00	1167.00	1.00	145674	0.110	
1167.00	1168.00	1.00	145675	0.700	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1168.00	1169.00	1.00	145676	2.810	
1169.00	1170.00	1.00	145677	0.227	
1170.00	1171.00	1.00	145678	0.314	
1171.00	1172.00	1.00	145679	0.318	
1172.00	1173.00	1.00	145681	0.034	
1173.00	1174.00	1.00	145682	0.772	
1174.00	1175.00	1.00	145683	0.010	
1175.00	1176.00	1.00	145684	0.007	
1176.00	1177.00	1.00	145685	0.003	
1177.00	1178.00	1.00	145686	0.022	
1178.00	1179.00	1.00	145687	0.019	
1179.00	1180.00	1.00	145689	0.030	
1180.00	1181.00	1.00	145690	0.044	
1181.00	1182.00	1.00	145691	0.028	
1182.00	1183.00	1.00	145692	0.733	
1183.00	1184.00	1.00	145693	0.019	
1184.00	1185.00	1.00	145694	0.120	
1185.00	1186.00	1.00	145695	0.008	
1186.00	1187.00	1.00	145697	0.003	
1187.00	1188.00	1.00	145698	0.003	
1188.00	1189.00	1.00	145699	0.009	
1189.00	1190.00	1.00	145700	0.034	
1190.00	1191.00	1.00	145701	0.047	
1191.00	1192.00	1.00	145702	0.117	
1192.00	1193.00	1.00	145703	0.025	
1193.00	1194.00	1.00	145705	0.030	
1194.00	1195.00	1.00	145706	0.057	
1195.00	1196.00	1.00	145707	0.041	
1196.00	1197.00	1.00	145708	0.034	
1197.00	1198.00	1.00	145709	0.031	
1198.00	1199.00	1.00	145710	0.013	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1199.00	1200.00	1.00	145711	0.013	
1200.00	1201.00	1.00	145713	0.013	
1201.00	1202.00	1.00	145714	0.003	
1202.00	1203.00	1.00	145715	0.077	
1203.00	1204.00	1.00	145716	0.014	
1204.00	1205.00	1.00	145717	0.069	
1205.00	1206.00	1.00	145718	0.025	
1206.00	1207.00	1.00	145719	0.055	
1207.00	1208.00	1.00	145721	0.112	
1208.00	1209.00	1.00	145722	0.039	
1209.00	1210.00	1.00	145723	114.000	
1210.00	1211.00	1.00	145724	3.520	
1211.00	1212.00	1.00	145725	0.028	
1212.00	1213.00	1.00	145726	0.011	
1213.00	1214.00	1.00	145727	0.014	
1214.00	1215.00	1.00	145729	0.023	
1215.00	1216.00	1.00	145730	0.026	
1216.00	1217.00	1.00	145731	0.099	
1217.00	1218.00	1.00	145732	0.036	
1218.00	1219.00	1.00	145733	0.014	
1219.00	1220.00	1.00	145734	0.017	
1220.00	1221.00	1.00	145735	0.015	
1221.00	1222.00	1.00	145737	0.208	
1222.00	1223.00	1.00	145738	0.017	
1223.00	1224.00	1.00	145739	0.014	
1224.00	1225.00	1.00	145740	0.010	
1225.00	1226.00	1.00	145741	0.011	
1226.00	1227.00	1.00	145742	0.018	
1227.00	1228.00	1.00	145743	0.044	
1228.00	1229.00	1.00	145745	0.020	
1229.00	1230.00	1.00	145746	0.003	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1230.00	1231.00	1.00	145747	0.003	
1231.00	1232.00	1.00	145748	0.007	
1232.00	1233.00	1.00	145749	6.180	
1233.00	1234.00	1.00	145750	0.024	
1234.00	1235.00	1.00	145751	0.231	
1235.00	1236.00	1.00	145753	0.014	
1236.00	1237.00	1.00	145754	0.014	
1237.00	1238.00	1.00	145755	0.006	
1238.00	1239.00	1.00	145756	0.033	
1239.00	1240.00	1.00	145757	0.107	
1240.00	1241.00	1.00	145758	0.051	
1241.00	1242.00	1.00	145759	0.008	
1242.00	1243.00	1.00	145761	0.015	
1243.00	1244.00	1.00	145762	0.015	
1244.00	1245.00	1.00	145763	0.053	
1245.00	1246.00	1.00	145764	0.019	
1246.00	1247.00	1.00	145765	0.019	
1247.00	1248.00	1.00	145766	0.071	
1248.00	1249.00	1.00	145767	0.114	
1249.00	1250.00	1.00	145769	0.108	
1250.00	1251.00	1.00	145770	0.030	
1251.00	1252.00	1.00	145771	0.050	
1252.00	1253.00	1.00	145772	0.030	
1253.00	1254.00	1.00	145773	0.011	
1254.00	1255.00	1.00	145774	0.047	
1255.00	1256.00	1.00	145775	0.031	
1256.00	1257.00	1.00	145777	0.028	
1257.00	1258.00	1.00	145778	0.017	
1258.00	1259.00	1.00	145779	0.009	
1259.00	1260.00	1.00	145780	0.077	
1260.00	1261.00	1.00	145781	0.024	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1261.00	1262.00	1.00	145782	0.013	
1262.00	1263.00	1.00	145783	0.034	
1263.00	1264.00	1.00	145785	0.010	
1264.00	1265.00	1.00	145786	0.010	
1265.00	1266.00	1.00	145787	0.015	
1266.00	1267.00	1.00	145788	0.095	
1267.00	1268.00	1.00	145789	0.062	
1268.00	1269.00	1.00	145790	0.029	
1269.00	1270.00	1.00	145791	0.009	
1270.00	1271.00	1.00	145793	0.009	
1271.00	1272.00	1.00	145794	0.011	
1272.00	1273.00	1.00	145795	0.030	
1273.00	1274.00	1.00	145796	0.154	
1274.00	1275.00	1.00	145797	0.097	
1275.00	1276.00	1.00	145798	0.084	
1276.00	1277.00	1.00	145799	0.017	
1277.00	1278.00	1.00	145801	0.053	
1278.00	1279.00	1.00	145802	0.085	
1279.00	1280.00	1.00	145803	0.061	
1280.00	1281.00	1.00	145804	0.037	
1281.00	1282.00	1.00	145805	0.025	
1282.00	1283.00	1.00	145806	0.200	
1283.00	1284.00	1.00	145807	0.025	
1284.00	1285.00	1.00	145809	0.415	
1285.00	1286.00	1.00	145810	0.015	
1286.00	1287.00	1.00	145811	0.093	
1287.00	1288.00	1.00	145812	0.003	
1288.00	1289.00	1.00	145813	0.014	
1289.00	1290.00	1.00	145814	0.022	
1290.00	1291.50	1.50	145815	0.015	
1291.50	1293.00	1.50	145817	0.003	



## Premier Gold Mines NWO Inc.

### Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1293.00	1294.50	1.50	145818	0.007	
1294.50	1296.00	1.50	145819	0.003	
1296.00	1297.50	1.50	145820	0.003	
1297.50	1299.00	1.50	145821	0.007	
1299.00	1300.50	1.50	145822	0.013	
1300.50	1302.00	1.50	145823	0.008	
1302.00	1303.50	1.50	145825	0.015	
1303.50	1305.00	1.50	145826	0.007	
1305.00	1306.50	1.50	145827	0.007	
1306.50	1308.00	1.50	145828	0.008	

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP169w1	Claims title:	K1378 (PAT-52628)	Section:	11300A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	M. Degasperis	Start date:	12/03/2018	Description date:	12/03/2018
		End date:	23/03/2018		
<b>Collar</b>					
			UTM		
Azimuth:	338.50°	East	441460.80		
Dip:	-77.00°	North	5651091.90		
Length:	1137.00	Elevation	380.40		
Number of samples:	157				
Number of QAQC samples:	23				
Total sampled length:	162.00				
<b>Description:</b>					
First wedge set at 600m. Second wedge set at 624m. Each set at 12 o' clock. Hole Lost at ~1137m. core barrel stuck.					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
588.00 656.50 E1 50 MAS FOL W FG GND MAFIC VOLCANIC 656.50 664.10 I1 30 CHM FRC W MG GND GABBRO DYKE 664.10 668.10 E1 50 MAS FOL W FG GND MAFIC VOLCANIC 668.10 675.60 I1 30 CHM FRC W MG GND GABBRO DYKE	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>675.60 733.30 E1            40            MAS            FOL            W            FG            GNM            mafic            733.30 739.00 E1            43            MAS            FOL            W            MG            GND            medium to fine grain, green mafic volcanics. too fine to be intrusive            739.00 742.10 E1T            35            MAS            FOL            M            FG            BGM            beige to grey volcanics            742.10 746.90 E1            42            MAS            FOL            M            FG            GND            volcanics</p>	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
746.90 782.80 E2	
20	
MAS	
FOL	
W	
FG	
GRM	
volcanics	
782.80 788.10 E1	
40	
CRX	
FG	
GRD	
dark grey to dark brown. fine grained with little to no strain. minor magnetite crystals disseminated	
788.10 992.40 E2	812.10 815.90 I1
45	32
MAS	CHM
FOL	FOL
W	W
FG	MG
GRM	GND
volcanics	
992.40 113... I3HP	109... 109... I1
50	26
POR	FOL
FOL	W
W	FG
CG	GRD
GRD	
hasaga porphyry	
113... 113... E1	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>15 MAS FOL S FG GRD volcanics. Could be the final contact. Had to shut hole down due to rods stuck at 1137m</p>	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
975.00	976.50	1.50	145829	0.008	
976.50	978.00	1.50	145830	0.003	
978.00	979.50	1.50	145831	0.008	
979.50	981.00	1.50	145833	0.006	
981.00	982.50	1.50	145834	0.008	
982.50	984.00	1.50	145835	0.005	
984.00	985.50	1.50	145836	0.003	
985.50	987.00	1.50	145837	0.006	
987.00	988.50	1.50	145838	0.003	
988.50	990.00	1.50	145839	0.006	
990.00	991.00	1.00	145841	0.007	
991.00	992.00	1.00	145842	0.023	
992.00	993.00	1.00	145843	0.540	
993.00	994.00	1.00	145844	49.700	
994.00	995.00	1.00	145845	1.130	
995.00	996.00	1.00	145846	3.170	
996.00	997.00	1.00	145847	51.800	
997.00	998.00	1.00	145849	0.823	
998.00	999.00	1.00	145850	0.327	
999.00	1000.00	1.00	145851	0.199	
1000.00	1001.00	1.00	145852	0.067	
1001.00	1002.00	1.00	145853	0.040	
1002.00	1003.00	1.00	145854	0.049	
1003.00	1004.00	1.00	145855	0.008	
1004.00	1005.00	1.00	145857	1.510	
1005.00	1006.00	1.00	145858	1.010	
1006.00	1007.00	1.00	145859	0.360	
1007.00	1008.00	1.00	145860	0.019	
1008.00	1009.00	1.00	145861	0.857	
1009.00	1010.00	1.00	145862	0.056	
1010.00	1011.00	1.00	145863	0.858	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1011.00	1012.00	1.00	145865	0.621	
1012.00	1013.00	1.00	145866	0.180	
1013.00	1014.00	1.00	145867	0.114	
1014.00	1015.00	1.00	145868	0.206	
1015.00	1016.00	1.00	145869	0.205	
1016.00	1017.00	1.00	145870	0.486	
1017.00	1018.00	1.00	145871	0.340	
1018.00	1019.00	1.00	145873	0.275	
1019.00	1020.00	1.00	145874	0.035	
1020.00	1021.00	1.00	145875	0.202	
1021.00	1022.00	1.00	145876	0.247	
1022.00	1023.00	1.00	145877	0.241	
1023.00	1024.00	1.00	145878	0.268	
1024.00	1025.00	1.00	145879	7.420	
1025.00	1026.00	1.00	145881	2.720	
1026.00	1027.00	1.00	145882	0.072	
1027.00	1028.00	1.00	145883	17.100	
1028.00	1029.00	1.00	145884	0.136	
1029.00	1030.00	1.00	145885	0.193	
1030.00	1031.00	1.00	145886	1.510	
1031.00	1032.00	1.00	145887	0.158	
1032.00	1033.00	1.00	145889	0.009	
1033.00	1034.00	1.00	145890	0.011	
1034.00	1035.00	1.00	145891	0.163	
1035.00	1036.00	1.00	145892	0.031	
1036.00	1037.00	1.00	145893	0.106	
1037.00	1038.00	1.00	145894	0.103	
1038.00	1039.00	1.00	145895	0.650	
1039.00	1040.00	1.00	145897	0.403	
1040.00	1041.00	1.00	145898	0.098	
1041.00	1042.00	1.00	145899	0.018	



Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1042.00	1043.00	1.00	145900	0.024	
1043.00	1044.00	1.00	145901	0.046	
1044.00	1045.00	1.00	145902	0.020	
1045.00	1046.00	1.00	145903	0.045	
1046.00	1047.00	1.00	145905	0.257	
1047.00	1048.00	1.00	145906	0.248	
1048.00	1049.00	1.00	145907	0.024	
1049.00	1050.00	1.00	145908	2.600	
1050.00	1051.00	1.00	145909	0.529	
1051.00	1052.00	1.00	145910	0.028	
1052.00	1053.00	1.00	145911	0.024	
1053.00	1054.00	1.00	145913	0.045	
1054.00	1055.00	1.00	145914	0.659	
1055.00	1056.00	1.00	145915	0.138	
1056.00	1057.00	1.00	145916	0.334	
1057.00	1058.00	1.00	145917	0.018	
1058.00	1059.00	1.00	145918	0.012	
1059.00	1060.00	1.00	145919	0.518	
1060.00	1061.00	1.00	145921	0.705	
1061.00	1062.00	1.00	145922	0.357	
1062.00	1063.00	1.00	145923	0.118	
1063.00	1064.00	1.00	145924	0.012	
1064.00	1065.00	1.00	145925	3.870	
1065.00	1066.00	1.00	145926	0.178	
1066.00	1067.00	1.00	145927	1.510	
1067.00	1068.00	1.00	145929	0.040	
1068.00	1069.00	1.00	145930	0.654	
1069.00	1070.00	1.00	145931	0.068	
1070.00	1071.00	1.00	145932	0.045	
1071.00	1072.00	1.00	145933	0.126	
1072.00	1073.00	1.00	145934	0.605	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1073.00	1074.00	1.00	145935	0.014	
1074.00	1075.00	1.00	145937	0.049	
1075.00	1076.00	1.00	145938	0.061	
1076.00	1077.00	1.00	145939	0.256	
1077.00	1078.00	1.00	145940	1.260	
1078.00	1079.00	1.00	145941	0.366	
1079.00	1080.00	1.00	145942	0.125	
1080.00	1081.00	1.00	145943	0.218	
1081.00	1082.00	1.00	145945	0.061	
1082.00	1083.00	1.00	145946	0.078	
1083.00	1084.00	1.00	145947	1.490	
1084.00	1085.00	1.00	145948	0.342	
1085.00	1086.00	1.00	145949	0.335	
1086.00	1087.00	1.00	145950	1.140	
1087.00	1088.00	1.00	145951	0.380	
1088.00	1089.00	1.00	145953	1.700	
1089.00	1090.00	1.00	145954	0.277	
1090.00	1091.00	1.00	145955	33.400	
1091.00	1092.00	1.00	145956	18.100	
1092.00	1093.00	1.00	145957	0.013	
1093.00	1094.00	1.00	145958	2.020	
1094.00	1095.00	1.00	145959	36.100	
1095.00	1096.00	1.00	145961	0.017	
1096.00	1097.00	1.00	145962	0.048	
1097.00	1098.00	1.00	145963	0.009	
1098.00	1099.00	1.00	145964	0.015	
1099.00	1100.00	1.00	145965	0.039	
1100.00	1101.00	1.00	145966	0.012	
1101.00	1102.00	1.00	145967	0.006	
1102.00	1103.00	1.00	145969	0.041	
1103.00	1104.00	1.00	145970	0.025	

## Premier Gold Mines NWO Inc.

### Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1104.00	1105.00	1.00	145971	0.003	
1105.00	1106.00	1.00	145972	0.003	
1106.00	1107.00	1.00	145973	0.035	
1107.00	1108.00	1.00	145974	0.155	
1108.00	1109.00	1.00	145975	0.007	
1109.00	1110.00	1.00	145977	0.008	
1110.00	1111.00	1.00	145978	0.013	
1111.00	1112.00	1.00	145979	0.017	
1112.00	1113.00	1.00	145980	0.003	
1113.00	1114.00	1.00	145981	0.008	
1114.00	1115.00	1.00	145982	0.008	
1115.00	1116.00	1.00	145983	0.007	
1116.00	1117.00	1.00	145985	0.005	
1117.00	1118.00	1.00	145986	0.006	
1118.00	1119.00	1.00	145987	0.006	
1119.00	1120.00	1.00	145988	0.003	
1120.00	1121.00	1.00	145989	0.003	
1121.00	1122.00	1.00	145990	0.003	
1122.00	1123.00	1.00	145991	0.006	
1123.00	1124.00	1.00	145993	0.014	
1124.00	1125.00	1.00	145994	0.035	
1125.00	1126.00	1.00	145995	0.052	
1126.00	1127.00	1.00	145996	0.041	
1127.00	1128.00	1.00	145997	0.192	
1128.00	1129.00	1.00	145998	0.283	
1129.00	1130.00	1.00	145999	0.137	
1130.00	1131.00	1.00	146001	0.073	
1131.00	1132.00	1.00	146002	0.021	
1132.00	1133.00	1.00	146003	0.005	
1133.00	1134.00	1.00	146004	0.013	
1134.00	1135.00	1.00	146005	0.035	

# Premier Gold Mines NWO Inc.

## Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1135.00	1136.00	1.00	146006	0.052	
1136.00	1137.00	1.00	146007	0.086	

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP169w2	Claims title:	K1378 (PAT-52628)	Section:	11300A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	23/03/2018	Description date:	23/03/2018
		End date:	02/04/2018		
<b>Collar</b>					
			UTM		
Azimuth:	338.50°	East	441460.80		
Dip:	-77.00°	North	5651091.90		
Length:	887.60	Elevation	380.40		
Number of samples:	0				
Number of QAQC samples:	0				
Total sampled length:	0.00				
<b>Description:</b>					
<p>Drill stuck at 900m and the drill barrels could not be retrieved. Attempting to cut between bottom of hole and 2nd wedge. HOLE LOST!</p> <p>Two wedges placed;</p> <p>1st at 496m between 10 and 11 o'clock</p> <p>2nd at 525m between 10 and 11 o'clock</p>					
Core size: NQ		Cemented: No		Stored: No	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
496.00 550.30 E1	524.50 524.80 11
MAS	23
FOL	CHM
M	FOL
FG	W
GRD	FG
volcanics	BK
550.30 556.00 E2	
15	
MAS	
FOL	
W	
MG	
GRM	
intermediate volcanics (andesite)	
556.00 567.50 E1	559.50 560.30 11
23	25
MAS	CHM
FOL	FOL
M	S
FG	MG
GRD	GRD
volcanics	
567.50 586.30 E2	
54	
MAS	
FOL	
W	
FG	
GRM	
intermediate volcanics	
586.30 587.00 E1	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
25 MAS FOL M FG GRD volcancis 587.00 593.30 E2	
25 MAS FOL W MG GRM intermeiate 593.30 604.30 E1	
60 MAS FOL W FG GRD basalt 604.30 610.00 E2	
48 MAS MG GRM andesite 610.00 628.00 E1	
45 MAS	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FOL	
W	
FG	
GRD	
volcanics	
628.00 629.50 E2T	
30	
MAS	
W	
MG	
GRM	
andesite	
629.50 640.20 E1	
30	
MAS	
FOL	
W	
FG	
GRD	
volcanics	
640.20 686.50 E2	673.80 673.90 I1
30	40
LAP	CHM
FG	FG
GRM	BK
lapilli tuff with fragments (1-6cm).	
686.50 788.20 E2	
35	
MAS	
FOL	
M	
FG	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>GRM intermediate volcanics with a moderate foliation and multiple dykes (litho 2).</p>	<p>724.70 726.60 E1 30 CHM FOL W FG</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>788.20 795.20 I2  80  CHM  FOL  W  FG  GNM  green intermediate intrusion with slight foliation and chilled margins  795.20 801.40 E2  80  MAS  FOL  M  FG  GRM  intermediate volcanics  801.40 807.95 E2T  80  MAS  FOL  W  MG  GRM  intermediate, medium grey tuff  807.95 811.00 E2  45  MAS  FOL  M  FG  GRM</p>	<p>GRM</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>intermediate volcanics with moderate foliation                      811.00 813.50 E2HF                      35                      MAS                      MG                      GRM                      andesite                      813.50 830.75 E1                      50                      MAS                      FOL                      W                      FG                      GRD                      mafic volcanics. zone of pyrite mineralization (brownish color to the rock)                      830.75 839.65 E2HF                      45                      MAS                      MG                      GRM                      andesite                      839.65 848.90 E1                      40                      MAS                      FOL                      W                      FG                      GRD                      mafic volcanics                      848.90 878.50 E1T                      35                      LAP</p>	<p>824.34 825.30 I2                      75                      CHM                      FG                      GNM                        840.20 840.40 E1                      45                      MAS                      FOL                      W                      FG                      GRD</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>FOL W MG GRM lapilli tuff with interbedded intermediate volcanics with gradational contacts.</p>	<p>848.90 853.50 12 35 MAS</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>878.50 884.70 E1 50 MAS FOL W FG GRM mafic volcanics 884.70 887.60 E2 43 MAS FOL W FG GRM intermediate volcanics</p>	<p>FG GRM</p>

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP169w3	Claims title:	K1378 (PAT-52628)	Section:	11300A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	05/04/2018	Description date:	05/04/2018
		End date:	15/04/2018		
<b>Collar</b>					
			UTM		
Azimuth:	338.50°	East	441460.80		
Dip:	-77.00°	North	5651091.90		
Length:	1098.00	Elevation	380.40		
Number of samples:	126				
Number of QAQC samples:	17				
Total sampled length:	140.00				
<b>Description:</b>					
1st wedge set at 475m; 2nd set at 520m. Both set at 10 to 11 oclock (300 and 320 degrees, respectively) using 3m hexagonal, single shell/back-end as soon as possible.					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>475.50 540.70 E1            MAS            FOL            W            FG            GND            mafic volcanics            540.70 554.90 E2            60            MAS            FOL            W            MG            GRM            medium grained, intermediate volcanics (andesite texture/colour), carbonate veining commonly seen in mafic volcanics still present.            554.90 559.20 E1            45            MAS            FOL            W            FG            GRD            mafic volcanics            559.20 586.80 E2            50            MAS            FLT            W            FG            GRM            intermediate volcanics</p>	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
586.80 590.94 E2 40 MAS FOL W MG SAP andesite	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>590.94 605.35 E2            42            MAS            FOL            W            FG            GRM            intermediate volcanics with weak carbonate alteration in fracture and semi            pervasive epidote alteration            605.35 612.90 E2            45            MAS            FOL            W            MG            SAP            andesite            612.90 625.50 E2            43            MAS            FOL            W            FG            GRM</p>	<p>588.80 589.10 E1            50            MAS            FOL            M            MG            GRM            mafic intrusive with moderate foliation</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>intermediate volcanics  625.50 627.50 E2  50  MAS  FOL  W  MG  SAP  andesite  627.50 636.00 E2T  48  POR  FOL  M  MG  GRM  intermediate tuff  636.00 645.10 E2  45  MAS  FOL  W  FG  GRM  intermediate volcanics  645.10 689.90 E2T  50  LAP  FOL  M  MG  GRM</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
intermediate tuff with lapilli	670.30 670.50 E1 68 MAS FOL W FG GRD

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>689.90 720.70 E2                      53                      PIL                      FOL                      W                      FG                      GRM                      intermediate volcanics.                      720.70 745.60 ET                      46                      POR                      FOL                      M                      MG                      GRM                      tuff, some units contain lapilli fragments, others do not. Pinkish colour throughout perhaps due to wweak k-feld alteration                      745.60 799.60 E2                      50                      MAS                      FOL                      W                      FG                      GRM                      intermediate volcanics                      799.60 803.00 E2P                      45                      PIL                      MG                      SAP                      andesite</p>	<p>mafic volcanics within tuff                      710.17 710.61 I2                      40                      MAS                      FG                      GNM                      intermediate intrusive with pervasive chlorite alteration</p> <p>758.85 759.30 I2                      52                      MAS                      FOL                      W                      MG                      GNM                      fine to medium grained greenish intermediate intrusive</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
803.00 841.00 E2 65 MAS FOL W MG GRM intermediate volcanics	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
	805.30 805.60 I2 60 MAS FOL W FG GNM intermediate intrusive
841.00 872.00 ET 48 MAS FOL M MG GRM tuff	849.35 852.00 I2 50 MAS FOL M MG GNP pale green-medium grey foliated intermediate intrusive
872.00 888.50 E2 45 MAS FOL W FG GRM intermediate volcanics	
888.50 924.00 E2 55 PIL FOL M MG GRD mafic tuff	892.40 892.75 E1 53 MAS FG GRD mafic volcanic intrusion

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>924.00 955.70 E1            48            MAS            FOL            W            FG            GND            mafic volcanics            955.70 101... I3HP            70            POR            FOL            W            CG            GRM            hasaga porphyry            101... 101... I1O            45            POR            FOL            S            MG            BK            old dyke. maybe with a clast of porphyry in it?            101... 104... I3HP            40            POR            FOL            W            MG            GRM            hasaga porphyry</p>	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>104... 108... E1 40 MAS FOL W FG GRD mafic volcanics 108... 108... I3HP 45 POR FOL W MG GRM hasaga porphyry. Intersect a small offshoot/finger of the porphyry 108... 109... E1 45 MAS FOL W FG GRD mafic volcanics</p>	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
934.00	935.50	1.50	146009	0.024	
935.50	937.00	1.50	146010	0.003	
937.00	938.50	1.50	146011	0.006	
938.50	940.00	1.50	146012	0.006	
940.00	941.50	1.50	146013	0.003	
941.50	943.00	1.50	146014	0.003	
943.00	944.50	1.50	146015	0.003	
944.50	946.00	1.50	146017	0.005	
946.00	947.50	1.50	146018	0.003	
947.50	949.00	1.50	146019	0.022	
949.00	950.50	1.50	146020	0.095	
950.50	952.00	1.50	146021	0.023	
952.00	953.50	1.50	146022	0.006	
953.50	955.00	1.50	146023	0.141	
955.00	956.00	1.00	146025	0.290	
956.00	957.00	1.00	146026	0.373	
957.00	958.00	1.00	146027	7.130	
958.00	959.00	1.00	146028	4.900	
959.00	960.00	1.00	146029	0.281	
960.00	961.00	1.00	146030	2.080	
961.00	962.00	1.00	146031	0.208	
962.00	963.00	1.00	146033	0.090	
963.00	964.00	1.00	146034	0.247	
964.00	965.00	1.00	146035	0.125	
965.00	966.00	1.00	146036	0.171	
966.00	967.00	1.00	146037	0.711	
967.00	968.00	1.00	146038	1.150	
968.00	969.00	1.00	146039	2.350	
969.00	970.00	1.00	146041	1.380	
970.00	971.00	1.00	146042	3.350	
971.00	972.00	1.00	146043	6.470	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
972.00	973.00	1.00	146044	1.640	
973.00	974.00	1.00	146045	0.126	
974.00	975.00	1.00	146046	0.073	
975.00	976.00	1.00	146047	0.559	
976.00	977.00	1.00	146049	19.200	
977.00	978.00	1.00	146050	5.440	
978.00	979.00	1.00	146051	23.000	
979.00	980.00	1.00	146052	1.320	
980.00	981.00	1.00	146053	0.631	
981.00	982.00	1.00	146054	0.706	
982.00	983.00	1.00	146055	0.027	
983.00	984.00	1.00	146057	0.073	
984.00	985.00	1.00	146058	0.068	
985.00	986.00	1.00	146059	0.058	
986.00	987.00	1.00	146060	0.108	
987.00	988.00	1.00	146061	0.003	
988.00	989.00	1.00	146062	0.300	
989.00	990.00	1.00	146063	0.108	
990.00	991.00	1.00	146065	0.112	
991.00	992.00	1.00	146066	0.070	
992.00	993.00	1.00	146067	0.003	
993.00	994.00	1.00	146068	0.690	
994.00	995.00	1.00	146069	0.368	
995.00	996.00	1.00	146070	0.810	
996.00	997.00	1.00	146071	0.246	
997.00	998.00	1.00	146073	2.930	
998.00	999.00	1.00	146074	0.314	
999.00	1000.00	1.00	146075	0.076	
1000.00	1001.00	1.00	146076	0.455	
1001.00	1002.00	1.00	146077	6.260	
1002.00	1003.00	1.00	146078	0.581	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1003.00	1004.00	1.00	146079	0.060	
1004.00	1005.00	1.00	146081	0.431	
1005.00	1006.00	1.00	146082	0.920	
1006.00	1007.00	1.00	146083	0.076	
1007.00	1008.00	1.00	146084	0.098	
1008.00	1009.00	1.00	146085	0.117	
1009.00	1010.00	1.00	146086	0.382	
1010.00	1011.00	1.00	146087	0.234	
1011.00	1012.00	1.00	146089	0.359	
1012.00	1013.00	1.00	146090	0.045	
1013.00	1014.00	1.00	146091	0.128	
1014.00	1015.00	1.00	146092	1.190	
1015.00	1016.00	1.00	146093	1.020	
1016.00	1017.00	1.00	146094	0.392	
1017.00	1018.00	1.00	146095	0.073	
1018.00	1019.00	1.00	146097	0.138	
1019.00	1020.00	1.00	146098	0.087	
1020.00	1021.00	1.00	146099	0.036	
1021.00	1022.00	1.00	146100	0.258	
1022.00	1023.00	1.00	146101	0.078	
1023.00	1024.00	1.00	146102	0.333	
1024.00	1025.00	1.00	146103	0.062	
1025.00	1026.00	1.00	146105	0.447	
1026.00	1027.00	1.00	146106	0.067	
1027.00	1028.00	1.00	146107	0.013	
1028.00	1029.00	1.00	146108	0.057	
1029.00	1030.00	1.00	146109	1.420	
1030.00	1031.00	1.00	146110	0.112	
1031.00	1032.00	1.00	146111	1.300	
1032.00	1033.00	1.00	146113	0.051	
1033.00	1034.00	1.00	146114	1.710	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1034.00	1035.00	1.00	146115	0.097	
1035.00	1036.00	1.00	146116	0.231	
1036.00	1037.00	1.00	146117	0.201	
1037.00	1038.00	1.00	146118	0.589	
1038.00	1039.00	1.00	146119	0.330	
1039.00	1040.00	1.00	146121	0.101	
1040.00	1041.00	1.00	146122	0.254	
1041.00	1042.00	1.00	146123	0.075	
1042.00	1043.00	1.00	146124	0.029	
1043.00	1044.00	1.00	146125	0.040	
1044.00	1045.00	1.00	146126	0.166	
1045.00	1046.00	1.00	146127	0.318	
1046.00	1047.00	1.00	146129	0.101	
1047.00	1048.00	1.00	146130	0.044	
1048.00	1049.00	1.00	146131	0.036	
1049.00	1050.00	1.00	146132	1.770	
1050.00	1051.50	1.50	146133	0.021	
1051.50	1053.00	1.50	146134	0.008	
1053.00	1054.50	1.50	146135	0.011	
1054.50	1056.00	1.50	146137	0.005	
1056.00	1057.50	1.50	146138	0.008	
1057.50	1059.00	1.50	146139	0.009	
1059.00	1060.50	1.50	146140	0.027	
1060.50	1062.00	1.50	146141	0.011	
1062.00	1063.50	1.50	146142	0.007	
1063.50	1065.00	1.50	146143	0.003	
1065.00	1066.50	1.50	146145	0.003	
1066.50	1068.00	1.50	146146	0.005	
1068.00	1069.50	1.50	146147	0.003	
1069.50	1071.00	1.50	146148	0.003	
1080.00	1081.00	1.00	146149	0.003	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1081.00	1082.00	1.00	146150	0.003	
1082.00	1083.00	1.00	146151	0.003	

Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP170</b>	Claims title:	K1429 (PAT-6720)	Section:	9650A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	BUFFALO
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	M. DeGasperis	Start date:	14/02/2018	Description date:	14/02/2018
		End date:	21/02/2018		

Collar

Azimuth: 345.00°  
Dip: -75.00°  
Length: 549.00

UTM

East	439875.50
North	5650653.20
Elevation	359.10

Number of samples: 257  
Number of QAQC samples: 37  
Total sampled length: 318.00

Description:

only getting 1-1.5 degree lift from 3m hegonal barrels starting at -75 dip.

Core size: NQ

Cemented: No

Stored: No

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>0.00 9.50 CS  casing  9.50 166.30 E1  PIL  FOL  W  FG  GRD  volcanics (basalt)  166.30 170.00 E2  14  MAS  FOL  W  FG  GRM  int volcanic  170.00 212.90 E1  18  PIL  FOL  W  FG  GRD  mafiv volcanics  212.90 217.70 E2T  37  LAP  FOL  W  FG  GRM</p>	



# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
tuff 217.70 220.10 E1 60 PIL FOL M FG GRD basalt 220.10 226.30 E2 20 MAS FOL W FG GRM int volcanics 226.30 232.40 E1 43 PIL FOL S FG GRD strongly deformed and carbonatized (calcite) 232.40 236.30 I3DS 47 POR FOL W CG GRM	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>dome 236.30 239.70 E1 60 PIL FOL S FG GRD strongly deformed and carb altered volcanics 239.70 240.40 I3DS 31 POR FOL W CG GRM dome 240.40 241.10 E1 37 PIL FOL S FG GRD strongly foliated/deformed and carb altered volcanics 241.10 274.80 I3DS 54 POR FOL W CG GRM</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
dome	264.10 264.90 11 57 CHM FOL M FG GRD

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
274.80 278.80 E1	
49	
FOL	
S	
FG	
GRD	
volcanics	
278.80 279.40 I3DS	
55	
POR	
FOL	
W	
CG	
GRM	
grey to reddish/purplish dome stock	
279.40 284.00 E1	
51	
MAS	
FOL	
W	
FG	
GRD	
volcanics	
284.00 293.20 I3DS	287.30 288.20 E1
48	49
POR	MAS
FOL	FOL
W	S
CG	FG
GRM	GND
grey to pink/purpleish dome stock	
293.20 296.90 E1	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>40            MAS            FOL            W            FG            GRM            volcanics            296.90 297.40 I3DS            45            POR            FOL            W            CG            GRM            grey to purple dome stock. kfeld alt            297.40 302.60 E1            35            MAS            FOL            W            FG            GRM            volcanics            302.60 309.50 I3DS            60            POR            FOL            W            CG            GRD            grey to purple dome. kfeld and sericite altered            309.50 323.80 E1</p>	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>50            MAS            FOL            M            FG            GRD            volcanics            323.80 346.40 I3DS            57            POR            FOL            M            CG            GRD            grey to purple dome with interfingering of volcanics            346.40 350.60 I1            45            CHM            FOL            M            MG            GNM            mafic intrusive            350.60 375.45 I3DS            31            POR            FOL            W            CG            GRM            dome            375.45 387.10 I1</p>	<p>343.30 344.10 I2            30            MAS            FOL            W            FG            BGM</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
72 CHM FOL M MG GNM mafic dyke 387.10 402.00 I3DS 36 POR FOL W CG GRD dome 402.00 405.60 E1 15 FOL W FG GRD mafic volcanics 405.60 406.30 I3DS 5 FOL W FG GRD dome 406.30 415.30 I1 10 CHM	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FOL M MG GRP mafic/intermediate dyke 415.30 421.40 I3DS 17 POR FOL W CG GRM dome 421.40 428.70 I1 45 CHM FOL M MG GNM green to grey dyke 428.70 451.30 I3DS 10 POR FOL W CG GRM dome 451.30 455.70 I1 5 CHM	



# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>FOL M FG GRM mafic dyke 455.70 464.10 I3DS 20 POR FOL W CG GRM dome 464.10 468.20 I1 20 CHM FOL W MG GRD mafic dyke 468.20 549.00 I3DS 20 POR FOL W CG GRM dome</p>	<p>470.90 471.70 I1 77 CHM FOL M FG GNM</p>

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
231.00	232.50	1.50	1118138	0.150	
232.50	234.00	1.50	1118139	0.027	
234.00	235.50	1.50	1118141	0.095	
235.50	237.00	1.50	1118142	0.032	
237.00	238.50	1.50	1118143	0.008	
238.50	240.00	1.50	1118144	0.020	
240.00	241.50	1.50	1118145	0.118	
241.50	243.00	1.50	1118146	0.034	
243.00	244.50	1.50	1118147	0.025	
244.50	246.00	1.50	1118149	0.035	
246.00	247.50	1.50	1118150	0.078	
247.50	249.00	1.50	1118151	0.026	
249.00	250.50	1.50	1118152	0.081	
250.50	252.00	1.50	1118153	0.527	
252.00	253.50	1.50	1118154	0.187	
253.50	255.00	1.50	1118155	0.096	
255.00	256.50	1.50	1118157	0.035	
256.50	258.00	1.50	1118158	0.100	
258.00	259.50	1.50	1118159	0.082	
259.50	261.00	1.50	1118160	0.121	
261.00	262.50	1.50	1118161	0.190	
262.50	264.00	1.50	1118162	0.264	
264.00	265.50	1.50	1118163	0.088	
265.50	267.00	1.50	1118165	0.189	
267.00	268.50	1.50	1118166	0.113	
268.50	270.00	1.50	1118167	0.101	
270.00	271.50	1.50	1118168	0.064	
271.50	273.00	1.50	1118169	0.076	
273.00	274.50	1.50	1118170	0.134	
274.50	276.00	1.50	1118171	0.187	
276.00	277.50	1.50	1118173	0.069	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
277.50	279.00	1.50	1118174	0.125	
279.00	280.50	1.50	1118175	0.014	
280.50	282.00	1.50	1118176	0.023	
282.00	283.50	1.50	1118177	0.034	
283.50	285.00	1.50	1118178	0.013	
285.00	286.50	1.50	1118179	0.022	
286.50	288.00	1.50	1118181	0.025	
288.00	289.50	1.50	1118182	0.029	
289.50	291.00	1.50	1118183	0.021	
291.00	292.50	1.50	1118184	0.057	
292.50	294.00	1.50	1118185	0.046	
294.00	295.50	1.50	1118186	0.006	
295.50	297.00	1.50	1118187	0.016	
297.00	298.50	1.50	1118189	0.041	
298.50	300.00	1.50	1118190	0.003	
300.00	301.50	1.50	1118191	0.025	
301.50	303.00	1.50	1118192	0.027	
303.00	304.50	1.50	1118193	0.053	
304.50	306.00	1.50	1118194	0.019	
306.00	307.50	1.50	1118195	0.007	
307.50	309.00	1.50	1118197	0.089	
309.00	310.50	1.50	1118198	0.017	
310.50	312.00	1.50	1118199	0.870	
312.00	313.50	1.50	1118200	0.024	
313.50	315.00	1.50	1118201	0.033	
315.00	316.50	1.50	1118202	0.020	
316.50	318.00	1.50	1118203	9.060	
318.00	319.50	1.50	1118205	0.157	
319.50	321.00	1.50	1118206	0.377	
321.00	322.50	1.50	1118207	0.248	
322.50	324.00	1.50	1118208	0.591	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
324.00	325.50	1.50	1118209	0.097	
325.50	327.00	1.50	1118210	0.023	
327.00	328.50	1.50	1118211	0.103	
328.50	330.00	1.50	1118213	0.078	
330.00	331.50	1.50	1118214	0.028	
331.50	333.00	1.50	1118215	0.011	
333.00	334.50	1.50	1118216	0.024	
334.50	336.00	1.50	1118217	0.013	
336.00	337.50	1.50	1118218	0.041	
337.50	339.00	1.50	1118219	0.077	
339.00	340.00	1.00	1118221	0.067	
340.00	341.00	1.00	1118222	0.078	
341.00	342.00	1.00	1118223	0.272	
342.00	343.00	1.00	1118224	0.035	
343.00	344.00	1.00	1118225	0.599	
344.00	345.00	1.00	1118226	0.168	
345.00	346.00	1.00	1118227	0.152	
346.00	347.00	1.00	1118229	0.012	
347.00	348.00	1.00	1118230	0.105	
348.00	349.00	1.00	1118231	0.023	
349.00	350.00	1.00	1118232	0.009	
350.00	351.00	1.00	1118233	0.033	
351.00	352.00	1.00	1118234	0.008	
352.00	353.00	1.00	1118235	0.093	
353.00	354.00	1.00	1118237	0.036	
354.00	355.00	1.00	1118238	0.022	
355.00	356.00	1.00	1118239	0.112	
356.00	357.00	1.00	1118240	0.016	
357.00	358.00	1.00	1118241	0.149	
358.00	359.00	1.00	1118242	0.007	
359.00	360.00	1.00	1118243	0.014	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
360.00	361.00	1.00	1118245	0.050	
361.00	362.00	1.00	1118246	0.014	
362.00	363.00	1.00	1118247	0.003	
363.00	364.00	1.00	1118248	0.116	
364.00	365.00	1.00	1118249	0.003	
365.00	366.00	1.00	1118250	0.029	
366.00	367.00	1.00	1118251	0.049	
367.00	368.00	1.00	1118253	0.003	
368.00	369.00	1.00	1118254	0.018	
369.00	370.00	1.00	1118255	0.013	
370.00	371.00	1.00	1118256	0.054	
371.00	372.00	1.00	1118257	0.108	
372.00	373.00	1.00	1118258	0.024	
373.00	374.00	1.00	1118259	0.009	
374.00	375.00	1.00	1118261	0.013	
375.00	376.00	1.00	1118262	0.009	
376.00	377.00	1.00	1118263	0.010	
377.00	378.00	1.00	1118264	0.003	
378.00	379.00	1.00	1118265	0.003	
379.00	380.00	1.00	1118266	0.003	
380.00	381.00	1.00	1118267	0.003	
381.00	382.00	1.00	1118269	0.003	
382.00	383.00	1.00	1118270	0.003	
383.00	384.00	1.00	1118271	0.003	
384.00	385.00	1.00	1118272	0.014	
385.00	386.00	1.00	1118273	0.014	
386.00	387.00	1.00	1118274	0.003	
387.00	388.00	1.00	1118275	0.063	
388.00	389.00	1.00	1118277	0.005	
389.00	390.00	1.00	1118278	0.005	
390.00	391.00	1.00	1118279	0.031	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
391.00	392.00	1.00	1118280	0.025	
392.00	393.00	1.00	1118281	0.091	
393.00	394.00	1.00	1118282	0.021	
394.00	395.00	1.00	1118283	0.024	
395.00	396.00	1.00	1118285	0.003	
396.00	397.00	1.00	1118286	0.003	
397.00	398.00	1.00	1118287	0.014	
398.00	399.00	1.00	1118288	0.034	
399.00	400.00	1.00	1118289	0.021	
400.00	401.00	1.00	1118290	0.008	
401.00	402.00	1.00	1118291	0.053	
402.00	403.00	1.00	1118293	0.006	
403.00	404.00	1.00	1118294	0.008	
404.00	405.00	1.00	1118295	0.005	
405.00	406.00	1.00	1118296	0.003	
406.00	407.00	1.00	1118297	0.018	
407.00	408.00	1.00	1118298	0.012	
408.00	409.00	1.00	1118299	0.006	
409.00	410.00	1.00	1118301	0.008	
410.00	411.00	1.00	1118302	0.006	
411.00	412.00	1.00	1118303	0.009	
412.00	413.00	1.00	1118304	0.005	
413.00	414.00	1.00	1118305	0.009	
414.00	415.00	1.00	1118306	0.003	
415.00	416.00	1.00	1118307	0.008	
416.00	417.00	1.00	1118309	0.035	
417.00	418.00	1.00	1118310	0.016	
418.00	419.00	1.00	1118311	0.026	
419.00	420.00	1.00	1118312	0.014	
420.00	421.00	1.00	1118313	0.012	
421.00	422.00	1.00	1118314	0.013	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
422.00	423.00	1.00	1118315	0.003	
423.00	424.00	1.00	1118317	0.005	
424.00	425.00	1.00	1118318	0.013	
425.00	426.00	1.00	1118319	0.016	
426.00	427.00	1.00	1118320	0.018	
427.00	428.00	1.00	1118321	0.003	
428.00	429.00	1.00	1118322	0.003	
429.00	430.00	1.00	1118323	0.014	
430.00	431.00	1.00	1118325	0.075	
431.00	432.00	1.00	1118326	0.011	
432.00	433.00	1.00	1118327	0.005	
433.00	434.00	1.00	1118328	0.236	
434.00	435.00	1.00	1118329	0.127	
435.00	436.00	1.00	1118330	0.074	
436.00	437.00	1.00	1118331	0.101	
437.00	438.00	1.00	1118333	0.065	
438.00	439.00	1.00	1118334	0.014	
439.00	440.00	1.00	1118335	0.007	
440.00	441.00	1.00	1118336	0.006	
441.00	442.00	1.00	1118337	0.006	
442.00	443.00	1.00	1118338	0.039	
443.00	444.00	1.00	1118339	0.011	
444.00	445.00	1.00	1118341	0.041	
445.00	446.00	1.00	1118342	0.138	
446.00	447.00	1.00	1118343	0.553	
447.00	448.00	1.00	1118344	0.162	
448.00	449.00	1.00	1118345	0.025	
449.00	450.00	1.00	1118346	0.637	
450.00	451.00	1.00	1118347	0.382	
451.00	452.00	1.00	1118349	0.009	
452.00	453.00	1.00	1118350	0.021	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
453.00	454.00	1.00	1118351	0.013	
454.00	455.00	1.00	1118352	0.016	
455.00	456.00	1.00	1118353	0.011	
456.00	457.00	1.00	1118354	0.012	
457.00	458.00	1.00	1118355	0.003	
458.00	459.00	1.00	1118357	0.021	
459.00	460.00	1.00	1118358	0.018	
460.00	461.00	1.00	1118359	0.003	
461.00	462.00	1.00	1118360	0.005	
462.00	463.00	1.00	1118361	0.003	
463.00	464.00	1.00	1118362	0.003	
464.00	465.00	1.00	1118363	0.007	
465.00	466.00	1.00	1118365	0.008	
466.00	467.00	1.00	1118366	0.007	
467.00	468.00	1.00	1118367	0.009	
468.00	469.00	1.00	1118368	0.025	
469.00	470.00	1.00	1118369	0.017	
470.00	471.00	1.00	1118370	0.252	
471.00	472.00	1.00	1118371	0.023	
472.00	473.50	1.50	1118373	0.013	
473.50	475.00	1.50	1118374	0.095	
475.00	476.50	1.50	1118375	0.150	
476.50	478.00	1.50	1118376	0.038	
478.00	479.50	1.50	1118377	0.005	
479.50	481.00	1.50	1118378	0.023	
481.00	482.50	1.50	1118379	0.184	
482.50	484.00	1.50	1118381	0.019	
484.00	485.50	1.50	1118382	0.512	
485.50	487.00	1.50	1118383	0.075	
487.00	488.50	1.50	1118384	0.155	
488.50	490.00	1.50	1118385	0.147	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
490.00	491.50	1.50	1118386	0.021	
491.50	493.00	1.50	1118387	0.013	
493.00	494.50	1.50	1118389	0.008	
494.50	496.00	1.50	1118390	0.350	
496.00	497.50	1.50	1118391	0.260	
497.50	499.00	1.50	1118392	0.054	
499.00	500.50	1.50	1118393	0.065	
500.50	502.00	1.50	1118394	0.145	
502.00	503.50	1.50	1118395	0.059	
503.50	505.00	1.50	1118397	0.046	
505.00	506.50	1.50	1118398	0.149	
506.50	508.00	1.50	1118399	0.448	
508.00	509.50	1.50	1118400	0.179	
509.50	511.00	1.50	1118401	0.043	
511.00	512.50	1.50	1118402	0.055	
512.50	514.00	1.50	1118403	0.076	
514.00	515.50	1.50	1118405	0.050	
515.50	517.00	1.50	1118406	0.042	
517.00	518.50	1.50	1118407	0.009	
518.50	520.00	1.50	1118408	0.183	
520.00	521.50	1.50	1118409	0.302	
521.50	523.00	1.50	1118410	0.293	
523.00	524.50	1.50	1118411	0.135	
524.50	526.00	1.50	1118413	0.162	
526.00	527.50	1.50	1118414	0.250	
527.50	529.00	1.50	1118415	0.139	
529.00	530.50	1.50	1118416	0.512	
530.50	532.00	1.50	1118417	0.865	
532.00	533.50	1.50	1118418	0.336	
533.50	535.00	1.50	1118419	0.021	
535.00	536.50	1.50	1118421	0.041	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
536.50	538.00	1.50	1118422	0.075	
538.00	539.50	1.50	1118423	0.064	
539.50	541.00	1.50	1118424	0.120	
541.00	542.50	1.50	1118425	0.168	
542.50	544.00	1.50	1118426	0.071	
544.00	545.50	1.50	1118427	0.298	
545.50	547.00	1.50	1118429	0.061	
547.00	548.00	1.00	1118430	0.029	
548.00	549.00	1.00	1118431	0.018	

Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP171</b>	<b>Claims title:</b>	K1423 (PAT-6714)	<b>Section:</b>	10850A
		<b>Township:</b>	HEYSON	<b>Level:</b>	DDH
		<b>Range:</b>	COMPLETED	<b>Work place:</b>	HASAGA_UG
<b>Contractor:</b>	Chibougamau Drilling	<b>Lot:</b>	HASAGA_2018		
<b>Author:</b>	M.DeGasperis	<b>Start date:</b>	22/02/2018	<b>Description date:</b>	22/02/2018
		<b>End date:</b>	09/03/2018		
<b>Collar</b>					
				UTM	
<b>Azimuth:</b>	148.00°			East	440822.30
<b>Dip:</b>	-70.00°			North	5651587.40
<b>Length:</b>	789.00			Elevation	383.20
<b>Number of samples:</b> 212					
<b>Number of QAQC samples:</b> 30					
<b>Total sampled length:</b> 220.50					
<b>Description:</b>					
<b>Core size:</b> NQ		<b>Cemented:</b> No		<b>Stored:</b> No	

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 3.00 CS	
casing	
3.00 456.00 I3DS	40.70 41.40 I1
MAS	20
FOL	CHM
W	FOL
CG	M
GRM	MG
dome stock	GNM
456.00 551.30 E1	550.40 551.30 I1O
MAS	60
FOL	CHM
M	FOL
FG	S
GND	FG
mafic	BK
551.30 661.90 I3HP	563.50 564.30 I1
POR	30
FOL	CHM
W	FOL
CG	S
GRP	FG
hasaga porphyry	BK
661.90 671.20 I1	
POR	
FOL	
W	
MG	
GRM	
gabbrois dyke. weakly mineralized	
671.20 672.60 I3HP	
POR	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>FOL  M  FG  GRM  sericite altered hasaga porphyry.  672.60 673.50 I1O  POR  FOL  S  CG  BK  sheared old dyke  673.50 680.90 I3HP  MAS  FOL  S  FG  BGM  sericite altered hasaga porphyry  680.90 683.80 I1  POR  FOL  S  CG  BK  gabbro  683.80 703.40 I3HP  POR  FOL  W  CG  GRM</p>	

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mineralized hasaga porphyry 703.40 704.30 I1 CHM FOL W FG GRD dark grey mineralized dyke 704.30 708.05 I3HP POR FOL W MG GRP sericite altered hasaga porphyry 708.05 709.50 I1 CHM FOL S FG BK folded and crenulated mafic dyke 709.50 740.20 I3HP POR FOL S FG BGM silicified hasaga porphyry 740.20 789.00 E1 MAS FOL	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
S FG GND mafic volcanics	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
546.00	547.00	1.00	1118432	0.025	
547.00	548.00	1.00	1118433	0.147	
548.00	549.00	1.00	1118434	0.235	
549.00	550.00	1.00	1118435	0.110	
550.00	551.00	1.00	1118437	0.016	
551.00	552.00	1.00	1118438	0.112	
552.00	553.00	1.00	1118439	0.137	
553.00	554.00	1.00	1118440	0.026	
554.00	555.00	1.00	1118441	0.038	
555.00	556.00	1.00	1118442	0.128	
556.00	557.00	1.00	1118443	0.145	
557.00	558.00	1.00	1118445	0.303	
558.00	559.00	1.00	1118446	0.069	
559.00	560.00	1.00	1118447	0.074	
560.00	561.00	1.00	1118448	0.057	
561.00	562.00	1.00	1118449	0.201	
562.00	563.00	1.00	1118450	0.070	
563.00	564.00	1.00	1118451	0.044	
564.00	565.00	1.00	1118453	0.186	
565.00	566.00	1.00	1118454	0.418	
566.00	567.00	1.00	1118455	0.173	
567.00	568.00	1.00	1118456	0.369	
568.00	569.00	1.00	1118457	0.504	
569.00	570.00	1.00	1118458	0.184	
570.00	571.00	1.00	1118459	0.189	
571.00	572.00	1.00	1118461	0.122	
572.00	573.00	1.00	1118462	0.167	
573.00	574.00	1.00	1118463	0.391	
574.00	575.00	1.00	1118464	0.088	
575.00	576.00	1.00	1118465	0.012	
576.00	577.00	1.00	1118466	0.140	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
577.00	578.00	1.00	1118467	0.140	
578.00	579.00	1.00	1118469	0.043	
579.00	580.00	1.00	1118470	0.042	
580.00	581.00	1.00	1118471	0.035	
581.00	582.00	1.00	1118472	0.027	
582.00	583.00	1.00	1118473	0.027	
583.00	584.00	1.00	1118474	0.081	
584.00	585.00	1.00	1118475	0.118	
585.00	586.00	1.00	1118477	0.066	
586.00	587.00	1.00	1118478	0.191	
587.00	588.00	1.00	1118479	0.050	
588.00	589.00	1.00	1118480	0.021	
589.00	590.00	1.00	1118481	0.100	
590.00	591.00	1.00	1118482	0.784	
591.00	592.00	1.00	1118483	0.121	
592.00	593.00	1.00	1118485	0.239	
593.00	594.00	1.00	1118486	0.037	
594.00	595.00	1.00	1118487	0.052	
595.00	596.00	1.00	1118488	0.045	
596.00	597.00	1.00	1118489	0.236	
597.00	598.00	1.00	1118490	0.237	
598.00	599.00	1.00	1118491	0.290	
599.00	600.00	1.00	1118493	0.303	
600.00	601.00	1.00	1118494	0.193	
601.00	602.00	1.00	1118495	0.065	
602.00	603.00	1.00	1118496	0.085	
603.00	604.00	1.00	1118497	0.016	
604.00	605.00	1.00	1118498	0.067	
605.00	606.00	1.00	1118499	0.067	
606.00	607.00	1.00	1118501	0.045	
607.00	608.00	1.00	1118502	0.250	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
608.00	609.00	1.00	1118503	0.251	
609.00	610.00	1.00	1118504	0.199	
610.00	611.00	1.00	1118505	0.187	
611.00	612.00	1.00	1118506	0.281	
612.00	613.00	1.00	1118507	0.074	
613.00	614.00	1.00	1118509	1.290	
614.00	615.00	1.00	1118510	0.331	
615.00	616.00	1.00	1118511	1.070	
616.00	617.00	1.00	1118512	0.042	
617.00	618.00	1.00	1118513	0.029	
618.00	619.00	1.00	1118514	0.243	
619.00	620.00	1.00	1118515	0.306	
620.00	621.00	1.00	1118517	0.129	
621.00	622.00	1.00	1118518	0.724	
622.00	623.00	1.00	1118519	1.450	
623.00	624.00	1.00	1118520	1.240	
624.00	625.00	1.00	1118521	0.766	
625.00	626.00	1.00	1118522	0.427	
626.00	627.00	1.00	1118523	0.356	
627.00	628.00	1.00	1118525	0.416	
628.00	629.00	1.00	1118526	0.444	
629.00	630.00	1.00	1118527	0.495	
630.00	631.00	1.00	1118528	0.324	
631.00	632.00	1.00	1118529	0.304	
632.00	633.00	1.00	1118530	9.820	
633.00	634.00	1.00	1118531	6.320	
634.00	635.00	1.00	1118533	3.430	
635.00	636.00	1.00	1118534	4.940	
636.00	637.00	1.00	1118535	7.880	
637.00	638.00	1.00	1118536	2.780	
638.00	639.00	1.00	1118537	1.090	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
639.00	640.00	1.00	1118538	0.219	
640.00	641.00	1.00	1118539	0.119	
641.00	642.00	1.00	1118541	0.582	
642.00	643.00	1.00	1118542	0.090	
643.00	644.00	1.00	1118543	0.181	
644.00	645.00	1.00	1118544	0.289	
645.00	646.00	1.00	1118545	2.020	
646.00	647.00	1.00	1118546	0.346	
647.00	648.00	1.00	1118547	3.420	
648.00	649.00	1.00	1118549	1.260	
649.00	650.00	1.00	1118550	1.760	
650.00	651.00	1.00	1118551	1.140	
651.00	652.00	1.00	1118552	4.040	
652.00	653.00	1.00	1118553	1.690	
653.00	654.00	1.00	1118554	1.700	
654.00	655.00	1.00	1118555	1.040	
655.00	656.00	1.00	1118557	0.676	
656.00	657.00	1.00	1118558	0.280	
657.00	658.00	1.00	1118559	0.405	
658.00	659.00	1.00	1118560	0.628	
659.00	660.00	1.00	1118561	0.652	
660.00	661.00	1.00	1118562	0.204	
661.00	662.00	1.00	1118563	0.151	
662.00	663.00	1.00	1118565	0.016	
663.00	664.00	1.00	1118566	0.006	
664.00	665.00	1.00	1118567	0.007	
665.00	666.00	1.00	1118568	0.006	
666.00	667.00	1.00	1118569	0.013	
667.00	668.00	1.00	1118570	0.171	
668.00	669.00	1.00	1118571	0.007	
669.00	670.00	1.00	1118573	0.005	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
670.00	671.00	1.00	1118574	0.016	
671.00	672.00	1.00	1118575	0.092	
672.00	673.00	1.00	1118576	0.303	
673.00	674.00	1.00	1118577	0.039	
674.00	675.00	1.00	1118578	0.176	
675.00	676.00	1.00	1118579	0.089	
676.00	677.00	1.00	1118581	0.377	
677.00	678.00	1.00	1118582	0.032	
678.00	679.00	1.00	1118583	0.147	
679.00	680.00	1.00	1118584	0.026	
680.00	681.00	1.00	1118585	0.096	
681.00	682.00	1.00	1118586	0.665	
682.00	683.00	1.00	1118587	0.214	
683.00	684.00	1.00	1118589	0.024	
684.00	685.00	1.00	1118590	0.100	
685.00	686.00	1.00	1118591	0.342	
686.00	687.00	1.00	1118592	0.152	
687.00	688.00	1.00	1118593	1.340	
688.00	689.00	1.00	1118594	0.396	
689.00	690.00	1.00	1118595	2.070	
690.00	691.00	1.00	1118597	0.650	
691.00	692.00	1.00	1118598	2.720	
692.00	693.00	1.00	1118599	1.050	
693.00	694.00	1.00	1118600	0.107	
694.00	695.00	1.00	1118601	0.105	
695.00	696.00	1.00	1118602	2.760	
696.00	697.00	1.00	1118603	0.170	
697.00	698.00	1.00	1118605	0.349	
698.00	699.00	1.00	1118606	0.728	
699.00	700.00	1.00	1118607	1.260	
700.00	701.00	1.00	1118608	0.598	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
701.00	702.00	1.00	1118609	0.310	
702.00	703.00	1.00	1118610	0.844	
703.00	704.00	1.00	1118611	7.000	
704.00	705.00	1.00	1118613	1.120	
705.00	706.00	1.00	1118614	1.140	
706.00	707.00	1.00	1118615	0.584	
707.00	708.00	1.00	1118616	0.901	
708.00	709.00	1.00	1118617	0.039	
709.00	710.00	1.00	1118618	0.537	
710.00	711.00	1.00	1118619	0.623	
711.00	712.00	1.00	1118621	0.485	
712.00	713.00	1.00	1118622	0.306	
713.00	714.00	1.00	1118623	1.020	
714.00	715.00	1.00	1118624	1.130	
715.00	716.00	1.00	1118625	0.841	
716.00	717.00	1.00	1118626	0.399	
717.00	718.00	1.00	1118627	0.593	
718.00	719.00	1.00	1118629	2.570	
719.00	720.00	1.00	1118630	2.250	
720.00	721.00	1.00	1118631	1.870	
721.00	722.00	1.00	1118632	0.743	
722.00	723.00	1.00	1118633	1.270	
723.00	724.00	1.00	1118634	0.474	
724.00	725.00	1.00	1118635	1.190	
725.00	726.00	1.00	1118637	2.650	
726.00	727.00	1.00	1118638	1.180	
727.00	728.00	1.00	1118639	2.670	
728.00	729.00	1.00	1118640	1.370	
729.00	730.00	1.00	1118641	0.898	
730.00	731.00	1.00	1118642	0.573	
731.00	732.00	1.00	1118643	0.087	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
732.00	733.00	1.00	1118645	0.217	
733.00	734.00	1.00	1118646	0.088	
734.00	735.00	1.00	1118647	0.073	
735.00	736.00	1.00	1118648	0.483	
736.00	737.00	1.00	1118649	0.265	
737.00	738.00	1.00	1118650	0.078	
738.00	739.00	1.00	1118651	0.021	
739.00	740.00	1.00	1118653	0.081	
740.00	741.00	1.00	1118654	0.101	
741.00	742.50	1.50	1118655	0.025	
742.50	744.00	1.50	1118656	0.027	
744.00	745.50	1.50	1118657	0.041	
745.50	747.00	1.50	1118658	0.021	
747.00	748.50	1.50	1118659	0.029	
748.50	750.00	1.50	1118661	0.115	
750.00	751.50	1.50	1118662	0.067	
751.50	753.00	1.50	1118663	0.039	
753.00	754.50	1.50	1118664	0.021	
754.50	756.00	1.50	1118665	0.022	
756.00	757.50	1.50	1118666	0.074	
757.50	759.00	1.50	1118667	0.039	
759.00	760.50	1.50	1118669	0.025	
760.50	762.00	1.50	1118670	0.029	
762.00	763.50	1.50	1118671	0.039	
763.50	765.00	1.50	1118672	0.074	
765.00	766.50	1.50	1118673	0.083	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP172</b>	Claims title:	K1423 (PAT-6714)	Section:	10850A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Mark Higgins	Start date:	09/03/2018	Description date:	09/03/2018
		End date:	20/03/2018		

## Collar

Azimuth: 148.00°  
Dip: -65.00°  
Length: 750.00

## UTM

East	440822.30
North	5651585.30
Elevation	380.00

Number of samples: 214  
Number of QAQC samples: 31  
Total sampled length: 225.00

## Description:

Core size: NQ

Cemented: No

Stored: No

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 4.20 CS	
casing	
4.20 431.40 I3DS	372.80 373.00 I2
MAS	65
FOL	CHM
W	FOL
CG	W
GRM	FG
dome stock granodiorite	GRP
431.40 438.20 E1T	
40	
MAS	
FOL	
S	
FG	
GRM	
tuff	
438.20 510.00 E1	
40	
MAS	
FOL	
M	
FG	
GRM	
volcanics	
510.00 514.30 I3HP	
40	
POR	
FOL	
W	
CG	
GRM	



# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
hasaga porphyry 514.30 516.40 E1 40 MAS FOL M FG GRD volcanics 516.40 603.00 I3HP 70 POR FOL M CG GRM hasaga porphyry 603.00 618.10 E1 64 MAS FOL M MG GRD volcanics 618.10 700.90 I3HP 44 POR FOL M CG GRM	526.10 527.10 E1 40 FOL M FG GRD

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
hasaga porphyry	619.00 619.60 11 53 CHM FOL W FG GRD

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
700.90 750.00 E2 44 MAS FOL M FG GRM volcanics	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
	711.30 711.60 11 50 CHM FOL M FG GNM

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
495.00	496.50	1.50	1118674	0.310	
496.50	498.00	1.50	1118675	0.013	
498.00	499.50	1.50	1118677	0.033	
499.50	501.00	1.50	1118678	0.007	
501.00	502.50	1.50	1118679	0.009	
502.50	504.00	1.50	1118680	0.008	
504.00	505.50	1.50	1118681	0.192	
505.50	507.00	1.50	1118682	0.036	
507.00	508.50	1.50	1118683	0.067	
508.50	510.00	1.50	1118685	0.018	
510.00	511.00	1.00	1118686	0.071	
511.00	512.00	1.00	1118687	0.023	
512.00	513.00	1.00	1118688	0.016	
513.00	514.00	1.00	1118689	0.017	
514.00	515.00	1.00	1118690	0.017	
515.00	516.00	1.00	1118691	0.023	
516.00	517.00	1.00	1118693	0.031	
517.00	518.00	1.00	1118694	0.031	
518.00	519.00	1.00	1118695	0.196	
519.00	520.00	1.00	1118696	0.069	
520.00	521.00	1.00	1118697	0.060	
521.00	522.00	1.00	1118698	0.017	
522.00	523.00	1.00	1118699	0.022	
523.00	524.00	1.00	1118701	0.121	
524.00	525.00	1.00	1118702	0.066	
525.00	526.00	1.00	1118703	0.079	
526.00	527.00	1.00	1118704	0.020	
527.00	528.00	1.00	1118705	0.033	
528.00	529.00	1.00	1118706	0.022	
529.00	530.00	1.00	1118707	0.054	
530.00	531.00	1.00	1118709	0.013	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
531.00	532.00	1.00	1118710	0.108	
532.00	533.00	1.00	1118711	0.104	
533.00	534.00	1.00	1118712	0.026	
534.00	535.00	1.00	1118713	0.278	
535.00	536.00	1.00	1118714	0.124	
536.00	537.00	1.00	1118715	0.188	
537.00	538.00	1.00	1118717	0.200	
538.00	539.00	1.00	1118718	0.537	
539.00	540.00	1.00	1118719	0.270	
540.00	541.00	1.00	1118720	0.087	
541.00	542.00	1.00	1118721	0.005	
542.00	543.00	1.00	1118722	0.003	
543.00	544.00	1.00	1118723	0.320	
544.00	545.00	1.00	1118725	0.154	
545.00	546.00	1.00	1118726	0.104	
546.00	547.00	1.00	1118727	0.324	
547.00	548.00	1.00	1118728	0.130	
548.00	549.00	1.00	1118729	0.230	
549.00	550.00	1.00	1118730	0.032	
550.00	551.00	1.00	1118731	0.056	
551.00	552.00	1.00	1118733	0.055	
552.00	553.00	1.00	1118734	0.003	
553.00	554.00	1.00	1118735	0.292	
554.00	555.00	1.00	1118736	0.142	
555.00	556.00	1.00	1118737	0.172	
556.00	557.00	1.00	1118738	0.081	
557.00	558.00	1.00	1118739	0.057	
558.00	559.00	1.00	1118741	0.312	
559.00	560.00	1.00	1118742	0.970	
560.00	561.00	1.00	1118743	0.485	
561.00	562.00	1.00	1118744	1.500	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
562.00	563.00	1.00	1118745	0.094	
563.00	564.00	1.00	1118746	0.067	
564.00	565.00	1.00	1118747	0.020	
565.00	566.00	1.00	1118749	0.040	
566.00	567.00	1.00	1118750	0.018	
567.00	568.00	1.00	1118751	0.895	
568.00	569.00	1.00	1118752	0.762	
569.00	570.00	1.00	1118753	0.205	
570.00	571.00	1.00	1118754	0.067	
571.00	572.00	1.00	1118755	0.091	
572.00	573.00	1.00	1118757	0.192	
573.00	574.00	1.00	1118758	0.330	
574.00	575.00	1.00	1118759	0.171	
575.00	576.00	1.00	1118760	0.129	
576.00	577.00	1.00	1118761	73.700	
577.00	578.00	1.00	1118762	1.380	
578.00	579.00	1.00	1118763	0.776	
579.00	580.00	1.00	1118765	2.420	
580.00	581.00	1.00	1118766	1.710	
581.00	582.00	1.00	1118767	2.020	
582.00	583.00	1.00	1118768	0.218	
583.00	584.00	1.00	1118769	0.050	
584.00	585.00	1.00	1118770	0.170	
585.00	586.00	1.00	1118771	0.040	
586.00	587.00	1.00	1118773	0.038	
587.00	588.00	1.00	1118774	0.072	
588.00	589.00	1.00	1118775	0.069	
589.00	590.00	1.00	1118776	0.121	
590.00	591.00	1.00	1118777	0.299	
591.00	592.00	1.00	1118778	0.020	
592.00	593.00	1.00	1118779	0.040	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
593.00	594.00	1.00	1118781	0.209	
594.00	595.00	1.00	1118782	0.481	
595.00	596.00	1.00	1118783	0.949	
596.00	597.00	1.00	1118784	0.180	
597.00	598.00	1.00	1118785	0.341	
598.00	599.00	1.00	1118786	0.515	
599.00	600.00	1.00	1118787	0.209	
600.00	601.00	1.00	1118789	0.034	
601.00	602.00	1.00	1118790	0.016	
602.00	603.00	1.00	1118791	0.072	
603.00	604.00	1.00	1118792	0.032	
604.00	605.00	1.00	1118793	0.005	
605.00	606.00	1.00	1118794	0.003	
606.00	607.00	1.00	1118795	0.006	
607.00	608.00	1.00	1118797	0.005	
608.00	609.00	1.00	1118798	0.003	
609.00	610.00	1.00	1118799	0.005	
610.00	611.00	1.00	1118800	0.020	
611.00	612.00	1.00	1118801	0.009	
612.00	613.00	1.00	1118802	0.010	
613.00	614.00	1.00	1118803	0.043	
614.00	615.00	1.00	1118805	0.011	
615.00	616.00	1.00	1118806	0.003	
616.00	617.00	1.00	1118807	0.014	
617.00	618.00	1.00	1118808	0.024	
618.00	619.00	1.00	1118809	0.471	
619.00	620.00	1.00	1118810	0.027	
620.00	621.00	1.00	1118811	0.058	
621.00	622.00	1.00	1118813	0.071	
622.00	623.00	1.00	1118814	0.213	
623.00	624.00	1.00	1118815	0.154	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
624.00	625.00	1.00	1118816	0.269	
625.00	626.00	1.00	1118817	0.165	
626.00	627.00	1.00	1118818	0.134	
627.00	628.00	1.00	1118819	0.289	
628.00	629.00	1.00	1118821	0.143	
629.00	630.00	1.00	1118822	0.098	
630.00	631.00	1.00	1118823	0.410	
631.00	632.00	1.00	1118824	0.339	
632.00	633.00	1.00	1118825	0.084	
633.00	634.00	1.00	1118826	0.311	
634.00	635.00	1.00	1118827	0.293	
635.00	636.00	1.00	1118829	0.184	
636.00	637.00	1.00	1118830	0.687	
637.00	638.00	1.00	1118831	0.254	
638.00	639.00	1.00	1118832	0.347	
639.00	640.00	1.00	1118833	0.202	
640.00	641.00	1.00	1118834	0.087	
641.00	642.00	1.00	1118835	0.045	
642.00	643.00	1.00	1118837	0.701	
643.00	644.00	1.00	1118838	0.710	
644.00	645.00	1.00	1118839	1.200	
645.00	646.00	1.00	1118840	0.530	
646.00	647.00	1.00	1118841	3.370	
647.00	648.00	1.00	1118842	1.030	
648.00	649.00	1.00	1118843	0.507	
649.00	650.00	1.00	1118845	4.250	
650.00	651.00	1.00	1118846	0.740	
651.00	652.00	1.00	1118847	1.030	
652.00	653.00	1.00	1118848	1.150	
653.00	654.00	1.00	1118849	0.032	
654.00	655.00	1.00	1118850	0.312	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
655.00	656.00	1.00	1118851	0.231	
656.00	657.00	1.00	1118853	0.113	
657.00	658.00	1.00	1118854	0.669	
658.00	659.00	1.00	1118855	0.212	
659.00	660.00	1.00	1118856	0.300	
660.00	661.00	1.00	1118857	1.670	
661.00	662.00	1.00	1118858	0.338	
662.00	663.00	1.00	1118859	0.706	
663.00	664.00	1.00	1118861	0.795	
664.00	665.00	1.00	1118862	0.426	
665.00	666.00	1.00	1118863	0.115	
666.00	667.00	1.00	1118864	0.064	
667.00	668.00	1.00	1118865	0.211	
668.00	669.00	1.00	1118866	0.950	
669.00	670.00	1.00	1118867	0.989	
670.00	671.00	1.00	1118869	0.316	
671.00	672.00	1.00	1118870	0.208	
672.00	673.00	1.00	1118871	0.155	
673.00	674.00	1.00	1118872	0.879	
674.00	675.00	1.00	1118873	0.178	
675.00	676.00	1.00	1118874	0.198	
676.00	677.00	1.00	1118875	0.170	
677.00	678.00	1.00	1118877	0.558	
678.00	679.00	1.00	1118878	0.565	
679.00	680.00	1.00	1118879	1.080	
680.00	681.00	1.00	1118880	2.110	
681.00	682.00	1.00	1118881	1.700	
682.00	683.00	1.00	1118882	0.918	
683.00	684.00	1.00	1118883	1.280	
684.00	685.00	1.00	1118885	0.937	
685.00	686.00	1.00	1118886	1.020	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
686.00	687.00	1.00	1118887	0.612	
687.00	688.00	1.00	1118888	0.265	
688.00	689.00	1.00	1118889	0.917	
689.00	690.00	1.00	1118890	0.069	
690.00	691.00	1.00	1118891	0.394	
691.00	692.00	1.00	1118893	0.126	
692.00	693.00	1.00	1118894	0.067	
693.00	694.00	1.00	1118895	0.515	
694.00	695.00	1.00	1118896	0.922	
695.00	696.00	1.00	1118897	0.948	
696.00	697.00	1.00	1118898	0.805	
697.00	698.00	1.00	1118899	2.200	
698.00	699.00	1.00	1118901	0.253	
699.00	700.00	1.00	1118902	0.264	
700.00	701.00	1.00	1118903	0.102	
701.00	702.00	1.00	1118904	0.267	
702.00	703.50	1.50	1118905	0.103	
703.50	705.00	1.50	1118906	0.032	
705.00	706.50	1.50	1118907	0.113	
706.50	708.00	1.50	1118909	0.024	
708.00	709.50	1.50	1118910	0.019	
709.50	711.00	1.50	1118911	0.115	
711.00	712.50	1.50	1118912	0.048	
712.50	714.00	1.50	1118913	0.033	
714.00	715.50	1.50	1118914	0.019	
715.50	717.00	1.50	1118915	0.315	
717.00	718.50	1.50	1118917	0.269	
718.50	720.00	1.50	1118918	1.890	

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP173	Claims title:	K1375 (PAT-52616)	Section:	11250A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	08/04/2018	Description date:	08/04/2018
		End date:	21/04/2018		
<b>Collar</b>					
			UTM		
Azimuth:	146.50°	East	441156.70		
Dip:	-80.00°	North	5651750.70		
Length:	894.00	Elevation	381.60		
Number of samples:	144				
Number of QAQC samples:	21				
Total sampled length:	157.50				
<b>Description:</b>					
Hole alignment shifted and drill rods were pulled after 30m of drilling					
Original setup was at 146.5 degree, next morning after gyro the azimuth was 141.9 degrees (5.4 degree shift)					
First 30m of core was grandodiorite dome stock					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>0.00 6.00 CS                      casing                      6.00 332.90 I3DS                      POR                      FOL                      W                      MG                      SAP                      Dome Stock granodiorite.</p>	<p>10.64 11.11 E1                      30                      POR                      FOL                      W                      FG                      GRD                      mafic volcanics intruded in granodiorite.</p>
<p>332.90 416.50 ET                      40                      LAP                      FOL                      M                      MG                      GRP                      light grey tuff, transitions to mafic tuff near 365.                      units of sericite schist (green, strongly foliated and fractured along foliation green rocks)                      The tuff appers to be intruded by a felsic granitoid (red, massive, reworked granite?). Likely a quartz syenite</p>	<p>343.50 345.50 I3SQ                      50                      CHM                      FG                      RED                      felsic intrusive likely quartz syenite</p>
<p>416.50 429.50 E2                      45                      MAS                      FOL                      W                      FG                      GNM                      intermediate volcanics                      429.50 432.05 E2                      53</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
MAS	
MG	
SAP	
andesite	
432.05 449.80 E1	
60	
MAS	
FOL	
W	
FG	
GRD	
mafic volcanics	
449.80 475.50 ET	
40	
LAP	
FOL	
W	
MG	
GRM	
tuff	
475.50 508.00 E2	
46	
MAS	
FOL	
M	
FG	
GRM	
intermediate volcanics	
508.00 527.50 E1	
60	
CRX	
FOL	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>M  MG  GRM  porphyritic looking mafic volcanics  527.50 627.00 E1  58  MAS  FOL  W  FG  GRD  mafic volcanics  627.00 649.50 E1  50  CRX  FOL  W  MG  GRM  mafic volcanic with porphyritic teture of plagioclase grains  649.50 723.50 E1  54  MAS  FLT  W  FG  GRD  mafic volcanics  723.50 736.50 E2  60  MAS  MG</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
SAP andesite	725.30 726.60 E2 65 CHM FG



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>736.50 755.25 E1            40            MAS            FOL            W            FG            GRM            mafic volcanic with moderate carbonate alteration            755.25 807.77 I3HP            48            POR            FOL            W            MG            GRM            hasaga porphyry            807.77 808.16 I1O            40            CHM            FOL            S            FG            BK            old dyke            808.16 833.80 I3HP            38            CHM            FOL            W            MG</p>	<p>GRM            intermediate volcanic            754.40 755.25 I1            48            MAS            FG            GRD            mafic intrusive              796.85 797.18 E1            40            MAS            FOL            W            FG            GRD            mafic volcanic intrusion</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>GRM  hasaga porphyry  833.80 837.30 E1  43  MAS  FOL  W  FG  GRD  mafic volcanic  837.30 846.00 I3HP  51  CHM  FOL  W  MG  GRM  hasaga porphyry  846.00 850.80 E1  45  MAS  FOL  W  FG  GRD  mafic volcanic  850.80 871.50 I3HP  44  CHM  FOL  W  MG</p>	<p>839.40 840.50 I1  40  MAS  FOL  S  MG  SAP  mafic intrusive, very foliated and looks like old dyke</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
GRM hasaga porphyry	860.50 860.60 11 45 MAS FOL W FG

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
871.50 894.00 E1 45 MAS FOL W FG GRM mafic volcanics	GRD mafic intrusive 880.30 881.80 I2 55 MAS FG GNM intermediate intrusive

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
734.00	735.50	1.50	1119129	0.006	
735.50	737.00	1.50	1119130	0.005	
737.00	738.50	1.50	1119131	0.019	
738.50	740.00	1.50	1119133	0.037	
740.00	741.50	1.50	1119134	0.016	
741.50	743.00	1.50	1119135	0.041	
743.00	744.50	1.50	1119136	0.048	
744.50	746.00	1.50	1119137	0.024	
746.00	747.50	1.50	1119138	0.058	
747.50	749.00	1.50	1119139	0.015	
749.00	750.50	1.50	1119141	0.016	
750.50	752.00	1.50	1119142	0.046	
752.00	753.50	1.50	1119143	0.058	
753.50	755.00	1.50	1119144	0.027	
755.00	756.00	1.00	1119145	1.170	
756.00	757.00	1.00	1119146	0.177	
757.00	758.00	1.00	1119147	0.259	
758.00	759.00	1.00	1119149	0.020	
759.00	760.00	1.00	1119150	0.081	
760.00	761.00	1.00	1119151	0.507	
761.00	762.00	1.00	1119152	0.868	
762.00	763.00	1.00	1119153	0.129	
763.00	764.00	1.00	1119154	0.014	
764.00	765.00	1.00	1119155	0.044	
765.00	766.00	1.00	1119157	0.146	
766.00	767.00	1.00	1119158	0.192	
767.00	768.00	1.00	1119159	0.081	
768.00	769.00	1.00	1119160	0.245	
769.00	770.00	1.00	1119161	0.369	
770.00	771.00	1.00	1119162	0.759	
771.00	772.00	1.00	1119163	0.573	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
772.00	773.00	1.00	1119165	0.459	
773.00	774.00	1.00	1119166	0.364	
774.00	775.00	1.00	1119167	0.129	
775.00	776.00	1.00	1119168	0.041	
776.00	777.00	1.00	1119169	0.118	
777.00	778.00	1.00	1119170	0.149	
778.00	779.00	1.00	1119171	0.040	
779.00	780.00	1.00	1119173	0.092	
780.00	781.00	1.00	1119174	0.095	
781.00	782.00	1.00	1119175	0.043	
782.00	783.00	1.00	1119176	0.136	
783.00	784.00	1.00	1119177	0.132	
784.00	785.00	1.00	1119178	0.182	
785.00	786.00	1.00	1119179	0.317	
786.00	787.00	1.00	1119181	2.810	
787.00	788.00	1.00	1119182	0.410	
788.00	789.00	1.00	1119183	0.271	
789.00	790.00	1.00	1119184	3.040	
790.00	791.00	1.00	1119185	0.981	
791.00	792.00	1.00	1119186	0.247	
792.00	793.00	1.00	1119187	1.300	
793.00	794.00	1.00	1119189	0.516	
794.00	795.00	1.00	1119190	0.759	
795.00	796.00	1.00	1119191	1.100	
796.00	797.00	1.00	1119192	0.965	
797.00	798.00	1.00	1119193	0.803	
798.00	799.00	1.00	1119194	2.320	
799.00	800.00	1.00	1119195	2.310	
800.00	801.00	1.00	1119197	0.340	
801.00	802.00	1.00	1119198	0.484	
802.00	803.00	1.00	1119199	0.672	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
803.00	804.00	1.00	1119200	0.602	
804.00	805.00	1.00	1119201	0.696	
805.00	806.00	1.00	1119202	1.140	
806.00	807.00	1.00	1119203	0.890	
807.00	808.00	1.00	1119205	0.596	
808.00	809.00	1.00	1119206	0.003	
809.00	810.00	1.00	1119207	6.490	
810.00	811.00	1.00	1119208	12.500	
811.00	812.00	1.00	1119209	2.740	
812.00	813.00	1.00	1119210	8.520	
813.00	814.00	1.00	1119211	0.359	
814.00	815.00	1.00	1119213	0.227	
815.00	816.00	1.00	1119214	1.890	
816.00	817.00	1.00	1119215	0.977	
817.00	818.00	1.00	1119216	1.720	
818.00	819.00	1.00	1119217	0.341	
819.00	820.00	1.00	1119218	0.225	
820.00	821.00	1.00	1119219	0.318	
821.00	822.00	1.00	1119221	0.276	
822.00	823.00	1.00	1119222	1.770	
823.00	824.00	1.00	1119223	0.838	
824.00	825.00	1.00	1119224	1.440	
825.00	826.00	1.00	1119225	3.000	
826.00	827.00	1.00	1119226	0.502	
827.00	828.00	1.00	1119227	2.450	
828.00	829.00	1.00	1119229	1.740	
829.00	830.00	1.00	1119230	4.280	
830.00	831.00	1.00	1119231	2.020	
831.00	832.00	1.00	1119232	4.390	
832.00	833.00	1.00	1119233	0.484	
833.00	834.00	1.00	1119234	0.067	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
834.00	835.00	1.00	1119235	0.049	
835.00	836.00	1.00	1119237	0.272	
836.00	837.00	1.00	1119238	0.167	
837.00	838.00	1.00	1119239	0.352	
838.00	839.00	1.00	1119240	2.920	
839.00	840.00	1.00	1119241	0.153	
840.00	841.00	1.00	1119242	0.258	
841.00	842.00	1.00	1119243	14.900	
842.00	843.00	1.00	1119245	0.092	
843.00	844.00	1.00	1119246	0.465	
844.00	845.00	1.00	1119247	0.981	
845.00	846.00	1.00	1119248	1.280	
846.00	847.00	1.00	1119249	4.130	
847.00	848.00	1.00	1119250	0.181	
848.00	849.00	1.00	1119251	2.590	
849.00	850.00	1.00	1119253	0.076	
850.00	851.00	1.00	1119254	0.036	
851.00	852.00	1.00	1119255	9.370	
852.00	853.00	1.00	1119256	0.825	
853.00	854.00	1.00	1119257	4.080	
854.00	855.00	1.00	1119258	11.700	
855.00	856.00	1.00	1119259	7.540	
856.00	857.00	1.00	1119261	0.140	
857.00	858.00	1.00	1119262	18.300	
858.00	859.00	1.00	1119263	6.720	
859.00	860.00	1.00	1119264	0.205	
860.00	861.00	1.00	1119265	14.100	
861.00	862.00	1.00	1119266	3.980	
862.00	863.00	1.00	1119267	54.100	
863.00	864.00	1.00	1119269	6.410	
864.00	865.00	1.00	1119270	6.070	



Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
865.00	866.00	1.00	1119271	0.879	
866.00	867.00	1.00	1119272	0.176	
867.00	868.00	1.00	1119273	1.740	
868.00	869.00	1.00	1119274	0.399	
869.00	870.00	1.00	1119275	1.500	
870.00	871.00	1.00	1119277	2.440	
871.00	872.00	1.00	1119278	13.900	
872.00	873.50	1.50	1119279	0.342	
873.50	875.00	1.50	1119280	0.026	
875.00	876.50	1.50	1119281	0.029	
876.50	878.00	1.50	1119282	0.022	
878.00	879.50	1.50	1119283	0.018	
879.50	881.00	1.50	1119285	0.006	
881.00	882.50	1.50	1119286	0.005	
882.50	884.00	1.50	1119287	0.010	
884.00	885.50	1.50	1119288	0.006	
885.50	887.00	1.50	1119289	0.005	
887.00	888.50	1.50	1119290	0.008	
888.50	890.00	1.50	1119291	0.003	
890.00	891.50	1.50	1119293	0.007	

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP173w1	Claims title:	K1375 (PAT-52616)	Section:	11200A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	22/04/2018	Description date:	22/04/2018
		End date:	30/04/2018		
<b>Collar</b>					
			UTM		
Azimuth:	146.50°	East	441156.70		
Dip:	-80.00°	North	5651750.70		
Length:	849.00	Elevation	381.60		
Number of samples:	120				
Number of QAQC samples:	17				
Total sampled length:	130.50				
<b>Description:</b>					
<p>First cut off HMP173 mother hole.  Wedge set 2 o'clock (60degrees) at ~510m.  wedge set at 11 oclock at ~603m.  3m hexagonal, 1 shell used.</p>					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
512.00 522.50 ET	
LAP	
FOL	
M	
MG	
GRM	
tuff	
522.50 690.00 E1	640.40 642.40 I1
30	35
MAS	CHM
FOL	FOL
W	W
FG	FG
GRD	GRM
mafic volcanics	
690.00 692.00 E1T	
29	
FOL	
S	
FG	
GRM	
grey to beige, strongly foliated tuff. lacking lapilli fragments.	
692.00 712.50 E1	
31	
MAS	
FOL	
W	
FG	
GRD	
mafic volcanics (basalt)	
712.50 723.20 E2	
26	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
MAS FOL W MG GRM andesite?	721.10 721.50 11 50

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>723.20 733.30 E1                      57                      MAS                      FOL                      W                      FG                      GRD                      mafic volcanics. small unit of lapilli                      733.30 737.10 I3HP                      52                      POR                      FOL                      M                      CG                      GRM                      hasaga porphyry                      737.10 739.50 E1                      30                      MAS                      FOL                      W                      FG                      GRD                      mafic volcanics                      739.50 757.80 I3HP                      74                      POR                      FOL</p>	<p>FOL                      W                      FG                      GRM                        734.50 735.00 E1                      34                      FOL                      S                      FG                      GRD</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
W MG GRM hassaga porphyry	741.10 741.90 E1 72 FOL W

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
757.80 761.50 E1 31 MAS FOL M FG GRD mafic volcanics	FG GRD
761.50 765.00 I3HP 30 POR FOL W MG GRM hasaga porphyry	763.30 764.60 E1 12 FOL S FG GRD
765.00 773.70 E1 21 MAS FOL M FG GRD mafic volcanics 773.70 789.40 I3HP 55 POR FOL M CG	772.40 773.60 I1O 30 FOL S MG BK 322.0°30.0°2

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
GRM hasaga porphyry	778.80 780.70 E1 20 FOL S FG GRD



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
789.40 813.30 E1 47 MAS FOL W FG GRD mafic volcanics	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>813.30 814.90 I3HP                      54                      POR                      FOL                      W                      CG                      GRM                      hasaga porphyry                      814.90 829.60 E1                      45                      MAS                      FOL                      M                      FG                      GRD                      mafic volcanics                      829.60 831.10 I3HP                      37                      POR                      FOL                      M                      CG                      GRM                      hasaga porphyry</p>	<p>797.30 797.50 I1                      35                      POR                      FOL                      S                      MG                      GNM                      340.0°35.0°2</p> <p>819.40 820.30 I1                      42                      FOL                      M                      FG                      GRM</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
831.10 849.00 E1T 40 MAS FOL S FG GRM grey to beige volcanic (tuff?)	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
	838.20 838.30 11 64 FOL S FG GRD

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
718.00	719.50	1.50	1119294	0.003	
719.50	721.00	1.50	1119295	0.026	
721.00	722.50	1.50	1119296	0.003	
722.50	724.00	1.50	1119297	0.003	
724.00	725.50	1.50	1119298	0.008	
725.50	727.00	1.50	1119299	0.023	
727.00	728.50	1.50	1119301	0.041	
728.50	730.00	1.50	1119302	0.038	
730.00	731.50	1.50	1119303	0.019	
731.50	733.00	1.50	1119304	0.013	
733.00	734.00	1.00	1119305	0.044	
734.00	735.00	1.00	1119306	0.046	
735.00	736.00	1.00	1119307	0.247	
736.00	737.00	1.00	1119309	0.168	
737.00	738.00	1.00	1119310	0.425	
738.00	739.00	1.00	1119311	0.747	
739.00	740.00	1.00	1119312	0.392	
740.00	741.00	1.00	1119313	0.292	
741.00	742.00	1.00	1119314	1.490	
742.00	743.00	1.00	1119315	0.709	
743.00	744.00	1.00	1119317	0.360	
744.00	745.00	1.00	1119318	0.854	
745.00	746.00	1.00	1119319	0.181	
746.00	747.00	1.00	1119320	0.162	
747.00	748.00	1.00	1119321	0.308	
748.00	749.00	1.00	1119322	0.229	
749.00	750.00	1.00	1119323	0.302	
750.00	751.00	1.00	1119325	0.438	
751.00	752.00	1.00	1119326	0.543	
752.00	753.00	1.00	1119327	1.980	
753.00	754.00	1.00	1119328	9.360	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
754.00	755.00	1.00	1119329	0.338	
755.00	756.00	1.00	1119330	0.241	
756.00	757.00	1.00	1119331	0.508	
757.00	758.00	1.00	1119333	0.617	
758.00	759.00	1.00	1119334	0.306	
759.00	760.00	1.00	1119335	0.587	
760.00	761.00	1.00	1119336	0.048	
761.00	762.00	1.00	1119337	0.203	
762.00	763.00	1.00	1119338	0.074	
763.00	764.00	1.00	1119339	0.184	
764.00	765.00	1.00	1119341	0.139	
765.00	766.00	1.00	1119342	0.214	
766.00	767.00	1.00	1119343	0.291	
767.00	768.00	1.00	1119344	1.180	
768.00	769.00	1.00	1119345	0.457	
769.00	770.00	1.00	1119346	0.392	
770.00	771.00	1.00	1119347	0.102	
771.00	772.00	1.00	1119349	0.318	
772.00	773.00	1.00	1119350	0.045	
773.00	774.00	1.00	1119351	0.295	
774.00	775.00	1.00	1119352	0.671	
775.00	776.00	1.00	1119353	4.050	
776.00	777.00	1.00	1119354	26.000	
777.00	778.00	1.00	1119355	9.460	
778.00	779.00	1.00	1119357	0.171	
779.00	780.00	1.00	1119358	0.036	
780.00	781.00	1.00	1119359	0.062	
781.00	782.00	1.00	1119360	0.183	
782.00	783.00	1.00	1119361	0.163	
783.00	784.00	1.00	1119362	0.028	
784.00	785.00	1.00	1119363	0.586	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
785.00	786.00	1.00	1119365	0.035	
786.00	787.00	1.00	1119366	0.106	
787.00	788.00	1.00	1119367	0.323	
788.00	789.00	1.00	1119368	0.627	
789.00	790.00	1.00	1119369	5.180	
790.00	791.00	1.00	1119370	0.369	
791.00	792.00	1.00	1119371	0.165	
792.00	793.00	1.00	1119373	0.021	
793.00	794.00	1.00	1119374	0.230	
794.00	795.00	1.00	1119375	0.028	
795.00	796.00	1.00	1119376	0.391	
796.00	797.00	1.00	1119377	0.028	
797.00	798.00	1.00	1119378	0.014	
798.00	799.00	1.00	1119379	0.008	
799.00	800.00	1.00	1119381	0.006	
800.00	801.00	1.00	1119382	0.010	
801.00	802.00	1.00	1119383	0.030	
802.00	803.00	1.00	1119384	0.029	
803.00	804.00	1.00	1119385	0.535	
804.00	805.00	1.00	1119386	0.016	
805.00	806.00	1.00	1119387	0.013	
806.00	807.00	1.00	1119389	0.007	
807.00	808.00	1.00	1119390	0.019	
808.00	809.00	1.00	1119391	0.046	
809.00	810.00	1.00	1119392	0.055	
810.00	811.00	1.00	1119393	0.213	
811.00	812.00	1.00	1119394	0.030	
812.00	813.00	1.00	1119395	0.029	
813.00	814.00	1.00	1119397	0.090	
814.00	815.00	1.00	1119398	0.267	
815.00	816.00	1.00	1119399	0.022	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
816.00	817.00	1.00	1119400	0.051	
817.00	818.00	1.00	1119401	0.108	
818.00	819.00	1.00	1119402	0.113	
819.00	820.00	1.00	1119403	0.141	
820.00	821.00	1.00	1119405	0.349	
821.00	822.00	1.00	1119406	0.094	
822.00	823.00	1.00	1119407	0.054	
823.00	824.00	1.00	1119408	0.018	
824.00	825.00	1.00	1119409	0.050	
825.00	826.00	1.00	1119410	0.033	
826.00	827.00	1.00	1119411	0.068	
827.00	828.00	1.00	1119413	0.028	
828.00	829.00	1.00	1119414	0.046	
829.00	830.00	1.00	1119415	0.094	
830.00	831.00	1.00	1119416	0.021	
831.00	832.00	1.00	1119417	0.018	
832.00	833.50	1.50	1119418	0.394	
833.50	835.00	1.50	1119419	0.023	
835.00	836.50	1.50	1119421	0.016	
836.50	838.00	1.50	1119422	0.005	
838.00	839.50	1.50	1119423	0.021	
839.50	841.00	1.50	1119424	0.003	
841.00	842.50	1.50	1119425	0.009	
842.50	844.00	1.50	1119426	0.061	
844.00	845.50	1.50	1119427	0.046	
845.50	847.00	1.50	1119429	0.029	
847.00	848.50	1.50	1119430	0.003	



## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP174	Claims title:	K1381 (PAT-52619)	Section:	10900A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	15/04/2018	Description date:	16/04/2018
		End date:	05/05/2018		
<b>Collar</b>					
			UTM		
Azimuth:	310.00°	East	441256.60		
Dip:	-73.00°	North	5651000.40		
Length:	1143.00	Elevation	387.70		
Number of samples:	257				
Number of QAQC samples:	36				
Total sampled length:	271.00				
<b>Description:</b>					
<p>Hole tracking to deep. Did not get as much lift as seen in previous holes            Pull back and set wedge; 12 o'clock @ ~430m and at ~600m.            6m hexagonal originally used until about 300m.            3m hex with 1 shell used past 300m, still only about 1.5 degrees lift. Note Drill 14****</p>					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 3.00 CS	
casing	
3.00 19.50 E2	
MAS	
FOL	
W	
MG	
GRM	
intermediate volcanics	
19.50 22.90 ET	
43	
MAS	
FOL	
M	
FG	
GNP	
tuff	
22.90 34.00 E2	
45	
MAS	
FOL	
W	
FG	
GRM	
intermediate volcanic	
34.00 97.30 E1	
50	
CRX	
MG	
GRD	
dark grey mafic volcanics with porphyritic texture of plagioclase grains	
97.30 148.00 E2	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
40 POR FOL W MG GRM porphyritic intermediate volcanic	100.70 101.90 E1

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>148.00 245.80 E1</p> <p>45            POR            FOL            W            FG            GRD            fine grained mafic volcanics. large phenocrysts of plagioclase giving porphyritic texture. Porphyritic basalt?            areas of intense pyrite mineralization and hematite staining/alteration</p> <p>245.80 267.30 E2</p> <p>47            MAS            FOL            W            FG            GRM            INTERMEDIATE VOLCANICS</p> <p>267.30 282.40 E1</p> <p>44            MAS            FOL            W            FG            GRD            MAFIC VOLCANICS</p>	<p>45            POR            FOL            W            FG            GRD            dark grey volcanic with plagioclase grains causing porphyritic texture</p> <p>155.40 156.50 E1</p> <p>45            MAS            FOL            W            FG            GRD            mafic volcanic intrusive</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
282.40 307.90 E1 40 POR FOL W MG GRD porphyritic volcanic (basalt?) 307.90 315.00 E1T 38 LAP FOL M MG GRM mafic tuff with fragments 315.00 322.30 E1 40 MAS FOL W FG GRD mafic volcanics 322.30 344.80 E1T 45 LAP FOL M MG GRM tuff	(Empty)

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>344.80 441.00 E1 43 POR FOL W FG GRD mafic volcanic. Interfingering of porphyritic textured volcanics and massive.</p>	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>441.00 486.00 E1T            47            LAP            FOL            W            MG            GRM            mafic tuff with large fragments            486.00 490.50 E2            50            MAS            FOL            W            FG            GRM            ntermediate volcanics            490.50 640.50 E1T            48            LAP            FOL            M            MG            GRD            lapilli tuff .</p>	<p>355.50 356.50 ET            30            LAP            FOL            M            MG            GRM            tuff</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p data-bbox="107 217 1045 324">-Patchy "bombs" (larger fragments) to smaller lapilli fragments. Locally only porphyritic texture of mafic volcanics (is it plagioclase or smaller fine fragments within the tuff).</p> <p data-bbox="107 1315 331 1421">640.50 666.50 E1 40 MAS</p>	<p data-bbox="1129 1128 1339 1307">612.00 612.70 I1 10 MAS FG BK</p>



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FOL M FG GRM mafic to intermediate volcanics (basalt?)	644.60 644.90 11 30 MAS

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>666.50 679.50 E1P            70            MAS            FOL            M            FG            GRD            mafic volcanics (basalt), small patch of lapilli fragments and/or part of flow top breccia?            679.50 758.20 E2            33            MAS            FOL            W            FG            GRM            intermediate volcanics            758.20 861.20 E1            60            MAS            FOL            M            FG            GRD            mafic to intermediate volcanics            861.20 893.90 I3HP            33            POR</p>	<p>FOL            S            FG            GNM</p> <p>685.50 686.00 I3            47            POR            FOL            W            MG            RED            syenite intrusion?            771.20 772.80 I1            44            MAS            FOL            W            MG            GRM            medium to coarse grained. Gabbroic to dioritic texture</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FOL W CG GRM hasaga porphyry	889.90 891.20 E1 57 FOL

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>893.90 898.20 E1                      12                      MAS                      FOL                      W                      FG                      GRM                      mafic volcanics                      898.20 923.90 I3HP                      15                      MAS                      FOL                      W                      CG                      GRM                      hasaga porphyry                      923.90 926.35 I1O                      45                      POR                      FOL                      S                      MG                      GND                      dark grey to green, strongly deformed dyke with carb phenocrysts. Looks similar to old dyke. Crenulation cleavages abundant                      A45                      B330                      C3                      926.35 108... I3HP</p>	<p>M                      FG                      GRD</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
60 POR FOL W CG GRD hasaga porphyry	947.00 947.80 11

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
108... 114... E1 18 MAS FOL M FG GRD mafic volcanics	37 CHM FOL M FG GRD 109... 109... 11 45 CHM FOL W FG GRD 343.0°45.0°2

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
840.00	841.50	1.50	146152	0.057	
841.50	843.00	1.50	146153	0.025	
843.00	844.50	1.50	146154	0.018	
844.50	846.00	1.50	146155	0.010	
846.00	847.50	1.50	146156	0.022	
847.50	849.00	1.50	146157	0.009	
849.00	850.50	1.50	146158	0.044	
850.50	852.00	1.50	146159	0.005	
852.00	853.50	1.50	146161	0.051	
853.50	855.00	1.50	146162	0.350	
855.00	856.50	1.50	146163	0.143	
856.50	858.00	1.50	146164	0.062	
858.00	859.50	1.50	146165	0.083	
859.50	861.00	1.50	146166	0.157	
861.00	862.00	1.00	146167	0.041	
862.00	863.00	1.00	146169	0.052	
863.00	864.00	1.00	146170	0.095	
864.00	865.00	1.00	146171	0.056	
865.00	866.00	1.00	146172	0.040	
866.00	867.00	1.00	146173	0.038	
867.00	868.00	1.00	146174	0.074	
868.00	869.00	1.00	146175	0.081	
869.00	870.00	1.00	146177	0.059	
870.00	871.00	1.00	146178	0.041	
871.00	872.00	1.00	146179	0.041	
872.00	873.00	1.00	146180	0.022	
873.00	874.00	1.00	146181	0.132	
874.00	875.00	1.00	146182	0.277	
875.00	876.00	1.00	146183	0.052	
876.00	877.00	1.00	146185	0.198	
877.00	878.00	1.00	146186	0.322	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
878.00	879.00	1.00	146187	0.169	
879.00	880.00	1.00	146188	0.087	
880.00	881.00	1.00	146189	0.224	
881.00	882.00	1.00	146190	0.045	
882.00	883.00	1.00	146191	0.193	
883.00	884.00	1.00	146193	0.533	
884.00	885.00	1.00	146194	1.050	
885.00	886.00	1.00	146195	0.140	
886.00	887.00	1.00	146196	0.064	
887.00	888.00	1.00	146197	0.125	
888.00	889.00	1.00	146198	0.083	
889.00	890.00	1.00	146199	0.400	
890.00	891.00	1.00	146201	0.011	
891.00	892.00	1.00	146202	0.062	
892.00	893.00	1.00	146203	0.114	
893.00	894.00	1.00	146204	0.176	
894.00	895.00	1.00	146205	0.076	
895.00	896.00	1.00	146206	0.036	
896.00	897.00	1.00	146207	0.016	
897.00	898.00	1.00	146209	0.037	
898.00	899.00	1.00	146210	0.055	
899.00	900.00	1.00	146211	0.102	
900.00	901.00	1.00	146212	0.169	
901.00	902.00	1.00	146213	0.518	
902.00	903.00	1.00	146214	0.282	
903.00	904.00	1.00	146215	0.159	
904.00	905.00	1.00	146217	1.130	
905.00	906.00	1.00	146218	0.535	
906.00	907.00	1.00	146219	0.320	
907.00	908.00	1.00	146220	0.142	
908.00	909.00	1.00	146221	0.142	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
909.00	910.00	1.00	146222	0.232	
910.00	911.00	1.00	146223	0.134	
911.00	912.00	1.00	146225	0.015	
912.00	913.00	1.00	146226	0.187	
913.00	914.00	1.00	146227	0.042	
914.00	915.00	1.00	146228	0.042	
915.00	916.00	1.00	146229	0.059	
916.00	917.00	1.00	146230	0.032	
917.00	918.00	1.00	146231	0.073	
918.00	919.00	1.00	146233	0.161	
919.00	920.00	1.00	146234	0.047	
920.00	921.00	1.00	146235	0.153	
921.00	922.00	1.00	146236	0.038	
922.00	923.00	1.00	146237	0.069	
923.00	924.00	1.00	146238	0.027	
924.00	925.00	1.00	146239	0.005	
925.00	926.00	1.00	146241	0.008	
926.00	927.00	1.00	146242	0.027	
927.00	928.00	1.00	146243	0.150	
928.00	929.00	1.00	146244	0.373	
929.00	930.00	1.00	146245	0.074	
930.00	931.00	1.00	146246	0.046	
931.00	932.00	1.00	146247	0.064	
932.00	933.00	1.00	146249	0.273	
933.00	934.00	1.00	146250	0.139	
934.00	935.00	1.00	146251	0.150	
935.00	936.00	1.00	146252	0.177	
936.00	937.00	1.00	146253	0.049	
937.00	938.00	1.00	146254	0.038	
938.00	939.00	1.00	146255	0.092	
939.00	940.00	1.00	146257	0.112	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
940.00	941.00	1.00	146258	0.026	
941.00	942.00	1.00	146259	0.255	
942.00	943.00	1.00	146260	0.323	
943.00	944.00	1.00	146261	0.057	
944.00	945.00	1.00	146262	0.010	
945.00	946.00	1.00	146263	0.013	
946.00	947.00	1.00	146265	0.204	
947.00	948.00	1.00	146266	0.028	
948.00	949.00	1.00	146267	0.003	
949.00	950.00	1.00	146268	0.076	
950.00	951.00	1.00	146269	0.254	
951.00	952.00	1.00	146270	0.375	
952.00	953.00	1.00	146271	0.026	
953.00	954.00	1.00	146273	0.537	
954.00	955.00	1.00	146274	0.467	
955.00	956.00	1.00	146275	0.488	
956.00	957.00	1.00	146276	0.030	
957.00	958.00	1.00	146277	0.549	
958.00	959.00	1.00	146278	0.510	
959.00	960.00	1.00	146279	0.400	
960.00	961.00	1.00	146281	0.157	
961.00	962.00	1.00	146282	0.087	
962.00	963.00	1.00	146283	0.275	
963.00	964.00	1.00	146284	1.390	
964.00	965.00	1.00	146285	5.040	
965.00	966.00	1.00	146286	2.640	
966.00	967.00	1.00	146287	2.280	
967.00	968.00	1.00	146289	0.155	
968.00	969.00	1.00	146290	0.405	
969.00	970.00	1.00	146291	0.277	
970.00	971.00	1.00	146292	0.136	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
971.00	972.00	1.00	146293	0.490	
972.00	973.00	1.00	146294	0.067	
973.00	974.00	1.00	146295	0.018	
974.00	975.00	1.00	146297	0.730	
975.00	976.00	1.00	146298	0.635	
976.00	977.00	1.00	146299	0.414	
977.00	978.00	1.00	146300	0.589	
978.00	979.00	1.00	146301	0.712	
979.00	980.00	1.00	146302	0.091	
980.00	981.00	1.00	146303	0.192	
981.00	982.00	1.00	146305	0.351	
982.00	983.00	1.00	146306	0.087	
983.00	984.00	1.00	146307	0.476	
984.00	985.00	1.00	146308	2.450	
985.00	986.00	1.00	146309	1.900	
986.00	987.00	1.00	146310	0.874	
987.00	988.00	1.00	146311	0.582	
988.00	989.00	1.00	146313	0.139	
989.00	990.00	1.00	146314	2.540	
990.00	991.00	1.00	146315	0.484	
991.00	992.00	1.00	146316	0.333	
992.00	993.00	1.00	146317	0.371	
993.00	994.00	1.00	146318	0.717	
994.00	995.00	1.00	146319	0.483	
995.00	996.00	1.00	146321	0.299	
996.00	997.00	1.00	146322	0.053	
997.00	998.00	1.00	146323	0.087	
998.00	999.00	1.00	146324	0.009	
999.00	1000.00	1.00	146325	0.008	
1000.00	1001.00	1.00	146326	0.489	
1001.00	1002.00	1.00	146327	4.630	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1002.00	1003.00	1.00	146329	6.680	
1003.00	1004.00	1.00	146330	0.542	
1004.00	1005.00	1.00	146331	0.063	
1005.00	1006.00	1.00	146332	0.520	
1006.00	1007.00	1.00	146333	0.428	
1007.00	1008.00	1.00	146334	0.043	
1008.00	1009.00	1.00	146335	0.011	
1009.00	1010.00	1.00	146337	0.055	
1010.00	1011.00	1.00	146338	0.164	
1011.00	1012.00	1.00	146339	0.245	
1012.00	1013.00	1.00	146340	0.431	
1013.00	1014.00	1.00	146341	0.139	
1014.00	1015.00	1.00	146342	0.286	
1015.00	1016.00	1.00	146343	0.084	
1016.00	1017.00	1.00	146345	0.388	
1017.00	1018.00	1.00	146346	0.365	
1018.00	1019.00	1.00	146347	0.386	
1019.00	1020.00	1.00	146348	5.770	
1020.00	1021.00	1.00	146349	3.640	
1021.00	1022.00	1.00	146350	1.490	
1022.00	1023.00	1.00	146351	0.471	
1023.00	1024.00	1.00	146353	0.627	
1024.00	1025.00	1.00	146354	0.567	
1025.00	1026.00	1.00	146355	0.121	
1026.00	1027.00	1.00	146356	0.315	
1027.00	1028.00	1.00	146357	0.063	
1028.00	1029.00	1.00	146358	0.135	
1029.00	1030.00	1.00	146359	6.200	
1030.00	1031.00	1.00	146361	0.255	
1031.00	1032.00	1.00	146362	0.403	
1032.00	1033.00	1.00	146363	0.471	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1033.00	1034.00	1.00	146364	0.329	
1034.00	1035.00	1.00	146365	0.364	
1035.00	1036.00	1.00	146366	0.592	
1036.00	1037.00	1.00	146367	0.085	
1037.00	1038.00	1.00	146369	0.020	
1038.00	1039.00	1.00	146370	0.041	
1039.00	1040.00	1.00	146371	0.226	
1040.00	1041.00	1.00	146372	0.035	
1041.00	1042.00	1.00	146373	0.202	
1042.00	1043.00	1.00	146374	0.128	
1043.00	1044.00	1.00	146375	0.312	
1044.00	1045.00	1.00	146377	0.016	
1045.00	1046.00	1.00	146378	0.012	
1046.00	1047.00	1.00	146379	0.047	
1047.00	1048.00	1.00	146380	0.305	
1048.00	1049.00	1.00	146381	0.045	
1049.00	1050.00	1.00	146382	0.236	
1050.00	1051.00	1.00	146383	0.040	
1051.00	1052.00	1.00	146385	0.237	
1052.00	1053.00	1.00	146386	0.344	
1053.00	1054.00	1.00	146387	0.240	
1054.00	1055.00	1.00	146388	0.332	
1055.00	1056.00	1.00	146389	0.121	
1056.00	1057.00	1.00	146390	0.203	
1057.00	1058.00	1.00	146391	0.026	
1058.00	1059.00	1.00	146393	0.739	
1059.00	1060.00	1.00	146394	0.307	
1060.00	1061.00	1.00	146395	0.167	
1061.00	1062.00	1.00	146396	0.022	
1062.00	1063.00	1.00	146397	0.038	
1063.00	1064.00	1.00	146398	0.335	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1064.00	1065.00	1.00	146399	0.184	
1065.00	1066.00	1.00	146401	0.128	
1066.00	1067.00	1.00	146402	0.068	
1067.00	1068.00	1.00	146403	2.140	
1068.00	1069.00	1.00	146404	1.850	
1069.00	1070.00	1.00	146405	0.855	
1070.00	1071.00	1.00	146406	0.076	
1071.00	1072.00	1.00	146407	0.037	
1072.00	1073.00	1.00	146409	0.019	
1073.00	1074.00	1.00	146410	0.140	
1074.00	1075.00	1.00	146411	0.081	
1075.00	1076.00	1.00	146412	0.034	
1076.00	1077.00	1.00	146413	0.035	
1077.00	1078.00	1.00	146414	0.054	
1078.00	1079.00	1.00	146415	0.009	
1079.00	1080.00	1.00	146417	0.050	
1080.00	1081.00	1.00	146418	1.530	
1081.00	1082.00	1.00	146419	0.135	
1082.00	1083.00	1.00	146420	0.238	
1083.00	1084.00	1.00	146421	0.265	
1084.00	1085.00	1.00	146422	0.304	
1085.00	1086.00	1.00	146423	0.377	
1086.00	1087.00	1.00	146425	0.221	
1087.00	1088.00	1.00	146426	1.050	
1088.00	1089.00	1.00	146427	0.031	
1089.00	1090.00	1.00	146428	0.011	
1090.00	1091.50	1.50	146429	0.003	
1091.50	1093.00	1.50	146430	0.097	
1093.00	1094.50	1.50	146431	0.003	
1094.50	1096.00	1.50	146433	0.010	
1096.00	1097.50	1.50	146434	0.116	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1097.50	1099.00	1.50	146435	0.003	
1099.00	1100.50	1.50	146436	0.011	
1100.50	1102.00	1.50	146437	0.015	
1102.00	1103.50	1.50	146438	0.003	
1103.50	1105.00	1.50	146439	0.003	
1105.00	1106.50	1.50	146441	0.006	
1106.50	1108.00	1.50	146442	0.098	
1108.00	1109.50	1.50	146443	0.066	
1109.50	1111.00	1.50	146444	0.058	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP175</b>	Claims title:	K1423 (PAT-6714)	Section:	10900A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Matthew DeGasperis	Start date:	01/05/2018	Description date:	01/05/2018
		End date:	09/05/2018		

## Collar

Azimuth: 147.10°  
Dip: -72.00°  
Length: 789.00

## UTM

East	440870.80
North	5651597.40
Elevation	385.70

Number of samples: 195  
Number of QAQC samples: 28  
Total sampled length: 206.00

## Description:

Drill first 100m with 6m hexagonal, 2 shell. Only got <1 degree lift. Changed to 3m hexagonal, 2 shells.

Core size: NQ

Cemented: No

Stored: No



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 6.00 CS	
casing	
6.00 446.80 I3DS	39.60 42.50 I1
MAS	70
FOL	MAS
W	FOL
CG	W
GRM	MG
dome stock	GNM
446.80 556.90 E2	516.80 517.20 I1
60	50
MAS	CHM
FOL	FOL
S	S
FG	FG
GRM	GNM
intermediate volcanics. very strongly foliated at contact for the first 12 meters	
556.90 658.80 I3HP	573.50 574.50 I1
55	30
POR	CHM
FOL	FOL
W	S
MG	FG
GRM	GRM
Hasaga porphyry with weak to slightly moderate sericite alteration and weak to no silicification. Minimal veins occurring in early part of porphyry.	
658.80 678.50 E1	
42	
MAS	
FOL	
W	
FG	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>GRD                      mafic volcanics                      678.50 728.60 I3HP                      70                      MAS                      FOL                      W                      MG                      GRM                      hasaga porphyry                      728.60 769.15 E2T                      61                      CHM                      FOL                      M                      FG                      GRM                      intermediate tuff                      769.15 789.00 E1                      45                      MAS                      FOL                      W                      FG                      GRD                      mafic volcanics</p>	<p>678.90 679.50 E1                      65                      CHM                      FOL                      W                      FG                      GRD                        739.00 739.60 I1                      47                      CHM                      FOL                      W                      FG                      GNM</p>

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
541.00	542.50	1.50	1119431	0.025	
542.50	544.00	1.50	1119432	0.035	
544.00	545.50	1.50	1119433	0.054	
545.50	547.00	1.50	1119434	0.113	
547.00	548.50	1.50	1119435	0.050	
548.50	550.00	1.50	1119437	0.018	
550.00	551.50	1.50	1119438	0.033	
551.50	553.00	1.50	1119439	0.082	
553.00	554.50	1.50	1119440	0.016	
554.50	556.00	1.50	1119441	0.009	
556.00	557.00	1.00	1119442	0.003	
557.00	558.00	1.00	1119443	0.137	
558.00	559.00	1.00	1119445	0.305	
559.00	560.00	1.00	1119446	0.186	
560.00	561.00	1.00	1119447	0.167	
561.00	562.00	1.00	1119448	0.109	
562.00	563.00	1.00	1119449	0.071	
563.00	564.00	1.00	1119450	0.137	
564.00	565.00	1.00	1119451	0.105	
565.00	566.00	1.00	1119453	0.480	
566.00	567.00	1.00	1119454	0.139	
567.00	568.00	1.00	1119455	0.318	
568.00	569.00	1.00	1119456	0.105	
569.00	570.00	1.00	1119457	0.045	
570.00	571.00	1.00	1119458	0.104	
571.00	572.00	1.00	1119459	0.095	
572.00	573.00	1.00	1119461	0.059	
573.00	574.00	1.00	1119462	0.030	
574.00	575.00	1.00	1119463	0.040	
575.00	576.00	1.00	1119464	1.200	
576.00	577.00	1.00	1119465	1.540	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
577.00	578.00	1.00	1119466	0.058	
578.00	579.00	1.00	1119467	0.063	
579.00	580.00	1.00	1119469	0.052	
580.00	581.00	1.00	1119470	0.092	
581.00	582.00	1.00	1119471	0.161	
582.00	583.00	1.00	1119472	0.038	
583.00	584.00	1.00	1119473	0.010	
584.00	585.00	1.00	1119474	0.029	
585.00	586.00	1.00	1119475	0.031	
586.00	587.00	1.00	1119477	0.048	
587.00	588.00	1.00	1119478	0.031	
588.00	589.00	1.00	1119479	0.065	
589.00	590.00	1.00	1119480	0.028	
590.00	591.00	1.00	1119481	0.067	
591.00	592.00	1.00	1119482	0.015	
592.00	593.00	1.00	1119483	0.045	
593.00	594.00	1.00	1119485	0.036	
594.00	595.00	1.00	1119486	0.144	
595.00	596.00	1.00	1119487	0.011	
596.00	597.00	1.00	1119488	0.053	
597.00	598.00	1.00	1119489	0.125	
598.00	599.00	1.00	1119490	0.418	
599.00	600.00	1.00	1119491	0.022	
600.00	601.00	1.00	1119493	0.011	
601.00	602.00	1.00	1119494	0.036	
602.00	603.00	1.00	1119495	0.033	
603.00	604.00	1.00	1119496	0.031	
604.00	605.00	1.00	1119497	0.846	
605.00	606.00	1.00	1119498	0.764	
606.00	607.00	1.00	1119499	1.310	
607.00	608.00	1.00	1119501	1.180	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
608.00	609.00	1.00	1119502	0.087	
609.00	610.00	1.00	1119503	0.082	
610.00	611.00	1.00	1119504	0.026	
611.00	612.00	1.00	1119505	0.124	
612.00	613.00	1.00	1119506	0.007	
613.00	614.00	1.00	1119507	0.003	
614.00	615.00	1.00	1119509	0.010	
615.00	616.00	1.00	1119510	0.011	
616.00	617.00	1.00	1119511	0.027	
617.00	618.00	1.00	1119512	0.039	
618.00	619.00	1.00	1119513	0.018	
619.00	620.00	1.00	1119514	0.006	
620.00	621.00	1.00	1119515	0.006	
621.00	622.00	1.00	1119517	0.018	
622.00	623.00	1.00	1119518	0.121	
623.00	624.00	1.00	1119519	0.010	
624.00	625.00	1.00	1119520	0.026	
625.00	626.00	1.00	1119521	0.024	
626.00	627.00	1.00	1119522	0.096	
627.00	628.00	1.00	1119523	0.039	
628.00	629.00	1.00	1119525	0.037	
629.00	630.00	1.00	1119526	0.099	
630.00	631.00	1.00	1119527	0.106	
631.00	632.00	1.00	1119528	0.118	
632.00	633.00	1.00	1119529	0.853	
633.00	634.00	1.00	1119530	3.640	
634.00	635.00	1.00	1119531	0.670	
635.00	636.00	1.00	1119533	0.438	
636.00	637.00	1.00	1119534	0.106	
637.00	638.00	1.00	1119535	0.062	
638.00	639.00	1.00	1119536	0.016	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
639.00	640.00	1.00	1119537	0.031	
640.00	641.00	1.00	1119538	0.115	
641.00	642.00	1.00	1119539	0.122	
642.00	643.00	1.00	1119541	0.091	
643.00	644.00	1.00	1119542	0.171	
644.00	645.00	1.00	1119543	0.100	
645.00	646.00	1.00	1119544	0.041	
646.00	647.00	1.00	1119545	0.089	
647.00	648.00	1.00	1119546	0.103	
648.00	649.00	1.00	1119547	0.059	
649.00	650.00	1.00	1119549	0.016	
650.00	651.00	1.00	1119550	0.123	
651.00	652.00	1.00	1119551	1.530	
652.00	653.00	1.00	1119552	2.590	
653.00	654.00	1.00	1119553	1.350	
654.00	655.00	1.00	1119554	0.178	
655.00	656.00	1.00	1119555	0.115	
656.00	657.00	1.00	1119557	0.198	
657.00	658.00	1.00	1119558	0.397	
658.00	659.00	1.00	1119559	0.599	
659.00	660.00	1.00	1119560	0.016	
660.00	661.00	1.00	1119561	0.016	
661.00	662.00	1.00	1119562	0.020	
662.00	663.00	1.00	1119563	0.009	
663.00	664.00	1.00	1119565	0.009	
664.00	665.00	1.00	1119566	0.006	
665.00	666.00	1.00	1119567	0.013	
666.00	667.00	1.00	1119568	0.011	
667.00	668.00	1.00	1119569	0.009	
668.00	669.00	1.00	1119570	0.011	
669.00	670.00	1.00	1119571	0.024	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
670.00	671.00	1.00	1119573	0.013	
671.00	672.00	1.00	1119574	0.011	
672.00	673.00	1.00	1119575	0.006	
673.00	674.00	1.00	1119576	0.008	
674.00	675.00	1.00	1119577	0.009	
675.00	676.00	1.00	1119578	0.006	
676.00	677.00	1.00	1119579	0.003	
677.00	678.00	1.00	1119581	0.005	
678.00	679.00	1.00	1119582	0.016	
679.00	680.00	1.00	1119583	0.019	
680.00	681.00	1.00	1119584	1.090	
681.00	682.00	1.00	1119585	0.807	
682.00	683.00	1.00	1119586	0.115	
683.00	684.00	1.00	1119587	0.013	
684.00	685.00	1.00	1119589	0.009	
685.00	686.00	1.00	1119590	0.224	
686.00	687.00	1.00	1119591	0.927	
687.00	688.00	1.00	1119592	1.670	
688.00	689.00	1.00	1119593	0.553	
689.00	690.00	1.00	1119594	0.274	
690.00	691.00	1.00	1119595	0.306	
691.00	692.00	1.00	1119597	1.320	
692.00	693.00	1.00	1119598	0.874	
693.00	694.00	1.00	1119599	8.680	
694.00	695.00	1.00	1119600	0.392	
695.00	696.00	1.00	1119601	0.107	
696.00	697.00	1.00	1119602	0.332	
697.00	698.00	1.00	1119603	0.265	
698.00	699.00	1.00	1119605	2.050	
699.00	700.00	1.00	1119606	0.925	
700.00	701.00	1.00	1119607	0.791	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
701.00	702.00	1.00	1119608	0.940	
702.00	703.00	1.00	1119609	0.605	
703.00	704.00	1.00	1119610	0.790	
704.00	705.00	1.00	1119611	1.570	
705.00	706.00	1.00	1119613	0.260	
706.00	707.00	1.00	1119614	1.140	
707.00	708.00	1.00	1119615	0.483	
708.00	709.00	1.00	1119616	1.260	
709.00	710.00	1.00	1119617	0.736	
710.00	711.00	1.00	1119618	0.340	
711.00	712.00	1.00	1119619	4.280	
712.00	713.00	1.00	1119621	0.153	
713.00	714.00	1.00	1119622	0.041	
714.00	715.00	1.00	1119623	0.061	
715.00	716.00	1.00	1119624	0.041	
716.00	717.00	1.00	1119625	0.291	
717.00	718.00	1.00	1119626	0.511	
718.00	719.00	1.00	1119627	0.385	
719.00	720.00	1.00	1119629	1.270	
720.00	721.00	1.00	1119630	0.740	
721.00	722.00	1.00	1119631	0.654	
722.00	723.00	1.00	1119632	0.787	
723.00	724.00	1.00	1119633	0.400	
724.00	725.00	1.00	1119634	0.550	
725.00	726.00	1.00	1119635	0.482	
726.00	727.00	1.00	1119637	0.715	
727.00	728.00	1.00	1119638	0.553	
728.00	729.00	1.00	1119639	0.576	
729.00	730.50	1.50	1119640	0.029	
730.50	732.00	1.50	1119641	0.146	
732.00	733.50	1.50	1119642	0.778	



Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
733.50	735.00	1.50	1119643	0.059	
735.00	736.50	1.50	1119645	0.043	
736.50	738.00	1.50	1119646	0.085	
738.00	739.50	1.50	1119647	0.015	
739.50	741.00	1.50	1119648	0.052	
741.00	742.50	1.50	1119649	0.026	
742.50	744.00	1.50	1119650	0.018	
744.00	745.50	1.50	1119651	0.014	
745.50	747.00	1.50	1119653	0.006	

Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP176</b>	Claims title:	K1378 (PAT-52628)	Section:	11250A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Matthew DeGasperis	Start date:	06/05/2018	Description date:	06/05/2018
		End date:	24/05/2018		
Collar					
				UTM	
Azimuth:	330.00°			East	441452.60
Dip:	-77.00°			North	5651092.70
Length:	1299.00			Elevation	382.60
Number of samples: 285					
Number of QAQC samples: 41					
Total sampled length: 298.00					
Description:					
USED 6M HEX, 2 SHELLS TIL ~950M. CHANGED TO 3M FOR ORIENTED CORE.					
Core size: NQ		Cemented: No		Stored: No	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 1.10 CS casing 1.10 302.10 E1 PIL FOL S FG GND mafic volcanics 302.10 307.70 E2 12 POR FOL W MG GRM andesite 307.70 312.50 E1 23 MAS FLT W FG GRM mafic volcanics 312.50 317.70 E2 35 POR FOL W MG GRM	(Empty)

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>andesite            317.70 336.60 E1T            42            POR            FOL            W            MG            GRM            mafic tuff            336.60 352.40 E2            25            POR            FOL            W            MG            GRM            andesite            352.40 356.80 E1            15            MAS            FOL            W            FG            GRD            mafic volcanics            356.80 360.60 E2            25            POR            FOL            W            MG            GRM</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>andesite            360.60 408.00 E1T            27            POR            FOL            W            CG            GRM            mafic tuff            408.00 436.20 E1            38            MAS            FOL            W            FG            GRD            mafic volcanic            436.20 444.60 E2            43            MAS            FOL            M            FG            GRM            intermediate volcanic with strong silicification            444.60 474.00 E1            45            MAS            FOL            W            FG            GRM</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mafic volcanic	
474.00 484.00 E2	
30	
POR	
MG	
GRM	
andesite	
484.00 536.50 E1	527.80 529.30 E2
40	28
PIL	POR
FOL	MG
M	SAP
FG	andesite
GNM	
mafic volcanics	536.50 538.80 I2
536.50 569.00 E1T	45
34	MAS
POR	FOL
FOL	W
M	FG
MG	GNM
GRM	greenish intermediate intrusive
tuff	
569.00 605.80 E1	
40	
MAS	
FOL	
W	
FG	
GRM	
mafic volcanics bleached/silicified	
605.80 624.40 E1T	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>40 LAP FOL W FG GRM volcanic tuff. basaltic matrix with lapilli bombs. 624.40 635.40 E1</p>	
<p>45 MAS FG GRD mafic volcanics 635.40 674.60 E1T</p>	
<p>30 LAP FOL W FG GNM volcanic tuff with lapilli bombs 674.60 680.60 E2</p>	
<p>42 MAS FOL W FG GRM intermediate volcanics 680.60 714.90 E1T</p>	
<p>43 LAP</p>	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>FOL M MG GNM tuff 714.90 721.50 E2 38 POR MG GRM porphyritic intermediate volcanic 721.50 735.00 E1T 42 LAP FOL W MG GNM tuff 735.00 852.10 E2 50 MAS FOL W FG GRM intermediate volcanic 852.10 863.50 E1 45 POR FG GRM</p>	<p>851.15 852.10 I1 45 MAS FOL W FG GNM</p>



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mafic volcanics. porphyritic basalt? 863.50 933.00 E2 45 MAS FOL W FG GRM	865.50 867.40 11 43 MAS FOL W FG GNM
intermediate volcanics 933.00 101... E1 51 PIL FOL M FG GRM	
mafic volcanics 101... 111... I3HP 45 POR FOL W MG GRM	108... 109... 11 72 CHM FOL M FG BK
hasaga porphyry with moderate sericite alteration and intense silicification (quartz veining). Veins were thick but lacking pyrite mineralization. Smaller veins contain higher proportion of tourmaline 111... 111... E1 30 MAS FOL M	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>FG                      GNM                      strongly foliated, green mafic volcanics with srtrong chlorite alteration.                      111... 120... I3HP                      28                      POR                      FOL                      W                      MG                      GRM                      hasaga porphyry.                      120... 120... E1                      47                      CHM                      FOL                      M                      FG                      BK                      mafic volcanics (possibly old dyke)                      120... 127... I3HP                      45                      POR                      MG                      GRM                      hasaga porphyry                      127... 129... E1                      35                      MAS                      FOL                      W                      FG                      GRD</p>	<p>114... 115... I1                      40                      CHM                      FOL                      W                      FG                      GRM                        123... 123... I3                      70                      CHM                      FG                      GRP</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mafic volcanics	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
999.00	1000.50	1.50	146445	0.003	
1000.50	1002.00	1.50	146446	0.005	
1002.00	1003.50	1.50	146447	0.005	
1003.50	1005.00	1.50	146449	0.003	
1005.00	1006.50	1.50	146450	0.006	
1006.50	1008.00	1.50	146451	0.005	
1008.00	1009.50	1.50	146452	0.015	
1009.50	1011.00	1.50	146453	0.009	
1011.00	1012.50	1.50	146454	0.007	
1012.50	1014.00	1.50	146455	0.005	
1014.00	1015.50	1.50	146457	0.020	
1015.50	1017.00	1.50	146458	0.017	
1017.00	1018.00	1.00	146459	0.196	
1018.00	1019.00	1.00	146460	0.990	
1019.00	1020.00	1.00	146461	0.175	
1020.00	1021.00	1.00	146462	0.082	
1021.00	1022.00	1.00	146463	0.206	
1022.00	1023.00	1.00	146465	0.047	
1023.00	1024.00	1.00	146466	0.035	
1024.00	1025.00	1.00	146467	0.533	
1025.00	1026.00	1.00	146468	0.038	
1026.00	1027.00	1.00	146469	0.010	
1027.00	1028.00	1.00	146470	0.031	
1028.00	1029.00	1.00	146471	0.057	
1029.00	1030.00	1.00	146473	0.032	
1030.00	1031.00	1.00	146474	0.042	
1031.00	1032.00	1.00	146475	0.016	
1032.00	1033.00	1.00	146476	0.270	
1033.00	1034.00	1.00	146477	0.133	
1034.00	1035.00	1.00	146478	0.205	
1035.00	1036.00	1.00	146479	0.553	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1036.00	1037.00	1.00	146481	0.138	
1037.00	1038.00	1.00	146482	0.208	
1038.00	1039.00	1.00	146483	0.034	
1039.00	1040.00	1.00	146484	0.050	
1040.00	1041.00	1.00	146485	6.020	
1041.00	1042.00	1.00	146486	0.008	
1042.00	1043.00	1.00	146487	0.020	
1043.00	1044.00	1.00	146489	0.101	
1044.00	1045.00	1.00	146490	0.035	
1045.00	1046.00	1.00	146491	0.127	
1046.00	1047.00	1.00	146492	0.385	
1047.00	1048.00	1.00	146493	2.450	
1048.00	1049.00	1.00	146494	0.021	
1049.00	1050.00	1.00	146495	0.034	
1050.00	1051.00	1.00	146497	0.022	
1051.00	1052.00	1.00	146498	0.503	
1052.00	1053.00	1.00	146499	0.531	
1053.00	1054.00	1.00	146500	0.003	
1054.00	1055.00	1.00	146501	0.037	
1055.00	1056.00	1.00	146502	0.153	
1056.00	1057.00	1.00	146503	1.310	
1057.00	1058.00	1.00	146505	6.020	
1058.00	1059.00	1.00	146506	0.583	
1059.00	1060.00	1.00	146507	0.102	
1060.00	1061.00	1.00	146508	0.052	
1061.00	1062.00	1.00	146509	0.438	
1062.00	1063.00	1.00	146510	0.224	
1063.00	1064.00	1.00	146511	0.021	
1064.00	1065.00	1.00	146513	1.210	
1065.00	1066.00	1.00	146514	0.044	
1066.00	1067.00	1.00	146515	0.088	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1067.00	1068.00	1.00	146516	0.050	
1068.00	1069.00	1.00	146517	0.029	
1069.00	1070.00	1.00	146518	0.007	
1070.00	1071.00	1.00	146519	0.019	
1071.00	1072.00	1.00	146521	0.010	
1072.00	1073.00	1.00	146522	0.026	
1073.00	1074.00	1.00	146523	0.014	
1074.00	1075.00	1.00	146524	0.054	
1075.00	1076.00	1.00	146525	0.006	
1076.00	1077.00	1.00	146526	0.003	
1077.00	1078.00	1.00	146527	0.003	
1078.00	1079.00	1.00	146529	0.005	
1079.00	1080.00	1.00	146530	0.024	
1080.00	1081.00	1.00	146531	0.060	
1081.00	1082.00	1.00	146532	0.043	
1082.00	1083.00	1.00	146533	0.005	
1083.00	1084.00	1.00	146534	0.017	
1084.00	1085.00	1.00	146535	0.006	
1085.00	1086.00	1.00	146537	0.022	
1086.00	1087.00	1.00	146538	0.022	
1087.00	1088.00	1.00	146539	0.022	
1088.00	1089.00	1.00	146540	0.023	
1089.00	1090.00	1.00	146541	0.025	
1090.00	1091.00	1.00	146542	0.009	
1091.00	1092.00	1.00	146543	0.012	
1092.00	1093.00	1.00	146545	0.024	
1093.00	1094.00	1.00	146546	0.013	
1094.00	1095.00	1.00	146547	0.012	
1095.00	1096.00	1.00	146548	0.013	
1096.00	1097.00	1.00	146549	0.017	
1097.00	1098.00	1.00	146550	0.028	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1098.00	1099.00	1.00	146551	0.014	
1099.00	1100.00	1.00	146553	0.011	
1100.00	1101.00	1.00	146554	0.009	
1101.00	1102.00	1.00	146555	0.010	
1102.00	1103.00	1.00	146556	0.006	
1103.00	1104.00	1.00	146557	0.008	
1104.00	1105.00	1.00	146558	0.011	
1105.00	1106.00	1.00	146559	0.005	
1106.00	1107.00	1.00	146561	0.006	
1107.00	1108.00	1.00	146562	0.011	
1108.00	1109.00	1.00	146563	0.019	
1109.00	1110.00	1.00	146564	0.007	
1110.00	1111.00	1.00	146565	0.003	
1111.00	1112.00	1.00	146566	0.008	
1112.00	1113.00	1.00	146567	0.007	
1113.00	1114.00	1.00	146569	0.006	
1114.00	1115.00	1.00	146570	0.005	
1115.00	1116.00	1.00	146571	0.010	
1116.00	1117.00	1.00	146572	0.011	
1117.00	1118.00	1.00	146573	0.007	
1118.00	1119.00	1.00	146574	0.012	
1119.00	1120.00	1.00	146575	0.019	
1120.00	1121.00	1.00	146577	0.018	
1121.00	1122.00	1.00	146578	0.022	
1122.00	1123.00	1.00	146579	0.010	
1123.00	1124.00	1.00	146580	0.005	
1124.00	1125.00	1.00	146581	0.009	
1125.00	1126.00	1.00	146582	0.009	
1126.00	1127.00	1.00	146583	0.008	
1127.00	1128.00	1.00	146585	0.016	
1128.00	1129.00	1.00	146586	0.037	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1129.00	1130.00	1.00	146587	0.183	
1130.00	1131.00	1.00	146588	0.751	
1131.00	1132.00	1.00	146589	0.103	
1132.00	1133.00	1.00	146590	0.266	
1133.00	1134.00	1.00	146591	0.062	
1134.00	1135.00	1.00	146593	0.042	
1135.00	1136.00	1.00	146594	0.017	
1136.00	1137.00	1.00	146595	0.018	
1137.00	1138.00	1.00	146596	0.053	
1138.00	1139.00	1.00	146597	0.801	
1139.00	1140.00	1.00	146598	0.615	
1140.00	1141.00	1.00	146599	2.960	
1141.00	1142.00	1.00	146601	3.480	
1142.00	1143.00	1.00	146602	0.012	
1143.00	1144.00	1.00	146603	0.015	
1144.00	1145.00	1.00	146604	0.025	
1145.00	1146.00	1.00	146605	0.021	
1146.00	1147.00	1.00	146606	0.096	
1147.00	1148.00	1.00	146607	0.012	
1148.00	1149.00	1.00	146609	0.009	
1149.00	1150.00	1.00	146610	0.010	
1150.00	1151.00	1.00	146611	0.026	
1151.00	1152.00	1.00	146612	0.007	
1152.00	1153.00	1.00	146613	0.008	
1153.00	1154.00	1.00	146614	0.017	
1154.00	1155.00	1.00	146615	0.007	
1155.00	1156.00	1.00	146617	0.167	
1156.00	1157.00	1.00	146618	2.650	
1157.00	1158.00	1.00	146619	0.038	
1158.00	1159.00	1.00	146620	0.022	
1159.00	1160.00	1.00	146621	0.031	



Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1160.00	1161.00	1.00	146622	0.015	
1161.00	1162.00	1.00	146623	0.017	
1162.00	1163.00	1.00	146625	0.032	
1163.00	1164.00	1.00	146626	0.033	
1164.00	1165.00	1.00	146627	0.252	
1165.00	1166.00	1.00	146628	0.044	
1166.00	1167.00	1.00	146629	0.149	
1167.00	1168.00	1.00	146630	0.011	
1168.00	1169.00	1.00	146631	0.170	
1169.00	1170.00	1.00	146633	0.039	
1170.00	1171.00	1.00	146634	0.014	
1171.00	1172.00	1.00	146635	0.010	
1172.00	1173.00	1.00	146636	0.042	
1173.00	1174.00	1.00	146637	0.010	
1174.00	1175.00	1.00	146638	0.037	
1175.00	1176.00	1.00	146639	0.051	
1176.00	1177.00	1.00	146641	0.018	
1177.00	1178.00	1.00	146642	0.008	
1178.00	1179.00	1.00	146643	0.005	
1179.00	1180.00	1.00	146644	0.005	
1180.00	1181.00	1.00	146645	0.007	
1181.00	1182.00	1.00	146646	0.133	
1182.00	1183.00	1.00	146647	0.012	
1183.00	1184.00	1.00	146649	0.007	
1184.00	1185.00	1.00	146650	0.006	
1185.00	1186.00	1.00	146651	0.010	
1186.00	1187.00	1.00	146652	0.006	
1187.00	1188.00	1.00	146653	0.005	
1188.00	1189.00	1.00	146654	0.011	
1189.00	1190.00	1.00	146655	0.836	
1190.00	1191.00	1.00	146657	0.013	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1191.00	1192.00	1.00	146658	0.003	
1192.00	1193.00	1.00	146659	0.003	
1193.00	1194.00	1.00	146660	0.013	
1194.00	1195.00	1.00	146661	0.024	
1195.00	1196.00	1.00	146662	0.072	
1196.00	1197.00	1.00	146663	0.040	
1197.00	1198.00	1.00	146665	0.011	
1198.00	1199.00	1.00	146666	0.036	
1199.00	1200.00	1.00	146667	0.049	
1200.00	1201.00	1.00	146668	0.010	
1201.00	1202.00	1.00	146669	0.028	
1202.00	1203.00	1.00	146670	0.070	
1203.00	1204.00	1.00	146671	0.164	
1204.00	1205.00	1.00	146673	0.020	
1205.00	1206.00	1.00	146674	0.032	
1206.00	1207.00	1.00	146675	0.044	
1207.00	1208.00	1.00	146676	0.014	
1208.00	1209.00	1.00	146677	0.031	
1209.00	1210.00	1.00	146678	0.042	
1210.00	1211.00	1.00	146679	0.030	
1211.00	1212.00	1.00	146681	0.007	
1212.00	1213.00	1.00	146682	0.020	
1213.00	1214.00	1.00	146683	0.089	
1214.00	1215.00	1.00	146684	0.037	
1215.00	1216.00	1.00	146685	0.026	
1216.00	1217.00	1.00	146686	0.035	
1217.00	1218.00	1.00	146687	0.033	
1218.00	1219.00	1.00	146689	0.050	
1219.00	1220.00	1.00	146690	0.014	
1220.00	1221.00	1.00	146691	0.026	
1221.00	1222.00	1.00	146692	0.021	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1222.00	1223.00	1.00	146693	0.020	
1223.00	1224.00	1.00	146694	0.010	
1224.00	1225.00	1.00	146695	0.022	
1225.00	1226.00	1.00	146697	0.025	
1226.00	1227.00	1.00	146698	0.047	
1227.00	1228.00	1.00	146699	0.101	
1228.00	1229.00	1.00	146700	0.031	
1229.00	1230.00	1.00	146701	0.017	
1230.00	1231.00	1.00	146702	0.026	
1231.00	1232.00	1.00	146703	0.045	
1232.00	1233.00	1.00	146705	0.068	
1233.00	1234.00	1.00	146706	0.058	
1234.00	1235.00	1.00	146707	0.027	
1235.00	1236.00	1.00	146708	0.023	
1236.00	1237.00	1.00	146709	0.035	
1237.00	1238.00	1.00	146710	0.042	
1238.00	1239.00	1.00	146711	0.028	
1239.00	1240.00	1.00	146713	0.036	
1240.00	1241.00	1.00	146714	0.013	
1241.00	1242.00	1.00	146715	0.011	
1242.00	1243.00	1.00	146716	0.068	
1243.00	1244.00	1.00	146717	0.009	
1244.00	1245.00	1.00	146718	0.008	
1245.00	1246.00	1.00	146719	0.012	
1246.00	1247.00	1.00	146721	0.009	
1247.00	1248.00	1.00	146722	0.033	
1248.00	1249.00	1.00	146723	0.013	
1249.00	1250.00	1.00	146724	0.019	
1250.00	1251.00	1.00	146725	0.044	
1251.00	1252.00	1.00	146726	0.511	
1252.00	1253.00	1.00	146727	0.082	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1253.00	1254.00	1.00	146729	0.022	
1254.00	1255.00	1.00	146730	0.036	
1255.00	1256.00	1.00	146731	7.930	
1256.00	1257.00	1.00	146732	0.086	
1257.00	1258.00	1.00	146733	0.031	
1258.00	1259.00	1.00	146734	0.046	
1259.00	1260.00	1.00	146735	0.066	
1260.00	1261.00	1.00	146737	0.073	
1261.00	1262.00	1.00	146738	0.013	
1262.00	1263.00	1.00	146739	0.009	
1263.00	1264.00	1.00	146740	0.006	
1264.00	1265.00	1.00	146741	0.508	
1265.00	1266.00	1.00	146742	0.047	
1266.00	1267.00	1.00	146743	0.008	
1267.00	1268.00	1.00	146745	0.014	
1268.00	1269.00	1.00	146746	0.022	
1269.00	1270.00	1.00	146747	0.029	
1270.00	1271.00	1.00	146748	1.050	
1271.00	1272.00	1.00	146749	0.038	
1272.00	1273.00	1.00	146750	0.092	
1273.00	1274.00	1.00	146751	0.025	
1274.00	1275.00	1.00	146753	0.093	
1275.00	1276.00	1.00	146754	0.025	
1276.00	1277.50	1.50	146755	0.015	
1277.50	1279.00	1.50	146756	0.010	
1279.00	1280.50	1.50	146757	0.009	
1280.50	1282.00	1.50	146758	0.023	
1282.00	1283.50	1.50	146759	0.003	
1283.50	1285.00	1.50	146761	0.008	
1285.00	1286.50	1.50	146762	0.003	
1286.50	1288.00	1.50	146763	0.007	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1288.00	1289.50	1.50	146764	0.005	
1289.50	1291.00	1.50	146765	0.011	
1291.00	1292.50	1.50	146766	0.007	
1292.50	1294.00	1.50	146767	0.024	
1294.00	1295.50	1.50	146769	0.010	
1295.50	1297.00	1.50	146770	0.022	

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP176w1	Claims title:	K1378 (PAT-52628)	Section:	11250A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	25/05/2018	Description date:	25/05/2018
		End date:	10/06/2018		
<b>Collar</b>					
			UTM		
Azimuth:	330.00°	East	441452.60		
Dip:	-77.00°	North	5651092.70		
Length:	1158.00	Elevation	382.60		
Number of samples:	183				
Number of QAQC samples:	26				
Total sampled length:	193.00				
<b>Description:</b>					
1st wedge set at 650m @ 3 o'clock					
2nd wedge set at 675m @ 1 o'clock					
Drilled approx. 100m beyond the wedges with 3m single shell round core barrels to get extra lift and drfit. Switched back to 6m double shell hexagonals for the remainder of the hole.					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>649.50 657.90 ET  LAP  BRX  M  FG  GRD  lapillui tuff in a fine grained mafic matrix.  657.90 668.80 E2  35  MAS  MG  SAP  medium to coarse grained intermediate volcanics (andesite with a more mafic composition)  668.80 678.30 ET  33  LAP  FG  GRM  lapilli tuff  678.30 682.00 E2  60  MAS  MG  GRM  intermediate volcanics (mafic andesite?)  682.00 742.00 ET  70  LAP  FG  GRM  lapilli tuff in a fine grained mafic matrix</p>	<p>725.00 725.15 I1  75  CHM  FOL  W  FG</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
742.00 754.30 E2	GND
67	
MAS	
MG	
GRM	
intermediate volcanics (andesite)	
754.30 812.20 E1	768.00 769.80 I1
70	71
MAS	CHM
FOL	FG
W	GNM
FG	
GRM	
mafic volcanics with patchy bleached alteration.	
812.20 816.10 E2	
55	
MAS	
FOL	
W	
MG	
GRM	
intermediate volcanic (andesite)	
816.10 983.30 E1	851.50 854.10 E2
65	48
MAS	CHM
FG	FOL
GRD	W
mafic volcanics	MG
	GRM
	andeiste
983.30 111... I3HP	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>46 POR MG GRM hasaga porphyry with moderate silicification. euhedral pyrite within quartz veining and disseminated throughout porphyry</p>	<p>104... 104... I1</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>111... 111... I1  60  MAS  FOL  W  FG  GRM  mafic dyke  111... 112... I3HP  40  POR  CG  GRM  hasaga porphyry  112... 112... I10  25  POR  FOL  M  MG  BK  old dyke?  112... 113... I3HP  12  POR  CG</p>	<p>25  CHM  FOL  S  FG  GRD</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>GRM hasaga porphyry 113... 113... I1 27 MAS FOL M MG GRD mafic dyke 113... 114... I3HP 23 POR CG GRM hasaga porphysy 114... 115... E1 34 MAS FG GRM mafic volcanics</p>	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
965.00	966.50	1.50	146771	0.008	
966.50	968.00	1.50	146772	0.006	
968.00	969.50	1.50	146773	0.018	
969.50	971.00	1.50	146774	0.003	
971.00	972.50	1.50	146775	0.008	
972.50	974.00	1.50	146777	0.009	
974.00	975.50	1.50	146778	0.046	
975.50	977.00	1.50	146779	0.008	
977.00	978.50	1.50	146780	0.009	
978.50	980.00	1.50	146781	0.008	
980.00	981.50	1.50	146782	0.006	
981.50	983.00	1.50	146783	0.008	
983.00	984.00	1.00	146785	1.250	
984.00	985.00	1.00	146786	3.360	
985.00	986.00	1.00	146787	0.492	
986.00	987.00	1.00	146788	2.240	
987.00	988.00	1.00	146789	1.310	
988.00	989.00	1.00	146790	2.430	
989.00	990.00	1.00	146791	0.347	
990.00	991.00	1.00	146793	0.587	
991.00	992.00	1.00	146794	9.340	
992.00	993.00	1.00	146795	0.072	
993.00	994.00	1.00	146796	0.144	
994.00	995.00	1.00	146797	0.053	
995.00	996.00	1.00	146798	0.188	
996.00	997.00	1.00	146799	0.112	
997.00	998.00	1.00	146801	0.026	
998.00	999.00	1.00	146802	0.006	
999.00	1000.00	1.00	146803	0.170	
1000.00	1001.00	1.00	146804	0.158	
1001.00	1002.00	1.00	146805	0.279	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1002.00	1003.00	1.00	146806	0.229	
1003.00	1004.00	1.00	146807	0.018	
1004.00	1005.00	1.00	146809	0.533	
1005.00	1006.00	1.00	146810	0.042	
1006.00	1007.00	1.00	146811	0.131	
1007.00	1008.00	1.00	146812	0.037	
1008.00	1009.00	1.00	146813	0.063	
1009.00	1010.00	1.00	146814	0.296	
1010.00	1011.00	1.00	146815	0.235	
1011.00	1012.00	1.00	146817	1.890	
1012.00	1013.00	1.00	146818	0.130	
1013.00	1014.00	1.00	146819	0.043	
1014.00	1015.00	1.00	146820	0.026	
1015.00	1016.00	1.00	146821	2.470	
1016.00	1017.00	1.00	146822	4.880	
1017.00	1018.00	1.00	146823	0.778	
1018.00	1019.00	1.00	146825	0.378	
1019.00	1020.00	1.00	146826	0.396	
1020.00	1021.00	1.00	146827	6.990	
1021.00	1022.00	1.00	146828	0.118	
1022.00	1023.00	1.00	146829	0.107	
1023.00	1024.00	1.00	146830	0.182	
1024.00	1025.00	1.00	146831	0.083	
1025.00	1026.00	1.00	146833	0.198	
1026.00	1027.00	1.00	146834	0.088	
1027.00	1028.00	1.00	146835	0.254	
1028.00	1029.00	1.00	146836	0.449	
1029.00	1030.00	1.00	146837	0.097	
1030.00	1031.00	1.00	146838	0.036	
1031.00	1032.00	1.00	146839	0.288	
1032.00	1033.00	1.00	146841	0.273	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1033.00	1034.00	1.00	146842	0.392	
1034.00	1035.00	1.00	146843	0.060	
1035.00	1036.00	1.00	146844	0.038	
1036.00	1037.00	1.00	146845	0.034	
1037.00	1038.00	1.00	146846	9.560	
1038.00	1039.00	1.00	146847	0.422	
1039.00	1040.00	1.00	146849	0.005	
1040.00	1041.00	1.00	146850	0.012	
1041.00	1042.00	1.00	146851	0.008	
1042.00	1043.00	1.00	146852	0.020	
1043.00	1044.00	1.00	146853	6.230	
1044.00	1045.00	1.00	146854	0.139	
1045.00	1046.00	1.00	146855	2.290	
1046.00	1047.00	1.00	146857	2.820	
1047.00	1048.00	1.00	146858	0.326	
1048.00	1049.00	1.00	146859	0.087	
1049.00	1050.00	1.00	146860	0.046	
1050.00	1051.00	1.00	146861	0.008	
1051.00	1052.00	1.00	146862	0.007	
1052.00	1053.00	1.00	146863	0.003	
1053.00	1054.00	1.00	146865	0.157	
1054.00	1055.00	1.00	146866	0.020	
1055.00	1056.00	1.00	146867	0.010	
1056.00	1057.00	1.00	146868	0.025	
1057.00	1058.00	1.00	146869	0.003	
1058.00	1059.00	1.00	146870	0.003	
1059.00	1060.00	1.00	146871	0.003	
1060.00	1061.00	1.00	146873	0.003	
1061.00	1062.00	1.00	146874	0.017	
1062.00	1063.00	1.00	146875	0.006	
1063.00	1064.00	1.00	146876	0.008	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1064.00	1065.00	1.00	146877	0.003	
1065.00	1066.00	1.00	146878	0.069	
1066.00	1067.00	1.00	146879	0.069	
1067.00	1068.00	1.00	146881	0.100	
1068.00	1069.00	1.00	146882	0.098	
1069.00	1070.00	1.00	146883	0.052	
1070.00	1071.00	1.00	146884	0.237	
1071.00	1072.00	1.00	146885	0.037	
1072.00	1073.00	1.00	146886	0.003	
1073.00	1074.00	1.00	146887	0.049	
1074.00	1075.00	1.00	146889	0.182	
1075.00	1076.00	1.00	146890	0.069	
1076.00	1077.00	1.00	146891	0.069	
1077.00	1078.00	1.00	146892	0.080	
1078.00	1079.00	1.00	146893	0.005	
1079.00	1080.00	1.00	146894	0.239	
1080.00	1081.00	1.00	146895	0.092	
1081.00	1082.00	1.00	146897	0.049	
1082.00	1083.00	1.00	146898	0.037	
1083.00	1084.00	1.00	146899	0.005	
1084.00	1085.00	1.00	146900	0.017	
1085.00	1086.00	1.00	146901	0.003	
1086.00	1087.00	1.00	146902	0.019	
1087.00	1088.00	1.00	146903	0.003	
1088.00	1089.00	1.00	146905	0.030	
1089.00	1090.00	1.00	146906	0.013	
1090.00	1091.00	1.00	146907	0.006	
1091.00	1092.00	1.00	146908	0.026	
1092.00	1093.00	1.00	146909	1.380	
1093.00	1094.00	1.00	146910	0.016	
1094.00	1095.00	1.00	146911	0.014	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1095.00	1096.00	1.00	146913	0.025	
1096.00	1097.00	1.00	146914	0.113	
1097.00	1098.00	1.00	146915	0.027	
1098.00	1099.00	1.00	146916	0.026	
1099.00	1100.00	1.00	146917	0.016	
1100.00	1101.00	1.00	146918	0.003	
1101.00	1102.00	1.00	146919	0.003	
1102.00	1103.00	1.00	146921	0.003	
1103.00	1104.00	1.00	146922	0.061	
1104.00	1105.00	1.00	146923	0.018	
1105.00	1106.00	1.00	146924	0.073	
1106.00	1107.00	1.00	146925	0.003	
1107.00	1108.00	1.00	146926	0.003	
1108.00	1109.00	1.00	146927	0.003	
1109.00	1110.00	1.00	146929	0.019	
1110.00	1111.00	1.00	146930	0.007	
1111.00	1112.00	1.00	146931	0.033	
1112.00	1113.00	1.00	146932	0.013	
1113.00	1114.00	1.00	146933	0.014	
1114.00	1115.00	1.00	146934	0.006	
1115.00	1116.00	1.00	146935	0.007	
1116.00	1117.00	1.00	146937	0.026	
1117.00	1118.00	1.00	146938	0.009	
1118.00	1119.00	1.00	146939	0.076	
1119.00	1120.00	1.00	146940	0.022	
1120.00	1121.00	1.00	146941	0.025	
1121.00	1122.00	1.00	146942	0.087	
1122.00	1123.00	1.00	146943	0.012	
1123.00	1124.00	1.00	146945	0.257	
1124.00	1125.00	1.00	146946	0.003	
1125.00	1126.00	1.00	146947	0.003	



Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1126.00	1127.00	1.00	146948	0.005	
1127.00	1128.00	1.00	146949	0.011	
1128.00	1129.00	1.00	146950	0.017	
1129.00	1130.00	1.00	146951	0.056	
1130.00	1131.00	1.00	146953	0.087	
1131.00	1132.00	1.00	146954	0.078	
1132.00	1133.00	1.00	146955	0.018	
1133.00	1134.00	1.00	146956	0.005	
1134.00	1135.00	1.00	146957	0.010	
1135.00	1136.00	1.00	146958	0.010	
1136.00	1137.00	1.00	146959	0.037	
1137.00	1138.00	1.00	146961	0.400	
1138.00	1139.00	1.00	146962	0.041	
1139.00	1140.00	1.00	146963	0.003	
1140.00	1141.00	1.00	146964	0.005	
1141.00	1142.00	1.00	146965	0.023	
1142.00	1143.00	1.00	146966	0.021	
1143.00	1144.00	1.00	146967	0.032	
1144.00	1145.00	1.00	146969	0.003	
1145.00	1146.00	1.00	146970	0.026	
1146.00	1147.50	1.50	146971	0.008	
1147.50	1149.00	1.50	146972	0.005	
1149.00	1150.50	1.50	146973	0.003	
1150.50	1152.00	1.50	146974	0.009	
1152.00	1153.50	1.50	146975	0.006	
1153.50	1155.00	1.50	146977	0.024	
1155.00	1156.50	1.50	146978	0.011	
1156.50	1158.00	1.50	146979	0.007	

## Premier Gold Mines NWO Inc.

<b>Survey:</b>	HMP176w2	Claims title:	K1378 (PAT-52628)	Section:	11250A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Matthew DeGasperis	Start date:	11/06/2018	Description date:	11/06/2018
		End date:	23/06/2018		
<b>Collar</b>					
				UTM	
Azimuth:	330.00°			East	441452.60
Dip:	-77.00°			North	5651092.70
Length:	1146.00			Elevation	382.60
Number of samples:	171				
Number of QAQC samples:	24				
Total sampled length:	185.00				
<b>Description:</b>					
1st wedge inserted @ 545m and second @ 594m. Used 3m hexagonal double shells.					
Core size: NQ		Cemented: No		Stored: No	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
544.50 590.70 E1T	
LAP	
FOL	
M	
FG	
GRP	
mafic tuff. beige to grey	
590.70 601.40 E1	
42	
MAS	
FRC	
W	
FG	
GRD	
mafic volcanics	
601.40 643.40 E1T	640.20 640.50 I1
65	43
LAP	CHM
FOL	FOL
W	W
FG	FG
GRD	GRD
mafic tuff with lapilli fragments	
643.40 646.20 E1	
15	
MAS	
FOL	
M	
FG	
GRD	
mafic volcanics	
646.20 755.80 E1T	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>25 LAP FOL W FG GRM tuff with fine grained volcanic matrix. mix of lapilli fragments and bombs/larger fragments</p>	<p>653.10 654.10 11</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>755.80 813.40 E1</p> <p>24</p> <p>MAS</p> <p>FOL</p> <p>W</p> <p>FG</p> <p>GRM</p> <p>mafic volcanics</p> <p>813.40 816.00 E2</p> <p>55</p> <p>MAS</p> <p>FOL</p> <p>W</p> <p>MG</p> <p>GRM</p> <p>intermediate volcancis. andesite.</p> <p>816.00 847.20 E1</p> <p>30</p> <p>MAS</p> <p>FOL</p> <p>W</p> <p>FG</p> <p>GRD</p> <p>mafic volcanics</p> <p>847.20 901.70 E1T</p> <p>45</p>	<p>35</p> <p>CHM</p> <p>FOL</p> <p>W</p> <p>MG</p> <p>GRP</p> <p>755.80 757.40 I1</p> <p>24</p> <p>CHM</p> <p>FOL</p> <p>W</p> <p>FG</p> <p>GRM</p>  <p>832.90 839.00 I1</p> <p>72</p> <p>FOL</p> <p>W</p> <p>MG</p> <p>GNM</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
LAP FOL W FG GRM tuff	895.90 896.10 11 40

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>901.70 959.30 E2            27            MAS            FOL            W            FG            GRM            volcanics            959.30 110... I3HP            45            POR            FOL            W            MG            GRM            hasaga porphyry            110... 114... E1            25            MAS            FLT            W            FG            GRD            mafic volcanics</p>	<p>CHM            FG            GRD            908.60 909.00 I1            26            CHM            FG            GNP              100... 100... I1            45            CHM            FOL            W            FG            GRD</p>

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
938.00	939.50	1.50	146980	0.007	
939.50	941.00	1.50	146981	0.008	
941.00	942.50	1.50	146982	0.090	
942.50	944.00	1.50	146983	0.128	
944.00	945.50	1.50	146985	0.007	
945.50	947.00	1.50	146986	0.005	
947.00	948.50	1.50	146987	0.003	
948.50	950.00	1.50	146988	0.009	
950.00	951.50	1.50	146989	0.015	
951.50	953.00	1.50	146990	0.010	
953.00	954.50	1.50	146991	0.088	
954.50	956.00	1.50	146993	0.079	
956.00	957.50	1.50	146994	0.006	
957.50	959.00	1.50	146995	0.060	
959.00	960.00	1.00	146996	0.450	
960.00	961.00	1.00	146997	1.790	
961.00	962.00	1.00	146998	0.338	
962.00	963.00	1.00	146999	0.173	
963.00	964.00	1.00	147001	0.821	
964.00	965.00	1.00	147002	0.590	
965.00	966.00	1.00	147003	1.480	
966.00	967.00	1.00	147004	2.570	
967.00	968.00	1.00	147005	1.250	
968.00	969.00	1.00	147006	0.212	
969.00	970.00	1.00	147007	1.210	
970.00	971.00	1.00	147009	3.250	
971.00	972.00	1.00	147010	0.960	
972.00	973.00	1.00	147011	8.550	
973.00	974.00	1.00	147012	1.740	
974.00	975.00	1.00	147013	0.684	
975.00	976.00	1.00	147014	3.830	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
976.00	977.00	1.00	147015	0.884	
977.00	978.00	1.00	147017	9.970	
978.00	979.00	1.00	147018	0.188	
979.00	980.00	1.00	147019	0.025	
980.00	981.00	1.00	147020	3.160	
981.00	982.00	1.00	147021	0.026	
982.00	983.00	1.00	147022	1.230	
983.00	984.00	1.00	147023	0.279	
984.00	985.00	1.00	147025	2.940	
985.00	986.00	1.00	147026	0.251	
986.00	987.00	1.00	147027	0.592	
987.00	988.00	1.00	147028	0.192	
988.00	989.00	1.00	147029	0.260	
989.00	990.00	1.00	147030	0.471	
990.00	991.00	1.00	147031	0.021	
991.00	992.00	1.00	147033	0.077	
992.00	993.00	1.00	147034	5.700	
993.00	994.00	1.00	147035	0.846	
994.00	995.00	1.00	147036	0.109	
995.00	996.00	1.00	147037	0.686	
996.00	997.00	1.00	147038	0.739	
997.00	998.00	1.00	147039	3.800	
998.00	999.00	1.00	147041	4.790	
999.00	1000.00	1.00	147042	0.165	
1000.00	1001.00	1.00	147043	0.564	
1001.00	1002.00	1.00	147044	6.250	
1002.00	1003.00	1.00	147045	23.100	
1003.00	1004.00	1.00	147046	4.900	
1004.00	1005.00	1.00	147047	0.138	
1005.00	1006.00	1.00	147049	4.310	
1006.00	1007.00	1.00	147050	0.199	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1007.00	1008.00	1.00	147051	0.080	
1008.00	1009.00	1.00	147052	0.593	
1009.00	1010.00	1.00	147053	0.240	
1010.00	1011.00	1.00	147054	0.096	
1011.00	1012.00	1.00	147055	0.675	
1012.00	1013.00	1.00	147057	0.469	
1013.00	1014.00	1.00	147058	0.775	
1014.00	1015.00	1.00	147059	0.788	
1015.00	1016.00	1.00	147060	1.750	
1016.00	1017.00	1.00	147061	5.460	
1017.00	1018.00	1.00	147062	0.035	
1018.00	1019.00	1.00	147063	0.055	
1019.00	1020.00	1.00	147065	0.120	
1020.00	1021.00	1.00	147066	0.097	
1021.00	1022.00	1.00	147067	0.016	
1022.00	1023.00	1.00	147068	0.040	
1023.00	1024.00	1.00	147069	0.139	
1024.00	1025.00	1.00	147070	0.240	
1025.00	1026.00	1.00	147071	0.086	
1026.00	1027.00	1.00	147073	0.588	
1027.00	1028.00	1.00	147074	1.360	
1028.00	1029.00	1.00	147075	0.014	
1029.00	1030.00	1.00	147076	0.027	
1030.00	1031.00	1.00	147077	0.021	
1031.00	1032.00	1.00	147078	0.012	
1032.00	1033.00	1.00	147079	0.073	
1033.00	1034.00	1.00	147081	0.064	
1034.00	1035.00	1.00	147082	0.058	
1035.00	1036.00	1.00	147083	0.072	
1036.00	1037.00	1.00	147084	0.062	
1037.00	1038.00	1.00	147085	0.041	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1038.00	1039.00	1.00	147086	0.036	
1039.00	1040.00	1.00	147087	0.036	
1040.00	1041.00	1.00	147089	0.080	
1041.00	1042.00	1.00	147090	0.143	
1042.00	1043.00	1.00	147091	19.400	
1043.00	1044.00	1.00	147092	0.076	
1044.00	1045.00	1.00	147093	0.176	
1045.00	1046.00	1.00	147094	0.041	
1046.00	1047.00	1.00	147095	0.035	
1047.00	1048.00	1.00	147097	0.005	
1048.00	1049.00	1.00	147098	0.031	
1049.00	1050.00	1.00	147099	0.018	
1050.00	1051.00	1.00	147100	0.013	
1051.00	1052.00	1.00	147101	0.280	
1052.00	1053.00	1.00	147102	0.095	
1053.00	1054.00	1.00	147103	0.048	
1054.00	1055.00	1.00	147105	0.020	
1055.00	1056.00	1.00	147106	0.043	
1056.00	1057.00	1.00	147107	0.076	
1057.00	1058.00	1.00	147108	0.035	
1058.00	1059.00	1.00	147109	0.037	
1059.00	1060.00	1.00	147110	0.049	
1060.00	1061.00	1.00	147111	0.032	
1061.00	1062.00	1.00	147113	0.013	
1062.00	1063.00	1.00	147114	0.008	
1063.00	1064.00	1.00	147115	0.007	
1064.00	1065.00	1.00	147116	0.010	
1065.00	1066.00	1.00	147117	1.440	
1066.00	1067.00	1.00	147118	0.003	
1067.00	1068.00	1.00	147119	0.017	
1068.00	1069.00	1.00	147121	0.003	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1069.00	1070.00	1.00	147122	0.007	
1070.00	1071.00	1.00	147123	0.008	
1071.00	1072.00	1.00	147124	0.003	
1072.00	1073.00	1.00	147125	0.012	
1073.00	1074.00	1.00	147126	0.013	
1074.00	1075.00	1.00	147127	0.010	
1075.00	1076.00	1.00	147129	0.025	
1076.00	1077.00	1.00	147130	0.020	
1077.00	1078.00	1.00	147131	0.300	
1078.00	1079.00	1.00	147132	0.020	
1079.00	1080.00	1.00	147133	0.062	
1080.00	1081.00	1.00	147134	0.362	
1081.00	1082.00	1.00	147135	0.009	
1082.00	1083.00	1.00	147137	0.008	
1083.00	1084.00	1.00	147138	0.003	
1084.00	1085.00	1.00	147139	0.019	
1085.00	1086.00	1.00	147140	0.009	
1086.00	1087.00	1.00	147141	0.018	
1087.00	1088.00	1.00	147142	0.040	
1088.00	1089.00	1.00	147143	0.041	
1089.00	1090.00	1.00	147145	0.073	
1090.00	1091.00	1.00	147146	0.061	
1091.00	1092.00	1.00	147147	0.047	
1092.00	1093.00	1.00	147148	0.037	
1093.00	1094.00	1.00	147149	0.045	
1094.00	1095.00	1.00	147150	0.070	
1095.00	1096.00	1.00	147151	0.039	
1096.00	1097.00	1.00	147153	0.019	
1097.00	1098.00	1.00	147154	0.040	
1098.00	1099.00	1.00	147155	0.173	
1099.00	1100.00	1.00	147156	0.066	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1100.00	1101.00	1.00	147157	0.034	
1101.00	1102.00	1.00	147158	0.015	
1102.00	1103.50	1.50	147159	0.006	
1103.50	1105.00	1.50	147161	0.006	
1105.00	1106.50	1.50	147162	0.003	
1106.50	1108.00	1.50	147163	0.003	
1108.00	1109.50	1.50	147164	0.005	
1109.50	1111.00	1.50	147165	0.003	
1111.00	1112.50	1.50	147166	0.003	
1112.50	1114.00	1.50	147167	0.003	
1114.00	1115.50	1.50	147169	0.005	
1115.50	1117.00	1.50	147170	0.007	
1117.00	1118.50	1.50	147171	0.003	
1118.50	1120.00	1.50	147172	0.005	
1120.00	1121.50	1.50	147173	0.006	
1121.50	1123.00	1.50	147174	0.006	

## Premier Gold Mines NWO Inc.

<b>Survey:</b> HMP176w3  Contractor: Chibougamau Drilling Author: Dylan Langille	Claims title: K1378 (PAT-52628) Township: HEYSON Range: COMPLETED Lot: HASAGA_2018 Start date: 24/06/2018 End date: 10/07/2018	Section: 11200A Level: DDH Work place: HASAGA_UG  Description date: 24/06/2018							
Collar									
Azimuth: 330.00° Dip: -77.00° Length: 1089.00	UTM <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding-right: 10px;">East</td> <td style="border: 1px solid black; padding: 2px;">441452.60</td> </tr> <tr> <td style="padding-right: 10px;">North</td> <td style="border: 1px solid black; padding: 2px;">5651092.70</td> </tr> <tr> <td style="padding-right: 10px;">Elevation</td> <td style="border: 1px solid black; padding: 2px;">382.60</td> </tr> </table>			East	441452.60	North	5651092.70	Elevation	382.60
East	441452.60								
North	5651092.70								
Elevation	382.60								
<table style="width: 100%;"> <tr> <td style="width: 60%;">Number of samples:</td> <td style="text-align: right;">143</td> </tr> <tr> <td>Number of QAQC samples:</td> <td style="text-align: right;">21</td> </tr> <tr> <td>Total sampled length:</td> <td style="text-align: right;">153.00</td> </tr> </table>				Number of samples:	143	Number of QAQC samples:	21	Total sampled length:	153.00
Number of samples:	143								
Number of QAQC samples:	21								
Total sampled length:	153.00								
Description: <ul style="list-style-type: none"> <li>1st wedge @ 475m</li> <li>2nd wedge @ 503m</li> <li>3rd wedge @ 650</li> <li>4th wedge @ 700</li> <li>3m hexagonal, double shell after both wedges.</li> </ul>									
Core size: NQ		Cemented: No							
		Stored: No							

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>474.00 520.70 E2            POR            FOL            W            MG            GNM            intermeidate volcanics, green-ish andesite            520.70 528.00 E1            42            MAS            FOL            W            FG            GRD            mafic volcanics            528.00 540.00 E2            40            MAS            FOL            W            FG            GNM            intermediate volcanics            540.00 606.00 E1            45            MAS            FOL            W            FG            GRM            mafic volcanics            606.00 723.40 E1T</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>60 LAP FOL W FG GRD mafic tuff (or brecciated volcanics) wiht lapilli bombs. epidote alteration</p>	<p>694.30 698.90 12</p>



# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>723.40 854.50 E1</p> <p>55</p> <p>POR</p> <p>FOL</p> <p>W</p> <p>FG</p> <p>GRD</p> <p>mafic volcanics</p> <p>854.50 859.00 E2</p> <p>60</p> <p>MAS</p> <p>FOL</p> <p>W</p> <p>MG</p> <p>SAP</p> <p>intermediate volcanics (andesite)</p> <p>859.00 945.10 E1</p> <p>65</p> <p>MAS</p> <p>FOL</p> <p>W</p> <p>FG</p> <p>GRD</p> <p>mafic volcanics</p> <p>945.10 103... I3HP</p>	<p>43</p> <p>CHM</p> <p>FOL</p> <p>W</p> <p>MG</p> <p>GNM</p> <p>intermediate intrusive with chilled margins</p> <p>838.40 841.50 I2</p> <p>70</p> <p>MAS</p> <p>FOL</p> <p>W</p> <p>MG</p> <p>GNM</p> <p>intermediate volcanics (andesite)</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
44 POR FOL W MG GRM hasaga porphyry 103... 103... I1O 30 CHM FOL S FG BK old dyke 103... 106... I3HP 30 POR FOL W MG GRM hasaga porphyry 106... 108... E1 48 MAS FOL W FG GRD mafic volcanics	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
930.00	931.50	1.50	147175	0.096	
931.50	933.00	1.50	147177	0.009	
933.00	934.50	1.50	147178	0.005	
934.50	936.00	1.50	147179	0.006	
936.00	937.50	1.50	147180	0.005	
937.50	939.00	1.50	147181	0.003	
939.00	940.50	1.50	147182	0.007	
940.50	942.00	1.50	147183	0.007	
942.00	943.50	1.50	147185	0.008	
943.50	945.00	1.50	147186	0.015	
945.00	946.00	1.00	147187	5.030	
946.00	947.00	1.00	147188	6.280	
947.00	948.00	1.00	147189	5.940	
948.00	949.00	1.00	147190	15.900	
949.00	950.00	1.00	147191	17.500	
950.00	951.00	1.00	147193	16.600	
951.00	952.00	1.00	147194	7.530	
952.00	953.00	1.00	147195	0.460	
953.00	954.00	1.00	147196	0.853	
954.00	955.00	1.00	147197	2.980	
955.00	956.00	1.00	147198	1.590	
956.00	957.00	1.00	147199	14.700	
957.00	958.00	1.00	147201	0.550	
958.00	959.00	1.00	147202	2.170	
959.00	960.00	1.00	147203	5.430	
960.00	961.00	1.00	147204	4.420	
961.00	962.00	1.00	147205	0.863	
962.00	963.00	1.00	147206	1.950	
963.00	964.00	1.00	147207	1.140	
964.00	965.00	1.00	147209	0.318	
965.00	966.00	1.00	147210	0.590	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
966.00	967.00	1.00	147211	16.100	
967.00	968.00	1.00	147212	2.290	
968.00	969.00	1.00	147213	2.470	
969.00	970.00	1.00	147214	0.194	
970.00	971.00	1.00	147215	0.146	
971.00	972.00	1.00	147217	4.180	
972.00	973.00	1.00	147218	0.149	
973.00	974.00	1.00	147219	0.014	
974.00	975.00	1.00	147220	0.206	
975.00	976.00	1.00	147221	0.414	
976.00	977.00	1.00	147222	1.470	
977.00	978.00	1.00	147223	0.234	
978.00	979.00	1.00	147225	0.110	
979.00	980.00	1.00	147226	4.480	
980.00	981.00	1.00	147227	23.900	
981.00	982.00	1.00	147228	0.329	
982.00	983.00	1.00	147229	0.035	
983.00	984.00	1.00	147230	52.200	
984.00	985.00	1.00	147231	2.500	
985.00	986.00	1.00	147233	0.276	
986.00	987.00	1.00	147234	0.559	
987.00	988.00	1.00	147235	1.870	
988.00	989.00	1.00	147236	0.122	
989.00	990.00	1.00	147237	0.212	
990.00	991.00	1.00	147238	0.097	
991.00	992.00	1.00	147239	0.200	
992.00	993.00	1.00	147241	0.054	
993.00	994.00	1.00	147242	0.013	
994.00	995.00	1.00	147243	0.108	
995.00	996.00	1.00	147244	2.220	
996.00	997.00	1.00	147245	0.029	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
997.00	998.00	1.00	147246	0.077	
998.00	999.00	1.00	147247	0.041	
999.00	1000.00	1.00	147249	0.131	
1000.00	1001.00	1.00	147250	0.069	
1001.00	1002.00	1.00	147251	0.181	
1002.00	1003.00	1.00	147252	1.910	
1003.00	1004.00	1.00	147253	0.294	
1004.00	1005.00	1.00	147254	0.236	
1005.00	1006.00	1.00	147255	1.480	
1006.00	1007.00	1.00	147257	2.830	
1007.00	1008.00	1.00	147258	0.228	
1008.00	1009.00	1.00	147259	0.141	
1009.00	1010.00	1.00	147260	0.123	
1010.00	1011.00	1.00	147261	8.170	
1011.00	1012.00	1.00	147262	23.600	
1012.00	1013.00	1.00	147263	0.144	
1013.00	1014.00	1.00	147265	0.098	
1014.00	1015.00	1.00	147266	0.523	
1015.00	1016.00	1.00	147267	0.382	
1016.00	1017.00	1.00	147268	0.592	
1017.00	1018.00	1.00	147269	0.024	
1018.00	1019.00	1.00	147270	0.134	
1019.00	1020.00	1.00	147271	0.627	
1020.00	1021.00	1.00	147273	0.195	
1021.00	1022.00	1.00	147274	0.277	
1022.00	1023.00	1.00	147275	23.500	
1023.00	1024.00	1.00	147276	0.315	
1024.00	1025.00	1.00	147277	0.133	
1025.00	1026.00	1.00	147278	0.991	
1026.00	1027.00	1.00	147279	0.020	
1027.00	1028.00	1.00	147281	0.022	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
1028.00	1029.00	1.00	147282	0.025	
1029.00	1030.00	1.00	147283	0.023	
1030.00	1031.00	1.00	147284	0.064	
1031.00	1032.00	1.00	147285	0.229	
1032.00	1033.00	1.00	147286	0.283	
1033.00	1034.00	1.00	147287	0.016	
1034.00	1035.00	1.00	147289	0.010	
1035.00	1036.00	1.00	147290	0.070	
1036.00	1037.00	1.00	147291	0.043	
1037.00	1038.00	1.00	147292	0.187	
1038.00	1039.00	1.00	147293	0.030	
1039.00	1040.00	1.00	147294	0.062	
1040.00	1041.00	1.00	147295	0.015	
1041.00	1042.00	1.00	147297	0.026	
1042.00	1043.00	1.00	147298	0.050	
1043.00	1044.00	1.00	147299	0.042	
1044.00	1045.00	1.00	147300	0.318	
1045.00	1046.00	1.00	147301	0.067	
1046.00	1047.00	1.00	147302	0.171	
1047.00	1048.00	1.00	147303	0.023	
1048.00	1049.00	1.00	147305	1.450	
1049.00	1050.00	1.00	147306	0.026	
1050.00	1051.00	1.00	147307	1.530	
1051.00	1052.00	1.00	147308	0.108	
1052.00	1053.00	1.00	147309	0.046	
1053.00	1054.00	1.00	147310	0.027	
1054.00	1055.00	1.00	147311	0.008	
1055.00	1056.00	1.00	147313	0.008	
1056.00	1057.00	1.00	147314	0.012	
1057.00	1058.00	1.00	147315	0.003	
1058.00	1059.00	1.00	147316	0.020	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
1059.00	1060.00	1.00	147317	0.034	
1060.00	1061.00	1.00	147318	0.030	
1061.00	1062.00	1.00	147319	0.027	
1062.00	1063.00	1.00	147321	0.033	
1063.00	1064.00	1.00	147322	0.015	
1064.00	1065.00	1.00	147323	0.089	
1065.00	1066.00	1.00	147324	0.055	
1066.00	1067.00	1.00	147325	0.016	
1067.00	1068.00	1.00	147326	0.040	
1068.00	1069.50	1.50	147327	0.006	
1069.50	1071.00	1.50	147329	0.005	
1071.00	1072.50	1.50	147330	0.003	
1072.50	1074.00	1.50	147331	0.005	
1074.00	1075.50	1.50	147332	0.003	
1075.50	1077.00	1.50	147333	0.006	
1077.00	1078.50	1.50	147334	0.006	
1078.50	1080.00	1.50	147335	0.003	
1080.00	1081.50	1.50	147337	0.003	
1081.50	1083.00	1.50	147338	0.005	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP177</b>	Claims title:	K1423 (PAT-6714)	Section:	10900A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	13/05/2018	Description date:	13/05/2018
		End date:	21/05/2018		

## Collar

Azimuth: 147.00°  
Dip: -66.00°  
Length: 708.00

## UTM

East	440870.70
North	5651597.20
Elevation	385.50

Number of samples: 203  
Number of QAQC samples: 29  
Total sampled length: 215.00

## Description:

3m hexagonal double shell used for drilling  
Gyro was performed three times. Gyro was malfunctioning, new one ordered

Core size: NQ

Cemented: No

Stored: No



# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 6.00 CS	
casing	
6.00 396.90 I3DS	21.15 21.50 I1
MAS	38
FOL	CHM
W	FOL
CG	M
GRM	FG
dome stock	GRD
396.90 403.90 E2	
54	
MAS	
FG	
GRP	
pale intermediate volcanic (silicified/bleached?)	
403.90 405.60 I3DS	
55	
MAS	
CG	
GRM	
hematite altered dome stock granodiorite	
405.60 493.10 E1	
51	
MAS	
FOL	
W	
FG	
GNM	
mafic volcanics with hematite alteration transitioning into more chloritic alteration	
493.10 520.60 I3HP	
55	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
POR	
FOL	
W	
MG	
GRM	
hasaga porphyry	
520.60 523.10 I1O	
72	
CHM	
FOL	
S	
FG	
BK	
old dyke with strong foliation	
523.10 600.35 I3HP	552.20 552.50 I1
75	68
POR	CHM
FOL	FOL
W	S
MG	FG
GRM	BK
hasaga porphyry	
600.35 614.10 E1	
50	
MAS	
FOL	
W	
FG	
GRD	
mafic volcanics	
614.10 662.70 I3HP	
56	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
POR MG GRM hasaga porphyry	614.35 614.80 11 58

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>662.70 663.70 I1O            44            CHM            FOL            S            MG            BK            strongly foliated old dyke            663.70 671.20 I3HP            46            CHM            FOL            W            MG            GRM            hasaga porphyry            671.20 677.30 ET            51            MAS            FOL            M            FG            GRM            tuff            677.30 708.00 E1            50            MAS</p>	<p>CHM            FOL            S            FG            BK</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FOL W FG GRD mafic volcanics	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
475.00	476.50	1.50	1119654	0.034	
476.50	478.00	1.50	1119655	0.075	
478.00	479.50	1.50	1119656	0.028	
479.50	481.00	1.50	1119657	0.024	
481.00	482.50	1.50	1119658	0.052	
482.50	484.00	1.50	1119659	0.134	
484.00	485.50	1.50	1119661	0.030	
485.50	487.00	1.50	1119662	0.020	
487.00	488.50	1.50	1119663	0.023	
488.50	490.00	1.50	1119664	0.021	
490.00	491.50	1.50	1119665	0.025	
491.50	493.00	1.50	1119666	0.026	
493.00	494.00	1.00	1119667	0.034	
494.00	495.00	1.00	1119669	0.124	
495.00	496.00	1.00	1119670	0.194	
496.00	497.00	1.00	1119671	0.106	
497.00	498.00	1.00	1119672	0.034	
498.00	499.00	1.00	1119673	0.059	
499.00	500.00	1.00	1119674	0.069	
500.00	501.00	1.00	1119675	0.035	
501.00	502.00	1.00	1119677	0.098	
502.00	503.00	1.00	1119678	0.057	
503.00	504.00	1.00	1119679	0.212	
504.00	505.00	1.00	1119680	0.574	
505.00	506.00	1.00	1119681	0.176	
506.00	507.00	1.00	1119682	0.019	
507.00	508.00	1.00	1119683	0.053	
508.00	509.00	1.00	1119685	0.130	
509.00	510.00	1.00	1119686	0.040	
510.00	511.00	1.00	1119687	0.246	
511.00	512.00	1.00	1119688	0.064	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
512.00	513.00	1.00	1119689	0.043	
513.00	514.00	1.00	1119690	0.054	
514.00	515.00	1.00	1119691	0.171	
515.00	516.00	1.00	1119693	0.240	
516.00	517.00	1.00	1119694	0.116	
517.00	518.00	1.00	1119695	0.139	
518.00	519.00	1.00	1119696	1.120	
519.00	520.00	1.00	1119697	0.320	
520.00	521.00	1.00	1119698	0.111	
521.00	522.00	1.00	1119699	0.005	
522.00	523.00	1.00	1119701	0.090	
523.00	524.00	1.00	1119702	0.168	
524.00	525.00	1.00	1119703	0.119	
525.00	526.00	1.00	1119704	0.060	
526.00	527.00	1.00	1119705	0.035	
527.00	528.00	1.00	1119706	0.380	
528.00	529.00	1.00	1119707	0.132	
529.00	530.00	1.00	1119709	0.162	
530.00	531.00	1.00	1119710	0.100	
531.00	532.00	1.00	1119711	0.108	
532.00	533.00	1.00	1119712	0.170	
533.00	534.00	1.00	1119713	0.486	
534.00	535.00	1.00	1119714	0.131	
535.00	536.00	1.00	1119715	0.077	
536.00	537.00	1.00	1119717	0.267	
537.00	538.00	1.00	1119718	0.253	
538.00	539.00	1.00	1119719	0.210	
539.00	540.00	1.00	1119720	0.129	
540.00	541.00	1.00	1119721	0.224	
541.00	542.00	1.00	1119722	0.145	
542.00	543.00	1.00	1119723	0.249	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
543.00	544.00	1.00	1119725	0.134	
544.00	545.00	1.00	1119726	1.210	
545.00	546.00	1.00	1119727	0.308	
546.00	547.00	1.00	1119728	0.108	
547.00	548.00	1.00	1119729	0.029	
548.00	549.00	1.00	1119730	0.237	
549.00	550.00	1.00	1119731	0.196	
550.00	551.00	1.00	1119733	0.278	
551.00	552.00	1.00	1119734	2.650	
552.00	553.00	1.00	1119735	0.144	
553.00	554.00	1.00	1119736	0.051	
554.00	555.00	1.00	1119737	0.066	
555.00	556.00	1.00	1119738	0.636	
556.00	557.00	1.00	1119739	0.594	
557.00	558.00	1.00	1119741	0.131	
558.00	559.00	1.00	1119742	0.102	
559.00	560.00	1.00	1119743	0.345	
560.00	561.00	1.00	1119744	1.920	
561.00	562.00	1.00	1119745	0.651	
562.00	563.00	1.00	1119746	4.370	
563.00	564.00	1.00	1119747	5.470	
564.00	565.00	1.00	1119749	0.641	
565.00	566.00	1.00	1119750	0.075	
566.00	567.00	1.00	1119751	0.182	
567.00	568.00	1.00	1119752	0.059	
568.00	569.00	1.00	1119753	0.068	
569.00	570.00	1.00	1119754	0.150	
570.00	571.00	1.00	1119755	0.230	
571.00	572.00	1.00	1119757	1.040	
572.00	573.00	1.00	1119758	1.700	
573.00	574.00	1.00	1119759	1.850	



Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
574.00	575.00	1.00	1119760	0.128	
575.00	576.00	1.00	1119761	0.036	
576.00	577.00	1.00	1119762	0.068	
577.00	578.00	1.00	1119763	0.595	
578.00	579.00	1.00	1119765	0.065	
579.00	580.00	1.00	1119766	0.235	
580.00	581.00	1.00	1119767	0.030	
581.00	582.00	1.00	1119768	0.072	
582.00	583.00	1.00	1119769	0.285	
583.00	584.00	1.00	1119770	0.204	
584.00	585.00	1.00	1119771	0.351	
585.00	586.00	1.00	1119773	0.180	
586.00	587.00	1.00	1119774	0.492	
587.00	588.00	1.00	1119775	0.096	
588.00	589.00	1.00	1119776	0.517	
589.00	590.00	1.00	1119777	0.324	
590.00	591.00	1.00	1119778	1.130	
591.00	592.00	1.00	1119779	1.660	
592.00	593.00	1.00	1119781	0.218	
593.00	594.00	1.00	1119782	0.146	
594.00	595.00	1.00	1119783	0.255	
595.00	596.00	1.00	1119784	1.010	
596.00	597.00	1.00	1119785	0.294	
597.00	598.00	1.00	1119786	0.102	
598.00	599.00	1.00	1119787	0.133	
599.00	600.00	1.00	1119789	0.090	
600.00	601.00	1.00	1119790	0.052	
601.00	602.00	1.00	1119791	0.011	
602.00	603.00	1.00	1119792	0.010	
603.00	604.00	1.00	1119793	0.026	
604.00	605.00	1.00	1119794	0.014	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
605.00	606.00	1.00	1119795	0.012	
606.00	607.00	1.00	1119797	0.009	
607.00	608.00	1.00	1119798	0.006	
608.00	609.00	1.00	1119799	0.007	
609.00	610.00	1.00	1119800	0.010	
610.00	611.00	1.00	1119801	0.005	
611.00	612.00	1.00	1119802	0.003	
612.00	613.00	1.00	1119803	0.007	
613.00	614.00	1.00	1119805	0.014	
614.00	615.00	1.00	1119806	0.038	
615.00	616.00	1.00	1119807	0.114	
616.00	617.00	1.00	1119808	0.068	
617.00	618.00	1.00	1119809	1.300	
618.00	619.00	1.00	1119810	0.968	
619.00	620.00	1.00	1119811	0.903	
620.00	621.00	1.00	1119813	1.410	
621.00	622.00	1.00	1119814	0.149	
622.00	623.00	1.00	1119815	0.106	
623.00	624.00	1.00	1119816	0.244	
624.00	625.00	1.00	1119817	0.692	
625.00	626.00	1.00	1119818	0.290	
626.00	627.00	1.00	1119819	0.215	
627.00	628.00	1.00	1119821	0.410	
628.00	629.00	1.00	1119822	0.379	
629.00	630.00	1.00	1119823	0.091	
630.00	631.00	1.00	1119824	0.118	
631.00	632.00	1.00	1119825	0.523	
632.00	633.00	1.00	1119826	2.440	
633.00	634.00	1.00	1119827	0.358	
634.00	635.00	1.00	1119829	0.025	
635.00	636.00	1.00	1119830	0.082	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
636.00	637.00	1.00	1119831	0.022	
637.00	638.00	1.00	1119832	0.542	
638.00	639.00	1.00	1119833	0.053	
639.00	640.00	1.00	1119834	0.145	
640.00	641.00	1.00	1119835	0.031	
641.00	642.00	1.00	1119837	0.034	
642.00	643.00	1.00	1119838	0.003	
643.00	644.00	1.00	1119839	0.022	
644.00	645.00	1.00	1119840	0.014	
645.00	646.00	1.00	1119841	0.044	
646.00	647.00	1.00	1119842	0.045	
647.00	648.00	1.00	1119843	0.193	
648.00	649.00	1.00	1119845	0.159	
649.00	650.00	1.00	1119846	0.072	
650.00	651.00	1.00	1119847	0.183	
651.00	652.00	1.00	1119848	0.031	
652.00	653.00	1.00	1119849	0.076	
653.00	654.00	1.00	1119850	0.055	
654.00	655.00	1.00	1119851	0.130	
655.00	656.00	1.00	1119853	0.194	
656.00	657.00	1.00	1119854	0.059	
657.00	658.00	1.00	1119855	0.040	
658.00	659.00	1.00	1119856	0.036	
659.00	660.00	1.00	1119857	0.099	
660.00	661.00	1.00	1119858	0.268	
661.00	662.00	1.00	1119859	0.330	
662.00	663.00	1.00	1119861	0.046	
663.00	664.00	1.00	1119862	0.070	
664.00	665.00	1.00	1119863	0.390	
665.00	666.00	1.00	1119864	0.027	
666.00	667.00	1.00	1119865	0.081	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
667.00	668.00	1.00	1119866	0.342	
668.00	669.00	1.00	1119867	0.080	
669.00	670.00	1.00	1119869	0.038	
670.00	671.00	1.00	1119870	0.164	
671.00	672.00	1.00	1119871	0.210	
672.00	673.50	1.50	1119872	0.020	
673.50	675.00	1.50	1119873	0.023	
675.00	676.50	1.50	1119874	0.020	
676.50	678.00	1.50	1119875	0.150	
678.00	679.50	1.50	1119877	0.033	
679.50	681.00	1.50	1119878	0.148	
681.00	682.50	1.50	1119879	0.046	
682.50	684.00	1.50	1119880	0.053	
684.00	685.50	1.50	1119881	0.023	
685.50	687.00	1.50	1119882	0.045	
687.00	688.50	1.50	1119883	0.035	
688.50	690.00	1.50	1119885	0.043	

Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP178</b>	Claims title:	K1423 (PAT-6714)	Section:	10900A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	21/05/2018	Description date:	21/05/2018
		End date:	30/05/2018		
Collar					
				UTM	
Azimuth:	147.00°		East	440871.10	
Dip:	-60.00°		North	5651597.10	
Length:	648.00		Elevation	384.20	
Number of samples: 212					
Number of QAQC samples: 30					
Total sampled length: 224.00					
Description:					
3m hexagonal double shell					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 6.00 CS	
casing	
6.00 122.90 I3DS	17.46 17.70 I1
MAS	50
FOL	CHM
W	FOL
CG	M
GRM	FG
dome stock	GRD
122.90 185.60 E1	
45	
POR	
FOL	
W	
MG	
GRD	
mafic volcanics with porphyritic texture, resembles a more mafic andesite.	
185.60 213.40 E1	200.40 201.30 I3DS
45	27
PIL	CHM
FOL	MG
M	GRM
FG	
GRD	
mafic volcanics	
213.40 381.20 I3DS	
48	
POR	
FOL	
W	
MG	
GRM	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
dome stock granodiorite	225.10 225.40 11 30 CHM FOL W FG GRD

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
381.20 439.60 ET	
48	
MAS	
FOL	
S	
FG	
GRM	
tuff	
439.60 516.40 I3HP	445.60 446.30 I2
47	60
POR	CHM
FOL	FOL
W	S
MG	FG
GRM	GNM
hasaga porphyry	
516.40 520.10 I1O	
75	
CHM	
FOL	
S	
FG	
BK	
old dyke	
520.10 530.00 I3HP	
50	
POR	
FOL	
W	
MG	
GRM	
hasaga porphyry	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
530.00 534.00 E1	
45	
MAS	
FOL	
W	
FG	
GRD	
mafic volcanics	
534.00 543.10 I3HP	
45	
POR	
FOL	
W	
MG	
GRM	
hasaga porphyry	
543.10 544.50 I1O	
45	
CHM	
FOL	
S	
FG	
BK	
old dyke	
544.50 548.50 I3HP	
45	
POR	
FOL	
W	
MG	
GRM	
hasaga porphyry	

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>548.50 557.40 E1                      55                      MAS                      FOL                      W                      FG                      GRD                      mafic volcanics</p> <p>557.40 626.70 I3HP                      55                      POR                      FOL                      W                      MG                      GRM                      hasaga porphyry</p> <p>626.70 638.80 ET                      56                      LAP                      FG                      GRD                      lapilli tuff with bombs in a fine grained mafic matrix</p> <p>638.80 648.00 E1                      50                      MAS                      FOL                      W                      FG                      GRD                      mafic volcanics</p>	<p>637.20 638.80 I3HP                      47                      POR                      FOL                      W                      MG                      GRM</p>

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
421.00	422.50	1.50	1119886	0.015	
422.50	424.00	1.50	1119887	0.012	
424.00	425.50	1.50	1119888	0.020	
425.50	427.00	1.50	1119889	0.035	
427.00	428.50	1.50	1119890	0.106	
428.50	430.00	1.50	1119891	0.030	
430.00	431.50	1.50	1119893	0.011	
431.50	433.00	1.50	1119894	0.016	
433.00	434.50	1.50	1119895	0.023	
434.50	436.00	1.50	1119896	0.059	
436.00	437.50	1.50	1119897	0.044	
437.50	439.00	1.50	1119898	0.121	
439.00	440.00	1.00	1119899	0.032	
440.00	441.00	1.00	1119901	0.054	
441.00	442.00	1.00	1119902	0.550	
442.00	443.00	1.00	1119903	0.092	
443.00	444.00	1.00	1119904	0.029	
444.00	445.00	1.00	1119905	0.072	
445.00	446.00	1.00	1119906	0.014	
446.00	447.00	1.00	1119907	0.153	
447.00	448.00	1.00	1119909	0.115	
448.00	449.00	1.00	1119910	0.073	
449.00	450.00	1.00	1119911	0.012	
450.00	451.00	1.00	1119912	0.063	
451.00	452.00	1.00	1119913	0.079	
452.00	453.00	1.00	1119914	0.056	
453.00	454.00	1.00	1119915	0.018	
454.00	455.00	1.00	1119917	0.189	
455.00	456.00	1.00	1119918	0.057	
456.00	457.00	1.00	1119919	0.003	
457.00	458.00	1.00	1119920	0.088	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
458.00	459.00	1.00	1119921	0.066	
459.00	460.00	1.00	1119922	0.025	
460.00	461.00	1.00	1119923	0.034	
461.00	462.00	1.00	1119925	0.033	
462.00	463.00	1.00	1119926	0.140	
463.00	464.00	1.00	1119927	0.095	
464.00	465.00	1.00	1119928	0.019	
465.00	466.00	1.00	1119929	0.023	
466.00	467.00	1.00	1119930	0.078	
467.00	468.00	1.00	1119931	0.069	
468.00	469.00	1.00	1119933	0.083	
469.00	470.00	1.00	1119934	0.077	
470.00	471.00	1.00	1119935	0.056	
471.00	472.00	1.00	1119936	0.067	
472.00	473.00	1.00	1119937	0.033	
473.00	474.00	1.00	1119938	0.112	
474.00	475.00	1.00	1119939	0.023	
475.00	476.00	1.00	1119941	0.103	
476.00	477.00	1.00	1119942	0.235	
477.00	478.00	1.00	1119943	0.127	
478.00	479.00	1.00	1119944	0.020	
479.00	480.00	1.00	1119945	0.038	
480.00	481.00	1.00	1119946	0.015	
481.00	482.00	1.00	1119947	0.159	
482.00	483.00	1.00	1119949	0.102	
483.00	484.00	1.00	1119950	0.875	
484.00	485.00	1.00	1119951	0.456	
485.00	486.00	1.00	1119952	0.631	
486.00	487.00	1.00	1119953	0.412	
487.00	488.00	1.00	1119954	0.219	
488.00	489.00	1.00	1119955	0.604	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
489.00	490.00	1.00	1119957	2.200	
490.00	491.00	1.00	1119958	0.259	
491.00	492.00	1.00	1119959	0.359	
492.00	493.00	1.00	1119960	13.200	
493.00	494.00	1.00	1119961	0.420	
494.00	495.00	1.00	1119962	0.610	
495.00	496.00	1.00	1119963	0.053	
496.00	497.00	1.00	1119965	0.119	
497.00	498.00	1.00	1119966	0.008	
498.00	499.00	1.00	1119967	2.920	
499.00	500.00	1.00	1119968	2.770	
500.00	501.00	1.00	1119969	10.300	
501.00	502.00	1.00	1119970	0.612	
502.00	503.00	1.00	1119971	0.141	
503.00	504.00	1.00	1119973	0.021	
504.00	505.00	1.00	1119974	0.102	
505.00	506.00	1.00	1119975	0.625	
506.00	507.00	1.00	1119976	0.608	
507.00	508.00	1.00	1119977	0.157	
508.00	509.00	1.00	1119978	0.088	
509.00	510.00	1.00	1119979	0.097	
510.00	511.00	1.00	1119981	0.141	
511.00	512.00	1.00	1119982	0.117	
512.00	513.00	1.00	1119983	0.455	
513.00	514.00	1.00	1119984	0.571	
514.00	515.00	1.00	1119985	1.330	
515.00	516.00	1.00	1119986	1.360	
516.00	517.00	1.00	1119987	0.379	
517.00	518.00	1.00	1119989	0.006	
518.00	519.00	1.00	1119990	0.008	
519.00	520.00	1.00	1119991	0.007	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
520.00	521.00	1.00	1119992	0.373	
521.00	522.00	1.00	1119993	0.259	
522.00	523.00	1.00	1119994	0.083	
523.00	524.00	1.00	1119995	0.066	
524.00	525.00	1.00	1119997	0.021	
525.00	526.00	1.00	1119998	0.043	
526.00	527.00	1.00	1119999	0.091	
527.00	528.00	1.00	1120000	0.039	
528.00	529.00	1.00	346001	1.420	
529.00	530.00	1.00	346002	0.327	
530.00	531.00	1.00	346003	0.025	
531.00	532.00	1.00	346005	0.082	
532.00	533.00	1.00	346006	0.087	
533.00	534.00	1.00	346007	0.028	
534.00	535.00	1.00	346008	0.053	
535.00	536.00	1.00	346009	0.095	
536.00	537.00	1.00	346010	0.254	
537.00	538.00	1.00	346011	0.405	
538.00	539.00	1.00	346013	0.596	
539.00	540.00	1.00	346014	0.942	
540.00	541.00	1.00	346015	0.177	
541.00	542.00	1.00	346016	0.086	
542.00	543.00	1.00	346017	0.356	
543.00	544.00	1.00	346018	0.005	
544.00	545.00	1.00	346019	0.077	
545.00	546.00	1.00	346021	0.431	
546.00	547.00	1.00	346022	0.173	
547.00	548.00	1.00	346023	0.159	
548.00	549.00	1.00	346024	0.026	
549.00	550.00	1.00	346025	0.018	
550.00	551.00	1.00	346026	0.018	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
551.00	552.00	1.00	346027	0.011	
552.00	553.00	1.00	346029	0.008	
553.00	554.00	1.00	346030	0.010	
554.00	555.00	1.00	346031	0.006	
555.00	556.00	1.00	346032	0.003	
556.00	557.00	1.00	346033	0.005	
557.00	558.00	1.00	346034	0.051	
558.00	559.00	1.00	346035	0.127	
559.00	560.00	1.00	346037	0.154	
560.00	561.00	1.00	346038	0.298	
561.00	562.00	1.00	346039	1.040	
562.00	563.00	1.00	346040	0.383	
563.00	564.00	1.00	346041	0.020	
564.00	565.00	1.00	346042	0.428	
565.00	566.00	1.00	346043	0.412	
566.00	567.00	1.00	346045	0.184	
567.00	568.00	1.00	346046	0.186	
568.00	569.00	1.00	346047	0.152	
569.00	570.00	1.00	346048	0.117	
570.00	571.00	1.00	346049	1.210	
571.00	572.00	1.00	346050	0.013	
572.00	573.00	1.00	346051	0.494	
573.00	574.00	1.00	346053	0.447	
574.00	575.00	1.00	346054	0.015	
575.00	576.00	1.00	346055	0.497	
576.00	577.00	1.00	346056	0.127	
577.00	578.00	1.00	346057	0.388	
578.00	579.00	1.00	346058	0.445	
579.00	580.00	1.00	346059	0.174	
580.00	581.00	1.00	346061	0.433	
581.00	582.00	1.00	346062	0.620	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
582.00	583.00	1.00	346063	4.090	
583.00	584.00	1.00	346064	0.709	
584.00	585.00	1.00	346065	1.610	
585.00	586.00	1.00	346066	0.799	
586.00	587.00	1.00	346067	1.410	
587.00	588.00	1.00	346069	0.936	
588.00	589.00	1.00	346070	0.110	
589.00	590.00	1.00	346071	0.188	
590.00	591.00	1.00	346072	0.073	
591.00	592.00	1.00	346073	0.289	
592.00	593.00	1.00	346074	1.010	
593.00	594.00	1.00	346075	0.362	
594.00	595.00	1.00	346077	2.180	
595.00	596.00	1.00	346078	0.417	
596.00	597.00	1.00	346079	1.390	
597.00	598.00	1.00	346080	0.177	
598.00	599.00	1.00	346081	12.200	
599.00	600.00	1.00	346082	0.429	
600.00	601.00	1.00	346083	0.106	
601.00	602.00	1.00	346085	0.857	
602.00	603.00	1.00	346086	1.650	
603.00	604.00	1.00	346087	0.617	
604.00	605.00	1.00	346088	0.820	
605.00	606.00	1.00	346089	1.310	
606.00	607.00	1.00	346090	1.510	
607.00	608.00	1.00	346091	0.745	
608.00	609.00	1.00	346093	0.178	
609.00	610.00	1.00	346094	0.393	
610.00	611.00	1.00	346095	0.343	
611.00	612.00	1.00	346096	0.216	
612.00	613.00	1.00	346097	0.636	



## Premier Gold Mines NWO Inc.

### Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
613.00	614.00	1.00	346098	0.134	
614.00	615.00	1.00	346099	0.132	
615.00	616.00	1.00	346101	1.540	
616.00	617.00	1.00	346102	1.380	
617.00	618.00	1.00	346103	0.897	
618.00	619.00	1.00	346104	1.590	
619.00	620.00	1.00	346105	0.669	
620.00	621.00	1.00	346106	0.290	
621.00	622.00	1.00	346107	1.300	
622.00	623.00	1.00	346109	0.213	
623.00	624.00	1.00	346110	0.518	
624.00	625.00	1.00	346111	0.506	
625.00	626.00	1.00	346112	0.215	
626.00	627.00	1.00	346113	0.602	
627.00	628.50	1.50	346114	0.112	
628.50	630.00	1.50	346115	0.361	
630.00	631.50	1.50	346117	0.037	
631.50	633.00	1.50	346118	0.048	
633.00	634.50	1.50	346119	0.056	
634.50	636.00	1.50	346120	0.087	
636.00	637.50	1.50	346121	0.031	
637.50	639.00	1.50	346122	0.053	
639.00	640.50	1.50	346123	0.009	
640.50	642.00	1.50	346125	0.027	
642.00	643.50	1.50	346126	0.034	
643.50	645.00	1.50	346127	0.137	

Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP179</b>	Claims title:	K1423 (PAT-6714)	Section:	10850A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	31/05/2018	Description date:	31/05/2018
		End date:	10/06/2018		
Collar					
				UTM	
Azimuth:	147.50°			East	440820.10
Dip:	-61.00°			North	5651586.50
Length:	708.00			Elevation	382.90
Number of samples: 228					
Number of QAQC samples: 33					
Total sampled length: 241.00					
Description:					
3m hexagonal double shell					
Core size: NQ		Cemented: No		Stored: No	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 6.00 CS casing 6.00 27.40 I3DS MAS MG GRM dome stock	11.80 11.90 I1 28 CHM FOL W FG GRM mafic intrusive with stibnite coated fracture surface
27.40 39.00 E1 35 MAS FOL W FG GRD dark grey to green mafic volcanics with weak foliation 39.00 396.20 I3DS 50 MAS MG GRM dome stock granodiorite with weak-fractured sericite alteration	27.40 28.20 I1 30 CHM FOL W FG GNM medium to dark green mafic intrusive with weak foliation 46.80 47.85 I1 38 CHM FOL M FG BK fine grained mafic intrusive with oriented plagioclase creating moderate foliation
396.20 451.70 ET 60 MAS FOL S	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FG GRM tuff	400.40 402.30 11 45 CHM FG RED

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>451.70 553.80 I3HP                      50                      POR                      MG                      GRM                      medium grained hasaga porphyry with reddish colour.</p> <p>553.80 562.50 E2                      53                      MAS                      FOL                      W                      MG                      GRM                      andesite?</p> <p>562.50 571.20 I3HP                      70                      POR                      FOL                      W                      CG                      GRM                      hasaga porph</p> <p>571.20 574.00 I1                      77                      CHM                      FOL                      M</p>	<p>notice the reddish colour of intrusives at the bottom contact of the granodiorite going into mafic volcanics. Hemaitie alteration marks oxidation.</p> <p>462.70 463.35 I1                      62                      CHM                      FOL                      M                      FG                      GRM                      335.0°62.0°2</p> <p>562.90 563.20 I1                      70                      CHM                      FOL                      W                      FG                      GRD</p>

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FG GRD mafic dyke 574.00 651.40 I3HP 55 POR FOL W CG GRM hasaga porph 651.40 708.00 E1 67 MAS FOL M FG GRM more foliated/sheard at porphyry contact	575.50 576.10 I1 76 CHM FOL W FG GRM

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
433.00	434.50	1.50	346128	0.028	
434.50	436.00	1.50	346129	0.029	
436.00	437.50	1.50	346130	0.019	
437.50	439.00	1.50	346131	0.013	
439.00	440.50	1.50	346133	0.021	
440.50	442.00	1.50	346134	0.033	
442.00	443.50	1.50	346135	0.134	
443.50	445.00	1.50	346136	0.021	
445.00	446.50	1.50	346137	0.065	
446.50	448.00	1.50	346138	0.084	
448.00	449.50	1.50	346139	0.080	
449.50	451.00	1.50	346141	0.030	
451.00	452.00	1.00	346142	0.620	
452.00	453.00	1.00	346143	0.035	
453.00	454.00	1.00	346144	0.029	
454.00	455.00	1.00	346145	0.139	
455.00	456.00	1.00	346146	0.094	
456.00	457.00	1.00	346147	0.195	
457.00	458.00	1.00	346149	0.244	
458.00	459.00	1.00	346150	0.095	
459.00	460.00	1.00	346151	0.063	
460.00	461.00	1.00	346152	0.158	
461.00	462.00	1.00	346153	0.238	
462.00	463.00	1.00	346154	0.051	
463.00	464.00	1.00	346155	0.157	
464.00	465.00	1.00	346157	0.109	
465.00	466.00	1.00	346158	0.202	
466.00	467.00	1.00	346159	0.196	
467.00	468.00	1.00	346160	0.144	
468.00	469.00	1.00	346161	0.110	
469.00	470.00	1.00	346162	0.115	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
470.00	471.00	1.00	346163	0.052	
471.00	472.00	1.00	346165	0.056	
472.00	473.00	1.00	346166	0.061	
473.00	474.00	1.00	346167	0.091	
474.00	475.00	1.00	346168	0.016	
475.00	476.00	1.00	346169	0.025	
476.00	477.00	1.00	346170	0.017	
477.00	478.00	1.00	346171	0.020	
478.00	479.00	1.00	346173	0.059	
479.00	480.00	1.00	346174	0.028	
480.00	481.00	1.00	346175	0.027	
481.00	482.00	1.00	346176	0.013	
482.00	483.00	1.00	346177	0.010	
483.00	484.00	1.00	346178	0.048	
484.00	485.00	1.00	346179	0.132	
485.00	486.00	1.00	346181	0.224	
486.00	487.00	1.00	346182	0.031	
487.00	488.00	1.00	346183	0.008	
488.00	489.00	1.00	346184	0.088	
489.00	490.00	1.00	346185	0.058	
490.00	491.00	1.00	346186	0.005	
491.00	492.00	1.00	346187	0.007	
492.00	493.00	1.00	346189	0.243	
493.00	494.00	1.00	346190	0.075	
494.00	495.00	1.00	346191	0.052	
495.00	496.00	1.00	346192	0.014	
496.00	497.00	1.00	346193	0.049	
497.00	498.00	1.00	346194	0.040	
498.00	499.00	1.00	346195	0.045	
499.00	500.00	1.00	346197	0.046	
500.00	501.00	1.00	346198	0.009	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
501.00	502.00	1.00	346199	0.119	
502.00	503.00	1.00	346200	0.165	
503.00	504.00	1.00	346201	0.068	
504.00	505.00	1.00	346202	0.033	
505.00	506.00	1.00	346203	0.092	
506.00	507.00	1.00	346205	0.003	
507.00	508.00	1.00	346206	0.038	
508.00	509.00	1.00	346207	0.048	
509.00	510.00	1.00	346208	0.162	
510.00	511.00	1.00	346209	0.146	
511.00	512.00	1.00	346210	0.070	
512.00	513.00	1.00	346211	0.239	
513.00	514.00	1.00	346213	0.658	
514.00	515.00	1.00	346214	0.321	
515.00	516.00	1.00	346215	0.150	
516.00	517.00	1.00	346216	0.410	
517.00	518.00	1.00	346217	0.342	
518.00	519.00	1.00	346218	0.058	
519.00	520.00	1.00	346219	0.098	
520.00	521.00	1.00	346221	0.085	
521.00	522.00	1.00	346222	0.042	
522.00	523.00	1.00	346223	0.013	
523.00	524.00	1.00	346224	0.034	
524.00	525.00	1.00	346225	0.189	
525.00	526.00	1.00	346226	0.139	
526.00	527.00	1.00	346227	2.730	
527.00	528.00	1.00	346229	0.155	
528.00	529.00	1.00	346230	0.421	
529.00	530.00	1.00	346231	0.243	
530.00	531.00	1.00	346232	0.176	
531.00	532.00	1.00	346233	0.201	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
532.00	533.00	1.00	346234	0.115	
533.00	534.00	1.00	346235	0.075	
534.00	535.00	1.00	346237	0.119	
535.00	536.00	1.00	346238	0.050	
536.00	537.00	1.00	346239	0.109	
537.00	538.00	1.00	346240	0.089	
538.00	539.00	1.00	346241	0.253	
539.00	540.00	1.00	346242	0.154	
540.00	541.00	1.00	346243	0.053	
541.00	542.00	1.00	346245	0.050	
542.00	543.00	1.00	346246	0.421	
543.00	544.00	1.00	346247	0.690	
544.00	545.00	1.00	346248	0.027	
545.00	546.00	1.00	346249	0.100	
546.00	547.00	1.00	346250	0.058	
547.00	548.00	1.00	346251	0.219	
548.00	549.00	1.00	346253	0.259	
549.00	550.00	1.00	346254	0.192	
550.00	551.00	1.00	346255	0.041	
551.00	552.00	1.00	346256	0.168	
552.00	553.00	1.00	346257	0.058	
553.00	554.00	1.00	346258	0.078	
554.00	555.00	1.00	346259	0.013	
555.00	556.00	1.00	346261	0.006	
556.00	557.00	1.00	346262	0.017	
557.00	558.00	1.00	346263	0.016	
558.00	559.00	1.00	346264	0.008	
559.00	560.00	1.00	346265	0.003	
560.00	561.00	1.00	346266	0.005	
561.00	562.00	1.00	346267	0.007	
562.00	563.00	1.00	346269	0.210	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
563.00	564.00	1.00	346270	0.104	
564.00	565.00	1.00	346271	0.123	
565.00	566.00	1.00	346272	0.089	
566.00	567.00	1.00	346273	0.243	
567.00	568.00	1.00	346274	2.220	
568.00	569.00	1.00	346275	0.825	
569.00	570.00	1.00	346277	0.171	
570.00	571.00	1.00	346278	0.881	
571.00	572.00	1.00	346279	0.260	
572.00	573.00	1.00	346280	0.117	
573.00	574.00	1.00	346281	0.034	
574.00	575.00	1.00	346282	0.250	
575.00	576.00	1.00	346283	0.326	
576.00	577.00	1.00	346285	0.124	
577.00	578.00	1.00	346286	0.022	
578.00	579.00	1.00	346287	0.157	
579.00	580.00	1.00	346288	0.017	
580.00	581.00	1.00	346289	0.018	
581.00	582.00	1.00	346290	0.582	
582.00	583.00	1.00	346291	0.208	
583.00	584.00	1.00	346293	0.041	
584.00	585.00	1.00	346294	0.183	
585.00	586.00	1.00	346295	0.126	
586.00	587.00	1.00	346296	0.242	
587.00	588.00	1.00	346297	0.032	
588.00	589.00	1.00	346298	0.036	
589.00	590.00	1.00	346299	0.034	
590.00	591.00	1.00	346301	0.048	
591.00	592.00	1.00	346302	0.043	
592.00	593.00	1.00	346303	0.204	
593.00	594.00	1.00	346304	0.236	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
594.00	595.00	1.00	346305	0.250	
595.00	596.00	1.00	346306	1.140	
596.00	597.00	1.00	346307	0.576	
597.00	598.00	1.00	346309	0.395	
598.00	599.00	1.00	346310	0.040	
599.00	600.00	1.00	346311	0.166	
600.00	601.00	1.00	346312	0.149	
601.00	602.00	1.00	346313	0.026	
602.00	603.00	1.00	346314	0.060	
603.00	604.00	1.00	346315	0.179	
604.00	605.00	1.00	346317	0.052	
605.00	606.00	1.00	346318	0.436	
606.00	607.00	1.00	346319	0.141	
607.00	608.00	1.00	346320	0.105	
608.00	609.00	1.00	346321	0.338	
609.00	610.00	1.00	346322	1.250	
610.00	611.00	1.00	346323	0.342	
611.00	612.00	1.00	346325	0.846	
612.00	613.00	1.00	346326	0.617	
613.00	614.00	1.00	346327	0.737	
614.00	615.00	1.00	346328	1.620	
615.00	616.00	1.00	346329	1.700	
616.00	617.00	1.00	346330	0.237	
617.00	618.00	1.00	346331	0.603	
618.00	619.00	1.00	346333	0.414	
619.00	620.00	1.00	346334	0.652	
620.00	621.00	1.00	346335	0.522	
621.00	622.00	1.00	346336	0.137	
622.00	623.00	1.00	346337	0.174	
623.00	624.00	1.00	346338	0.199	
624.00	625.00	1.00	346339	0.212	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
625.00	626.00	1.00	346341	0.027	
626.00	627.00	1.00	346342	2.470	
627.00	628.00	1.00	346343	0.435	
628.00	629.00	1.00	346344	1.130	
629.00	630.00	1.00	346345	1.390	
630.00	631.00	1.00	346346	1.090	
631.00	632.00	1.00	346347	0.311	
632.00	633.00	1.00	346349	0.310	
633.00	634.00	1.00	346350	0.182	
634.00	635.00	1.00	346351	0.876	
635.00	636.00	1.00	346352	1.320	
636.00	637.00	1.00	346353	0.599	
637.00	638.00	1.00	346354	0.142	
638.00	639.00	1.00	346355	0.854	
639.00	640.00	1.00	346357	0.878	
640.00	641.00	1.00	346358	0.424	
641.00	642.00	1.00	346359	0.676	
642.00	643.00	1.00	346360	1.040	
643.00	644.00	1.00	346361	0.411	
644.00	645.00	1.00	346362	1.460	
645.00	646.00	1.00	346363	0.998	
646.00	647.00	1.00	346365	1.800	
647.00	648.00	1.00	346366	0.902	
648.00	649.00	1.00	346367	0.980	
649.00	650.00	1.00	346368	2.510	
650.00	651.00	1.00	346369	0.262	
651.00	652.00	1.00	346370	0.493	
652.00	653.00	1.00	346371	0.070	
653.00	654.50	1.50	346373	0.024	
654.50	656.00	1.50	346374	0.078	
656.00	657.50	1.50	346375	0.032	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
657.50	659.00	1.50	346376	0.093	
659.00	660.50	1.50	346377	0.017	
660.50	662.00	1.50	346378	0.033	
662.00	663.50	1.50	346379	0.055	
663.50	665.00	1.50	346381	0.035	
665.00	666.50	1.50	346382	0.080	
666.50	668.00	1.50	346383	0.027	
668.00	669.50	1.50	346384	0.014	
669.50	671.00	1.50	346385	0.013	
671.00	672.50	1.50	346386	0.006	
672.50	674.00	1.50	346387	0.008	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP180</b>	Claims title:	K1423 (PAT-6714)	Section:	10750A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Matthew DeGasperis	Start date:	11/06/2018	Description date:	11/06/2018
		End date:	19/06/2018		

## Collar

Azimuth: 154.70°  
Dip: -60.00°  
Length: 759.00

## UTM

East	440694.10
North	5651581.30
Elevation	385.60

Number of samples: 186  
Number of QAQC samples: 26  
Total sampled length: 199.00

## Description:

3m hexagonal double shells

Core size: NQ

Cemented: No

Stored: No

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 5.50 CS casing	
5.50 299.30 I3DS MAS	36.30 37.40 I1 32
FOL	CHM
W	FOL
CG	M
GRM	MG
dome stock	GRM
299.30 303.10 E1 15	
MAS	
FOL	
M	
FG	
GRD	
mafic volcanics	
303.10 305.30 I3DS	
23	
MAS	
CG	
GRM	
domestock	
305.30 312.20 E1 22	
MAS	
FOL	
M	
FG	
GRM	
mafic volcancis	
312.20 453.50 I3DS	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
48 MAS FOL W CG GRM domestock	317.40 320.20 E1

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>453.50 473.40 E2            70            MAS            FOL            W            MG            GRD            andesite?            473.40 490.60 I3DS            70            MAS            FOL            W            CG            GRM            dome stock            490.60 520.90 E2            47            MAS            FOL            W            MG            GRD            andesite            520.90 535.10 E2T            65            MAS</p>	<p>48            FOL            M            FG            GRD              476.80 479.00 I2            62            CHM            FOL            W            FG            GRP</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FOL	
S	
FG	
GRP	
intermediate tuff	
535.10 579.90 E2	538.50 539.40 I1
50	55
MAS	CHM
FOL	FOL
W	W
FG	FG
GRD	GRM
intermediat volcancis	
579.90 583.20 I3HP	
66	
POR	
FOL	
S	
CG	
GRM	
waxy texture hasaga porphyry	
583.20 591.10 E2	
60	
MAS	
FOL	
W	
FG	
GRD	
volcanics	
591.10 602.10 I3HP	
60	
POR	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FOL M CG GRM porphyry	591.40 591.60 11 60 CHM

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>602.10 604.00 E1 70 MAS FOL M FG GRD mafic volcanics</p>	<p>FOL M FG GRM</p>
<p>604.00 626.20 E2 68 MAS FOL W MG GRM medium to coarse grained andesite. almost gabbroic textured</p>	<p>607.10 607.90 I1 70 CHM FOL W FG GRM</p>
<p>626.20 637.10 I3HP 50 POR FOL W CG GRM hasaga porphyry</p>	<p>626.60 626.90 I1 50 CHM FOL S MG GRD</p>
<p>637.10 649.50 E1 25 MAS FOL</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
M FG GRD mafic volcanics	644.40 645.00 11 40 CHM FOL

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>649.50 664.60 I3HP            43            POR            FOL            W            CG            GRD            hasaga porphyry            664.60 669.40 E1            50            MAS            FOL            W            FG            GRD            mafic volcanics            669.40 670.80 I3HP            43            POR            FOL            W            CG            GRM            hasaga porphyry            670.80 682.20 E1            62            MAS            FOL            W</p>	<p>S            MG            GRM            658.00 658.30 I1            85            CHM            FOL            M            FG            GRD</p>

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FG	
GRD	
mafic volcanic	
682.20 738.60 I3HP	683.70 683.90 I10
42	67
POR	CHM
FOL	FOL
W	S
CG	CG
GRM	BK
hasaga porphyry	
738.60 759.00 E1	740.70 740.80 I1
60	60
MAS	CHM
FOL	FOL
M	M
FG	FG
GRM	GNM
volcanics	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
558.00	559.50	1.50	346389	0.404	
559.50	561.00	1.50	346390	0.012	
561.00	562.50	1.50	346391	0.058	
562.50	564.00	1.50	346392	0.072	
564.00	565.50	1.50	346393	0.041	
565.50	567.00	1.50	346394	0.015	
567.00	568.50	1.50	346395	0.010	
568.50	570.00	1.50	346397	0.038	
570.00	571.50	1.50	346398	0.023	
571.50	573.00	1.50	346399	0.083	
573.00	574.50	1.50	346400	0.161	
574.50	576.00	1.50	346401	0.060	
576.00	577.50	1.50	346402	0.077	
577.50	579.00	1.50	346403	0.042	
579.00	580.00	1.00	346405	0.031	
580.00	581.00	1.00	346406	0.144	
581.00	582.00	1.00	346407	0.061	
582.00	583.00	1.00	346408	0.008	
583.00	584.00	1.00	346409	0.012	
584.00	585.00	1.00	346410	0.019	
585.00	586.00	1.00	346411	0.054	
586.00	587.00	1.00	346413	0.016	
587.00	588.00	1.00	346414	0.014	
588.00	589.00	1.00	346415	0.021	
589.00	590.00	1.00	346416	0.016	
590.00	591.00	1.00	346417	0.003	
591.00	592.00	1.00	346418	0.132	
592.00	593.00	1.00	346419	0.165	
593.00	594.00	1.00	346421	0.187	
594.00	595.00	1.00	346422	0.006	
595.00	596.00	1.00	346423	0.095	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
596.00	597.00	1.00	346424	0.065	
597.00	598.00	1.00	346425	0.029	
598.00	599.00	1.00	346426	0.023	
599.00	600.00	1.00	346427	0.036	
600.00	601.00	1.00	346429	0.082	
601.00	602.00	1.00	346430	0.015	
602.00	603.00	1.00	346431	0.026	
603.00	604.00	1.00	346432	0.020	
604.00	605.00	1.00	346433	0.003	
605.00	606.00	1.00	346434	0.006	
606.00	607.00	1.00	346435	0.012	
607.00	608.00	1.00	346437	0.129	
608.00	609.00	1.00	346438	0.016	
609.00	610.00	1.00	346439	0.012	
610.00	611.00	1.00	346440	0.006	
611.00	612.00	1.00	346441	0.011	
612.00	613.00	1.00	346442	0.003	
613.00	614.00	1.00	346443	0.003	
614.00	615.00	1.00	346445	0.008	
615.00	616.00	1.00	346446	0.007	
616.00	617.00	1.00	346447	0.009	
617.00	618.00	1.00	346448	0.007	
618.00	619.00	1.00	346449	0.003	
619.00	620.00	1.00	346450	0.003	
620.00	621.00	1.00	346451	0.005	
621.00	622.00	1.00	346453	0.010	
622.00	623.00	1.00	346454	0.008	
623.00	624.00	1.00	346455	0.007	
624.00	625.00	1.00	346456	0.009	
625.00	626.00	1.00	346457	0.025	
626.00	627.00	1.00	346458	0.018	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
627.00	628.00	1.00	346459	0.318	
628.00	629.00	1.00	346461	0.007	
629.00	630.00	1.00	346462	0.050	
630.00	631.00	1.00	346463	0.055	
631.00	632.00	1.00	346464	0.038	
632.00	633.00	1.00	346465	0.098	
633.00	634.00	1.00	346466	0.219	
634.00	635.00	1.00	346467	0.042	
635.00	636.00	1.00	346469	0.099	
636.00	637.00	1.00	346470	0.142	
637.00	638.00	1.00	346471	0.098	
638.00	639.00	1.00	346472	0.350	
639.00	640.00	1.00	346473	0.037	
640.00	641.00	1.00	346474	0.048	
641.00	642.00	1.00	346475	0.115	
642.00	643.00	1.00	346477	0.065	
643.00	644.00	1.00	346478	0.041	
644.00	645.00	1.00	346479	0.021	
645.00	646.00	1.00	346480	0.083	
646.00	647.00	1.00	346481	0.108	
647.00	648.00	1.00	346482	0.152	
648.00	649.00	1.00	346483	0.184	
649.00	650.00	1.00	346485	0.611	
650.00	651.00	1.00	346486	0.312	
651.00	652.00	1.00	346487	0.259	
652.00	653.00	1.00	346488	0.412	
653.00	654.00	1.00	346489	0.040	
654.00	655.00	1.00	346490	0.048	
655.00	656.00	1.00	346491	0.196	
656.00	657.00	1.00	346493	0.266	
657.00	658.00	1.00	346494	0.700	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
658.00	659.00	1.00	346495	0.316	
659.00	660.00	1.00	346496	0.974	
660.00	661.00	1.00	346497	0.029	
661.00	662.00	1.00	346498	0.031	
662.00	663.00	1.00	346499	0.198	
663.00	664.00	1.00	148501	0.263	series change
664.00	665.00	1.00	148502	0.503	
665.00	666.00	1.00	148503	0.040	
666.00	667.00	1.00	148504	0.079	
667.00	668.00	1.00	148505	0.188	
668.00	669.00	1.00	148506	0.102	
669.00	670.00	1.00	148507	0.126	
670.00	671.00	1.00	148509	0.125	
671.00	672.00	1.00	148510	0.219	
672.00	673.00	1.00	148511	0.041	
673.00	674.00	1.00	148512	0.062	
674.00	675.00	1.00	148513	0.321	
675.00	676.00	1.00	148514	0.625	
676.00	677.00	1.00	148515	0.250	
677.00	678.00	1.00	148517	0.032	
678.00	679.00	1.00	148518	0.084	
679.00	680.00	1.00	148519	0.293	
680.00	681.00	1.00	148520	0.183	
681.00	682.00	1.00	148521	0.087	
682.00	683.00	1.00	148522	0.182	
683.00	684.00	1.00	148523	0.239	
684.00	685.00	1.00	148525	0.761	
685.00	686.00	1.00	148526	1.220	
686.00	687.00	1.00	148527	0.166	
687.00	688.00	1.00	148528	0.709	
688.00	689.00	1.00	148529	0.503	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
689.00	690.00	1.00	148530	0.110	
690.00	691.00	1.00	148531	0.574	
691.00	692.00	1.00	148533	0.539	
692.00	693.00	1.00	148534	0.682	
693.00	694.00	1.00	148535	0.598	
694.00	695.00	1.00	148536	0.141	
695.00	696.00	1.00	148537	0.675	
696.00	697.00	1.00	148538	1.280	
697.00	698.00	1.00	148539	0.486	
698.00	699.00	1.00	148541	0.496	
699.00	700.00	1.00	148542	0.543	
700.00	701.00	1.00	148543	0.360	
701.00	702.00	1.00	148544	0.676	
702.00	703.00	1.00	148545	0.235	
703.00	704.00	1.00	148546	0.443	
704.00	705.00	1.00	148547	0.983	
705.00	706.00	1.00	148549	0.761	
706.00	707.00	1.00	148550	1.300	
707.00	708.00	1.00	148551	0.755	
708.00	709.00	1.00	148552	0.197	
709.00	710.00	1.00	148553	0.375	
710.00	711.00	1.00	148554	0.761	
711.00	712.00	1.00	148555	1.520	
712.00	713.00	1.00	148557	2.960	
713.00	714.00	1.00	148558	1.850	
714.00	715.00	1.00	148559	0.465	
715.00	716.00	1.00	148560	3.540	
716.00	717.00	1.00	148561	1.250	
717.00	718.00	1.00	148562	0.858	
718.00	719.00	1.00	148563	0.644	
719.00	720.00	1.00	148565	0.376	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
720.00	721.00	1.00	148566	0.864	
721.00	722.00	1.00	148567	0.744	
722.00	723.00	1.00	148568	0.535	
723.00	724.00	1.00	148569	0.464	
724.00	725.00	1.00	148570	0.224	
725.00	726.00	1.00	148571	0.334	
726.00	727.00	1.00	148573	1.030	
727.00	728.00	1.00	148574	0.164	
728.00	729.00	1.00	148575	0.171	
729.00	730.00	1.00	148576	0.336	
730.00	731.00	1.00	148577	0.070	
731.00	732.00	1.00	148578	0.515	
732.00	733.00	1.00	148579	0.088	
733.00	734.00	1.00	148581	0.030	
734.00	735.00	1.00	148582	0.223	
735.00	736.00	1.00	148583	0.069	
736.00	737.00	1.00	148584	0.034	
737.00	738.00	1.00	148585	0.456	
738.00	739.00	1.00	148586	0.416	
739.00	740.50	1.50	148587	0.025	
740.50	742.00	1.50	148589	0.012	
742.00	743.50	1.50	148590	0.011	
743.50	745.00	1.50	148591	0.003	
745.00	746.50	1.50	148592	0.003	
746.50	748.00	1.50	148593	0.012	
748.00	749.50	1.50	148594	0.012	
749.50	751.00	1.50	148595	0.014	
751.00	752.50	1.50	148597	0.010	
752.50	754.00	1.50	148598	0.008	
754.00	755.50	1.50	148599	0.025	
755.50	757.00	1.50	148600	0.017	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP181</b>	Claims title:	K1423 (PAT-6714)	Section:	10750A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Matthew DeGasperis	Start date:	20/06/2018	Description date:	20/06/2018
		End date:	27/06/2018		

## Collar

Azimuth: 154.70°  
Dip: -54.00°  
Length: 674.00

## UTM

East	440694.20
North	5651581.10
Elevation	385.90

Number of samples: 104  
Number of QAQC samples: 15  
Total sampled length: 117.00

## Description:

3m hexagonal, double shells.

Core size: NQ

Cemented: No

Stored: No

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 2.00 CS casing	
2.00 430.00 I3DS MAS FOL W CG GRM domestock	30.10 30.80 I1 42 CHM FOL W MG GRM
430.00 474.00 E2 65 MAS FOL W MG SAP intermediate volcanics likely andesite	
474.00 500.70 I3DS 62 POR FOL W FG GRM dome stock interclated with volcanics. More voliated than typical domestock	
500.70 525.00 E2 60 MAS FOL M FG GRM	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>intermediate volcanics with moderate to strong foliation. gradational into                      hasaga porhyry. interclated volcanics and domestock or porphyry                      525.00 556.20 I3HP                      53                      POR                      FOL                      W                      MG                      GRM                      hasaga porphyry with moderate sericite alteration and weak silicification.                      alternating coarsenss and variable textures                      556.20 560.10 I2                      66                      MAS                      FOL                      W                      FG                      GRP                      intermediate intrusive                      560.10 566.60 I3HP                      68                      POR                      MG                      GRM                      hasaga porphyry                      566.60 576.00 E2                      72                      MAS                      FOL                      M                      FG                      GRD</p>	

## Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>intermediate volcanics. alternating between strongly foliated unit and massive coarser grained units (andesite)</p> <p>576.00 592.03 I3HP</p> <p>64</p> <p>POR</p> <p>MG</p> <p>GRM</p> <p>hasaga porphyry. multiple small intrusions that are fine grained, black, and strongly foliated. Perhaps healed faults within porphyry (old dyke)</p> <p>592.03 595.00 I1O</p> <p>70</p> <p>MAS</p> <p>FOL</p> <p>S</p> <p>FG</p> <p>GRD</p> <p>old dyke</p> <p>595.00 603.00 I3HP</p> <p>65</p> <p>POR</p> <p>FOL</p> <p>W</p> <p>MG</p> <p>GRM</p> <p>hasaga porphyry</p> <p>603.00 641.80 ET</p> <p>68</p> <p>CHM</p> <p>FOL</p> <p>M</p> <p>FG</p> <p>GRM</p>	

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>tuff with alternating alteration styles 641.80 651.80 E1 55 POR MG GRD porphyritic mafic volcanics 651.80 658.40 ET 58 MAS FOL M FG GRM tuff 658.40 674.00 E1 57 MAS FOL W FG GRD mafic volcanics</p>	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
504.00	505.50	1.50	148601	0.116	
505.50	507.00	1.50	148602	0.030	
507.00	508.50	1.50	148603	0.072	
508.50	510.00	1.50	148605	0.036	
510.00	511.50	1.50	148606	0.053	
511.50	513.00	1.50	148607	0.027	
513.00	514.50	1.50	148608	0.021	
514.50	516.00	1.50	148609	0.032	
516.00	517.50	1.50	148610	0.029	
517.50	519.00	1.50	148611	0.011	
519.00	520.50	1.50	148613	0.059	
520.50	522.00	1.50	148614	0.366	
522.00	523.50	1.50	148615	0.041	
523.50	525.00	1.50	148616	0.148	
525.00	526.00	1.00	148617	0.101	
526.00	527.00	1.00	148618	0.046	
527.00	528.00	1.00	148619	0.142	
528.00	529.00	1.00	148621	0.033	
529.00	530.00	1.00	148622	0.036	
530.00	531.00	1.00	148623	0.061	
531.00	532.00	1.00	148624	0.058	
532.00	533.00	1.00	148625	0.200	
533.00	534.00	1.00	148626	0.257	
534.00	535.00	1.00	148627	0.347	
535.00	536.00	1.00	148629	0.263	
536.00	537.00	1.00	148630	0.258	
537.00	538.00	1.00	148631	0.353	
538.00	539.00	1.00	148632	0.112	
539.00	540.00	1.00	148633	0.106	
540.00	541.00	1.00	148634	0.069	
541.00	542.00	1.00	148635	0.035	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
542.00	543.00	1.00	148637	0.058	
543.00	544.00	1.00	148638	0.128	
544.00	545.00	1.00	148639	0.157	
545.00	546.00	1.00	148640	0.222	
546.00	547.00	1.00	148641	0.093	
547.00	548.00	1.00	148642	0.060	
548.00	549.00	1.00	148643	0.044	
549.00	550.00	1.00	148645	0.072	
550.00	551.00	1.00	148646	0.080	
551.00	552.00	1.00	148647	0.021	
552.00	553.00	1.00	148648	0.333	
553.00	554.00	1.00	148649	0.121	
554.00	555.00	1.00	148650	0.071	
555.00	556.00	1.00	148651	0.060	
556.00	557.00	1.00	148653	0.026	
557.00	558.00	1.00	148654	0.007	
558.00	559.00	1.00	148655	0.021	
559.00	560.00	1.00	148656	0.010	
560.00	561.00	1.00	148657	0.107	
561.00	562.00	1.00	148658	0.041	
562.00	563.00	1.00	148659	0.130	
563.00	564.00	1.00	148661	0.113	
564.00	565.00	1.00	148662	0.072	
565.00	566.00	1.00	148663	0.047	
566.00	567.00	1.00	148664	0.056	
567.00	568.00	1.00	148665	0.029	
568.00	569.00	1.00	148666	0.135	
569.00	570.00	1.00	148667	0.153	
570.00	571.00	1.00	148669	0.018	
571.00	572.00	1.00	148670	0.012	
572.00	573.00	1.00	148671	0.012	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
573.00	574.00	1.00	148672	0.009	
574.00	575.00	1.00	148673	0.009	
575.00	576.00	1.00	148674	0.017	
576.00	577.00	1.00	148675	0.021	
577.00	578.00	1.00	148677	0.052	
578.00	579.00	1.00	148678	0.132	
579.00	580.00	1.00	148679	0.058	
580.00	581.00	1.00	148680	0.017	
581.00	582.00	1.00	148681	0.073	
582.00	583.00	1.00	148682	0.206	
583.00	584.00	1.00	148683	0.198	
584.00	585.00	1.00	148685	0.016	
585.00	586.00	1.00	148686	0.053	
586.00	587.00	1.00	148687	0.104	
587.00	588.00	1.00	148688	0.096	
588.00	589.00	1.00	148689	0.018	
589.00	590.00	1.00	148690	0.068	
590.00	591.00	1.00	148691	0.740	
591.00	592.00	1.00	148693	0.386	
592.00	593.00	1.00	148694	0.009	
593.00	594.00	1.00	148695	0.007	
594.00	595.00	1.00	148696	0.034	
595.00	596.00	1.00	148697	0.018	
596.00	597.00	1.00	148698	0.128	
597.00	598.00	1.00	148699	0.271	
598.00	599.00	1.00	148701	1.970	
599.00	600.00	1.00	148702	1.030	
600.00	601.00	1.00	148703	0.233	
601.00	602.00	1.00	148704	0.597	
602.00	603.00	1.00	148705	1.130	
603.00	604.50	1.50	148706	0.071	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
604.50	606.00	1.50	148707	0.094	
606.00	607.50	1.50	148709	0.044	
607.50	609.00	1.50	148710	0.057	
609.00	610.50	1.50	148711	0.209	
610.50	612.00	1.50	148712	0.091	
612.00	613.50	1.50	148713	0.036	
613.50	615.00	1.50	148714	0.199	
615.00	616.50	1.50	148715	0.058	
616.50	618.00	1.50	148717	0.146	
618.00	619.50	1.50	148718	0.109	
619.50	621.00	1.50	148719	0.055	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP182</b>	Claims title:	K1378 (PAT-52628)	Section:	11000A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	27/06/2018	Description date:	28/06/2018
		End date:	06/07/2018		

## Collar

Azimuth: 146.00°  
Dip: -68.00°  
Length: 705.00

## UTM

East	440949.40
North	5651628.90
Elevation	384.40

Number of samples: 161  
Number of QAQC samples: 23  
Total sampled length: 172.00

## Description:

Core size: NQ

Cemented: No

Stored: No



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
0.00 3.00 CS	
casing	
3.00 387.00 I3DS	12.40 13.00 I1
MAS	46
MG	CHM
SAP	FOL
domestock granodiorite	M
	FG
	GRM
	510.05 510.80 I1
387.00 516.90 E1	65
50	CHM
MAS	FOL
FOL	W
W	FG
FG	GRD
GNM	
medium green mafic volcanics with carbonate fracturing	
516.90 605.60 I3HP	558.50 558.70 I1
42	63
POR	CHM
FOL	FOL
W	M
MG	FG
GRM	BK
hasaga porphyry	
605.60 626.85 E1	
60	
MAS	
FOL	
W	
FG	
GRD	



Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
FOL W MG GRM hasaga porphyry 654.15 705.00 E1 50 MAS FOL M FG GRM altered mafic volcanics	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
498.00	499.50	1.50	148720	0.067	
499.50	501.00	1.50	148721	0.018	
501.00	502.50	1.50	148722	0.021	
502.50	504.00	1.50	148723	0.024	
504.00	505.50	1.50	148725	0.024	
505.50	507.00	1.50	148726	0.023	
507.00	508.50	1.50	148727	0.018	
508.50	510.00	1.50	148728	0.082	
510.00	511.50	1.50	148729	0.051	
511.50	513.00	1.50	148730	8.270	
513.00	514.50	1.50	148731	2.450	
514.50	516.00	1.50	148733	0.073	
516.00	517.00	1.00	148734	0.113	
517.00	518.00	1.00	148735	0.242	
518.00	519.00	1.00	148736	0.317	
519.00	520.00	1.00	148737	0.366	
520.00	521.00	1.00	148738	0.281	
521.00	522.00	1.00	148739	0.137	
522.00	523.00	1.00	148741	0.416	
523.00	524.00	1.00	148742	0.039	
524.00	525.00	1.00	148743	0.301	
525.00	526.00	1.00	148744	0.214	
526.00	527.00	1.00	148745	0.244	
527.00	528.00	1.00	148746	0.181	
528.00	529.00	1.00	148747	0.290	
529.00	530.00	1.00	148749	0.183	
530.00	531.00	1.00	148750	0.139	
531.00	532.00	1.00	148751	0.234	
532.00	533.00	1.00	148752	0.506	
533.00	534.00	1.00	148753	0.425	
534.00	535.00	1.00	148754	2.530	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
535.00	536.00	1.00	148755	1.590	
536.00	537.00	1.00	148757	1.630	
537.00	538.00	1.00	148758	2.260	
538.00	539.00	1.00	148759	1.100	
539.00	540.00	1.00	148760	0.166	
540.00	541.00	1.00	148761	0.064	
541.00	542.00	1.00	148762	0.105	
542.00	543.00	1.00	148763	0.438	
543.00	544.00	1.00	148765	0.056	
544.00	545.00	1.00	148766	0.067	
545.00	546.00	1.00	148767	0.074	
546.00	547.00	1.00	148768	0.208	
547.00	548.00	1.00	148769	0.206	
548.00	549.00	1.00	148770	0.725	
549.00	550.00	1.00	148771	0.544	
550.00	551.00	1.00	148773	0.799	
551.00	552.00	1.00	148774	1.740	
552.00	553.00	1.00	148775	2.450	
553.00	554.00	1.00	148776	1.580	
554.00	555.00	1.00	148777	2.460	
555.00	556.00	1.00	148778	0.854	
556.00	557.00	1.00	148779	0.329	
557.00	558.00	1.00	148781	2.900	
558.00	559.00	1.00	148782	1.340	
559.00	560.00	1.00	148783	0.324	
560.00	561.00	1.00	148784	0.087	
561.00	562.00	1.00	148785	0.053	
562.00	563.00	1.00	148786	0.085	
563.00	564.00	1.00	148787	0.198	
564.00	565.00	1.00	148789	0.304	
565.00	566.00	1.00	148790	0.560	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
566.00	567.00	1.00	148791	0.400	
567.00	568.00	1.00	148792	0.563	
568.00	569.00	1.00	148793	0.375	
569.00	570.00	1.00	148794	0.581	
570.00	571.00	1.00	148795	0.424	
571.00	572.00	1.00	148797	0.077	
572.00	573.00	1.00	148798	0.660	
573.00	574.00	1.00	148799	0.364	
574.00	575.00	1.00	148800	0.329	
575.00	576.00	1.00	148801	0.503	
576.00	577.00	1.00	148802	0.073	
577.00	578.00	1.00	148803	0.003	
578.00	579.00	1.00	148805	0.033	
579.00	580.00	1.00	148806	0.020	
580.00	581.00	1.00	148807	0.022	
581.00	582.00	1.00	148808	0.006	
582.00	583.00	1.00	148809	0.072	
583.00	584.00	1.00	148810	0.441	
584.00	585.00	1.00	148811	0.127	
585.00	586.00	1.00	148813	0.048	
586.00	587.00	1.00	148814	0.039	
587.00	588.00	1.00	148815	0.032	
588.00	589.00	1.00	148816	0.074	
589.00	590.00	1.00	148817	0.332	
590.00	591.00	1.00	148818	0.464	
591.00	592.00	1.00	148819	0.072	
592.00	593.00	1.00	148821	0.719	
593.00	594.00	1.00	148822	0.051	
594.00	595.00	1.00	148823	0.148	
595.00	596.00	1.00	148824	0.264	
596.00	597.00	1.00	148825	0.293	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
597.00	598.00	1.00	148826	0.030	
598.00	599.00	1.00	148827	0.332	
599.00	600.00	1.00	148829	0.357	
600.00	601.00	1.00	148830	2.600	
601.00	602.00	1.00	148831	1.800	
602.00	603.00	1.00	148832	0.855	
603.00	604.00	1.00	148833	0.219	
604.00	605.00	1.00	148834	0.010	
605.00	606.00	1.00	148835	0.006	
606.00	607.00	1.00	148837	0.019	
607.00	608.00	1.00	148838	0.019	
608.00	609.00	1.00	148839	0.046	
609.00	610.00	1.00	148840	0.108	
610.00	611.00	1.00	148841	0.023	
611.00	612.00	1.00	148842	0.022	
612.00	613.00	1.00	148843	0.008	
613.00	614.00	1.00	148845	0.009	
614.00	615.00	1.00	148846	0.009	
615.00	616.00	1.00	148847	0.007	
616.00	617.00	1.00	148848	0.013	
617.00	618.00	1.00	148849	0.006	
618.00	619.00	1.00	148850	0.003	
619.00	620.00	1.00	148851	0.008	
620.00	621.00	1.00	148853	0.011	
621.00	622.00	1.00	148854	0.003	
622.00	623.00	1.00	148855	0.015	
623.00	624.00	1.00	148856	0.264	
624.00	625.00	1.00	148857	0.010	
625.00	626.00	1.00	148858	0.012	
626.00	627.00	1.00	148859	0.049	
627.00	628.00	1.00	148861	0.903	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
628.00	629.00	1.00	148862	0.783	
629.00	630.00	1.00	148863	0.393	
630.00	631.00	1.00	148864	0.057	
631.00	632.00	1.00	148865	0.024	
632.00	633.00	1.00	148866	0.043	
633.00	634.00	1.00	148867	0.131	
634.00	635.00	1.00	148869	0.464	
635.00	636.00	1.00	148870	0.064	
636.00	637.00	1.00	148871	0.221	
637.00	638.00	1.00	148872	0.687	
638.00	639.00	1.00	148873	0.435	
639.00	640.00	1.00	148874	1.980	
640.00	641.00	1.00	148875	1.070	
641.00	642.00	1.00	148877	0.340	
642.00	643.00	1.00	148878	0.296	
643.00	644.00	1.00	148879	0.135	
644.00	645.00	1.00	148880	0.137	
645.00	646.00	1.00	148881	0.097	
646.00	647.00	1.00	148882	0.054	
647.00	648.00	1.00	148883	0.121	
648.00	649.00	1.00	148885	0.605	
649.00	650.00	1.00	148886	18.000	
650.00	651.00	1.00	148887	0.279	
651.00	652.00	1.00	148888	0.897	
652.00	653.00	1.00	148889	0.814	
653.00	654.00	1.00	148890	1.840	
654.00	655.00	1.00	148891	0.978	
655.00	656.50	1.50	148893	0.333	
656.50	658.00	1.50	148894	0.126	
658.00	659.50	1.50	148895	0.037	
659.50	661.00	1.50	148896	0.012	



# Premier Gold Mines NWO Inc.

## Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
661.00	662.50	1.50	148897	0.028	
662.50	664.00	1.50	148898	0.087	
664.00	665.50	1.50	148899	1.390	
665.50	667.00	1.50	148901	0.011	
667.00	668.50	1.50	148902	0.023	
668.50	670.00	1.50	148903	0.020	

# Premier Gold Mines NWO Inc.

<b>Survey:</b>	<b>HMP183</b>	Claims title:	K1378 (PAT-52628)	Section:	11050A
		Township:	HEYSON	Level:	DDH
		Range:	COMPLETED	Work place:	HASAGA_UG
Contractor:	Chibougamau Drilling	Lot:	HASAGA_2018		
Author:	Dylan Langille	Start date:	06/07/2018	Description date:	06/07/2018
		End date:	15/07/2018		

Collar

Azimuth: 138.00°  
Dip: -55.00°  
Length: 626.40

UTM

East	440950.60
North	5651627.40
Elevation	385.70

Number of samples: 162  
Number of QAQC samples: 23  
Total sampled length: 173.00

Description:

Core size: NQ

Cemented: No

Stored: No

Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
<p>0.00 3.00 CS                      casing                      3.00 324.00 I3DS                      MAS                      MG                      SAP                      dome stock granodiorite</p>	<p>25.10 28.00 I2                      70                      MAS                      FOL                      W                      MG                      SAP                      intermediate intrusive (diorite)</p>
<p>324.00 419.30 E1                      45                      MAS                      FOL                      M                      FG                      GRM                      mafic volcanics. Heavily sericite, feldspar, epidote altered from 324 to 342m                      419.30 558.10 I3HP                      48                      POR                      MG                      GRM                      hasaga porphyry with moderate to strong sericite alteration. Minor silica                      veining with patchy carbonate alteration                      558.10 626.40 E1                      60                      MAS                      FOL                      W                      FG                      GRD</p>	

# Premier Gold Mines NWO Inc.

LITHO_1	LITHO_2
mafic volcanics	

Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
404.00	405.50	1.50	148904	0.051	
405.50	407.00	1.50	148905	0.176	
407.00	408.50	1.50	148906	0.035	
408.50	410.00	1.50	148907	0.034	
410.00	411.50	1.50	148909	0.020	
411.50	413.00	1.50	148910	0.038	
413.00	414.50	1.50	148911	0.057	
414.50	416.00	1.50	148912	0.141	
416.00	417.50	1.50	148913	0.011	
417.50	419.00	1.50	148914	0.118	
419.00	420.00	1.00	148915	0.506	
420.00	421.00	1.00	148917	0.433	
421.00	422.00	1.00	148918	1.250	
422.00	423.00	1.00	148919	0.226	
423.00	424.00	1.00	148920	0.754	
424.00	425.00	1.00	148921	0.448	
425.00	426.00	1.00	148922	0.250	
426.00	427.00	1.00	148923	0.518	
427.00	428.00	1.00	148925	0.063	
428.00	429.00	1.00	148926	0.052	
429.00	430.00	1.00	148927	0.079	
430.00	431.00	1.00	148928	0.141	
431.00	432.00	1.00	148929	0.182	
432.00	433.00	1.00	148930	1.970	
433.00	434.00	1.00	148931	0.747	
434.00	435.00	1.00	148933	0.427	
435.00	436.00	1.00	148934	0.158	
436.00	437.00	1.00	148935	0.043	
437.00	438.00	1.00	148936	0.043	
438.00	439.00	1.00	148937	0.023	
439.00	440.00	1.00	148938	0.023	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
440.00	441.00	1.00	148939	0.018	
441.00	442.00	1.00	148941	0.019	
442.00	443.00	1.00	148942	0.024	
443.00	444.00	1.00	148943	0.016	
444.00	445.00	1.00	148944	0.006	
445.00	446.00	1.00	148945	0.029	
446.00	447.00	1.00	148946	0.172	
447.00	448.00	1.00	148947	0.035	
448.00	449.00	1.00	148949	0.075	
449.00	450.00	1.00	148950	0.077	
450.00	451.00	1.00	148951	0.207	
451.00	452.00	1.00	148952	0.166	
452.00	453.00	1.00	148953	0.019	
453.00	454.00	1.00	148954	0.239	
454.00	455.00	1.00	148955	0.030	
455.00	456.00	1.00	148957	0.023	
456.00	457.00	1.00	148958	1.390	
457.00	458.00	1.00	148959	1.260	
458.00	459.00	1.00	148960	1.360	
459.00	460.00	1.00	148961	3.910	
460.00	461.00	1.00	148962	0.438	
461.00	462.00	1.00	148963	0.124	
462.00	463.00	1.00	148965	0.039	
463.00	464.00	1.00	148966	0.035	
464.00	465.00	1.00	148967	0.036	
465.00	466.00	1.00	148968	0.646	
466.00	467.00	1.00	148969	0.130	
467.00	468.00	1.00	148970	0.271	
468.00	469.00	1.00	148971	0.017	
469.00	470.00	1.00	148973	1.580	
470.00	471.00	1.00	148974	1.330	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
471.00	472.00	1.00	148975	1.740	
472.00	473.00	1.00	148976	0.685	
473.00	474.00	1.00	148977	2.710	
474.00	475.00	1.00	148978	0.527	
475.00	476.00	1.00	148979	0.262	
476.00	477.00	1.00	148981	2.760	
477.00	478.00	1.00	148982	1.670	
478.00	479.00	1.00	148983	5.050	
479.00	480.00	1.00	148984	0.482	
480.00	481.00	1.00	148985	0.925	
481.00	482.00	1.00	148986	4.250	
482.00	483.00	1.00	148987	0.106	
483.00	484.00	1.00	148989	1.850	
484.00	485.00	1.00	148990	1.450	
485.00	486.00	1.00	148991	1.760	
486.00	487.00	1.00	148992	0.014	
487.00	488.00	1.00	148993	0.008	
488.00	489.00	1.00	148994	0.005	
489.00	490.00	1.00	148995	0.075	
490.00	491.00	1.00	148997	0.073	
491.00	492.00	1.00	148998	0.483	
492.00	493.00	1.00	148999	0.578	
493.00	494.00	1.00	149000	0.003	
494.00	495.00	1.00	149001	0.277	
495.00	496.00	1.00	149002	0.409	
496.00	497.00	1.00	149003	0.242	
497.00	498.00	1.00	149005	1.030	
498.00	499.00	1.00	149006	3.000	
499.00	500.00	1.00	149007	2.760	
500.00	501.00	1.00	149008	0.993	
501.00	502.00	1.00	149009	0.651	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
502.00	503.00	1.00	149010	0.433	
503.00	504.00	1.00	149011	0.628	
504.00	505.00	1.00	149013	0.432	
505.00	506.00	1.00	149014	0.218	
506.00	507.00	1.00	149015	0.693	
507.00	508.00	1.00	149016	0.641	
508.00	509.00	1.00	149017	2.700	
509.00	510.00	1.00	149018	1.120	
510.00	511.00	1.00	149019	1.040	
511.00	512.00	1.00	149021	1.590	
512.00	513.00	1.00	149022	1.190	
513.00	514.00	1.00	149023	0.697	
514.00	515.00	1.00	149024	2.220	
515.00	516.00	1.00	149025	0.304	
516.00	517.00	1.00	149026	0.264	
517.00	518.00	1.00	149027	0.069	
518.00	519.00	1.00	149029	0.082	
519.00	520.00	1.00	149030	0.120	
520.00	521.00	1.00	149031	0.253	
521.00	522.00	1.00	149032	0.531	
522.00	523.00	1.00	149033	0.594	
523.00	524.00	1.00	149034	0.042	
524.00	525.00	1.00	149035	1.660	
525.00	526.00	1.00	149037	2.710	
526.00	527.00	1.00	149038	0.813	
527.00	528.00	1.00	149039	0.676	
528.00	529.00	1.00	149040	0.337	
529.00	530.00	1.00	149041	0.038	
530.00	531.00	1.00	149042	0.042	
531.00	532.00	1.00	149043	0.047	
532.00	533.00	1.00	149045	0.078	



Premier Gold Mines NWO Inc.

Assay - Sample					
From	To	Length	Sample number	Au_FINAL (g/t)	Description
533.00	534.00	1.00	149046	0.015	
534.00	535.00	1.00	149047	0.016	
535.00	536.00	1.00	149048	0.035	
536.00	537.00	1.00	149049	0.012	
537.00	538.00	1.00	149050	0.007	
538.00	539.00	1.00	149051	0.005	
539.00	540.00	1.00	149053	0.009	
540.00	541.00	1.00	149054	0.007	
541.00	542.00	1.00	149055	0.010	
542.00	543.00	1.00	149056	0.023	
543.00	544.00	1.00	149057	0.011	
544.00	545.00	1.00	149058	0.025	
545.00	546.00	1.00	149059	0.012	
546.00	547.00	1.00	149061	0.453	
547.00	548.00	1.00	149062	0.115	
548.00	549.00	1.00	149063	0.026	
549.00	550.00	1.00	149064	0.071	
550.00	551.00	1.00	149065	0.393	
551.00	552.00	1.00	149066	0.117	
552.00	553.00	1.00	149067	0.568	
553.00	554.00	1.00	149069	0.869	
554.00	555.00	1.00	149070	1.740	
555.00	556.00	1.00	149071	0.399	
556.00	557.00	1.00	149072	0.103	
557.00	558.00	1.00	149073	0.140	
558.00	559.00	1.00	149074	0.512	
559.00	560.50	1.50	149075	0.052	
560.50	562.00	1.50	149077	0.073	
562.00	563.50	1.50	149078	0.029	
563.50	565.00	1.50	149079	0.024	
565.00	566.50	1.50	149080	0.042	

Premier Gold Mines NWO Inc.

Assay - Sample

From	To	Length	Sample number	Au_FINAL (g/t)	Description
566.50	568.00	1.50	149081	0.019	
568.00	569.50	1.50	149082	0.090	
569.50	571.00	1.50	149083	0.046	
571.00	572.50	1.50	149085	0.027	
572.50	574.00	1.50	149086	0.021	
574.00	575.50	1.50	149087	0.025	
575.50	577.00	1.50	149088	0.013	



## **Appendix B: Down-Hole Surveys**

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP151w1	HASAGA_2018	0	GYRO	146.63	-80.39926
HMP151w1	HASAGA_2018	10	GYRO	147.83793	-80.41814
HMP151w1	HASAGA_2018	20	GYRO	149.59088	-80.08749
HMP151w1	HASAGA_2018	30	GYRO	150.97815	-79.43006
HMP151w1	HASAGA_2018	40	GYRO	152.98219	-78.81112
HMP151w1	HASAGA_2018	50	GYRO	153.80759	-78.36338
HMP151w1	HASAGA_2018	60	GYRO	154.19694	-78.12792
HMP151w1	HASAGA_2018	70	GYRO	154.95981	-78.23128
HMP151w1	HASAGA_2018	80	GYRO	155.40033	-77.81767
HMP151w1	HASAGA_2018	90	GYRO	155.32675	-77.46157
HMP151w1	HASAGA_2018	100	GYRO	154.99769	-77.20167
HMP151w1	HASAGA_2018	110	GYRO	155.7106	-76.77693
HMP151w1	HASAGA_2018	120	GYRO	156.45789	-76.35118
HMP151w1	HASAGA_2018	130	GYRO	156.8218	-75.97712
HMP151w1	HASAGA_2018	140	GYRO	157.14172	-75.6355
HMP151w1	HASAGA_2018	150	GYRO	157.36919	-75.22974
HMP151w1	HASAGA_2018	160	GYRO	157.74696	-74.8829
HMP151w1	HASAGA_2018	170	GYRO	158.12745	-74.45607
HMP151w1	HASAGA_2018	180	GYRO	158.5432	-74.1152
HMP151w1	HASAGA_2018	190	GYRO	158.64989	-73.78725
HMP151w1	HASAGA_2018	200	GYRO	158.94333	-73.46444
HMP151w1	HASAGA_2018	210	GYRO	159.27464	-73.12853
HMP151w1	HASAGA_2018	220	GYRO	159.60073	-72.78423
HMP151w1	HASAGA_2018	230	GYRO	159.62413	-72.52382
HMP151w1	HASAGA_2018	240	GYRO	159.7311	-72.19352
HMP151w1	HASAGA_2018	250	GYRO	160.02917	-71.73864
HMP151w1	HASAGA_2018	260	GYRO	160.69033	-71.20683
HMP151w1	HASAGA_2018	270	GYRO	160.89761	-70.78657
HMP151w1	HASAGA_2018	280	GYRO	161.08399	-70.36638
HMP151w1	HASAGA_2018	290	GYRO	161.31297	-70.12439
HMP151w1	HASAGA_2018	300	GYRO	161.49399	-69.8207
HMP151w1	HASAGA_2018	310	GYRO	161.56493	-69.60005
HMP151w1	HASAGA_2018	320	GYRO	161.74533	-69.37109
HMP151w1	HASAGA_2018	330	GYRO	161.6821	-69.16489
HMP151w1	HASAGA_2018	340	GYRO	161.71734	-69.01031
HMP151w1	HASAGA_2018	350	GYRO	161.79961	-68.84389
HMP151w1	HASAGA_2018	360	GYRO	161.81791	-68.81914
HMP151w1	HASAGA_2018	370	GYRO	161.74564	-68.72975
HMP151w1	HASAGA_2018	380	GYRO	161.89791	-68.67668
HMP151w1	HASAGA_2018	390	GYRO	161.93746	-68.6414
HMP151w1	HASAGA_2018	400	GYRO	161.68177	-68.59204
HMP151w1	HASAGA_2018	410	GYRO	161.70224	-68.49261
HMP151w1	HASAGA_2018	420	GYRO	161.72603	-68.451
HMP151w1	HASAGA_2018	430	GYRO	161.99676	-68.41275
HMP151w1	HASAGA_2018	440	GYRO	161.9356	-68.39498
HMP151w1	HASAGA_2018	450	GYRO	162.12183	-68.3187
HMP151w1	HASAGA_2018	460	GYRO	162.28749	-68.08735
HMP151w1	HASAGA_2018	470	GYRO	162.50368	-67.5388
HMP151w1	HASAGA_2018	480	GYRO	163.28556	-66.90372
HMP151w1	HASAGA_2018	490	GYRO	158.01	-65.72
HMP151w1	HASAGA_2018	500	GYRO	162.71	-64.75
HMP151w1	HASAGA_2018	510	GYRO	163.66	-63.08
HMP151w1	HASAGA_2018	520	GYRO	165.22	-62.23
HMP151w1	HASAGA_2018	530	GYRO	167.62	-61.06
HMP151w1	HASAGA_2018	540	GYRO	167.84	-59.88

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP151w1	HASAGA_2018	550	GYRO	168.19	-58.66
HMP151w1	HASAGA_2018	560	GYRO	168.34	-57.76
HMP151w1	HASAGA_2018	570	GYRO	168.42	-57.53
HMP151w1	HASAGA_2018	580	GYRO	168.52	-57.17
HMP151w1	HASAGA_2018	590	GYRO	168.6	-56.97
HMP151w1	HASAGA_2018	600	GYRO	168.32	-56.7
HMP151w1	HASAGA_2018	610	GYRO	168.34	-56.66
HMP151w1	HASAGA_2018	620	GYRO	168.26	-56.42
HMP151w1	HASAGA_2018	630	GYRO	168.05	-56.25
HMP151w1	HASAGA_2018	640	GYRO	167.97	-56.03
HMP151w1	HASAGA_2018	650	GYRO	167.96	-55.8
HMP151w1	HASAGA_2018	660	GYRO	167.94	-55.7
HMP151w1	HASAGA_2018	670	GYRO	167.85	-55.55
HMP151w1	HASAGA_2018	680	GYRO	167.81	-55.38
HMP151w1	HASAGA_2018	690	GYRO	167.87	-55.23
HMP151w1	HASAGA_2018	700	GYRO	167.93	-55.14
HMP151w1	HASAGA_2018	710	GYRO	167.92	-55.05
HMP151w1	HASAGA_2018	720	GYRO	167.72	-55.05
HMP151w1	HASAGA_2018	730	GYRO	167.81	-54.69
HMP151w1	HASAGA_2018	740	GYRO	167.8	-54.54
HMP151w1	HASAGA_2018	750	GYRO	167.9	-54.27
HMP151w1	HASAGA_2018	760	GYRO	167.74	-53.84
HMP151w1	HASAGA_2018	770	GYRO	167.66	-53.49
HMP151w1	HASAGA_2018	780	GYRO	167.59	-53.26
HMP151w1	HASAGA_2018	790	GYRO	167.48	-53.01
HMP151w1	HASAGA_2018	800	GYRO	167.37	-52.63
HMP151w1	HASAGA_2018	810	GYRO	167.36	-52.54
HMP151w2	HASAGA_2018	0	GYRO	146.63	-80.39926
HMP151w2	HASAGA_2018	10	GYRO	147.83793	-80.41814
HMP151w2	HASAGA_2018	20	GYRO	149.59088	-80.08749
HMP151w2	HASAGA_2018	30	GYRO	150.97815	-79.43006
HMP151w2	HASAGA_2018	40	GYRO	152.98219	-78.81112
HMP151w2	HASAGA_2018	50	GYRO	153.80759	-78.36338
HMP151w2	HASAGA_2018	60	GYRO	154.19694	-78.12792
HMP151w2	HASAGA_2018	70	GYRO	154.95981	-78.23128
HMP151w2	HASAGA_2018	80	GYRO	155.40033	-77.81767
HMP151w2	HASAGA_2018	90	GYRO	155.32675	-77.46157
HMP151w2	HASAGA_2018	100	GYRO	154.99769	-77.20167
HMP151w2	HASAGA_2018	110	GYRO	155.7106	-76.77693
HMP151w2	HASAGA_2018	120	GYRO	156.45789	-76.35118
HMP151w2	HASAGA_2018	130	GYRO	156.8218	-75.97712
HMP151w2	HASAGA_2018	140	GYRO	157.14172	-75.6355
HMP151w2	HASAGA_2018	150	GYRO	157.36919	-75.22974
HMP151w2	HASAGA_2018	160	GYRO	157.74696	-74.8829
HMP151w2	HASAGA_2018	170	GYRO	158.12745	-74.45607
HMP151w2	HASAGA_2018	180	GYRO	158.5432	-74.1152
HMP151w2	HASAGA_2018	190	GYRO	158.64989	-73.78725
HMP151w2	HASAGA_2018	200	GYRO	158.94333	-73.46444
HMP151w2	HASAGA_2018	210	GYRO	159.27464	-73.12853
HMP151w2	HASAGA_2018	220	GYRO	159.60073	-72.78423
HMP151w2	HASAGA_2018	230	GYRO	159.62413	-72.52382
HMP151w2	HASAGA_2018	240	GYRO	159.7311	-72.19352
HMP151w2	HASAGA_2018	250	GYRO	160.02917	-71.73864
HMP151w2	HASAGA_2018	260	GYRO	160.69033	-71.20683
HMP151w2	HASAGA_2018	270	GYRO	160.89761	-70.78657

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP151w2	HASAGA_2018	280	GYRO	161.08399	-70.36638
HMP151w2	HASAGA_2018	290	GYRO	161.31297	-70.12439
HMP151w2	HASAGA_2018	300	GYRO	161.49399	-69.8207
HMP151w2	HASAGA_2018	310	GYRO	161.56493	-69.60005
HMP151w2	HASAGA_2018	320	GYRO	161.74533	-69.37109
HMP151w2	HASAGA_2018	330	GYRO	161.6821	-69.16489
HMP151w2	HASAGA_2018	340	GYRO	161.71734	-69.01031
HMP151w2	HASAGA_2018	350	GYRO	161.79961	-68.84389
HMP151w2	HASAGA_2018	360	GYRO	161.81791	-68.81914
HMP151w2	HASAGA_2018	370	GYRO	161.74564	-68.72975
HMP151w2	HASAGA_2018	380	GYRO	161.89791	-68.67668
HMP151w2	HASAGA_2018	390	GYRO	161.93746	-68.6414
HMP151w2	HASAGA_2018	400	GYRO	161.68177	-68.59204
HMP151w2	HASAGA_2018	410	GYRO	161.70224	-68.49261
HMP151w2	HASAGA_2018	420	GYRO	161.72603	-68.451
HMP151w2	HASAGA_2018	430	GYRO	161.99676	-68.41275
HMP151w2	HASAGA_2018	440	GYRO	161.9356	-68.39498
HMP151w2	HASAGA_2018	450	GYRO	162.12183	-68.3187
HMP151w2	HASAGA_2018	460	GYRO	162.28749	-68.08735
HMP151w2	HASAGA_2018	470	GYRO	163.33	-67.59
HMP151w2	HASAGA_2018	475	GYRO	166.66	-68
HMP151w2	HASAGA_2018	480	GYRO	167.3	-67.38
HMP151w2	HASAGA_2018	485	GYRO	167.53	-66.86
HMP151w2	HASAGA_2018	490	GYRO	167.23	-66.68
HMP151w2	HASAGA_2018	495	GYRO	167.42	-66.53
HMP151w2	HASAGA_2018	500	GYRO	167.49	-66.23
HMP151w2	HASAGA_2018	505	GYRO	167.23	-66.1
HMP151w2	HASAGA_2018	510	GYRO	167.62	-65.96
HMP151w2	HASAGA_2018	515	GYRO	167.5	-66.04
HMP151w2	HASAGA_2018	520	GYRO	167.59	-65.81
HMP151w2	HASAGA_2018	525	GYRO	167.55	-65.8
HMP151w2	HASAGA_2018	530	GYRO	167.63	-65.71
HMP151w2	HASAGA_2018	535	GYRO	167.46	-65.66
HMP151w2	HASAGA_2018	540	GYRO	167.57	-65.58
HMP151w2	HASAGA_2018	545	GYRO	167.46	-65.51
HMP151w2	HASAGA_2018	550	GYRO	167.47	-65.58
HMP151w2	HASAGA_2018	555	GYRO	167.43	-65.43
HMP151w2	HASAGA_2018	560	GYRO	167.29	-65.44
HMP151w2	HASAGA_2018	565	GYRO	167.33	-65.35
HMP151w2	HASAGA_2018	570	GYRO	167.27	-65.38
HMP151w2	HASAGA_2018	575	GYRO	167.35	-65.34
HMP151w2	HASAGA_2018	580	GYRO	167.27	-65.37
HMP151w2	HASAGA_2018	585	GYRO	167.37	-65.26
HMP151w2	HASAGA_2018	590	GYRO	167.01	-65.35
HMP151w2	HASAGA_2018	595	GYRO	166.8	-65.2
HMP151w2	HASAGA_2018	600	GYRO	166.33	-65.05
HMP151w2	HASAGA_2018	605	GYRO	166.44	-64.92
HMP151w2	HASAGA_2018	610	GYRO	166.16	-64.91
HMP151w2	HASAGA_2018	615	GYRO	166.47	-64.81
HMP151w2	HASAGA_2018	620	GYRO	166.14	-64.81
HMP151w2	HASAGA_2018	625	GYRO	166.17	-64.64
HMP151w2	HASAGA_2018	630	GYRO	166.33	-64.68
HMP151w2	HASAGA_2018	635	GYRO	169.91	-64.84
HMP151w2	HASAGA_2018	640	GYRO	169.55	-64.53
HMP151w2	HASAGA_2018	645	GYRO	169.58	-64.35

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP151w2	HASAGA_2018	650	GYRO	169.27	-64.15
HMP151w2	HASAGA_2018	655	GYRO	169.36	-64.07
HMP151w2	HASAGA_2018	660	GYRO	169.12	-64
HMP151w2	HASAGA_2018	665	GYRO	169.29	-63.91
HMP151w2	HASAGA_2018	670	GYRO	169.09	-63.85
HMP151w2	HASAGA_2018	675	GYRO	169.2	-63.68
HMP151w2	HASAGA_2018	680	GYRO	169.07	-63.69
HMP151w2	HASAGA_2018	685	GYRO	168.95	-63.61
HMP151w2	HASAGA_2018	690	GYRO	169.17	-63.54
HMP151w2	HASAGA_2018	695	GYRO	168.96	-63.52
HMP151w2	HASAGA_2018	700	GYRO	168.89	-63.38
HMP151w2	HASAGA_2018	705	GYRO	168.88	-63.32
HMP151w2	HASAGA_2018	710	GYRO	168.74	-63.37
HMP151w2	HASAGA_2018	715	GYRO	168.82	-63.29
HMP151w2	HASAGA_2018	720	GYRO	168.67	-63.25
HMP151w2	HASAGA_2018	725	GYRO	168.6	-63.2
HMP151w2	HASAGA_2018	730	GYRO	168.71	-63.04
HMP151w2	HASAGA_2018	735	GYRO	168.75	-63.06
HMP151w2	HASAGA_2018	740	GYRO	168.77	-63.09
HMP151w2	HASAGA_2018	745	GYRO	168.86	-62.76
HMP151w2	HASAGA_2018	755	GYRO	169.45	-62.49
HMP151w2	HASAGA_2018	760	GYRO	169.9	-62.32
HMP151w2	HASAGA_2018	765	GYRO	170.01	-62.2
HMP151w2	HASAGA_2018	770	GYRO	169.86	-62.15
HMP151w2	HASAGA_2018	775	GYRO	169.89	-61.95
HMP151w2	HASAGA_2018	780	GYRO	169.98	-62.04
HMP151w2	HASAGA_2018	785	GYRO	170	-62.03
HMP151w2	HASAGA_2018	790	GYRO	170.06	-61.85
HMP151w2	HASAGA_2018	795	GYRO	169.99	-61.78
HMP151w2	HASAGA_2018	800	GYRO	169.91	-61.52
HMP151w2	HASAGA_2018	805	GYRO	169.87	-61.34
HMP151w2	HASAGA_2018	810	GYRO	169.73	-61.18
HMP151w2	HASAGA_2018	815	GYRO	169.63	-61.21
HMP151w2	HASAGA_2018	820	GYRO	169.6	-61.04
HMP151w2	HASAGA_2018	825	GYRO	169.55	-60.94
HMP151w2	HASAGA_2018	830	GYRO	169.51	-60.92
HMP151w2	HASAGA_2018	835	GYRO	169.48	-60.87
HMP151w2	HASAGA_2018	840	GYRO	169.38	-60.83
HMP151w2	HASAGA_2018	845	GYRO	169.42	-60.78
HMP151w2	HASAGA_2018	850	GYRO	169.3	-60.74
HMP151w2	HASAGA_2018	855	GYRO	169.3	-60.63
HMP151w2	HASAGA_2018	860	GYRO	169.21	-60.58
HMP151w2	HASAGA_2018	865	GYRO	169.17	-60.52
HMP151w2	HASAGA_2018	870	GYRO	169.11	-60.37
HMP165	HASAGA_2018	0	GYRO	338.28	-62.14
HMP165	HASAGA_2018	2	GYRO	338.2	-62.11
HMP165	HASAGA_2018	4	GYRO	338.23	-62.03
HMP165	HASAGA_2018	6	GYRO	338.11	-62.27
HMP165	HASAGA_2018	8	GYRO	338.2	-61.95
HMP165	HASAGA_2018	10	GYRO	338.36	-61.89
HMP165	HASAGA_2018	12	GYRO	338.26	-61.86
HMP165	HASAGA_2018	14	GYRO	338.32	-61.78
HMP165	HASAGA_2018	16	GYRO	338.26	-61.65
HMP165	HASAGA_2018	18	GYRO	338.45	-61.64
HMP165	HASAGA_2018	20	GYRO	338.32	-61.49

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP165	HASAGA_2018	22	GYRO	338.34	-61.51
HMP165	HASAGA_2018	24	GYRO	338.35	-61.44
HMP165	HASAGA_2018	26	GYRO	338.32	-61.37
HMP165	HASAGA_2018	28	GYRO	338.23	-61.34
HMP165	HASAGA_2018	30	GYRO	338.29	-61.33
HMP165	HASAGA_2018	32	GYRO	338.28	-61.25
HMP165	HASAGA_2018	34	GYRO	338.2	-61.19
HMP165	HASAGA_2018	36	GYRO	338.24	-61.09
HMP165	HASAGA_2018	38	GYRO	338.04	-61.03
HMP165	HASAGA_2018	40	GYRO	338.11	-60.89
HMP165	HASAGA_2018	42	GYRO	338.1	-60.88
HMP165	HASAGA_2018	44	GYRO	338.12	-60.8
HMP165	HASAGA_2018	46	GYRO	338.08	-60.7
HMP165	HASAGA_2018	48	GYRO	338.03	-60.62
HMP165	HASAGA_2018	50	GYRO	338.01	-60.61
HMP165	HASAGA_2018	52	GYRO	337.96	-60.54
HMP165	HASAGA_2018	54	GYRO	337.96	-60.47
HMP165	HASAGA_2018	56	GYRO	337.94	-60.4
HMP165	HASAGA_2018	58	GYRO	337.96	-60.47
HMP165	HASAGA_2018	60	GYRO	338	-60.37
HMP165	HASAGA_2018	62	GYRO	337.98	-60.29
HMP165	HASAGA_2018	64	GYRO	337.95	-60.16
HMP165	HASAGA_2018	66	GYRO	337.94	-60.08
HMP165	HASAGA_2018	68	GYRO	337.95	-59.99
HMP165	HASAGA_2018	70	GYRO	337.88	-60.02
HMP165	HASAGA_2018	72	GYRO	337.82	-59.9
HMP165	HASAGA_2018	74	GYRO	337.75	-59.82
HMP165	HASAGA_2018	76	GYRO	337.76	-59.86
HMP165	HASAGA_2018	78	GYRO	337.85	-59.74
HMP165	HASAGA_2018	80	GYRO	337.75	-59.73
HMP165	HASAGA_2018	82	GYRO	337.64	-59.6
HMP165	HASAGA_2018	84	GYRO	337.69	-59.51
HMP165	HASAGA_2018	86	GYRO	337.67	-59.42
HMP165	HASAGA_2018	88	GYRO	337.62	-59.36
HMP165	HASAGA_2018	90	GYRO	336.96	-59.17
HMP165	HASAGA_2018	92	GYRO	336.93	-59.18
HMP165	HASAGA_2018	94	GYRO	336.97	-59.18
HMP165	HASAGA_2018	96	GYRO	336.96	-59.11
HMP165	HASAGA_2018	98	GYRO	336.94	-59.08
HMP165	HASAGA_2018	100	GYRO	336.9	-58.86
HMP165	HASAGA_2018	102	GYRO	336.95	-58.62
HMP165	HASAGA_2018	104	GYRO	336.96	-58.58
HMP165	HASAGA_2018	106	GYRO	336.85	-58.34
HMP165	HASAGA_2018	108	GYRO	336.78	-58.57
HMP165	HASAGA_2018	110	GYRO	336.87	-58.12
HMP165	HASAGA_2018	112	GYRO	336.86	-58.04
HMP165	HASAGA_2018	114	GYRO	336.98	-57.85
HMP165	HASAGA_2018	116	GYRO	337.01	-57.62
HMP165	HASAGA_2018	118	GYRO	337.02	-57.53
HMP165	HASAGA_2018	120	GYRO	337.08	-57.53
HMP165	HASAGA_2018	122	GYRO	336.99	-57.42
HMP165	HASAGA_2018	124	GYRO	337.08	-57.41
HMP165	HASAGA_2018	126	GYRO	337.12	-57.29
HMP165	HASAGA_2018	128	GYRO	337.08	-57.27
HMP165	HASAGA_2018	130	GYRO	336.99	-57.31



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP165	HASAGA_2018	132	GYRO	336.99	-57.28
HMP165	HASAGA_2018	134	GYRO	337.03	-57.21
HMP165	HASAGA_2018	136	GYRO	337.08	-57.21
HMP165	HASAGA_2018	138	GYRO	336.95	-57.08
HMP165	HASAGA_2018	140	GYRO	336.97	-57.06
HMP165	HASAGA_2018	142	GYRO	337.07	-56.98
HMP165	HASAGA_2018	144	GYRO	337.08	-56.91
HMP165	HASAGA_2018	146	GYRO	337.08	-56.71
HMP165	HASAGA_2018	148	GYRO	337.02	-56.55
HMP165	HASAGA_2018	150	GYRO	337.09	-56.63
HMP165	HASAGA_2018	152	GYRO	337	-56.55
HMP165	HASAGA_2018	154	GYRO	337.1	-56.49
HMP165	HASAGA_2018	156	GYRO	337.05	-56.4
HMP165	HASAGA_2018	158	GYRO	337	-56.26
HMP165	HASAGA_2018	160	GYRO	336.96	-56.23
HMP165	HASAGA_2018	162	GYRO	337.03	-56.15
HMP165	HASAGA_2018	164	GYRO	336.93	-56.07
HMP165	HASAGA_2018	166	GYRO	336.91	-55.98
HMP165	HASAGA_2018	168	GYRO	336.89	-55.97
HMP165	HASAGA_2018	170	GYRO	336.96	-55.9
HMP165	HASAGA_2018	172	GYRO	336.93	-55.81
HMP165	HASAGA_2018	174	GYRO	336.83	-55.76
HMP165	HASAGA_2018	176	GYRO	336.9	-55.73
HMP165	HASAGA_2018	178	GYRO	336.84	-55.71
HMP165	HASAGA_2018	180	GYRO	336.86	-55.64
HMP165	HASAGA_2018	182	GYRO	336.8	-55.58
HMP165	HASAGA_2018	184	GYRO	336.84	-55.52
HMP165	HASAGA_2018	186	GYRO	336.76	-55.5
HMP165	HASAGA_2018	188	GYRO	336.71	-55.54
HMP165	HASAGA_2018	190	GYRO	336.71	-55.42
HMP165	HASAGA_2018	192	GYRO	336.82	-55.34
HMP165	HASAGA_2018	194	GYRO	336.34	-55.34
HMP165	HASAGA_2018	196	GYRO	336.54	-55.29
HMP165	HASAGA_2018	198	GYRO	336.54	-55.32
HMP165	HASAGA_2018	200	GYRO	336.44	-55.39
HMP165	HASAGA_2018	202	GYRO	336.38	-55.38
HMP165	HASAGA_2018	204	GYRO	336.47	-55.04
HMP165	HASAGA_2018	206	GYRO	336.51	-55.06
HMP165	HASAGA_2018	208	GYRO	336.4	-55.04
HMP165	HASAGA_2018	210	GYRO	336.34	-54.97
HMP165	HASAGA_2018	212	GYRO	336.41	-54.98
HMP165	HASAGA_2018	214	GYRO	336.3	-54.91
HMP165	HASAGA_2018	216	GYRO	336.4	-54.9
HMP165	HASAGA_2018	218	GYRO	336.31	-54.76
HMP165	HASAGA_2018	220	GYRO	336.27	-54.73
HMP165	HASAGA_2018	222	GYRO	336.3	-54.78
HMP165	HASAGA_2018	224	GYRO	336.3	-54.77
HMP165	HASAGA_2018	226	GYRO	336.21	-54.72
HMP165	HASAGA_2018	228	GYRO	336.23	-54.58
HMP165	HASAGA_2018	230	GYRO	336.29	-54.63
HMP165	HASAGA_2018	232	GYRO	336.31	-54.54
HMP165	HASAGA_2018	234	GYRO	336.23	-54.55
HMP165	HASAGA_2018	236	GYRO	336.2	-54.42
HMP165	HASAGA_2018	238	GYRO	336.33	-54.38
HMP165	HASAGA_2018	240	GYRO	336.31	-54.3

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP165	HASAGA_2018	242	GYRO	336.29	-54.32
HMP165	HASAGA_2018	244	GYRO	336.24	-54.21
HMP165	HASAGA_2018	246	GYRO	336.28	-54.21
HMP165	HASAGA_2018	248	GYRO	336.23	-54.21
HMP165	HASAGA_2018	250	GYRO	336.26	-54.12
HMP165	HASAGA_2018	252	GYRO	336.26	-54.05
HMP165	HASAGA_2018	254	GYRO	336.28	-54.03
HMP165	HASAGA_2018	256	GYRO	336.3	-53.91
HMP165	HASAGA_2018	258	GYRO	336.19	-53.89
HMP165	HASAGA_2018	260	GYRO	336.09	-53.85
HMP165	HASAGA_2018	262	GYRO	336.2	-53.77
HMP165	HASAGA_2018	264	GYRO	336.22	-53.69
HMP165	HASAGA_2018	266	GYRO	336.21	-53.46
HMP165	HASAGA_2018	268	GYRO	336.21	-53.37
HMP165	HASAGA_2018	270	GYRO	336.16	-53.28
HMP165	HASAGA_2018	272	GYRO	336.32	-53.18
HMP165	HASAGA_2018	274	GYRO	336.23	-53.05
HMP165	HASAGA_2018	276	GYRO	336.24	-53.02
HMP165	HASAGA_2018	278	GYRO	336.35	-52.84
HMP165	HASAGA_2018	280	GYRO	336.23	-52.7
HMP165	HASAGA_2018	282	GYRO	336.25	-52.6
HMP165	HASAGA_2018	284	GYRO	336.25	-52.51
HMP165	HASAGA_2018	286	GYRO	336.35	-52.49
HMP165	HASAGA_2018	288	GYRO	336.28	-52.43
HMP165	HASAGA_2018	290	GYRO	336.18	-52.36
HMP165	HASAGA_2018	292	GYRO	336.32	-52.33
HMP165	HASAGA_2018	294	GYRO	336.22	-52.25
HMP165	HASAGA_2018	296	GYRO	336.28	-52.25
HMP165	HASAGA_2018	298	GYRO	336.26	-52.24
HMP165	HASAGA_2018	300	GYRO	336.25	-52.23
HMP165	HASAGA_2018	302	GYRO	336.2	-52.16
HMP165	HASAGA_2018	304	GYRO	336.2	-52.13
HMP165	HASAGA_2018	306	GYRO	336.15	-52.06
HMP165	HASAGA_2018	308	GYRO	336.21	-52.07
HMP165	HASAGA_2018	310	GYRO	336.15	-51.98
HMP165	HASAGA_2018	312	GYRO	336.15	-51.96
HMP165	HASAGA_2018	314	GYRO	336.16	-51.89
HMP165	HASAGA_2018	316	GYRO	336.13	-51.86
HMP165	HASAGA_2018	318	GYRO	336.21	-51.81
HMP165	HASAGA_2018	320	GYRO	336.21	-51.79
HMP165	HASAGA_2018	322	GYRO	336.19	-51.8
HMP165	HASAGA_2018	324	GYRO	336.11	-51.72
HMP165	HASAGA_2018	326	GYRO	336.19	-51.64
HMP165	HASAGA_2018	328	GYRO	336.19	-51.6
HMP165	HASAGA_2018	330	GYRO	336.21	-51.71
HMP165	HASAGA_2018	332	GYRO	336.11	-51.57
HMP165	HASAGA_2018	334	GYRO	336.23	-51.69
HMP165	HASAGA_2018	336	GYRO	336.22	-51.56
HMP165	HASAGA_2018	338	GYRO	336.09	-51.62
HMP165	HASAGA_2018	340	GYRO	336.2	-51.53
HMP165	HASAGA_2018	342	GYRO	336.27	-51.41
HMP165	HASAGA_2018	344	GYRO	336.26	-51.45
HMP165	HASAGA_2018	346	GYRO	336.23	-51.41
HMP165	HASAGA_2018	348	GYRO	336.27	-51.34
HMP165	HASAGA_2018	350	GYRO	336.38	-51.32

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP165	HASAGA_2018	352	GYRO	336.19	-51.28
HMP165	HASAGA_2018	354	GYRO	336.31	-51.31
HMP165	HASAGA_2018	356	GYRO	336.37	-51.18
HMP165	HASAGA_2018	358	GYRO	336.29	-51.17
HMP165	HASAGA_2018	360	GYRO	336.42	-51.11
HMP165	HASAGA_2018	362	GYRO	336.34	-51.21
HMP165	HASAGA_2018	364	GYRO	336.36	-51.08
HMP165	HASAGA_2018	366	GYRO	336.44	-51.07
HMP165	HASAGA_2018	368	GYRO	336.42	-51.04
HMP165	HASAGA_2018	370	GYRO	336.41	-50.92
HMP165	HASAGA_2018	372	GYRO	336.38	-50.87
HMP165	HASAGA_2018	374	GYRO	336.37	-50.85
HMP165	HASAGA_2018	376	GYRO	336.41	-50.85
HMP165	HASAGA_2018	378	GYRO	336.42	-50.82
HMP165	HASAGA_2018	380	GYRO	336.35	-50.69
HMP165	HASAGA_2018	382	GYRO	336.4	-50.65
HMP165	HASAGA_2018	384	GYRO	336.25	-50.72
HMP165	HASAGA_2018	386	GYRO	336.41	-50.6
HMP165	HASAGA_2018	388	GYRO	336.46	-50.6
HMP165	HASAGA_2018	390	GYRO	336.54	-50.5
HMP165	HASAGA_2018	392	GYRO	336.55	-50.44
HMP165	HASAGA_2018	394	GYRO	336.57	-50.48
HMP165	HASAGA_2018	396	GYRO	336.49	-50.49
HMP165	HASAGA_2018	398	GYRO	336.58	-50.42
HMP165	HASAGA_2018	400	GYRO	336.47	-50.42
HMP165	HASAGA_2018	402	GYRO	336.56	-50.56
HMP165	HASAGA_2018	404	GYRO	336.5	-50.41
HMP165	HASAGA_2018	406	GYRO	336.52	-50.24
HMP165	HASAGA_2018	408	GYRO	336.55	-50.17
HMP165	HASAGA_2018	410	GYRO	336.46	-50.23
HMP165	HASAGA_2018	412	GYRO	336.56	-50.13
HMP165	HASAGA_2018	414	GYRO	336.53	-50.14
HMP165	HASAGA_2018	416	GYRO	336.58	-50.19
HMP165	HASAGA_2018	418	GYRO	336.64	-50.23
HMP165	HASAGA_2018	420	GYRO	336.65	-50.14
HMP165	HASAGA_2018	422	GYRO	336.7	-50.06
HMP165	HASAGA_2018	424	GYRO	336.74	-50
HMP165	HASAGA_2018	426	GYRO	336.67	-49.93
HMP165	HASAGA_2018	428	GYRO	336.69	-49.9
HMP165	HASAGA_2018	430	GYRO	336.72	-49.83
HMP165	HASAGA_2018	432	GYRO	336.71	-49.84
HMP165	HASAGA_2018	434	GYRO	336.72	-49.87
HMP165	HASAGA_2018	436	GYRO	336.76	-49.87
HMP165	HASAGA_2018	438	GYRO	336.75	-49.7
HMP165	HASAGA_2018	440	GYRO	336.67	-49.71
HMP165	HASAGA_2018	442	GYRO	336.78	-49.64
HMP165	HASAGA_2018	444	GYRO	336.83	-49.49
HMP165	HASAGA_2018	446	GYRO	336.82	-49.56
HMP165	HASAGA_2018	448	GYRO	336.96	-49.43
HMP165	HASAGA_2018	450	GYRO	336.86	-49.3
HMP165	HASAGA_2018	452	GYRO	336.91	-49.21
HMP165	HASAGA_2018	454	GYRO	336.94	-49.14
HMP165	HASAGA_2018	456	GYRO	337.02	-49.25
HMP165	HASAGA_2018	458	GYRO	337.08	-48.87
HMP165	HASAGA_2018	460	GYRO	337.12	-48.72

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP165	HASAGA_2018	462	GYRO	337.15	-48.65
HMP165	HASAGA_2018	464	GYRO	337.23	-48.58
HMP165	HASAGA_2018	466	GYRO	337.26	-48.73
HMP165	HASAGA_2018	468	GYRO	337.29	-48.6
HMP165	HASAGA_2018	470	GYRO	337.3	-48.48
HMP165	HASAGA_2018	472	GYRO	337.32	-48.38
HMP165	HASAGA_2018	474	GYRO	337.33	-48.32
HMP165	HASAGA_2018	476	GYRO	337.33	-48.24
HMP165	HASAGA_2018	478	GYRO	337.26	-48.17
HMP165	HASAGA_2018	480	GYRO	337.72	-47.97
HMP165	HASAGA_2018	482	GYRO	337.73	-48.01
HMP165	HASAGA_2018	483	GYRO	337.87	-47.89
HMP165	HASAGA_2018	485	GYRO	337.91	-47.84
HMP165	HASAGA_2018	487	GYRO	337.96	-47.94
HMP165	HASAGA_2018	489	GYRO	338.19	-47.84
HMP165	HASAGA_2018	491	GYRO	338.4	-47.68
HMP165	HASAGA_2018	493	GYRO	338.41	-47.66
HMP165	HASAGA_2018	495	GYRO	338.4	-47.64
HMP165	HASAGA_2018	497	GYRO	338.6	-47.52
HMP165	HASAGA_2018	499	GYRO	338.92	-47.33
HMP165	HASAGA_2018	501	GYRO	338.91	-47.27
HMP165	HASAGA_2018	503	GYRO	338.89	-47.27
HMP165	HASAGA_2018	505	GYRO	339.01	-47.24
HMP165	HASAGA_2018	507	GYRO	339.09	-47.19
HMP165	HASAGA_2018	509	GYRO	339.21	-47.21
HMP165	HASAGA_2018	511	GYRO	339.31	-47.21
HMP165	HASAGA_2018	513	GYRO	339.34	-47.11
HMP165	HASAGA_2018	515	GYRO	339.4	-47.06
HMP165	HASAGA_2018	517	GYRO	339.64	-47.06
HMP165	HASAGA_2018	519	GYRO	339.69	-47.01
HMP165	HASAGA_2018	521	GYRO	339.67	-46.94
HMP165	HASAGA_2018	523	GYRO	339.79	-46.91
HMP165	HASAGA_2018	525	GYRO	339.81	-46.89
HMP165	HASAGA_2018	527	GYRO	339.87	-46.82
HMP165	HASAGA_2018	529	GYRO	339.95	-46.75
HMP165	HASAGA_2018	531	GYRO	340.08	-46.8
HMP165	HASAGA_2018	533	GYRO	340.16	-46.82
HMP165	HASAGA_2018	535	GYRO	340.11	-46.76
HMP165	HASAGA_2018	537	GYRO	340.19	-46.69
HMP165	HASAGA_2018	539	GYRO	340.22	-46.66
HMP165	HASAGA_2018	541	GYRO	340.28	-46.67
HMP165	HASAGA_2018	543	GYRO	340.35	-46.65
HMP165	HASAGA_2018	545	GYRO	340.59	-46.55
HMP165	HASAGA_2018	547	GYRO	340.7	-46.46
HMP165	HASAGA_2018	549	GYRO	340.65	-46.47
HMP165	HASAGA_2018	551	GYRO	340.78	-46.41
HMP165	HASAGA_2018	553	GYRO	340.74	-46.31
HMP165	HASAGA_2018	555	GYRO	340.86	-46.33
HMP165	HASAGA_2018	557	GYRO	341.17	-46.32
HMP165	HASAGA_2018	559	GYRO	341.36	-46.26
HMP165	HASAGA_2018	561	GYRO	341.49	-46.23
HMP165	HASAGA_2018	563	GYRO	341.58	-46.22
HMP165	HASAGA_2018	565	GYRO	341.71	-46.24
HMP165	HASAGA_2018	567	GYRO	341.9	-46.23
HMP165	HASAGA_2018	569	GYRO	341.94	-46.18

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP165	HASAGA_2018	571	GYRO	342.04	-46.16
HMP165	HASAGA_2018	573	GYRO	342.14	-46.13
HMP165	HASAGA_2018	575	GYRO	342.12	-46.13
HMP165	HASAGA_2018	577	GYRO	342.27	-46.13
HMP165	HASAGA_2018	579	GYRO	342.44	-46.1
HMP165	HASAGA_2018	581	GYRO	342.52	-46.09
HMP165	HASAGA_2018	583	GYRO	342.63	-46.05
HMP165	HASAGA_2018	585	GYRO	342.82	-45.97
HMP165	HASAGA_2018	587	GYRO	343.07	-45.87
HMP165	HASAGA_2018	589	GYRO	343.36	-45.79
HMP165	HASAGA_2018	591	GYRO	343.67	-45.66
HMP165	HASAGA_2018	593	GYRO	343.96	-45.56
HMP165	HASAGA_2018	595	GYRO	344.12	-45.54
HMP165	HASAGA_2018	597	GYRO	344.31	-45.54
HMP165	HASAGA_2018	599	GYRO	344.61	-45.5
HMP165	HASAGA_2018	601	GYRO	344.87	-45.4
HMP165	HASAGA_2018	603	GYRO	344.95	-45.31
HMP165	HASAGA_2018	605	GYRO	345.01	-45.27
HMP165	HASAGA_2018	607	GYRO	345.28	-45.27
HMP165	HASAGA_2018	609	GYRO	345.46	-45.24
HMP165	HASAGA_2018	611	GYRO	345.32	-45.19
HMP165	HASAGA_2018	613	GYRO	345.34	-45.21
HMP165	HASAGA_2018	615	GYRO	345.58	-45.2
HMP165	HASAGA_2018	617	GYRO	345.65	-45.17
HMP165	HASAGA_2018	619	GYRO	345.71	-45.14
HMP165	HASAGA_2018	621	GYRO	345.85	-45.05
HMP165	HASAGA_2018	623	GYRO	345.91	-45.04
HMP165	HASAGA_2018	625	GYRO	346.07	-45.04
HMP165	HASAGA_2018	627	GYRO	346.17	-45.02
HMP165	HASAGA_2018	629	GYRO	346.16	-45.07
HMP165	HASAGA_2018	631	GYRO	346.28	-45.08
HMP165	HASAGA_2018	633	GYRO	346.38	-45.05
HMP165	HASAGA_2018	635	GYRO	346.33	-45.14
HMP165	HASAGA_2018	637	GYRO	346.47	-45.18
HMP165	HASAGA_2018	639	GYRO	346.84	-45.12
HMP165	HASAGA_2018	641	GYRO	346.82	-45.12
HMP165	HASAGA_2018	643	GYRO	346.76	-45.16
HMP165	HASAGA_2018	645	GYRO	346.9	-45.23
HMP165	HASAGA_2018	647	GYRO	347.05	-45.23
HMP165	HASAGA_2018	649	GYRO	347.19	-45.15
HMP165	HASAGA_2018	651	GYRO	347.27	-45.14
HMP165	HASAGA_2018	653	GYRO	347.44	-45.16
HMP165	HASAGA_2018	655	GYRO	347.54	-45.11
HMP165	HASAGA_2018	657	GYRO	347.47	-45.15
HMP165	HASAGA_2018	659	GYRO	347.44	-45.1
HMP165	HASAGA_2018	661	GYRO	347.57	-45.13
HMP165	HASAGA_2018	663	GYRO	347.81	-45.17
HMP165	HASAGA_2018	665	GYRO	347.95	-45.2
HMP165	HASAGA_2018	667	GYRO	348.06	-45.29
HMP165	HASAGA_2018	669	GYRO	348.04	-45.26
HMP165	HASAGA_2018	671	GYRO	348.03	-45.3
HMP165	HASAGA_2018	673	GYRO	348.18	-45.28
HMP165	HASAGA_2018	675	GYRO	348.31	-45.26
HMP165	HASAGA_2018	677	GYRO	348.44	-45.25
HMP165	HASAGA_2018	679	GYRO	348.48	-45.19

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP165	HASAGA_2018	681	GYRO	348.55	-45.18
HMP165	HASAGA_2018	683	GYRO	348.73	-45.14
HMP165	HASAGA_2018	685	GYRO	348.98	-45.06
HMP165	HASAGA_2018	689	GYRO	349.04	-44.91
HMP165	HASAGA_2018	691	GYRO	348.99	-44.97
HMP165	HASAGA_2018	693	GYRO	349.08	-45
HMP165	HASAGA_2018	695	GYRO	349.24	-44.93
HMP165	HASAGA_2018	697	GYRO	349.5	-44.91
HMP165	HASAGA_2018	699	GYRO	349.7	-44.88
HMP165	HASAGA_2018	701	GYRO	349.69	-44.82
HMP165	HASAGA_2018	703	GYRO	349.72	-44.8
HMP165	HASAGA_2018	705	GYRO	349.66	-44.85
HMP165	HASAGA_2018	707	GYRO	349.55	-44.86
HMP165	HASAGA_2018	709	GYRO	349.71	-44.79
HMP165	HASAGA_2018	711	GYRO	349.98	-44.77
HMP165	HASAGA_2018	713	GYRO	349.99	-44.77
HMP165	HASAGA_2018	715	GYRO	349.72	-44.77
HMP165	HASAGA_2018	717	GYRO	349.75	-44.77
HMP165	HASAGA_2018	719	GYRO	349.94	-44.74
HMP165	HASAGA_2018	721	GYRO	350.22	-44.72
HMP165	HASAGA_2018	723	GYRO	350.24	-44.77
HMP165	HASAGA_2018	725	GYRO	350.24	-44.8
HMP165	HASAGA_2018	727	GYRO	350.47	-44.74
HMP165	HASAGA_2018	729	GYRO	350.36	-44.75
HMP165	HASAGA_2018	731	GYRO	350.5	-44.64
HMP165	HASAGA_2018	733	GYRO	350.7	-44.48
HMP165	HASAGA_2018	735	GYRO	350.72	-44.48
HMP166	HASAGA_2018	0	GYRO	18.79	-68.17
HMP166	HASAGA_2018	1	GYRO	18.57	-68.27
HMP166	HASAGA_2018	4	GYRO	17.88	-68.4
HMP166	HASAGA_2018	7	GYRO	18.01	-68.33
HMP166	HASAGA_2018	10	GYRO	17.96	-68.15
HMP166	HASAGA_2018	13	GYRO	17.81	-68.04
HMP166	HASAGA_2018	16	GYRO	18.02	-68.05
HMP166	HASAGA_2018	19	GYRO	18.07	-67.99
HMP166	HASAGA_2018	22	GYRO	18.22	-67.85
HMP166	HASAGA_2018	25	GYRO	18.54	-67.82
HMP166	HASAGA_2018	28	GYRO	18.07	-67.6
HMP166	HASAGA_2018	31	GYRO	18.11	-67.6
HMP166	HASAGA_2018	34	GYRO	18.32	-67.58
HMP166	HASAGA_2018	37	GYRO	18.28	-67.45
HMP166	HASAGA_2018	40	GYRO	18.45	-67.45
HMP166	HASAGA_2018	43	GYRO	18.48	-67.38
HMP166	HASAGA_2018	46	GYRO	18.51	-67.48
HMP166	HASAGA_2018	49	GYRO	18.46	-67.28
HMP166	HASAGA_2018	52	GYRO	18.28	-67.25
HMP166	HASAGA_2018	55	GYRO	18.31	-67.21
HMP166	HASAGA_2018	58	GYRO	18.13	-67.1
HMP166	HASAGA_2018	61	GYRO	18.06	-67.03
HMP166	HASAGA_2018	64	GYRO	18.19	-67.1
HMP166	HASAGA_2018	67	GYRO	18.05	-66.98
HMP166	HASAGA_2018	70	GYRO	18.02	-66.96
HMP166	HASAGA_2018	73	GYRO	17.93	-66.9
HMP166	HASAGA_2018	76	GYRO	17.87	-66.88
HMP166	HASAGA_2018	79	GYRO	17.91	-66.72

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP166	HASAGA_2018	82	GYRO	17.85	-66.81
HMP166	HASAGA_2018	85	GYRO	17.75	-66.72
HMP166	HASAGA_2018	88	GYRO	18.04	-66.74
HMP166	HASAGA_2018	91	GYRO	18.02	-66.76
HMP166	HASAGA_2018	94	GYRO	17.99	-66.75
HMP166	HASAGA_2018	97	GYRO	18.09	-66.72
HMP166	HASAGA_2018	100	GYRO	17.69	-66.53
HMP166	HASAGA_2018	103	GYRO	17.68	-66.55
HMP166	HASAGA_2018	106	GYRO	17.58	-66.51
HMP166	HASAGA_2018	109	GYRO	17.55	-66.5
HMP166	HASAGA_2018	112	GYRO	17.64	-66.37
HMP166	HASAGA_2018	115	GYRO	17.56	-66.33
HMP166	HASAGA_2018	118	GYRO	17.52	-66.31
HMP166	HASAGA_2018	121	GYRO	17.49	-66.26
HMP166	HASAGA_2018	124	GYRO	17.41	-66.06
HMP166	HASAGA_2018	127	GYRO	17.46	-66.15
HMP166	HASAGA_2018	130	GYRO	17.37	-66.02
HMP166	HASAGA_2018	133	GYRO	17.3	-66.03
HMP166	HASAGA_2018	136	GYRO	17.37	-66.01
HMP166	HASAGA_2018	139	GYRO	17.19	-65.97
HMP166	HASAGA_2018	142	GYRO	17.09	-65.82
HMP166	HASAGA_2018	145	GYRO	16.93	-65.83
HMP166	HASAGA_2018	148	GYRO	16.73	-65.72
HMP166	HASAGA_2018	151	GYRO	16.63	-65.66
HMP166	HASAGA_2018	154	GYRO	16.62	-65.59
HMP166	HASAGA_2018	157	GYRO	16.55	-65.56
HMP166	HASAGA_2018	160	GYRO	16.43	-65.42
HMP166	HASAGA_2018	163	GYRO	16.43	-65.42
HMP166	HASAGA_2018	166	GYRO	16.47	-65.3
HMP166	HASAGA_2018	169	GYRO	16.42	-65.36
HMP166	HASAGA_2018	172	GYRO	16.26	-65.19
HMP166	HASAGA_2018	175	GYRO	16.24	-65.2
HMP166	HASAGA_2018	178	GYRO	16.27	-65.17
HMP166	HASAGA_2018	181	GYRO	16.19	-65.33
HMP166	HASAGA_2018	184	GYRO	16.19	-65.23
HMP166	HASAGA_2018	187	GYRO	16.12	-64.94
HMP166	HASAGA_2018	190	GYRO	16.13	-65.02
HMP166	HASAGA_2018	193	GYRO	16.13	-64.93
HMP166	HASAGA_2018	196	GYRO	16.22	-64.96
HMP166	HASAGA_2018	199	GYRO	16.04	-64.92
HMP166	HASAGA_2018	202	GYRO	16.11	-64.93
HMP166	HASAGA_2018	205	GYRO	15.88	-64.77
HMP166	HASAGA_2018	208	GYRO	15.93	-64.69
HMP166	HASAGA_2018	211	GYRO	15.8	-64.61
HMP166	HASAGA_2018	214	GYRO	15.79	-64.61
HMP166	HASAGA_2018	217	GYRO	15.68	-64.47
HMP166	HASAGA_2018	220	GYRO	15.7	-64.39
HMP166	HASAGA_2018	223	GYRO	15.73	-64.31
HMP166	HASAGA_2018	226	GYRO	15.72	-64.32
HMP166	HASAGA_2018	229	GYRO	15.62	-64.33
HMP166	HASAGA_2018	232	GYRO	15.47	-64.29
HMP166	HASAGA_2018	235	GYRO	15.66	-64.32
HMP166	HASAGA_2018	238	GYRO	15.3	-64.32
HMP166	HASAGA_2018	241	GYRO	15.49	-64.31
HMP166	HASAGA_2018	244	GYRO	15.27	-64.02

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP166	HASAGA_2018	247	GYRO	15.28	-64.14
HMP166	HASAGA_2018	250	GYRO	15.49	-64.12
HMP166	HASAGA_2018	253	GYRO	15.21	-64.08
HMP166	HASAGA_2018	256	GYRO	15.11	-64.04
HMP166	HASAGA_2018	259	GYRO	15.35	-63.8
HMP166	HASAGA_2018	262	GYRO	15.34	-63.81
HMP166	HASAGA_2018	265	GYRO	15.4	-63.81
HMP166	HASAGA_2018	268	GYRO	15.39	-63.74
HMP166	HASAGA_2018	271	GYRO	15.38	-63.37
HMP166	HASAGA_2018	274	GYRO	15.42	-63.16
HMP166	HASAGA_2018	277	GYRO	15.44	-62.92
HMP166	HASAGA_2018	280	GYRO	15.51	-62.82
HMP166	HASAGA_2018	283	GYRO	15.36	-62.72
HMP166	HASAGA_2018	286	GYRO	15.3	-62.54
HMP166	HASAGA_2018	289	GYRO	15.35	-62.41
HMP166	HASAGA_2018	292	GYRO	15.29	-62.24
HMP166	HASAGA_2018	295	GYRO	15.3	-62.04
HMP166	HASAGA_2018	298	GYRO	15.26	-62.05
HMP166	HASAGA_2018	301	GYRO	15.11	-62.02
HMP166	HASAGA_2018	304	GYRO	15.13	-61.78
HMP166	HASAGA_2018	307	GYRO	15.11	-61.73
HMP166	HASAGA_2018	310	GYRO	14.98	-61.64
HMP166	HASAGA_2018	313	GYRO	14.8	-61.45
HMP166	HASAGA_2018	316	GYRO	14.77	-61.33
HMP166	HASAGA_2018	319	GYRO	14.69	-61.31
HMP166	HASAGA_2018	322	GYRO	14.51	-61.27
HMP166	HASAGA_2018	325	GYRO	14.33	-61.09
HMP166	HASAGA_2018	328	GYRO	14.33	-60.98
HMP166	HASAGA_2018	331	GYRO	14.37	-60.86
HMP166	HASAGA_2018	334	GYRO	14.3	-60.74
HMP166	HASAGA_2018	337	GYRO	14.24	-60.67
HMP166	HASAGA_2018	340	GYRO	14.24	-60.61
HMP166	HASAGA_2018	343	GYRO	14.09	-60.39
HMP166	HASAGA_2018	346	GYRO	14.04	-60.29
HMP166	HASAGA_2018	349	GYRO	14.07	-60.32
HMP166	HASAGA_2018	352	GYRO	13.91	-60.25
HMP166	HASAGA_2018	355	GYRO	13.98	-60.13
HMP166	HASAGA_2018	358	GYRO	13.93	-60.1
HMP166	HASAGA_2018	361	GYRO	13.88	-60.04
HMP166	HASAGA_2018	364	GYRO	13.87	-60.04
HMP166	HASAGA_2018	367	GYRO	13.79	-59.93
HMP166	HASAGA_2018	370	GYRO	13.81	-59.81
HMP166	HASAGA_2018	373	GYRO	13.76	-59.81
HMP166	HASAGA_2018	376	GYRO	13.62	-59.67
HMP166	HASAGA_2018	379	GYRO	13.75	-59.58
HMP166	HASAGA_2018	382	GYRO	13.65	-59.58
HMP166	HASAGA_2018	385	GYRO	13.59	-59.47
HMP166	HASAGA_2018	388	GYRO	13.49	-59.57
HMP166	HASAGA_2018	391	GYRO	13.46	-59.45
HMP166	HASAGA_2018	394	GYRO	13.47	-59.31
HMP166	HASAGA_2018	397	GYRO	13.42	-59.26
HMP166	HASAGA_2018	400	GYRO	13.41	-59.15
HMP166	HASAGA_2018	403	GYRO	13.42	-58.99
HMP166	HASAGA_2018	406	GYRO	13.39	-58.85
HMP166	HASAGA_2018	409	GYRO	13.4	-58.78



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP166	HASAGA_2018	412	GYRO	13.46	-58.59
HMP166	HASAGA_2018	415	GYRO	13.52	-58.56
HMP166	HASAGA_2018	418	GYRO	13.57	-58.48
HMP166	HASAGA_2018	421	GYRO	13.56	-58.35
HMP166	HASAGA_2018	424	GYRO	13.59	-58.29
HMP166	HASAGA_2018	427	GYRO	13.57	-58.06
HMP166	HASAGA_2018	430	GYRO	13.57	-57.82
HMP166	HASAGA_2018	433	GYRO	13.62	-57.68
HMP166	HASAGA_2018	436	GYRO	13.59	-57.58
HMP166	HASAGA_2018	439	GYRO	13.51	-57.47
HMP166	HASAGA_2018	442	GYRO	13.58	-57.38
HMP166	HASAGA_2018	445	GYRO	13.49	-57.3
HMP166	HASAGA_2018	448	GYRO	13.52	-57.28
HMP166	HASAGA_2018	451	GYRO	13.41	-57.05
HMP166	HASAGA_2018	454	GYRO	13.41	-57.08
HMP166	HASAGA_2018	457	GYRO	13.47	-57.08
HMP166	HASAGA_2018	460	GYRO	13.34	-56.95
HMP166	HASAGA_2018	463	GYRO	13.57	-57.02
HMP166	HASAGA_2018	466	GYRO	13.36	-56.89
HMP166	HASAGA_2018	469	GYRO	13.47	-56.83
HMP166	HASAGA_2018	472	GYRO	13.32	-56.83
HMP166	HASAGA_2018	475	GYRO	13.48	-56.63
HMP166	HASAGA_2018	478	GYRO	13.41	-56.69
HMP166	HASAGA_2018	481	GYRO	13.45	-56.67
HMP166	HASAGA_2018	484	GYRO	13.44	-56.59
HMP166	HASAGA_2018	487	GYRO	13.61	-56.23
HMP166	HASAGA_2018	490	GYRO	13.46	-56.6
HMP166	HASAGA_2018	493	GYRO	13.32	-56.43
HMP166	HASAGA_2018	496	GYRO	13.3	-56.31
HMP166	HASAGA_2018	499	GYRO	13.28	-56.35
HMP166	HASAGA_2018	502	GYRO	13.16	-56.27
HMP166	HASAGA_2018	505	GYRO	13.18	-56.03
HMP166	HASAGA_2018	508	GYRO	12.99	-56.22
HMP167	HASAGA_2018	0	GYRO	337.34	-69.26
HMP167	HASAGA_2018	15	GYRO	337.34	-69.26
HMP167	HASAGA_2018	20	GYRO	337.59	-69.36
HMP167	HASAGA_2018	25	GYRO	337.61	-69.23
HMP167	HASAGA_2018	30	GYRO	337.48	-69.06
HMP167	HASAGA_2018	35	GYRO	337.55	-69.01
HMP167	HASAGA_2018	40	GYRO	337.46	-68.73
HMP167	HASAGA_2018	45	GYRO	337.37	-68.53
HMP167	HASAGA_2018	50	GYRO	337.3	-68.59
HMP167	HASAGA_2018	55	GYRO	337.46	-68.79
HMP167	HASAGA_2018	60	GYRO	337.31	-68.23
HMP167	HASAGA_2018	65	GYRO	337.32	-68.24
HMP167	HASAGA_2018	70	GYRO	337.35	-68.17
HMP167	HASAGA_2018	75	GYRO	337.11	-68.03
HMP167	HASAGA_2018	80	GYRO	337.43	-67.98
HMP167	HASAGA_2018	85	GYRO	337.34	-67.78
HMP167	HASAGA_2018	90	GYRO	337.19	-67.72
HMP167	HASAGA_2018	95	GYRO	337.32	-67.58
HMP167	HASAGA_2018	100	GYRO	337.34	-67.59
HMP167	HASAGA_2018	105	GYRO	337.15	-67.27
HMP167	HASAGA_2018	110	GYRO	336.99	-67.07
HMP167	HASAGA_2018	115	GYRO	337.26	-67.08

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP167	HASAGA_2018	120	GYRO	336.91	-67
HMP167	HASAGA_2018	125	GYRO	336.68	-66.88
HMP167	HASAGA_2018	130	GYRO	336.89	-66.84
HMP167	HASAGA_2018	135	GYRO	336.69	-66.7
HMP167	HASAGA_2018	140	GYRO	336.82	-66.69
HMP167	HASAGA_2018	145	GYRO	336.7	-66.69
HMP167	HASAGA_2018	150	GYRO	336.78	-66.61
HMP167	HASAGA_2018	155	GYRO	336.66	-66.6
HMP167	HASAGA_2018	160	GYRO	336.55	-66.48
HMP167	HASAGA_2018	165	GYRO	336.72	-66.54
HMP167	HASAGA_2018	170	GYRO	336.85	-66.39
HMP167	HASAGA_2018	175	GYRO	336.76	-66.24
HMP167	HASAGA_2018	180	GYRO	336.45	-66.17
HMP167	HASAGA_2018	185	GYRO	336.45	-66.03
HMP167	HASAGA_2018	190	GYRO	336.42	-65.95
HMP167	HASAGA_2018	195	GYRO	336.57	-65.93
HMP167	HASAGA_2018	200	GYRO	336.57	-65.94
HMP167	HASAGA_2018	205	GYRO	336.45	-65.78
HMP167	HASAGA_2018	210	GYRO	335.99	-65.7
HMP167	HASAGA_2018	215	GYRO	335.65	-65.56
HMP167	HASAGA_2018	220	GYRO	335.79	-65.56
HMP167	HASAGA_2018	225	GYRO	335.57	-65.41
HMP167	HASAGA_2018	230	GYRO	335.44	-65.19
HMP167	HASAGA_2018	235	GYRO	335.11	-65.19
HMP167	HASAGA_2018	240	GYRO	335.46	-64.89
HMP167	HASAGA_2018	245	GYRO	335.28	-64.35
HMP167	HASAGA_2018	250	GYRO	335.69	-63.9
HMP167	HASAGA_2018	255	GYRO	335.93	-63.33
HMP167	HASAGA_2018	260	GYRO	336.24	-62.96
HMP167	HASAGA_2018	265	GYRO	336.66	-62.73
HMP167	HASAGA_2018	270	GYRO	336.41	-62.38
HMP167	HASAGA_2018	275	GYRO	336.58	-62.19
HMP167	HASAGA_2018	280	Gyro	336.73	-62.05
HMP167	HASAGA_2018	285	GYRO	336.87	-61.97
HMP167	HASAGA_2018	290	GYRO	336.69	-61.95
HMP167	HASAGA_2018	295	GYRO	337.01	-61.89
HMP167	HASAGA_2018	300	GYRO	336.94	-61.87
HMP167	HASAGA_2018	305	GYRO	337.01	-61.57
HMP167	HASAGA_2018	310	GYRO	337.19	-61.43
HMP167	HASAGA_2018	315	GYRO	337.23	-61.37
HMP167	HASAGA_2018	320	GYRO	337.21	-61.27
HMP167	HASAGA_2018	325	GYRO	337.2	-61.21
HMP167	HASAGA_2018	330	GYRO	337.21	-61.25
HMP167	HASAGA_2018	335	GYRO	337.15	-61.11
HMP167	HASAGA_2018	340	GYRO	337.41	-60.94
HMP167	HASAGA_2018	345	GYRO	337.4	-60.88
HMP167	HASAGA_2018	350	GYRO	337.51	-60.78
HMP167	HASAGA_2018	355	GYRO	337.68	-60.71
HMP167	HASAGA_2018	360	GYRO	337.46	-60.75
HMP167	HASAGA_2018	365	GYRO	337.42	-60.69
HMP167	HASAGA_2018	370	GYRO	337.55	-60.67
HMP167	HASAGA_2018	375	GYRO	337.44	-60.49
HMP167	HASAGA_2018	380	GYRO	337.51	-60.43
HMP167	HASAGA_2018	385	GYRO	337.62	-60.23
HMP167	HASAGA_2018	390	GYRO	337.61	-60.29

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP167	HASAGA_2018	395	GYRO	337.64	-60.1
HMP167	HASAGA_2018	400	GYRO	337.69	-60.09
HMP167	HASAGA_2018	405	GYRO	337.72	-59.91
HMP167	HASAGA_2018	410	GYRO	337.78	-59.82
HMP167	HASAGA_2018	415	GYRO	337.7	-59.6
HMP167	HASAGA_2018	420	GYRO	337.94	-59.59
HMP167	HASAGA_2018	425	GYRO	337.83	-59.43
HMP167	HASAGA_2018	430	GYRO	337.67	-59.24
HMP167	HASAGA_2018	435	GYRO	337.88	-59.18
HMP167	HASAGA_2018	440	GYRO	337.86	-58.99
HMP167	HASAGA_2018	445	GYRO	338	-58.78
HMP167	HASAGA_2018	450	GYRO	338.19	-58.82
HMP167	HASAGA_2018	455	GYRO	338.03	-58.73
HMP167	HASAGA_2018	460	GYRO	338.1	-58.49
HMP167	HASAGA_2018	465	GYRO	338.13	-58.51
HMP167	HASAGA_2018	470	GYRO	338.21	-58.48
HMP167	HASAGA_2018	475	GYRO	338.29	-58.34
HMP167	HASAGA_2018	480	GYRO	338.21	-58.48
HMP167	HASAGA_2018	485	GYRO	338.36	-58.28
HMP167	HASAGA_2018	490	GYRO	338.35	-58.07
HMP167	HASAGA_2018	495	GYRO	338.42	-58.14
HMP167	HASAGA_2018	500	GYRO	338.37	-58.01
HMP167	HASAGA_2018	505	GYRO	338.25	-57.85
HMP167	HASAGA_2018	510	GYRO	338.25	-57.7
HMP167	HASAGA_2018	515	GYRO	338.35	-57.48
HMP167	HASAGA_2018	520	GYRO	338.4	-57.28
HMP167	HASAGA_2018	525	GYRO	338.67	-56.82
HMP167	HASAGA_2018	530	GYRO	338.93	-56.7
HMP167	HASAGA_2018	535	GYRO	339.18	-56.52
HMP167	HASAGA_2018	540	GYRO	339.49	-56.51
HMP167	HASAGA_2018	545	GYRO	339.81	-56.32
HMP167	HASAGA_2018	550	GYRO	340.11	-56.13
HMP167	HASAGA_2018	555	GYRO	340.26	-56.08
HMP167	HASAGA_2018	560	GYRO	340.64	-55.98
HMP167	HASAGA_2018	565	GYRO	340.91	-55.9
HMP167	HASAGA_2018	570	GYRO	341.17	-55.93
HMP167	HASAGA_2018	575	GYRO	341.68	-55.67
HMP167	HASAGA_2018	580	GYRO	342.13	-55.59
HMP167	HASAGA_2018	585	GYRO	342.33	-55.43
HMP167	HASAGA_2018	590	GYRO	342.48	-55.42
HMP167	HASAGA_2018	595	GYRO	343.16	-55.24
HMP167	HASAGA_2018	600	GYRO	343.62	-55.09
HMP167	HASAGA_2018	605	GYRO	344.1	-55.03
HMP167	HASAGA_2018	610	GYRO	344.29	-54.93
HMP167	HASAGA_2018	615	GYRO	344.55	-54.85
HMP167	HASAGA_2018	620	GYRO	344.89	-54.69
HMP167	HASAGA_2018	625	GYRO	345.12	-54.61
HMP167	HASAGA_2018	630	GYRO	345.47	-54.58
HMP167	HASAGA_2018	635	GYRO	345.76	-54.52
HMP167	HASAGA_2018	640	GYRO	345.94	-54.33
HMP167	HASAGA_2018	645	GYRO	346.39	-54.13
HMP167	HASAGA_2018	650	GYRO	346.55	-54.12
HMP167	HASAGA_2018	655	GYRO	346.77	-54.03
HMP167	HASAGA_2018	660	GYRO	347.29	-53.76
HMP167	HASAGA_2018	665	GYRO	347.6	-53.59

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP167	HASAGA_2018	670	GYRO	347.99	-53.48
HMP167	HASAGA_2018	675	GYRO	348.3	-53.37
HMP167	HASAGA_2018	680	GYRO	348.63	-53.31
HMP167	HASAGA_2018	685	GYRO	348.89	-53.04
HMP167	HASAGA_2018	690	GYRO	349.31	-52.96
HMP167	HASAGA_2018	695	GYRO	349.63	-52.89
HMP167	HASAGA_2018	700	GYRO	349.91	-52.7
HMP167	HASAGA_2018	705	GYRO	350.09	-52.65
HMP167	HASAGA_2018	710	GYRO	350.42	-52.56
HMP167	HASAGA_2018	715	GYRO	350.65	-52.36
HMP167	HASAGA_2018	720	GYRO	350.94	-52.25
HMP167	HASAGA_2018	725	GYRO	351.24	-52.13
HMP167	HASAGA_2018	730	GYRO	351.59	-51.92
HMP167	HASAGA_2018	740	GYRO	351.93	-51.01
HMP167	HASAGA_2018	745	GYRO	352.14	-50.86
HMP167	HASAGA_2018	750	GYRO	352.33	-50.77
HMP167	HASAGA_2018	755	GYRO	352.47	-50.7
HMP167	HASAGA_2018	760	GYRO	352.68	-50.5
HMP167	HASAGA_2018	765	GYRO	353.2	-50.33
HMP167	HASAGA_2018	770	GYRO	353.51	-50.19
HMP167	HASAGA_2018	775	GYRO	353.71	-50.16
HMP167	HASAGA_2018	780	GYRO	353.93	-49.89
HMP167	HASAGA_2018	785	GYRO	354.15	-49.84
HMP167	HASAGA_2018	790	GYRO	354.38	-49.64
HMP167	HASAGA_2018	795	GYRO	354.53	-49.61
HMP167	HASAGA_2018	800	GYRO	354.72	-49.57
HMP167	HASAGA_2018	805	GYRO	355.07	-49.07
HMP167	HASAGA_2018	810	GYRO	355.29	-49.25
HMP167	HASAGA_2018	815	GYRO	355.57	-49.1
HMP167	HASAGA_2018	820	GYRO	355.89	-49.02
HMP167	HASAGA_2018	825	GYRO	356.3	-48.92
HMP167	HASAGA_2018	830	GYRO	356.36	-48.87
HMP167	HASAGA_2018	835	GYRO	356.75	-48.71
HMP167	HASAGA_2018	840	GYRO	357	-48.66
HMP167	HASAGA_2018	845	GYRO	357.35	-48.53
HMP167	HASAGA_2018	850	GYRO	356.95	-48.63
HMP168	HASAGA_2018	0	GYRO	6.55	-68.32
HMP168	HASAGA_2018	5	GYRO	6.57	-67.95
HMP168	HASAGA_2018	10	GYRO	6.31	-67.94
HMP168	HASAGA_2018	15	GYRO	6.66	-67.93
HMP168	HASAGA_2018	20	GYRO	6.8	-67.92
HMP168	HASAGA_2018	25	GYRO	6.82	-67.86
HMP168	HASAGA_2018	30	GYRO	6.74	-67.85
HMP168	HASAGA_2018	35	GYRO	6.78	-67.74
HMP168	HASAGA_2018	40	GYRO	6.9	-67.76
HMP168	HASAGA_2018	45	GYRO	6.76	-67.66
HMP168	HASAGA_2018	50	GYRO	6.78	-67.5
HMP168	HASAGA_2018	55	GYRO	6.83	-67.43
HMP168	HASAGA_2018	60	GYRO	6.83	-67.33
HMP168	HASAGA_2018	65	GYRO	6.82	-67.28
HMP168	HASAGA_2018	70	GYRO	6.73	-67.26
HMP168	HASAGA_2018	75	GYRO	6.87	-67.24
HMP168	HASAGA_2018	80	GYRO	6.75	-67.18
HMP168	HASAGA_2018	85	GYRO	6.88	-67.11
HMP168	HASAGA_2018	90	GYRO	6.81	-67.12

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP168	HASAGA_2018	95	GYRO	6.95	-67.04
HMP168	HASAGA_2018	100	GYRO	6.93	-66.98
HMP168	HASAGA_2018	105	GYRO	6.91	-66.9
HMP168	HASAGA_2018	110	GYRO	6.84	-66.79
HMP168	HASAGA_2018	115	GYRO	6.88	-66.67
HMP168	HASAGA_2018	120	GYRO	6.7	-66.65
HMP168	HASAGA_2018	125	GYRO	6.84	-66.56
HMP168	HASAGA_2018	130	GYRO	6.77	-66.43
HMP168	HASAGA_2018	135	GYRO	6.59	-66.42
HMP168	HASAGA_2018	140	GYRO	6.59	-66.33
HMP168	HASAGA_2018	145	GYRO	6.36	-66.22
HMP168	HASAGA_2018	150	GYRO	6.5	-66
HMP168	HASAGA_2018	155	GYRO	6.4	-65.98
HMP168	HASAGA_2018	160	GYRO	6.38	-65.74
HMP168	HASAGA_2018	165	GYRO	6.39	-65.65
HMP168	HASAGA_2018	170	GYRO	6.3	-65.53
HMP168	HASAGA_2018	175	GYRO	6.03	-65.42
HMP168	HASAGA_2018	180	GYRO	6.1	-65.33
HMP168	HASAGA_2018	185	GYRO	6.01	-65.27
HMP168	HASAGA_2018	190	GYRO	6.03	-65.13
HMP168	HASAGA_2018	195	GYRO	5.91	-65.07
HMP168	HASAGA_2018	200	GYRO	5.98	-64.94
HMP168	HASAGA_2018	205	GYRO	5.86	-64.84
HMP168	HASAGA_2018	210	GYRO	5.77	-64.62
HMP168	HASAGA_2018	215	GYRO	5.64	-64.4
HMP168	HASAGA_2018	220	GYRO	5.62	-64.27
HMP168	HASAGA_2018	225	GYRO	5.49	-64.19
HMP168	HASAGA_2018	230	GYRO	5.34	-64.12
HMP168	HASAGA_2018	235	GYRO	5.13	-63.97
HMP168	HASAGA_2018	240	GYRO	4.81	-63.84
HMP168	HASAGA_2018	245	GYRO	5.69	-63.69
HMP168	HASAGA_2018	250	GYRO	5.74	-63.53
HMP168	HASAGA_2018	255	GYRO	5.63	-63.41
HMP168	HASAGA_2018	260	GYRO	5.53	-63.24
HMP168	HASAGA_2018	265	GYRO	5.59	-63.26
HMP168	HASAGA_2018	270	GYRO	5.57	-63.05
HMP168	HASAGA_2018	275	GYRO	5.67	-63.05
HMP168	HASAGA_2018	280	GYRO	5.63	-62.84
HMP168	HASAGA_2018	285	GYRO	5.69	-62.59
HMP168	HASAGA_2018	290	GYRO	5.64	-62.61
HMP168	HASAGA_2018	295	GYRO	5.84	-62.57
HMP168	HASAGA_2018	300	GYRO	5.61	-62.4
HMP168	HASAGA_2018	305	GYRO	5.74	-62.2
HMP168	HASAGA_2018	310	GYRO	5.62	-62.08
HMP168	HASAGA_2018	315	GYRO	5.57	-61.86
HMP168	HASAGA_2018	320	GYRO	5.56	-61.68
HMP168	HASAGA_2018	325	GYRO	5.4	-61.56
HMP168	HASAGA_2018	330	GYRO	5.32	-61.41
HMP168	HASAGA_2018	335	GYRO	5.33	-61.17
HMP168	HASAGA_2018	340	GYRO	5.26	-61.17
HMP168	HASAGA_2018	345	GYRO	5.17	-61.02
HMP168	HASAGA_2018	350	GYRO	5.21	-60.86
HMP168	HASAGA_2018	355	GYRO	5.23	-60.82
HMP168	HASAGA_2018	360	GYRO	5.4	-60.68
HMP168	HASAGA_2018	365	GYRO	5.4	-60.64

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP168	HASAGA_2018	370	GYRO	5.49	-60.58
HMP168	HASAGA_2018	375	GYRO	5.6	-60.46
HMP168	HASAGA_2018	380	GYRO	5.62	-60.13
HMP168	HASAGA_2018	385	GYRO	5.7	-60.11
HMP168	HASAGA_2018	390	GYRO	5.81	-59.75
HMP168	HASAGA_2018	395	GYRO	5.83	-59.47
HMP168	HASAGA_2018	400	GYRO	5.91	-59.45
HMP168	HASAGA_2018	405	GYRO	5.91	-59.19
HMP168	HASAGA_2018	410	GYRO	5.88	-59
HMP168	HASAGA_2018	415	GYRO	5.9	-59.07
HMP168	HASAGA_2018	420	GYRO	5.85	-58.97
HMP168	HASAGA_2018	425	GYRO	5.87	-58.89
HMP168	HASAGA_2018	430	GYRO	5.89	-58.78
HMP168	HASAGA_2018	435	GYRO	5.82	-58.64
HMP168	HASAGA_2018	440	GYRO	5.89	-58.56
HMP168	HASAGA_2018	445	GYRO	5.82	-58.54
HMP168	HASAGA_2018	450	GYRO	5.91	-58.37
HMP168	HASAGA_2018	455	GYRO	6.04	-58.18
HMP168	HASAGA_2018	460	GYRO	5.96	-57.96
HMP168	HASAGA_2018	465	GYRO	6	-58.02
HMP168	HASAGA_2018	470	GYRO	5.84	-57.94
HMP168	HASAGA_2018	475	GYRO	5.92	-57.8
HMP168	HASAGA_2018	480	GYRO	5.97	-57.53
HMP168	HASAGA_2018	485	GYRO	5.2	-57.08
HMP169	HASAGA_2018	0	GYRO	344.84	-77.12
HMP169	HASAGA_2018	5	GYRO	344.64	-77.27
HMP169	HASAGA_2018	10	GYRO	344.97	-77.32
HMP169	HASAGA_2018	15	GYRO	344.56	-76.69
HMP169	HASAGA_2018	20	GYRO	344.55	-76.99
HMP169	HASAGA_2018	25	GYRO	344.46	-76.96
HMP169	HASAGA_2018	30	Gyro	344.49	-76.76
HMP169	HASAGA_2018	35	GYRO	344.56	-76.63
HMP169	HASAGA_2018	40	GYRO	344.51	-76.55
HMP169	HASAGA_2018	45	GYRO	344.41	-76.47
HMP169	HASAGA_2018	50	GYRO	344.31	-76.41
HMP169	HASAGA_2018	55	GYRO	344.29	-76.39
HMP169	HASAGA_2018	60	GYRO	344.78	-76.31
HMP169	HASAGA_2018	65	GYRO	344.47	-76.32
HMP169	HASAGA_2018	70	GYRO	344.31	-76.33
HMP169	HASAGA_2018	75	GYRO	344.7	-76.29
HMP169	HASAGA_2018	80	GYRO	344.51	-76.11
HMP169	HASAGA_2018	85	GYRO	344.24	-76.04
HMP169	HASAGA_2018	90	GYRO	344.06	-75.98
HMP169	HASAGA_2018	95	GYRO	343.88	-75.88
HMP169	HASAGA_2018	100	GYRO	343.86	-75.64
HMP169	HASAGA_2018	105	GYRO	343.64	-75.62
HMP169	HASAGA_2018	110	GYRO	343.4	-75.62
HMP169	HASAGA_2018	115	GYRO	343.83	-75.48
HMP169	HASAGA_2018	120	GYRO	343.35	-75.41
HMP169	HASAGA_2018	125	GYRO	343.8	-75.32
HMP169	HASAGA_2018	130	GYRO	343.36	-75.27
HMP169	HASAGA_2018	135	GYRO	343.48	-75.31
HMP169	HASAGA_2018	140	GYRO	343.31	-75.12
HMP169	HASAGA_2018	145	GYRO	343.26	-75.16
HMP169	HASAGA_2018	150	GYRO	342.75	-75.11

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169	HASAGA_2018	155	GYRO	343.03	-74.96
HMP169	HASAGA_2018	160	GYRO	342.55	-74.95
HMP169	HASAGA_2018	165	GYRO	342.64	-74.77
HMP169	HASAGA_2018	170	GYRO	342.27	-74.74
HMP169	HASAGA_2018	175	GYRO	342.38	-74.55
HMP169	HASAGA_2018	180	GYRO	342.26	-74.52
HMP169	HASAGA_2018	185	GYRO	342.27	-74.34
HMP169	HASAGA_2018	190	GYRO	342.17	-74.43
HMP169	HASAGA_2018	195	GYRO	342.09	-74.26
HMP169	HASAGA_2018	200	GYRO	342.41	-74.15
HMP169	HASAGA_2018	205	GYRO	341.54	-74.12
HMP169	HASAGA_2018	210	GYRO	342.1	-73.99
HMP169	HASAGA_2018	215	GYRO	341.64	-73.98
HMP169	HASAGA_2018	220	GYRO	341.68	-73.84
HMP169	HASAGA_2018	225	GYRO	341.63	-73.83
HMP169	HASAGA_2018	230	GYRO	341.64	-73.63
HMP169	HASAGA_2018	235	GYRO	341.84	-73.62
HMP169	HASAGA_2018	240	GYRO	341.61	-73.42
HMP169	HASAGA_2018	245	GYRO	341.8	-73.46
HMP169	HASAGA_2018	250	GYRO	341.74	-73.27
HMP169	HASAGA_2018	255	GYRO	341.78	-73.25
HMP169	HASAGA_2018	260	GYRO	341.77	-73.13
HMP169	HASAGA_2018	265	GYRO	341.95	-73.16
HMP169	HASAGA_2018	270	GYRO	341.66	-73.05
HMP169	HASAGA_2018	275	GYRO	342.02	-73.13
HMP169	HASAGA_2018	280	GYRO	341.65	-72.91
HMP169	HASAGA_2018	285	GYRO	342.4	-72.86
HMP169	HASAGA_2018	290	GYRO	341.82	-72.69
HMP169	HASAGA_2018	295	GYRO	342.27	-72.6
HMP169	HASAGA_2018	300	GYRO	342.5	-72.43
HMP169	HASAGA_2018	305	GYRO	342.11	-72.41
HMP169	HASAGA_2018	310	GYRO	342.4	-72.29
HMP169	HASAGA_2018	315	GYRO	342.53	-71.97
HMP169	HASAGA_2018	320	GYRO	342.82	-71.85
HMP169	HASAGA_2018	325	GYRO	342.8	-71.55
HMP169	HASAGA_2018	330	GYRO	343.29	-71.38
HMP169	HASAGA_2018	335	GYRO	343.12	-71.17
HMP169	HASAGA_2018	340	GYRO	343.44	-70.82
HMP169	HASAGA_2018	345	GYRO	343.32	-70.81
HMP169	HASAGA_2018	350	GYRO	343.55	-70.67
HMP169	HASAGA_2018	355	GYRO	343.4	-70.59
HMP169	HASAGA_2018	360	GYRO	343.92	-70.36
HMP169	HASAGA_2018	365	GYRO	343.6	-70.3
HMP169	HASAGA_2018	370	GYRO	343.97	-70.23
HMP169	HASAGA_2018	375	GYRO	343.69	-70.15
HMP169	HASAGA_2018	380	GYRO	343.92	-70.08
HMP169	HASAGA_2018	385	GYRO	343.79	-70.02
HMP169	HASAGA_2018	390	GYRO	344.15	-69.93
HMP169	HASAGA_2018	395	GYRO	343.81	-69.87
HMP169	HASAGA_2018	400	GYRO	343.96	-69.66
HMP169	HASAGA_2018	405	GYRO	343.81	-69.56
HMP169	HASAGA_2018	410	GYRO	343.93	-69.57
HMP169	HASAGA_2018	415	GYRO	343.91	-69.36
HMP169	HASAGA_2018	420	GYRO	343.98	-69.4
HMP169	HASAGA_2018	425	GYRO	343.83	-69.21

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169	HASAGA_2018	430	GYRO	343.9	-69.11
HMP169	HASAGA_2018	435	GYRO	343.93	-68.76
HMP169	HASAGA_2018	440	GYRO	343.75	-68.62
HMP169	HASAGA_2018	445	GYRO	344.12	-68.33
HMP169	HASAGA_2018	450	GYRO	344.02	-68.12
HMP169	HASAGA_2018	455	GYRO	344.31	-67.94
HMP169	HASAGA_2018	460	GYRO	344.26	-67.52
HMP169	HASAGA_2018	465	GYRO	344.13	-67.37
HMP169	HASAGA_2018	470	GYRO	344.28	-67.19
HMP169	HASAGA_2018	475	GYRO	344.35	-66.99
HMP169	HASAGA_2018	480	GYRO	344.18	-66.92
HMP169	HASAGA_2018	485	GYRO	344.52	-66.88
HMP169	HASAGA_2018	490	GYRO	344.45	-66.7
HMP169	HASAGA_2018	495	GYRO	344.43	-66.48
HMP169	HASAGA_2018	500	GYRO	344.99	-66.11
HMP169	HASAGA_2018	505	GYRO	344.71	-66.02
HMP169	HASAGA_2018	510	GYRO	344.85	-65.87
HMP169	HASAGA_2018	515	GYRO	344.84	-65.79
HMP169	HASAGA_2018	520	GYRO	345.02	-65.73
HMP169	HASAGA_2018	525	GYRO	345.14	-65.58
HMP169	HASAGA_2018	530	GYRO	345.08	-65.5
HMP169	HASAGA_2018	535	GYRO	345.15	-65.42
HMP169	HASAGA_2018	540	GYRO	345.45	-65.27
HMP169	HASAGA_2018	545	GYRO	345.23	-65.11
HMP169	HASAGA_2018	550	GYRO	345.23	-65.11
HMP169	HASAGA_2018	555	GYRO	345.31	-65.04
HMP169	HASAGA_2018	560	GYRO	345.36	-65
HMP169	HASAGA_2018	565	GYRO	345.54	-64.88
HMP169	HASAGA_2018	570	GYRO	345.37	-64.8
HMP169	HASAGA_2018	575	GYRO	345.42	-64.75
HMP169	HASAGA_2018	580	GYRO	345.45	-64.65
HMP169	HASAGA_2018	585	GYRO	345.69	-64.43
HMP169	HASAGA_2018	590	GYRO	345.53	-64.35
HMP169	HASAGA_2018	595	GYRO	345.52	-64.3
HMP169	HASAGA_2018	600	GYRO	345.61	-64.18
HMP169	HASAGA_2018	605	GYRO	345.52	-64.12
HMP169	HASAGA_2018	610	GYRO	345.67	-63.98
HMP169	HASAGA_2018	615	GYRO	345.58	-63.97
HMP169	HASAGA_2018	620	GYRO	345.66	-63.83
HMP169	HASAGA_2018	625	GYRO	345.59	-63.82
HMP169	HASAGA_2018	630	GYRO	345.87	-63.67
HMP169	HASAGA_2018	635	GYRO	345.68	-63.54
HMP169	HASAGA_2018	640	GYRO	345.57	-63.51
HMP169	HASAGA_2018	645	GYRO	345.65	-63.45
HMP169	HASAGA_2018	650	GYRO	345.9	-63.28
HMP169	HASAGA_2018	655	GYRO	345.89	-63.15
HMP169	HASAGA_2018	660	GYRO	345.91	-63.07
HMP169	HASAGA_2018	665	GYRO	346	-63.13
HMP169	HASAGA_2018	670	GYRO	346.19	-62.97
HMP169	HASAGA_2018	675	GYRO	346.11	-62.98
HMP169	HASAGA_2018	680	GYRO	346.14	-62.91
HMP169	HASAGA_2018	685	GYRO	346.29	-62.82
HMP169	HASAGA_2018	690	GYRO	346.36	-62.76
HMP169	HASAGA_2018	695	GYRO	346.33	-62.68
HMP169	HASAGA_2018	700	GYRO	346.36	-62.61



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169	HASAGA_2018	705	GYRO	346.38	-62.55
HMP169	HASAGA_2018	710	GYRO	346.26	-62.51
HMP169	HASAGA_2018	715	GYRO	346.28	-62.36
HMP169	HASAGA_2018	720	GYRO	346.16	-62.38
HMP169	HASAGA_2018	725	GYRO	346.19	-62.22
HMP169	HASAGA_2018	730	GYRO	346.33	-61.97
HMP169	HASAGA_2018	735	GYRO	346.73	-61.73
HMP169	HASAGA_2018	740	GYRO	346.72	-61.44
HMP169	HASAGA_2018	745	GYRO	346.81	-61.2
HMP169	HASAGA_2018	750	GYRO	346.76	-61.04
HMP169	HASAGA_2018	755	GYRO	346.6	-60.97
HMP169	HASAGA_2018	760	GYRO	346.73	-60.9
HMP169	HASAGA_2018	765	GYRO	346.69	-60.79
HMP169	HASAGA_2018	770	GYRO	346.58	-60.73
HMP169	HASAGA_2018	775	GYRO	346.5	-60.67
HMP169	HASAGA_2018	780	GYRO	346.47	-60.64
HMP169	HASAGA_2018	785	GYRO	346.57	-60.59
HMP169	HASAGA_2018	790	GYRO	346.55	-60.58
HMP169	HASAGA_2018	795	GYRO	346.54	-60.58
HMP169	HASAGA_2018	800	GYRO	346.57	-60.44
HMP169	HASAGA_2018	805	GYRO	346.57	-60.45
HMP169	HASAGA_2018	810	GYRO	346.53	-60.33
HMP169	HASAGA_2018	815	GYRO	346.55	-60.25
HMP169	HASAGA_2018	820	GYRO	346.63	-60.08
HMP169	HASAGA_2018	825	GYRO	346.51	-59.86
HMP169	HASAGA_2018	830	GYRO	346.55	-59.7
HMP169	HASAGA_2018	835	GYRO	346.5	-59.63
HMP169	HASAGA_2018	840	GYRO	346.51	-59.55
HMP169	HASAGA_2018	845	GYRO	346.41	-59.46
HMP169	HASAGA_2018	850	GYRO	346.28	-59.22
HMP169	HASAGA_2018	855	GYRO	346.25	-58.98
HMP169	HASAGA_2018	860	GYRO	346.13	-58.74
HMP169	HASAGA_2018	865	GYRO	345.94	-58.5
HMP169	HASAGA_2018	870	GYRO	345.76	-58.25
HMP169	HASAGA_2018	875	GYRO	345.66	-58.03
HMP169	HASAGA_2018	880	GYRO	345.6	-57.86
HMP169	HASAGA_2018	885	GYRO	345.67	-57.7
HMP169	HASAGA_2018	890	GYRO	345.83	-57.53
HMP169	HASAGA_2018	895	GYRO	345.82	-57.45
HMP169	HASAGA_2018	900	GYRO	345.78	-57.26
HMP169	HASAGA_2018	905	GYRO	345.77	-57.29
HMP169	HASAGA_2018	910	GYRO	345.6	-57.36
HMP169	HASAGA_2018	915	GYRO	345.41	-57.2
HMP169	HASAGA_2018	920	GYRO	345.3	-57.2
HMP169	HASAGA_2018	925	GYRO	345.34	-57.05
HMP169	HASAGA_2018	930	GYRO	345.34	-56.99
HMP169	HASAGA_2018	935	GYRO	345.35	-56.96
HMP169	HASAGA_2018	940	GYRO	345.41	-56.88
HMP169	HASAGA_2018	945	GYRO	345.37	-56.89
HMP169	HASAGA_2018	950	GYRO	345.39	-56.78
HMP169	HASAGA_2018	955	GYRO	345.39	-56.73
HMP169	HASAGA_2018	960	GYRO	345.37	-56.65
HMP169	HASAGA_2018	965	GYRO	345.38	-56.65
HMP169	HASAGA_2018	970	GYRO	345.38	-56.56
HMP169	HASAGA_2018	975	GYRO	345.34	-56.48

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169	HASAGA_2018	980	GYRO	345.33	-56.46
HMP169	HASAGA_2018	985	GYRO	345.28	-56.3
HMP169	HASAGA_2018	990	GYRO	345.22	-56.27
HMP169	HASAGA_2018	995	GYRO	345.26	-56.14
HMP169	HASAGA_2018	1000	GYRO	345.3	-56.06
HMP169	HASAGA_2018	1005	GYRO	345.25	-55.98
HMP169	HASAGA_2018	1010	GYRO	345.42	-55.97
HMP169	HASAGA_2018	1015	GYRO	345.36	-55.83
HMP169	HASAGA_2018	1020	GYRO	345.39	-55.75
HMP169	HASAGA_2018	1025	GYRO	345.33	-55.64
HMP169	HASAGA_2018	1030	GYRO	345.35	-55.64
HMP169	HASAGA_2018	1035	GYRO	345.34	-55.54
HMP169	HASAGA_2018	1040	GYRO	345.31	-55.4
HMP169	HASAGA_2018	1045	GYRO	345.35	-55.3
HMP169	HASAGA_2018	1050	GYRO	345.28	-55.24
HMP169	HASAGA_2018	1055	GYRO	345.28	-55.21
HMP169	HASAGA_2018	1060	GYRO	345.31	-55.2
HMP169	HASAGA_2018	1065	GYRO	345.3	-55.14
HMP169	HASAGA_2018	1070	GYRO	345.33	-55.06
HMP169	HASAGA_2018	1075	GYRO	345.41	-55.03
HMP169	HASAGA_2018	1080	GYRO	345.41	-54.97
HMP169	HASAGA_2018	1085	GYRO	345.41	-54.91
HMP169	HASAGA_2018	1090	GYRO	345.42	-54.97
HMP169	HASAGA_2018	1095	GYRO	345.26	-54.97
HMP169	HASAGA_2018	1100	GYRO	345.36	-54.82
HMP169	HASAGA_2018	1105	GYRO	345.35	-54.82
HMP169	HASAGA_2018	1110	GYRO	345.48	-54.81
HMP169	HASAGA_2018	1115	GYRO	345.57	-54.82
HMP169	HASAGA_2018	1120	GYRO	345.65	-54.72
HMP169	HASAGA_2018	1125	GYRO	345.6	-54.53
HMP169	HASAGA_2018	1130	GYRO	345.59	-54.47
HMP169	HASAGA_2018	1135	GYRO	345.65	-54.39
HMP169	HASAGA_2018	1140	GYRO	345.65	-54.38
HMP169	HASAGA_2018	1145	GYRO	345.66	-54.39
HMP169	HASAGA_2018	1150	GYRO	345.63	-54.32
HMP169	HASAGA_2018	1155	GYRO	345.7	-54.3
HMP169	HASAGA_2018	1160	GYRO	345.69	-54.23
HMP169	HASAGA_2018	1165	GYRO	345.77	-54.21
HMP169	HASAGA_2018	1170	GYRO	345.73	-54.2
HMP169	HASAGA_2018	1175	GYRO	345.74	-54.08
HMP169	HASAGA_2018	1180	GYRO	345.72	-54.12
HMP169	HASAGA_2018	1185	GYRO	345.82	-54.13
HMP169	HASAGA_2018	1190	GYRO	345.84	-54.1
HMP169	HASAGA_2018	1195	GYRO	345.85	-53.96
HMP169	HASAGA_2018	1200	GYRO	345.96	-53.86
HMP169	HASAGA_2018	1205	GYRO	345.86	-53.79
HMP169	HASAGA_2018	1210	GYRO	345.86	-53.77
HMP169	HASAGA_2018	1215	GYRO	345.9	-53.76
HMP169	HASAGA_2018	1220	GYRO	345.94	-53.62
HMP169	HASAGA_2018	1225	GYRO	345.86	-53.6
HMP169	HASAGA_2018	1230	GYRO	345.89	-53.56
HMP169	HASAGA_2018	1235	GYRO	345.81	-53.51
HMP169	HASAGA_2018	1240	GYRO	345.89	-53.45
HMP169	HASAGA_2018	1245	GYRO	345.84	-53.45
HMP169	HASAGA_2018	1250	GYRO	345.89	-53.34

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169	HASAGA_2018	1255	GYRO	345.82	-53.27
HMP169	HASAGA_2018	1260	GYRO	345.77	-53.25
HMP169	HASAGA_2018	1265	GYRO	345.77	-53.18
HMP169	HASAGA_2018	1270	GYRO	345.75	-53.12
HMP169	HASAGA_2018	1275	GYRO	345.77	-53.12
HMP169	HASAGA_2018	1280	GYRO	345.77	-53.01
HMP169	HASAGA_2018	1285	GYRO	345.75	-52.91
HMP169	HASAGA_2018	1290	GYRO	345.68	-52.84
HMP169	HASAGA_2018	1295	GYRO	345.63	-52.77
HMP169	HASAGA_2018	1300	GYRO	345.65	-52.74
HMP169	HASAGA_2018	1305	GYRO	345.59	-52.73
HMP169	HASAGA_2018	1310	GYRO	345.58	-52.65
HMP169	HASAGA_2018	1315	GYRO	345.61	-52.58
HMP169w1	HASAGA_2018	0	GYRO	344.84	-77.12
HMP169w1	HASAGA_2018	3	GYRO	343.34	-77.28
HMP169w1	HASAGA_2018	6	GYRO	343.48	-77.17
HMP169w1	HASAGA_2018	9	GYRO	343.45	-77.17
HMP169w1	HASAGA_2018	12	GYRO	343.62	-77.1
HMP169w1	HASAGA_2018	15	GYRO	343.58	-77.11
HMP169w1	HASAGA_2018	18	GYRO	344.55	-77
HMP169w1	HASAGA_2018	21	GYRO	344.05	-76.95
HMP169w1	HASAGA_2018	24	GYRO	343.86	-76.86
HMP169w1	HASAGA_2018	27	GYRO	344.12	-76.75
HMP169w1	HASAGA_2018	30	GYRO	344.09	-76.69
HMP169w1	HASAGA_2018	33	GYRO	344.23	-76.68
HMP169w1	HASAGA_2018	36	GYRO	344.31	-76.61
HMP169w1	HASAGA_2018	39	GYRO	344.45	-76.53
HMP169w1	HASAGA_2018	42	GYRO	344.43	-76.54
HMP169w1	HASAGA_2018	45	GYRO	344.06	-76.51
HMP169w1	HASAGA_2018	48	GYRO	344.36	-76.5
HMP169w1	HASAGA_2018	51	GYRO	344.22	-76.55
HMP169w1	HASAGA_2018	54	GYRO	344.67	-76.41
HMP169w1	HASAGA_2018	57	GYRO	344.98	-76.47
HMP169w1	HASAGA_2018	60	GYRO	345.38	-76.46
HMP169w1	HASAGA_2018	63	GYRO	345.58	-76.37
HMP169w1	HASAGA_2018	66	GYRO	345.45	-76.33
HMP169w1	HASAGA_2018	69	GYRO	345.35	-76.34
HMP169w1	HASAGA_2018	72	GYRO	345.19	-76.27
HMP169w1	HASAGA_2018	75	GYRO	345.13	-76.19
HMP169w1	HASAGA_2018	78	GYRO	345.25	-76.19
HMP169w1	HASAGA_2018	81	GYRO	345.06	-76.12
HMP169w1	HASAGA_2018	84	GYRO	344.79	-76.12
HMP169w1	HASAGA_2018	87	GYRO	344.91	-75.97
HMP169w1	HASAGA_2018	90	GYRO	344.89	-75.82
HMP169w1	HASAGA_2018	93	GYRO	344.83	-75.82
HMP169w1	HASAGA_2018	96	GYRO	344.66	-75.75
HMP169w1	HASAGA_2018	99	GYRO	344.15	-75.73
HMP169w1	HASAGA_2018	102	GYRO	344.85	-75.7
HMP169w1	HASAGA_2018	105	GYRO	344.76	-75.56
HMP169w1	HASAGA_2018	108	GYRO	344.53	-75.56
HMP169w1	HASAGA_2018	111	GYRO	344.77	-75.49
HMP169w1	HASAGA_2018	114	GYRO	344.68	-75.55
HMP169w1	HASAGA_2018	117	GYRO	344.27	-75.42
HMP169w1	HASAGA_2018	120	GYRO	344.51	-75.41
HMP169w1	HASAGA_2018	123	GYRO	344.46	-75.34

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w1	HASAGA_2018	126	GYRO	344.58	-75.27
HMP169w1	HASAGA_2018	129	GYRO	344.29	-75.27
HMP169w1	HASAGA_2018	132	GYRO	344.21	-75.27
HMP169w1	HASAGA_2018	135	GYRO	344.24	-75.2
HMP169w1	HASAGA_2018	138	GYRO	343.88	-75.21
HMP169w1	HASAGA_2018	141	GYRO	344.18	-75.2
HMP169w1	HASAGA_2018	144	GYRO	344.21	-75.13
HMP169w1	HASAGA_2018	147	GYRO	343.82	-75.12
HMP169w1	HASAGA_2018	150	GYRO	343.77	-75.06
HMP169w1	HASAGA_2018	153	GYRO	343.59	-74.99
HMP169w1	HASAGA_2018	156	GYRO	343.6	-74.91
HMP169w1	HASAGA_2018	159	GYRO	343.24	-74.91
HMP169w1	HASAGA_2018	162	GYRO	343.26	-74.85
HMP169w1	HASAGA_2018	165	GYRO	342.65	-74.78
HMP169w1	HASAGA_2018	168	GYRO	342.29	-74.57
HMP169w1	HASAGA_2018	171	GYRO	341.98	-74.49
HMP169w1	HASAGA_2018	174	GYRO	341.98	-74.52
HMP169w1	HASAGA_2018	177	GYRO	342.02	-74.41
HMP169w1	HASAGA_2018	180	GYRO	341.91	-74.4
HMP169w1	HASAGA_2018	183	GYRO	341.74	-74.4
HMP169w1	HASAGA_2018	186	GYRO	341.73	-74.34
HMP169w1	HASAGA_2018	189	GYRO	341.71	-74.27
HMP169w1	HASAGA_2018	192	GYRO	341.55	-74.27
HMP169w1	HASAGA_2018	195	GYRO	341.7	-74.21
HMP169w1	HASAGA_2018	198	GYRO	341.39	-74.2
HMP169w1	HASAGA_2018	201	GYRO	341.29	-74.07
HMP169w1	HASAGA_2018	204	GYRO	341.22	-74.07
HMP169w1	HASAGA_2018	207	GYRO	341.18	-73.99
HMP169w1	HASAGA_2018	210	GYRO	341.22	-73.95
HMP169w1	HASAGA_2018	213	GYRO	341.13	-73.88
HMP169w1	HASAGA_2018	216	GYRO	340.93	-73.85
HMP169w1	HASAGA_2018	219	GYRO	341.05	-73.78
HMP169w1	HASAGA_2018	222	GYRO	340.9	-73.71
HMP169w1	HASAGA_2018	225	GYRO	340.93	-73.65
HMP169w1	HASAGA_2018	228	GYRO	340.96	-73.63
HMP169w1	HASAGA_2018	231	GYRO	340.88	-73.49
HMP169w1	HASAGA_2018	234	GYRO	340.94	-73.42
HMP169w1	HASAGA_2018	237	GYRO	340.95	-73.34
HMP169w1	HASAGA_2018	240	GYRO	340.96	-73.35
HMP169w1	HASAGA_2018	243	GYRO	340.94	-73.2
HMP169w1	HASAGA_2018	246	GYRO	340.85	-73.21
HMP169w1	HASAGA_2018	249	GYRO	341.04	-73.21
HMP169w1	HASAGA_2018	252	GYRO	341.15	-73.13
HMP169w1	HASAGA_2018	255	GYRO	340.99	-73.13
HMP169w1	HASAGA_2018	258	GYRO	341.03	-73.09
HMP169w1	HASAGA_2018	261	GYRO	341.24	-73
HMP169w1	HASAGA_2018	264	GYRO	341.11	-73
HMP169w1	HASAGA_2018	267	GYRO	341.08	-73.01
HMP169w1	HASAGA_2018	270	GYRO	341.03	-72.99
HMP169w1	HASAGA_2018	273	GYRO	341.06	-72.93
HMP169w1	HASAGA_2018	276	GYRO	341.06	-72.92
HMP169w1	HASAGA_2018	279	GYRO	341.18	-72.79
HMP169w1	HASAGA_2018	282	GYRO	340.98	-72.71
HMP169w1	HASAGA_2018	285	GYRO	340.89	-72.65
HMP169w1	HASAGA_2018	288	GYRO	340.85	-72.57

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w1	HASAGA_2018	291	GYRO	340.93	-72.56
HMP169w1	HASAGA_2018	294	GYRO	340.86	-72.52
HMP169w1	HASAGA_2018	297	GYRO	340.98	-72.4
HMP169w1	HASAGA_2018	300	GYRO	340.99	-72.36
HMP169w1	HASAGA_2018	303	GYRO	340.99	-72.12
HMP169w1	HASAGA_2018	306	GYRO	341.12	-72.07
HMP169w1	HASAGA_2018	309	GYRO	341.17	-71.92
HMP169w1	HASAGA_2018	312	GYRO	341.31	-71.83
HMP169w1	HASAGA_2018	315	GYRO	341.31	-71.7
HMP169w1	HASAGA_2018	318	GYRO	341.4	-71.56
HMP169w1	HASAGA_2018	321	GYRO	341.45	-71.42
HMP169w1	HASAGA_2018	324	GYRO	341.59	-71.26
HMP169w1	HASAGA_2018	327	GYRO	341.51	-71.2
HMP169w1	HASAGA_2018	330	GYRO	341.53	-71.06
HMP169w1	HASAGA_2018	333	GYRO	341.74	-70.91
HMP169w1	HASAGA_2018	336	GYRO	341.76	-70.79
HMP169w1	HASAGA_2018	339	GYRO	341.82	-70.69
HMP169w1	HASAGA_2018	342	GYRO	341.98	-70.7
HMP169w1	HASAGA_2018	345	GYRO	341.92	-70.65
HMP169w1	HASAGA_2018	348	GYRO	341.99	-70.46
HMP169w1	HASAGA_2018	351	GYRO	341.97	-70.42
HMP169w1	HASAGA_2018	354	GYRO	342.05	-70.32
HMP169w1	HASAGA_2018	357	GYRO	342.09	-70.27
HMP169w1	HASAGA_2018	360	GYRO	342.06	-70.25
HMP169w1	HASAGA_2018	363	GYRO	342.11	-70.19
HMP169w1	HASAGA_2018	366	GYRO	342.03	-70.11
HMP169w1	HASAGA_2018	369	GYRO	341.96	-70.09
HMP169w1	HASAGA_2018	372	GYRO	342.12	-70.04
HMP169w1	HASAGA_2018	375	GYRO	342.01	-70.03
HMP169w1	HASAGA_2018	378	GYRO	342.14	-70.03
HMP169w1	HASAGA_2018	381	GYRO	342	-69.89
HMP169w1	HASAGA_2018	384	GYRO	342.19	-69.86
HMP169w1	HASAGA_2018	387	GYRO	342.07	-69.86
HMP169w1	HASAGA_2018	390	GYRO	342.01	-69.75
HMP169w1	HASAGA_2018	393	GYRO	341.99	-69.76
HMP169w1	HASAGA_2018	396	GYRO	342.09	-69.67
HMP169w1	HASAGA_2018	399	GYRO	341.89	-69.59
HMP169w1	HASAGA_2018	402	GYRO	342.03	-69.53
HMP169w1	HASAGA_2018	405	GYRO	342.31	-69.49
HMP169w1	HASAGA_2018	410	GYRO	342.25	-69.33
HMP169w1	HASAGA_2018	415	GYRO	342.28	-69.33
HMP169w1	HASAGA_2018	420	GYRO	342.11	-69.05
HMP169w1	HASAGA_2018	425	GYRO	342.15	-68.89
HMP169w1	HASAGA_2018	430	GYRO	342.21	-68.61
HMP169w1	HASAGA_2018	435	GYRO	342.11	-68.32
HMP169w1	HASAGA_2018	440	GYRO	342.34	-68.09
HMP169w1	HASAGA_2018	445	GYRO	342.22	-67.87
HMP169w1	HASAGA_2018	450	GYRO	342.3	-67.58
HMP169w1	HASAGA_2018	455	GYRO	342.22	-67.32
HMP169w1	HASAGA_2018	460	GYRO	342.24	-67.2
HMP169w1	HASAGA_2018	465	GYRO	342.18	-67.06
HMP169w1	HASAGA_2018	470	GYRO	342.19	-67.01
HMP169w1	HASAGA_2018	475	GYRO	342.32	-66.87
HMP169w1	HASAGA_2018	480	GYRO	342.18	-66.76
HMP169w1	HASAGA_2018	485	GYRO	342.41	-66.56

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w1	HASAGA_2018	490	GYRO	342.47	-66.46
HMP169w1	HASAGA_2018	495	GYRO	342.45	-66.1
HMP169w1	HASAGA_2018	500	GYRO	342.49	-66.13
HMP169w1	HASAGA_2018	505	GYRO	342.82	-65.8
HMP169w1	HASAGA_2018	510	GYRO	342.86	-65.71
HMP169w1	HASAGA_2018	515	GYRO	342.91	-65.62
HMP169w1	HASAGA_2018	520	GYRO	342.91	-65.55
HMP169w1	HASAGA_2018	525	GYRO	342.88	-65.42
HMP169w1	HASAGA_2018	530	GYRO	342.91	-65.36
HMP169w1	HASAGA_2018	535	GYRO	342.94	-65.23
HMP169w1	HASAGA_2018	540	GYRO	343.06	-65.15
HMP169w1	HASAGA_2018	545	GYRO	343.57	-65.11
HMP169w1	HASAGA_2018	550	GYRO	343.71	-65.06
HMP169w1	HASAGA_2018	551	GYRO	343.08	-64.94
HMP169w1	HASAGA_2018	552	GYRO	343.04	-64.86
HMP169w1	HASAGA_2018	553	GYRO	343.02	-64.72
HMP169w1	HASAGA_2018	554	GYRO	343.11	-64.61
HMP169w1	HASAGA_2018	555	GYRO	343.52	-64.97
HMP169w1	HASAGA_2018	556	GYRO	343.15	-64.48
HMP169w1	HASAGA_2018	557	GYRO	343.12	-64.34
HMP169w1	HASAGA_2018	558	GYRO	343.29	-64.22
HMP169w1	HASAGA_2018	559	GYRO	343.21	-64.25
HMP169w1	HASAGA_2018	560	GYRO	343.73	-64.82
HMP169w1	HASAGA_2018	561	GYRO	343.41	-64.06
HMP169w1	HASAGA_2018	562	GYRO	343.37	-64.02
HMP169w1	HASAGA_2018	563	GYRO	343.43	-63.79
HMP169w1	HASAGA_2018	564	GYRO	343.39	-63.84
HMP169w1	HASAGA_2018	565	GYRO	343.6	-64.88
HMP169w1	HASAGA_2018	566	GYRO	343.35	-63.56
HMP169w1	HASAGA_2018	567	GYRO	343.23	-63.45
HMP169w1	HASAGA_2018	568	GYRO	343.41	-63.36
HMP169w1	HASAGA_2018	569	GYRO	343.39	-63.3
HMP169w1	HASAGA_2018	570	GYRO	343.55	-64.68
HMP169w1	HASAGA_2018	571	GYRO	343.54	-63.16
HMP169w1	HASAGA_2018	572	GYRO	343.7	-63.07
HMP169w1	HASAGA_2018	573	GYRO	343.75	-63.14
HMP169w1	HASAGA_2018	574	GYRO	343.78	-62.93
HMP169w1	HASAGA_2018	575	GYRO	345.32	-64.83
HMP169w1	HASAGA_2018	576	GYRO	344.02	-62.76
HMP169w1	HASAGA_2018	577	GYRO	343.95	-62.74
HMP169w1	HASAGA_2018	578	GYRO	344.09	-62.62
HMP169w1	HASAGA_2018	579	GYRO	343.96	-62.62
HMP169w1	HASAGA_2018	580	GYRO	347.84	-64.74
HMP169w1	HASAGA_2018	581	GYRO	344.05	-62.51
HMP169w1	HASAGA_2018	582	GYRO	344.04	-62.48
HMP169w1	HASAGA_2018	583	GYRO	344.18	-62.35
HMP169w1	HASAGA_2018	584	GYRO	344.2	-62.1
HMP169w1	HASAGA_2018	585	GYRO	348.07	-64.49
HMP169w1	HASAGA_2018	586	GYRO	344.46	-61.49
HMP169w1	HASAGA_2018	587	GYRO	344.47	-61.29
HMP169w1	HASAGA_2018	588	GYRO	344.39	-61.12
HMP169w1	HASAGA_2018	589	GYRO	344.38	-61.05
HMP169w1	HASAGA_2018	590	GYRO	348.27	-63.98
HMP169w1	HASAGA_2018	591	GYRO	344.31	-60.87
HMP169w1	HASAGA_2018	592	GYRO	344.27	-60.74

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w1	HASAGA_2018	593	GYRO	344.24	-60.74
HMP169w1	HASAGA_2018	594	GYRO	344.16	-60.76
HMP169w1	HASAGA_2018	595	GYRO	348.49	-63.39
HMP169w1	HASAGA_2018	596	GYRO	344.16	-60.65
HMP169w1	HASAGA_2018	597	GYRO	344.05	-60.59
HMP169w1	HASAGA_2018	598	GYRO	344	-60.65
HMP169w1	HASAGA_2018	599	GYRO	344.13	-60.57
HMP169w1	HASAGA_2018	600	GYRO	348.51	-63.06
HMP169w1	HASAGA_2018	601	GYRO	344.54	-60.42
HMP169w1	HASAGA_2018	602	GYRO	344.54	-60.41
HMP169w1	HASAGA_2018	603	GYRO	344.52	-60.42
HMP169w1	HASAGA_2018	604	GYRO	344.51	-60.43
HMP169w1	HASAGA_2018	605	GYRO	348.38	-62.99
HMP169w1	HASAGA_2018	606	GYRO	344.46	-60.43
HMP169w1	HASAGA_2018	607	GYRO	344.53	-60.4
HMP169w1	HASAGA_2018	608	GYRO	344.54	-60.42
HMP169w1	HASAGA_2018	609	GYRO	344.55	-60.35
HMP169w1	HASAGA_2018	610	GYRO	348.51	-62.83
HMP169w1	HASAGA_2018	611	GYRO	344.52	-60.24
HMP169w1	HASAGA_2018	612	GYRO	344.55	-60.29
HMP169w1	HASAGA_2018	613	GYRO	344.5	-60.31
HMP169w1	HASAGA_2018	614	GYRO	344.39	-60.29
HMP169w1	HASAGA_2018	615	GYRO	348.7	-62.5
HMP169w1	HASAGA_2018	616	GYRO	344.35	-60.15
HMP169w1	HASAGA_2018	617	GYRO	344.4	-60.1
HMP169w1	HASAGA_2018	618	GYRO	344.55	-60.19
HMP169w1	HASAGA_2018	619	GYRO	344.95	-60.24
HMP169w1	HASAGA_2018	620	GYRO	348.3	-60.91
HMP169w1	HASAGA_2018	621	GYRO	346.39	-60.34
HMP169w1	HASAGA_2018	622	GYRO	347.37	-60.41
HMP169w1	HASAGA_2018	623	GYRO	348.08	-60.46
HMP169w1	HASAGA_2018	624	GYRO	348.34	-60.42
HMP169w1	HASAGA_2018	625	GYRO	348.33	-60.54
HMP169w1	HASAGA_2018	626	GYRO	348.71	-60.28
HMP169w1	HASAGA_2018	627	GYRO	348.67	-60.19
HMP169w1	HASAGA_2018	628	GYRO	348.85	-60.11
HMP169w1	HASAGA_2018	629	GYRO	348.88	-59.98
HMP169w1	HASAGA_2018	630	GYRO	348.45	-59.93
HMP169w1	HASAGA_2018	631	GYRO	348.98	-59.79
HMP169w1	HASAGA_2018	632	GYRO	349.02	-59.78
HMP169w1	HASAGA_2018	633	GYRO	349.1	-59.79
HMP169w1	HASAGA_2018	634	GYRO	349.09	-59.72
HMP169w1	HASAGA_2018	635	GYRO	349.24	-58.59
HMP169w1	HASAGA_2018	637	GYRO	349.24	-59.23
HMP169w1	HASAGA_2018	638	GYRO	349.21	-59.06
HMP169w1	HASAGA_2018	639	GYRO	349.29	-59.08
HMP169w1	HASAGA_2018	640	GYRO	349.25	-58.19
HMP169w1	HASAGA_2018	641	GYRO	349.44	-58.93
HMP169w1	HASAGA_2018	642	GYRO	349.44	-58.85
HMP169w1	HASAGA_2018	643	GYRO	349.48	-58.71
HMP169w1	HASAGA_2018	644	GYRO	349.38	-58.63
HMP169w1	HASAGA_2018	645	GYRO	349.46	-57.6
HMP169w1	HASAGA_2018	650	GYRO	349.57	-57.15
HMP169w1	HASAGA_2018	655	GYRO	349.59	-56.95
HMP169w1	HASAGA_2018	660	GYRO	349.58	-56.75

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w1	HASAGA_2018	665	GYRO	349.6	-56.55
HMP169w1	HASAGA_2018	670	GYRO	349.74	-56.37
HMP169w1	HASAGA_2018	675	GYRO	349.96	-56.14
HMP169w1	HASAGA_2018	680	GYRO	350.09	-55.88
HMP169w1	HASAGA_2018	685	GYRO	350.34	-55.71
HMP169w1	HASAGA_2018	690	GYRO	350.54	-55.53
HMP169w1	HASAGA_2018	695	GYRO	350.92	-55.25
HMP169w1	HASAGA_2018	700	GYRO	351.34	-54.81
HMP169w1	HASAGA_2018	705	GYRO	351.34	-54.77
HMP169w1	HASAGA_2018	710	GYRO	351.52	-54.57
HMP169w1	HASAGA_2018	715	GYRO	351.74	-54.47
HMP169w1	HASAGA_2018	720	GYRO	351.74	-54.39
HMP169w1	HASAGA_2018	725	GYRO	351.84	-54.28
HMP169w1	HASAGA_2018	730	GYRO	351.95	-54.15
HMP169w1	HASAGA_2018	735	GYRO	352.08	-54.06
HMP169w1	HASAGA_2018	740	GYRO	352.05	-53.98
HMP169w1	HASAGA_2018	745	GYRO	352.24	-53.96
HMP169w1	HASAGA_2018	750	GYRO	352.26	-54.02
HMP169w1	HASAGA_2018	755	GYRO	352.3	-53.98
HMP169w1	HASAGA_2018	760	GYRO	352.36	-53.84
HMP169w1	HASAGA_2018	765	GYRO	352.4	-53.72
HMP169w1	HASAGA_2018	770	GYRO	352.39	-53.7
HMP169w1	HASAGA_2018	775	GYRO	352.46	-53.62
HMP169w1	HASAGA_2018	780	GYRO	352.4	-53.54
HMP169w1	HASAGA_2018	785	GYRO	352.59	-53.42
HMP169w1	HASAGA_2018	790	GYRO	352.74	-53.43
HMP169w1	HASAGA_2018	795	GYRO	352.8	-53.36
HMP169w1	HASAGA_2018	800	GYRO	352.98	-53.34
HMP169w1	HASAGA_2018	805	GYRO	352.91	-53.22
HMP169w1	HASAGA_2018	810	GYRO	353.06	-53.25
HMP169w1	HASAGA_2018	815	GYRO	353.17	-53.22
HMP169w1	HASAGA_2018	820	GYRO	353.24	-53.09
HMP169w1	HASAGA_2018	825	GYRO	353.34	-53.12
HMP169w1	HASAGA_2018	830	GYRO	353.39	-53.1
HMP169w1	HASAGA_2018	835	GYRO	353.41	-53
HMP169w1	HASAGA_2018	840	GYRO	353.38	-52.92
HMP169w1	HASAGA_2018	845	GYRO	353.47	-52.9
HMP169w1	HASAGA_2018	850	GYRO	353.64	-52.84
HMP169w1	HASAGA_2018	855	GYRO	353.59	-52.67
HMP169w1	HASAGA_2018	860	GYRO	353.5	-52.52
HMP169w1	HASAGA_2018	865	GYRO	353.5	-52.32
HMP169w1	HASAGA_2018	870	GYRO	353.6	-52.22
HMP169w1	HASAGA_2018	875	GYRO	353.67	-52.22
HMP169w1	HASAGA_2018	880	GYRO	353.6	-52.14
HMP169w1	HASAGA_2018	885	GYRO	353.62	-52.03
HMP169w1	HASAGA_2018	890	GYRO	353.58	-52.03
HMP169w1	HASAGA_2018	895	GYRO	353.64	-51.97
HMP169w1	HASAGA_2018	900	GYRO	353.62	-51.79
HMP169w1	HASAGA_2018	905	GYRO	353.58	-51.72
HMP169w1	HASAGA_2018	910	GYRO	353.49	-51.63
HMP169w1	HASAGA_2018	915	GYRO	353.45	-51.62
HMP169w1	HASAGA_2018	920	GYRO	353.44	-51.52
HMP169w1	HASAGA_2018	925	GYRO	353.31	-51.45
HMP169w1	HASAGA_2018	930	GYRO	353.26	-51.35
HMP169w1	HASAGA_2018	935	GYRO	353.26	-51.28



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w1	HASAGA_2018	940	GYRO	353.16	-51.19
HMP169w1	HASAGA_2018	945	GYRO	353.15	-51.1
HMP169w1	HASAGA_2018	950	GYRO	353.11	-51.08
HMP169w1	HASAGA_2018	955	GYRO	353.1	-50.9
HMP169w1	HASAGA_2018	960	GYRO	352.95	-50.82
HMP169w1	HASAGA_2018	965	GYRO	352.91	-50.64
HMP169w1	HASAGA_2018	970	GYRO	352.8	-50.4
HMP169w1	HASAGA_2018	975	GYRO	352.79	-50.26
HMP169w1	HASAGA_2018	980	GYRO	352.73	-50.21
HMP169w1	HASAGA_2018	985	GYRO	352.76	-50.11
HMP169w1	HASAGA_2018	990	GYRO	352.66	-50.09
HMP169w1	HASAGA_2018	995	GYRO	352.77	-49.99
HMP169w1	HASAGA_2018	1000	GYRO	352.61	-49.92
HMP169w1	HASAGA_2018	1005	GYRO	352.73	-49.83
HMP169w1	HASAGA_2018	1010	GYRO	352.7	-49.84
HMP169w1	HASAGA_2018	1015	GYRO	352.68	-49.74
HMP169w1	HASAGA_2018	1020	GYRO	352.69	-49.64
HMP169w1	HASAGA_2018	1025	GYRO	352.64	-49.58
HMP169w1	HASAGA_2018	1030	GYRO	352.53	-49.56
HMP169w1	HASAGA_2018	1035	GYRO	352.63	-49.47
HMP169w1	HASAGA_2018	1040	GYRO	352.61	-49.46
HMP169w1	HASAGA_2018	1045	GYRO	352.66	-49.4
HMP169w1	HASAGA_2018	1050	GYRO	352.61	-49.29
HMP169w1	HASAGA_2018	1055	GYRO	352.65	-49.21
HMP169w1	HASAGA_2018	1060	GYRO	352.61	-49.27
HMP169w1	HASAGA_2018	1065	GYRO	352.6	-49.41
HMP169w1	HASAGA_2018	1070	GYRO	352.77	-49.11
HMP169w1	HASAGA_2018	1075	GYRO	352.75	-49.09
HMP169w1	HASAGA_2018	1080	GYRO	352.81	-49.08
HMP169w1	HASAGA_2018	1085	GYRO	352.8	-49.02
HMP169w1	HASAGA_2018	1090	GYRO	352.83	-49.08
HMP169w1	HASAGA_2018	1095	GYRO	352.82	-49.04
HMP169w1	HASAGA_2018	1100	GYRO	352.89	-49.2
HMP169w1	HASAGA_2018	1105	GYRO	352.97	-49.22
HMP169w1	HASAGA_2018	1110	GYRO	353.03	-49.17
HMP169w1	HASAGA_2018	1115	GYRO	353.07	-49.14
HMP169w1	HASAGA_2018	1120	GYRO	353.14	-49.2
HMP169w1	HASAGA_2018	1125	GYRO	353.16	-49.23
HMP169w2	HASAGA_2018	0	GYRO	344.84	-77.12
HMP169w3	HASAGA_2018	0	GYRO	344.84	-77.12
HMP169w3	HASAGA_2018	5	GYRO	344.64	-77.27
HMP169w3	HASAGA_2018	10	GYRO	344.97	-77.32
HMP169w3	HASAGA_2018	15	GYRO	344.56	-76.69
HMP169w3	HASAGA_2018	20	GYRO	344.55	-76.99
HMP169w3	HASAGA_2018	25	GYRO	344.46	-76.96
HMP169w3	HASAGA_2018	30	GYRO	344.49	-76.76
HMP169w3	HASAGA_2018	35	GYRO	344.56	-76.63
HMP169w3	HASAGA_2018	40	GYRO	344.51	-76.55
HMP169w3	HASAGA_2018	45	GYRO	344.41	-76.47
HMP169w3	HASAGA_2018	50	GYRO	344.31	-76.41
HMP169w3	HASAGA_2018	55	GYRO	344.29	-76.39
HMP169w3	HASAGA_2018	60	GYRO	344.78	-76.31
HMP169w3	HASAGA_2018	65	GYRO	344.47	-76.32
HMP169w3	HASAGA_2018	70	GYRO	344.31	-76.33
HMP169w3	HASAGA_2018	75	GYRO	344.7	-76.29

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w3	HASAGA_2018	80	GYRO	344.51	-76.11
HMP169w3	HASAGA_2018	85	GYRO	344.24	-76.04
HMP169w3	HASAGA_2018	90	GYRO	344.06	-75.98
HMP169w3	HASAGA_2018	95	GYRO	343.88	-75.88
HMP169w3	HASAGA_2018	100	GYRO	343.86	-75.64
HMP169w3	HASAGA_2018	105	GYRO	343.64	-75.62
HMP169w3	HASAGA_2018	110	GYRO	343.4	-75.62
HMP169w3	HASAGA_2018	115	GYRO	343.83	-75.48
HMP169w3	HASAGA_2018	120	GYRO	343.35	-75.41
HMP169w3	HASAGA_2018	125	GYRO	343.8	-75.32
HMP169w3	HASAGA_2018	130	GYRO	343.36	-75.27
HMP169w3	HASAGA_2018	135	GYRO	343.48	-75.31
HMP169w3	HASAGA_2018	140	GYRO	343.31	-75.12
HMP169w3	HASAGA_2018	145	GYRO	343.26	-75.16
HMP169w3	HASAGA_2018	150	GYRO	342.75	-75.11
HMP169w3	HASAGA_2018	155	GYRO	343.03	-74.96
HMP169w3	HASAGA_2018	160	GYRO	342.55	-74.95
HMP169w3	HASAGA_2018	165	GYRO	342.64	-74.77
HMP169w3	HASAGA_2018	170	GYRO	342.27	-74.74
HMP169w3	HASAGA_2018	175	GYRO	342.38	-74.55
HMP169w3	HASAGA_2018	180	GYRO	342.26	-74.52
HMP169w3	HASAGA_2018	185	GYRO	342.27	-74.34
HMP169w3	HASAGA_2018	190	GYRO	342.17	-74.43
HMP169w3	HASAGA_2018	195	GYRO	342.09	-74.26
HMP169w3	HASAGA_2018	200	GYRO	342.41	-74.15
HMP169w3	HASAGA_2018	205	GYRO	341.54	-74.12
HMP169w3	HASAGA_2018	210	GYRO	342.1	-73.99
HMP169w3	HASAGA_2018	215	GYRO	341.64	-73.98
HMP169w3	HASAGA_2018	220	GYRO	341.68	-73.84
HMP169w3	HASAGA_2018	225	GYRO	341.63	-73.83
HMP169w3	HASAGA_2018	230	GYRO	341.64	-73.63
HMP169w3	HASAGA_2018	235	GYRO	341.84	-73.62
HMP169w3	HASAGA_2018	240	GYRO	341.61	-73.42
HMP169w3	HASAGA_2018	245	GYRO	341.8	-73.46
HMP169w3	HASAGA_2018	250	GYRO	341.74	-73.27
HMP169w3	HASAGA_2018	255	GYRO	341.78	-73.25
HMP169w3	HASAGA_2018	260	GYRO	341.77	-73.13
HMP169w3	HASAGA_2018	265	GYRO	341.95	-73.16
HMP169w3	HASAGA_2018	270	GYRO	341.66	-73.05
HMP169w3	HASAGA_2018	275	GYRO	342.02	-73.13
HMP169w3	HASAGA_2018	280	GYRO	341.65	-72.91
HMP169w3	HASAGA_2018	285	GYRO	342.4	-72.86
HMP169w3	HASAGA_2018	290	GYRO	341.82	-72.69
HMP169w3	HASAGA_2018	295	GYRO	342.27	-72.6
HMP169w3	HASAGA_2018	300	GYRO	342.5	-72.43
HMP169w3	HASAGA_2018	305	GYRO	342.11	-72.41
HMP169w3	HASAGA_2018	310	GYRO	342.4	-72.29
HMP169w3	HASAGA_2018	315	GYRO	342.53	-71.97
HMP169w3	HASAGA_2018	320	GYRO	342.82	-71.85
HMP169w3	HASAGA_2018	325	GYRO	342.8	-71.55
HMP169w3	HASAGA_2018	330	GYRO	343.29	-71.38
HMP169w3	HASAGA_2018	335	GYRO	343.12	-71.17
HMP169w3	HASAGA_2018	340	GYRO	343.44	-70.82
HMP169w3	HASAGA_2018	345	GYRO	343.32	-70.81
HMP169w3	HASAGA_2018	350	GYRO	343.55	-70.67

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w3	HASAGA_2018	355	GYRO	343.4	-70.59
HMP169w3	HASAGA_2018	360	GYRO	343.92	-70.36
HMP169w3	HASAGA_2018	365	GYRO	343.6	-70.3
HMP169w3	HASAGA_2018	370	GYRO	343.97	-70.23
HMP169w3	HASAGA_2018	375	GYRO	343.69	-70.15
HMP169w3	HASAGA_2018	380	GYRO	343.92	-70.08
HMP169w3	HASAGA_2018	385	GYRO	343.79	-70.02
HMP169w3	HASAGA_2018	390	GYRO	344.15	-69.93
HMP169w3	HASAGA_2018	395	GYRO	343.81	-69.87
HMP169w3	HASAGA_2018	400	GYRO	343.96	-69.66
HMP169w3	HASAGA_2018	405	GYRO	343.81	-69.56
HMP169w3	HASAGA_2018	410	GYRO	343.93	-69.57
HMP169w3	HASAGA_2018	415	GYRO	343.91	-69.36
HMP169w3	HASAGA_2018	420	GYRO	343.98	-69.4
HMP169w3	HASAGA_2018	425	GYRO	343.83	-69.21
HMP169w3	HASAGA_2018	430	GYRO	343.9	-69.11
HMP169w3	HASAGA_2018	435	GYRO	343.93	-68.76
HMP169w3	HASAGA_2018	440	GYRO	343.75	-68.62
HMP169w3	HASAGA_2018	445	GYRO	344.12	-68.33
HMP169w3	HASAGA_2018	450	GYRO	344.02	-68.12
HMP169w3	HASAGA_2018	451	GYRO	341.9	-67.75
HMP169w3	HASAGA_2018	452	GYRO	341.77	-67.77
HMP169w3	HASAGA_2018	453	GYRO	341.74	-67.73
HMP169w3	HASAGA_2018	454	GYRO	341.86	-67.62
HMP169w3	HASAGA_2018	455	GYRO	341.89	-67.61
HMP169w3	HASAGA_2018	456	GYRO	341.96	-67.52
HMP169w3	HASAGA_2018	457	GYRO	341.94	-67.52
HMP169w3	HASAGA_2018	458	GYRO	341.91	-67.46
HMP169w3	HASAGA_2018	459	GYRO	341.94	-67.4
HMP169w3	HASAGA_2018	460	GYRO	341.95	-67.38
HMP169w3	HASAGA_2018	461	GYRO	341.96	-67.38
HMP169w3	HASAGA_2018	462	GYRO	341.95	-67.3
HMP169w3	HASAGA_2018	463	GYRO	341.95	-67.3
HMP169w3	HASAGA_2018	464	GYRO	341.91	-67.23
HMP169w3	HASAGA_2018	465	GYRO	341.89	-67.17
HMP169w3	HASAGA_2018	466	GYRO	341.95	-67.15
HMP169w3	HASAGA_2018	467	GYRO	342.01	-67.14
HMP169w3	HASAGA_2018	468	GYRO	341.81	-67.13
HMP169w3	HASAGA_2018	469	GYRO	341.46	-67
HMP169w3	HASAGA_2018	470	GYRO	341	-66.85
HMP169w3	HASAGA_2018	471	GYRO	340.16	-66.57
HMP169w3	HASAGA_2018	472	GYRO	339.34	-66.25
HMP169w3	HASAGA_2018	473	GYRO	338.98	-66.03
HMP169w3	HASAGA_2018	474	GYRO	338.79	-65.94
HMP169w3	HASAGA_2018	475	GYRO	338.59	-65.76
HMP169w3	HASAGA_2018	476	GYRO	338.56	-65.7
HMP169w3	HASAGA_2018	477	GYRO	338.58	-65.68
HMP169w3	HASAGA_2018	478	GYRO	338.62	-65.69
HMP169w3	HASAGA_2018	479	GYRO	338.67	-65.66
HMP169w3	HASAGA_2018	480	GYRO	338.71	-65.62
HMP169w3	HASAGA_2018	481	GYRO	338.75	-65.56
HMP169w3	HASAGA_2018	482	GYRO	338.72	-65.51
HMP169w3	HASAGA_2018	483	GYRO	338.74	-65.42
HMP169w3	HASAGA_2018	484	GYRO	338.78	-65.31
HMP169w3	HASAGA_2018	485	GYRO	338.82	-65.23

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w3	HASAGA_2018	486	GYRO	338.95	-65.25
HMP169w3	HASAGA_2018	487	GYRO	338.99	-65.21
HMP169w3	HASAGA_2018	488	GYRO	338.97	-65.05
HMP169w3	HASAGA_2018	489	GYRO	338.94	-65.01
HMP169w3	HASAGA_2018	490	GYRO	338.96	-64.86
HMP169w3	HASAGA_2018	491	GYRO	339.14	-64.73
HMP169w3	HASAGA_2018	492	GYRO	339.28	-64.64
HMP169w3	HASAGA_2018	493	GYRO	339.39	-64.58
HMP169w3	HASAGA_2018	494	GYRO	339.39	-64.43
HMP169w3	HASAGA_2018	495	GYRO	339.29	-64.3
HMP169w3	HASAGA_2018	496	GYRO	339.27	-64.2
HMP169w3	HASAGA_2018	497	GYRO	339.29	-64.07
HMP169w3	HASAGA_2018	498	GYRO	339.33	-63.99
HMP169w3	HASAGA_2018	499	GYRO	339.4	-63.92
HMP169w3	HASAGA_2018	500	GYRO	339.4	-63.85
HMP169w3	HASAGA_2018	501	GYRO	339.41	-63.62
HMP169w3	HASAGA_2018	502	GYRO	339.43	-63.62
HMP169w3	HASAGA_2018	503	GYRO	339.47	-63.59
HMP169w3	HASAGA_2018	504	GYRO	339.48	-63.51
HMP169w3	HASAGA_2018	505	GYRO	339.51	-63.43
HMP169w3	HASAGA_2018	506	GYRO	339.56	-63.31
HMP169w3	HASAGA_2018	507	GYRO	339.54	-63.23
HMP169w3	HASAGA_2018	508	GYRO	339.5	-63.15
HMP169w3	HASAGA_2018	509	GYRO	339.41	-63.07
HMP169w3	HASAGA_2018	510	GYRO	339.25	-62.88
HMP169w3	HASAGA_2018	511	GYRO	338.95	-62.73
HMP169w3	HASAGA_2018	512	GYRO	338.28	-62.38
HMP169w3	HASAGA_2018	513	GYRO	337.5	-62.07
HMP169w3	HASAGA_2018	514	GYRO	337.03	-61.83
HMP169w3	HASAGA_2018	515	GYRO	336.78	-61.62
HMP169w3	HASAGA_2018	516	GYRO	336.76	-61.37
HMP169w3	HASAGA_2018	517	GYRO	336.84	-61.27
HMP169w3	HASAGA_2018	518	GYRO	337.12	-61.12
HMP169w3	HASAGA_2018	519	GYRO	337.34	-61.02
HMP169w3	HASAGA_2018	520	GYRO	337.49	-60.96
HMP169w3	HASAGA_2018	521	GYRO	337.59	-60.79
HMP169w3	HASAGA_2018	522	GYRO	337.62	-60.65
HMP169w3	HASAGA_2018	523	GYRO	337.77	-60.54
HMP169w3	HASAGA_2018	524	GYRO	337.96	-60.4
HMP169w3	HASAGA_2018	525	GYRO	338.14	-60.33
HMP169w3	HASAGA_2018	526	GYRO	338.24	-60.26
HMP169w3	HASAGA_2018	527	GYRO	338.26	-60.17
HMP169w3	HASAGA_2018	528	GYRO	338.27	-60
HMP169w3	HASAGA_2018	529	GYRO	338.31	-59.93
HMP169w3	HASAGA_2018	530	GYRO	338.35	-59.85
HMP169w3	HASAGA_2018	531	GYRO	338.39	-59.71
HMP169w3	HASAGA_2018	532	GYRO	338.5	-59.62
HMP169w3	HASAGA_2018	533	GYRO	338.58	-59.59
HMP169w3	HASAGA_2018	534	GYRO	338.61	-59.59
HMP169w3	HASAGA_2018	535	GYRO	338.54	-59.51
HMP169w3	HASAGA_2018	536	GYRO	338.6	-59.38
HMP169w3	HASAGA_2018	537	GYRO	338.67	-59.29
HMP169w3	HASAGA_2018	538	GYRO	338.75	-59.29
HMP169w3	HASAGA_2018	539	GYRO	338.78	-59.3
HMP169w3	HASAGA_2018	540	GYRO	338.86	-59.27

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w3	HASAGA_2018	541	GYRO	338.95	-59.28
HMP169w3	HASAGA_2018	542	GYRO	339.02	-59.23
HMP169w3	HASAGA_2018	543	GYRO	339.07	-59.2
HMP169w3	HASAGA_2018	544	GYRO	339.1	-59.19
HMP169w3	HASAGA_2018	545	GYRO	339.16	-59.13
HMP169w3	HASAGA_2018	546	GYRO	339.24	-59.12
HMP169w3	HASAGA_2018	547	GYRO	339.27	-59.06
HMP169w3	HASAGA_2018	548	GYRO	339.3	-59.05
HMP169w3	HASAGA_2018	549	GYRO	339.34	-59.03
HMP169w3	HASAGA_2018	550	GYRO	339.48	-58.97
HMP169w3	HASAGA_2018	555	GYRO	339.49	-58.98
HMP169w3	HASAGA_2018	560	GYRO	339.77	-58.59
HMP169w3	HASAGA_2018	565	GYRO	339.89	-58.49
HMP169w3	HASAGA_2018	570	GYRO	340.31	-58.17
HMP169w3	HASAGA_2018	575	GYRO	340.57	-58
HMP169w3	HASAGA_2018	580	GYRO	340.65	-57.95
HMP169w3	HASAGA_2018	585	GYRO	341.03	-57.85
HMP169w3	HASAGA_2018	590	GYRO	341.22	-57.61
HMP169w3	HASAGA_2018	595	GYRO	341.58	-57.39
HMP169w3	HASAGA_2018	600	GYRO	341.94	-57.09
HMP169w3	HASAGA_2018	605	GYRO	342.14	-57.01
HMP169w3	HASAGA_2018	610	GYRO	342.36	-56.93
HMP169w3	HASAGA_2018	615	GYRO	342.74	-56.62
HMP169w3	HASAGA_2018	620	GYRO	343.03	-56.45
HMP169w3	HASAGA_2018	625	GYRO	343.19	-56.19
HMP169w3	HASAGA_2018	630	GYRO	343.38	-55.88
HMP169w3	HASAGA_2018	635	GYRO	343.41	-55.57
HMP169w3	HASAGA_2018	640	GYRO	343.68	-55.19
HMP169w3	HASAGA_2018	645	GYRO	343.88	-54.94
HMP169w3	HASAGA_2018	650	GYRO	344.17	-54.58
HMP169w3	HASAGA_2018	655	GYRO	344.3	-54.41
HMP169w3	HASAGA_2018	660	GYRO	344.49	-54.08
HMP169w3	HASAGA_2018	665	GYRO	344.76	-54
HMP169w3	HASAGA_2018	670	GYRO	345.01	-53.73
HMP169w3	HASAGA_2018	675	GYRO	345.16	-53.43
HMP169w3	HASAGA_2018	680	GYRO	345.54	-53.24
HMP169w3	HASAGA_2018	685	GYRO	345.67	-53.02
HMP169w3	HASAGA_2018	690	GYRO	345.8	-52.68
HMP169w3	HASAGA_2018	695	GYRO	345.91	-52.53
HMP169w3	HASAGA_2018	700	GYRO	345.95	-52.39
HMP169w3	HASAGA_2018	705	GYRO	345.97	-52.25
HMP169w3	HASAGA_2018	710	GYRO	346	-52.2
HMP169w3	HASAGA_2018	715	GYRO	346.13	-52.05
HMP169w3	HASAGA_2018	720	GYRO	346.14	-51.85
HMP169w3	HASAGA_2018	725	GYRO	346.16	-51.82
HMP169w3	HASAGA_2018	730	GYRO	346.18	-51.66
HMP169w3	HASAGA_2018	735	GYRO	346.14	-51.56
HMP169w3	HASAGA_2018	740	GYRO	346.17	-51.53
HMP169w3	HASAGA_2018	745	GYRO	346.12	-51.37
HMP169w3	HASAGA_2018	750	GYRO	346.13	-51.35
HMP169w3	HASAGA_2018	755	GYRO	346.16	-51.24
HMP169w3	HASAGA_2018	760	GYRO	346.23	-51.15
HMP169w3	HASAGA_2018	765	GYRO	346.17	-51.06
HMP169w3	HASAGA_2018	770	GYRO	346.16	-50.9
HMP169w3	HASAGA_2018	775	GYRO	346.28	-50.65

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w3	HASAGA_2018	780	GYRO	346.2	-50.48
HMP169w3	HASAGA_2018	785	GYRO	346.2	-50.36
HMP169w3	HASAGA_2018	790	GYRO	346.08	-50.25
HMP169w3	HASAGA_2018	795	GYRO	346.08	-50.07
HMP169w3	HASAGA_2018	800	GYRO	346.12	-49.81
HMP169w3	HASAGA_2018	805	GYRO	346.12	-49.71
HMP169w3	HASAGA_2018	810	GYRO	346.11	-49.66
HMP169w3	HASAGA_2018	815	GYRO	346.18	-49.46
HMP169w3	HASAGA_2018	820	GYRO	346.08	-49.44
HMP169w3	HASAGA_2018	825	GYRO	346.09	-49.27
HMP169w3	HASAGA_2018	830	GYRO	346.11	-49.18
HMP169w3	HASAGA_2018	835	GYRO	346.07	-49.06
HMP169w3	HASAGA_2018	840	GYRO	346.05	-48.99
HMP169w3	HASAGA_2018	845	GYRO	346.01	-48.82
HMP169w3	HASAGA_2018	850	GYRO	346.02	-48.7
HMP169w3	HASAGA_2018	855	GYRO	345.94	-48.54
HMP169w3	HASAGA_2018	860	GYRO	345.94	-48.46
HMP169w3	HASAGA_2018	865	GYRO	345.89	-48.34
HMP169w3	HASAGA_2018	870	GYRO	345.91	-48.26
HMP169w3	HASAGA_2018	875	GYRO	345.91	-48.19
HMP169w3	HASAGA_2018	880	GYRO	345.94	-48.19
HMP169w3	HASAGA_2018	885	GYRO	345.99	-48.11
HMP169w3	HASAGA_2018	890	GYRO	345.98	-48.06
HMP169w3	HASAGA_2018	895	GYRO	345.98	-48.07
HMP169w3	HASAGA_2018	900	GYRO	345.97	-47.89
HMP169w3	HASAGA_2018	905	GYRO	345.99	-47.85
HMP169w3	HASAGA_2018	910	GYRO	345.97	-47.78
HMP169w3	HASAGA_2018	915	GYRO	346.04	-47.78
HMP169w3	HASAGA_2018	920	GYRO	345.92	-47.62
HMP169w3	HASAGA_2018	925	GYRO	346.04	-47.62
HMP169w3	HASAGA_2018	935	GYRO	345.99	-47.48
HMP169w3	HASAGA_2018	940	GYRO	345.92	-47.44
HMP169w3	HASAGA_2018	945	GYRO	345.93	-47.33
HMP169w3	HASAGA_2018	950	GYRO	345.87	-47.31
HMP169w3	HASAGA_2018	955	GYRO	345.86	-47.22
HMP169w3	HASAGA_2018	960	GYRO	345.78	-47.03
HMP169w3	HASAGA_2018	965	GYRO	345.7	-46.86
HMP169w3	HASAGA_2018	970	GYRO	345.67	-46.86
HMP169w3	HASAGA_2018	975	GYRO	345.7	-46.76
HMP169w3	HASAGA_2018	980	GYRO	345.69	-46.69
HMP169w3	HASAGA_2018	985	GYRO	345.68	-46.55
HMP169w3	HASAGA_2018	990	GYRO	345.77	-46.35
HMP169w3	HASAGA_2018	995	GYRO	345.85	-46.32
HMP169w3	HASAGA_2018	1000	GYRO	345.77	-46.22
HMP169w3	HASAGA_2018	1005	GYRO	345.77	-46.2
HMP169w3	HASAGA_2018	1010	GYRO	345.88	-46.2
HMP169w3	HASAGA_2018	1015	GYRO	345.84	-46.03
HMP169w3	HASAGA_2018	1020	GYRO	345.93	-45.9
HMP169w3	HASAGA_2018	1025	GYRO	345.87	-45.91
HMP169w3	HASAGA_2018	1030	GYRO	345.85	-45.81
HMP169w3	HASAGA_2018	1040	GYRO	345.86	-45.74
HMP169w3	HASAGA_2018	1045	GYRO	345.86	-45.54
HMP169w3	HASAGA_2018	1050	GYRO	345.74	-45.37
HMP169w3	HASAGA_2018	1055	GYRO	345.73	-45.39
HMP169w3	HASAGA_2018	1060	GYRO	345.68	-45.33

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP169w3	HASAGA_2018	1065	GYRO	345.7	-45.28
HMP169w3	HASAGA_2018	1070	GYRO	345.71	-45.24
HMP169w3	HASAGA_2018	1075	GYRO	345.72	-45.18
HMP169w3	HASAGA_2018	1080	GYRO	345.69	-45.15
HMP169w3	HASAGA_2018	1085	GYRO	345.75	-45.17
HMP169w3	HASAGA_2018	1090	GYRO	345.5	-45.18
HMP170	HASAGA_2018	0	GYRO	349.26	-75.01
HMP170	HASAGA_2018	5	GYRO	349.95	-74.99
HMP170	HASAGA_2018	10	GYRO	350.28	-74.9
HMP170	HASAGA_2018	15	GYRO	350.47	-74.9
HMP170	HASAGA_2018	20	GYRO	350.62	-74.87
HMP170	HASAGA_2018	25	GYRO	350.89	-74.86
HMP170	HASAGA_2018	30	GYRO	351.08	-74.67
HMP170	HASAGA_2018	35	GYRO	351.45	-74.65
HMP170	HASAGA_2018	40	GYRO	351.47	-74.64
HMP170	HASAGA_2018	45	GYRO	351.46	-74.59
HMP170	HASAGA_2018	50	GYRO	351.66	-74.66
HMP170	HASAGA_2018	55	GYRO	351.9	-74.66
HMP170	HASAGA_2018	60	GYRO	352.04	-74.63
HMP170	HASAGA_2018	65	GYRO	352.47	-74.55
HMP170	HASAGA_2018	70	GYRO	352.49	-74.42
HMP170	HASAGA_2018	75	GYRO	352.39	-74.32
HMP170	HASAGA_2018	80	GYRO	352.33	-74.37
HMP170	HASAGA_2018	85	GYRO	352.72	-74.35
HMP170	HASAGA_2018	90	GYRO	352.93	-74.22
HMP170	HASAGA_2018	95	GYRO	352.8	-74.18
HMP170	HASAGA_2018	100	GYRO	352.66	-74.17
HMP170	HASAGA_2018	105	GYRO	353.47	-74.21
HMP170	HASAGA_2018	110	GYRO	353.45	-74.06
HMP170	HASAGA_2018	115	GYRO	353.08	-74.08
HMP170	HASAGA_2018	120	GYRO	353.65	-74.12
HMP170	HASAGA_2018	125	GYRO	353.8	-74.02
HMP170	HASAGA_2018	130	GYRO	353.55	-74.02
HMP170	HASAGA_2018	135	GYRO	353.92	-73.96
HMP170	HASAGA_2018	140	GYRO	353.73	-73.74
HMP170	HASAGA_2018	145	GYRO	353.69	-73.98
HMP170	HASAGA_2018	150	GYRO	354.24	-73.89
HMP170	HASAGA_2018	155	GYRO	354.03	-73.73
HMP170	HASAGA_2018	160	GYRO	354.18	-73.81
HMP170	HASAGA_2018	165	GYRO	354.56	-73.67
HMP170	HASAGA_2018	170	GYRO	354.49	-73.52
HMP170	HASAGA_2018	175	GYRO	354.22	-73.57
HMP170	HASAGA_2018	180	GYRO	354.42	-73.57
HMP170	HASAGA_2018	185	GYRO	354.69	-73.38
HMP170	HASAGA_2018	190	GYRO	354.48	-73.35
HMP170	HASAGA_2018	195	GYRO	354.56	-73.24
HMP170	HASAGA_2018	200	GYRO	354.45	-73.24
HMP170	HASAGA_2018	205	GYRO	354.49	-73.07
HMP170	HASAGA_2018	210	GYRO	354.45	-72.94
HMP170	HASAGA_2018	215	GYRO	354.45	-72.67
HMP170	HASAGA_2018	220	GYRO	354.56	-72.72
HMP170	HASAGA_2018	225	GYRO	354.47	-72.66
HMP170	HASAGA_2018	230	GYRO	354.45	-72.53
HMP170	HASAGA_2018	235	GYRO	354.42	-72.42
HMP170	HASAGA_2018	240	GYRO	354.59	-72.45

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP170	HASAGA_2018	245	GYRO	354.51	-72.25
HMP170	HASAGA_2018	250	GYRO	354.84	-72.14
HMP170	HASAGA_2018	255	GYRO	354.79	-72.12
HMP170	HASAGA_2018	260	GYRO	354.99	-72.03
HMP170	HASAGA_2018	265	GYRO	354.83	-72
HMP170	HASAGA_2018	270	GYRO	354.81	-71.87
HMP170	HASAGA_2018	275	GYRO	354.85	-71.85
HMP170	HASAGA_2018	280	GYRO	354.87	-71.81
HMP170	HASAGA_2018	285	GYRO	354.76	-71.74
HMP170	HASAGA_2018	290	GYRO	354.89	-71.73
HMP170	HASAGA_2018	295	GYRO	354.9	-71.6
HMP170	HASAGA_2018	300	GYRO	355.01	-71.51
HMP170	HASAGA_2018	305	GYRO	355.21	-71.38
HMP170	HASAGA_2018	310	GYRO	355.23	-71.22
HMP170	HASAGA_2018	315	GYRO	355.32	-71.05
HMP170	HASAGA_2018	320	GYRO	355.25	-71.01
HMP170	HASAGA_2018	325	GYRO	355.07	-70.79
HMP170	HASAGA_2018	330	GYRO	355.27	-70.83
HMP170	HASAGA_2018	335	GYRO	354.94	-70.56
HMP170	HASAGA_2018	340	GYRO	354.87	-70.51
HMP170	HASAGA_2018	345	GYRO	354.91	-70.25
HMP170	HASAGA_2018	350	GYRO	354.99	-70.04
HMP170	HASAGA_2018	355	GYRO	355.09	-69.95
HMP170	HASAGA_2018	360	GYRO	355.26	-69.94
HMP170	HASAGA_2018	365	GYRO	355.43	-69.9
HMP170	HASAGA_2018	370	GYRO	355.54	-69.84
HMP170	HASAGA_2018	375	GYRO	355.73	-69.77
HMP170	HASAGA_2018	380	GYRO	356.04	-69.73
HMP170	HASAGA_2018	385	GYRO	355.93	-69.67
HMP170	HASAGA_2018	390	GYRO	356.25	-69.6
HMP170	HASAGA_2018	395	GYRO	356.28	-69.59
HMP170	HASAGA_2018	400	GYRO	356.38	-69.48
HMP170	HASAGA_2018	405	GYRO	356.74	-69.4
HMP170	HASAGA_2018	410	GYRO	356.83	-69.42
HMP170	HASAGA_2018	415	GYRO	357.04	-69.4
HMP170	HASAGA_2018	420	GYRO	357.26	-69.34
HMP170	HASAGA_2018	425	GYRO	357.33	-69.37
HMP170	HASAGA_2018	430	GYRO	357.54	-69.22
HMP170	HASAGA_2018	435	GYRO	357.66	-69.11
HMP170	HASAGA_2018	440	GYRO	357.65	-69.04
HMP170	HASAGA_2018	445	GYRO	357.81	-69.01
HMP170	HASAGA_2018	450	GYRO	357.88	-69.1
HMP170	HASAGA_2018	455	GYRO	357.96	-68.99
HMP170	HASAGA_2018	460	GYRO	358.09	-68.95
HMP170	HASAGA_2018	465	GYRO	358.11	-68.94
HMP170	HASAGA_2018	470	GYRO	358.26	-68.83
HMP170	HASAGA_2018	475	GYRO	358.28	-68.76
HMP170	HASAGA_2018	480	GYRO	358.28	-68.71
HMP170	HASAGA_2018	485	GYRO	358.31	-68.78
HMP170	HASAGA_2018	490	GYRO	358.34	-68.68
HMP170	HASAGA_2018	495	GYRO	358.32	-68.61
HMP170	HASAGA_2018	500	GYRO	358.48	-68.62
HMP170	HASAGA_2018	505	GYRO	358.53	-68.6
HMP170	HASAGA_2018	510	GYRO	358.76	-68.42
HMP170	HASAGA_2018	515	GYRO	358.76	-68.27



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP170	HASAGA_2018	520	GYRO	358.86	-68.25
HMP170	HASAGA_2018	525	GYRO	358.95	-68.22
HMP170	HASAGA_2018	530	GYRO	359.11	-68.24
HMP170	HASAGA_2018	535	GYRO	359.22	-68.16
HMP170	HASAGA_2018	540	GYRO	359.7	-68.22
HMP171	HASAGA_2018	0	GYRO	150.69	-70.87
HMP171	HASAGA_2018	5	GYRO	150.77	-70.77
HMP171	HASAGA_2018	10	GYRO	151.06	-70.63
HMP171	HASAGA_2018	15	GYRO	151.11	-70.46
HMP171	HASAGA_2018	20	GYRO	151.14	-70.34
HMP171	HASAGA_2018	25	GYRO	151.33	-70.2
HMP171	HASAGA_2018	30	GYRO	151.36	-70.13
HMP171	HASAGA_2018	35	GYRO	151.45	-70.03
HMP171	HASAGA_2018	40	GYRO	151.53	-69.99
HMP171	HASAGA_2018	45	GYRO	151.49	-69.85
HMP171	HASAGA_2018	50	GYRO	151.44	-69.84
HMP171	HASAGA_2018	55	GYRO	151.32	-69.69
HMP171	HASAGA_2018	60	GYRO	151.75	-69.53
HMP171	HASAGA_2018	65	GYRO	151.54	-69.47
HMP171	HASAGA_2018	70	GYRO	151.36	-69.42
HMP171	HASAGA_2018	75	GYRO	151.84	-69.25
HMP171	HASAGA_2018	80	GYRO	151.66	-69.16
HMP171	HASAGA_2018	85	GYRO	151.88	-68.94
HMP171	HASAGA_2018	90	GYRO	152.05	-68.95
HMP171	HASAGA_2018	95	GYRO	151.81	-68.73
HMP171	HASAGA_2018	100	GYRO	152.13	-68.58
HMP171	HASAGA_2018	105	GYRO	152.03	-68.46
HMP171	HASAGA_2018	110	GYRO	152.27	-68.23
HMP171	HASAGA_2018	115	GYRO	152.36	-68.19
HMP171	HASAGA_2018	120	GYRO	152.29	-68.09
HMP171	HASAGA_2018	125	GYRO	152.64	-67.98
HMP171	HASAGA_2018	130	GYRO	152.42	-67.98
HMP171	HASAGA_2018	135	GYRO	152.59	-67.74
HMP171	HASAGA_2018	140	GYRO	152.64	-67.73
HMP171	HASAGA_2018	145	GYRO	152.49	-67.66
HMP171	HASAGA_2018	150	GYRO	152.73	-67.61
HMP171	HASAGA_2018	155	GYRO	152.54	-67.51
HMP171	HASAGA_2018	160	GYRO	152.76	-67.4
HMP171	HASAGA_2018	165	GYRO	152.76	-67.36
HMP171	HASAGA_2018	170	GYRO	152.98	-67.18
HMP171	HASAGA_2018	175	GYRO	153.03	-67.24
HMP171	HASAGA_2018	180	GYRO	152.92	-67.14
HMP171	HASAGA_2018	185	GYRO	153.22	-67.01
HMP171	HASAGA_2018	190	GYRO	153.07	-66.92
HMP171	HASAGA_2018	195	GYRO	153.41	-66.75
HMP171	HASAGA_2018	200	GYRO	153.3	-66.83
HMP171	HASAGA_2018	205	GYRO	153.46	-66.63
HMP171	HASAGA_2018	210	GYRO	153.54	-66.67
HMP171	HASAGA_2018	215	GYRO	153.27	-66.59
HMP171	HASAGA_2018	220	GYRO	153.85	-66.42
HMP171	HASAGA_2018	225	GYRO	153.63	-66.52
HMP171	HASAGA_2018	230	GYRO	153.78	-66.16
HMP171	HASAGA_2018	235	GYRO	153.95	-65.82
HMP171	HASAGA_2018	240	GYRO	153.9	-65.34
HMP171	HASAGA_2018	245	GYRO	154.24	-65.14

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP171	HASAGA_2018	250	GYRO	154.03	-65.05
HMP171	HASAGA_2018	255	GYRO	154.3	-64.79
HMP171	HASAGA_2018	260	GYRO	154.29	-64.77
HMP171	HASAGA_2018	265	GYRO	154.15	-64.59
HMP171	HASAGA_2018	270	GYRO	154.58	-64.36
HMP171	HASAGA_2018	275	GYRO	154.36	-64.2
HMP171	HASAGA_2018	280	GYRO	154.72	-64.08
HMP171	HASAGA_2018	285	GYRO	154.67	-63.99
HMP171	HASAGA_2018	290	GYRO	154.66	-63.47
HMP171	HASAGA_2018	295	GYRO	154.86	-63.35
HMP171	HASAGA_2018	300	GYRO	154.82	-63.06
HMP171	HASAGA_2018	305	GYRO	155.27	-63.05
HMP171	HASAGA_2018	310	GYRO	155.11	-62.99
HMP171	HASAGA_2018	315	GYRO	155.23	-62.58
HMP171	HASAGA_2018	320	GYRO	155.63	-62.56
HMP171	HASAGA_2018	325	GYRO	155.62	-62.35
HMP171	HASAGA_2018	330	GYRO	156.01	-62.2
HMP171	HASAGA_2018	335	GYRO	155.89	-62.07
HMP171	HASAGA_2018	340	GYRO	156.03	-61.96
HMP171	HASAGA_2018	345	GYRO	155.83	-61.9
HMP171	HASAGA_2018	350	GYRO	155.8	-61.66
HMP171	HASAGA_2018	355	GYRO	155.94	-61.59
HMP171	HASAGA_2018	360	GYRO	155.8	-61.51
HMP171	HASAGA_2018	365	GYRO	155.72	-61.34
HMP171	HASAGA_2018	370	GYRO	155.9	-61.29
HMP171	HASAGA_2018	375	GYRO	155.8	-61.2
HMP171	HASAGA_2018	380	GYRO	155.86	-60.99
HMP171	HASAGA_2018	385	GYRO	156.06	-60.96
HMP171	HASAGA_2018	390	GYRO	156.05	-60.95
HMP171	HASAGA_2018	395	GYRO	155.93	-60.83
HMP171	HASAGA_2018	400	GYRO	155.89	-60.66
HMP171	HASAGA_2018	405	GYRO	155.9	-60.61
HMP171	HASAGA_2018	410	GYRO	156.15	-60.33
HMP171	HASAGA_2018	415	GYRO	156.13	-60.32
HMP171	HASAGA_2018	420	GYRO	156.14	-60.32
HMP171	HASAGA_2018	425	GYRO	156.03	-60.23
HMP171	HASAGA_2018	430	GYRO	156.01	-60.16
HMP171	HASAGA_2018	435	GYRO	156.06	-60
HMP171	HASAGA_2018	440	GYRO	155.9	-59.92
HMP171	HASAGA_2018	445	GYRO	155.86	-59.68
HMP171	HASAGA_2018	450	GYRO	155.77	-59.53
HMP171	HASAGA_2018	455	GYRO	155.88	-59.42
HMP171	HASAGA_2018	460	GYRO	155.91	-59.32
HMP171	HASAGA_2018	465	GYRO	156.06	-59.2
HMP171	HASAGA_2018	470	GYRO	156.11	-58.97
HMP171	HASAGA_2018	475	GYRO	156.21	-58.8
HMP171	HASAGA_2018	480	GYRO	156.24	-58.74
HMP171	HASAGA_2018	485	GYRO	156.15	-58.56
HMP171	HASAGA_2018	490	GYRO	156.21	-58.48
HMP171	HASAGA_2018	495	GYRO	156.23	-58.39
HMP171	HASAGA_2018	500	GYRO	156.24	-58.25
HMP171	HASAGA_2018	505	GYRO	156.28	-58.18
HMP171	HASAGA_2018	510	GYRO	156.24	-58.09
HMP171	HASAGA_2018	515	GYRO	156.25	-58.01
HMP171	HASAGA_2018	520	GYRO	156.17	-57.93

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP171	HASAGA_2018	525	GYRO	156.25	-57.79
HMP171	HASAGA_2018	530	GYRO	156.13	-57.75
HMP171	HASAGA_2018	535	GYRO	156.13	-57.58
HMP171	HASAGA_2018	540	GYRO	156.18	-57.35
HMP171	HASAGA_2018	545	GYRO	156.12	-57.18
HMP171	HASAGA_2018	550	GYRO	156.14	-56.93
HMP171	HASAGA_2018	555	GYRO	156.28	-56.78
HMP171	HASAGA_2018	560	GYRO	156.41	-56.62
HMP171	HASAGA_2018	565	GYRO	156.5	-56.31
HMP171	HASAGA_2018	570	GYRO	156.69	-56.1
HMP171	HASAGA_2018	575	GYRO	156.69	-55.96
HMP171	HASAGA_2018	580	GYRO	156.76	-55.88
HMP171	HASAGA_2018	585	GYRO	156.71	-55.71
HMP171	HASAGA_2018	590	GYRO	156.82	-55.53
HMP171	HASAGA_2018	595	GYRO	156.86	-55.46
HMP171	HASAGA_2018	600	GYRO	156.81	-55.37
HMP171	HASAGA_2018	605	GYRO	156.81	-55.3
HMP171	HASAGA_2018	610	GYRO	156.81	-55.25
HMP171	HASAGA_2018	615	GYRO	156.92	-55.21
HMP171	HASAGA_2018	620	GYRO	157.09	-55.28
HMP171	HASAGA_2018	625	GYRO	157.05	-55.13
HMP171	HASAGA_2018	630	GYRO	157.06	-55.03
HMP171	HASAGA_2018	635	GYRO	157.07	-55.04
HMP171	HASAGA_2018	640	GYRO	157.24	-54.9
HMP171	HASAGA_2018	645	GYRO	157.26	-54.7
HMP171	HASAGA_2018	650	GYRO	157.33	-54.67
HMP171	HASAGA_2018	655	GYRO	157.31	-54.51
HMP171	HASAGA_2018	660	GYRO	157.31	-54.43
HMP171	HASAGA_2018	665	GYRO	157.38	-54.36
HMP171	HASAGA_2018	670	GYRO	157.4	-54.26
HMP171	HASAGA_2018	675	GYRO	157.55	-54.09
HMP171	HASAGA_2018	680	GYRO	157.67	-53.9
HMP171	HASAGA_2018	685	GYRO	157.73	-53.76
HMP171	HASAGA_2018	690	GYRO	157.91	-53.52
HMP171	HASAGA_2018	695	GYRO	158.18	-53.52
HMP171	HASAGA_2018	700	GYRO	158.3	-53.43
HMP171	HASAGA_2018	705	GYRO	158.3	-53.42
HMP171	HASAGA_2018	710	GYRO	158.33	-53.41
HMP171	HASAGA_2018	715	GYRO	158.33	-53.17
HMP171	HASAGA_2018	720	GYRO	158.36	-53.18
HMP171	HASAGA_2018	725	GYRO	158.39	-53.09
HMP171	HASAGA_2018	730	GYRO	158.43	-53.08
HMP171	HASAGA_2018	735	GYRO	158.47	-52.93
HMP171	HASAGA_2018	740	GYRO	158.53	-52.85
HMP171	HASAGA_2018	745	GYRO	158.5	-52.73
HMP171	HASAGA_2018	750	GYRO	158.55	-52.67
HMP171	HASAGA_2018	755	GYRO	158.56	-52.58
HMP171	HASAGA_2018	760	GYRO	158.57	-52.51
HMP171	HASAGA_2018	765	GYRO	158.53	-52.4
HMP171	HASAGA_2018	770	GYRO	158.65	-52.25
HMP171	HASAGA_2018	775	GYRO	158.69	-52.2
HMP171	HASAGA_2018	780	GYRO	158.83	-51.98
HMP172	HASAGA_2018	0	GYRO	149.44	-65.98
HMP172	HASAGA_2018	5	GYRO	149.45	-65.72
HMP172	HASAGA_2018	10	GYRO	149.78	-65.57

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP172	HASAGA_2018	15	GYRO	150.71	-65.26
HMP172	HASAGA_2018	20	GYRO	150.76	-65.24
HMP172	HASAGA_2018	25	GYRO	150.94	-65.13
HMP172	HASAGA_2018	30	GYRO	151.1	-65.03
HMP172	HASAGA_2018	35	GYRO	151.3	-64.91
HMP172	HASAGA_2018	40	GYRO	151.47	-64.89
HMP172	HASAGA_2018	45	GYRO	151.57	-64.76
HMP172	HASAGA_2018	50	GYRO	151.65	-64.81
HMP172	HASAGA_2018	55	GYRO	151.84	-64.68
HMP172	HASAGA_2018	60	GYRO	151.82	-64.67
HMP172	HASAGA_2018	65	GYRO	152.01	-64.67
HMP172	HASAGA_2018	70	GYRO	151.96	-64.54
HMP172	HASAGA_2018	75	GYRO	151.98	-64.54
HMP172	HASAGA_2018	80	GYRO	151.98	-64.47
HMP172	HASAGA_2018	85	GYRO	152.07	-64.45
HMP172	HASAGA_2018	90	GYRO	152.13	-64.38
HMP172	HASAGA_2018	95	GYRO	152.24	-64.31
HMP172	HASAGA_2018	100	GYRO	152.22	-64.3
HMP172	HASAGA_2018	105	GYRO	152.09	-64.21
HMP172	HASAGA_2018	110	GYRO	152.29	-64.21
HMP172	HASAGA_2018	115	GYRO	152.41	-64.13
HMP172	HASAGA_2018	120	GYRO	152.49	-63.99
HMP172	HASAGA_2018	125	GYRO	152.51	-63.85
HMP172	HASAGA_2018	130	GYRO	152.68	-63.7
HMP172	HASAGA_2018	135	GYRO	152.75	-63.69
HMP172	HASAGA_2018	140	GYRO	152.84	-63.62
HMP172	HASAGA_2018	145	GYRO	153.03	-63.46
HMP172	HASAGA_2018	150	GYRO	153.07	-63.36
HMP172	HASAGA_2018	155	GYRO	153.07	-63.29
HMP172	HASAGA_2018	160	GYRO	153.1	-63.16
HMP172	HASAGA_2018	165	GYRO	153.06	-63.15
HMP172	HASAGA_2018	170	GYRO	153.09	-63.07
HMP172	HASAGA_2018	175	GYRO	153.32	-62.86
HMP172	HASAGA_2018	180	GYRO	153.33	-62.54
HMP172	HASAGA_2018	185	GYRO	153.41	-62.23
HMP172	HASAGA_2018	190	GYRO	153.48	-61.91
HMP172	HASAGA_2018	195	GYRO	153.62	-61.51
HMP172	HASAGA_2018	200	GYRO	153.7	-61.11
HMP172	HASAGA_2018	205	GYRO	153.72	-60.97
HMP172	HASAGA_2018	210	GYRO	153.75	-60.9
HMP172	HASAGA_2018	215	GYRO	153.85	-60.75
HMP172	HASAGA_2018	220	GYRO	153.8	-60.82
HMP172	HASAGA_2018	225	GYRO	154	-60.73
HMP172	HASAGA_2018	230	GYRO	154.02	-60.58
HMP172	HASAGA_2018	235	GYRO	154.05	-60.58
HMP172	HASAGA_2018	240	GYRO	154.15	-60.52
HMP172	HASAGA_2018	245	GYRO	154.19	-60.52
HMP172	HASAGA_2018	250	GYRO	154.24	-60.42
HMP172	HASAGA_2018	255	GYRO	154.23	-60.42
HMP172	HASAGA_2018	260	GYRO	154.28	-60.4
HMP172	HASAGA_2018	265	GYRO	154.24	-60.35
HMP172	HASAGA_2018	270	GYRO	154.27	-60.24
HMP172	HASAGA_2018	275	GYRO	154.29	-60.15
HMP172	HASAGA_2018	280	GYRO	154.55	-60.09
HMP172	HASAGA_2018	285	GYRO	154.52	-59.95

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP172	HASAGA_2018	290	GYRO	154.56	-59.86
HMP172	HASAGA_2018	295	GYRO	154.62	-59.64
HMP172	HASAGA_2018	300	GYRO	154.59	-59.39
HMP172	HASAGA_2018	305	GYRO	154.67	-59.3
HMP172	HASAGA_2018	310	GYRO	154.67	-59.21
HMP172	HASAGA_2018	315	GYRO	154.68	-59.06
HMP172	HASAGA_2018	320	GYRO	154.59	-59.06
HMP172	HASAGA_2018	325	GYRO	154.79	-58.82
HMP172	HASAGA_2018	330	GYRO	154.91	-58.6
HMP172	HASAGA_2018	335	GYRO	154.84	-58.51
HMP172	HASAGA_2018	340	GYRO	155.07	-58.43
HMP172	HASAGA_2018	345	GYRO	155.03	-58.27
HMP172	HASAGA_2018	350	GYRO	155.05	-58.18
HMP172	HASAGA_2018	355	GYRO	155.16	-58.01
HMP172	HASAGA_2018	360	GYRO	155.11	-57.87
HMP172	HASAGA_2018	365	GYRO	155.04	-57.72
HMP172	HASAGA_2018	370	GYRO	154.91	-57.74
HMP172	HASAGA_2018	375	GYRO	154.84	-57.6
HMP172	HASAGA_2018	380	GYRO	154.74	-57.6
HMP172	HASAGA_2018	385	GYRO	154.82	-57.37
HMP172	HASAGA_2018	390	GYRO	154.84	-57.28
HMP172	HASAGA_2018	395	GYRO	154.86	-57.14
HMP172	HASAGA_2018	400	GYRO	155.03	-56.89
HMP172	HASAGA_2018	405	GYRO	155.03	-56.86
HMP172	HASAGA_2018	410	GYRO	155.04	-56.65
HMP172	HASAGA_2018	415	GYRO	155.18	-56.5
HMP172	HASAGA_2018	420	GYRO	155.24	-56.38
HMP172	HASAGA_2018	425	GYRO	155.47	-56.24
HMP172	HASAGA_2018	430	GYRO	155.44	-55.97
HMP172	HASAGA_2018	435	GYRO	155.66	-55.79
HMP172	HASAGA_2018	440	GYRO	155.69	-55.73
HMP172	HASAGA_2018	445	GYRO	155.77	-55.71
HMP172	HASAGA_2018	450	GYRO	155.89	-55.57
HMP172	HASAGA_2018	455	GYRO	155.88	-55.46
HMP172	HASAGA_2018	460	GYRO	155.93	-55.39
HMP172	HASAGA_2018	465	GYRO	155.93	-55.32
HMP172	HASAGA_2018	470	GYRO	156.04	-55.35
HMP172	HASAGA_2018	475	GYRO	155.95	-55.15
HMP172	HASAGA_2018	480	GYRO	156.06	-54.97
HMP172	HASAGA_2018	485	GYRO	155.98	-54.77
HMP172	HASAGA_2018	490	GYRO	155.91	-54.53
HMP172	HASAGA_2018	495	GYRO	155.94	-54.31
HMP172	HASAGA_2018	500	GYRO	156.01	-53.95
HMP172	HASAGA_2018	505	GYRO	155.98	-53.84
HMP172	HASAGA_2018	510	GYRO	155.94	-53.8
HMP172	HASAGA_2018	515	GYRO	156.07	-53.7
HMP172	HASAGA_2018	520	GYRO	156.03	-53.53
HMP172	HASAGA_2018	525	GYRO	156.13	-53.38
HMP172	HASAGA_2018	530	GYRO	156.06	-53.27
HMP172	HASAGA_2018	535	GYRO	156.11	-52.96
HMP172	HASAGA_2018	540	GYRO	156.13	-52.95
HMP172	HASAGA_2018	545	GYRO	156.11	-52.91
HMP172	HASAGA_2018	550	GYRO	156.12	-52.84
HMP172	HASAGA_2018	555	GYRO	156.21	-52.7
HMP172	HASAGA_2018	560	GYRO	156.21	-52.66

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP172	HASAGA_2018	565	GYRO	156.3	-52.56
HMP172	HASAGA_2018	570	GYRO	156.25	-52.4
HMP172	HASAGA_2018	575	GYRO	156.23	-52.33
HMP172	HASAGA_2018	580	GYRO	156.35	-52.18
HMP172	HASAGA_2018	585	GYRO	156.4	-52.06
HMP172	HASAGA_2018	590	GYRO	156.44	-51.89
HMP172	HASAGA_2018	595	GYRO	156.49	-51.63
HMP172	HASAGA_2018	600	GYRO	156.61	-51.43
HMP172	HASAGA_2018	605	GYRO	156.65	-51.44
HMP172	HASAGA_2018	610	GYRO	156.49	-51.35
HMP172	HASAGA_2018	615	GYRO	156.54	-51.33
HMP172	HASAGA_2018	620	GYRO	156.67	-51.25
HMP172	HASAGA_2018	625	GYRO	156.83	-51.09
HMP172	HASAGA_2018	630	GYRO	156.92	-50.91
HMP172	HASAGA_2018	635	GYRO	156.91	-50.69
HMP172	HASAGA_2018	640	GYRO	156.92	-50.56
HMP172	HASAGA_2018	645	GYRO	157.01	-50.39
HMP172	HASAGA_2018	650	GYRO	156.85	-50.26
HMP172	HASAGA_2018	655	GYRO	156.98	-50.13
HMP172	HASAGA_2018	660	GYRO	156.84	-50.04
HMP172	HASAGA_2018	665	GYRO	156.98	-49.99
HMP172	HASAGA_2018	670	GYRO	156.95	-49.93
HMP172	HASAGA_2018	675	GYRO	156.96	-50.13
HMP172	HASAGA_2018	680	GYRO	157.07	-49.87
HMP172	HASAGA_2018	685	GYRO	157	-49.8
HMP172	HASAGA_2018	690	GYRO	157.06	-49.82
HMP172	HASAGA_2018	695	GYRO	157.1	-49.69
HMP172	HASAGA_2018	700	GYRO	157.1	-49.62
HMP172	HASAGA_2018	705	GYRO	157.13	-49.61
HMP172	HASAGA_2018	710	GYRO	157.13	-49.47
HMP172	HASAGA_2018	715	GYRO	157.05	-49.4
HMP172	HASAGA_2018	720	GYRO	157.13	-49.27
HMP172	HASAGA_2018	725	GYRO	157.09	-49.28
HMP172	HASAGA_2018	730	GYRO	156.97	-49.06
HMP172	HASAGA_2018	735	GYRO	157.11	-49.02
HMP172	HASAGA_2018	740	GYRO	156.97	-48.91
HMP172	HASAGA_2018	745	GYRO	156.89	-48.76
HMP173	HASAGA_2018	0	GYRO	148.26	-79.53
HMP173	HASAGA_2018	5	GYRO	148.5	-79.24
HMP173	HASAGA_2018	10	GYRO	148.79	-79.17
HMP173	HASAGA_2018	15	GYRO	149.01	-79.18
HMP173	HASAGA_2018	20	GYRO	149.08	-79.11
HMP173	HASAGA_2018	25	GYRO	149.08	-79.03
HMP173	HASAGA_2018	30	GYRO	149.68	-78.62
HMP173	HASAGA_2018	35	GYRO	150.21	-78.33
HMP173	HASAGA_2018	40	GYRO	150.94	-78.27
HMP173	HASAGA_2018	45	GYRO	151.14	-78.13
HMP173	HASAGA_2018	50	GYRO	151.18	-78.05
HMP173	HASAGA_2018	55	GYRO	151.45	-77.98
HMP173	HASAGA_2018	60	GYRO	151.4	-77.84
HMP173	HASAGA_2018	65	GYRO	151.23	-77.71
HMP173	HASAGA_2018	70	GYRO	151.23	-77.56
HMP173	HASAGA_2018	75	GYRO	151.41	-77.56
HMP173	HASAGA_2018	80	GYRO	151.55	-77.56
HMP173	HASAGA_2018	85	GYRO	151.59	-77.55

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173	HASAGA_2018	90	GYRO	151.66	-77.42
HMP173	HASAGA_2018	95	GYRO	151.92	-77.34
HMP173	HASAGA_2018	100	GYRO	151.81	-77.32
HMP173	HASAGA_2018	105	GYRO	152.04	-77.27
HMP173	HASAGA_2018	110	GYRO	152.03	-77.21
HMP173	HASAGA_2018	115	GYRO	151.94	-77.06
HMP173	HASAGA_2018	120	GYRO	151.85	-76.99
HMP173	HASAGA_2018	125	GYRO	152.03	-76.92
HMP173	HASAGA_2018	130	GYRO	152.01	-76.79
HMP173	HASAGA_2018	135	GYRO	151.92	-76.7
HMP173	HASAGA_2018	140	GYRO	152.06	-76.57
HMP173	HASAGA_2018	145	GYRO	152.07	-76.5
HMP173	HASAGA_2018	150	GYRO	152.14	-76.36
HMP173	HASAGA_2018	155	GYRO	151.98	-76.22
HMP173	HASAGA_2018	160	GYRO	151.75	-76.07
HMP173	HASAGA_2018	165	GYRO	151.55	-75.87
HMP173	HASAGA_2018	170	GYRO	151.32	-75.58
HMP173	HASAGA_2018	175	GYRO	151.32	-75.36
HMP173	HASAGA_2018	180	GYRO	151.27	-75.16
HMP173	HASAGA_2018	185	GYRO	151.26	-74.84
HMP173	HASAGA_2018	190	GYRO	151.27	-74.63
HMP173	HASAGA_2018	195	GYRO	151.58	-74.44
HMP173	HASAGA_2018	200	GYRO	151.83	-74.39
HMP173	HASAGA_2018	205	GYRO	151.79	-74.31
HMP173	HASAGA_2018	210	GYRO	151.69	-74.16
HMP173	HASAGA_2018	215	GYRO	151.71	-74.02
HMP173	HASAGA_2018	220	GYRO	151.92	-73.94
HMP173	HASAGA_2018	225	GYRO	152.02	-73.94
HMP173	HASAGA_2018	230	GYRO	151.97	-73.87
HMP173	HASAGA_2018	235	GYRO	151.79	-73.72
HMP173	HASAGA_2018	240	GYRO	151.66	-73.51
HMP173	HASAGA_2018	245	GYRO	151.7	-73.38
HMP173	HASAGA_2018	250	GYRO	151.7	-73.28
HMP173	HASAGA_2018	255	GYRO	151.73	-73.15
HMP173	HASAGA_2018	260	GYRO	151.61	-73.15
HMP173	HASAGA_2018	265	GYRO	151.54	-72.95
HMP173	HASAGA_2018	275	GYRO	151.8	-72.78
HMP173	HASAGA_2018	280	GYRO	151.89	-72.71
HMP173	HASAGA_2018	285	GYRO	151.74	-72.66
HMP173	HASAGA_2018	290	GYRO	151.7	-72.5
HMP173	HASAGA_2018	295	GYRO	151.85	-72.37
HMP173	HASAGA_2018	300	GYRO	152.13	-72.3
HMP173	HASAGA_2018	305	GYRO	152.29	-72.14
HMP173	HASAGA_2018	310	GYRO	152.24	-72
HMP173	HASAGA_2018	315	GYRO	152.36	-71.85
HMP173	HASAGA_2018	320	GYRO	152.63	-71.63
HMP173	HASAGA_2018	325	GYRO	152.7	-71.57
HMP173	HASAGA_2018	330	GYRO	152.52	-71.5
HMP173	HASAGA_2018	335	GYRO	152.53	-71.37
HMP173	HASAGA_2018	340	GYRO	152.68	-71.22
HMP173	HASAGA_2018	345	GYRO	152.67	-71.05
HMP173	HASAGA_2018	350	GYRO	152.73	-70.91
HMP173	HASAGA_2018	355	GYRO	152.69	-70.76
HMP173	HASAGA_2018	360	GYRO	152.89	-70.55
HMP173	HASAGA_2018	365	GYRO	152.97	-70.47

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173	HASAGA_2018	370	GYRO	153.03	-70.33
HMP173	HASAGA_2018	375	GYRO	153.09	-70.11
HMP173	HASAGA_2018	380	GYRO	153.07	-69.97
HMP173	HASAGA_2018	385	GYRO	153.39	-69.83
HMP173	HASAGA_2018	390	GYRO	153.36	-69.61
HMP173	HASAGA_2018	395	GYRO	153.34	-69.54
HMP173	HASAGA_2018	400	GYRO	153.49	-69.23
HMP173	HASAGA_2018	405	GYRO	153.75	-69.1
HMP173	HASAGA_2018	410	GYRO	153.75	-68.99
HMP173	HASAGA_2018	415	GYRO	153.76	-68.79
HMP173	HASAGA_2018	420	GYRO	153.79	-68.65
HMP173	HASAGA_2018	425	GYRO	153.95	-68.49
HMP173	HASAGA_2018	430	GYRO	154.07	-68.32
HMP173	HASAGA_2018	435	GYRO	153.97	-68.22
HMP173	HASAGA_2018	440	GYRO	153.93	-68.05
HMP173	HASAGA_2018	445	GYRO	153.9	-67.85
HMP173	HASAGA_2018	450	GYRO	153.97	-67.74
HMP173	HASAGA_2018	455	GYRO	153.71	-67.58
HMP173	HASAGA_2018	460	GYRO	153.64	-67.39
HMP173	HASAGA_2018	465	GYRO	153.6	-67.1
HMP173	HASAGA_2018	470	GYRO	153.84	-67.01
HMP173	HASAGA_2018	475	GYRO	153.75	-66.79
HMP173	HASAGA_2018	480	GYRO	153.84	-66.57
HMP173	HASAGA_2018	485	GYRO	154.12	-66.42
HMP173	HASAGA_2018	490	GYRO	154.3	-66.26
HMP173	HASAGA_2018	495	GYRO	154.24	-66.04
HMP173	HASAGA_2018	500	GYRO	154.59	-65.66
HMP173	HASAGA_2018	505	GYRO	154.76	-65.54
HMP173	HASAGA_2018	510	GYRO	154.82	-65.45
HMP173	HASAGA_2018	515	GYRO	154.84	-65.27
HMP173	HASAGA_2018	520	GYRO	155.11	-65.07
HMP173	HASAGA_2018	525	GYRO	155.02	-64.91
HMP173	HASAGA_2018	530	GYRO	155.07	-64.9
HMP173	HASAGA_2018	535	GYRO	155.25	-64.84
HMP173	HASAGA_2018	540	GYRO	155.14	-64.84
HMP173	HASAGA_2018	545	GYRO	155.18	-64.68
HMP173	HASAGA_2018	550	GYRO	155.07	-64.69
HMP173	HASAGA_2018	555	GYRO	155.22	-64.54
HMP173	HASAGA_2018	560	GYRO	155.24	-64.59
HMP173	HASAGA_2018	565	GYRO	155.15	-64.53
HMP173	HASAGA_2018	570	GYRO	155.15	-64.45
HMP173	HASAGA_2018	575	GYRO	155.34	-64.37
HMP173	HASAGA_2018	580	GYRO	155.21	-64.41
HMP173	HASAGA_2018	585	GYRO	155.14	-64.39
HMP173	HASAGA_2018	590	GYRO	155.26	-64.23
HMP173	HASAGA_2018	595	GYRO	155.28	-64.22
HMP173	HASAGA_2018	600	GYRO	155.16	-63.92
HMP173	HASAGA_2018	605	GYRO	155.09	-63.8
HMP173	HASAGA_2018	610	GYRO	155.22	-63.71
HMP173	HASAGA_2018	615	GYRO	155.25	-63.54
HMP173	HASAGA_2018	620	GYRO	155.26	-63.49
HMP173	HASAGA_2018	625	GYRO	155.48	-63.39
HMP173	HASAGA_2018	635	GYRO	155.29	-63.18
HMP173	HASAGA_2018	640	GYRO	155.34	-63.08
HMP173	HASAGA_2018	645	GYRO	155.37	-63.14



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173	HASAGA_2018	650	GYRO	155.28	-63.02
HMP173	HASAGA_2018	655	GYRO	155.32	-62.95
HMP173	HASAGA_2018	660	GYRO	155.22	-62.85
HMP173	HASAGA_2018	665	GYRO	155.27	-62.79
HMP173	HASAGA_2018	670	GYRO	155.26	-62.74
HMP173	HASAGA_2018	675	GYRO	155.47	-62.56
HMP173	HASAGA_2018	680	GYRO	155.54	-62.46
HMP173	HASAGA_2018	685	GYRO	155.58	-62.36
HMP173	HASAGA_2018	690	GYRO	155.59	-62.31
HMP173	HASAGA_2018	695	GYRO	155.69	-62.23
HMP173	HASAGA_2018	700	GYRO	155.64	-62.08
HMP173	HASAGA_2018	705	GYRO	155.69	-62.01
HMP173	HASAGA_2018	710	GYRO	155.73	-61.85
HMP173	HASAGA_2018	715	GYRO	155.77	-61.77
HMP173	HASAGA_2018	720	GYRO	155.77	-61.66
HMP173	HASAGA_2018	725	GYRO	155.84	-61.6
HMP173	HASAGA_2018	730	GYRO	155.89	-61.54
HMP173	HASAGA_2018	735	GYRO	155.83	-61.45
HMP173	HASAGA_2018	740	GYRO	155.84	-61.44
HMP173	HASAGA_2018	745	GYRO	155.9	-61.38
HMP173	HASAGA_2018	750	GYRO	155.94	-61.29
HMP173	HASAGA_2018	755	GYRO	156.05	-61.04
HMP173	HASAGA_2018	760	GYRO	156.12	-60.8
HMP173	HASAGA_2018	765	GYRO	156.18	-60.76
HMP173	HASAGA_2018	770	GYRO	156.08	-60.58
HMP173	HASAGA_2018	775	GYRO	156.12	-60.58
HMP173	HASAGA_2018	785	GYRO	156.14	-60.36
HMP173	HASAGA_2018	790	GYRO	156.09	-60.28
HMP173	HASAGA_2018	795	GYRO	156.07	-60.26
HMP173	HASAGA_2018	800	GYRO	156.13	-60.12
HMP173	HASAGA_2018	805	GYRO	156.07	-60
HMP173	HASAGA_2018	810	GYRO	156.2	-59.96
HMP173	HASAGA_2018	815	GYRO	156.18	-59.88
HMP173	HASAGA_2018	820	GYRO	156.15	-59.77
HMP173	HASAGA_2018	825	GYRO	156.26	-59.64
HMP173	HASAGA_2018	830	GYRO	156.3	-59.45
HMP173	HASAGA_2018	835	GYRO	156.32	-59.1
HMP173	HASAGA_2018	840	GYRO	156.31	-58.97
HMP173	HASAGA_2018	845	GYRO	156.26	-58.86
HMP173	HASAGA_2018	850	GYRO	156.26	-58.74
HMP173	HASAGA_2018	855	GYRO	156.27	-58.61
HMP173	HASAGA_2018	860	GYRO	156.27	-58.58
HMP173	HASAGA_2018	865	GYRO	156.24	-58.52
HMP173	HASAGA_2018	870	GYRO	156.25	-58.46
HMP173	HASAGA_2018	875	GYRO	156.21	-58.45
HMP173	HASAGA_2018	880	GYRO	156.27	-58.35
HMP173	HASAGA_2018	885	GYRO	156.17	-58.22
HMP173	HASAGA_2018	890	GYRO	156.2	-58.11
HMP173w1	HASAGA_2018	0	GYRO	148.26	-79.53
HMP173w1	HASAGA_2018	5	GYRO	148.5	-79.24
HMP173w1	HASAGA_2018	10	GYRO	148.79	-79.17
HMP173w1	HASAGA_2018	15	GYRO	149.01	-79.18
HMP173w1	HASAGA_2018	20	GYRO	149.08	-79.11
HMP173w1	HASAGA_2018	25	GYRO	149.08	-79.03
HMP173w1	HASAGA_2018	30	GYRO	149.68	-78.62

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173w1	HASAGA_2018	35	GYRO	150.21	-78.33
HMP173w1	HASAGA_2018	40	GYRO	150.94	-78.27
HMP173w1	HASAGA_2018	45	GYRO	151.14	-78.13
HMP173w1	HASAGA_2018	50	GYRO	151.18	-78.05
HMP173w1	HASAGA_2018	55	GYRO	151.45	-77.98
HMP173w1	HASAGA_2018	60	GYRO	151.4	-77.84
HMP173w1	HASAGA_2018	65	GYRO	151.23	-77.71
HMP173w1	HASAGA_2018	70	GYRO	151.23	-77.56
HMP173w1	HASAGA_2018	75	GYRO	151.41	-77.56
HMP173w1	HASAGA_2018	80	GYRO	151.55	-77.56
HMP173w1	HASAGA_2018	85	GYRO	151.59	-77.55
HMP173w1	HASAGA_2018	90	GYRO	151.66	-77.42
HMP173w1	HASAGA_2018	95	GYRO	151.92	-77.34
HMP173w1	HASAGA_2018	100	GYRO	151.81	-77.32
HMP173w1	HASAGA_2018	105	GYRO	152.04	-77.27
HMP173w1	HASAGA_2018	110	GYRO	152.03	-77.21
HMP173w1	HASAGA_2018	115	GYRO	151.94	-77.06
HMP173w1	HASAGA_2018	120	GYRO	151.85	-76.99
HMP173w1	HASAGA_2018	125	GYRO	152.03	-76.92
HMP173w1	HASAGA_2018	130	GYRO	152.01	-76.79
HMP173w1	HASAGA_2018	135	GYRO	151.92	-76.7
HMP173w1	HASAGA_2018	140	GYRO	152.06	-76.57
HMP173w1	HASAGA_2018	145	GYRO	152.07	-76.5
HMP173w1	HASAGA_2018	150	GYRO	152.14	-76.36
HMP173w1	HASAGA_2018	155	GYRO	151.98	-76.22
HMP173w1	HASAGA_2018	160	GYRO	151.75	-76.07
HMP173w1	HASAGA_2018	165	GYRO	151.55	-75.87
HMP173w1	HASAGA_2018	170	GYRO	151.32	-75.58
HMP173w1	HASAGA_2018	175	GYRO	151.32	-75.36
HMP173w1	HASAGA_2018	180	GYRO	151.27	-75.16
HMP173w1	HASAGA_2018	185	GYRO	151.26	-74.84
HMP173w1	HASAGA_2018	190	GYRO	151.27	-74.63
HMP173w1	HASAGA_2018	195	GYRO	151.58	-74.44
HMP173w1	HASAGA_2018	200	GYRO	151.83	-74.39
HMP173w1	HASAGA_2018	205	GYRO	151.79	-74.31
HMP173w1	HASAGA_2018	210	GYRO	151.69	-74.16
HMP173w1	HASAGA_2018	215	GYRO	151.71	-74.02
HMP173w1	HASAGA_2018	220	GYRO	151.92	-73.94
HMP173w1	HASAGA_2018	225	GYRO	152.02	-73.94
HMP173w1	HASAGA_2018	230	GYRO	151.97	-73.87
HMP173w1	HASAGA_2018	235	GYRO	151.79	-73.72
HMP173w1	HASAGA_2018	240	GYRO	151.66	-73.51
HMP173w1	HASAGA_2018	245	GYRO	151.7	-73.38
HMP173w1	HASAGA_2018	250	GYRO	151.7	-73.28
HMP173w1	HASAGA_2018	255	GYRO	151.73	-73.15
HMP173w1	HASAGA_2018	260	GYRO	151.61	-73.15
HMP173w1	HASAGA_2018	265	GYRO	151.54	-72.95
HMP173w1	HASAGA_2018	270	GYRO	151.7	-72.86
HMP173w1	HASAGA_2018	275	GYRO	151.8	-72.78
HMP173w1	HASAGA_2018	280	GYRO	151.89	-72.71
HMP173w1	HASAGA_2018	285	GYRO	151.74	-72.66
HMP173w1	HASAGA_2018	290	GYRO	151.7	-72.5
HMP173w1	HASAGA_2018	295	GYRO	151.85	-72.37
HMP173w1	HASAGA_2018	300	GYRO	152.13	-72.3
HMP173w1	HASAGA_2018	305	GYRO	152.29	-72.14

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173w1	HASAGA_2018	310	GYRO	152.24	-72
HMP173w1	HASAGA_2018	315	GYRO	152.36	-71.85
HMP173w1	HASAGA_2018	320	GYRO	152.63	-71.63
HMP173w1	HASAGA_2018	325	GYRO	152.7	-71.57
HMP173w1	HASAGA_2018	330	GYRO	152.52	-71.5
HMP173w1	HASAGA_2018	335	GYRO	152.53	-71.37
HMP173w1	HASAGA_2018	340	GYRO	152.68	-71.22
HMP173w1	HASAGA_2018	345	GYRO	152.67	-71.05
HMP173w1	HASAGA_2018	350	GYRO	152.73	-70.91
HMP173w1	HASAGA_2018	355	GYRO	152.69	-70.76
HMP173w1	HASAGA_2018	360	GYRO	152.89	-70.55
HMP173w1	HASAGA_2018	365	GYRO	152.97	-70.47
HMP173w1	HASAGA_2018	370	GYRO	153.03	-70.33
HMP173w1	HASAGA_2018	375	GYRO	153.09	-70.11
HMP173w1	HASAGA_2018	380	GYRO	153.07	-69.97
HMP173w1	HASAGA_2018	385	GYRO	153.39	-69.83
HMP173w1	HASAGA_2018	390	GYRO	153.36	-69.61
HMP173w1	HASAGA_2018	395	GYRO	153.34	-69.54
HMP173w1	HASAGA_2018	400	GYRO	153.49	-69.23
HMP173w1	HASAGA_2018	405	GYRO	155.05	-69.03
HMP173w1	HASAGA_2018	410	GYRO	155.1	-68.77
HMP173w1	HASAGA_2018	415	GYRO	155.25	-68.65
HMP173w1	HASAGA_2018	420	GYRO	155.3	-68.48
HMP173w1	HASAGA_2018	425	GYRO	155.4	-68.42
HMP173w1	HASAGA_2018	430	GYRO	155.21	-68.21
HMP173w1	HASAGA_2018	435	GYRO	155.31	-68.04
HMP173w1	HASAGA_2018	440	GYRO	155.32	-67.83
HMP173w1	HASAGA_2018	445	GYRO	155.22	-67.84
HMP173w1	HASAGA_2018	450	GYRO	155.09	-67.54
HMP173w1	HASAGA_2018	455	GYRO	155.09	-67.46
HMP173w1	HASAGA_2018	460	GYRO	154.82	-67.23
HMP173w1	HASAGA_2018	465	GYRO	154.85	-67.01
HMP173w1	HASAGA_2018	470	GYRO	154.91	-66.73
HMP173w1	HASAGA_2018	475	GYRO	154.91	-66.8
HMP173w1	HASAGA_2018	476	GYRO	155.17	-66.61
HMP173w1	HASAGA_2018	477	GYRO	155.1	-66.57
HMP173w1	HASAGA_2018	478	GYRO	155.19	-66.49
HMP173w1	HASAGA_2018	479	GYRO	155.24	-66.48
HMP173w1	HASAGA_2018	480	GYRO	155.24	-66.33
HMP173w1	HASAGA_2018	481	GYRO	155.31	-66.33
HMP173w1	HASAGA_2018	482	GYRO	155.37	-66.32
HMP173w1	HASAGA_2018	483	GYRO	155.49	-66.35
HMP173w1	HASAGA_2018	484	GYRO	155.54	-66.36
HMP173w1	HASAGA_2018	485	GYRO	155.49	-66.35
HMP173w1	HASAGA_2018	486	GYRO	155.4	-66.3
HMP173w1	HASAGA_2018	487	GYRO	155.35	-66.2
HMP173w1	HASAGA_2018	488	GYRO	155.36	-66.13
HMP173w1	HASAGA_2018	489	GYRO	155.33	-66.07
HMP173w1	HASAGA_2018	490	GYRO	155.42	-65.99
HMP173w1	HASAGA_2018	491	GYRO	155.74	-65.96
HMP173w1	HASAGA_2018	492	GYRO	155.87	-65.98
HMP173w1	HASAGA_2018	493	GYRO	155.73	-65.96
HMP173w1	HASAGA_2018	494	GYRO	155.62	-65.9
HMP173w1	HASAGA_2018	495	GYRO	155.56	-65.9
HMP173w1	HASAGA_2018	496	GYRO	155.54	-65.87

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173w1	HASAGA_2018	497	GYRO	155.52	-65.8
HMP173w1	HASAGA_2018	498	GYRO	155.54	-65.72
HMP173w1	HASAGA_2018	499	GYRO	155.61	-65.66
HMP173w1	HASAGA_2018	500	GYRO	155.75	-65.51
HMP173w1	HASAGA_2018	501	GYRO	155.72	-65.46
HMP173w1	HASAGA_2018	502	GYRO	155.76	-65.46
HMP173w1	HASAGA_2018	503	GYRO	155.82	-65.47
HMP173w1	HASAGA_2018	504	GYRO	155.82	-65.51
HMP173w1	HASAGA_2018	505	GYRO	155.9	-65.51
HMP173w1	HASAGA_2018	506	GYRO	156.23	-65.46
HMP173w1	HASAGA_2018	507	GYRO	156.85	-65.22
HMP173w1	HASAGA_2018	508	GYRO	157.92	-64.84
HMP173w1	HASAGA_2018	509	GYRO	158.64	-64.4
HMP173w1	HASAGA_2018	510	GYRO	158.87	-64.14
HMP173w1	HASAGA_2018	511	GYRO	159.12	-63.86
HMP173w1	HASAGA_2018	512	GYRO	159.29	-63.69
HMP173w1	HASAGA_2018	513	GYRO	159.53	-63.54
HMP173w1	HASAGA_2018	514	GYRO	159.66	-63.3
HMP173w1	HASAGA_2018	515	GYRO	159.8	-63.07
HMP173w1	HASAGA_2018	516	GYRO	159.86	-62.92
HMP173w1	HASAGA_2018	517	GYRO	159.91	-62.7
HMP173w1	HASAGA_2018	518	GYRO	160.03	-62.4
HMP173w1	HASAGA_2018	519	GYRO	160.14	-62.24
HMP173w1	HASAGA_2018	520	GYRO	160.23	-62.07
HMP173w1	HASAGA_2018	521	GYRO	160.29	-61.93
HMP173w1	HASAGA_2018	522	GYRO	160.25	-61.77
HMP173w1	HASAGA_2018	523	GYRO	160.31	-61.7
HMP173w1	HASAGA_2018	524	GYRO	160.43	-61.46
HMP173w1	HASAGA_2018	525	GYRO	160.46	-61.38
HMP173w1	HASAGA_2018	526	GYRO	160.48	-61.3
HMP173w1	HASAGA_2018	527	GYRO	160.51	-61.29
HMP173w1	HASAGA_2018	528	GYRO	160.54	-61.21
HMP173w1	HASAGA_2018	529	GYRO	160.53	-61.12
HMP173w1	HASAGA_2018	530	GYRO	160.54	-61.05
HMP173w1	HASAGA_2018	531	GYRO	160.56	-61.06
HMP173w1	HASAGA_2018	532	GYRO	160.61	-60.98
HMP173w1	HASAGA_2018	533	GYRO	160.63	-60.91
HMP173w1	HASAGA_2018	534	GYRO	160.75	-60.83
HMP173w1	HASAGA_2018	535	GYRO	160.92	-60.9
HMP173w1	HASAGA_2018	536	GYRO	160.92	-60.79
HMP173w1	HASAGA_2018	537	GYRO	160.96	-60.79
HMP173w1	HASAGA_2018	538	GYRO	161.06	-60.74
HMP173w1	HASAGA_2018	539	GYRO	161.1	-60.74
HMP173w1	HASAGA_2018	540	GYRO	161.14	-60.81
HMP173w1	HASAGA_2018	541	GYRO	161.14	-60.75
HMP173w1	HASAGA_2018	542	GYRO	161.2	-60.74
HMP173w1	HASAGA_2018	543	GYRO	161.27	-60.76
HMP173w1	HASAGA_2018	544	GYRO	161.35	-60.68
HMP173w1	HASAGA_2018	545	GYRO	161.42	-60.65
HMP173w1	HASAGA_2018	546	GYRO	161.45	-60.6
HMP173w1	HASAGA_2018	547	GYRO	161.44	-60.58
HMP173w1	HASAGA_2018	548	GYRO	161.4	-60.56
HMP173w1	HASAGA_2018	549	GYRO	161.43	-60.49
HMP173w1	HASAGA_2018	550	GYRO	161.53	-60.44
HMP173w1	HASAGA_2018	551	GYRO	161.53	-60.38

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173w1	HASAGA_2018	552	GYRO	161.54	-60.38
HMP173w1	HASAGA_2018	553	GYRO	161.57	-60.31
HMP173w1	HASAGA_2018	554	GYRO	161.59	-60.36
HMP173w1	HASAGA_2018	555	GYRO	161.63	-60.35
HMP173w1	HASAGA_2018	556	GYRO	161.67	-60.28
HMP173w1	HASAGA_2018	557	GYRO	161.67	-60.26
HMP173w1	HASAGA_2018	558	GYRO	161.7	-60.24
HMP173w1	HASAGA_2018	559	GYRO	161.8	-60.17
HMP173w1	HASAGA_2018	560	GYRO	161.83	-60.17
HMP173w1	HASAGA_2018	561	GYRO	161.8	-60.09
HMP173w1	HASAGA_2018	562	GYRO	161.83	-60.1
HMP173w1	HASAGA_2018	563	GYRO	161.85	-60.06
HMP173w1	HASAGA_2018	564	GYRO	161.86	-60.05
HMP173w1	HASAGA_2018	565	GYRO	161.92	-60.03
HMP173w1	HASAGA_2018	566	GYRO	162	-59.96
HMP173w1	HASAGA_2018	567	GYRO	162.09	-59.96
HMP173w1	HASAGA_2018	568	GYRO	162.07	-59.94
HMP173w1	HASAGA_2018	569	GYRO	161.99	-59.87
HMP173w1	HASAGA_2018	570	GYRO	162.01	-59.88
HMP173w1	HASAGA_2018	571	GYRO	162.06	-59.86
HMP173w1	HASAGA_2018	572	GYRO	162.13	-59.81
HMP173w1	HASAGA_2018	573	GYRO	162.2	-59.79
HMP173w1	HASAGA_2018	574	GYRO	162.24	-59.79
HMP173w1	HASAGA_2018	575	GYRO	162.29	-59.8
HMP173w1	HASAGA_2018	576	GYRO	162.32	-59.7
HMP173w1	HASAGA_2018	577	GYRO	162.33	-59.64
HMP173w1	HASAGA_2018	578	GYRO	162.38	-59.62
HMP173w1	HASAGA_2018	579	GYRO	162.41	-59.56
HMP173w1	HASAGA_2018	580	GYRO	162.43	-59.55
HMP173w1	HASAGA_2018	581	GYRO	162.46	-59.54
HMP173w1	HASAGA_2018	582	GYRO	162.53	-59.53
HMP173w1	HASAGA_2018	583	GYRO	162.55	-59.49
HMP173w1	HASAGA_2018	584	GYRO	162.67	-59.47
HMP173w1	HASAGA_2018	585	GYRO	162.72	-59.47
HMP173w1	HASAGA_2018	586	GYRO	162.65	-59.48
HMP173w1	HASAGA_2018	587	GYRO	162.65	-59.48
HMP173w1	HASAGA_2018	588	GYRO	162.69	-59.39
HMP173w1	HASAGA_2018	589	GYRO	162.73	-59.38
HMP173w1	HASAGA_2018	590	GYRO	162.82	-59.42
HMP173w1	HASAGA_2018	591	GYRO	162.86	-59.31
HMP173w1	HASAGA_2018	592	GYRO	162.8	-59.24
HMP173w1	HASAGA_2018	593	GYRO	162.7	-58.99
HMP173w1	HASAGA_2018	594	GYRO	162.49	-58.57
HMP173w1	HASAGA_2018	595	GYRO	162.25	-58.17
HMP173w1	HASAGA_2018	596	GYRO	162.04	-57.79
HMP173w1	HASAGA_2018	597	GYRO	161.94	-57.52
HMP173w1	HASAGA_2018	598	GYRO	161.91	-57.45
HMP173w1	HASAGA_2018	599	GYRO	161.8	-57.33
HMP173w1	HASAGA_2018	600	GYRO	161.79	-57.14
HMP173w1	HASAGA_2018	601	GYRO	161.79	-57.1
HMP173w1	HASAGA_2018	602	GYRO	161.79	-57.1
HMP173w1	HASAGA_2018	603	GYRO	161.7	-57.11
HMP173w1	HASAGA_2018	604	GYRO	161.7	-57.11
HMP173w1	HASAGA_2018	605	GYRO	161.67	-57.05
HMP173w1	HASAGA_2018	606	GYRO	161.6	-57.04

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173w1	HASAGA_2018	607	GYRO	161.55	-56.94
HMP173w1	HASAGA_2018	608	GYRO	161.53	-56.81
HMP173w1	HASAGA_2018	609	GYRO	161.51	-56.82
HMP173w1	HASAGA_2018	610	GYRO	161.52	-56.79
HMP173w1	HASAGA_2018	611	GYRO	161.59	-56.75
HMP173w1	HASAGA_2018	612	GYRO	161.58	-56.72
HMP173w1	HASAGA_2018	613	GYRO	161.59	-56.67
HMP173w1	HASAGA_2018	614	GYRO	161.65	-56.69
HMP173w1	HASAGA_2018	615	GYRO	161.62	-56.72
HMP173w1	HASAGA_2018	616	GYRO	161.62	-56.65
HMP173w1	HASAGA_2018	617	GYRO	161.65	-56.63
HMP173w1	HASAGA_2018	618	GYRO	161.64	-56.64
HMP173w1	HASAGA_2018	619	GYRO	161.68	-56.58
HMP173w1	HASAGA_2018	620	GYRO	161.7	-56.57
HMP173w1	HASAGA_2018	621	GYRO	161.72	-56.53
HMP173w1	HASAGA_2018	622	GYRO	161.74	-56.49
HMP173w1	HASAGA_2018	623	GYRO	161.73	-56.48
HMP173w1	HASAGA_2018	624	GYRO	161.75	-56.4
HMP173w1	HASAGA_2018	625	GYRO	161.8	-56.39
HMP173w1	HASAGA_2018	626	GYRO	161.8	-56.32
HMP173w1	HASAGA_2018	627	GYRO	161.79	-56.29
HMP173w1	HASAGA_2018	628	GYRO	161.79	-56.3
HMP173w1	HASAGA_2018	629	GYRO	161.79	-56.24
HMP173w1	HASAGA_2018	630	GYRO	161.8	-56.09
HMP173w1	HASAGA_2018	635	GYRO	161.91	-56
HMP173w1	HASAGA_2018	640	GYRO	162	-55.84
HMP173w1	HASAGA_2018	645	GYRO	162.01	-55.65
HMP173w1	HASAGA_2018	650	GYRO	162.12	-55.57
HMP173w1	HASAGA_2018	655	GYRO	162.16	-55.35
HMP173w1	HASAGA_2018	660	GYRO	162.2	-55.18
HMP173w1	HASAGA_2018	665	GYRO	162.18	-55.11
HMP173w1	HASAGA_2018	670	GYRO	162.03	-55.01
HMP173w1	HASAGA_2018	675	GYRO	162.03	-54.89
HMP173w1	HASAGA_2018	680	GYRO	161.96	-54.82
HMP173w1	HASAGA_2018	685	GYRO	162.06	-54.67
HMP173w1	HASAGA_2018	690	GYRO	162.08	-54.56
HMP173w1	HASAGA_2018	695	GYRO	162.18	-54.41
HMP173w1	HASAGA_2018	700	GYRO	162.27	-54.24
HMP173w1	HASAGA_2018	705	GYRO	162.27	-54.19
HMP173w1	HASAGA_2018	710	GYRO	162.29	-54.15
HMP173w1	HASAGA_2018	715	GYRO	162.35	-54.07
HMP173w1	HASAGA_2018	720	GYRO	162.4	-53.99
HMP173w1	HASAGA_2018	725	GYRO	162.36	-53.9
HMP173w1	HASAGA_2018	730	GYRO	162.35	-53.86
HMP173w1	HASAGA_2018	735	GYRO	162.35	-53.71
HMP173w1	HASAGA_2018	740	GYRO	162.25	-53.48
HMP173w1	HASAGA_2018	745	GYRO	162.36	-53.44
HMP173w1	HASAGA_2018	750	GYRO	162.17	-53.32
HMP173w1	HASAGA_2018	755	GYRO	162.31	-53
HMP173w1	HASAGA_2018	760	GYRO	162.36	-52.78
HMP173w1	HASAGA_2018	765	GYRO	162.28	-52.69
HMP173w1	HASAGA_2018	770	GYRO	162.22	-52.51
HMP173w1	HASAGA_2018	775	GYRO	162.17	-52.34
HMP173w1	HASAGA_2018	780	GYRO	162.33	-52.16
HMP173w1	HASAGA_2018	785	GYRO	162.34	-51.97

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP173w1	HASAGA_2018	790	GYRO	162.36	-51.81
HMP173w1	HASAGA_2018	795	GYRO	162.34	-51.57
HMP173w1	HASAGA_2018	800	GYRO	162.35	-51.48
HMP173w1	HASAGA_2018	805	GYRO	162.35	-51.46
HMP173w1	HASAGA_2018	810	GYRO	162.3	-51.53
HMP173w1	HASAGA_2018	815	GYRO	162.33	-51.4
HMP173w1	HASAGA_2018	820	GYRO	162.32	-51.3
HMP173w1	HASAGA_2018	825	GYRO	162.27	-51.27
HMP173w1	HASAGA_2018	830	GYRO	162.26	-51.13
HMP173w1	HASAGA_2018	835	GYRO	162.18	-51.1
HMP173w1	HASAGA_2018	840	GYRO	162.09	-50.9
HMP174	HASAGA_2018	0	GYRO	306.33	-73.03
HMP174	HASAGA_2018	5	GYRO	307.17	-73.3
HMP174	HASAGA_2018	10	GYRO	307.22	-73.17
HMP174	HASAGA_2018	15	GYRO	307.18	-73.17
HMP174	HASAGA_2018	20	GYRO	307.15	-73.09
HMP174	HASAGA_2018	25	GYRO	307.15	-73.08
HMP174	HASAGA_2018	30	GYRO	307.22	-73.08
HMP174	HASAGA_2018	35	GYRO	307.42	-73.03
HMP174	HASAGA_2018	40	GYRO	307.3	-72.93
HMP174	HASAGA_2018	45	GYRO	307.75	-72.89
HMP174	HASAGA_2018	50	GYRO	308.01	-72.75
HMP174	HASAGA_2018	55	GYRO	308.07	-72.68
HMP174	HASAGA_2018	60	GYRO	308.6	-72.58
HMP174	HASAGA_2018	65	GYRO	307.31	-72.54
HMP174	HASAGA_2018	70	GYRO	309.5	-72.42
HMP174	HASAGA_2018	75	GYRO	309.61	-72.33
HMP174	HASAGA_2018	80	GYRO	310.03	-72.28
HMP174	HASAGA_2018	85	GYRO	310.09	-72.24
HMP174	HASAGA_2018	90	GYRO	310.29	-72.17
HMP174	HASAGA_2018	95	GYRO	310.6	-72.01
HMP174	HASAGA_2018	100	GYRO	311.02	-71.92
HMP174	HASAGA_2018	105	GYRO	311.03	-71.68
HMP174	HASAGA_2018	110	GYRO	311.51	-71.62
HMP174	HASAGA_2018	115	GYRO	311.83	-71.47
HMP174	HASAGA_2018	120	GYRO	311.85	-71.4
HMP174	HASAGA_2018	125	GYRO	312.18	-71.25
HMP174	HASAGA_2018	130	GYRO	312.54	-71.17
HMP174	HASAGA_2018	135	GYRO	312.36	-71.18
HMP174	HASAGA_2018	140	GYRO	312.45	-71.12
HMP174	HASAGA_2018	145	GYRO	312.66	-70.95
HMP174	HASAGA_2018	150	GYRO	312.92	-70.96
HMP174	HASAGA_2018	155	GYRO	312.91	-70.89
HMP174	HASAGA_2018	160	GYRO	312.78	-70.89
HMP174	HASAGA_2018	165	GYRO	312.75	-70.87
HMP174	HASAGA_2018	170	GYRO	312.8	-70.82
HMP174	HASAGA_2018	175	GYRO	312.77	-70.82
HMP174	HASAGA_2018	180	GYRO	312.82	-70.72
HMP174	HASAGA_2018	185	GYRO	313.47	-70.51
HMP174	HASAGA_2018	190	GYRO	313.58	-70.44
HMP174	HASAGA_2018	195	GYRO	313.81	-70.35
HMP174	HASAGA_2018	200	GYRO	313.94	-70.33
HMP174	HASAGA_2018	205	GYRO	313.53	-70.32
HMP174	HASAGA_2018	210	GYRO	313.69	-70.3
HMP174	HASAGA_2018	215	GYRO	313.65	-70.25

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP174	HASAGA_2018	220	GYRO	313.84	-70.01
HMP174	HASAGA_2018	225	GYRO	313.67	-70.02
HMP174	HASAGA_2018	230	GYRO	313.89	-69.99
HMP174	HASAGA_2018	235	GYRO	313.81	-69.94
HMP174	HASAGA_2018	240	GYRO	314.03	-69.87
HMP174	HASAGA_2018	245	GYRO	314.19	-69.74
HMP174	HASAGA_2018	250	GYRO	314.3	-69.67
HMP174	HASAGA_2018	255	GYRO	314.21	-69.56
HMP174	HASAGA_2018	260	GYRO	314.56	-69.51
HMP174	HASAGA_2018	265	GYRO	314.65	-69.37
HMP174	HASAGA_2018	270	GYRO	314.74	-69.29
HMP174	HASAGA_2018	275	GYRO	314.85	-69.22
HMP174	HASAGA_2018	280	GYRO	314.93	-69.14
HMP174	HASAGA_2018	285	GYRO	315	-69.22
HMP174	HASAGA_2018	290	GYRO	315.07	-69.15
HMP174	HASAGA_2018	295	GYRO	315.02	-69.13
HMP174	HASAGA_2018	300	GYRO	315.21	-69.04
HMP174	HASAGA_2018	305	GYRO	315.27	-69.02
HMP174	HASAGA_2018	310	GYRO	315.18	-69.06
HMP174	HASAGA_2018	315	GYRO	315.25	-68.99
HMP174	HASAGA_2018	320	GYRO	315.34	-68.91
HMP174	HASAGA_2018	325	GYRO	315.4	-68.92
HMP174	HASAGA_2018	335	GYRO	315.4	-68.77
HMP174	HASAGA_2018	340	GYRO	315.61	-68.7
HMP174	HASAGA_2018	345	GYRO	315.46	-68.68
HMP174	HASAGA_2018	350	GYRO	315.66	-68.64
HMP174	HASAGA_2018	355	GYRO	315.72	-68.55
HMP174	HASAGA_2018	360	GYRO	315.78	-68.52
HMP174	HASAGA_2018	365	GYRO	315.77	-68.48
HMP174	HASAGA_2018	370	GYRO	315.72	-68.4
HMP174	HASAGA_2018	375	GYRO	315.7	-68.39
HMP174	HASAGA_2018	380	GYRO	315.67	-68.34
HMP174	HASAGA_2018	385	GYRO	315.86	-68.32
HMP174	HASAGA_2018	390	GYRO	315.91	-68.24
HMP174	HASAGA_2018	395	GYRO	316.04	-68.19
HMP174	HASAGA_2018	400	GYRO	316.04	-68.04
HMP174	HASAGA_2018	405	GYRO	315.95	-68.07
HMP174	HASAGA_2018	406	GYRO	315.96	-68.1
HMP174	HASAGA_2018	407	GYRO	316.21	-68.03
HMP174	HASAGA_2018	408	GYRO	316.17	-68.05
HMP174	HASAGA_2018	409	GYRO	316.16	-68.03
HMP174	HASAGA_2018	410	GYRO	316.17	-68.03
HMP174	HASAGA_2018	411	GYRO	316.04	-68.04
HMP174	HASAGA_2018	412	GYRO	316.01	-67.98
HMP174	HASAGA_2018	413	GYRO	316.09	-67.98
HMP174	HASAGA_2018	414	GYRO	316.11	-67.98
HMP174	HASAGA_2018	415	GYRO	316.09	-67.98
HMP174	HASAGA_2018	416	GYRO	316.08	-67.95
HMP174	HASAGA_2018	417	GYRO	316.23	-67.98
HMP174	HASAGA_2018	418	GYRO	316.38	-67.96
HMP174	HASAGA_2018	419	GYRO	316.5	-67.9
HMP174	HASAGA_2018	420	GYRO	316.49	-67.88
HMP174	HASAGA_2018	421	GYRO	316.5	-67.9
HMP174	HASAGA_2018	422	GYRO	316.46	-67.82
HMP174	HASAGA_2018	423	GYRO	316.44	-67.82



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP174	HASAGA_2018	424	GYRO	316.48	-67.81
HMP174	HASAGA_2018	425	GYRO	316.58	-67.74
HMP174	HASAGA_2018	426	GYRO	316.58	-67.67
HMP174	HASAGA_2018	427	GYRO	316.45	-67.45
HMP174	HASAGA_2018	428	GYRO	316.24	-67
HMP174	HASAGA_2018	429	GYRO	316.01	-66.63
HMP174	HASAGA_2018	430	GYRO	315.86	-66.19
HMP174	HASAGA_2018	431	GYRO	315.9	-66.04
HMP174	HASAGA_2018	432	GYRO	316.03	-65.8
HMP174	HASAGA_2018	433	GYRO	316.27	-65.65
HMP174	HASAGA_2018	434	GYRO	316.6	-65.57
HMP174	HASAGA_2018	435	GYRO	316.92	-65.49
HMP174	HASAGA_2018	436	GYRO	317.17	-65.42
HMP174	HASAGA_2018	437	GYRO	317.61	-65.19
HMP174	HASAGA_2018	438	GYRO	317.77	-65.12
HMP174	HASAGA_2018	439	GYRO	317.88	-64.98
HMP174	HASAGA_2018	440	GYRO	318.12	-64.95
HMP174	HASAGA_2018	441	GYRO	318.31	-64.77
HMP174	HASAGA_2018	442	GYRO	318.57	-64.66
HMP174	HASAGA_2018	443	GYRO	318.78	-64.44
HMP174	HASAGA_2018	444	GYRO	318.86	-64.38
HMP174	HASAGA_2018	445	GYRO	319.03	-64.3
HMP174	HASAGA_2018	446	GYRO	319.22	-64.22
HMP174	HASAGA_2018	447	GYRO	319.38	-64.14
HMP174	HASAGA_2018	448	GYRO	319.45	-64.05
HMP174	HASAGA_2018	449	GYRO	319.49	-63.98
HMP174	HASAGA_2018	450	GYRO	319.69	-63.84
HMP174	HASAGA_2018	451	GYRO	319.9	-63.75
HMP174	HASAGA_2018	452	GYRO	320.03	-63.69
HMP174	HASAGA_2018	453	GYRO	320.13	-63.66
HMP174	HASAGA_2018	454	GYRO	320.19	-63.64
HMP174	HASAGA_2018	455	GYRO	320.22	-63.62
HMP174	HASAGA_2018	456	GYRO	320.19	-63.51
HMP174	HASAGA_2018	457	GYRO	320.24	-63.45
HMP174	HASAGA_2018	458	GYRO	320.33	-63.38
HMP174	HASAGA_2018	459	GYRO	320.39	-63.27
HMP174	HASAGA_2018	460	GYRO	320.43	-63.23
HMP174	HASAGA_2018	461	GYRO	320.39	-63.22
HMP174	HASAGA_2018	462	GYRO	320.34	-63.15
HMP174	HASAGA_2018	463	GYRO	320.39	-63.06
HMP174	HASAGA_2018	464	GYRO	320.57	-62.98
HMP174	HASAGA_2018	466	GYRO	320.69	-62.89
HMP174	HASAGA_2018	467	GYRO	320.76	-62.83
HMP174	HASAGA_2018	468	GYRO	320.76	-62.82
HMP174	HASAGA_2018	469	GYRO	320.72	-62.76
HMP174	HASAGA_2018	470	GYRO	320.71	-62.76
HMP174	HASAGA_2018	475	GYRO	320.67	-62.68
HMP174	HASAGA_2018	480	GYRO	320.75	-62.61
HMP174	HASAGA_2018	485	GYRO	320.67	-62.55
HMP174	HASAGA_2018	490	GYRO	320.82	-62.47
HMP174	HASAGA_2018	495	GYRO	320.8	-62.37
HMP174	HASAGA_2018	500	GYRO	320.93	-62.3
HMP174	HASAGA_2018	505	GYRO	320.99	-62.21
HMP174	HASAGA_2018	515	GYRO	321.05	-62.07
HMP174	HASAGA_2018	520	GYRO	321.08	-62

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP174	HASAGA_2018	525	GYRO	321.03	-61.91
HMP174	HASAGA_2018	530	GYRO	321.07	-61.83
HMP174	HASAGA_2018	535	GYRO	321.01	-61.77
HMP174	HASAGA_2018	540	GYRO	321.02	-61.65
HMP174	HASAGA_2018	545	GYRO	321.19	-61.53
HMP174	HASAGA_2018	550	GYRO	321.11	-61.44
HMP174	HASAGA_2018	555	GYRO	321.22	-61.37
HMP174	HASAGA_2018	560	GYRO	321.08	-61.28
HMP174	HASAGA_2018	565	GYRO	321.15	-61.27
HMP174	HASAGA_2018	570	GYRO	321.28	-61.2
HMP174	HASAGA_2018	571	GYRO	321.2	-61.13
HMP174	HASAGA_2018	572	GYRO	321.14	-61.14
HMP174	HASAGA_2018	573	GYRO	321.17	-61.13
HMP174	HASAGA_2018	574	GYRO	321.22	-61.12
HMP174	HASAGA_2018	575	GYRO	321.29	-61.12
HMP174	HASAGA_2018	576	GYRO	321.29	-61.12
HMP174	HASAGA_2018	577	GYRO	321.28	-61.13
HMP174	HASAGA_2018	578	GYRO	321.26	-61.05
HMP174	HASAGA_2018	579	GYRO	321.26	-61.05
HMP174	HASAGA_2018	580	GYRO	321.28	-60.95
HMP174	HASAGA_2018	581	GYRO	321.27	-61.04
HMP174	HASAGA_2018	582	GYRO	321.27	-61.06
HMP174	HASAGA_2018	583	GYRO	321.22	-61.05
HMP174	HASAGA_2018	584	GYRO	321.16	-60.97
HMP174	HASAGA_2018	585	GYRO	321.15	-60.89
HMP174	HASAGA_2018	586	GYRO	321.19	-60.89
HMP174	HASAGA_2018	587	GYRO	321.28	-60.96
HMP174	HASAGA_2018	588	GYRO	321.25	-60.98
HMP174	HASAGA_2018	589	GYRO	321.23	-60.96
HMP174	HASAGA_2018	590	GYRO	321.37	-60.81
HMP174	HASAGA_2018	591	GYRO	321.57	-60.42
HMP174	HASAGA_2018	592	GYRO	321.65	-60.18
HMP174	HASAGA_2018	593	GYRO	321.79	-59.7
HMP174	HASAGA_2018	594	GYRO	321.84	-59.37
HMP174	HASAGA_2018	595	GYRO	321.87	-59.15
HMP174	HASAGA_2018	596	GYRO	321.95	-59.02
HMP174	HASAGA_2018	597	GYRO	322.04	-58.91
HMP174	HASAGA_2018	598	GYRO	322.09	-58.9
HMP174	HASAGA_2018	599	GYRO	322.19	-58.89
HMP174	HASAGA_2018	600	GYRO	323.05	-58.57
HMP174	HASAGA_2018	601	GYRO	323.04	-58.52
HMP174	HASAGA_2018	602	GYRO	323.05	-58.52
HMP174	HASAGA_2018	603	GYRO	323.05	-58.53
HMP174	HASAGA_2018	604	GYRO	323.07	-58.53
HMP174	HASAGA_2018	605	GYRO	323.18	-58.44
HMP174	HASAGA_2018	606	GYRO	323.34	-58.29
HMP174	HASAGA_2018	607	GYRO	323.47	-58.18
HMP174	HASAGA_2018	608	GYRO	323.57	-58.17
HMP174	HASAGA_2018	609	GYRO	323.63	-58.09
HMP174	HASAGA_2018	610	GYRO	323.69	-58.09
HMP174	HASAGA_2018	611	GYRO	323.82	-58.02
HMP174	HASAGA_2018	613	GYRO	323.9	-58.03
HMP174	HASAGA_2018	614	GYRO	323.87	-57.95
HMP174	HASAGA_2018	615	GYRO	323.86	-57.94
HMP174	HASAGA_2018	616	GYRO	323.97	-57.92

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP174	HASAGA_2018	617	GYRO	324.02	-57.89
HMP174	HASAGA_2018	618	GYRO	324.08	-57.86
HMP174	HASAGA_2018	619	GYRO	324.13	-57.86
HMP174	HASAGA_2018	620	GYRO	324.15	-57.86
HMP174	HASAGA_2018	621	GYRO	324.12	-57.78
HMP174	HASAGA_2018	622	GYRO	324.21	-57.81
HMP174	HASAGA_2018	623	GYRO	324.36	-57.72
HMP174	HASAGA_2018	624	GYRO	324.37	-57.74
HMP174	HASAGA_2018	625	GYRO	324.34	-57.71
HMP174	HASAGA_2018	626	GYRO	324.31	-57.69
HMP174	HASAGA_2018	627	GYRO	324.35	-57.63
HMP174	HASAGA_2018	628	GYRO	324.43	-57.59
HMP174	HASAGA_2018	629	GYRO	324.5	-57.55
HMP174	HASAGA_2018	630	GYRO	324.61	-57.55
HMP174	HASAGA_2018	635	GYRO	324.8	-57.44
HMP174	HASAGA_2018	640	GYRO	325.05	-57.22
HMP174	HASAGA_2018	645	GYRO	325.31	-57.04
HMP174	HASAGA_2018	650	GYRO	325.54	-56.86
HMP174	HASAGA_2018	655	GYRO	325.72	-56.73
HMP174	HASAGA_2018	660	GYRO	325.82	-56.56
HMP174	HASAGA_2018	661	GYRO	326.09	-56.67
HMP174	HASAGA_2018	666	GYRO	326.17	-56.6
HMP174	HASAGA_2018	671	GYRO	326.12	-56.48
HMP174	HASAGA_2018	676	GYRO	326.25	-56.49
HMP174	HASAGA_2018	681	GYRO	326.36	-56.24
HMP174	HASAGA_2018	686	GYRO	326.46	-56.08
HMP174	HASAGA_2018	691	GYRO	326.63	-55.9
HMP174	HASAGA_2018	696	GYRO	326.94	-55.67
HMP174	HASAGA_2018	701	GYRO	327.03	-55.5
HMP174	HASAGA_2018	706	GYRO	327.12	-55.32
HMP174	HASAGA_2018	711	GYRO	327.51	-55.15
HMP174	HASAGA_2018	716	GYRO	327.89	-54.73
HMP174	HASAGA_2018	721	GYRO	328.31	-54.17
HMP174	HASAGA_2018	726	GYRO	328.46	-53.8
HMP174	HASAGA_2018	731	GYRO	328.83	-53.64
HMP174	HASAGA_2018	736	GYRO	328.8	-53.54
HMP174	HASAGA_2018	741	GYRO	328.97	-53.41
HMP174	HASAGA_2018	746	GYRO	329.26	-53.28
HMP174	HASAGA_2018	751	GYRO	329.4	-53.12
HMP174	HASAGA_2018	761	GYRO	329.78	-52.63
HMP174	HASAGA_2018	766	GYRO	330.11	-52.37
HMP174	HASAGA_2018	771	GYRO	330.22	-52.16
HMP174	HASAGA_2018	776	GYRO	330.56	-51.99
HMP174	HASAGA_2018	781	GYRO	330.76	-51.72
HMP174	HASAGA_2018	786	GYRO	330.98	-51.48
HMP174	HASAGA_2018	791	GYRO	331.14	-51.41
HMP174	HASAGA_2018	796	GYRO	331.16	-51.2
HMP174	HASAGA_2018	801	GYRO	331.47	-50.97
HMP174	HASAGA_2018	806	GYRO	331.68	-50.94
HMP174	HASAGA_2018	811	GYRO	332.11	-50.75
HMP174	HASAGA_2018	816	GYRO	332.58	-50.59
HMP174	HASAGA_2018	821	GYRO	333.16	-50.47
HMP174	HASAGA_2018	826	GYRO	333.44	-50.31
HMP174	HASAGA_2018	831	GYRO	333.59	-50.21
HMP174	HASAGA_2018	836	GYRO	333.7	-50.15

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP174	HASAGA_2018	841	GYRO	334.03	-49.96
HMP174	HASAGA_2018	846	GYRO	334.08	-49.86
HMP174	HASAGA_2018	851	GYRO	334.22	-49.76
HMP174	HASAGA_2018	856	GYRO	334.32	-49.66
HMP174	HASAGA_2018	861	GYRO	334.36	-49.59
HMP174	HASAGA_2018	866	GYRO	334.44	-49.58
HMP174	HASAGA_2018	871	GYRO	334.55	-49.5
HMP174	HASAGA_2018	876	GYRO	334.62	-49.46
HMP174	HASAGA_2018	881	GYRO	334.57	-49.38
HMP174	HASAGA_2018	886	GYRO	334.52	-49.39
HMP174	HASAGA_2018	891	GYRO	334.64	-49.4
HMP174	HASAGA_2018	896	GYRO	334.56	-49.3
HMP174	HASAGA_2018	901	GYRO	334.69	-49.3
HMP174	HASAGA_2018	906	GYRO	334.62	-49.24
HMP174	HASAGA_2018	911	GYRO	334.75	-49.15
HMP174	HASAGA_2018	916	GYRO	334.71	-49.14
HMP174	HASAGA_2018	921	GYRO	334.75	-49.06
HMP174	HASAGA_2018	926	GYRO	334.91	-48.97
HMP174	HASAGA_2018	931	GYRO	334.85	-48.96
HMP174	HASAGA_2018	936	GYRO	334.86	-48.86
HMP174	HASAGA_2018	941	GYRO	334.87	-48.94
HMP174	HASAGA_2018	946	GYRO	334.87	-48.87
HMP174	HASAGA_2018	951	GYRO	334.88	-48.86
HMP174	HASAGA_2018	956	GYRO	334.78	-48.83
HMP174	HASAGA_2018	961	GYRO	334.77	-48.71
HMP174	HASAGA_2018	966	GYRO	334.71	-48.66
HMP174	HASAGA_2018	971	GYRO	334.73	-48.65
HMP174	HASAGA_2018	976	GYRO	334.84	-48.67
HMP174	HASAGA_2018	981	GYRO	334.88	-48.58
HMP174	HASAGA_2018	986	GYRO	334.85	-48.54
HMP174	HASAGA_2018	991	GYRO	334.92	-48.48
HMP174	HASAGA_2018	996	GYRO	334.85	-48.4
HMP174	HASAGA_2018	1001	GYRO	334.92	-48.44
HMP174	HASAGA_2018	1006	GYRO	334.93	-48.28
HMP174	HASAGA_2018	1016	GYRO	334.86	-48.31
HMP174	HASAGA_2018	1021	GYRO	335.02	-48.26
HMP174	HASAGA_2018	1026	GYRO	335.1	-48.21
HMP174	HASAGA_2018	1031	GYRO	335.06	-48.12
HMP174	HASAGA_2018	1036	GYRO	335.14	-48.02
HMP174	HASAGA_2018	1041	GYRO	335.13	-48.01
HMP174	HASAGA_2018	1046	GYRO	335.16	-47.93
HMP174	HASAGA_2018	1051	GYRO	335.16	-47.92
HMP174	HASAGA_2018	1056	GYRO	335.15	-47.87
HMP174	HASAGA_2018	1061	GYRO	335.25	-47.84
HMP174	HASAGA_2018	1066	GYRO	335.26	-47.76
HMP174	HASAGA_2018	1071	GYRO	335.29	-47.69
HMP174	HASAGA_2018	1076	GYRO	335.28	-47.67
HMP174	HASAGA_2018	1081	GYRO	335.32	-47.57
HMP174	HASAGA_2018	1086	GYRO	335.4	-47.39
HMP174	HASAGA_2018	1091	GYRO	335.47	-47.27
HMP174	HASAGA_2018	1096	GYRO	335.47	-47.21
HMP174	HASAGA_2018	1101	GYRO	335.36	-47.15
HMP174	HASAGA_2018	1106	GYRO	335.51	-46.9
HMP174	HASAGA_2018	1111	GYRO	335.37	-46.94
HMP174	HASAGA_2018	1116	GYRO	335.46	-46.8

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP174	HASAGA_2018	1121	GYRO	335.53	-46.74
HMP174	HASAGA_2018	1126	GYRO	335.49	-46.67
HMP174	HASAGA_2018	1131	GYRO	335.53	-46.53
HMP174	HASAGA_2018	1136	GYRO	335.62	-46.38
HMP175	HASAGA_2018	0	GYRO	146.73	-71.51
HMP175	HASAGA_2018	5	GYRO	146.76	-71.41
HMP175	HASAGA_2018	10	GYRO	146.87	-71.37
HMP175	HASAGA_2018	15	GYRO	146.73	-71.35
HMP175	HASAGA_2018	20	GYRO	146.83	-71.28
HMP175	HASAGA_2018	25	GYRO	146.89	-71.35
HMP175	HASAGA_2018	30	GYRO	146.89	-71.32
HMP175	HASAGA_2018	35	GYRO	146.95	-71.31
HMP175	HASAGA_2018	40	GYRO	146.87	-71.35
HMP175	HASAGA_2018	45	GYRO	146.95	-71.21
HMP175	HASAGA_2018	50	GYRO	147.08	-71.2
HMP175	HASAGA_2018	55	GYRO	147.09	-71.18
HMP175	HASAGA_2018	60	GYRO	147.15	-71.04
HMP175	HASAGA_2018	65	GYRO	147.16	-71.1
HMP175	HASAGA_2018	70	GYRO	147.07	-70.97
HMP175	HASAGA_2018	75	GYRO	147.02	-71.06
HMP175	HASAGA_2018	80	GYRO	146.94	-70.88
HMP175	HASAGA_2018	85	GYRO	146.84	-70.8
HMP175	HASAGA_2018	90	GYRO	146.8	-70.71
HMP175	HASAGA_2018	95	GYRO	146.64	-70.61
HMP175	HASAGA_2018	100	GYRO	146.75	-70.45
HMP175	HASAGA_2018	105	GYRO	146.98	-70.34
HMP175	HASAGA_2018	110	GYRO	147.16	-70.25
HMP175	HASAGA_2018	115	GYRO	147.37	-70.11
HMP175	HASAGA_2018	120	GYRO	147.46	-70.03
HMP175	HASAGA_2018	125	GYRO	147.59	-69.97
HMP175	HASAGA_2018	130	GYRO	147.54	-69.95
HMP175	HASAGA_2018	135	GYRO	147.63	-69.81
HMP175	HASAGA_2018	140	GYRO	147.75	-69.69
HMP175	HASAGA_2018	145	GYRO	148.06	-69.61
HMP175	HASAGA_2018	150	GYRO	148.16	-69.44
HMP175	HASAGA_2018	155	GYRO	148.71	-69.16
HMP175	HASAGA_2018	160	GYRO	149.22	-68.93
HMP175	HASAGA_2018	165	GYRO	149.58	-68.71
HMP175	HASAGA_2018	170	GYRO	149.44	-68.54
HMP175	HASAGA_2018	175	GYRO	149.52	-68.35
HMP175	HASAGA_2018	180	GYRO	149.47	-68.29
HMP175	HASAGA_2018	185	GYRO	149.45	-68.26
HMP175	HASAGA_2018	190	GYRO	149.5	-68.18
HMP175	HASAGA_2018	195	GYRO	149.58	-68.13
HMP175	HASAGA_2018	200	GYRO	149.64	-68.15
HMP175	HASAGA_2018	205	GYRO	149.77	-68.06
HMP175	HASAGA_2018	210	GYRO	149.66	-68.05
HMP175	HASAGA_2018	215	GYRO	149.68	-68.05
HMP175	HASAGA_2018	220	GYRO	149.8	-67.91
HMP175	HASAGA_2018	230	GYRO	150.05	-67.69
HMP175	HASAGA_2018	235	GYRO	150.5	-67.24
HMP175	HASAGA_2018	240	GYRO	150.29	-67.23
HMP175	HASAGA_2018	245	GYRO	150.25	-67.15
HMP175	HASAGA_2018	250	GYRO	150.44	-67.02
HMP175	HASAGA_2018	255	GYRO	150.42	-66.95

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP175	HASAGA_2018	260	GYRO	150.55	-66.87
HMP175	HASAGA_2018	265	GYRO	150.47	-66.72
HMP175	HASAGA_2018	270	GYRO	150.39	-66.62
HMP175	HASAGA_2018	275	GYRO	150.54	-66.51
HMP175	HASAGA_2018	280	GYRO	150.51	-66.42
HMP175	HASAGA_2018	285	GYRO	150.63	-66.27
HMP175	HASAGA_2018	290	GYRO	150.71	-66.12
HMP175	HASAGA_2018	295	GYRO	150.68	-65.97
HMP175	HASAGA_2018	300	GYRO	150.9	-65.62
HMP175	HASAGA_2018	305	GYRO	150.92	-65.47
HMP175	HASAGA_2018	310	GYRO	151.06	-65.31
HMP175	HASAGA_2018	315	GYRO	151.14	-65.22
HMP175	HASAGA_2018	320	GYRO	151.12	-65.14
HMP175	HASAGA_2018	325	GYRO	151.1	-65.08
HMP175	HASAGA_2018	330	GYRO	151.07	-64.99
HMP175	HASAGA_2018	335	GYRO	151.05	-64.86
HMP175	HASAGA_2018	340	GYRO	151.14	-64.83
HMP175	HASAGA_2018	345	GYRO	151.17	-64.76
HMP175	HASAGA_2018	350	GYRO	151.17	-64.67
HMP175	HASAGA_2018	355	GYRO	151.16	-64.54
HMP175	HASAGA_2018	360	GYRO	151.22	-64.47
HMP175	HASAGA_2018	365	GYRO	151.27	-64.24
HMP175	HASAGA_2018	370	GYRO	151.36	-64.02
HMP175	HASAGA_2018	375	GYRO	151.47	-63.93
HMP175	HASAGA_2018	380	GYRO	151.49	-63.85
HMP175	HASAGA_2018	385	GYRO	151.38	-63.72
HMP175	HASAGA_2018	390	GYRO	151.35	-63.63
HMP175	HASAGA_2018	395	GYRO	151.5	-63.55
HMP175	HASAGA_2018	400	GYRO	151.36	-63.36
HMP175	HASAGA_2018	405	GYRO	151.36	-63.39
HMP175	HASAGA_2018	410	GYRO	151.4	-63.32
HMP175	HASAGA_2018	415	GYRO	151.4	-63.23
HMP175	HASAGA_2018	420	GYRO	151.47	-63.08
HMP175	HASAGA_2018	425	GYRO	151.4	-62.99
HMP175	HASAGA_2018	430	GYRO	151.4	-62.84
HMP175	HASAGA_2018	435	GYRO	151.56	-62.76
HMP175	HASAGA_2018	440	GYRO	151.58	-62.61
HMP175	HASAGA_2018	445	GYRO	151.51	-62.4
HMP175	HASAGA_2018	450	GYRO	151.56	-62.3
HMP175	HASAGA_2018	455	GYRO	151.61	-62.15
HMP175	HASAGA_2018	460	GYRO	151.7	-62.09
HMP175	HASAGA_2018	465	GYRO	151.63	-61.99
HMP175	HASAGA_2018	470	GYRO	151.73	-62.01
HMP175	HASAGA_2018	475	GYRO	151.73	-61.9
HMP175	HASAGA_2018	480	GYRO	151.69	-61.85
HMP175	HASAGA_2018	485	GYRO	151.89	-61.77
HMP175	HASAGA_2018	490	GYRO	151.64	-61.76
HMP175	HASAGA_2018	495	GYRO	151.65	-61.62
HMP175	HASAGA_2018	500	GYRO	151.79	-61.47
HMP175	HASAGA_2018	505	GYRO	152.93	-61.43
HMP175	HASAGA_2018	510	GYRO	153.02	-61.22
HMP175	HASAGA_2018	515	GYRO	152.87	-61.11
HMP175	HASAGA_2018	520	GYRO	153.12	-60.96
HMP175	HASAGA_2018	525	GYRO	153.23	-60.87
HMP175	HASAGA_2018	530	GYRO	153.18	-60.69

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP175	HASAGA_2018	535	GYRO	153.3	-60.56
HMP175	HASAGA_2018	540	GYRO	153.48	-60.35
HMP175	HASAGA_2018	545	GYRO	153.68	-60.16
HMP175	HASAGA_2018	550	GYRO	153.6	-60.07
HMP175	HASAGA_2018	555	GYRO	153.64	-60.05
HMP175	HASAGA_2018	560	GYRO	153.56	-59.95
HMP175	HASAGA_2018	565	GYRO	153.55	-59.89
HMP175	HASAGA_2018	570	GYRO	153.71	-59.86
HMP175	HASAGA_2018	575	GYRO	153.79	-59.48
HMP175	HASAGA_2018	580	GYRO	153.9	-59.43
HMP175	HASAGA_2018	585	GYRO	154.05	-59.26
HMP175	HASAGA_2018	590	GYRO	154.26	-59.12
HMP175	HASAGA_2018	595	GYRO	154.25	-59.04
HMP175	HASAGA_2018	600	GYRO	154.36	-58.92
HMP175	HASAGA_2018	605	GYRO	154.39	-58.8
HMP175	HASAGA_2018	610	GYRO	154.58	-58.57
HMP175	HASAGA_2018	615	GYRO	154.71	-58.47
HMP175	HASAGA_2018	620	GYRO	154.7	-58.23
HMP175	HASAGA_2018	625	GYRO	154.79	-58.08
HMP175	HASAGA_2018	630	GYRO	154.81	-58.1
HMP175	HASAGA_2018	635	GYRO	154.68	-57.99
HMP175	HASAGA_2018	640	GYRO	154.84	-57.9
HMP175	HASAGA_2018	645	GYRO	154.74	-57.76
HMP175	HASAGA_2018	650	GYRO	154.78	-57.69
HMP175	HASAGA_2018	655	GYRO	154.76	-57.65
HMP175	HASAGA_2018	660	GYRO	154.89	-57.54
HMP175	HASAGA_2018	665	GYRO	154.88	-57.52
HMP175	HASAGA_2018	670	GYRO	154.95	-57.44
HMP175	HASAGA_2018	675	GYRO	154.95	-57.44
HMP175	HASAGA_2018	680	GYRO	155.01	-57.34
HMP175	HASAGA_2018	685	GYRO	154.99	-57.27
HMP175	HASAGA_2018	690	GYRO	154.96	-57.2
HMP175	HASAGA_2018	695	GYRO	155.04	-57.1
HMP175	HASAGA_2018	700	GYRO	154.97	-57.03
HMP175	HASAGA_2018	705	GYRO	154.8	-56.94
HMP175	HASAGA_2018	710	GYRO	154.93	-56.71
HMP175	HASAGA_2018	715	GYRO	154.75	-56.76
HMP175	HASAGA_2018	720	GYRO	154.84	-56.44
HMP175	HASAGA_2018	725	GYRO	154.74	-56.35
HMP175	HASAGA_2018	730	GYRO	154.79	-56.11
HMP175	HASAGA_2018	735	GYRO	154.93	-55.78
HMP175	HASAGA_2018	740	GYRO	155.06	-55.52
HMP175	HASAGA_2018	745	GYRO	155.11	-55.12
HMP175	HASAGA_2018	750	GYRO	155.32	-54.94
HMP175	HASAGA_2018	755	GYRO	155.34	-54.69
HMP175	HASAGA_2018	760	GYRO	155.42	-54.59
HMP175	HASAGA_2018	765	GYRO	155.49	-54.38
HMP175	HASAGA_2018	770	GYRO	155.59	-54.31
HMP175	HASAGA_2018	775	GYRO	155.67	-54.27
HMP175	HASAGA_2018	780	GYRO	155.78	-54.08
HMP176	HASAGA_2018	0	GYRO	328.6	-77.75
HMP176	HASAGA_2018	5	GYRO	328.96	-77.74
HMP176	HASAGA_2018	10	GYRO	328.98	-77.63
HMP176	HASAGA_2018	15	GYRO	328.8	-77.63
HMP176	HASAGA_2018	20	GYRO	327.49	-77.59

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176	HASAGA_2018	25	Gyro	329.08	-77.53
HMP176	HASAGA_2018	30	GYRO	330.87	-77.46
HMP176	HASAGA_2018	35	GYRO	328.51	-77.43
HMP176	HASAGA_2018	40	GYRO	328.19	-77.36
HMP176	HASAGA_2018	45	GYRO	328.49	-77.38
HMP176	HASAGA_2018	50	GYRO	328.39	-77.29
HMP176	HASAGA_2018	55	GYRO	328.3	-77.29
HMP176	HASAGA_2018	60	GYRO	328	-77.2
HMP176	HASAGA_2018	65	GYRO	328.41	-77.17
HMP176	HASAGA_2018	70	GYRO	328.48	-77.09
HMP176	HASAGA_2018	75	GYRO	328.21	-76.97
HMP176	HASAGA_2018	80	GYRO	328.27	-76.89
HMP176	HASAGA_2018	85	GYRO	328.31	-76.83
HMP176	HASAGA_2018	90	GYRO	328.31	-76.67
HMP176	HASAGA_2018	95	GYRO	328.4	-76.67
HMP176	HASAGA_2018	100	GYRO	328.45	-76.58
HMP176	HASAGA_2018	105	GYRO	328.02	-76.47
HMP176	HASAGA_2018	110	GYRO	328.23	-76.33
HMP176	HASAGA_2018	115	GYRO	328.29	-76.18
HMP176	HASAGA_2018	120	GYRO	328.45	-76.04
HMP176	HASAGA_2018	125	GYRO	328.43	-76.04
HMP176	HASAGA_2018	130	GYRO	328.35	-75.9
HMP176	HASAGA_2018	135	GYRO	328.58	-75.82
HMP176	HASAGA_2018	140	GYRO	328.48	-75.67
HMP176	HASAGA_2018	145	GYRO	328.34	-75.53
HMP176	HASAGA_2018	150	GYRO	328.7	-75.39
HMP176	HASAGA_2018	155	GYRO	328.57	-75.25
HMP176	HASAGA_2018	160	GYRO	328.51	-75.18
HMP176	HASAGA_2018	165	GYRO	328.78	-75.11
HMP176	HASAGA_2018	170	GYRO	328.56	-74.98
HMP176	HASAGA_2018	175	GYRO	328.41	-74.84
HMP176	HASAGA_2018	180	GYRO	328.3	-74.76
HMP176	HASAGA_2018	185	GYRO	328.34	-74.61
HMP176	HASAGA_2018	190	GYRO	328.33	-74.48
HMP176	HASAGA_2018	195	GYRO	328.44	-74.28
HMP176	HASAGA_2018	200	GYRO	328.06	-74.27
HMP176	HASAGA_2018	205	GYRO	328.03	-74.13
HMP176	HASAGA_2018	210	GYRO	328.12	-73.99
HMP176	HASAGA_2018	215	GYRO	327.79	-73.91
HMP176	HASAGA_2018	220	GYRO	327.77	-73.77
HMP176	HASAGA_2018	225	GYRO	327.95	-73.63
HMP176	HASAGA_2018	230	GYRO	327.99	-73.48
HMP176	HASAGA_2018	235	GYRO	328.05	-73.34
HMP176	HASAGA_2018	240	GYRO	328.11	-73.21
HMP176	HASAGA_2018	245	GYRO	328.22	-73.12
HMP176	HASAGA_2018	250	GYRO	328.27	-72.98
HMP176	HASAGA_2018	255	GYRO	328.07	-72.9
HMP176	HASAGA_2018	260	GYRO	328.24	-72.83
HMP176	HASAGA_2018	265	GYRO	328.36	-72.69
HMP176	HASAGA_2018	270	GYRO	328.29	-72.55
HMP176	HASAGA_2018	275	GYRO	328.44	-72.55
HMP176	HASAGA_2018	280	GYRO	328.63	-72.4
HMP176	HASAGA_2018	285	GYRO	328.73	-72.27
HMP176	HASAGA_2018	290	GYRO	328.95	-72.19
HMP176	HASAGA_2018	295	GYRO	329.25	-72.14



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176	HASAGA_2018	300	GYRO	329.23	-71.9
HMP176	HASAGA_2018	305	GYRO	329.47	-71.77
HMP176	HASAGA_2018	310	GYRO	329.37	-71.61
HMP176	HASAGA_2018	315	GYRO	329.69	-71.48
HMP176	HASAGA_2018	320	GYRO	329.78	-71.11
HMP176	HASAGA_2018	325	GYRO	330.21	-70.82
HMP176	HASAGA_2018	330	GYRO	330.35	-70.67
HMP176	HASAGA_2018	335	GYRO	330.73	-70.45
HMP176	HASAGA_2018	340	GYRO	330.97	-70.46
HMP176	HASAGA_2018	345	GYRO	330.79	-70.32
HMP176	HASAGA_2018	350	GYRO	331.04	-70.38
HMP176	HASAGA_2018	355	GYRO	331.16	-70.1
HMP176	HASAGA_2018	360	GYRO	331.37	-70.02
HMP176	HASAGA_2018	365	GYRO	331.88	-69.8
HMP176	HASAGA_2018	370	GYRO	332.02	-69.67
HMP176	HASAGA_2018	375	GYRO	332.02	-69.57
HMP176	HASAGA_2018	380	GYRO	332.36	-69.45
HMP176	HASAGA_2018	385	GYRO	332.55	-69.29
HMP176	HASAGA_2018	390	GYRO	332.58	-69.2
HMP176	HASAGA_2018	395	GYRO	332.82	-69.24
HMP176	HASAGA_2018	400	GYRO	333.02	-69.01
HMP176	HASAGA_2018	405	GYRO	331.76	-68.82
HMP176	HASAGA_2018	410	GYRO	331.85	-68.75
HMP176	HASAGA_2018	415	GYRO	332.05	-68.55
HMP176	HASAGA_2018	420	GYRO	332.4	-68.28
HMP176	HASAGA_2018	425	GYRO	332.83	-67.96
HMP176	HASAGA_2018	430	GYRO	333	-67.74
HMP176	HASAGA_2018	435	GYRO	333.07	-67.55
HMP176	HASAGA_2018	440	GYRO	333.06	-67.34
HMP176	HASAGA_2018	445	GYRO	333.05	-67.21
HMP176	HASAGA_2018	450	GYRO	333.2	-67.07
HMP176	HASAGA_2018	455	GYRO	333.29	-67.07
HMP176	HASAGA_2018	460	GYRO	333.3	-67.03
HMP176	HASAGA_2018	465	GYRO	333.42	-67.04
HMP176	HASAGA_2018	470	GYRO	333.65	-66.93
HMP176	HASAGA_2018	475	GYRO	333.91	-66.93
HMP176	HASAGA_2018	480	GYRO	333.92	-66.78
HMP176	HASAGA_2018	485	GYRO	334.07	-66.71
HMP176	HASAGA_2018	490	GYRO	334.11	-66.6
HMP176	HASAGA_2018	495	GYRO	334.53	-66.5
HMP176	HASAGA_2018	500	GYRO	334.71	-66.37
HMP176	HASAGA_2018	505	GYRO	334.83	-66.13
HMP176	HASAGA_2018	510	GYRO	335.1	-66.03
HMP176	HASAGA_2018	515	GYRO	335.15	-66
HMP176	HASAGA_2018	520	GYRO	335.18	-65.92
HMP176	HASAGA_2018	525	GYRO	335.31	-65.83
HMP176	HASAGA_2018	530	GYRO	335.52	-65.76
HMP176	HASAGA_2018	535	GYRO	335.57	-65.55
HMP176	HASAGA_2018	540	GYRO	335.6	-65.39
HMP176	HASAGA_2018	545	GYRO	335.98	-65.34
HMP176	HASAGA_2018	550	GYRO	336.06	-65.22
HMP176	HASAGA_2018	555	GYRO	336.27	-65.09
HMP176	HASAGA_2018	560	GYRO	336.33	-64.93
HMP176	HASAGA_2018	565	GYRO	336.57	-64.93
HMP176	HASAGA_2018	570	GYRO	337.18	-64.57

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176	HASAGA_2018	575	GYRO	337.71	-64.34
HMP176	HASAGA_2018	580	GYRO	338.54	-64.14
HMP176	HASAGA_2018	585	GYRO	338.8	-63.76
HMP176	HASAGA_2018	590	GYRO	338.92	-63.7
HMP176	HASAGA_2018	595	GYRO	339.13	-63.49
HMP176	HASAGA_2018	600	GYRO	339.04	-63.34
HMP176	HASAGA_2018	605	GYRO	339.04	-63.32
HMP176	HASAGA_2018	610	GYRO	339.11	-63.16
HMP176	HASAGA_2018	615	GYRO	339.2	-63.16
HMP176	HASAGA_2018	620	GYRO	339.48	-63.04
HMP176	HASAGA_2018	625	GYRO	339.56	-63.15
HMP176	HASAGA_2018	630	GYRO	339.56	-63.07
HMP176	HASAGA_2018	635	GYRO	339.7	-62.99
HMP176	HASAGA_2018	640	GYRO	339.63	-63.03
HMP176	HASAGA_2018	645	GYRO	339.56	-63.04
HMP176	HASAGA_2018	650	GYRO	339.54	-62.98
HMP176	HASAGA_2018	655	GYRO	339.55	-62.85
HMP176	HASAGA_2018	660	GYRO	339.69	-62.89
HMP176	HASAGA_2018	665	GYRO	339.7	-62.77
HMP176	HASAGA_2018	670	GYRO	339.59	-62.69
HMP176	HASAGA_2018	675	GYRO	339.8	-62.82
HMP176	HASAGA_2018	680	GYRO	339.72	-62.85
HMP176	HASAGA_2018	685	GYRO	339.77	-62.5
HMP176	HASAGA_2018	690	GYRO	339.74	-62.63
HMP176	HASAGA_2018	695	GYRO	339.61	-62.46
HMP176	HASAGA_2018	700	GYRO	339.63	-62.49
HMP176	HASAGA_2018	705	GYRO	339.72	-62.4
HMP176	HASAGA_2018	710	GYRO	339.79	-62.39
HMP176	HASAGA_2018	715	GYRO	339.81	-62.24
HMP176	HASAGA_2018	720	Gyro	339.89	-62.19
HMP176	HASAGA_2018	725	GYRO	340.02	-61.87
HMP176	HASAGA_2018	730	GYRO	340.49	-61.56
HMP176	HASAGA_2018	735	GYRO	340.46	-61.41
HMP176	HASAGA_2018	740	GYRO	340.42	-61.31
HMP176	HASAGA_2018	745	GYRO	340.6	-61.28
HMP176	HASAGA_2018	750	GYRO	340.5	-61.16
HMP176	HASAGA_2018	755	GYRO	340.44	-61.08
HMP176	HASAGA_2018	760	GYRO	340.51	-60.92
HMP176	HASAGA_2018	765	GYRO	340.52	-60.75
HMP176	HASAGA_2018	770	GYRO	340.61	-60.52
HMP176	HASAGA_2018	775	GYRO	340.71	-60.37
HMP176	HASAGA_2018	780	GYRO	340.77	-60.21
HMP176	HASAGA_2018	785	GYRO	340.57	-59.97
HMP176	HASAGA_2018	790	GYRO	340.73	-59.89
HMP176	HASAGA_2018	795	GYRO	340.51	-59.98
HMP176	HASAGA_2018	800	GYRO	340.63	-59.76
HMP176	HASAGA_2018	805	GYRO	340.73	-59.76
HMP176	HASAGA_2018	810	GYRO	340.75	-59.69
HMP176	HASAGA_2018	815	GYRO	340.72	-59.58
HMP176	HASAGA_2018	820	GYRO	340.75	-59.5
HMP176	HASAGA_2018	825	GYRO	340.91	-59.5
HMP176	HASAGA_2018	830	GYRO	340.78	-59.34
HMP176	HASAGA_2018	835	GYRO	340.85	-59.36
HMP176	HASAGA_2018	840	GYRO	340.8	-59.34
HMP176	HASAGA_2018	845	GYRO	340.77	-59.26

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176	HASAGA_2018	850	GYRO	340.87	-59.2
HMP176	HASAGA_2018	855	GYRO	340.8	-59.18
HMP176	HASAGA_2018	860	GYRO	340.71	-59.2
HMP176	HASAGA_2018	865	GYRO	340.84	-59.11
HMP176	HASAGA_2018	870	GYRO	340.79	-59.05
HMP176	HASAGA_2018	875	GYRO	340.71	-59.04
HMP176	HASAGA_2018	880	GYRO	340.82	-58.87
HMP176	HASAGA_2018	885	GYRO	340.75	-58.85
HMP176	HASAGA_2018	890	GYRO	340.83	-58.8
HMP176	HASAGA_2018	895	GYRO	340.84	-58.66
HMP176	HASAGA_2018	900	GYRO	340.33	-58.02
HMP176	HASAGA_2018	905	GYRO	340.44	-57.98
HMP176	HASAGA_2018	910	GYRO	340.33	-57.99
HMP176	HASAGA_2018	915	GYRO	340.24	-57.92
HMP176	HASAGA_2018	920	GYRO	340.35	-57.84
HMP176	HASAGA_2018	925	GYRO	340.3	-57.92
HMP176	HASAGA_2018	930	GYRO	340.61	-57.78
HMP176	HASAGA_2018	935	GYRO	340.94	-57.66
HMP176	HASAGA_2018	940	GYRO	340.91	-57.55
HMP176	HASAGA_2018	945	GYRO	340.83	-57.49
HMP176	HASAGA_2018	950	GYRO	340.77	-57.4
HMP176	HASAGA_2018	955	GYRO	340.78	-57.33
HMP176	HASAGA_2018	960	GYRO	340.65	-57.15
HMP176	HASAGA_2018	965	GYRO	340.7	-57.07
HMP176	HASAGA_2018	970	GYRO	340.59	-56.99
HMP176	HASAGA_2018	975	GYRO	340.53	-56.9
HMP176	HASAGA_2018	980	GYRO	340.47	-56.86
HMP176	HASAGA_2018	985	GYRO	340.5	-56.75
HMP176	HASAGA_2018	990	GYRO	340.45	-56.77
HMP176	HASAGA_2018	995	GYRO	340.4	-56.68
HMP176	HASAGA_2018	1000	GYRO	340.38	-56.67
HMP176	HASAGA_2018	1005	GYRO	340.32	-56.68
HMP176	HASAGA_2018	1010	GYRO	340.3	-56.6
HMP176	HASAGA_2018	1015	GYRO	340.29	-56.47
HMP176	HASAGA_2018	1020	GYRO	340.32	-56.49
HMP176	HASAGA_2018	1025	GYRO	340.33	-56.34
HMP176	HASAGA_2018	1030	GYRO	340.27	-56.41
HMP176	HASAGA_2018	1035	GYRO	340.26	-56.34
HMP176	HASAGA_2018	1040	GYRO	340.31	-56.33
HMP176	HASAGA_2018	1045	GYRO	340.34	-56.32
HMP176	HASAGA_2018	1050	GYRO	340.28	-56.32
HMP176	HASAGA_2018	1055	GYRO	340.14	-56.32
HMP176	HASAGA_2018	1060	GYRO	340.13	-56.28
HMP176	HASAGA_2018	1065	GYRO	340.18	-56.26
HMP176	HASAGA_2018	1070	GYRO	340.17	-56.24
HMP176	HASAGA_2018	1075	GYRO	340.16	-56.14
HMP176	HASAGA_2018	1080	Gyro	340.05	-56.15
HMP176	HASAGA_2018	1085	GYRO	340.11	-56.1
HMP176	HASAGA_2018	1090	GYRO	340.15	-56.05
HMP176	HASAGA_2018	1095	GYRO	340.09	-55.98
HMP176	HASAGA_2018	1100	GYRO	340.16	-55.91
HMP176	HASAGA_2018	1105	GYRO	340.08	-55.86
HMP176	HASAGA_2018	1110	GYRO	340.06	-55.91
HMP176	HASAGA_2018	1115	GYRO	340.06	-55.88
HMP176	HASAGA_2018	1120	GYRO	340.02	-55.72

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176	HASAGA_2018	1125	GYRO	340	-55.75
HMP176	HASAGA_2018	1130	GYRO	339.94	-55.73
HMP176	HASAGA_2018	1135	GYRO	340.01	-55.67
HMP176	HASAGA_2018	1140	GYRO	339.93	-55.65
HMP176	HASAGA_2018	1145	GYRO	340.05	-55.65
HMP176	HASAGA_2018	1150	GYRO	340.13	-55.66
HMP176	HASAGA_2018	1155	GYRO	339.98	-55.72
HMP176	HASAGA_2018	1160	GYRO	340.08	-55.75
HMP176	HASAGA_2018	1165	GYRO	340	-55.55
HMP176	HASAGA_2018	1170	GYRO	339.92	-55.51
HMP176	HASAGA_2018	1175	GYRO	339.89	-55.5
HMP176	HASAGA_2018	1180	GYRO	339.92	-55.41
HMP176	HASAGA_2018	1185	GYRO	339.87	-55.4
HMP176	HASAGA_2018	1190	GYRO	339.82	-55.34
HMP176	HASAGA_2018	1195	GYRO	339.77	-55.29
HMP176	HASAGA_2018	1200	GYRO	339.82	-55.21
HMP176	HASAGA_2018	1205	GYRO	339.81	-55.27
HMP176	HASAGA_2018	1210	GYRO	339.89	-55.24
HMP176	HASAGA_2018	1215	GYRO	339.9	-55.16
HMP176	HASAGA_2018	1220	GYRO	339.96	-55.14
HMP176	HASAGA_2018	1225	GYRO	339.99	-55.16
HMP176	HASAGA_2018	1230	GYRO	340	-55.17
HMP176	HASAGA_2018	1235	GYRO	340.16	-55.34
HMP176	HASAGA_2018	1240	GYRO	340.26	-55.24
HMP176	HASAGA_2018	1245	GYRO	340.21	-55.25
HMP176	HASAGA_2018	1250	GYRO	340.34	-55.2
HMP176	HASAGA_2018	1255	GYRO	340.27	-55.16
HMP176	HASAGA_2018	1260	GYRO	340.43	-55.25
HMP176	HASAGA_2018	1265	GYRO	340.53	-55.15
HMP176	HASAGA_2018	1270	GYRO	340.68	-55.04
HMP176	HASAGA_2018	1275	GYRO	340.86	-55.02
HMP176	HASAGA_2018	1280	GYRO	341.05	-54.94
HMP176	HASAGA_2018	1285	GYRO	341	-54.84
HMP176	HASAGA_2018	1290	GYRO	341	-54.84
HMP176w1	HASAGA_2018	0	GYRO	328.6	-77.75
HMP176w1	HASAGA_2018	5	GYRO	328.96	-77.74
HMP176w1	HASAGA_2018	10	GYRO	328.98	-77.63
HMP176w1	HASAGA_2018	15	GYRO	328.8	-77.63
HMP176w1	HASAGA_2018	20	GYRO	327.49	-77.59
HMP176w1	HASAGA_2018	25	GYRO	329.08	-77.53
HMP176w1	HASAGA_2018	30	GYRO	330.87	-77.46
HMP176w1	HASAGA_2018	35	GYRO	328.51	-77.43
HMP176w1	HASAGA_2018	40	GYRO	328.19	-77.36
HMP176w1	HASAGA_2018	45	GYRO	328.49	-77.38
HMP176w1	HASAGA_2018	50	GYRO	328.39	-77.29
HMP176w1	HASAGA_2018	55	GYRO	328.3	-77.29
HMP176w1	HASAGA_2018	60	GYRO	328	-77.2
HMP176w1	HASAGA_2018	65	GYRO	328.41	-77.17
HMP176w1	HASAGA_2018	70	GYRO	328.48	-77.09
HMP176w1	HASAGA_2018	75	GYRO	328.21	-76.97
HMP176w1	HASAGA_2018	80	GYRO	328.27	-76.89
HMP176w1	HASAGA_2018	85	GYRO	328.31	-76.83
HMP176w1	HASAGA_2018	90	GYRO	328.31	-76.67
HMP176w1	HASAGA_2018	95	GYRO	328.4	-76.67
HMP176w1	HASAGA_2018	100	GYRO	328.45	-76.58

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w1	HASAGA_2018	105	GYRO	328.02	-76.47
HMP176w1	HASAGA_2018	110	GYRO	328.23	-76.33
HMP176w1	HASAGA_2018	115	GYRO	328.29	-76.18
HMP176w1	HASAGA_2018	120	GYRO	328.45	-76.04
HMP176w1	HASAGA_2018	125	GYRO	328.43	-76.04
HMP176w1	HASAGA_2018	130	GYRO	328.35	-75.9
HMP176w1	HASAGA_2018	135	GYRO	328.58	-75.82
HMP176w1	HASAGA_2018	140	GYRO	328.48	-75.67
HMP176w1	HASAGA_2018	145	GYRO	328.34	-75.53
HMP176w1	HASAGA_2018	150	GYRO	328.7	-75.39
HMP176w1	HASAGA_2018	155	GYRO	328.57	-75.25
HMP176w1	HASAGA_2018	160	GYRO	328.51	-75.18
HMP176w1	HASAGA_2018	165	GYRO	328.78	-75.11
HMP176w1	HASAGA_2018	170	GYRO	328.56	-74.98
HMP176w1	HASAGA_2018	175	GYRO	328.41	-74.84
HMP176w1	HASAGA_2018	180	GYRO	328.3	-74.76
HMP176w1	HASAGA_2018	185	GYRO	328.34	-74.61
HMP176w1	HASAGA_2018	190	GYRO	328.33	-74.48
HMP176w1	HASAGA_2018	195	GYRO	328.44	-74.28
HMP176w1	HASAGA_2018	200	GYRO	328.06	-74.27
HMP176w1	HASAGA_2018	205	GYRO	328.03	-74.13
HMP176w1	HASAGA_2018	210	GYRO	328.12	-73.99
HMP176w1	HASAGA_2018	215	GYRO	327.79	-73.91
HMP176w1	HASAGA_2018	220	GYRO	327.77	-73.77
HMP176w1	HASAGA_2018	225	GYRO	327.95	-73.63
HMP176w1	HASAGA_2018	230	GYRO	327.99	-73.48
HMP176w1	HASAGA_2018	235	GYRO	328.05	-73.34
HMP176w1	HASAGA_2018	240	GYRO	328.11	-73.21
HMP176w1	HASAGA_2018	245	GYRO	328.22	-73.12
HMP176w1	HASAGA_2018	250	GYRO	328.27	-72.98
HMP176w1	HASAGA_2018	255	GYRO	328.07	-72.9
HMP176w1	HASAGA_2018	260	GYRO	328.24	-72.83
HMP176w1	HASAGA_2018	265	GYRO	328.36	-72.69
HMP176w1	HASAGA_2018	270	GYRO	328.29	-72.55
HMP176w1	HASAGA_2018	275	GYRO	328.44	-72.55
HMP176w1	HASAGA_2018	280	GYRO	328.63	-72.4
HMP176w1	HASAGA_2018	285	GYRO	328.73	-72.27
HMP176w1	HASAGA_2018	290	GYRO	328.95	-72.19
HMP176w1	HASAGA_2018	295	GYRO	329.25	-72.14
HMP176w1	HASAGA_2018	300	GYRO	329.23	-71.9
HMP176w1	HASAGA_2018	305	GYRO	329.47	-71.77
HMP176w1	HASAGA_2018	310	GYRO	329.37	-71.61
HMP176w1	HASAGA_2018	315	GYRO	329.69	-71.48
HMP176w1	HASAGA_2018	320	GYRO	329.78	-71.11
HMP176w1	HASAGA_2018	325	GYRO	330.21	-70.82
HMP176w1	HASAGA_2018	330	GYRO	330.35	-70.67
HMP176w1	HASAGA_2018	335	GYRO	330.73	-70.45
HMP176w1	HASAGA_2018	340	GYRO	330.97	-70.46
HMP176w1	HASAGA_2018	345	GYRO	330.79	-70.32
HMP176w1	HASAGA_2018	350	GYRO	331.04	-70.38
HMP176w1	HASAGA_2018	355	GYRO	331.16	-70.1
HMP176w1	HASAGA_2018	360	GYRO	331.37	-70.02
HMP176w1	HASAGA_2018	365	GYRO	331.88	-69.8
HMP176w1	HASAGA_2018	370	GYRO	332.02	-69.67
HMP176w1	HASAGA_2018	375	GYRO	332.02	-69.57

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w1	HASAGA_2018	380	GYRO	332.36	-69.45
HMP176w1	HASAGA_2018	385	GYRO	332.55	-69.29
HMP176w1	HASAGA_2018	390	GYRO	332.58	-69.2
HMP176w1	HASAGA_2018	395	GYRO	332.82	-69.24
HMP176w1	HASAGA_2018	400	GYRO	333.02	-69.01
HMP176w1	HASAGA_2018	405	GYRO	331.76	-68.82
HMP176w1	HASAGA_2018	410	GYRO	331.85	-68.75
HMP176w1	HASAGA_2018	415	GYRO	332.05	-68.55
HMP176w1	HASAGA_2018	420	GYRO	332.4	-68.28
HMP176w1	HASAGA_2018	425	GYRO	332.83	-67.96
HMP176w1	HASAGA_2018	430	GYRO	333	-67.74
HMP176w1	HASAGA_2018	435	GYRO	333.07	-67.55
HMP176w1	HASAGA_2018	440	GYRO	333.06	-67.34
HMP176w1	HASAGA_2018	445	GYRO	333.05	-67.21
HMP176w1	HASAGA_2018	450	GYRO	333.2	-67.07
HMP176w1	HASAGA_2018	455	GYRO	333.29	-67.07
HMP176w1	HASAGA_2018	460	GYRO	333.3	-67.03
HMP176w1	HASAGA_2018	465	GYRO	333.42	-67.04
HMP176w1	HASAGA_2018	470	GYRO	333.65	-66.93
HMP176w1	HASAGA_2018	475	GYRO	333.91	-66.93
HMP176w1	HASAGA_2018	480	GYRO	333.92	-66.78
HMP176w1	HASAGA_2018	485	GYRO	334.07	-66.71
HMP176w1	HASAGA_2018	490	GYRO	334.11	-66.6
HMP176w1	HASAGA_2018	495	GYRO	334.53	-66.5
HMP176w1	HASAGA_2018	500	GYRO	334.71	-66.37
HMP176w1	HASAGA_2018	505	GYRO	334.83	-66.13
HMP176w1	HASAGA_2018	510	GYRO	335.1	-66.03
HMP176w1	HASAGA_2018	515	GYRO	335.15	-66
HMP176w1	HASAGA_2018	520	GYRO	335.18	-65.92
HMP176w1	HASAGA_2018	525	GYRO	335.31	-65.83
HMP176w1	HASAGA_2018	530	GYRO	335.52	-65.76
HMP176w1	HASAGA_2018	535	GYRO	335.57	-65.55
HMP176w1	HASAGA_2018	540	GYRO	335.6	-65.39
HMP176w1	HASAGA_2018	545	GYRO	335.98	-65.34
HMP176w1	HASAGA_2018	550	GYRO	336.06	-65.22
HMP176w1	HASAGA_2018	555	GYRO	336.27	-65.09
HMP176w1	HASAGA_2018	560	GYRO	336.33	-64.93
HMP176w1	HASAGA_2018	565	GYRO	336.57	-64.93
HMP176w1	HASAGA_2018	570	GYRO	337.18	-64.57
HMP176w1	HASAGA_2018	575	GYRO	337.71	-64.34
HMP176w1	HASAGA_2018	580	GYRO	338.54	-64.14
HMP176w1	HASAGA_2018	585	GYRO	338.8	-63.76
HMP176w1	HASAGA_2018	590	GYRO	338.92	-63.7
HMP176w1	HASAGA_2018	595	GYRO	339.13	-63.49
HMP176w1	HASAGA_2018	600	GYRO	339.04	-63.34
HMP176w1	HASAGA_2018	605	GYRO	339.04	-63.32
HMP176w1	HASAGA_2018	610	GYRO	339.11	-63.16
HMP176w1	HASAGA_2018	615	GYRO	339.2	-63.16
HMP176w1	HASAGA_2018	620	GYRO	339.48	-63.04
HMP176w1	HASAGA_2018	625	GYRO	339.56	-63.15
HMP176w1	HASAGA_2018	630	GYRO	338.2	-63.01
HMP176w1	HASAGA_2018	631	GYRO	338.24	-63
HMP176w1	HASAGA_2018	632	GYRO	338.21	-62.99
HMP176w1	HASAGA_2018	633	GYRO	338.1	-63
HMP176w1	HASAGA_2018	634	GYRO	338.08	-63.01

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w1	HASAGA_2018	635	GYRO	338.1	-62.99
HMP176w1	HASAGA_2018	636	GYRO	338.14	-62.97
HMP176w1	HASAGA_2018	637	GYRO	338.17	-62.96
HMP176w1	HASAGA_2018	638	GYRO	338.16	-63.01
HMP176w1	HASAGA_2018	639	GYRO	338.17	-63.01
HMP176w1	HASAGA_2018	640	GYRO	338.24	-63.01
HMP176w1	HASAGA_2018	641	GYRO	338.56	-63
HMP176w1	HASAGA_2018	642	GYRO	338.88	-62.96
HMP176w1	HASAGA_2018	643	GYRO	339.59	-62.91
HMP176w1	HASAGA_2018	644	GYRO	340.36	-62.89
HMP176w1	HASAGA_2018	645	GYRO	341.43	-62.81
HMP176w1	HASAGA_2018	646	GYRO	342.03	-62.71
HMP176w1	HASAGA_2018	647	GYRO	342.28	-62.63
HMP176w1	HASAGA_2018	648	GYRO	342.36	-62.63
HMP176w1	HASAGA_2018	649	GYRO	342.4	-62.62
HMP176w1	HASAGA_2018	650	GYRO	342.41	-62.6
HMP176w1	HASAGA_2018	651	GYRO	342.46	-62.51
HMP176w1	HASAGA_2018	652	GYRO	342.56	-62.44
HMP176w1	HASAGA_2018	653	GYRO	342.58	-62.44
HMP176w1	HASAGA_2018	654	GYRO	342.58	-62.39
HMP176w1	HASAGA_2018	655	GYRO	342.56	-62.37
HMP176w1	HASAGA_2018	656	GYRO	342.63	-62.31
HMP176w1	HASAGA_2018	657	GYRO	342.65	-62.25
HMP176w1	HASAGA_2018	658	GYRO	342.64	-62.23
HMP176w1	HASAGA_2018	659	GYRO	342.66	-62.18
HMP176w1	HASAGA_2018	660	GYRO	342.71	-62.07
HMP176w1	HASAGA_2018	661	GYRO	342.78	-62.07
HMP176w1	HASAGA_2018	662	GYRO	342.92	-61.98
HMP176w1	HASAGA_2018	663	GYRO	343.01	-62
HMP176w1	HASAGA_2018	664	GYRO	343.06	-62.07
HMP176w1	HASAGA_2018	665	GYRO	343.24	-61.93
HMP176w1	HASAGA_2018	666	GYRO	343.51	-61.65
HMP176w1	HASAGA_2018	667	GYRO	343.74	-61.41
HMP176w1	HASAGA_2018	668	GYRO	344.18	-60.93
HMP176w1	HASAGA_2018	669	GYRO	344.44	-60.51
HMP176w1	HASAGA_2018	670	GYRO	344.65	-60.27
HMP176w1	HASAGA_2018	671	GYRO	344.8	-60.18
HMP176w1	HASAGA_2018	672	GYRO	344.9	-60.19
HMP176w1	HASAGA_2018	673	GYRO	344.95	-60.16
HMP176w1	HASAGA_2018	674	GYRO	344.98	-60.04
HMP176w1	HASAGA_2018	675	GYRO	345.02	-60.05
HMP176w1	HASAGA_2018	676	GYRO	345.1	-60.05
HMP176w1	HASAGA_2018	677	GYRO	345.09	-60.08
HMP176w1	HASAGA_2018	678	GYRO	345.1	-59.96
HMP176w1	HASAGA_2018	679	GYRO	345.12	-59.91
HMP176w1	HASAGA_2018	680	GYRO	345.16	-59.77
HMP176w1	HASAGA_2018	681	GYRO	345.23	-59.56
HMP176w1	HASAGA_2018	682	GYRO	345.27	-59.53
HMP176w1	HASAGA_2018	683	GYRO	345.35	-59.42
HMP176w1	HASAGA_2018	684	GYRO	345.38	-59.28
HMP176w1	HASAGA_2018	685	GYRO	345.36	-59.26
HMP176w1	HASAGA_2018	686	GYRO	345.33	-59
HMP176w1	HASAGA_2018	687	GYRO	345.3	-58.9
HMP176w1	HASAGA_2018	688	GYRO	345.29	-58.82
HMP176w1	HASAGA_2018	689	GYRO	345.38	-58.73

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w1	HASAGA_2018	690	GYRO	345.47	-58.73
HMP176w1	HASAGA_2018	691	GYRO	345.53	-58.65
HMP176w1	HASAGA_2018	692	GYRO	345.58	-58.59
HMP176w1	HASAGA_2018	693	GYRO	345.58	-58.56
HMP176w1	HASAGA_2018	694	GYRO	345.57	-58.45
HMP176w1	HASAGA_2018	695	GYRO	345.64	-58.35
HMP176w1	HASAGA_2018	696	GYRO	345.68	-58.36
HMP176w1	HASAGA_2018	697	GYRO	345.64	-58.24
HMP176w1	HASAGA_2018	698	GYRO	345.75	-58.18
HMP176w1	HASAGA_2018	699	GYRO	345.9	-58.1
HMP176w1	HASAGA_2018	700	GYRO	345.9	-58.02
HMP176w1	HASAGA_2018	705	GYRO	346.16	-57.79
HMP176w1	HASAGA_2018	710	GYRO	346.29	-57.51
HMP176w1	HASAGA_2018	715	GYRO	346.65	-57.36
HMP176w1	HASAGA_2018	720	GYRO	347.05	-57.1
HMP176w1	HASAGA_2018	725	GYRO	347.25	-56.81
HMP176w1	HASAGA_2018	730	GYRO	347.57	-56.43
HMP176w1	HASAGA_2018	735	GYRO	347.63	-56.21
HMP176w1	HASAGA_2018	740	GYRO	347.93	-55.95
HMP176w1	HASAGA_2018	745	GYRO	348.16	-55.74
HMP176w1	HASAGA_2018	750	GYRO	348.42	-55.53
HMP176w1	HASAGA_2018	755	GYRO	348.63	-55.28
HMP176w1	HASAGA_2018	760	GYRO	348.98	-55.01
HMP176w1	HASAGA_2018	765	GYRO	349.2	-54.73
HMP176w1	HASAGA_2018	770	GYRO	349.23	-54.46
HMP176w1	HASAGA_2018	775	GYRO	349.42	-54.19
HMP176w1	HASAGA_2018	780	GYRO	349.39	-53.98
HMP176w1	HASAGA_2018	785	GYRO	349.43	-53.79
HMP176w1	HASAGA_2018	790	GYRO	349.32	-53.61
HMP176w1	HASAGA_2018	795	GYRO	349.29	-53.51
HMP176w1	HASAGA_2018	800	GYRO	349.22	-53.36
HMP176w1	HASAGA_2018	805	GYRO	349.27	-53.26
HMP176w1	HASAGA_2018	810	GYRO	349.2	-53.25
HMP176w1	HASAGA_2018	815	GYRO	349.22	-53.2
HMP176w1	HASAGA_2018	820	GYRO	349.32	-53.04
HMP176w1	HASAGA_2018	825	GYRO	349.29	-52.98
HMP176w1	HASAGA_2018	830	GYRO	349.31	-52.85
HMP176w1	HASAGA_2018	835	GYRO	349.24	-52.81
HMP176w1	HASAGA_2018	840	GYRO	349.3	-52.68
HMP176w1	HASAGA_2018	845	GYRO	349.24	-52.53
HMP176w1	HASAGA_2018	850	GYRO	349.33	-52.68
HMP176w1	HASAGA_2018	855	GYRO	349.3	-52.48
HMP176w1	HASAGA_2018	860	GYRO	349.26	-52.49
HMP176w1	HASAGA_2018	865	GYRO	349.24	-52.44
HMP176w1	HASAGA_2018	870	GYRO	349.13	-52.24
HMP176w1	HASAGA_2018	875	GYRO	349.24	-52.24
HMP176w1	HASAGA_2018	880	GYRO	349.16	-52.17
HMP176w1	HASAGA_2018	885	GYRO	349.12	-52.26
HMP176w1	HASAGA_2018	890	GYRO	349.07	-52.22
HMP176w1	HASAGA_2018	895	GYRO	349.16	-52.18
HMP176w1	HASAGA_2018	900	GYRO	349.09	-52.13
HMP176w1	HASAGA_2018	905	GYRO	348.99	-52.03
HMP176w1	HASAGA_2018	910	GYRO	348.97	-51.97
HMP176w1	HASAGA_2018	915	GYRO	348.94	-51.96
HMP176w1	HASAGA_2018	920	GYRO	348.9	-51.85



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w1	HASAGA_2018	925	GYRO	348.86	-51.79
HMP176w1	HASAGA_2018	930	GYRO	348.83	-51.76
HMP176w1	HASAGA_2018	935	GYRO	348.78	-51.68
HMP176w1	HASAGA_2018	940	GYRO	348.77	-51.57
HMP176w1	HASAGA_2018	945	GYRO	348.79	-51.56
HMP176w1	HASAGA_2018	950	GYRO	348.76	-51.56
HMP176w1	HASAGA_2018	955	GYRO	348.6	-51.43
HMP176w1	HASAGA_2018	960	GYRO	348.63	-51.37
HMP176w1	HASAGA_2018	965	GYRO	348.47	-51.26
HMP176w1	HASAGA_2018	970	GYRO	348.42	-51.18
HMP176w1	HASAGA_2018	975	GYRO	348.37	-51.07
HMP176w1	HASAGA_2018	980	GYRO	348.38	-50.89
HMP176w1	HASAGA_2018	985	GYRO	348.37	-50.83
HMP176w1	HASAGA_2018	990	GYRO	348.38	-50.83
HMP176w1	HASAGA_2018	995	GYRO	348.39	-50.72
HMP176w1	HASAGA_2018	1000	GYRO	348.42	-50.66
HMP176w1	HASAGA_2018	1005	GYRO	348.43	-50.64
HMP176w1	HASAGA_2018	1010	GYRO	348.41	-50.55
HMP176w1	HASAGA_2018	1015	GYRO	348.42	-50.54
HMP176w1	HASAGA_2018	1020	GYRO	348.48	-50.38
HMP176w1	HASAGA_2018	1025	GYRO	348.45	-50.3
HMP176w1	HASAGA_2018	1030	GYRO	348.42	-50.21
HMP176w1	HASAGA_2018	1035	GYRO	348.44	-50.2
HMP176w1	HASAGA_2018	1040	GYRO	348.5	-50.05
HMP176w1	HASAGA_2018	1045	GYRO	348.51	-50.03
HMP176w1	HASAGA_2018	1050	GYRO	348.5	-49.99
HMP176w1	HASAGA_2018	1055	GYRO	348.58	-49.9
HMP176w1	HASAGA_2018	1060	GYRO	348.48	-49.84
HMP176w1	HASAGA_2018	1065	GYRO	348.51	-49.67
HMP176w1	HASAGA_2018	1070	GYRO	348.43	-49.74
HMP176w1	HASAGA_2018	1075	GYRO	348.53	-49.72
HMP176w1	HASAGA_2018	1080	GYRO	348.49	-49.68
HMP176w1	HASAGA_2018	1085	GYRO	348.45	-49.55
HMP176w1	HASAGA_2018	1090	GYRO	348.48	-49.54
HMP176w1	HASAGA_2018	1095	GYRO	348.49	-49.55
HMP176w1	HASAGA_2018	1100	GYRO	348.49	-49.54
HMP176w1	HASAGA_2018	1105	GYRO	348.48	-49.59
HMP176w1	HASAGA_2018	1110	GYRO	348.54	-49.52
HMP176w1	HASAGA_2018	1115	GYRO	348.6	-49.45
HMP176w1	HASAGA_2018	1120	GYRO	348.54	-49.5
HMP176w1	HASAGA_2018	1125	GYRO	348.53	-49.48
HMP176w1	HASAGA_2018	1130	GYRO	348.47	-49.45
HMP176w1	HASAGA_2018	1135	GYRO	348.53	-49.4
HMP176w1	HASAGA_2018	1140	GYRO	348.48	-49.39
HMP176w1	HASAGA_2018	1145	GYRO	348.45	-49.28
HMP176w1	HASAGA_2018	1150	GYRO	348.67	-49.11
HMP176w2	HASAGA_2018	0	GYRO	328.6	-77.75
HMP176w2	HASAGA_2018	5	GYRO	328.96	-77.74
HMP176w2	HASAGA_2018	10	GYRO	328.98	-77.63
HMP176w2	HASAGA_2018	15	GYRO	328.8	-77.63
HMP176w2	HASAGA_2018	20	GYRO	327.49	-77.59
HMP176w2	HASAGA_2018	25	GYRO	329.08	-77.53
HMP176w2	HASAGA_2018	30	GYRO	330.87	-77.46
HMP176w2	HASAGA_2018	35	GYRO	328.51	-77.43
HMP176w2	HASAGA_2018	40	GYRO	328.19	-77.36

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w2	HASAGA_2018	45	GYRO	328.49	-77.38
HMP176w2	HASAGA_2018	50	GYRO	328.39	-77.29
HMP176w2	HASAGA_2018	55	GYRO	328.3	-77.29
HMP176w2	HASAGA_2018	60	GYRO	328	-77.2
HMP176w2	HASAGA_2018	65	GYRO	328.41	-77.17
HMP176w2	HASAGA_2018	70	GYRO	328.48	-77.09
HMP176w2	HASAGA_2018	75	GYRO	328.21	-76.97
HMP176w2	HASAGA_2018	80	GYRO	328.27	-76.89
HMP176w2	HASAGA_2018	85	GYRO	328.31	-76.83
HMP176w2	HASAGA_2018	90	GYRO	328.31	-76.67
HMP176w2	HASAGA_2018	95	GYRO	328.4	-76.67
HMP176w2	HASAGA_2018	100	GYRO	328.45	-76.58
HMP176w2	HASAGA_2018	105	GYRO	328.02	-76.47
HMP176w2	HASAGA_2018	110	GYRO	328.23	-76.33
HMP176w2	HASAGA_2018	115	GYRO	328.29	-76.18
HMP176w2	HASAGA_2018	120	GYRO	328.45	-76.04
HMP176w2	HASAGA_2018	125	GYRO	328.43	-76.04
HMP176w2	HASAGA_2018	130	GYRO	328.35	-75.9
HMP176w2	HASAGA_2018	135	GYRO	328.58	-75.82
HMP176w2	HASAGA_2018	140	GYRO	328.48	-75.67
HMP176w2	HASAGA_2018	145	GYRO	328.34	-75.53
HMP176w2	HASAGA_2018	150	GYRO	328.7	-75.39
HMP176w2	HASAGA_2018	155	GYRO	328.57	-75.25
HMP176w2	HASAGA_2018	160	GYRO	328.51	-75.18
HMP176w2	HASAGA_2018	165	GYRO	328.78	-75.11
HMP176w2	HASAGA_2018	170	GYRO	328.56	-74.98
HMP176w2	HASAGA_2018	175	GYRO	328.41	-74.84
HMP176w2	HASAGA_2018	180	GYRO	328.3	-74.76
HMP176w2	HASAGA_2018	185	GYRO	328.34	-74.61
HMP176w2	HASAGA_2018	190	GYRO	328.33	-74.48
HMP176w2	HASAGA_2018	195	GYRO	328.44	-74.28
HMP176w2	HASAGA_2018	200	GYRO	328.06	-74.27
HMP176w2	HASAGA_2018	205	GYRO	328.03	-74.13
HMP176w2	HASAGA_2018	210	GYRO	328.12	-73.99
HMP176w2	HASAGA_2018	215	GYRO	327.79	-73.91
HMP176w2	HASAGA_2018	220	GYRO	327.77	-73.77
HMP176w2	HASAGA_2018	225	GYRO	327.95	-73.63
HMP176w2	HASAGA_2018	230	GYRO	327.99	-73.48
HMP176w2	HASAGA_2018	235	GYRO	328.05	-73.34
HMP176w2	HASAGA_2018	240	GYRO	328.11	-73.21
HMP176w2	HASAGA_2018	245	GYRO	328.22	-73.12
HMP176w2	HASAGA_2018	250	GYRO	328.27	-72.98
HMP176w2	HASAGA_2018	255	GYRO	328.07	-72.9
HMP176w2	HASAGA_2018	260	GYRO	328.24	-72.83
HMP176w2	HASAGA_2018	265	GYRO	328.36	-72.69
HMP176w2	HASAGA_2018	270	GYRO	328.29	-72.55
HMP176w2	HASAGA_2018	275	GYRO	328.44	-72.55
HMP176w2	HASAGA_2018	280	GYRO	328.63	-72.4
HMP176w2	HASAGA_2018	285	GYRO	328.73	-72.27
HMP176w2	HASAGA_2018	290	GYRO	328.95	-72.19
HMP176w2	HASAGA_2018	295	GYRO	329.25	-72.14
HMP176w2	HASAGA_2018	300	GYRO	329.23	-71.9
HMP176w2	HASAGA_2018	305	GYRO	329.47	-71.77
HMP176w2	HASAGA_2018	310	GYRO	329.37	-71.61
HMP176w2	HASAGA_2018	315	GYRO	329.69	-71.48

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w2	HASAGA_2018	320	GYRO	329.78	-71.11
HMP176w2	HASAGA_2018	325	GYRO	330.21	-70.82
HMP176w2	HASAGA_2018	330	GYRO	330.35	-70.67
HMP176w2	HASAGA_2018	335	GYRO	330.73	-70.45
HMP176w2	HASAGA_2018	340	GYRO	330.97	-70.46
HMP176w2	HASAGA_2018	345	GYRO	330.79	-70.32
HMP176w2	HASAGA_2018	350	GYRO	331.04	-70.38
HMP176w2	HASAGA_2018	355	GYRO	331.16	-70.1
HMP176w2	HASAGA_2018	360	GYRO	331.37	-70.02
HMP176w2	HASAGA_2018	365	GYRO	331.88	-69.8
HMP176w2	HASAGA_2018	370	GYRO	332.02	-69.67
HMP176w2	HASAGA_2018	375	GYRO	332.02	-69.57
HMP176w2	HASAGA_2018	380	GYRO	332.36	-69.45
HMP176w2	HASAGA_2018	385	GYRO	332.55	-69.29
HMP176w2	HASAGA_2018	390	GYRO	332.58	-69.2
HMP176w2	HASAGA_2018	395	GYRO	332.82	-69.24
HMP176w2	HASAGA_2018	400	GYRO	333.02	-69.01
HMP176w2	HASAGA_2018	405	GYRO	331.76	-68.82
HMP176w2	HASAGA_2018	410	GYRO	331.85	-68.75
HMP176w2	HASAGA_2018	415	GYRO	332.05	-68.55
HMP176w2	HASAGA_2018	420	GYRO	332.4	-68.28
HMP176w2	HASAGA_2018	425	GYRO	332.83	-67.96
HMP176w2	HASAGA_2018	430	GYRO	333	-67.74
HMP176w2	HASAGA_2018	435	GYRO	333.07	-67.55
HMP176w2	HASAGA_2018	440	GYRO	333.06	-67.34
HMP176w2	HASAGA_2018	445	GYRO	333.05	-67.21
HMP176w2	HASAGA_2018	450	GYRO	333.2	-67.07
HMP176w2	HASAGA_2018	455	GYRO	333.29	-67.07
HMP176w2	HASAGA_2018	460	GYRO	333.3	-67.03
HMP176w2	HASAGA_2018	465	GYRO	333.42	-67.04
HMP176w2	HASAGA_2018	470	GYRO	333.65	-66.93
HMP176w2	HASAGA_2018	475	GYRO	333.91	-66.93
HMP176w2	HASAGA_2018	480	GYRO	333.92	-66.78
HMP176w2	HASAGA_2018	485	GYRO	334.07	-66.71
HMP176w2	HASAGA_2018	490	GYRO	334.11	-66.6
HMP176w2	HASAGA_2018	495	GYRO	333.27	-66.42
HMP176w2	HASAGA_2018	500	GYRO	333.27	-66.36
HMP176w2	HASAGA_2018	505	GYRO	333.45	-66.25
HMP176w2	HASAGA_2018	510	GYRO	333.6	-66.17
HMP176w2	HASAGA_2018	515	GYRO	333.77	-66.06
HMP176w2	HASAGA_2018	520	GYRO	333.92	-65.94
HMP176w2	HASAGA_2018	525	GYRO	334.11	-65.79
HMP176w2	HASAGA_2018	530	GYRO	334.18	-65.76
HMP176w2	HASAGA_2018	535	GYRO	334.18	-65.68
HMP176w2	HASAGA_2018	540	GYRO	331.47	-65.26
HMP176w2	HASAGA_2018	545	GYRO	332.47	-64.13
HMP176w2	HASAGA_2018	550	GYRO	333.17	-63.59
HMP176w2	HASAGA_2018	555	GYRO	334.01	-63.1
HMP176w2	HASAGA_2018	560	GYRO	334.75	-62.51
HMP176w2	HASAGA_2018	565	GYRO	335.02	-62.21
HMP176w2	HASAGA_2018	570	GYRO	335.42	-62.01
HMP176w2	HASAGA_2018	575	GYRO	335.83	-61.79
HMP176w2	HASAGA_2018	580	GYRO	336.21	-61.48
HMP176w2	HASAGA_2018	585	GYRO	336.55	-61.26
HMP176w2	HASAGA_2018	590	GYRO	334.88	-60.74

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w2	HASAGA_2018	595	GYRO	334.41	-59.93
HMP176w2	HASAGA_2018	600	GYRO	334.79	-59.26
HMP176w2	HASAGA_2018	605	GYRO	334.81	-59.15
HMP176w2	HASAGA_2018	610	GYRO	335.18	-58.91
HMP176w2	HASAGA_2018	615	GYRO	335.56	-58.75
HMP176w2	HASAGA_2018	620	GYRO	336.02	-58.55
HMP176w2	HASAGA_2018	625	GYRO	336.22	-58.51
HMP176w2	HASAGA_2018	630	GYRO	336.64	-58.44
HMP176w2	HASAGA_2018	635	GYRO	336.94	-58.34
HMP176w2	HASAGA_2018	640	GYRO	337.2	-58.27
HMP176w2	HASAGA_2018	645	GYRO	337.62	-58.13
HMP176w2	HASAGA_2018	650	GYRO	337.88	-58.03
HMP176w2	HASAGA_2018	655	GYRO	338.12	-57.93
HMP176w2	HASAGA_2018	660	GYRO	338.51	-57.82
HMP176w2	HASAGA_2018	665	GYRO	338.7	-57.7
HMP176w2	HASAGA_2018	670	GYRO	339.19	-57.5
HMP176w2	HASAGA_2018	675	GYRO	339.52	-57.32
HMP176w2	HASAGA_2018	680	GYRO	339.8	-57.23
HMP176w2	HASAGA_2018	685	GYRO	340.28	-56.99
HMP176w2	HASAGA_2018	690	GYRO	340.45	-56.84
HMP176w2	HASAGA_2018	695	GYRO	341.13	-56.36
HMP176w2	HASAGA_2018	700	GYRO	341.13	-56.36
HMP176w2	HASAGA_2018	705	GYRO	341.31	-56.24
HMP176w2	HASAGA_2018	710	GYRO	341.52	-56.1
HMP176w2	HASAGA_2018	715	GYRO	341.83	-55.94
HMP176w2	HASAGA_2018	720	GYRO	342.12	-55.59
HMP176w2	HASAGA_2018	725	GYRO	342.33	-55.38
HMP176w2	HASAGA_2018	730	GYRO	342.67	-54.93
HMP176w2	HASAGA_2018	735	GYRO	342.74	-54.32
HMP176w2	HASAGA_2018	740	GYRO	342.92	-53.79
HMP176w2	HASAGA_2018	745	GYRO	342.89	-53.47
HMP176w2	HASAGA_2018	750	GYRO	342.91	-53.31
HMP176w2	HASAGA_2018	755	GYRO	343.01	-53.33
HMP176w2	HASAGA_2018	760	GYRO	343.05	-53.21
HMP176w2	HASAGA_2018	765	GYRO	343.07	-53.17
HMP176w2	HASAGA_2018	770	GYRO	343.12	-53.08
HMP176w2	HASAGA_2018	775	GYRO	343.16	-52.96
HMP176w2	HASAGA_2018	780	GYRO	343.18	-52.91
HMP176w2	HASAGA_2018	785	GYRO	343.23	-52.7
HMP176w2	HASAGA_2018	790	GYRO	343.24	-52.69
HMP176w2	HASAGA_2018	795	GYRO	343.14	-52.6
HMP176w2	HASAGA_2018	800	GYRO	343.19	-52.58
HMP176w2	HASAGA_2018	805	GYRO	343.2	-52.51
HMP176w2	HASAGA_2018	810	GYRO	343.23	-52.49
HMP176w2	HASAGA_2018	815	GYRO	343.18	-52.47
HMP176w2	HASAGA_2018	820	GYRO	343.19	-52.25
HMP176w2	HASAGA_2018	825	GYRO	343.27	-52.22
HMP176w2	HASAGA_2018	830	GYRO	343.28	-52.09
HMP176w2	HASAGA_2018	835	GYRO	343.4	-52.03
HMP176w2	HASAGA_2018	840	GYRO	343.4	-52.03
HMP176w2	HASAGA_2018	845	GYRO	343.37	-51.89
HMP176w2	HASAGA_2018	850	GYRO	343.66	-51.81
HMP176w2	HASAGA_2018	855	GYRO	343.66	-51.65
HMP176w2	HASAGA_2018	860	GYRO	343.73	-51.68
HMP176w2	HASAGA_2018	865	GYRO	343.76	-51.63

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w2	HASAGA_2018	870	GYRO	343.85	-51.48
HMP176w2	HASAGA_2018	875	GYRO	343.83	-51.46
HMP176w2	HASAGA_2018	880	GYRO	343.84	-51.29
HMP176w2	HASAGA_2018	885	GYRO	343.83	-51.27
HMP176w2	HASAGA_2018	890	GYRO	343.9	-51.19
HMP176w2	HASAGA_2018	895	GYRO	343.85	-51.21
HMP176w2	HASAGA_2018	900	GYRO	343.89	-51.02
HMP176w2	HASAGA_2018	905	GYRO	343.89	-51.01
HMP176w2	HASAGA_2018	910	GYRO	343.91	-50.99
HMP176w2	HASAGA_2018	915	GYRO	343.87	-50.85
HMP176w2	HASAGA_2018	920	GYRO	343.86	-50.73
HMP176w2	HASAGA_2018	925	GYRO	343.85	-50.49
HMP176w2	HASAGA_2018	930	GYRO	343.82	-50.44
HMP176w2	HASAGA_2018	935	GYRO	343.8	-50.25
HMP176w2	HASAGA_2018	940	GYRO	343.77	-50.1
HMP176w2	HASAGA_2018	945	GYRO	343.61	-49.94
HMP176w2	HASAGA_2018	950	GYRO	343.68	-49.81
HMP176w2	HASAGA_2018	955	GYRO	343.68	-49.68
HMP176w2	HASAGA_2018	960	GYRO	343.67	-49.38
HMP176w2	HASAGA_2018	965	GYRO	343.64	-49.49
HMP176w2	HASAGA_2018	970	GYRO	343.67	-49.48
HMP176w2	HASAGA_2018	975	GYRO	343.67	-49.35
HMP176w2	HASAGA_2018	980	GYRO	343.64	-49.23
HMP176w2	HASAGA_2018	985	GYRO	343.66	-49.28
HMP176w2	HASAGA_2018	990	GYRO	343.68	-49.14
HMP176w2	HASAGA_2018	995	GYRO	343.64	-49.06
HMP176w2	HASAGA_2018	1000	GYRO	343.69	-49
HMP176w2	HASAGA_2018	1005	GYRO	343.7	-48.95
HMP176w2	HASAGA_2018	1010	GYRO	343.72	-48.97
HMP176w2	HASAGA_2018	1015	GYRO	343.72	-48.9
HMP176w2	HASAGA_2018	1020	GYRO	343.71	-48.84
HMP176w2	HASAGA_2018	1025	GYRO	343.7	-48.82
HMP176w2	HASAGA_2018	1030	GYRO	343.72	-48.79
HMP176w2	HASAGA_2018	1035	GYRO	343.77	-48.8
HMP176w2	HASAGA_2018	1040	GYRO	343.73	-48.62
HMP176w2	HASAGA_2018	1045	GYRO	343.73	-48.51
HMP176w2	HASAGA_2018	1050	GYRO	343.75	-48.43
HMP176w2	HASAGA_2018	1055	GYRO	343.75	-48.31
HMP176w2	HASAGA_2018	1060	GYRO	343.74	-48.33
HMP176w2	HASAGA_2018	1065	GYRO	343.81	-48.25
HMP176w2	HASAGA_2018	1070	GYRO	343.85	-48.22
HMP176w2	HASAGA_2018	1075	GYRO	343.7	-48.21
HMP176w2	HASAGA_2018	1080	GYRO	343.7	-48.16
HMP176w2	HASAGA_2018	1085	GYRO	343.77	-48.13
HMP176w2	HASAGA_2018	1090	GYRO	343.65	-48.05
HMP176w2	HASAGA_2018	1095	GYRO	343.66	-48.04
HMP176w2	HASAGA_2018	1100	GYRO	343.66	-47.96
HMP176w2	HASAGA_2018	1105	GYRO	343.63	-47.94
HMP176w2	HASAGA_2018	1110	GYRO	343.66	-47.92
HMP176w2	HASAGA_2018	1115	GYRO	343.67	-47.88
HMP176w2	HASAGA_2018	1120	GYRO	343.61	-47.79
HMP176w2	HASAGA_2018	1125	GYRO	343.57	-47.79
HMP176w2	HASAGA_2018	1130	GYRO	343.57	-47.76
HMP176w2	HASAGA_2018	1135	GYRO	343.58	-47.71
HMP176w2	HASAGA_2018	1140	GYRO	343.34	-47.79

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w3	HASAGA_2018	0	GYRO	328.6	-77.75
HMP176w3	HASAGA_2018	5	GYRO	328.96	-77.74
HMP176w3	HASAGA_2018	10	GYRO	328.98	-77.63
HMP176w3	HASAGA_2018	15	GYRO	328.8	-77.63
HMP176w3	HASAGA_2018	20	GYRO	327.49	-77.59
HMP176w3	HASAGA_2018	25	GYRO	329.08	-77.53
HMP176w3	HASAGA_2018	30	GYRO	330.87	-77.46
HMP176w3	HASAGA_2018	35	GYRO	328.51	-77.43
HMP176w3	HASAGA_2018	40	GYRO	328.19	-77.36
HMP176w3	HASAGA_2018	45	GYRO	328.49	-77.38
HMP176w3	HASAGA_2018	50	GYRO	328.39	-77.29
HMP176w3	HASAGA_2018	55	GYRO	328.3	-77.29
HMP176w3	HASAGA_2018	60	GYRO	328	-77.2
HMP176w3	HASAGA_2018	65	GYRO	328.41	-77.17
HMP176w3	HASAGA_2018	70	GYRO	328.48	-77.09
HMP176w3	HASAGA_2018	75	GYRO	328.21	-76.97
HMP176w3	HASAGA_2018	80	GYRO	328.27	-76.89
HMP176w3	HASAGA_2018	85	GYRO	328.31	-76.83
HMP176w3	HASAGA_2018	90	GYRO	328.31	-76.67
HMP176w3	HASAGA_2018	95	GYRO	328.4	-76.67
HMP176w3	HASAGA_2018	100	GYRO	328.45	-76.58
HMP176w3	HASAGA_2018	105	GYRO	328.02	-76.47
HMP176w3	HASAGA_2018	110	GYRO	328.23	-76.33
HMP176w3	HASAGA_2018	115	GYRO	328.29	-76.18
HMP176w3	HASAGA_2018	120	GYRO	328.45	-76.04
HMP176w3	HASAGA_2018	125	GYRO	328.43	-76.04
HMP176w3	HASAGA_2018	130	GYRO	328.35	-75.9
HMP176w3	HASAGA_2018	135	GYRO	328.58	-75.82
HMP176w3	HASAGA_2018	140	GYRO	328.48	-75.67
HMP176w3	HASAGA_2018	145	GYRO	328.34	-75.53
HMP176w3	HASAGA_2018	150	GYRO	328.7	-75.39
HMP176w3	HASAGA_2018	155	GYRO	328.57	-75.25
HMP176w3	HASAGA_2018	160	GYRO	328.51	-75.18
HMP176w3	HASAGA_2018	165	GYRO	328.78	-75.11
HMP176w3	HASAGA_2018	170	GYRO	328.56	-74.98
HMP176w3	HASAGA_2018	175	GYRO	328.41	-74.84
HMP176w3	HASAGA_2018	180	GYRO	328.3	-74.76
HMP176w3	HASAGA_2018	185	GYRO	328.34	-74.61
HMP176w3	HASAGA_2018	190	GYRO	328.33	-74.48
HMP176w3	HASAGA_2018	195	GYRO	328.44	-74.28
HMP176w3	HASAGA_2018	200	GYRO	328.06	-74.27
HMP176w3	HASAGA_2018	205	GYRO	328.03	-74.13
HMP176w3	HASAGA_2018	210	GYRO	328.12	-73.99
HMP176w3	HASAGA_2018	215	GYRO	327.79	-73.91
HMP176w3	HASAGA_2018	220	GYRO	327.77	-73.77
HMP176w3	HASAGA_2018	225	GYRO	327.95	-73.63
HMP176w3	HASAGA_2018	230	GYRO	327.99	-73.48
HMP176w3	HASAGA_2018	235	GYRO	328.05	-73.34
HMP176w3	HASAGA_2018	240	GYRO	328.11	-73.21
HMP176w3	HASAGA_2018	245	GYRO	328.22	-73.12
HMP176w3	HASAGA_2018	250	GYRO	328.27	-72.98
HMP176w3	HASAGA_2018	255	GYRO	328.07	-72.9
HMP176w3	HASAGA_2018	260	GYRO	328.24	-72.83
HMP176w3	HASAGA_2018	265	GYRO	328.36	-72.69
HMP176w3	HASAGA_2018	270	GYRO	328.29	-72.55

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w3	HASAGA_2018	275	GYRO	328.44	-72.55
HMP176w3	HASAGA_2018	280	GYRO	328.63	-72.4
HMP176w3	HASAGA_2018	285	GYRO	328.73	-72.27
HMP176w3	HASAGA_2018	290	GYRO	328.95	-72.19
HMP176w3	HASAGA_2018	295	GYRO	329.25	-72.14
HMP176w3	HASAGA_2018	300	GYRO	329.23	-71.9
HMP176w3	HASAGA_2018	305	GYRO	329.47	-71.77
HMP176w3	HASAGA_2018	310	GYRO	329.37	-71.61
HMP176w3	HASAGA_2018	315	GYRO	329.69	-71.48
HMP176w3	HASAGA_2018	320	GYRO	329.78	-71.11
HMP176w3	HASAGA_2018	325	GYRO	330.21	-70.82
HMP176w3	HASAGA_2018	330	GYRO	330.35	-70.67
HMP176w3	HASAGA_2018	335	GYRO	330.73	-70.45
HMP176w3	HASAGA_2018	340	GYRO	330.97	-70.46
HMP176w3	HASAGA_2018	345	GYRO	330.79	-70.32
HMP176w3	HASAGA_2018	350	GYRO	331.04	-70.38
HMP176w3	HASAGA_2018	355	GYRO	331.16	-70.1
HMP176w3	HASAGA_2018	360	GYRO	331.37	-70.02
HMP176w3	HASAGA_2018	365	GYRO	331.88	-69.8
HMP176w3	HASAGA_2018	370	GYRO	332.02	-69.67
HMP176w3	HASAGA_2018	375	GYRO	332.02	-69.57
HMP176w3	HASAGA_2018	380	GYRO	332.36	-69.45
HMP176w3	HASAGA_2018	385	GYRO	332.55	-69.29
HMP176w3	HASAGA_2018	390	GYRO	332.58	-69.2
HMP176w3	HASAGA_2018	395	GYRO	332.82	-69.24
HMP176w3	HASAGA_2018	400	GYRO	333.02	-69.01
HMP176w3	HASAGA_2018	405	GYRO	331.76	-68.82
HMP176w3	HASAGA_2018	410	GYRO	331.85	-68.75
HMP176w3	HASAGA_2018	415	GYRO	332.05	-68.55
HMP176w3	HASAGA_2018	420	GYRO	332.4	-68.28
HMP176w3	HASAGA_2018	425	GYRO	332.83	-67.96
HMP176w3	HASAGA_2018	430	GYRO	333	-67.74
HMP176w3	HASAGA_2018	435	GYRO	333.07	-67.55
HMP176w3	HASAGA_2018	440	GYRO	333.06	-67.34
HMP176w3	HASAGA_2018	445	GYRO	333.05	-67.21
HMP176w3	HASAGA_2018	449	GYRO	332.19	-67.3
HMP176w3	HASAGA_2018	450	GYRO	332.19	-67.28
HMP176w3	HASAGA_2018	451	GYRO	332.18	-67.2
HMP176w3	HASAGA_2018	452	GYRO	332.17	-67.25
HMP176w3	HASAGA_2018	453	GYRO	332.07	-67.21
HMP176w3	HASAGA_2018	454	GYRO	332.15	-67.23
HMP176w3	HASAGA_2018	455	GYRO	332.37	-67.2
HMP176w3	HASAGA_2018	456	GYRO	332.43	-67.12
HMP176w3	HASAGA_2018	457	GYRO	332.37	-67.16
HMP176w3	HASAGA_2018	458	GYRO	332.35	-67.07
HMP176w3	HASAGA_2018	459	GYRO	332.31	-67.07
HMP176w3	HASAGA_2018	460	GYRO	332.31	-67.07
HMP176w3	HASAGA_2018	461	GYRO	332.37	-67.07
HMP176w3	HASAGA_2018	462	GYRO	332.42	-67.05
HMP176w3	HASAGA_2018	463	GYRO	332.48	-66.99
HMP176w3	HASAGA_2018	464	GYRO	332.55	-67.01
HMP176w3	HASAGA_2018	465	GYRO	332.63	-66.99
HMP176w3	HASAGA_2018	466	GYRO	332.56	-66.91
HMP176w3	HASAGA_2018	467	GYRO	332.17	-66.83
HMP176w3	HASAGA_2018	468	GYRO	331.37	-66.71

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w3	HASAGA_2018	469	GYRO	330.38	-66.47
HMP176w3	HASAGA_2018	470	GYRO	329.66	-66.31
HMP176w3	HASAGA_2018	471	GYRO	329.11	-66.18
HMP176w3	HASAGA_2018	472	GYRO	328.91	-66.09
HMP176w3	HASAGA_2018	473	GYRO	328.88	-66.08
HMP176w3	HASAGA_2018	474	GYRO	328.97	-66.02
HMP176w3	HASAGA_2018	475	GYRO	329.03	-66.01
HMP176w3	HASAGA_2018	476	GYRO	329.09	-65.94
HMP176w3	HASAGA_2018	477	GYRO	329.22	-65.94
HMP176w3	HASAGA_2018	478	GYRO	329.35	-65.87
HMP176w3	HASAGA_2018	479	GYRO	329.47	-65.86
HMP176w3	HASAGA_2018	480	GYRO	329.58	-65.87
HMP176w3	HASAGA_2018	481	GYRO	329.71	-65.79
HMP176w3	HASAGA_2018	482	GYRO	329.87	-65.72
HMP176w3	HASAGA_2018	483	GYRO	330	-65.71
HMP176w3	HASAGA_2018	484	GYRO	330.14	-65.71
HMP176w3	HASAGA_2018	485	GYRO	330.25	-65.71
HMP176w3	HASAGA_2018	486	GYRO	330.3	-65.66
HMP176w3	HASAGA_2018	487	GYRO	330.44	-65.63
HMP176w3	HASAGA_2018	488	GYRO	330.56	-65.62
HMP176w3	HASAGA_2018	489	GYRO	330.63	-65.57
HMP176w3	HASAGA_2018	490	GYRO	330.79	-65.56
HMP176w3	HASAGA_2018	491	GYRO	330.9	-65.5
HMP176w3	HASAGA_2018	492	GYRO	330.99	-65.41
HMP176w3	HASAGA_2018	493	GYRO	331.28	-65.41
HMP176w3	HASAGA_2018	494	GYRO	331.47	-65.34
HMP176w3	HASAGA_2018	495	GYRO	331.49	-65.26
HMP176w3	HASAGA_2018	496	GYRO	331.44	-65.19
HMP176w3	HASAGA_2018	497	GYRO	331.21	-65.04
HMP176w3	HASAGA_2018	498	GYRO	329.95	-64.42
HMP176w3	HASAGA_2018	499	GYRO	329.7	-64.29
HMP176w3	HASAGA_2018	500	GYRO	329.33	-63.82
HMP176w3	HASAGA_2018	501	GYRO	329.34	-63.82
HMP176w3	HASAGA_2018	502	GYRO	329.4	-63.75
HMP176w3	HASAGA_2018	503	GYRO	329.57	-63.67
HMP176w3	HASAGA_2018	504	GYRO	329.74	-63.53
HMP176w3	HASAGA_2018	505	GYRO	329.88	-63.51
HMP176w3	HASAGA_2018	506	GYRO	330.01	-63.36
HMP176w3	HASAGA_2018	507	GYRO	330.18	-63.27
HMP176w3	HASAGA_2018	508	GYRO	330.43	-63.26
HMP176w3	HASAGA_2018	509	GYRO	330.61	-63.27
HMP176w3	HASAGA_2018	510	GYRO	330.64	-63.26
HMP176w3	HASAGA_2018	511	GYRO	330.77	-63.19
HMP176w3	HASAGA_2018	512	GYRO	330.89	-63.15
HMP176w3	HASAGA_2018	513	GYRO	330.97	-63.13
HMP176w3	HASAGA_2018	514	GYRO	331.05	-63.03
HMP176w3	HASAGA_2018	515	GYRO	331.06	-62.89
HMP176w3	HASAGA_2018	516	GYRO	331.04	-62.82
HMP176w3	HASAGA_2018	517	GYRO	331.09	-62.66
HMP176w3	HASAGA_2018	518	GYRO	331.17	-62.6
HMP176w3	HASAGA_2018	519	GYRO	331.26	-62.53
HMP176w3	HASAGA_2018	520	GYRO	331.37	-62.52
HMP176w3	HASAGA_2018	521	GYRO	331.44	-62.51
HMP176w3	HASAGA_2018	522	GYRO	331.46	-62.43
HMP176w3	HASAGA_2018	523	GYRO	331.48	-62.44



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w3	HASAGA_2018	524	GYRO	331.56	-62.42
HMP176w3	HASAGA_2018	525	GYRO	331.63	-62.35
HMP176w3	HASAGA_2018	526	GYRO	331.67	-62.29
HMP176w3	HASAGA_2018	527	GYRO	331.67	-62.26
HMP176w3	HASAGA_2018	528	GYRO	331.4	-62.18
HMP176w3	HASAGA_2018	529	GYRO	331.39	-62.18
HMP176w3	HASAGA_2018	530	GYRO	331.4	-62.18
HMP176w3	HASAGA_2018	670	GYRO	333.86	-56.58
HMP176w3	HASAGA_2018	671	GYRO	333.86	-56.56
HMP176w3	HASAGA_2018	672	GYRO	333.88	-56.55
HMP176w3	HASAGA_2018	673	GYRO	333.88	-56.48
HMP176w3	HASAGA_2018	674	GYRO	333.87	-56.48
HMP176w3	HASAGA_2018	675	GYRO	333.88	-56.52
HMP176w3	HASAGA_2018	676	GYRO	333.93	-56.51
HMP176w3	HASAGA_2018	677	GYRO	333.97	-56.51
HMP176w3	HASAGA_2018	678	GYRO	333.99	-56.49
HMP176w3	HASAGA_2018	679	GYRO	333.96	-56.42
HMP176w3	HASAGA_2018	680	GYRO	333.96	-56.45
HMP176w3	HASAGA_2018	681	GYRO	334.08	-56.43
HMP176w3	HASAGA_2018	682	GYRO	334.08	-56.38
HMP176w3	HASAGA_2018	683	GYRO	334.03	-56.02
HMP176w3	HASAGA_2018	684	GYRO	333.96	-55.67
HMP176w3	HASAGA_2018	685	GYRO	333.84	-55.11
HMP176w3	HASAGA_2018	686	GYRO	333.8	-54.74
HMP176w3	HASAGA_2018	687	GYRO	333.81	-54.36
HMP176w3	HASAGA_2018	688	GYRO	333.85	-54.18
HMP176w3	HASAGA_2018	689	GYRO	333.92	-54.08
HMP176w3	HASAGA_2018	690	GYRO	334.03	-53.97
HMP176w3	HASAGA_2018	691	GYRO	334.15	-53.83
HMP176w3	HASAGA_2018	692	GYRO	334.29	-53.75
HMP176w3	HASAGA_2018	693	GYRO	334.44	-53.74
HMP176w3	HASAGA_2018	694	GYRO	334.68	-53.55
HMP176w3	HASAGA_2018	695	GYRO	334.84	-53.46
HMP176w3	HASAGA_2018	696	GYRO	335.01	-53.4
HMP176w3	HASAGA_2018	697	GYRO	335.16	-53.27
HMP176w3	HASAGA_2018	698	GYRO	335.33	-53.22
HMP176w3	HASAGA_2018	699	GYRO	335.45	-53.14
HMP176w3	HASAGA_2018	700	GYRO	335.53	-53.03
HMP176w3	HASAGA_2018	701	GYRO	336.72	-53.31
HMP176w3	HASAGA_2018	702	GYRO	336.75	-53.24
HMP176w3	HASAGA_2018	703	GYRO	336.83	-53.16
HMP176w3	HASAGA_2018	704	GYRO	336.82	-53.05
HMP176w3	HASAGA_2018	705	GYRO	336.8	-53
HMP176w3	HASAGA_2018	706	GYRO	336.9	-52.99
HMP176w3	HASAGA_2018	707	GYRO	336.91	-52.97
HMP176w3	HASAGA_2018	708	GYRO	336.92	-52.87
HMP176w3	HASAGA_2018	709	GYRO	336.98	-52.91
HMP176w3	HASAGA_2018	710	GYRO	336.99	-52.86
HMP176w3	HASAGA_2018	711	GYRO	336.98	-52.92
HMP176w3	HASAGA_2018	712	GYRO	336.87	-52.84
HMP176w3	HASAGA_2018	713	GYRO	336.87	-52.82
HMP176w3	HASAGA_2018	714	GYRO	336.99	-52.76
HMP176w3	HASAGA_2018	715	GYRO	336.96	-52.69
HMP176w3	HASAGA_2018	716	GYRO	336.89	-52.7
HMP176w3	HASAGA_2018	717	GYRO	336.88	-52.56

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w3	HASAGA_2018	718	GYRO	336.93	-52.57
HMP176w3	HASAGA_2018	719	GYRO	336.95	-52.48
HMP176w3	HASAGA_2018	720	GYRO	337.06	-52.55
HMP176w3	HASAGA_2018	725	GYRO	337	-52.4
HMP176w3	HASAGA_2018	730	GYRO	336.98	-52.34
HMP176w3	HASAGA_2018	735	GYRO	337.01	-52.32
HMP176w3	HASAGA_2018	740	GYRO	337.08	-52.31
HMP176w3	HASAGA_2018	745	GYRO	337.14	-52.04
HMP176w3	HASAGA_2018	750	GYRO	337.12	-51.94
HMP176w3	HASAGA_2018	755	GYRO	337.22	-51.89
HMP176w3	HASAGA_2018	760	GYRO	337.26	-51.67
HMP176w3	HASAGA_2018	765	GYRO	337.34	-51.58
HMP176w3	HASAGA_2018	770	GYRO	337.39	-51.66
HMP176w3	HASAGA_2018	775	GYRO	337.4	-51.39
HMP176w3	HASAGA_2018	780	GYRO	337.43	-51.38
HMP176w3	HASAGA_2018	785	GYRO	337.47	-51.23
HMP176w3	HASAGA_2018	790	GYRO	337.51	-51.22
HMP176w3	HASAGA_2018	795	GYRO	337.55	-51.07
HMP176w3	HASAGA_2018	800	GYRO	337.55	-51.03
HMP176w3	HASAGA_2018	805	GYRO	337.42	-51.06
HMP176w3	HASAGA_2018	810	GYRO	337.38	-51.03
HMP176w3	HASAGA_2018	815	GYRO	337.4	-50.94
HMP176w3	HASAGA_2018	820	GYRO	337.39	-50.89
HMP176w3	HASAGA_2018	825	GYRO	337.4	-50.79
HMP176w3	HASAGA_2018	830	GYRO	337.39	-50.73
HMP176w3	HASAGA_2018	835	GYRO	337.47	-50.62
HMP176w3	HASAGA_2018	840	GYRO	337.52	-50.54
HMP176w3	HASAGA_2018	845	GYRO	337.51	-50.51
HMP176w3	HASAGA_2018	850	GYRO	337.51	-50.49
HMP176w3	HASAGA_2018	855	GYRO	337.6	-50.27
HMP176w3	HASAGA_2018	860	GYRO	337.54	-50.2
HMP176w3	HASAGA_2018	865	GYRO	337.7	-50.07
HMP176w3	HASAGA_2018	870	GYRO	337.73	-50.06
HMP176w3	HASAGA_2018	875	GYRO	337.8	-50.05
HMP176w3	HASAGA_2018	880	GYRO	337.99	-49.99
HMP176w3	HASAGA_2018	885	GYRO	337.94	-49.83
HMP176w3	HASAGA_2018	890	GYRO	338.06	-49.74
HMP176w3	HASAGA_2018	895	GYRO	338.13	-49.62
HMP176w3	HASAGA_2018	900	GYRO	338.18	-49.42
HMP176w3	HASAGA_2018	905	GYRO	338.21	-49.38
HMP176w3	HASAGA_2018	910	GYRO	338.19	-49.3
HMP176w3	HASAGA_2018	915	GYRO	338.26	-49.16
HMP176w3	HASAGA_2018	920	GYRO	338.25	-49.22
HMP176w3	HASAGA_2018	925	GYRO	338.35	-49.01
HMP176w3	HASAGA_2018	930	GYRO	338.38	-48.9
HMP176w3	HASAGA_2018	935	GYRO	338.33	-48.73
HMP176w3	HASAGA_2018	940	GYRO	338.39	-48.61
HMP176w3	HASAGA_2018	945	GYRO	338.43	-48.63
HMP176w3	HASAGA_2018	950	GYRO	338.59	-48.42
HMP176w3	HASAGA_2018	955	GYRO	338.49	-48.36
HMP176w3	HASAGA_2018	960	GYRO	338.42	-48.29
HMP176w3	HASAGA_2018	965	GYRO	338.48	-48.16
HMP176w3	HASAGA_2018	970	GYRO	338.41	-48.02
HMP176w3	HASAGA_2018	975	GYRO	338.43	-48.15
HMP176w3	HASAGA_2018	980	GYRO	338.37	-48.03

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP176w3	HASAGA_2018	985	GYRO	338.52	-47.95
HMP176w3	HASAGA_2018	990	GYRO	338.46	-47.95
HMP176w3	HASAGA_2018	995	GYRO	338.49	-47.88
HMP176w3	HASAGA_2018	1000	GYRO	338.54	-47.76
HMP176w3	HASAGA_2018	1005	GYRO	338.49	-47.8
HMP176w3	HASAGA_2018	1010	GYRO	338.48	-47.65
HMP176w3	HASAGA_2018	1015	GYRO	338.3	-47.6
HMP176w3	HASAGA_2018	1020	GYRO	338.32	-47.59
HMP176w3	HASAGA_2018	1025	GYRO	338.1	-47.58
HMP176w3	HASAGA_2018	1030	GYRO	338.15	-47.52
HMP176w3	HASAGA_2018	1035	GYRO	338.1	-47.49
HMP176w3	HASAGA_2018	1040	GYRO	338.16	-47.43
HMP176w3	HASAGA_2018	1045	GYRO	337.95	-47.47
HMP176w3	HASAGA_2018	1050	GYRO	338	-47.36
HMP176w3	HASAGA_2018	1055	GYRO	338.05	-47.25
HMP176w3	HASAGA_2018	1060	GYRO	338.08	-47.02
HMP176w3	HASAGA_2018	1065	GYRO	338.09	-47.03
HMP176w3	HASAGA_2018	1070	GYRO	338.11	-47.01
HMP176w3	HASAGA_2018	1075	GYRO	338.2	-46.85
HMP177	HASAGA_2018	0	GYRO	148.16	-66.18
HMP177	HASAGA_2018	5	GYRO	148.5	-66.07
HMP177	HASAGA_2018	10	GYRO	148.24	-66
HMP177	HASAGA_2018	15	GYRO	148.29	-66.01
HMP177	HASAGA_2018	20	GYRO	148.45	-65.95
HMP177	HASAGA_2018	25	GYRO	148.45	-66
HMP177	HASAGA_2018	30	GYRO	148.34	-65.92
HMP177	HASAGA_2018	35	GYRO	148.28	-65.92
HMP177	HASAGA_2018	40	GYRO	148.41	-65.84
HMP177	HASAGA_2018	45	GYRO	148.49	-65.7
HMP177	HASAGA_2018	50	GYRO	148.48	-65.63
HMP177	HASAGA_2018	55	GYRO	148.5	-65.62
HMP177	HASAGA_2018	60	GYRO	148.6	-65.55
HMP177	HASAGA_2018	65	GYRO	148.55	-65.39
HMP177	HASAGA_2018	70	GYRO	148.51	-65.4
HMP177	HASAGA_2018	75	GYRO	148.66	-65.38
HMP177	HASAGA_2018	80	GYRO	148.71	-65.24
HMP177	HASAGA_2018	85	GYRO	148.7	-65.24
HMP177	HASAGA_2018	90	GYRO	148.6	-65.25
HMP177	HASAGA_2018	95	GYRO	148.76	-65.24
HMP177	HASAGA_2018	100	GYRO	148.97	-65.09
HMP177	HASAGA_2018	105	GYRO	148.96	-65.08
HMP177	HASAGA_2018	110	GYRO	149.09	-65.01
HMP177	HASAGA_2018	115	GYRO	149.28	-64.87
HMP177	HASAGA_2018	120	GYRO	149.47	-64.77
HMP177	HASAGA_2018	125	GYRO	149.31	-64.69
HMP177	HASAGA_2018	130	GYRO	149.34	-64.67
HMP177	HASAGA_2018	135	GYRO	149.47	-64.48
HMP177	HASAGA_2018	140	GYRO	149.56	-64.24
HMP177	HASAGA_2018	145	GYRO	149.58	-64.1
HMP177	HASAGA_2018	150	GYRO	149.55	-64.08
HMP177	HASAGA_2018	155	GYRO	149.75	-64.01
HMP177	HASAGA_2018	160	GYRO	149.84	-63.85
HMP177	HASAGA_2018	165	GYRO	149.69	-63.71
HMP177	HASAGA_2018	170	GYRO	149.7	-63.69
HMP177	HASAGA_2018	175	GYRO	149.73	-63.54

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP177	HASAGA_2018	180	GYRO	150.02	-63.32
HMP177	HASAGA_2018	185	GYRO	149.91	-63.1
HMP177	HASAGA_2018	190	GYRO	150.01	-63.01
HMP177	HASAGA_2018	195	GYRO	150.16	-62.94
HMP177	HASAGA_2018	200	GYRO	150.38	-62.77
HMP177	HASAGA_2018	205	GYRO	150.5	-62.61
HMP177	HASAGA_2018	210	GYRO	150.44	-62.4
HMP177	HASAGA_2018	215	GYRO	150.32	-62.24
HMP177	HASAGA_2018	220	GYRO	150.39	-62.16
HMP177	HASAGA_2018	225	GYRO	150.52	-62.02
HMP177	HASAGA_2018	230	GYRO	150.65	-61.95
HMP177	HASAGA_2018	235	GYRO	150.73	-61.78
HMP177	HASAGA_2018	240	GYRO	150.79	-61.62
HMP177	HASAGA_2018	245	GYRO	150.85	-61.47
HMP177	HASAGA_2018	250	GYRO	150.91	-61.31
HMP177	HASAGA_2018	255	GYRO	151.04	-61.15
HMP177	HASAGA_2018	260	GYRO	151.14	-60.85
HMP177	HASAGA_2018	265	GYRO	151.24	-60.68
HMP177	HASAGA_2018	270	GYRO	151.21	-60.5
HMP177	HASAGA_2018	275	GYRO	151.32	-60.21
HMP177	HASAGA_2018	280	GYRO	151.53	-60.02
HMP177	HASAGA_2018	285	GYRO	151.53	-59.87
HMP177	HASAGA_2018	290	GYRO	151.59	-59.71
HMP177	HASAGA_2018	295	GYRO	151.71	-59.49
HMP177	HASAGA_2018	300	GYRO	151.8	-59.23
HMP177	HASAGA_2018	305	GYRO	151.87	-59.08
HMP177	HASAGA_2018	310	GYRO	151.9	-58.99
HMP177	HASAGA_2018	315	GYRO	151.96	-58.83
HMP177	HASAGA_2018	320	GYRO	152.06	-58.68
HMP177	HASAGA_2018	325	GYRO	152.09	-58.53
HMP177	HASAGA_2018	330	GYRO	152.12	-58.44
HMP177	HASAGA_2018	335	GYRO	151.99	-58.37
HMP177	HASAGA_2018	340	GYRO	151.95	-58.22
HMP177	HASAGA_2018	345	GYRO	152.05	-58.05
HMP177	HASAGA_2018	350	GYRO	151.85	-57.96
HMP177	HASAGA_2018	355	GYRO	151.9	-57.88
HMP177	HASAGA_2018	360	GYRO	151.94	-57.78
HMP177	HASAGA_2018	365	GYRO	151.91	-57.7
HMP177	HASAGA_2018	370	GYRO	151.94	-57.55
HMP177	HASAGA_2018	375	GYRO	152	-57.46
HMP177	HASAGA_2018	380	GYRO	152.09	-57.24
HMP177	HASAGA_2018	385	GYRO	152.23	-57.05
HMP177	HASAGA_2018	390	GYRO	152.41	-56.88
HMP177	HASAGA_2018	395	GYRO	152.69	-56.57
HMP177	HASAGA_2018	400	GYRO	153.09	-56.16
HMP177	HASAGA_2018	405	GYRO	153.09	-56.14
HMP177	HASAGA_2018	410	GYRO	153.22	-56
HMP177	HASAGA_2018	415	GYRO	153.22	-55.89
HMP177	HASAGA_2018	420	GYRO	153.37	-55.67
HMP177	HASAGA_2018	425	GYRO	153.48	-55.58
HMP177	HASAGA_2018	430	GYRO	153.6	-55.42
HMP177	HASAGA_2018	435	GYRO	153.7	-55.25
HMP177	HASAGA_2018	440	GYRO	153.7	-55.14
HMP177	HASAGA_2018	445	GYRO	153.72	-55.07
HMP177	HASAGA_2018	450	GYRO	153.72	-54.89

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP177	HASAGA_2018	455	GYRO	153.76	-54.73
HMP177	HASAGA_2018	460	GYRO	153.8	-54.64
HMP177	HASAGA_2018	465	GYRO	153.81	-54.5
HMP177	HASAGA_2018	470	GYRO	153.91	-54.38
HMP177	HASAGA_2018	475	GYRO	153.92	-54.22
HMP177	HASAGA_2018	480	GYRO	153.89	-53.97
HMP177	HASAGA_2018	485	GYRO	153.9	-53.81
HMP177	HASAGA_2018	490	GYRO	153.99	-53.66
HMP177	HASAGA_2018	495	GYRO	154.01	-53.6
HMP177	HASAGA_2018	500	GYRO	154.06	-53.52
HMP177	HASAGA_2018	505	GYRO	154.06	-53.4
HMP177	HASAGA_2018	510	GYRO	154.06	-53.38
HMP177	HASAGA_2018	515	GYRO	154.13	-53.35
HMP177	HASAGA_2018	520	GYRO	154.17	-53.28
HMP177	HASAGA_2018	525	GYRO	154.2	-53.27
HMP177	HASAGA_2018	530	GYRO	154.18	-53.22
HMP177	HASAGA_2018	535	GYRO	154.18	-53.19
HMP177	HASAGA_2018	540	GYRO	154.21	-53.12
HMP177	HASAGA_2018	545	GYRO	154.25	-53.14
HMP177	HASAGA_2018	550	GYRO	154.27	-53.03
HMP177	HASAGA_2018	555	GYRO	154.32	-52.92
HMP177	HASAGA_2018	560	GYRO	154.32	-52.94
HMP177	HASAGA_2018	565	GYRO	154.4	-52.85
HMP177	HASAGA_2018	570	GYRO	154.37	-52.75
HMP177	HASAGA_2018	575	GYRO	154.45	-52.68
HMP177	HASAGA_2018	580	GYRO	154.55	-52.52
HMP177	HASAGA_2018	585	GYRO	154.62	-52.41
HMP177	HASAGA_2018	590	GYRO	154.62	-52.34
HMP177	HASAGA_2018	595	GYRO	154.56	-52.24
HMP177	HASAGA_2018	600	GYRO	154.59	-52.01
HMP177	HASAGA_2018	605	GYRO	154.6	-51.99
HMP177	HASAGA_2018	610	GYRO	154.68	-51.97
HMP177	HASAGA_2018	615	GYRO	154.62	-51.82
HMP177	HASAGA_2018	620	GYRO	154.63	-51.82
HMP177	HASAGA_2018	625	GYRO	154.68	-51.73
HMP177	HASAGA_2018	630	GYRO	154.81	-51.64
HMP177	HASAGA_2018	635	GYRO	154.79	-51.63
HMP177	HASAGA_2018	640	GYRO	154.85	-51.55
HMP177	HASAGA_2018	645	GYRO	154.9	-51.56
HMP177	HASAGA_2018	650	GYRO	154.98	-51.47
HMP177	HASAGA_2018	655	GYRO	154.99	-51.47
HMP177	HASAGA_2018	660	GYRO	154.86	-51.32
HMP177	HASAGA_2018	665	GYRO	154.87	-51.27
HMP177	HASAGA_2018	670	GYRO	154.92	-51.01
HMP177	HASAGA_2018	675	GYRO	154.93	-50.86
HMP177	HASAGA_2018	680	GYRO	154.95	-50.76
HMP177	HASAGA_2018	685	GYRO	154.92	-50.67
HMP177	HASAGA_2018	690	GYRO	154.91	-50.57
HMP177	HASAGA_2018	695	GYRO	154.82	-50.67
HMP177	HASAGA_2018	700	GYRO	154.82	-50.67
HMP178	HASAGA_2018	0	GYRO	149.45	-60.53
HMP178	HASAGA_2018	5	GYRO	149.4	-60.29
HMP178	HASAGA_2018	10	GYRO	149.35	-60.3
HMP178	HASAGA_2018	15	GYRO	149.45	-60.14
HMP178	HASAGA_2018	20	GYRO	149.48	-60.04

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP178	HASAGA_2018	25	GYRO	149.6	-59.9
HMP178	HASAGA_2018	30	GYRO	149.74	-59.73
HMP178	HASAGA_2018	35	GYRO	149.97	-59.63
HMP178	HASAGA_2018	40	GYRO	150.04	-59.48
HMP178	HASAGA_2018	45	GYRO	150.19	-59.55
HMP178	HASAGA_2018	50	GYRO	150.37	-59.31
HMP178	HASAGA_2018	55	GYRO	150.4	-59.24
HMP178	HASAGA_2018	60	GYRO	150.38	-59.15
HMP178	HASAGA_2018	65	GYRO	150.42	-59.08
HMP178	HASAGA_2018	70	GYRO	150.49	-59.01
HMP178	HASAGA_2018	75	GYRO	150.49	-58.93
HMP178	HASAGA_2018	80	GYRO	150.51	-58.86
HMP178	HASAGA_2018	85	GYRO	150.63	-58.77
HMP178	HASAGA_2018	90	GYRO	150.71	-58.53
HMP178	HASAGA_2018	95	GYRO	150.88	-58.37
HMP178	HASAGA_2018	100	GYRO	151.06	-58.13
HMP178	HASAGA_2018	105	GYRO	150.99	-57.97
HMP178	HASAGA_2018	110	GYRO	151.1	-57.78
HMP178	HASAGA_2018	115	GYRO	151.11	-57.64
HMP178	HASAGA_2018	120	GYRO	151.32	-57.47
HMP178	HASAGA_2018	125	GYRO	151.4	-57.3
HMP178	HASAGA_2018	130	GYRO	151.53	-57.13
HMP178	HASAGA_2018	135	GYRO	151.67	-56.98
HMP178	HASAGA_2018	140	GYRO	151.79	-56.89
HMP178	HASAGA_2018	145	GYRO	151.96	-56.79
HMP178	HASAGA_2018	150	GYRO	152.08	-56.71
HMP178	HASAGA_2018	155	GYRO	152.24	-56.63
HMP178	HASAGA_2018	160	GYRO	152.38	-56.55
HMP178	HASAGA_2018	165	GYRO	152.52	-56.4
HMP178	HASAGA_2018	170	GYRO	152.57	-56.32
HMP178	HASAGA_2018	175	GYRO	152.65	-56.3
HMP178	HASAGA_2018	180	GYRO	152.75	-56.23
HMP178	HASAGA_2018	185	GYRO	152.84	-56.08
HMP178	HASAGA_2018	190	GYRO	152.94	-56.04
HMP178	HASAGA_2018	195	GYRO	153.05	-55.88
HMP178	HASAGA_2018	200	GYRO	153.18	-55.7
HMP178	HASAGA_2018	205	GYRO	153.18	-55.56
HMP178	HASAGA_2018	210	GYRO	153.28	-55.46
HMP178	HASAGA_2018	215	GYRO	153.38	-55.24
HMP178	HASAGA_2018	220	GYRO	153.27	-55.05
HMP178	HASAGA_2018	225	GYRO	153.38	-54.79
HMP178	HASAGA_2018	230	GYRO	153.4	-54.61
HMP178	HASAGA_2018	235	GYRO	153.37	-54.44
HMP178	HASAGA_2018	240	GYRO	153.46	-54.39
HMP178	HASAGA_2018	245	GYRO	153.47	-54.22
HMP178	HASAGA_2018	250	GYRO	153.52	-54.1
HMP178	HASAGA_2018	255	GYRO	153.56	-53.95
HMP178	HASAGA_2018	260	GYRO	153.62	-53.86
HMP178	HASAGA_2018	265	GYRO	153.66	-53.77
HMP178	HASAGA_2018	270	GYRO	153.69	-53.69
HMP178	HASAGA_2018	275	GYRO	153.69	-53.55
HMP178	HASAGA_2018	280	GYRO	153.75	-53.52
HMP178	HASAGA_2018	285	GYRO	153.81	-53.43
HMP178	HASAGA_2018	290	GYRO	153.87	-53.32
HMP178	HASAGA_2018	295	GYRO	153.79	-53.18

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP178	HASAGA_2018	300	GYRO	154.04	-52.93
HMP178	HASAGA_2018	305	GYRO	154.05	-52.87
HMP178	HASAGA_2018	310	GYRO	154.01	-52.76
HMP178	HASAGA_2018	315	GYRO	154.07	-52.55
HMP178	HASAGA_2018	320	GYRO	154.07	-52.31
HMP178	HASAGA_2018	325	GYRO	154.11	-52.14
HMP178	HASAGA_2018	330	GYRO	154.1	-51.9
HMP178	HASAGA_2018	335	GYRO	154.13	-51.66
HMP178	HASAGA_2018	340	GYRO	154.07	-51.6
HMP178	HASAGA_2018	345	GYRO	154.02	-51.52
HMP178	HASAGA_2018	350	GYRO	154	-51.4
HMP178	HASAGA_2018	355	GYRO	153.99	-51.23
HMP178	HASAGA_2018	360	GYRO	154.05	-51.08
HMP178	HASAGA_2018	365	GYRO	154.08	-50.92
HMP178	HASAGA_2018	370	GYRO	154.13	-50.72
HMP178	HASAGA_2018	375	GYRO	154.16	-50.53
HMP178	HASAGA_2018	380	GYRO	154.26	-50.29
HMP178	HASAGA_2018	385	GYRO	154.28	-50.03
HMP178	HASAGA_2018	390	GYRO	154.19	-49.9
HMP178	HASAGA_2018	395	GYRO	154.25	-49.76
HMP178	HASAGA_2018	400	GYRO	154.13	-49.54
HMP178	HASAGA_2018	405	GYRO	154.13	-49.46
HMP178	HASAGA_2018	410	GYRO	154.11	-49.39
HMP178	HASAGA_2018	415	GYRO	154.08	-49.26
HMP178	HASAGA_2018	420	GYRO	154.04	-49.2
HMP178	HASAGA_2018	425	GYRO	153.97	-48.92
HMP178	HASAGA_2018	430	GYRO	153.97	-48.75
HMP178	HASAGA_2018	435	GYRO	153.99	-48.6
HMP178	HASAGA_2018	440	GYRO	153.94	-48.58
HMP178	HASAGA_2018	445	GYRO	153.9	-48.46
HMP178	HASAGA_2018	450	GYRO	153.93	-48.34
HMP178	HASAGA_2018	455	GYRO	153.95	-48.18
HMP178	HASAGA_2018	460	GYRO	153.98	-47.9
HMP178	HASAGA_2018	465	GYRO	154.05	-47.7
HMP178	HASAGA_2018	470	GYRO	154.02	-47.56
HMP178	HASAGA_2018	475	GYRO	154.05	-47.44
HMP178	HASAGA_2018	480	GYRO	153.95	-47.41
HMP178	HASAGA_2018	485	GYRO	153.88	-47.26
HMP178	HASAGA_2018	490	GYRO	153.87	-47.23
HMP178	HASAGA_2018	495	GYRO	154.01	-47.15
HMP178	HASAGA_2018	500	GYRO	153.97	-47.13
HMP178	HASAGA_2018	505	GYRO	153.96	-47.04
HMP178	HASAGA_2018	510	GYRO	153.94	-46.94
HMP178	HASAGA_2018	515	GYRO	154.01	-46.88
HMP178	HASAGA_2018	520	GYRO	154.01	-46.7
HMP178	HASAGA_2018	525	GYRO	154.09	-46.32
HMP178	HASAGA_2018	530	GYRO	154.2	-46.02
HMP178	HASAGA_2018	535	GYRO	154.27	-45.71
HMP178	HASAGA_2018	540	GYRO	154.49	-45.45
HMP178	HASAGA_2018	545	GYRO	154.52	-45.28
HMP178	HASAGA_2018	550	GYRO	154.6	-44.97
HMP178	HASAGA_2018	555	GYRO	154.74	-44.84
HMP178	HASAGA_2018	560	GYRO	154.71	-44.66
HMP178	HASAGA_2018	565	GYRO	154.77	-44.5
HMP178	HASAGA_2018	570	GYRO	154.84	-44.44

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP178	HASAGA_2018	575	GYRO	154.98	-44.37
HMP178	HASAGA_2018	580	GYRO	154.95	-44.36
HMP178	HASAGA_2018	585	GYRO	154.92	-44.2
HMP178	HASAGA_2018	590	GYRO	154.93	-44.17
HMP178	HASAGA_2018	595	GYRO	154.92	-43.99
HMP178	HASAGA_2018	600	GYRO	154.9	-43.78
HMP178	HASAGA_2018	605	GYRO	154.92	-43.73
HMP178	HASAGA_2018	610	GYRO	154.92	-43.75
HMP178	HASAGA_2018	615	GYRO	154.97	-43.77
HMP178	HASAGA_2018	620	GYRO	155.02	-43.69
HMP178	HASAGA_2018	625	GYRO	155.09	-43.58
HMP178	HASAGA_2018	630	GYRO	155.13	-43.42
HMP178	HASAGA_2018	635	GYRO	155.1	-43.28
HMP178	HASAGA_2018	640	GYRO	155.41	-42.97
HMP179	HASAGA_2018	0	GYRO	149.03	-61.4
HMP179	HASAGA_2018	5	GYRO	149.27	-61.29
HMP179	HASAGA_2018	10	GYRO	149.37	-61.17
HMP179	HASAGA_2018	15	GYRO	149.57	-61.04
HMP179	HASAGA_2018	20	GYRO	149.66	-60.95
HMP179	HASAGA_2018	25	GYRO	149.77	-60.86
HMP179	HASAGA_2018	30	GYRO	149.86	-60.79
HMP179	HASAGA_2018	35	GYRO	149.87	-60.69
HMP179	HASAGA_2018	40	GYRO	149.98	-60.54
HMP179	HASAGA_2018	45	GYRO	150.26	-60.13
HMP179	HASAGA_2018	50	GYRO	150.32	-60
HMP179	HASAGA_2018	55	GYRO	150.37	-59.84
HMP179	HASAGA_2018	60	GYRO	150.39	-59.75
HMP179	HASAGA_2018	65	GYRO	150.32	-59.6
HMP179	HASAGA_2018	70	GYRO	150.33	-59.48
HMP179	HASAGA_2018	75	GYRO	150.44	-59.35
HMP179	HASAGA_2018	80	GYRO	150.49	-59.19
HMP179	HASAGA_2018	85	GYRO	150.42	-59.07
HMP179	HASAGA_2018	90	GYRO	150.54	-58.85
HMP179	HASAGA_2018	95	GYRO	150.55	-58.73
HMP179	HASAGA_2018	100	GYRO	150.6	-58.19
HMP179	HASAGA_2018	105	GYRO	150.72	-58.16
HMP179	HASAGA_2018	110	GYRO	150.82	-58.01
HMP179	HASAGA_2018	115	GYRO	151.03	-57.76
HMP179	HASAGA_2018	120	GYRO	151.25	-57.42
HMP179	HASAGA_2018	125	GYRO	151.44	-57.09
HMP179	HASAGA_2018	130	GYRO	151.62	-56.84
HMP179	HASAGA_2018	135	GYRO	151.71	-56.69
HMP179	HASAGA_2018	140	GYRO	151.83	-56.59
HMP179	HASAGA_2018	145	GYRO	151.73	-56.47
HMP179	HASAGA_2018	150	GYRO	151.7	-56.34
HMP179	HASAGA_2018	155	GYRO	151.7	-56.2
HMP179	HASAGA_2018	160	GYRO	151.86	-56.03
HMP179	HASAGA_2018	165	GYRO	151.81	-55.96
HMP179	HASAGA_2018	170	GYRO	151.83	-55.85
HMP179	HASAGA_2018	175	GYRO	151.93	-55.7
HMP179	HASAGA_2018	180	GYRO	152.07	-55.53
HMP179	HASAGA_2018	185	GYRO	152.16	-55.37
HMP179	HASAGA_2018	190	GYRO	152.32	-55.11
HMP179	HASAGA_2018	195	GYRO	152.41	-54.94
HMP179	HASAGA_2018	200	GYRO	152.46	-54.79



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP179	HASAGA_2018	205	GYRO	152.44	-54.81
HMP179	HASAGA_2018	210	GYRO	152.45	-54.71
HMP179	HASAGA_2018	215	GYRO	152.6	-54.53
HMP179	HASAGA_2018	220	GYRO	152.67	-54.35
HMP179	HASAGA_2018	225	GYRO	152.85	-54.16
HMP179	HASAGA_2018	230	GYRO	153.18	-53.89
HMP179	HASAGA_2018	235	GYRO	153.29	-53.68
HMP179	HASAGA_2018	240	GYRO	153.41	-53.47
HMP179	HASAGA_2018	245	GYRO	153.56	-53.32
HMP179	HASAGA_2018	250	GYRO	153.56	-53.1
HMP179	HASAGA_2018	255	GYRO	153.5	-52.97
HMP179	HASAGA_2018	260	GYRO	153.19	-53.06
HMP179	HASAGA_2018	265	GYRO	153.34	-52.9
HMP179	HASAGA_2018	270	GYRO	153.5	-52.76
HMP179	HASAGA_2018	275	GYRO	153.54	-52.64
HMP179	HASAGA_2018	280	GYRO	153.65	-52.46
HMP179	HASAGA_2018	285	GYRO	153.65	-52.35
HMP179	HASAGA_2018	290	GYRO	153.54	-52.28
HMP179	HASAGA_2018	295	GYRO	153.62	-52.2
HMP179	HASAGA_2018	300	GYRO	153.6	-51.99
HMP179	HASAGA_2018	305	GYRO	153.67	-51.72
HMP179	HASAGA_2018	310	GYRO	153.67	-51.45
HMP179	HASAGA_2018	315	GYRO	153.49	-51.48
HMP179	HASAGA_2018	320	GYRO	153.44	-51.32
HMP179	HASAGA_2018	325	GYRO	153.47	-51.19
HMP179	HASAGA_2018	330	GYRO	153.59	-50.92
HMP179	HASAGA_2018	335	GYRO	153.72	-50.65
HMP179	HASAGA_2018	340	GYRO	153.68	-50.42
HMP179	HASAGA_2018	345	GYRO	153.77	-50.15
HMP179	HASAGA_2018	350	GYRO	153.79	-49.9
HMP179	HASAGA_2018	355	GYRO	153.84	-49.71
HMP179	HASAGA_2018	360	GYRO	153.88	-49.51
HMP179	HASAGA_2018	365	GYRO	153.89	-49.34
HMP179	HASAGA_2018	370	GYRO	153.89	-49.24
HMP179	HASAGA_2018	375	GYRO	154	-49.07
HMP179	HASAGA_2018	380	GYRO	154.07	-48.93
HMP179	HASAGA_2018	385	GYRO	154.13	-48.72
HMP179	HASAGA_2018	390	GYRO	154.24	-48.5
HMP179	HASAGA_2018	395	GYRO	154.22	-48.32
HMP179	HASAGA_2018	400	GYRO	154.26	-48.07
HMP179	HASAGA_2018	405	GYRO	154.15	-47.98
HMP179	HASAGA_2018	410	GYRO	154.17	-47.85
HMP179	HASAGA_2018	415	GYRO	154.2	-47.78
HMP179	HASAGA_2018	420	GYRO	154.2	-47.6
HMP179	HASAGA_2018	425	GYRO	154.26	-47.5
HMP179	HASAGA_2018	430	GYRO	154.25	-47.29
HMP179	HASAGA_2018	435	GYRO	154.33	-47.12
HMP179	HASAGA_2018	440	GYRO	154.29	-47.02
HMP179	HASAGA_2018	445	GYRO	154.34	-46.87
HMP179	HASAGA_2018	450	GYRO	154.45	-46.68
HMP179	HASAGA_2018	455	GYRO	154.5	-46.64
HMP179	HASAGA_2018	460	GYRO	154.53	-46.49
HMP179	HASAGA_2018	465	GYRO	154.53	-46.46
HMP179	HASAGA_2018	470	GYRO	154.48	-46.35
HMP179	HASAGA_2018	475	GYRO	154.73	-46.34

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP179	HASAGA_2018	480	GYRO	154.76	-46.21
HMP179	HASAGA_2018	485	GYRO	154.88	-46.09
HMP179	HASAGA_2018	490	GYRO	154.91	-46
HMP179	HASAGA_2018	495	GYRO	155	-45.95
HMP179	HASAGA_2018	500	GYRO	155.1	-45.79
HMP179	HASAGA_2018	505	GYRO	155.07	-45.61
HMP179	HASAGA_2018	510	GYRO	155.1	-45.57
HMP179	HASAGA_2018	515	GYRO	155.16	-45.58
HMP179	HASAGA_2018	520	GYRO	155.15	-45.5
HMP179	HASAGA_2018	525	GYRO	155.21	-45.43
HMP179	HASAGA_2018	530	GYRO	155.25	-45.32
HMP179	HASAGA_2018	535	GYRO	155.29	-45.31
HMP179	HASAGA_2018	540	GYRO	155.33	-45.23
HMP179	HASAGA_2018	545	GYRO	155.28	-45.14
HMP179	HASAGA_2018	550	GYRO	155.32	-45.06
HMP179	HASAGA_2018	555	GYRO	155.31	-45
HMP179	HASAGA_2018	560	GYRO	155.43	-44.93
HMP179	HASAGA_2018	565	GYRO	155.45	-44.85
HMP179	HASAGA_2018	570	GYRO	155.5	-44.8
HMP179	HASAGA_2018	575	GYRO	155.46	-44.73
HMP179	HASAGA_2018	580	GYRO	155.5	-44.61
HMP179	HASAGA_2018	585	GYRO	155.57	-44.57
HMP179	HASAGA_2018	590	GYRO	155.57	-44.54
HMP179	HASAGA_2018	595	GYRO	155.58	-44.55
HMP179	HASAGA_2018	600	GYRO	155.63	-44.43
HMP179	HASAGA_2018	605	GYRO	155.61	-44.37
HMP179	HASAGA_2018	610	GYRO	155.6	-44.41
HMP179	HASAGA_2018	615	GYRO	155.61	-44.41
HMP179	HASAGA_2018	620	GYRO	155.62	-44.32
HMP179	HASAGA_2018	625	GYRO	155.66	-44.27
HMP179	HASAGA_2018	630	GYRO	155.66	-44.25
HMP179	HASAGA_2018	635	GYRO	155.7	-44.16
HMP179	HASAGA_2018	640	GYRO	155.7	-44.12
HMP179	HASAGA_2018	645	GYRO	155.65	-44.13
HMP179	HASAGA_2018	650	GYRO	155.69	-44.05
HMP179	HASAGA_2018	655	GYRO	155.73	-43.92
HMP179	HASAGA_2018	660	GYRO	155.76	-43.84
HMP179	HASAGA_2018	665	GYRO	155.78	-43.77
HMP179	HASAGA_2018	670	GYRO	155.73	-43.74
HMP179	HASAGA_2018	675	GYRO	155.75	-43.68
HMP179	HASAGA_2018	680	GYRO	155.74	-43.64
HMP179	HASAGA_2018	685	GYRO	155.78	-43.43
HMP179	HASAGA_2018	690	GYRO	155.78	-43.21
HMP179	HASAGA_2018	695	GYRO	155.81	-42.94
HMP179	HASAGA_2018	700	GYRO	155.48	-42.83
HMP180	HASAGA_2018	0	GYRO	154.61	-60.08
HMP180	HASAGA_2018	5	GYRO	154.32	-59.98
HMP180	HASAGA_2018	10	GYRO	154.39	-59.89
HMP180	HASAGA_2018	15	GYRO	154.41	-59.66
HMP180	HASAGA_2018	20	GYRO	154.5	-59.58
HMP180	HASAGA_2018	25	GYRO	154.49	-59.43
HMP180	HASAGA_2018	30	GYRO	154.52	-59.36
HMP180	HASAGA_2018	35	GYRO	154.62	-59.25
HMP180	HASAGA_2018	40	GYRO	154.67	-59.17
HMP180	HASAGA_2018	45	GYRO	154.69	-59.01

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP180	HASAGA_2018	50	GYRO	154.79	-58.93
HMP180	HASAGA_2018	55	GYRO	155.01	-58.78
HMP180	HASAGA_2018	60	GYRO	154.98	-58.68
HMP180	HASAGA_2018	65	GYRO	154.91	-58.53
HMP180	HASAGA_2018	70	GYRO	155.05	-58.43
HMP180	HASAGA_2018	75	GYRO	155.06	-58.31
HMP180	HASAGA_2018	80	GYRO	155.13	-58.27
HMP180	HASAGA_2018	85	GYRO	155.36	-58.13
HMP180	HASAGA_2018	90	GYRO	155.34	-58.04
HMP180	HASAGA_2018	95	GYRO	155.53	-58.03
HMP180	HASAGA_2018	100	GYRO	155.43	-57.82
HMP180	HASAGA_2018	105	GYRO	155.44	-57.71
HMP180	HASAGA_2018	110	GYRO	155.63	-57.62
HMP180	HASAGA_2018	115	GYRO	155.77	-57.44
HMP180	HASAGA_2018	120	GYRO	155.61	-57.24
HMP180	HASAGA_2018	125	GYRO	155.73	-57.16
HMP180	HASAGA_2018	130	GYRO	155.7	-57.05
HMP180	HASAGA_2018	135	GYRO	155.8	-56.99
HMP180	HASAGA_2018	140	GYRO	155.8	-56.84
HMP180	HASAGA_2018	145	GYRO	155.84	-56.73
HMP180	HASAGA_2018	150	GYRO	155.88	-56.58
HMP180	HASAGA_2018	155	GYRO	155.82	-56.57
HMP180	HASAGA_2018	160	GYRO	155.78	-56.42
HMP180	HASAGA_2018	165	GYRO	155.85	-56.32
HMP180	HASAGA_2018	170	GYRO	155.75	-56.15
HMP180	HASAGA_2018	175	GYRO	155.97	-56
HMP180	HASAGA_2018	180	GYRO	155.93	-55.99
HMP180	HASAGA_2018	185	GYRO	156.06	-55.82
HMP180	HASAGA_2018	190	GYRO	156.1	-55.73
HMP180	HASAGA_2018	195	GYRO	156.12	-55.63
HMP180	HASAGA_2018	200	GYRO	156.13	-55.48
HMP180	HASAGA_2018	205	GYRO	156.06	-55.44
HMP180	HASAGA_2018	210	GYRO	156.07	-55.4
HMP180	HASAGA_2018	215	GYRO	156.15	-55.24
HMP180	HASAGA_2018	220	GYRO	156.25	-55.01
HMP180	HASAGA_2018	225	GYRO	156.23	-54.75
HMP180	HASAGA_2018	230	GYRO	156.32	-54.57
HMP180	HASAGA_2018	235	GYRO	156.39	-54.39
HMP180	HASAGA_2018	240	GYRO	156.55	-54.16
HMP180	HASAGA_2018	245	GYRO	156.54	-53.97
HMP180	HASAGA_2018	250	GYRO	156.6	-53.89
HMP180	HASAGA_2018	255	GYRO	156.58	-53.73
HMP180	HASAGA_2018	260	GYRO	156.64	-53.62
HMP180	HASAGA_2018	265	GYRO	156.7	-53.51
HMP180	HASAGA_2018	270	GYRO	156.76	-53.38
HMP180	HASAGA_2018	275	GYRO	156.75	-53.29
HMP180	HASAGA_2018	280	GYRO	156.84	-53.13
HMP180	HASAGA_2018	285	GYRO	156.87	-53.04
HMP180	HASAGA_2018	290	GYRO	156.85	-52.93
HMP180	HASAGA_2018	295	GYRO	156.88	-52.78
HMP180	HASAGA_2018	300	GYRO	156.89	-52.83
HMP180	HASAGA_2018	305	GYRO	156.92	-52.6
HMP180	HASAGA_2018	310	GYRO	157.02	-52.59
HMP180	HASAGA_2018	315	GYRO	157.04	-52.54
HMP180	HASAGA_2018	320	GYRO	157.11	-52.42

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP180	HASAGA_2018	325	GYRO	157.15	-52.27
HMP180	HASAGA_2018	330	GYRO	157.24	-52.08
HMP180	HASAGA_2018	335	GYRO	157.37	-51.9
HMP180	HASAGA_2018	340	GYRO	157.38	-51.67
HMP180	HASAGA_2018	345	GYRO	157.34	-51.54
HMP180	HASAGA_2018	350	GYRO	157.46	-51.47
HMP180	HASAGA_2018	355	GYRO	157.41	-51.34
HMP180	HASAGA_2018	360	GYRO	157.45	-51.24
HMP180	HASAGA_2018	365	GYRO	157.43	-51.19
HMP180	HASAGA_2018	370	GYRO	157.55	-51.06
HMP180	HASAGA_2018	375	GYRO	157.5	-51.01
HMP180	HASAGA_2018	380	GYRO	157.53	-50.86
HMP180	HASAGA_2018	385	GYRO	157.48	-50.76
HMP180	HASAGA_2018	390	GYRO	157.59	-50.6
HMP180	HASAGA_2018	395	GYRO	157.6	-50.48
HMP180	HASAGA_2018	400	GYRO	157.57	-50.42
HMP180	HASAGA_2018	405	GYRO	157.56	-50.23
HMP180	HASAGA_2018	410	GYRO	157.63	-50.22
HMP180	HASAGA_2018	415	GYRO	157.68	-50.03
HMP180	HASAGA_2018	420	GYRO	157.71	-49.85
HMP180	HASAGA_2018	425	GYRO	157.69	-49.79
HMP180	HASAGA_2018	430	GYRO	157.68	-49.6
HMP180	HASAGA_2018	435	GYRO	157.67	-49.53
HMP180	HASAGA_2018	440	GYRO	157.66	-49.41
HMP180	HASAGA_2018	445	GYRO	157.73	-49.3
HMP180	HASAGA_2018	450	GYRO	157.74	-49.24
HMP180	HASAGA_2018	455	GYRO	157.77	-49.13
HMP180	HASAGA_2018	460	GYRO	157.79	-49.11
HMP180	HASAGA_2018	465	GYRO	157.74	-49.04
HMP180	HASAGA_2018	470	GYRO	157.81	-49.01
HMP180	HASAGA_2018	475	GYRO	157.77	-48.87
HMP180	HASAGA_2018	480	GYRO	157.76	-48.67
HMP180	HASAGA_2018	485	GYRO	157.8	-48.56
HMP180	HASAGA_2018	490	GYRO	157.87	-48.4
HMP180	HASAGA_2018	495	GYRO	157.84	-48.39
HMP180	HASAGA_2018	500	GYRO	157.98	-48.29
HMP180	HASAGA_2018	505	GYRO	158.07	-48.28
HMP180	HASAGA_2018	510	GYRO	158.08	-48.21
HMP180	HASAGA_2018	515	GYRO	158.1	-48.13
HMP180	HASAGA_2018	520	GYRO	158.1	-47.94
HMP180	HASAGA_2018	525	GYRO	158.05	-47.77
HMP180	HASAGA_2018	530	GYRO	158.01	-47.64
HMP180	HASAGA_2018	535	GYRO	158.04	-47.54
HMP180	HASAGA_2018	540	GYRO	158.01	-47.39
HMP180	HASAGA_2018	545	GYRO	158.01	-47.3
HMP180	HASAGA_2018	550	GYRO	158.06	-47.19
HMP180	HASAGA_2018	555	GYRO	158	-47.08
HMP180	HASAGA_2018	560	GYRO	158.04	-47.01
HMP180	HASAGA_2018	565	GYRO	158	-46.8
HMP180	HASAGA_2018	570	GYRO	157.94	-46.71
HMP180	HASAGA_2018	575	GYRO	157.88	-46.54
HMP180	HASAGA_2018	580	GYRO	157.88	-46.44
HMP180	HASAGA_2018	585	GYRO	157.86	-46.28
HMP180	HASAGA_2018	590	GYRO	157.91	-46.14
HMP180	HASAGA_2018	595	GYRO	157.87	-45.95

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP180	HASAGA_2018	600	GYRO	157.83	-45.85
HMP180	HASAGA_2018	605	GYRO	157.84	-45.77
HMP180	HASAGA_2018	610	GYRO	157.8	-45.69
HMP180	HASAGA_2018	615	GYRO	157.9	-45.56
HMP180	HASAGA_2018	620	GYRO	157.82	-45.38
HMP180	HASAGA_2018	625	GYRO	157.83	-45.22
HMP180	HASAGA_2018	630	GYRO	157.84	-45.09
HMP180	HASAGA_2018	635	GYRO	157.73	-44.94
HMP180	HASAGA_2018	640	GYRO	157.7	-44.79
HMP180	HASAGA_2018	645	GYRO	157.75	-44.58
HMP180	HASAGA_2018	650	GYRO	157.84	-44.44
HMP180	HASAGA_2018	655	GYRO	157.87	-44.3
HMP180	HASAGA_2018	660	GYRO	157.82	-44.24
HMP180	HASAGA_2018	665	GYRO	157.81	-44.11
HMP180	HASAGA_2018	670	GYRO	157.83	-44.08
HMP180	HASAGA_2018	675	GYRO	157.93	-44
HMP180	HASAGA_2018	680	GYRO	157.93	-44
HMP180	HASAGA_2018	685	GYRO	157.94	-43.85
HMP180	HASAGA_2018	690	GYRO	157.99	-43.79
HMP180	HASAGA_2018	695	GYRO	158.08	-43.79
HMP180	HASAGA_2018	700	GYRO	158.14	-43.46
HMP180	HASAGA_2018	705	GYRO	158.16	-43.32
HMP180	HASAGA_2018	710	GYRO	158.2	-43.36
HMP180	HASAGA_2018	715	GYRO	158.22	-43.3
HMP180	HASAGA_2018	720	GYRO	158.24	-43.24
HMP180	HASAGA_2018	725	GYRO	158.28	-43.15
HMP180	HASAGA_2018	730	GYRO	158.33	-43.07
HMP180	HASAGA_2018	735	GYRO	158.32	-43.03
HMP180	HASAGA_2018	740	GYRO	158.33	-42.77
HMP180	HASAGA_2018	745	GYRO	158.1	-42.44
HMP181	HASAGA_2018	0	GYRO	154.16	-53.84
HMP181	HASAGA_2018	5	GYRO	154.17	-53.52
HMP181	HASAGA_2018	10	GYRO	154.35	-53.65
HMP181	HASAGA_2018	15	GYRO	154.56	-53.27
HMP181	HASAGA_2018	20	GYRO	154.55	-53.28
HMP181	HASAGA_2018	25	GYRO	154.64	-53.17
HMP181	HASAGA_2018	30	GYRO	154.78	-52.97
HMP181	HASAGA_2018	35	GYRO	154.76	-52.94
HMP181	HASAGA_2018	40	GYRO	154.7	-52.81
HMP181	HASAGA_2018	45	GYRO	154.77	-52.78
HMP181	HASAGA_2018	50	GYRO	154.78	-52.7
HMP181	HASAGA_2018	55	GYRO	154.77	-52.63
HMP181	HASAGA_2018	60	GYRO	154.85	-52.51
HMP181	HASAGA_2018	65	GYRO	154.93	-52.27
HMP181	HASAGA_2018	70	GYRO	155	-52.26
HMP181	HASAGA_2018	75	GYRO	155.08	-52.09
HMP181	HASAGA_2018	80	GYRO	155.17	-51.92
HMP181	HASAGA_2018	85	GYRO	155.26	-51.84
HMP181	HASAGA_2018	90	GYRO	155.36	-51.67
HMP181	HASAGA_2018	95	GYRO	155.46	-51.57
HMP181	HASAGA_2018	100	GYRO	155.56	-51.46
HMP181	HASAGA_2018	105	GYRO	155.59	-51.31
HMP181	HASAGA_2018	110	GYRO	155.72	-51.12
HMP181	HASAGA_2018	115	GYRO	155.8	-50.89
HMP181	HASAGA_2018	120	GYRO	155.83	-50.78

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP181	HASAGA_2018	125	GYRO	155.84	-50.59
HMP181	HASAGA_2018	130	GYRO	155.82	-50.32
HMP181	HASAGA_2018	135	GYRO	155.82	-50.17
HMP181	HASAGA_2018	140	GYRO	155.93	-49.9
HMP181	HASAGA_2018	145	GYRO	156.01	-49.78
HMP181	HASAGA_2018	150	GYRO	156	-49.71
HMP181	HASAGA_2018	155	GYRO	156.02	-49.61
HMP181	HASAGA_2018	160	GYRO	156.03	-49.43
HMP181	HASAGA_2018	165	GYRO	156.09	-49.34
HMP181	HASAGA_2018	170	GYRO	156.1	-49.18
HMP181	HASAGA_2018	175	GYRO	156.22	-48.98
HMP181	HASAGA_2018	180	GYRO	156.2	-48.8
HMP181	HASAGA_2018	185	GYRO	156.21	-48.77
HMP181	HASAGA_2018	190	GYRO	156.18	-48.59
HMP181	HASAGA_2018	195	GYRO	156.18	-48.5
HMP181	HASAGA_2018	200	GYRO	156.22	-48.36
HMP181	HASAGA_2018	205	GYRO	156.28	-48.16
HMP181	HASAGA_2018	210	GYRO	156.3	-48.05
HMP181	HASAGA_2018	215	GYRO	156.27	-47.88
HMP181	HASAGA_2018	220	GYRO	156.3	-47.71
HMP181	HASAGA_2018	225	GYRO	156.28	-47.57
HMP181	HASAGA_2018	230	GYRO	156.34	-47.4
HMP181	HASAGA_2018	235	GYRO	156.36	-47.14
HMP181	HASAGA_2018	240	GYRO	156.36	-46.94
HMP181	HASAGA_2018	245	GYRO	156.43	-46.76
HMP181	HASAGA_2018	250	GYRO	156.46	-46.56
HMP181	HASAGA_2018	255	GYRO	156.64	-46.37
HMP181	HASAGA_2018	260	GYRO	156.73	-45.99
HMP181	HASAGA_2018	265	GYRO	156.69	-45.9
HMP181	HASAGA_2018	270	GYRO	156.82	-45.79
HMP181	HASAGA_2018	275	GYRO	156.77	-45.68
HMP181	HASAGA_2018	280	GYRO	156.79	-45.5
HMP181	HASAGA_2018	285	GYRO	156.74	-45.41
HMP181	HASAGA_2018	290	GYRO	156.88	-45.21
HMP181	HASAGA_2018	295	GYRO	156.92	-45.04
HMP181	HASAGA_2018	300	GYRO	156.96	-44.87
HMP181	HASAGA_2018	305	GYRO	157.01	-44.73
HMP181	HASAGA_2018	310	GYRO	157.09	-44.56
HMP181	HASAGA_2018	315	GYRO	157.21	-44.35
HMP181	HASAGA_2018	320	GYRO	157.37	-44.05
HMP181	HASAGA_2018	325	GYRO	157.44	-43.98
HMP181	HASAGA_2018	330	GYRO	157.44	-43.78
HMP181	HASAGA_2018	335	GYRO	157.45	-43.66
HMP181	HASAGA_2018	340	GYRO	157.41	-43.49
HMP181	HASAGA_2018	345	GYRO	157.43	-43.3
HMP181	HASAGA_2018	350	GYRO	157.35	-43.15
HMP181	HASAGA_2018	355	GYRO	157.42	-43.05
HMP181	HASAGA_2018	360	GYRO	157.44	-42.84
HMP181	HASAGA_2018	365	GYRO	157.52	-42.73
HMP181	HASAGA_2018	370	GYRO	157.49	-42.59
HMP181	HASAGA_2018	375	GYRO	157.55	-42.54
HMP181	HASAGA_2018	380	GYRO	157.49	-42.43
HMP181	HASAGA_2018	385	GYRO	157.54	-42.33
HMP181	HASAGA_2018	390	GYRO	157.48	-42.24
HMP181	HASAGA_2018	395	GYRO	157.54	-42.12

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP181	HASAGA_2018	400	GYRO	157.55	-42.04
HMP181	HASAGA_2018	405	GYRO	157.6	-42.02
HMP181	HASAGA_2018	410	GYRO	157.62	-41.87
HMP181	HASAGA_2018	415	GYRO	157.62	-41.83
HMP181	HASAGA_2018	420	GYRO	157.61	-41.77
HMP181	HASAGA_2018	425	GYRO	157.67	-41.7
HMP181	HASAGA_2018	430	GYRO	157.72	-41.61
HMP181	HASAGA_2018	435	GYRO	157.7	-41.5
HMP181	HASAGA_2018	440	GYRO	157.72	-41.47
HMP181	HASAGA_2018	445	GYRO	157.75	-41.4
HMP181	HASAGA_2018	450	GYRO	157.75	-41.33
HMP181	HASAGA_2018	455	GYRO	157.84	-41.22
HMP181	HASAGA_2018	460	GYRO	157.79	-41.2
HMP181	HASAGA_2018	465	GYRO	157.78	-41.15
HMP181	HASAGA_2018	470	GYRO	157.81	-41.05
HMP181	HASAGA_2018	475	GYRO	157.83	-40.89
HMP181	HASAGA_2018	480	GYRO	157.89	-40.71
HMP181	HASAGA_2018	485	GYRO	157.96	-40.46
HMP181	HASAGA_2018	490	GYRO	157.96	-40.26
HMP181	HASAGA_2018	495	GYRO	157.99	-40
HMP181	HASAGA_2018	500	GYRO	157.95	-39.85
HMP181	HASAGA_2018	505	GYRO	157.96	-39.63
HMP181	HASAGA_2018	510	GYRO	157.88	-39.44
HMP181	HASAGA_2018	515	GYRO	157.85	-38.97
HMP181	HASAGA_2018	520	GYRO	157.79	-38.86
HMP181	HASAGA_2018	525	GYRO	157.74	-38.61
HMP181	HASAGA_2018	530	GYRO	157.57	-38.53
HMP181	HASAGA_2018	535	GYRO	157.58	-38.27
HMP181	HASAGA_2018	540	GYRO	157.61	-37.97
HMP181	HASAGA_2018	545	GYRO	157.76	-37.74
HMP181	HASAGA_2018	550	GYRO	157.72	-37.64
HMP181	HASAGA_2018	555	GYRO	157.79	-37.56
HMP181	HASAGA_2018	560	GYRO	157.76	-37.54
HMP181	HASAGA_2018	565	GYRO	157.8	-37.45
HMP181	HASAGA_2018	570	GYRO	157.81	-37.39
HMP181	HASAGA_2018	575	GYRO	157.83	-37.32
HMP181	HASAGA_2018	580	GYRO	157.82	-37.26
HMP181	HASAGA_2018	585	GYRO	157.82	-37.18
HMP181	HASAGA_2018	590	GYRO	157.76	-37.1
HMP181	HASAGA_2018	595	GYRO	157.8	-37.01
HMP181	HASAGA_2018	600	GYRO	157.78	-36.83
HMP181	HASAGA_2018	605	GYRO	157.78	-36.65
HMP181	HASAGA_2018	610	GYRO	157.76	-36.61
HMP181	HASAGA_2018	615	GYRO	157.83	-36.62
HMP181	HASAGA_2018	620	GYRO	157.85	-36.46
HMP181	HASAGA_2018	625	GYRO	157.85	-36.37
HMP181	HASAGA_2018	630	GYRO	157.83	-36.21
HMP181	HASAGA_2018	635	GYRO	157.81	-36.14
HMP181	HASAGA_2018	640	GYRO	157.84	-36
HMP181	HASAGA_2018	645	GYRO	157.77	-35.93
HMP181	HASAGA_2018	650	GYRO	157.74	-35.85
HMP181	HASAGA_2018	655	GYRO	157.74	-35.74
HMP181	HASAGA_2018	660	GYRO	157.75	-35.63
HMP182	HASAGA_2018	0	GYRO	148.35	-69.31
HMP182	HASAGA_2018	5	GYRO	148.11	-69.21

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP182	HASAGA_2018	10	GYRO	148.3	-68.98
HMP182	HASAGA_2018	15	GYRO	148.26	-68.94
HMP182	HASAGA_2018	20	GYRO	148.2	-68.86
HMP182	HASAGA_2018	25	GYRO	148.34	-68.8
HMP182	HASAGA_2018	30	GYRO	148.14	-68.8
HMP182	HASAGA_2018	35	GYRO	148.26	-68.73
HMP182	HASAGA_2018	40	GYRO	148.08	-68.72
HMP182	HASAGA_2018	45	GYRO	148.12	-68.64
HMP182	HASAGA_2018	50	GYRO	148.29	-68.5
HMP182	HASAGA_2018	55	GYRO	148.49	-68.42
HMP182	HASAGA_2018	60	GYRO	148.9	-68.2
HMP182	HASAGA_2018	65	GYRO	148.9	-68.12
HMP182	HASAGA_2018	70	GYRO	148.9	-67.97
HMP182	HASAGA_2018	75	GYRO	148.87	-67.84
HMP182	HASAGA_2018	80	GYRO	148.72	-67.84
HMP182	HASAGA_2018	85	GYRO	148.82	-67.67
HMP182	HASAGA_2018	90	GYRO	148.9	-67.54
HMP182	HASAGA_2018	95	GYRO	149.11	-67.38
HMP182	HASAGA_2018	100	GYRO	149.25	-67.24
HMP182	HASAGA_2018	105	GYRO	149.41	-67.08
HMP182	HASAGA_2018	110	GYRO	149.64	-66.93
HMP182	HASAGA_2018	115	GYRO	149.91	-66.71
HMP182	HASAGA_2018	120	GYRO	150.04	-66.49
HMP182	HASAGA_2018	125	GYRO	150.29	-66.4
HMP182	HASAGA_2018	130	GYRO	150.35	-66.32
HMP182	HASAGA_2018	135	GYRO	150.41	-66.17
HMP182	HASAGA_2018	140	GYRO	150.46	-66.09
HMP182	HASAGA_2018	145	GYRO	150.51	-65.95
HMP182	HASAGA_2018	150	GYRO	150.58	-65.87
HMP182	HASAGA_2018	155	GYRO	150.63	-65.72
HMP182	HASAGA_2018	160	GYRO	150.77	-65.58
HMP182	HASAGA_2018	165	GYRO	150.92	-65.43
HMP182	HASAGA_2018	170	GYRO	151.1	-65.26
HMP182	HASAGA_2018	175	GYRO	151.15	-65.11
HMP182	HASAGA_2018	180	GYRO	151.05	-65.1
HMP182	HASAGA_2018	185	GYRO	150.93	-64.96
HMP182	HASAGA_2018	190	GYRO	150.91	-64.89
HMP182	HASAGA_2018	195	GYRO	150.9	-64.73
HMP182	HASAGA_2018	200	GYRO	150.99	-64.51
HMP182	HASAGA_2018	205	GYRO	151.06	-64.44
HMP182	HASAGA_2018	210	GYRO	151.2	-64.34
HMP182	HASAGA_2018	215	GYRO	151.22	-64.19
HMP182	HASAGA_2018	220	GYRO	151.28	-64.12
HMP182	HASAGA_2018	225	GYRO	151.24	-63.98
HMP182	HASAGA_2018	230	GYRO	151.32	-63.9
HMP182	HASAGA_2018	235	GYRO	151.33	-63.81
HMP182	HASAGA_2018	240	GYRO	151.4	-63.73
HMP182	HASAGA_2018	245	GYRO	151.49	-63.5
HMP182	HASAGA_2018	250	GYRO	151.59	-63.29
HMP182	HASAGA_2018	255	GYRO	151.66	-63.2
HMP182	HASAGA_2018	260	GYRO	151.66	-63.11
HMP182	HASAGA_2018	265	GYRO	151.58	-62.97
HMP182	HASAGA_2018	270	GYRO	151.61	-62.88
HMP182	HASAGA_2018	275	GYRO	151.7	-62.8
HMP182	HASAGA_2018	280	GYRO	151.68	-62.73



Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP182	HASAGA_2018	285	GYRO	151.78	-62.66
HMP182	HASAGA_2018	290	GYRO	151.97	-62.58
HMP182	HASAGA_2018	295	GYRO	151.98	-62.51
HMP182	HASAGA_2018	300	GYRO	152.31	-62.27
HMP182	HASAGA_2018	305	GYRO	152.31	-62.21
HMP182	HASAGA_2018	310	GYRO	152.49	-62.05
HMP182	HASAGA_2018	315	GYRO	152.43	-61.99
HMP182	HASAGA_2018	320	GYRO	152.6	-61.88
HMP182	HASAGA_2018	325	GYRO	152.72	-61.65
HMP182	HASAGA_2018	330	GYRO	152.89	-61.5
HMP182	HASAGA_2018	335	GYRO	152.91	-61.41
HMP182	HASAGA_2018	340	GYRO	152.88	-61.25
HMP182	HASAGA_2018	345	GYRO	152.97	-61.16
HMP182	HASAGA_2018	350	GYRO	153.09	-60.94
HMP182	HASAGA_2018	355	GYRO	153.35	-60.79
HMP182	HASAGA_2018	360	GYRO	153.26	-60.72
HMP182	HASAGA_2018	365	GYRO	153.35	-60.56
HMP182	HASAGA_2018	370	GYRO	153.45	-60.46
HMP182	HASAGA_2018	375	GYRO	153.53	-60.19
HMP182	HASAGA_2018	380	GYRO	153.6	-60.13
HMP182	HASAGA_2018	385	GYRO	153.63	-60
HMP182	HASAGA_2018	390	GYRO	153.68	-59.91
HMP182	HASAGA_2018	395	GYRO	153.88	-59.67
HMP182	HASAGA_2018	400	GYRO	153.96	-59.67
HMP182	HASAGA_2018	405	GYRO	153.97	-59.52
HMP182	HASAGA_2018	410	GYRO	154.04	-59.42
HMP182	HASAGA_2018	415	GYRO	153.98	-59.35
HMP182	HASAGA_2018	420	GYRO	154.09	-59.21
HMP182	HASAGA_2018	425	GYRO	154.1	-59.13
HMP182	HASAGA_2018	430	GYRO	154.13	-59.06
HMP182	HASAGA_2018	435	GYRO	154.07	-58.96
HMP182	HASAGA_2018	440	GYRO	154.05	-58.87
HMP182	HASAGA_2018	445	GYRO	154.16	-58.72
HMP182	HASAGA_2018	450	GYRO	154.19	-58.71
HMP182	HASAGA_2018	455	GYRO	154.24	-58.55
HMP182	HASAGA_2018	460	GYRO	154.36	-58.48
HMP182	HASAGA_2018	465	GYRO	154.3	-58.41
HMP182	HASAGA_2018	470	GYRO	154.35	-58.39
HMP182	HASAGA_2018	475	GYRO	154.37	-58.33
HMP182	HASAGA_2018	480	GYRO	154.25	-58.32
HMP182	HASAGA_2018	485	GYRO	154.35	-58.25
HMP182	HASAGA_2018	490	GYRO	154.41	-58.17
HMP182	HASAGA_2018	495	GYRO	154.49	-58.08
HMP182	HASAGA_2018	500	GYRO	154.48	-58.08
HMP182	HASAGA_2018	505	GYRO	154.5	-58.08
HMP182	HASAGA_2018	510	GYRO	154.58	-58.08
HMP182	HASAGA_2018	515	GYRO	154.53	-58.02
HMP182	HASAGA_2018	520	GYRO	154.44	-58.1
HMP182	HASAGA_2018	525	GYRO	154.43	-58.01
HMP182	HASAGA_2018	530	GYRO	154.29	-57.84
HMP182	HASAGA_2018	535	GYRO	154.09	-57.76
HMP182	HASAGA_2018	540	GYRO	154.18	-57.68
HMP182	HASAGA_2018	545	GYRO	154.34	-57.6
HMP182	HASAGA_2018	550	GYRO	154.57	-57.34
HMP182	HASAGA_2018	555	GYRO	154.74	-57.21

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP182	HASAGA_2018	560	GYRO	154.9	-56.96
HMP182	HASAGA_2018	565	GYRO	154.94	-56.85
HMP182	HASAGA_2018	570	GYRO	154.95	-56.79
HMP182	HASAGA_2018	575	GYRO	154.97	-56.63
HMP182	HASAGA_2018	580	GYRO	155.09	-56.55
HMP182	HASAGA_2018	585	GYRO	155.06	-56.46
HMP182	HASAGA_2018	590	GYRO	155.01	-56.28
HMP182	HASAGA_2018	595	GYRO	155.03	-56.12
HMP182	HASAGA_2018	600	GYRO	155.15	-56.03
HMP182	HASAGA_2018	605	GYRO	155.03	-55.96
HMP182	HASAGA_2018	610	GYRO	155.07	-55.94
HMP182	HASAGA_2018	615	GYRO	155.12	-55.81
HMP182	HASAGA_2018	620	GYRO	155.23	-55.74
HMP182	HASAGA_2018	625	GYRO	155.35	-55.63
HMP182	HASAGA_2018	630	GYRO	155.37	-55.53
HMP182	HASAGA_2018	635	GYRO	155.37	-55.42
HMP182	HASAGA_2018	640	GYRO	155.43	-55.31
HMP182	HASAGA_2018	645	GYRO	155.5	-55.13
HMP182	HASAGA_2018	650	GYRO	155.54	-55.02
HMP182	HASAGA_2018	655	GYRO	155.62	-54.94
HMP182	HASAGA_2018	660	GYRO	155.59	-54.89
HMP182	HASAGA_2018	665	GYRO	155.61	-54.77
HMP182	HASAGA_2018	670	GYRO	155.62	-54.77
HMP182	HASAGA_2018	675	GYRO	155.61	-54.72
HMP182	HASAGA_2018	680	GYRO	155.58	-54.62
HMP182	HASAGA_2018	685	GYRO	155.52	-54.54
HMP182	HASAGA_2018	690	GYRO	155.48	-54.46
HMP182	HASAGA_2018	695	GYRO	155.79	-54.47
HMP183	HASAGA_2018	0	GYRO	136.21	-55.62
HMP183	HASAGA_2018	5	GYRO	136.29	-55.51
HMP183	HASAGA_2018	10	GYRO	136.45	-55.36
HMP183	HASAGA_2018	15	GYRO	136.59	-55.26
HMP183	HASAGA_2018	20	GYRO	136.71	-55.2
HMP183	HASAGA_2018	25	GYRO	136.83	-55.11
HMP183	HASAGA_2018	30	GYRO	136.95	-54.97
HMP183	HASAGA_2018	35	GYRO	137.04	-55.02
HMP183	HASAGA_2018	40	GYRO	136.99	-54.93
HMP183	HASAGA_2018	45	GYRO	137.08	-54.84
HMP183	HASAGA_2018	50	GYRO	137.14	-54.82
HMP183	HASAGA_2018	55	GYRO	137.13	-54.78
HMP183	HASAGA_2018	60	GYRO	137.28	-54.63
HMP183	HASAGA_2018	65	GYRO	137.34	-54.63
HMP183	HASAGA_2018	70	GYRO	137.3	-54.52
HMP183	HASAGA_2018	75	GYRO	137.32	-54.44
HMP183	HASAGA_2018	80	GYRO	137.39	-54.36
HMP183	HASAGA_2018	85	GYRO	137.4	-54.28
HMP183	HASAGA_2018	90	GYRO	137.45	-54.26
HMP183	HASAGA_2018	95	GYRO	137.1	-54.08
HMP183	HASAGA_2018	100	GYRO	137.23	-53.97
HMP183	HASAGA_2018	105	GYRO	137.49	-53.91
HMP183	HASAGA_2018	110	GYRO	137.75	-53.67
HMP183	HASAGA_2018	115	GYRO	137.93	-53.6
HMP183	HASAGA_2018	120	GYRO	138.06	-53.41
HMP183	HASAGA_2018	125	GYRO	138.34	-53.31
HMP183	HASAGA_2018	130	GYRO	138.66	-53.05

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP183	HASAGA_2018	135	GYRO	138.8	-53.07
HMP183	HASAGA_2018	140	GYRO	138.87	-52.98
HMP183	HASAGA_2018	145	GYRO	138.92	-52.83
HMP183	HASAGA_2018	150	GYRO	138.97	-52.79
HMP183	HASAGA_2018	155	GYRO	139.08	-52.72
HMP183	HASAGA_2018	160	GYRO	139.1	-52.65
HMP183	HASAGA_2018	165	GYRO	139.35	-52.52
HMP183	HASAGA_2018	170	GYRO	139.42	-52.3
HMP183	HASAGA_2018	175	GYRO	139.58	-52.23
HMP183	HASAGA_2018	180	GYRO	139.68	-52.12
HMP183	HASAGA_2018	185	GYRO	139.75	-51.86
HMP183	HASAGA_2018	190	GYRO	139.84	-51.87
HMP183	HASAGA_2018	195	GYRO	139.88	-51.75
HMP183	HASAGA_2018	200	GYRO	140.06	-51.6
HMP183	HASAGA_2018	205	GYRO	140.12	-51.54
HMP183	HASAGA_2018	210	GYRO	140.15	-51.56
HMP183	HASAGA_2018	215	GYRO	140.21	-51.49
HMP183	HASAGA_2018	220	GYRO	140.28	-51.48
HMP183	HASAGA_2018	225	GYRO	140.36	-51.4
HMP183	HASAGA_2018	230	GYRO	140.44	-51.32
HMP183	HASAGA_2018	235	GYRO	140.52	-51.22
HMP183	HASAGA_2018	240	GYRO	140.66	-51.14
HMP183	HASAGA_2018	245	GYRO	140.62	-51.07
HMP183	HASAGA_2018	250	GYRO	140.76	-50.98
HMP183	HASAGA_2018	255	GYRO	140.85	-50.8
HMP183	HASAGA_2018	260	GYRO	140.96	-50.68
HMP183	HASAGA_2018	265	GYRO	140.94	-50.62
HMP183	HASAGA_2018	270	GYRO	140.93	-50.53
HMP183	HASAGA_2018	275	GYRO	140.99	-50.52
HMP183	HASAGA_2018	280	GYRO	141.01	-50.46
HMP183	HASAGA_2018	285	GYRO	141.13	-50.31
HMP183	HASAGA_2018	290	GYRO	141.29	-50.25
HMP183	HASAGA_2018	295	GYRO	141.52	-50.02
HMP183	HASAGA_2018	300	GYRO	141.59	-49.99
HMP183	HASAGA_2018	305	GYRO	141.55	-49.96
HMP183	HASAGA_2018	310	GYRO	141.58	-49.77
HMP183	HASAGA_2018	315	GYRO	141.68	-49.75
HMP183	HASAGA_2018	320	GYRO	141.76	-49.71
HMP183	HASAGA_2018	325	GYRO	141.84	-49.61
HMP183	HASAGA_2018	330	GYRO	141.97	-49.55
HMP183	HASAGA_2018	335	GYRO	142.12	-49.44
HMP183	HASAGA_2018	340	GYRO	142.16	-49.34
HMP183	HASAGA_2018	345	GYRO	142.31	-49.29
HMP183	HASAGA_2018	350	GYRO	142.29	-49.13
HMP183	HASAGA_2018	355	GYRO	142.29	-49.02
HMP183	HASAGA_2018	360	GYRO	142.28	-48.92
HMP183	HASAGA_2018	365	GYRO	142.4	-48.8
HMP183	HASAGA_2018	370	GYRO	142.55	-49.17
HMP183	HASAGA_2018	375	GYRO	142.57	-48.52
HMP183	HASAGA_2018	380	GYRO	142.54	-48.45
HMP183	HASAGA_2018	385	GYRO	142.63	-48.34
HMP183	HASAGA_2018	390	GYRO	142.66	-48.26
HMP183	HASAGA_2018	395	GYRO	142.72	-48.06
HMP183	HASAGA_2018	400	GYRO	142.77	-47.89
HMP183	HASAGA_2018	405	GYRO	142.88	-47.91

Hole-ID	Project	Depth(m)	Type	Azimuth	Dip
HMP183	HASAGA_2018	410	GYRO	142.84	-47.8
HMP183	HASAGA_2018	415	GYRO	142.93	-47.79
HMP183	HASAGA_2018	420	GYRO	142.97	-47.68
HMP183	HASAGA_2018	425	GYRO	143.11	-47.44
HMP183	HASAGA_2018	430	GYRO	143.18	-47.34
HMP183	HASAGA_2018	435	GYRO	143.31	-47.23
HMP183	HASAGA_2018	440	GYRO	143.39	-46.98
HMP183	HASAGA_2018	445	GYRO	143.86	-46.89
HMP183	HASAGA_2018	450	GYRO	143.85	-46.93
HMP183	HASAGA_2018	455	GYRO	143.87	-46.8
HMP183	HASAGA_2018	460	GYRO	143.83	-46.76
HMP183	HASAGA_2018	465	GYRO	143.85	-46.68
HMP183	HASAGA_2018	470	GYRO	143.85	-46.62
HMP183	HASAGA_2018	475	GYRO	143.88	-46.49
HMP183	HASAGA_2018	480	GYRO	143.92	-46.4
HMP183	HASAGA_2018	485	GYRO	143.99	-46.22
HMP183	HASAGA_2018	490	GYRO	144.1	-46.05
HMP183	HASAGA_2018	495	GYRO	144.14	-45.97
HMP183	HASAGA_2018	500	GYRO	144.16	-45.84
HMP183	HASAGA_2018	505	GYRO	144.21	-45.72
HMP183	HASAGA_2018	510	GYRO	144.22	-45.54
HMP183	HASAGA_2018	515	GYRO	144.27	-45.5
HMP183	HASAGA_2018	520	GYRO	144.39	-45.39
HMP183	HASAGA_2018	525	GYRO	144.47	-45.25
HMP183	HASAGA_2018	530	GYRO	144.37	-45.14
HMP183	HASAGA_2018	535	GYRO	144.39	-45.14
HMP183	HASAGA_2018	540	GYRO	144.49	-44.97
HMP183	HASAGA_2018	545	GYRO	144.44	-44.85
HMP183	HASAGA_2018	550	GYRO	144.53	-44.71
HMP183	HASAGA_2018	555	GYRO	144.56	-44.69
HMP183	HASAGA_2018	560	GYRO	144.57	-44.6
HMP183	HASAGA_2018	565	GYRO	144.65	-44.52
HMP183	HASAGA_2018	570	GYRO	144.68	-44.35
HMP183	HASAGA_2018	575	GYRO	144.7	-44.33
HMP183	HASAGA_2018	580	GYRO	144.89	-44.31
HMP183	HASAGA_2018	585	GYRO	144.95	-44.28
HMP183	HASAGA_2018	590	GYRO	144.97	-44.2
HMP183	HASAGA_2018	595	GYRO	145.11	-44.11
HMP183	HASAGA_2018	600	GYRO	145.28	-44.01
HMP183	HASAGA_2018	605	GYRO	145.2	-44.01
HMP183	HASAGA_2018	610	GYRO	145.11	-43.72



## **Appendix C: Drilling Invoices**



## **Appendix D: Assay Certificates**



**Date Submitted:** 07-Feb-18  
**Invoice No.:** A18-01385  
**Invoice Date:** 12-Feb-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

126 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT **A18-01385**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with a large, sweeping initial letter.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145309	0.009	
145310	0.009	
145311	0.007	
145312	0.005	
145313	0.005	
145314	0.009	
145315	0.007	
145316	0.010	
145317	0.019	
145318	0.014	
145319	0.010	
145320	1.73	
145321	0.007	
145322	0.007	
145323	0.009	
145324	0.010	
145325	0.008	
145326	0.015	
145327	0.099	
145328	< 0.005	
145329	0.313	
145330	0.010	
145331	0.017	
145332	0.008	
145333	0.009	
145334	0.023	
145335	0.010	
145336	0.007	
145337	0.012	
145338	0.037	
145339	0.064	
145340	0.103	
145341	0.019	
145342	0.520	
145343	0.659	
145344	> 3.00	5.33
145345	0.030	
145346	0.107	
145347	0.006	
145348	0.980	
145349	0.787	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145350	0.134	
145351	0.014	
145352	< 0.005	
145353	0.006	
145354	0.296	
145355	2.07	
145356	0.027	
145357	0.034	
145358	0.012	
145359	0.234	
145360	0.176	
145361	0.160	
145362	0.029	
145363	0.054	
145364	0.068	
145365	0.193	
145366	0.155	
145367	0.339	
145368	> 3.00	12.8
145369	0.314	
145370	0.108	
145371	0.388	
145372	0.267	
145373	0.253	
145374	0.520	
145375	0.146	
145376	< 0.005	
145377	0.199	
145378	0.564	
145379	2.81	
145380	0.171	
145381	0.408	
145382	0.065	
145383	0.090	
145384	0.103	
145385	0.164	
145386	0.434	
145387	0.334	
145388	0.572	
145389	0.800	
145390	0.469	
145391	0.428	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145392	0.600	
145393	0.423	
145394	0.187	
145395	0.093	
145396	0.111	
145397	0.059	
145398	0.155	
145399	0.073	
145400	< 0.005	
145401	0.072	
145402	0.415	
145403	0.204	
145404	0.534	
145405	0.214	
145406	0.134	
145407	0.118	
145408	0.098	
145409	0.236	
145410	0.525	
145411	0.095	
145412	0.110	
145413	0.116	
145414	0.053	
145415	0.101	
145416	1.74	
145417	0.115	
145418	0.040	
145419	0.056	
145420	0.036	
145421	0.073	
145422	0.041	
145423	0.029	
145424	< 0.005	
145425	0.016	
145426	0.016	
145427	0.019	
145428	0.009	
145429	0.009	
145430	0.012	
145431	0.011	
145432	0.012	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145433	0.006	
145434	0.029	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.09
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.62
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.857	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.854	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.863	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.875	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.865	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 209 (Fire Assay) Meas	1.56	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.52	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.52	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145309 Orig	0.009	
145309 Dup	0.009	
145340 Orig	0.117	
145340 Dup	0.089	
145358 Orig	0.012	
145358 Split PREP DUP	0.018	
145358 Orig	0.012	
145358 Dup	0.012	
145365 Orig	0.197	
145365 Dup	0.190	
145376 Orig	< 0.005	
145376 Dup	< 0.005	
145398 Orig	0.133	
145398 Dup	0.178	
145409 Orig	0.236	
145409 Split PREP DUP	0.214	
145409 Orig	0.253	
145409 Dup	0.219	
145426 Orig	0.015	
145426 Dup	0.018	
145433 Orig	0.006	
145433 Dup	0.006	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 14-Feb-18  
**Invoice No.:** A18-01729  
**Invoice Date:** 21-Feb-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

136 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT **A18-01729**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117501	0.009	
1117502	0.007	
1117503	< 0.005	
1117504	< 0.005	
1117505	< 0.005	
1117506	< 0.005	
1117507	0.005	
1117508	< 0.005	
1117509	< 0.005	
1117510	0.080	
1117511	0.398	
1117512	0.006	
1117513	0.011	
1117514	0.007	
1117515	0.013	
1117516	0.013	
1117517	0.015	
1117518	0.005	
1117519	0.010	
1117520	0.008	
1117521	< 0.005	
1117522	< 0.005	
1117523	< 0.005	
1117524	0.519	
1117525	0.006	
1117526	< 0.005	
1117527	< 0.005	
1117528	< 0.005	
1117529	< 0.005	
1117530	0.005	
1117531	0.007	
1117532	< 0.005	
1117533	0.011	
1117534	0.023	
1117535	< 0.005	
1117536	0.009	
1117537	0.009	
1117538	0.014	
1117539	0.011	
1117540	0.013	
1117541	0.012	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117542	0.017	
1117543	0.037	
1117544	0.048	
1117545	0.013	
1117546	0.007	
1117547	0.008	
1117548	1.62	
1117549	0.009	
1117550	0.011	
1117551	0.030	
1117552	0.096	
1117553	0.048	
1117554	0.010	
1117555	0.026	
1117556	< 0.005	
1117557	0.625	
1117558	1.02	
1117559	0.081	
1117560	0.168	
1117561	0.073	
1117562	0.049	
1117563	0.019	
1117564	0.015	
1117565	< 0.005	
1117566	0.006	
1117567	0.005	
1117568	0.028	
1117569	0.707	
1117570	> 3.00	4.34
1117571	0.039	
1117572	> 3.00	5.34
1117573	0.054	
1117574	0.026	
1117575	0.088	
1117576	0.331	
1117577	0.881	
1117578	0.047	
1117579	1.94	
1117580	< 0.005	
1117581	0.723	
1117582	0.813	
1117583	0.366	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117584	0.012	
1117585	0.005	
1117586	0.034	
1117587	0.005	
1117588	0.006	
1117589	0.009	
1117590	0.012	
1117591	0.014	
1117592	0.071	
1117593	0.033	
1117594	0.109	
1117595	0.046	
1117596	> 3.00	12.6
1117597	0.011	
1117598	0.075	
1117599	0.010	
1117600	0.031	
1117601	< 0.005	
1117602	0.313	
1117603	0.068	
1117604	0.086	
1117605	0.089	
1117606	0.209	
1117607	0.125	
1117608	0.127	
1117609	0.637	
1117610	0.371	
1117611	1.36	
1117612	1.36	
1117613	0.271	
1117614	0.034	
1117615	0.188	
1117616	0.108	
1117617	0.046	
1117618	0.035	
1117619	0.017	
1117620	0.617	
1117621	0.015	
1117622	0.011	
1117623	0.330	
1117624	0.055	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117625	0.011	
1117626	0.160	
1117627	0.274	
1117628	< 0.005	
1117629	0.724	
1117630	0.055	
1117631	0.117	
1117632	0.203	
1117633	0.009	
1117634	0.190	
1117635	0.007	
1117636	0.007	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.95
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.83
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.876	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.891	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.855	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 209 (Fire Assay) Meas	1.51	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.63	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.54	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
1117501 Orig	0.009	
1117501 Dup	0.010	
1117521 Orig	< 0.005	
1117521 Dup	0.005	
1117532 Orig	< 0.005	
1117532 Dup	< 0.005	
1117536 Orig	0.009	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117536 Dup	0.009	
1117550 Orig	0.011	
1117550 Split PREP DUP	0.007	
1117556 Orig	0.005	
1117556 Dup	< 0.005	
1117567 Orig	0.005	
1117567 Dup	0.005	
1117584 Orig	0.013	
1117584 Dup	0.010	
1117591 Orig	0.014	
1117591 Dup	0.013	
1117600 Orig	0.031	
1117600 Split PREP DUP	0.033	
1117602 Orig	0.377	
1117602 Dup	0.248	
1117604 Orig	0.088	
1117604 Dup	0.083	
1117624 Orig	0.055	
1117624 Dup	0.055	
1117635 Orig	0.007	
1117635 Dup	0.006	
Method Blank	0.012	
Method Blank	< 0.005	
Method Blank	0.006	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 20-Feb-18  
**Invoice No.:** A18-01887  
**Invoice Date:** 23-Feb-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

58 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT **A18-01887**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with a large, sweeping 'E' and 'S'.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145446	0.976	
145447	0.028	
145448	< 0.005	
145449	0.106	
145450	0.267	
145451	0.036	
145452	0.028	
145453	0.223	
145454	0.525	
145455	0.357	
145456	0.327	
145457	0.934	
145458	1.77	
145459	0.034	
145460	0.154	
145461	0.145	
145462	0.151	
145463	0.532	
145464	> 3.00	12.4
145465	0.186	
145466	0.333	
145467	0.554	
145468	1.83	
145469	0.391	
145470	> 3.00	4.02
145471	2.35	
145472	< 0.005	
145473	0.194	
145474	> 3.00	4.59
145475	> 3.00	26.1
145476	> 3.00	5.55
145477	0.174	
145478	0.216	
145479	> 3.00	40.3
145480	> 3.00	34.9
145481	1.90	
145482	0.323	
145483	0.621	
145484	0.094	
1117888	0.012	
1117889	> 3.00	8.13

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117890	> 3.00	5.87
1117891	0.024	
1117892	< 0.005	
1117893	0.045	
1117894	0.016	
1117895	0.046	
1117896	0.022	
1117897	> 3.00	4.98
1117898	> 3.00	17.0
1117899	> 3.00	8.91
1117900	> 3.00	7.79
1117901	0.110	
1117902	0.028	
1117903	0.388	
1117904	> 3.00	5.22
1117905	0.129	
1117906	0.220	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.98
OREAS 214 Cert		3.03
OREAS 214 Meas		3.01
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.59
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.70
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.874	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.875	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.864	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 209 (Fire Assay) Meas	1.52	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.63	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
145466 Orig	0.356	
145466 Dup	0.310	
145477 Orig	0.154	
145477 Dup	0.193	
1117898 Orig	> 3.00	17.0
1117898 Split PREP DUP	> 3.00	16.0
1117898 Orig	> 3.00	
1117898 Dup	> 3.00	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117905 Orig	0.133	
1117905 Dup	0.125	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



**Date Submitted:** 21-Feb-18  
**Invoice No.:** A18-01945  
**Invoice Date:** 12-Mar-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

134 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT      **A18-01945**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

---

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117637	0.204	
1117638	0.336	
1117639	0.416	
1117640	0.054	
1117641	0.018	
1117642	0.031	
1117643	0.033	
1117644	> 3.00	5.50
1117645	0.070	
1117646	0.042	
1117647	0.014	
1117648	0.080	
1117649	0.030	
1117650	0.033	
1117651	0.241	
1117652	< 0.005	
1118138	0.150	
1118139	0.027	
1118140	0.022	
1118141	0.095	
1118142	0.032	
1118143	0.008	
1118144	0.020	
1118145	0.118	
1118146	0.034	
1118147	0.025	
1118148	> 3.00	12.6
1118149	0.035	
1118150	0.078	
1118151	0.026	
1118152	0.081	
1118153	0.527	
1118154	0.187	
1118155	0.096	
1118156	< 0.005	
1118157	0.035	
1118158	0.100	
1118159	0.082	
1118160	0.121	
1118161	0.190	
1118162	0.264	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118163	0.088	
1118164	0.089	
1118165	0.189	
1118166	0.113	
1118167	0.101	
145435	0.015	
145436	0.012	
145437	0.043	
145438	0.129	
145439	0.039	
145440	> 3.00	5.33
145441	1.12	
145442	> 3.00	13.3
145443	> 3.00	7.53
145444	> 3.00	6.73
145445	0.262	
145485	0.217	
145486	0.062	
145487	0.040	
145488	0.561	
145489	0.137	
145490	0.033	
145491	0.045	
145492	0.111	
145493	0.067	
145494	0.038	
145495	0.009	
145496	< 0.005	
145497	0.015	
145498	0.028	
1117849	0.018	
1117850	0.021	
1117851	0.042	
1117852	0.045	
1117853	0.142	
1117854	0.110	
1117855	0.214	
1117856	0.092	
1117857	0.101	
1117858	0.188	
1117859	0.122	
1117860	> 3.00	12.4

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117861	0.079	
1117862	0.036	
1117863	0.017	
1117864	0.021	
1117865	0.007	
1117866	0.018	
1117867	0.025	
1117868	< 0.005	
1117869	0.024	
1117870	0.017	
1117871	0.095	
1117872	0.746	
1117873	1.09	
1117874	0.042	
1117875	0.539	
1117876	0.512	
1117877	0.017	
1117878	< 0.005	
1117879	0.026	
1117880	0.015	
1117881	0.011	
1117882	0.011	
1117883	0.361	
1117884	0.603	
1117885	0.017	
1117886	0.056	
1117887	0.010	
1117907	0.019	
1117908	1.45	
1117909	0.029	
1117910	0.064	
1117911	0.349	
1117912	0.159	
1117913	0.019	
1117914	0.018	
1117915	0.031	
1117916	< 0.005	
1117917	0.019	
1117918	0.219	
1117919	0.024	
1117920	0.014	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117921	0.042	
1117922	0.090	
1117923	0.022	
1117924	0.020	
1117925	0.029	
1117926	0.077	
1117927	0.011	
1117928	0.015	
1117929	0.059	
1117930	0.137	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.96	3.05
OREAS 214 Cert	3.03	3.03
OREAS 214 Meas	2.97	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.99	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.97	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.72
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.833	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.848	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.875	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.876	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.864	
OREAS 220 (Fire Assay) Cert	0.828	
1117651 Orig	0.235	
1117651 Dup	0.247	
1118143 Orig	0.008	
1118143 Dup	0.007	
1118157 Orig	0.036	
1118157 Dup	0.035	
145438 Orig	0.129	
145438 Split PREP DUP	0.100	
145444 Orig	> 3.00	
145444 Dup	> 3.00	
145494 Orig	0.037	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145494 Dup	0.040	
145497 Orig	0.015	
145497 Dup	0.015	
1117867 Orig	0.027	
1117867 Dup	0.024	
1117877 Orig	0.017	
1117877 Split PREP DUP	0.018	
1117878 Orig	< 0.005	
1117878 Dup	< 0.005	
1117914 Orig	0.018	
1117914 Dup	0.017	
1117921 Orig	0.039	
1117921 Dup	0.044	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02





**Date Submitted:** 26-Feb-18  
**Invoice No.:** A18-02213  
**Invoice Date:** 26-Mar-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

190 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-02213**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke at the end.

---

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117931	0.018	
1117932	> 3.00	5.36
1117933	0.010	
1117934	0.266	
1117935	0.271	
1117936	0.027	
1117937	0.007	
1117938	0.068	
1117939	0.161	
1117940	< 0.005	
1117941	0.036	
1117942	0.076	
1117943	0.083	
1117944	0.093	
1117945	0.107	
1117946	0.089	
1117947	0.563	
1117948	0.514	
1117949	0.154	
1117950	0.133	
1117951	0.101	
1117952	0.024	
1117953	0.041	
1117954	0.116	
1117955	0.266	
1117956	> 3.00	12.3
1117957	0.008	
1117958	0.008	
1117959	0.009	
1117960	0.013	
1117961	0.005	
1117962	0.129	
1117963	0.021	
1117964	< 0.005	
1117965	0.013	
1117966	0.011	
1117967	0.013	
1117968	0.011	
1117969	0.052	
1117970	0.038	
1117971	0.098	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117972	0.089	
1117973	0.073	
1117974	0.144	
1117975	1.16	
1117976	0.137	
1117977	0.056	
1117978	0.064	
1117979	0.015	
1117980	0.570	
1117981	0.005	
1117982	0.011	
1117983	< 0.005	
1117984	0.071	
1117985	0.014	
1117986	0.014	
1117987	0.006	
1117988	< 0.005	
1117989	0.036	
1117990	0.023	
1117991	0.021	
1117992	0.051	
1117993	0.011	
1117994	0.046	
1117995	0.363	
1117996	0.379	
1117997	0.015	
1117998	0.015	
1117999	0.018	
1118000	0.132	
1118001	0.009	
1118002	0.011	
1118003	< 0.005	
1118004	1.54	
1118005	0.045	
1118006	0.018	
1118007	0.162	
1118008	0.115	
1118009	0.051	
1118010	0.074	
1118011	0.194	
1118012	< 0.005	
1118013	0.023	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118014	0.005	
1118015	0.009	
1118016	0.008	
1118017	0.005	
1118018	< 0.005	
1118019	0.009	
1118020	0.009	
1118021	0.006	
1118022	< 0.005	
1118023	0.013	
1118024	0.012	
1118025	< 0.005	
1118026	0.010	
1118027	0.102	
1118028	> 3.00	5.34
1118029	0.007	
1118030	0.014	
1118031	0.053	
1118032	0.084	
1118033	0.105	
1118034	0.104	
1118035	0.752	
1118036	< 0.005	
1118037	0.111	
1118038	0.019	
1118039	0.161	
1118040	0.021	
1118041	0.021	
1118042	0.017	
1118168	0.064	
1118169	0.076	
1118170	0.134	
1118171	0.187	
1118172	0.563	
1118173	0.069	
1118174	0.125	
1118175	0.014	
1118176	0.023	
1118177	0.034	
1118178	0.013	
1118179	0.022	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118180	< 0.005	
1118181	0.025	
1118182	0.029	
1118183	0.021	
1118184	0.057	
1118185	0.046	
1118186	0.006	
1118187	0.016	
1118188	0.017	
1118189	0.041	
1118190	< 0.005	
1118191	0.025	
1118192	0.027	
1118193	0.053	
1118194	0.019	
1118195	0.007	
1118196	1.47	
1118197	0.089	
1118198	0.017	
1118199	0.870	
1118200	0.024	
1118201	0.033	
1118202	0.020	
1118203	> 3.00	9.06
1118204	< 0.005	
1118205	0.157	
1118206	0.377	
1118207	0.248	
1118208	0.591	
1118209	0.097	
1118210	0.023	
1118211	0.103	
1118212	0.150	
1118213	0.078	
1118214	0.028	
1118215	0.011	
1118216	0.024	
1118217	0.013	
1118218	0.041	
1118219	0.077	
1118220	> 3.00	4.97
1118221	0.067	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118222	0.078	
1118223	0.272	
1118224	0.035	
1118225	0.599	
1118226	0.168	
1118227	0.152	
1118228	< 0.005	
1118229	0.012	
1118230	0.105	
1118231	0.023	
1118232	0.009	
1118233	0.033	
1118234	0.008	
1118235	0.093	
1118236	0.089	
1118237	0.036	
1118238	0.022	
1118239	0.112	
1118240	0.016	
1118241	0.149	
1118242	0.007	
1118243	0.014	
1118244	> 3.00	12.6
1118245	0.050	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.98	3.04
OREAS 214 Cert	3.03	3.03
OREAS 214 Meas	3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.89	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.98	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.72
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.828	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.886	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.857	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.871	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.856	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.864	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.866	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
1117941 Orig	0.028	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117941 Dup	0.044	
1117950 Orig	0.144	
1117950 Dup	0.122	
1117959 Orig	0.009	
1117959 Dup	0.009	
1117981 Orig	0.005	
1117981 Split PREP DUP	0.008	
1117981 Orig	0.006	
1117981 Dup	0.005	
1117987 Orig	0.007	
1117987 Dup	0.005	
1117998 Orig	0.016	
1117998 Dup	0.014	
1118010 Orig	0.068	
1118010 Dup	0.080	
1118019 Orig	0.010	
1118019 Dup	0.009	
1118030 Orig	0.014	
1118030 Split PREP DUP	0.010	
1118173 Orig	0.067	
1118173 Dup	0.071	
1118181 Orig	0.024	
1118181 Dup	0.026	
1118191 Orig	0.025	
1118191 Dup	0.024	
1118205 Orig	0.157	
1118205 Split PREP DUP	0.199	
1118205 Orig	0.155	
1118205 Dup	0.160	
1118213 Orig	0.076	
1118213 Dup	0.080	
1118222 Orig	0.074	
1118222 Dup	0.081	
1118242 Orig	0.007	
1118242 Dup	0.006	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 28-Feb-18  
**Invoice No.:** A18-02401  
**Invoice Date:** 25-Mar-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

207 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT      **A18-02401**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118043	0.048	
1118044	0.048	
1118045	0.034	
1118046	0.033	
1118047	0.142	
1118048	0.025	
1118049	> 3.00	14.6
1118050	0.293	
1118051	0.210	
1118052	> 3.00	12.3
1118053	0.186	
1118054	0.111	
1118055	0.059	
1118056	0.043	
1118057	0.101	
1118058	0.353	
1118059	0.031	
1118060	< 0.005	
1118061	0.034	
1118062	0.114	
1118063	0.112	
1118064	0.164	
1118065	0.012	
1118066	0.159	
1118067	0.203	
1118068	0.270	
1118069	0.155	
1118070	0.021	
1118071	0.077	
1118072	0.100	
1118073	0.101	
1118074	> 3.00	14.0
1118075	0.016	
1118076	0.712	
1118077	0.053	
1118078	0.086	
1118079	0.011	
1118080	0.045	
1118081	0.064	
1118082	0.069	
1118083	0.170	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118084	< 0.005	
1118085	0.040	
1118086	0.093	
1118087	0.223	
1118088	0.034	
1118089	0.085	
1118090	2.06	
1118091	0.058	
1118092	0.049	
1118093	0.017	
1118094	0.086	
1118095	0.005	
1118096	< 0.005	
1118097	0.006	
1118098	0.016	
1118099	0.009	
1118100	1.57	
1118101	0.009	
1118102	0.038	
1118103	0.496	
1118104	0.077	
1118105	0.211	
1118106	0.084	
1118107	0.005	
1118108	< 0.005	
1118109	0.017	
1118110	0.041	
1118111	0.028	
1118112	0.011	
1118113	0.106	
1118114	0.071	
1118115	0.054	
1118116	0.053	
1118117	0.013	
1118118	0.009	
1118119	0.065	
1118120	0.011	
1118121	0.007	
1118122	0.015	
1118123	0.034	
1118124	> 3.00	5.55
1118125	0.191	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118126	0.016	
1118127	0.106	
1118128	0.109	
1118129	0.034	
1118130	0.026	
1118131	0.008	
1118132	< 0.005	
1118133	0.012	
1118134	0.012	
1118135	0.014	
1118136	0.116	
1118137	0.039	
1118246	0.014	
1118247	< 0.005	
1118248	0.116	
1118249	< 0.005	
1118250	0.029	
1118251	0.049	
1118252	< 0.005	
1118253	< 0.005	
1118254	0.018	
1118255	0.013	
1118256	0.054	
1118257	0.108	
1118258	0.024	
1118259	0.009	
1118260	< 0.005	
1118261	0.013	
1118262	0.009	
1118263	0.010	
1118264	< 0.005	
1118265	< 0.005	
1118266	< 0.005	
1118267	< 0.005	
1118268	0.629	
1118269	< 0.005	
1118270	< 0.005	
1118271	< 0.005	
1118272	0.014	
1118273	0.014	
1118274	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118275	0.063	
1118276	< 0.005	
1118277	0.005	
1118278	0.005	
1118279	0.031	
1118280	0.025	
1118281	0.091	
1118282	0.021	
1118283	0.024	
1118284	0.031	
1118285	< 0.005	
1118286	< 0.005	
1118287	0.014	
1118288	0.034	
1118289	0.021	
1118290	0.008	
1118291	0.053	
1118292	1.51	
1118293	0.006	
1118294	0.008	
1118295	0.005	
1118296	< 0.005	
1118297	0.018	
1118298	0.012	
1118299	0.006	
1118300	< 0.005	
1118301	0.008	
1118302	0.006	
1118303	0.009	
1118304	0.005	
1118305	0.009	
1118306	< 0.005	
1118307	0.008	
1118308	0.009	
1118309	0.035	
1118310	0.016	
1118311	0.026	
1118312	0.014	
1118313	0.012	
1118314	0.013	
1118315	< 0.005	
1118316	> 3.00	5.26

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118317	0.005	
1118318	0.013	
1118319	0.016	
1118320	0.018	
1118321	< 0.005	
1118322	< 0.005	
1118323	0.014	
1118324	< 0.005	
1118325	0.075	
1118326	0.011	
1118327	0.005	
1118328	0.236	
1118329	0.127	
1118330	0.074	
1118331	0.101	
1118332	0.096	
1118333	0.065	
1118334	0.014	
1118335	0.007	
1118336	0.006	
1118337	0.006	
1118338	0.039	
1118339	0.011	
1118340	> 3.00	12.6
1118341	0.041	
1118342	0.138	
1118343	0.553	
1118344	0.162	
1118345	0.025	
1118346	0.637	
1118347	0.382	
1118348	< 0.005	
1118349	0.009	
1118350	0.021	
1118351	0.013	
1118352	0.016	
1118353	0.011	
1118354	0.012	
1118355	< 0.005	
1118356	0.005	
1118357	0.021	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.88	3.10
OREAS 214 Cert	3.03	3.03
OREAS 214 Meas	2.96	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.95	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.93	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.72
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.884	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
1118057 Orig	0.095	
1118057 Dup	0.106	
1118064 Orig	0.165	
1118064 Dup	0.164	
1118075 Orig	0.018	
1118075 Dup	0.015	
1118078 Orig	0.082	
1118078 Dup	0.089	
1118093 Orig	0.017	
1118093 Split PREP DUP	0.023	
1118098 Orig	0.016	
1118098 Dup	0.016	
1118109 Orig	0.016	
1118109 Dup	0.018	
1118122 Orig	0.016	
1118122 Dup	0.015	
1118131 Orig	0.008	
1118131 Dup	0.007	
1118248 Orig	0.100	
1118248 Dup	0.132	
1118250 Orig	0.029	
1118250 Split	0.040	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
PREP DUP		
1118260 Orig	< 0.005	
1118260 Dup	0.006	
1118273 Orig	0.014	
1118273 Dup	0.013	
1118279 Orig	0.033	
1118279 Dup	0.028	
1118295 Orig	0.005	
1118295 Dup	0.005	
1118301 Orig	0.008	
1118301 Split	0.006	
PREP DUP		
1118308 Orig	0.008	
1118308 Dup	0.009	
1118317 Orig	0.005	
1118317 Dup	0.006	
1118323 Orig	0.015	
1118323 Dup	0.014	
1118343 Orig	0.579	
1118343 Dup	0.527	
1118350 Orig	0.021	
1118350 Split	0.024	
PREP DUP		
1118354 Orig	0.014	
1118354 Dup	0.009	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank		< 0.02



**Date Submitted:** 05-Mar-18  
**Invoice No.:** A18-02554  
**Invoice Date:** 22-Mar-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

198 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT      **A18-02554**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a horizontal line underneath.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145499	0.007	
145500	0.021	
145501	0.005	
145502	0.054	
145503	0.043	
145504	0.051	
145505	0.008	
145506	0.006	
145507	0.011	
145508	0.016	
145509	0.010	
145510	0.006	
145511	0.037	
145512	0.646	
145513	0.005	
145514	0.015	
145515	0.011	
145516	0.031	
145517	0.044	
145518	0.012	
145519	0.051	
145520	< 0.005	
145521	0.718	
145522	0.817	
145523	0.370	
145524	0.851	
145525	0.447	
145526	> 3.00	9.97
145527	> 3.00	17.4
145528	> 3.00	15.1
145529	> 3.00	15.7
145530	0.169	
145531	0.085	
145532	0.038	
145533	0.109	
145534	0.286	
145535	0.033	
145536	1.65	
145537	1.30	
145538	0.391	
145539	0.285	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145540	0.108	
145541	0.038	
145542	0.111	
145543	0.019	
145544	< 0.005	
145545	0.298	
145546	0.118	
145547	0.172	
145548	0.021	
145549	0.067	
145550	> 3.00	3.45
145551	0.067	
145552	0.070	
145553	0.060	
145554	1.30	
145555	0.997	
145556	0.536	
145557	0.854	
145558	0.059	
145559	0.155	
145560	> 3.00	5.10
145561	0.087	
145562	0.022	
145563	0.119	
145564	0.208	
145565	0.034	
145566	0.287	
145567	0.219	
145568	< 0.005	
145569	> 3.00	20.0
145570	0.028	
145571	0.089	
145572	0.018	
145573	< 0.005	
145574	0.042	
145575	0.021	
145576	0.012	
145577	0.054	
145578	0.189	
145579	1.13	
145580	0.053	
145581	0.078	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145582	0.151	
145583	0.503	
145584	> 3.00	12.3
145585	0.176	
145586	0.295	
145587	0.136	
145588	0.156	
145589	0.104	
145590	0.022	
145591	0.008	
145592	< 0.005	
145593	0.005	
145594	0.009	
145595	2.78	
145596	> 3.00	5.97
145597	0.215	
145598	0.046	
145599	0.014	
145600	0.029	
145601	0.164	
145602	0.048	
145603	0.575	
145604	0.408	
145605	0.116	
145606	0.210	
145607	0.038	
145608	0.551	
145609	0.043	
145610	0.044	
145611	0.049	
145612	0.719	
145613	0.188	
145614	0.032	
145615	0.008	
145616	< 0.005	
145617	0.012	
145618	2.50	
145619	0.025	
145620	0.361	
145621	0.178	
145622	0.101	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118358	0.018	
1118359	< 0.005	
1118360	0.005	
1118361	< 0.005	
1118362	< 0.005	
1118363	0.007	
1118364	0.513	
1118365	0.008	
1118366	0.007	
1118367	0.009	
1118368	0.025	
1118369	0.017	
1118370	0.252	
1118371	0.023	
1118372	< 0.005	
1118373	0.013	
1118374	0.095	
1118375	0.150	
1118376	0.038	
1118377	0.005	
1118378	0.023	
1118379	0.184	
1118380	0.137	
1118381	0.019	
1118382	0.512	
1118383	0.075	
1118384	0.155	
1118385	0.147	
1118386	0.021	
1118387	0.013	
1118388	1.55	
1118389	0.008	
1118390	0.350	
1118391	0.260	
1118392	0.054	
1118393	0.065	
1118394	0.145	
1118395	0.059	
1118396	< 0.005	
1118397	0.046	
1118398	0.149	
1118399	0.448	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118400	0.179	
1118401	0.043	
1118402	0.055	
1118403	0.076	
1118404	0.086	
1118405	0.050	
1118406	0.042	
1118407	0.009	
1118408	0.183	
1118409	0.302	
1118410	0.293	
1118411	0.135	
1118412	> 3.00	5.18
1118413	0.162	
1118414	0.250	
1118415	0.139	
1118416	0.512	
1118417	0.865	
1118418	0.336	
1118419	0.021	
1118420	< 0.005	
1118421	0.041	
1118422	0.075	
1118423	0.064	
1118424	0.120	
1118425	0.168	
1118426	0.071	
1118427	0.298	
1118428	0.311	
1118429	0.061	
1118430	0.029	
1118431	0.018	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.99	2.97
OREAS 214 Cert	3.03	3.03
OREAS 214 Meas	2.89	2.94
OREAS 214 Cert	3.03	3.03
OREAS 214 Meas	2.91	3.05
OREAS 214 Cert	3.03	3.03
OREAS 214 Meas	3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.96	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.72
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.53
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.69
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.854	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.830	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.830	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.826	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.856	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.854	
OREAS 220 (Fire Assay) Cert	0.828	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Assay) Cert		
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.854	
OREAS 220 (Fire Assay) Cert	0.828	
145499 Orig	0.007	
145499 Dup	0.007	
145519 Orig	0.054	
145519 Dup	0.048	
145530 Orig	0.150	
145530 Dup	0.188	
145548 Orig	0.021	
145548 Split PREP DUP	0.021	
145554 Orig	1.25	
145554 Dup	1.34	
145565 Orig	0.033	
145565 Dup	0.036	
145568 Orig	< 0.005	
145568 Dup	< 0.005	
145589 Orig	0.116	
145589 Dup	0.092	
145598 Orig	0.046	
145598 Split PREP DUP	0.035	
145599 Orig	0.014	
145599 Dup	0.013	
145616 Orig	< 0.005	
145616 Dup	< 0.005	
1118358 Orig	0.017	
1118358 Dup	0.018	
1118361 Orig	< 0.005	
1118361 Dup	0.005	
1118378 Orig	0.020	
1118378 Dup	0.027	
1118383 Orig	0.075	
1118383 Split PREP DUP	0.062	
1118389 Orig	0.007	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118389 Dup	0.008	
1118393 Orig	0.064	
1118393 Dup	0.065	
1118426 Orig	0.065	
1118426 Dup	0.076	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 07-Mar-18  
**Invoice No.:** A18-02809  
**Invoice Date:** 26-Mar-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

208 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-02809**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145623	0.058	
145624	0.076	
145625	0.056	
145626	0.486	
145627	0.039	
145628	0.013	
145629	0.035	
145630	0.020	
145631	0.421	
145632	> 3.00	5.48
145633	0.069	
145634	0.033	
145635	1.66	
145636	0.288	
145637	0.080	
145638	0.038	
145639	0.515	
145640	< 0.005	
145641	0.926	
145642	0.049	
145643	< 0.005	
145644	0.009	
145645	< 0.005	
145646	0.073	
145647	0.124	
145648	0.085	
145649	0.175	
145650	0.008	
145651	0.028	
145652	0.319	
145653	0.059	
145654	0.081	
145655	0.013	
145656	0.573	
145657	0.005	
145658	< 0.005	
145659	0.010	
145660	> 3.00	6.18
145661	0.215	
145662	0.022	
145663	0.034	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145664	< 0.005	
145665	0.182	
145666	0.010	
145667	0.022	
145668	0.009	
145669	0.021	
145670	0.023	
145671	0.050	
145672	0.059	
145673	0.135	
145674	0.110	
145675	0.700	
145676	2.81	
145677	0.227	
145678	0.314	
145679	0.318	
145680	> 3.00	5.17
145681	0.034	
145682	0.772	
145683	0.010	
145684	0.007	
145685	< 0.005	
145686	0.022	
145687	0.019	
145688	< 0.005	
145689	0.030	
145690	0.044	
145691	0.028	
145692	0.733	
145693	0.019	
145694	0.120	
145695	0.008	
145696	0.005	
145697	< 0.005	
145698	< 0.005	
145699	0.009	
145700	0.034	
145701	0.047	
145702	0.117	
145703	0.025	
145704	> 3.00	13.0
145705	0.030	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145706	0.057	
145707	0.041	
145708	0.034	
145709	0.031	
145710	0.013	
145711	0.013	
145712	< 0.005	
145713	0.013	
145714	< 0.005	
145715	0.077	
145716	0.014	
145717	0.069	
145718	0.025	
145719	0.055	
145720	0.037	
145721	0.112	
145722	0.039	
145723	> 3.00	114
145724	> 3.00	3.52
145725	0.028	
145726	0.011	
145727	0.014	
145728	0.519	
145729	0.023	
145730	0.026	
145731	0.099	
145732	0.036	
145733	0.014	
145734	0.017	
145735	0.015	
145736	< 0.005	
145737	0.208	
145738	0.017	
145739	0.014	
145740	0.010	
145741	0.011	
145742	0.018	
145743	0.044	
145744	0.038	
145745	0.020	
145746	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145747	< 0.005	
145748	0.007	
145749	> 3.00	6.18
145750	0.024	
1117653	0.015	
1117654	0.021	
1117655	0.013	
1117656	0.016	
1117657	0.008	
1117658	0.066	
1117659	0.025	
1117660	< 0.005	
1117661	0.245	
1117662	0.438	
1117663	0.105	
1117664	0.065	
1117665	0.062	
1117666	0.284	
1117667	0.012	
1117668	> 3.00	12.7
1117669	0.351	
1117670	0.160	
1117671	0.025	
1117672	0.340	
1117673	1.79	
1117674	0.028	
1117675	0.095	
1117676	< 0.005	
1117677	2.01	
1117678	0.039	
1117679	0.005	
1117680	0.009	
1117681	0.059	
1117682	0.089	
1117683	0.007	
1117684	0.006	
1117685	0.006	
1117686	0.018	
1117687	0.007	
1117688	0.012	
1117689	0.104	
1117690	0.719	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117691	0.284	
1117692	0.551	
1117693	0.317	
1117694	0.403	
1117695	0.075	
1117696	0.306	
1117697	0.526	
1117698	0.103	
1117699	0.018	
1117700	< 0.005	
1117701	0.024	
1117702	0.068	
1117703	0.010	
1117704	0.006	
1117705	0.109	
1117706	0.012	
1117707	0.267	
1117708	0.222	
1117709	0.048	
1117710	0.136	
1117711	0.067	
1117712	0.052	
1117713	0.076	
1117714	0.312	
1117715	0.098	
1117716	1.52	
1117717	0.026	
1117718	0.010	
1117719	0.015	
1117720	0.008	
1117721	0.008	
1117722	0.009	
1117723	0.008	
1117724	< 0.005	
1117725	0.028	
1117726	0.438	
1117727	0.566	
1117728	0.062	
1117729	0.060	
1117730	0.112	
1117731	0.118	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117732	0.129	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.99	3.07
OREAS 214 Cert	3.03	3.03
OREAS 214 Meas	2.98	3.01
OREAS 214 Cert	3.03	3.03
OREAS 216 (Fire Assay) Meas		6.82
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.84
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.50
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.873	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.842	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.843	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.877	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.887	
OREAS 220 (Fire Assay) Cert	0.828	
145644 Orig	0.006	
145644 Dup	0.011	
145655 Orig	0.006	
145655 Dup	0.021	
145672 Orig	0.067	
145672 Dup	0.051	
145673 Orig	0.135	
145673 Split PREP DUP	0.100	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145690 Orig	0.040	
145690 Dup	0.048	
145692 Orig	0.712	
145692 Dup	0.754	
145712 Orig	< 0.005	
145712 Dup	< 0.005	
145722 Orig	0.039	
145722 Split PREP DUP	0.040	
145723 Orig	> 3.00	
145723 Dup	> 3.00	
145740 Orig	0.013	
145740 Dup	0.007	
145747 Orig	< 0.005	
145747 Dup	0.007	
1117653 Orig	0.015	
1117653 Dup	0.016	
1117673 Orig	1.73	
1117673 Dup	1.86	
1117674 Orig	0.028	
1117674 Split PREP DUP	0.020	
1117684 Orig	0.006	
1117684 Dup	0.006	
1117688 Orig	0.011	
1117688 Dup	0.012	
1117711 Orig	0.064	
1117711 Dup	0.069	
1117718 Orig	0.010	
1117718 Dup	0.010	
1117725 Orig	0.028	
1117725 Split PREP DUP	0.031	
1117729 Orig	0.061	
1117729 Dup	0.060	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 12-Mar-18  
**Invoice No.:** A18-03017  
**Invoice Date:** 03-Apr-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

172 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-03017**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145751	0.231	
145752	> 3.00	5.61
145753	0.014	
145754	0.014	
145755	0.006	
145756	0.033	
145757	0.107	
145758	0.051	
145759	0.008	
145760	< 0.005	
145761	0.015	
145762	0.015	
145763	0.053	
145764	0.019	
145765	0.019	
145766	0.071	
145767	0.114	
145768	0.114	
145769	0.108	
145770	0.030	
145771	0.050	
145772	0.030	
145773	0.011	
145774	0.047	
145775	0.031	
145776	> 3.00	12.6
145777	0.028	
145778	0.017	
145779	0.009	
145780	0.077	
145781	0.024	
145782	0.013	
145783	0.034	
145784	< 0.005	
145785	0.010	
145786	0.010	
145787	0.015	
145788	0.095	
145789	0.062	
145790	0.029	
145791	0.009	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145792	0.015	
145793	0.009	
145794	0.011	
145795	0.030	
145796	0.154	
145797	0.097	
145798	0.084	
145799	0.017	
145800	0.567	
145801	0.053	
145802	0.085	
145803	0.061	
145804	0.037	
145805	0.025	
145806	0.200	
1117733	0.064	
1117734	0.378	
1117735	0.012	
1117736	0.015	
1117737	0.077	
1117738	0.023	
1117739	0.023	
1117740	> 3.00	5.41
1117741	0.101	
1117742	0.022	
1117743	0.064	
1117744	0.005	
1117745	0.008	
1117746	0.021	
1117747	0.206	
1117748	< 0.005	
1117749	0.075	
1117750	0.078	
1117751	0.039	
1117752	0.015	
1117753	0.028	
1117754	0.018	
1117755	0.021	
1117756	0.020	
1117757	0.031	
1117758	0.030	
1117759	0.395	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117760	0.016	
1117761	0.044	
1117762	0.075	
1117763	0.052	
1117764	> 3.00	12.4
1117765	0.216	
1117766	0.086	
1117767	0.099	
1117768	0.011	
1117769	0.039	
1117770	0.329	
1117771	0.043	
1117772	< 0.005	
1117773	0.256	
1117774	0.008	
1117775	0.011	
1117776	0.007	
1117777	0.051	
1117778	0.046	
1117779	0.008	
1117780	0.006	
1117781	0.044	
1117782	0.010	
1117783	0.520	
1117784	0.146	
1117785	0.048	
1117786	0.018	
1117787	0.099	
1117788	0.600	
1117789	0.017	
1117790	0.016	
1117791	0.020	
1117792	0.013	
1117793	0.015	
1117794	0.087	
1117795	0.136	
1117796	< 0.005	
1117797	0.111	
1117798	0.020	
1117799	0.016	
1117800	0.141	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117801	0.024	
1117802	0.243	
1117803	< 0.005	
1117804	< 0.005	
1117805	0.006	
1117806	0.013	
1117807	0.018	
1117808	0.018	
1117809	0.037	
1117810	0.020	
1117811	0.090	
1117812	1.55	
1117813	0.080	
1117814	0.012	
1117815	0.028	
1117816	0.045	
1117817	0.056	
1117818	0.025	
1117819	0.036	
1117820	< 0.005	
1117821	0.053	
1117822	0.074	
1117823	0.033	
1117824	0.107	
1117825	0.063	
1117826	0.178	
1117827	0.028	
1117828	0.037	
1117829	0.558	
1117830	0.100	
1117831	1.78	
1117832	0.068	
1117833	0.045	
1117834	0.059	
1117835	0.160	
1117836	> 3.00	4.97
1117837	0.439	
1117838	0.070	
1117839	0.045	
1117840	0.076	
1117841	0.090	
1117842	0.314	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117843	0.012	
1117844	< 0.005	
1117845	0.043	
1117846	0.056	
1117847	0.070	
1117848	0.173	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.06
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.66
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.73
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.833	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.841	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.873	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.883	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.877	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.888	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.857	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.832	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.51	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Meas	1.62	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.50	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.63	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.63	
OREAS 209 (Fire Assay) Cert	1.58	
145761 Orig	0.015	
145761 Dup	0.015	
145770 Orig	0.030	
145770 Dup	0.030	
145779 Orig	0.009	
145779 Dup	0.009	
145792 Orig	0.011	
145792 Dup	0.020	
145801 Orig	0.053	
145801 Split PREP DUP	0.058	
145805 Orig	0.023	
145805 Dup	0.026	
1117747 Orig	0.206	
1117747 Dup	0.207	
1117754 Orig	0.017	
1117754 Dup	0.018	
1117765 Orig	0.229	
1117765 Dup	0.204	
1117776 Orig	0.007	
1117776 Split PREP DUP	0.007	
1117790 Orig	0.018	
1117790 Dup	0.015	
1117799 Orig	0.018	
1117799 Dup	0.014	
1117808 Orig	0.018	
1117808 Dup	0.017	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1117826 Orig	0.178	
1117826 Split PREP DUP	0.126	
1117829 Orig	0.580	
1117829 Dup	0.537	
1117836 Orig	> 3.00	
1117836 Dup	> 3.00	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	0.007	



**Date Submitted:** 14-Mar-18  
**Invoice No.:** A18-03205  
**Invoice Date:** 20-Mar-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

233 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-03205**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
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E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145807	0.025	
145808	< 0.005	
145809	0.415	
145810	0.015	
145811	0.093	
145812	< 0.005	
145813	0.014	
145814	0.022	
145815	0.015	
145816	0.013	
145817	< 0.005	
145818	0.007	
145819	< 0.005	
145820	< 0.005	
145821	0.007	
145822	0.013	
145823	0.008	
145824	1.72	
145825	0.015	
145826	0.007	
145827	0.007	
1118432	0.025	
1118433	0.147	
1118434	0.235	
1118435	0.110	
1118436	< 0.005	
1118437	0.016	
1118438	0.112	
1118439	0.137	
1118440	0.026	
1118441	0.038	
1118442	0.128	
1118443	0.145	
1118444	0.141	
1118445	0.303	
1118446	0.069	
1118447	0.074	
1118448	0.057	
1118449	0.201	
1118450	0.070	
1118451	0.044	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118452	0.588	
1118453	0.186	
1118454	0.418	
1118455	0.173	
1118456	0.369	
1118457	0.504	
1118458	0.184	
1118459	0.189	
1118460	< 0.005	
1118461	0.122	
1118462	0.167	
1118463	0.391	
1118464	0.088	
1118465	0.012	
1118466	0.140	
1118467	0.140	
1118468	0.136	
1118469	0.043	
1118470	0.042	
1118471	0.035	
1118472	0.027	
1118473	0.027	
1118474	0.081	
1118475	0.118	
1118476	1.71	
1118477	0.066	
1118478	0.191	
1118479	0.050	
1118480	0.021	
1118481	0.100	
1118482	0.784	
1118483	0.121	
1118484	< 0.005	
1118485	0.239	
1118486	0.037	
1118487	0.052	
1118488	0.045	
1118489	0.236	
1118490	0.237	
1118491	0.290	
1118492	0.329	
1118493	0.303	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118494	0.193	
1118495	0.065	
1118496	0.085	
1118497	0.016	
1118498	0.067	
1118499	0.067	
1118500	0.541	
1118501	0.045	
1118502	0.250	
1118503	0.251	
1118504	0.199	
1118505	0.187	
1118506	0.281	
1118507	0.074	
1118508	< 0.005	
1118509	1.29	
1118510	0.331	
1118511	1.07	
1118512	0.042	
1118513	0.029	
1118514	0.243	
1118515	0.306	
1118516	0.287	
1118517	0.129	
1118518	0.724	
1118519	1.45	
1118520	1.24	
1118521	0.766	
1118522	0.427	
1118523	0.356	
1118524	1.48	
1118525	0.416	
1118526	0.444	
1118527	0.495	
1118528	0.324	
1118529	0.304	
1118530	> 3.00	9.82
1118531	> 3.00	6.32
1118532	0.005	
1118533	> 3.00	3.43
1118534	> 3.00	4.94

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118535	> 3.00	7.88
1118536	2.78	
1118537	1.09	
1118538	0.219	
1118539	0.119	
1118540	0.100	
1118541	0.582	
1118542	0.090	
1118543	0.181	
1118544	0.289	
1118545	2.02	
1118546	0.346	
1118547	> 3.00	3.42
1118548	> 3.00	5.54
1118549	1.26	
1118550	1.76	
1118551	1.14	
1118552	> 3.00	4.04
1118553	1.69	
1118554	1.70	
1118555	1.04	
1118556	0.006	
1118557	0.676	
1118558	0.280	
1118559	0.405	
1118560	0.628	
1118561	0.652	
1118562	0.204	
1118563	0.151	
1118564	0.132	
1118565	0.016	
1118566	0.006	
1118567	0.007	
1118568	0.006	
1118569	0.013	
1118570	0.171	
1118571	0.007	
1118572	> 3.00	12.8
1118573	0.005	
1118574	0.016	
1118575	0.092	
1118576	0.303	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118577	0.039	
1118578	0.176	
1118579	0.089	
1118580	< 0.005	
1118581	0.377	
1118582	0.032	
1118583	0.147	
1118584	0.026	
1118585	0.096	
1118586	0.665	
1118587	0.214	
1118588	0.248	
1118589	0.024	
1118590	0.100	
1118591	0.342	
1118592	0.152	
1118593	1.34	
1118594	0.396	
1118595	2.07	
1118596	0.603	
1118597	0.650	
1118598	2.72	
1118599	1.05	
1118600	0.107	
1118601	0.105	
1118602	2.76	
1118603	0.170	
1118604	< 0.005	
1118605	0.349	
1118606	0.728	
1118607	1.26	
1118608	0.598	
1118609	0.310	
1118610	0.844	
1118611	> 3.00	7.00
1118612	> 3.00	6.75
1118613	1.12	
1118614	1.14	
1118615	0.584	
1118616	0.901	
1118617	0.039	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118618	0.537	
1118619	0.623	
1118620	0.612	
1118621	0.485	
1118622	0.306	
1118623	1.02	
1118624	1.13	
1118625	0.841	
1118626	0.399	
1118627	0.593	
1118628	< 0.005	
1118629	2.57	
1118630	2.25	
1118631	1.87	
1118632	0.743	
1118633	1.27	
1118634	0.474	
1118635	1.19	
1118636	1.03	
1118637	2.65	
1118638	1.18	
1118639	2.67	
1118640	1.37	
1118641	0.898	
1118642	0.573	
1118643	0.087	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.94	3.08
OREAS 214 Cert	3.03	3.03
OREAS 214 Meas	2.92	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.50
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.874	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.851	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.841	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.848	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.869	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.846	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.830	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.829	
OREAS 220 (Fire Assay) Cert	0.828	
145807 Orig	0.027	
145807 Dup	0.023	
145827 Orig	0.007	
145827 Dup	0.007	
1118442 Orig	0.122	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118442 Dup	0.134	
1118456 Orig	0.330	
1118456 Dup	0.408	
1118460 Orig	< 0.005	
1118460 Split PREP DUP	< 0.005	
1118465 Orig	0.015	
1118465 Dup	0.008	
1118474 Orig	0.085	
1118474 Dup	0.077	
1118480 Orig	0.021	
1118480 Dup	0.020	
1118501 Orig	0.041	
1118501 Dup	0.048	
1118510 Orig	0.331	
1118510 Split PREP DUP	0.296	
1118514 Orig	0.248	
1118514 Dup	0.237	
1118534 Orig	> 3.00	
1118534 Dup	> 3.00	
1118545 Orig	1.93	
1118545 Dup	2.11	
1118563 Orig	0.144	
1118563 Dup	0.158	
1118570 Orig	0.177	
1118570 Dup	0.166	
1118581 Orig	0.376	
1118581 Dup	0.379	
1118597 Orig	0.635	
1118597 Dup	0.664	
1118604 Orig	< 0.005	
1118604 Dup	< 0.005	
1118610 Orig	0.844	
1118610 Split PREP DUP	0.906	
1118631 Orig	1.93	
1118631 Dup	1.82	
1118638 Orig	1.18	
1118638 Dup	1.18	
Method Blank	< 0.005	
Method Blank	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank	0.008	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank	< 0.005	



**Date Submitted:** 19-Mar-18  
**Invoice No.:** A18-03397  
**Invoice Date:** 09-Apr-18  
**Your Reference:**

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

30 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT **A18-03397**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118644	1.71	
1118645	0.217	
1118646	0.088	
1118647	0.073	
1118648	0.483	
1118649	0.265	
1118650	0.078	
1118651	0.021	
1118652	< 0.005	
1118653	0.081	
1118654	0.101	
1118655	0.025	
1118656	0.027	
1118657	0.041	
1118658	0.021	
1118659	0.029	
1118660	0.015	
1118661	0.115	
1118662	0.067	
1118663	0.039	
1118664	0.021	
1118665	0.022	
1118666	0.074	
1118667	0.039	
1118668	> 3.00	5.64
1118669	0.025	
1118670	0.029	
1118671	0.039	
1118672	0.074	
1118673	0.083	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.10
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.86
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.851	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.50	
OREAS 209 (Fire Assay) Cert	1.58	
1118644 Dup	1.71	
1118664 Orig	0.021	
1118664 Dup	0.022	
1118673 Orig	0.083	
1118673 Split PREP DUP	0.123	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 21-Mar-18  
**Invoice No.:** A18-03581  
**Invoice Date:** 27-Mar-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

209 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-03581**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

---

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118674	0.310	
1118675	0.013	
1118676	< 0.005	
1118677	0.033	
1118678	0.007	
1118679	0.009	
1118680	0.008	
1118681	0.192	
1118682	0.036	
1118683	0.067	
1118684	0.056	
1118685	0.018	
1118686	0.071	
1118687	0.023	
1118688	0.016	
1118689	0.017	
1118690	0.017	
1118691	0.023	
1118692	> 3.00	12.6
1118693	0.031	
1118694	0.031	
1118695	0.196	
1118696	0.069	
1118697	0.060	
1118698	0.017	
1118699	0.022	
1118700	< 0.005	
1118701	0.121	
1118702	0.066	
1118703	0.079	
1118704	0.020	
1118705	0.033	
1118706	0.022	
1118707	0.054	
1118708	0.011	
1118709	0.013	
1118710	0.108	
1118711	0.104	
1118712	0.026	
1118713	0.278	
1118714	0.124	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118715	0.188	
1118716	0.636	
1118717	0.200	
1118718	0.537	
1118719	0.270	
1118720	0.087	
1118721	0.005	
1118722	< 0.005	
1118723	0.320	
1118724	< 0.005	
1118725	0.154	
1118726	0.104	
1118727	0.324	
1118728	0.130	
1118729	0.230	
1118730	0.032	
1118731	0.056	
1118732	0.053	
1118733	0.055	
1118734	< 0.005	
1118735	0.292	
1118736	0.142	
1118737	0.172	
1118738	0.081	
1118739	0.057	
1118740	1.61	
1118741	0.312	
1118742	0.970	
1118743	0.485	
1118744	1.50	
1118745	0.094	
1118746	0.067	
1118747	0.020	
1118748	< 0.005	
1118749	0.040	
1118750	0.018	
1118751	0.895	
1118752	0.762	
1118753	0.205	
1118754	0.067	
1118755	0.091	
1118756	0.131	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118757	0.192	
1118758	0.330	
1118759	0.171	
1118760	0.129	
1118761	> 3.00	73.7
1118762	1.38	
1118763	0.776	
1118764	> 3.00	5.45
1118765	2.42	
1118766	1.71	
1118767	2.02	
1118768	0.218	
1118769	0.050	
1118770	0.170	
1118771	0.040	
1118772	0.005	
1118773	0.038	
1118774	0.072	
1118775	0.069	
1118776	0.121	
1118777	0.299	
1118778	0.020	
1118779	0.040	
1118780	0.050	
1118781	0.209	
1118782	0.481	
1118783	0.949	
1118784	0.180	
1118785	0.341	
1118786	0.515	
1118787	0.209	
1118788	> 3.00	12.7
1118789	0.034	
1118790	0.016	
1118791	0.072	
1118792	0.032	
1118793	0.005	
1118794	< 0.005	
1118795	0.006	
1118796	< 0.005	
1118797	0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118798	< 0.005	
1118799	0.005	
1118800	0.020	
1118801	0.009	
1118802	0.010	
1118803	0.043	
1118804	0.042	
1118805	0.011	
1118806	< 0.005	
1118807	0.014	
1118808	0.024	
1118809	0.471	
1118810	0.027	
1118811	0.058	
1118812	0.603	
1118813	0.071	
1118814	0.213	
1118815	0.154	
1118816	0.269	
1118817	0.165	
1118818	0.134	
1118819	0.289	
1118820	< 0.005	
1118821	0.143	
1118822	0.098	
1118823	0.410	
1118824	0.339	
1118825	0.084	
1118826	0.311	
1118827	0.293	
1118828	0.353	
1118829	0.184	
1118830	0.687	
1118831	0.254	
1118832	0.347	
1118833	0.202	
1118834	0.087	
1118835	0.045	
1118836	1.62	
1118837	0.701	
1118838	0.710	
1118839	1.20	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118840	0.530	
1118841	> 3.00	3.37
1118842	1.03	
1118843	0.507	
1118844	< 0.005	
1118845	> 3.00	4.25
1118846	0.740	
1118847	1.03	
1118848	1.15	
1118849	0.032	
1118850	0.312	
1118851	0.231	
1118852	0.242	
1118853	0.113	
145828	0.008	
145829	0.008	
145830	< 0.005	
145831	0.008	
145832	< 0.005	
145833	0.006	
145834	0.008	
145835	0.005	
145836	< 0.005	
145837	0.006	
145838	< 0.005	
145839	0.006	
145840	0.005	
145841	0.007	
145842	0.023	
145843	0.540	
145844	> 3.00	49.7
145845	1.13	
145846	> 3.00	3.17
145847	> 3.00	51.8
145848	> 3.00	5.70
145849	0.823	
145850	0.327	
145851	0.199	
145852	0.067	
145853	0.040	
145854	0.049	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145855	0.008	
145856	0.018	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.89
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.76
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.858	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.850	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.878	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.863	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.829	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.863	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.843	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.56	
OREAS 209 (Fire Assay) Cert	1.58	
1118688 Orig	0.012	
1118688 Dup	0.021	
1118695 Orig	0.216	
1118695 Dup	0.175	
1118706 Orig	0.016	
1118706 Dup	0.028	
1118719 Orig	0.291	
1118719 Dup	0.248	
1118723 Orig	0.320	
1118723 Split PREP DUP	0.496	
1118728 Orig	0.132	
1118728 Dup	0.129	
1118737 Orig	0.181	
1118737 Dup	0.163	
1118757 Orig	0.201	
1118757 Dup	0.184	
1118765 Orig	2.34	
1118765 Dup	2.51	
1118773 Orig	0.038	
1118773 Split PREP DUP	0.037	
1118775 Orig	0.072	
1118775 Dup	0.067	
1118791 Orig	0.085	
1118791 Dup	0.060	
1118798 Orig	0.005	
1118798 Dup	< 0.005	
1118809 Orig	0.484	
1118809 Dup	0.458	
1118823 Orig	0.410	
1118823 Split PREP DUP	0.375	
1118826 Orig	0.307	
1118826 Dup	0.314	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118833 Orig	0.205	
1118833 Dup	0.199	
1118845 Orig	> 3.00	
1118845 Dup	> 3.00	
145833 Orig	0.006	
145833 Dup	0.006	
145841 Orig	0.006	
145841 Dup	0.008	
145847 Orig	> 3.00	51.8
145847 Split PREP DUP	> 3.00	59.7
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 26-Mar-18  
**Invoice No.:** A18-03769  
**Invoice Date:** 29-Mar-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

97 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-03769**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118854	0.669	
1118855	0.212	
1118856	0.300	
1118857	1.67	
1118858	0.338	
1118859	0.706	
1118860	> 3.00	5.57
1118861	0.795	
1118862	0.426	
1118863	0.115	
1118864	0.064	
1118865	0.211	
1118866	0.950	
1118867	0.989	
1118868	< 0.005	
1118869	0.316	
1118870	0.208	
1118871	0.155	
1118872	0.879	
1118873	0.178	
1118874	0.198	
1118875	0.170	
1118876	0.190	
1118877	0.558	
1118878	0.565	
1118879	1.08	
1118880	2.11	
1118881	1.70	
1118882	0.918	
1118883	1.28	
1118884	> 3.00	12.6
1118885	0.937	
1118886	1.02	
1118887	0.612	
1118888	0.265	
1118889	0.917	
1118890	0.069	
1118891	0.394	
1118892	< 0.005	
1118893	0.126	
1118894	0.067	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118895	0.515	
1118896	0.922	
1118897	0.948	
1118898	0.805	
1118899	2.20	
1118900	2.06	
1118901	0.253	
1118902	0.264	
1118903	0.102	
1118904	0.267	
1118905	0.103	
1118906	0.032	
1118907	0.113	
1118908	0.588	
1118909	0.024	
1118910	0.019	
1118911	0.115	
1118912	0.048	
1118913	0.033	
1118914	0.019	
1118915	0.315	
1118916	< 0.005	
1118917	0.269	
1118918	1.89	
145857	1.51	
145858	1.01	
145859	0.360	
145860	0.019	
145861	0.857	
145862	0.056	
145863	0.858	
145864	0.908	
145865	0.621	
145866	0.180	
145867	0.114	
145868	0.206	
145869	0.205	
145870	0.486	
145871	0.340	
145872	> 3.00	13.0
145873	0.275	
145874	0.035	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145875	0.202	
145876	0.247	
145877	0.241	
145878	0.268	
145879	> 3.00	7.42
145880	0.005	
145881	2.72	
145882	0.072	
145883	> 3.00	17.1
145884	0.136	
145885	0.193	
145886	1.51	
145887	0.158	
145888	0.107	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.06
OREAS 214 Cert		3.03
OREAS 214 Meas		3.07
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.86
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.54
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.875	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.853	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.849	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.865	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.63	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.62	
OREAS 209 (Fire Assay) Cert	1.58	
1118867 Orig	1.03	
1118867 Dup	0.951	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118875 Orig	0.168	
1118875 Dup	0.172	
1118886 Orig	1.06	
1118886 Dup	0.978	
1118903 Orig	0.102	
1118903 Split PREP DUP	0.099	
1118903 Orig	0.104	
1118903 Dup	0.100	
1118910 Orig	0.021	
1118910 Dup	0.016	
145859 Orig	0.311	
145859 Dup	0.410	
145871 Orig	0.374	
145871 Dup	0.307	
145879 Orig	> 3.00	
145879 Dup	> 3.00	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.006	
Method Blank		< 0.02
Method Blank		< 0.02



**Date Submitted:** 28-Mar-18  
**Invoice No.:** A18-03919  
**Invoice Date:** 04-Apr-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

120 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-03919**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized with a large, sweeping 'E' and 'S'.

---

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145889	0.009	
145890	0.011	
145891	0.163	
145892	0.031	
145893	0.106	
145894	0.103	
145895	0.650	
145896	0.575	
145897	0.403	
145898	0.098	
145899	0.018	
145900	0.024	
145901	0.046	
145902	0.020	
145903	0.045	
145904	< 0.005	
145905	0.257	
145906	0.248	
145907	0.024	
145908	2.60	
145909	0.529	
145910	0.028	
145911	0.024	
145912	0.033	
145913	0.045	
145914	0.659	
145915	0.138	
145916	0.334	
145917	0.018	
145918	0.012	
145919	0.518	
145920	1.55	
145921	0.705	
145922	0.357	
145923	0.118	
145924	0.012	
145925	> 3.00	3.87
145926	0.178	
145927	1.51	
145928	< 0.005	
145929	0.040	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145930	0.654	
145931	0.068	
145932	0.045	
145933	0.126	
145934	0.605	
145935	0.014	
145936	0.031	
145937	0.049	
145938	0.061	
145939	0.256	
145940	1.26	
145941	0.366	
145942	0.125	
145943	0.218	
145944	> 3.00	5.41
145945	0.061	
145946	0.078	
145947	1.49	
145948	0.342	
145949	0.335	
145950	1.14	
145951	0.380	
145952	< 0.005	
145953	1.70	
145954	0.277	
145955	> 3.00	33.4
145956	> 3.00	18.1
145957	0.013	
145958	2.02	
145959	> 3.00	36.1
145960	> 3.00	58.0
145961	0.017	
145962	0.048	
145963	0.009	
145964	0.015	
145965	0.039	
145966	0.012	
145967	0.006	
145968	> 3.00	12.0
145969	0.041	
145970	0.025	
145971	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145972	< 0.005	
145973	0.035	
145974	0.155	
145975	0.007	
145976	< 0.005	
145977	0.008	
145978	0.013	
145979	0.017	
145980	< 0.005	
145981	0.008	
145982	0.008	
145983	0.007	
145984	0.006	
145985	0.005	
145986	0.006	
145987	0.006	
145988	< 0.005	
145989	< 0.005	
145990	< 0.005	
145991	0.006	
145992	0.614	
145993	0.014	
145994	0.035	
145995	0.052	
145996	0.041	
145997	0.192	
145998	0.283	
145999	0.137	
146000	< 0.005	
146001	0.073	
146002	0.021	
146003	0.005	
146004	0.013	
146005	0.035	
146006	0.052	
146007	0.086	
146008	0.075	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.08
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.84
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.839	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.843	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.839	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.845	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.65	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.53	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.52	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
145903 Orig	0.053	
145903 Dup	0.038	
145910 Orig	0.023	
145910 Dup	0.033	
145921 Orig	0.739	
145921 Dup	0.670	
145938 Orig	0.061	
145938 Split PREP DUP	0.060	
145945 Orig	0.065	
145945 Dup	0.058	
145955 Orig	> 3.00	
145955 Dup	> 3.00	
145978 Orig	0.012	
145978 Dup	0.014	
145988 Orig	< 0.005	
145988 Split PREP DUP	< 0.005	
146005 Orig	0.033	
146005 Dup	0.037	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02





**Date Submitted:** 04-Apr-18  
**Invoice No.:** A18-04195  
**Invoice Date:** 06-Apr-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

77 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT      **A18-04195**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118919	0.012	
1118920	< 0.005	
1118921	0.009	
1118922	0.008	
1118923	0.005	
1118924	0.005	
1118925	0.009	
1118926	0.008	
1118927	0.010	
1118928	0.013	
1118929	0.011	
1118930	0.025	
1118931	0.051	
1118932	1.53	
1118933	0.019	
1118934	0.007	
1118935	0.030	
1118936	0.048	
1118937	0.240	
1118938	0.499	
1118939	1.45	
1118940	< 0.005	
1118941	0.087	
1118942	0.120	
1118943	0.191	
1118944	0.183	
1118945	0.542	
1118946	0.215	
1118947	0.175	
1118948	0.161	
1118949	0.152	
1118950	0.570	
1118951	0.359	
1118952	0.660	
1118953	0.589	
1118954	0.430	
1118955	1.49	
1118956	> 3.00	5.51
1118957	0.678	
1118958	1.14	
1118959	0.774	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118960	1.07	
1118961	0.244	
1118962	0.054	
1118963	0.181	
1118964	< 0.005	
1118965	1.80	
1118966	0.284	
1118967	0.912	
1118968	0.154	
1118969	0.194	
1118970	0.741	
1118971	0.619	
1118972	0.690	
1118973	0.010	
1118974	0.421	
1118975	1.22	
1118976	0.993	
1118977	> 3.00	6.96
1118978	0.100	
1118979	0.317	
1118980	> 3.00	12.5
1118981	0.155	
1118982	0.025	
1118983	0.040	
1118984	0.026	
1118985	0.031	
1118986	0.052	
1118987	0.132	
1118988	< 0.005	
1118989	< 0.005	
1118990	0.025	
1118991	0.013	
1118992	0.041	
1118993	0.024	
1118994	0.045	
1118995	0.009	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.16
OREAS 214 Cert		3.03
OREAS 220 (Fire Assay) Meas	0.852	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.887	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.876	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.870	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.56	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
1118933 Orig	0.021	
1118933 Dup	0.018	
1118941 Orig	0.097	
1118941 Dup	0.077	
1118953 Orig	0.541	
1118953 Dup	0.637	
1118968 Orig	0.154	
1118968 Split PREP DUP	0.150	
1118968 Orig	0.156	
1118968 Dup	0.152	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118974 Orig	0.444	
1118974 Dup	0.398	
1118985 Orig	0.033	
1118985 Dup	0.029	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 11-Apr-18  
**Invoice No.:** A18-04607  
**Invoice Date:** 18-Apr-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

133 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT **A18-04607**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

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TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1118996	0.028	
1118997	0.021	
1118998	0.081	
1118999	0.042	
1119000	0.038	
1119001	0.021	
1119002	< 0.005	
1119003	0.341	
1119004	0.226	
1119005	0.019	
1119006	0.086	
1119007	0.043	
1119008	0.087	
1119009	0.133	
1119010	0.071	
1119011	0.030	
1119012	0.532	
1119013	0.394	
1119014	0.338	
1119015	0.037	
1119016	0.430	
1119017	0.774	
1119018	0.301	
1119019	0.242	
1119020	< 0.005	
1119021	0.068	
1119022	0.150	
1119023	0.114	
1119024	0.265	
1119025	1.44	
1119026	0.209	
1119027	1.38	
1119028	1.57	
1119029	> 3.00	11.5
1119030	0.189	
1119031	0.096	
1119032	0.195	
1119033	2.65	
1119034	1.06	
1119035	0.897	
1119036	1.67	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119037	0.591	
1119038	0.382	
1119039	0.313	
1119040	> 3.00	3.01
1119041	0.868	
1119042	0.282	
1119043	0.586	
1119044	0.005	
1119045	0.402	
1119046	1.80	
1119047	0.889	
1119048	0.233	
1119049	0.336	
1119050	0.418	
1119051	0.477	
1119052	0.418	
1119053	0.423	
1119054	0.415	
1119055	0.649	
1119056	1.83	
1119057	0.200	
1119058	0.247	
1119059	< 0.005	
1119060	> 3.00	5.36
1119061	< 0.005	
1119062	0.317	
1119063	1.83	
1119064	1.44	
1119065	> 3.00	8.51
1119066	> 3.00	9.64
1119067	> 3.00	23.0
1119068	< 0.005	
1119069	> 3.00	4.52
1119070	0.328	
1119071	0.943	
1119072	1.58	
1119073	> 3.00	18.9
1119074	> 3.00	3.61
1119075	> 3.00	17.5
1119076	> 3.00	18.4
1119077	0.794	
1119078	> 3.00	7.95



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119079	> 3.00	12.2
1119080	0.989	
1119081	> 3.00	6.03
1119082	> 3.00	22.3
1119083	0.768	
1119084	> 3.00	13.3
1119085	> 3.00	4.03
1119086	1.31	
1119087	0.033	
1119088	0.307	
1119089	0.534	
1119090	> 3.00	7.32
1119091	1.66	
1119092	< 0.005	
1119093	2.75	
1119094	1.05	
1119095	> 3.00	6.50
1119096	0.094	
1119097	0.838	
1119098	0.189	
1119099	0.251	
1119100	0.186	
1119101	> 3.00	4.89
1119102	0.028	
1119103	0.838	
1119104	0.076	
1119105	0.507	
1119106	0.613	
1119107	0.310	
1119108	0.585	
1119109	> 3.00	6.06
1119110	> 3.00	12.5
1119111	0.564	
1119112	> 3.00	3.49
1119113	1.56	
1119114	0.014	
1119115	0.193	
1119116	< 0.005	
1119117	0.051	
1119118	0.038	
1119119	0.038	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119120	0.140	
1119121	0.017	
1119122	0.007	
1119123	0.006	
1119124	0.007	
1119125	0.006	
1119126	0.005	
1119127	< 0.005	
1119128	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.92
OREAS 214 Cert		3.03
OREAS 214 Meas		3.22
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.49
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.88
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.829	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.852	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.885	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.881	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.873	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.901	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.53	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.59	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.64	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.65	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
1119010 Orig	0.065	
1119010 Dup	0.077	
1119017 Orig	0.753	
1119017 Dup	0.795	
1119045 Orig	0.402	
1119045 Split PREP DUP	0.291	
1119045 Orig	0.406	
1119045 Dup	0.398	
1119051 Orig	0.463	
1119051 Dup	0.491	
1119061 Orig	< 0.005	
1119061 Dup	< 0.005	
1119062 Orig	0.347	
1119062 Dup	0.286	
1119075 Orig	> 3.00	
1119075 Dup	> 3.00	
1119085 Orig	> 3.00	
1119085 Dup	> 3.00	
1119095 Orig	> 3.00	6.50
1119095 Split PREP DUP	> 3.00	6.58
1119120 Orig	0.147	
1119120 Dup	0.133	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 18-Apr-18  
**Invoice No.:** A18-05039  
**Invoice Date:** 24-Apr-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

143 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-05039**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146009	0.024	
146010	< 0.005	
146011	0.006	
146012	0.006	
146013	< 0.005	
146014	< 0.005	
146015	< 0.005	
146016	1.56	
146017	0.005	
146018	< 0.005	
146019	0.022	
146020	0.095	
146021	0.023	
146022	0.006	
146023	0.141	
146024	< 0.005	
146025	0.290	
146026	0.373	
146027	> 3.00	7.13
146028	> 3.00	4.90
146029	0.281	
146030	2.08	
146031	0.208	
146032	0.187	
146033	0.090	
146034	0.247	
146035	0.125	
146036	0.171	
146037	0.711	
146038	1.15	
146039	2.35	
146040	> 3.00	5.51
146041	1.38	
146042	> 3.00	3.35
146043	> 3.00	6.47
146044	1.64	
146045	0.126	
146046	0.073	
146047	0.559	
146048	< 0.005	
146049	> 3.00	19.2

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146050	> 3.00	5.44
146051	> 3.00	23.0
146052	1.32	
146053	0.631	
146054	0.706	
146055	0.027	
146056	0.031	
146057	0.073	
146058	0.068	
146059	0.058	
146060	0.108	
146061	< 0.005	
146062	0.300	
146063	0.108	
146064	> 3.00	12.4
146065	0.112	
146066	0.070	
146067	< 0.005	
146068	0.690	
146069	0.368	
146070	0.810	
146071	0.246	
146072	< 0.005	
146073	2.93	
146074	0.314	
146075	0.076	
146076	0.455	
146077	> 3.00	6.26
146078	0.581	
146079	0.060	
146080	0.042	
146081	0.431	
146082	0.920	
146083	0.076	
146084	0.098	
146085	0.117	
146086	0.382	
146087	0.234	
146088	0.607	
146089	0.359	
146090	0.045	
146091	0.128	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146092	1.19	
146093	1.02	
146094	0.392	
146095	0.073	
146096	< 0.005	
146097	0.138	
146098	0.087	
146099	0.036	
146100	0.258	
146101	0.078	
146102	0.333	
146103	0.062	
146104	0.084	
146105	0.447	
146106	0.067	
146107	0.013	
146108	0.057	
146109	1.42	
146110	0.112	
146111	1.30	
146112	1.72	
146113	0.051	
146114	1.71	
146115	0.097	
146116	0.231	
146117	0.201	
146118	0.589	
146119	0.330	
146120	< 0.005	
146121	0.101	
146122	0.254	
146123	0.075	
146124	0.029	
146125	0.040	
146126	0.166	
146127	0.318	
146128	0.298	
146129	0.101	
146130	0.044	
146131	0.036	
146132	1.77	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146133	0.021	
146134	0.008	
146135	0.011	
146136	> 3.00	5.25
146137	0.005	
146138	0.008	
146139	0.009	
146140	0.027	
146141	0.011	
146142	0.007	
146143	< 0.005	
146144	< 0.005	
146145	< 0.005	
146146	0.005	
146147	< 0.005	
146148	< 0.005	
146149	< 0.005	
146150	< 0.005	
146151	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.06
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.61
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.826	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.886	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.859	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.844	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.849	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.65	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.62	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.51	
OREAS 209 (Fire Assay) Cert	1.58	
146058 Orig	0.068	
146058 Split PREP DUP	0.076	
146058 Orig	0.066	
146058 Dup	0.070	
146064 Orig	> 3.00	
146064 Dup	> 3.00	
146075 Orig	0.075	
146075 Dup	0.078	
146088 Orig	0.615	
146088 Dup	0.599	
146097 Orig	0.142	
146097 Dup	0.134	
146106 Orig	0.067	
146106 Dup	0.066	
146108 Orig	0.057	
146108 Split PREP DUP	0.081	
146126 Orig	0.161	
146126 Dup	0.170	
146133 Orig	0.021	
146133 Dup	0.021	
146143 Orig	< 0.005	
146143 Dup	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	



**Date Submitted:** 25-Apr-18  
**Invoice No.:** A18-05334  
**Invoice Date:** 02-May-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

165 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-05334**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119129	0.006	
1119130	0.005	
1119131	0.019	
1119132	1.50	
1119133	0.037	
1119134	0.016	
1119135	0.041	
1119136	0.048	
1119137	0.024	
1119138	0.058	
1119139	0.015	
1119140	< 0.005	
1119141	0.016	
1119142	0.046	
1119143	0.058	
1119144	0.027	
1119145	1.17	
1119146	0.177	
1119147	0.259	
1119148	0.255	
1119149	0.020	
1119150	0.081	
1119151	0.507	
1119152	0.868	
1119153	0.129	
1119154	0.014	
1119155	0.044	
1119156	> 3.00	5.11
1119157	0.146	
1119158	0.192	
1119159	0.081	
1119160	0.245	
1119161	0.369	
1119162	0.759	
1119163	0.573	
1119164	< 0.005	
1119165	0.459	
1119166	0.364	
1119167	0.129	
1119168	0.041	
1119169	0.118	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119170	0.149	
1119171	0.040	
1119172	0.059	
1119173	0.092	
1119174	0.095	
1119175	0.043	
1119176	0.136	
1119177	0.132	
1119178	0.182	
1119179	0.317	
1119180	> 3.00	11.9
1119181	> 3.00	2.81
1119182	0.410	
1119183	0.271	
1119184	> 3.00	3.04
1119185	0.981	
1119186	0.247	
1119187	1.30	
1119188	< 0.005	
1119189	0.516	
1119190	0.759	
1119191	1.10	
1119192	0.965	
1119193	0.803	
1119194	2.32	
1119195	2.31	
1119196	2.05	
1119197	0.340	
1119198	0.484	
1119199	0.672	
1119200	0.602	
1119201	0.696	
1119202	1.14	
1119203	0.890	
1119204	0.567	
1119205	0.596	
1119206	< 0.005	
1119207	> 3.00	6.49
1119208	> 3.00	12.5
1119209	2.74	
1119210	> 3.00	8.52
1119211	0.359	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119212	< 0.005	
1119213	0.227	
1119214	1.89	
1119215	0.977	
1119216	1.72	
1119217	0.341	
1119218	0.225	
1119219	0.318	
1119220	0.384	
1119221	0.276	
1119222	1.77	
1119223	0.838	
1119224	1.44	
1119225	3.00	
1119226	0.502	
1119227	2.45	
1119228	1.58	
1119229	1.74	
1119230	> 3.00	4.28
1119231	2.02	
1119232	> 3.00	4.39
1119233	0.484	
1119234	0.067	
1119235	0.049	
1119236	< 0.005	
1119237	0.272	
1119238	0.167	
1119239	0.352	
1119240	> 3.00	2.92
1119241	0.153	
1119242	0.258	
1119243	> 3.00	14.9
1119244	> 3.00	15.2
1119245	0.092	
1119246	0.465	
1119247	0.981	
1119248	1.28	
1119249	> 3.00	4.13
1119250	0.181	
1119251	2.59	
1119252	> 3.00	5.30



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119253	0.076	
1119254	0.036	
1119255	> 3.00	9.37
1119256	0.825	
1119257	> 3.00	4.08
1119258	> 3.00	11.7
1119259	> 3.00	7.54
1119260	< 0.005	
1119261	0.140	
1119262	> 3.00	18.3
1119263	> 3.00	6.72
1119264	0.205	
1119265	> 3.00	14.1
1119266	> 3.00	3.98
1119267	> 3.00	54.1
1119268	> 3.00	47.4
1119269	> 3.00	6.41
1119270	> 3.00	6.07
1119271	0.879	
1119272	0.176	
1119273	1.74	
1119274	0.399	
1119275	1.50	
1119276	> 3.00	12.8
1119277	2.44	
1119278	> 3.00	13.9
1119279	0.342	
1119280	0.026	
1119281	0.029	
1119282	0.022	
1119283	0.018	
1119284	< 0.005	
1119285	0.006	
1119286	0.005	
1119287	0.010	
1119288	0.006	
1119289	0.005	
1119290	0.008	
1119291	< 0.005	
1119292	0.011	
1119293	0.007	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.17
OREAS 214 Cert		3.03
OREAS 214 Meas		3.08
OREAS 214 Cert		3.03
OREAS 214 Meas		3.09
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.75
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.65
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.851	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.864	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.880	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.866	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.880	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.865	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.56	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Meas	1.54	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
1119143 Orig	0.057	
1119143 Dup	0.059	
1119150 Orig	0.074	
1119150 Dup	0.088	
1119161 Orig	0.317	
1119161 Dup	0.421	
1119174 Orig	0.096	
1119174 Dup	0.094	
1119178 Orig	0.182	
1119178 Split PREP DUP	0.206	
1119211 Orig	0.369	
1119211 Dup	0.350	
1119219 Orig	0.291	
1119219 Dup	0.346	
1119227 Orig	2.45	
1119227 Split PREP DUP	2.69	
1119227 Orig	2.45	
1119229 Orig	1.76	
1119229 Dup	1.72	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119242 Orig	0.264	
1119242 Dup	0.253	
1119260 Orig	< 0.005	
1119260 Dup	< 0.005	
1119262 Orig		18.2
1119262 Dup		18.5
1119278 Orig	> 3.00	13.9
1119278 Split PREP DUP	> 3.00	12.8
1119280 Orig	0.027	
1119280 Dup	0.025	
1119287 Orig	0.011	
1119287 Dup	0.010	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	0.005	
Method Blank		< 0.02
Method Blank		< 0.02



**Date Submitted:** 02-May-18  
**Invoice No.:** A18-05693  
**Invoice Date:** 07-May-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

86 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT      **A18-05693**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119294	< 0.005	
1119295	0.026	
1119296	< 0.005	
1119297	< 0.005	
1119298	0.008	
1119299	0.023	
1119300	0.559	
1119301	0.041	
1119302	0.038	
1119303	0.019	
1119304	0.013	
1119305	0.044	
1119306	0.046	
1119307	0.247	
1119308	< 0.005	
1119309	0.168	
1119310	0.425	
1119311	0.747	
1119312	0.392	
1119313	0.292	
1119314	1.49	
1119315	0.709	
1119316	0.768	
1119317	0.360	
1119318	0.854	
1119319	0.181	
1119320	0.162	
1119321	0.308	
1119322	0.229	
1119323	0.302	
1119324	1.45	
1119325	0.438	
1119326	0.543	
1119327	1.98	
1119328	> 3.00	9.36
1119329	0.338	
1119330	0.241	
1119331	0.508	
1119332	< 0.005	
1119333	0.617	
1119334	0.306	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119335	0.587	
1119336	0.048	
1119337	0.203	
1119338	0.074	
1119339	0.184	
1119340	0.204	
1119341	0.139	
1119342	0.214	
1119343	0.291	
1119344	1.18	
1119345	0.457	
1119346	0.392	
1119347	0.102	
1119348	> 3.00	5.47
1119349	0.318	
1119350	0.045	
1119351	0.295	
1119352	0.671	
1119353	> 3.00	4.05
1119354	> 3.00	26.0
1119355	> 3.00	9.46
1119356	< 0.005	
1119357	0.171	
1119358	0.036	
1119359	0.062	
1119360	0.183	
1119361	0.163	
146152	0.057	
146153	0.025	
146154	0.018	
146155	0.010	
146156	0.022	
146157	0.009	
146158	0.044	
146159	0.005	
146160	0.006	
146161	0.051	
146162	0.350	
146163	0.143	
146164	0.062	
146165	0.083	
146166	0.157	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146167	0.041	
146168	> 3.00	12.9
146169	0.052	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.05
OREAS 214 Cert		3.03
OREAS 214 Meas		2.94
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.51
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.67
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.875	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.838	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.856	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.856	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.867	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.53	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
1119294 Orig	< 0.005	
1119294 Dup	< 0.005	
1119325 Orig	0.419	
1119325 Dup	0.456	
1119339 Orig	0.175	
1119339 Dup	0.193	
1119343 Orig	0.291	
1119343 Split PREP DUP	0.284	
1119347 Orig	0.124	
1119347 Dup	0.081	
146153 Orig	0.025	
146153 Dup	0.024	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	< 0.005	



**Date Submitted:** 09-May-18  
**Invoice No.:** A18-06114  
**Invoice Date:** 14-May-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

213 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT      **A18-06114**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119362	0.028	
1119363	0.586	
1119364	0.537	
1119365	0.035	
1119366	0.106	
1119367	0.323	
1119368	0.627	
1119369	> 3.00	5.18
1119370	0.369	
1119371	0.165	
1119372	> 3.00	12.2
1119373	0.021	
1119374	0.230	
1119375	0.028	
1119376	0.391	
1119377	0.028	
1119378	0.014	
1119379	0.008	
1119380	< 0.005	
1119381	0.006	
1119382	0.010	
1119383	0.030	
1119384	0.029	
1119385	0.535	
1119386	0.016	
1119387	0.013	
1119388	0.011	
1119389	0.007	
1119390	0.019	
1119391	0.046	
1119392	0.055	
1119393	0.213	
1119394	0.030	
1119395	0.029	
1119396	0.566	
1119397	0.090	
1119398	0.267	
1119399	0.022	
1119400	0.051	
1119401	0.108	
1119402	0.113	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119403	0.141	
1119404	< 0.005	
1119405	0.349	
1119406	0.094	
1119407	0.054	
1119408	0.018	
1119409	0.050	
1119410	0.033	
1119411	0.068	
1119412	0.071	
1119413	0.028	
1119414	0.046	
1119415	0.094	
1119416	0.021	
1119417	0.018	
1119418	0.394	
1119419	0.023	
1119420	1.62	
1119421	0.016	
1119422	0.005	
1119423	0.021	
1119424	< 0.005	
1119425	0.009	
1119426	0.061	
1119427	0.046	
1119428	< 0.005	
1119429	0.029	
1119430	< 0.005	
146170	0.095	
146171	0.056	
146172	0.040	
146173	0.038	
146174	0.074	
146175	0.081	
146176	< 0.005	
146177	0.059	
146178	0.041	
146179	0.041	
146180	0.022	
146181	0.132	
146182	0.277	
146183	0.052	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146184	0.074	
146185	0.198	
146186	0.322	
146187	0.169	
146188	0.087	
146189	0.224	
146190	0.045	
146191	0.193	
146192	0.603	
146193	0.533	
146194	1.05	
146195	0.140	
146196	0.064	
146197	0.125	
146198	0.083	
146199	0.400	
146200	< 0.005	
146201	0.011	
146202	0.062	
146203	0.114	
146204	0.176	
146205	0.076	
146206	0.036	
146207	0.016	
146208	0.016	
146209	0.037	
146210	0.055	
146211	0.102	
146212	0.169	
146213	0.518	
146214	0.282	
146215	0.159	
146216	1.60	
146217	1.13	
146218	0.535	
146219	0.320	
146220	0.142	
146221	0.142	
146222	0.232	
146223	0.134	
146224	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146225	0.015	
146226	0.187	
146227	0.042	
146228	0.042	
146229	0.059	
146230	0.032	
146231	0.073	
146232	0.092	
146233	0.161	
146234	0.047	
146235	0.153	
146236	0.038	
146237	0.069	
146238	0.027	
146239	0.005	
146240	> 3.00	5.38
146241	0.008	
146242	0.027	
146243	0.150	
146244	0.373	
146245	0.074	
146246	0.046	
146247	0.064	
146248	< 0.005	
146249	0.273	
146250	0.139	
146251	0.150	
146252	0.177	
146253	0.049	
146254	0.038	
146255	0.092	
146256	0.072	
146257	0.112	
146258	0.026	
146259	0.255	
146260	0.323	
146261	0.057	
146262	0.010	
146263	0.013	
146264	> 3.00	12.6
146265	0.204	
146266	0.028	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146267	< 0.005	
146268	0.076	
146269	0.254	
146270	0.375	
146271	0.026	
146272	< 0.005	
146273	0.537	
146274	0.467	
146275	0.488	
146276	0.030	
146277	0.549	
146278	0.510	
146279	0.400	
146280	0.398	
146281	0.157	
146282	0.087	
146283	0.275	
146284	1.39	
146285	> 3.00	5.04
146286	2.64	
146287	2.28	
146288	0.594	
146289	0.155	
146290	0.405	
146291	0.277	
146292	0.136	
146293	0.490	
146294	0.067	
146295	0.018	
146296	< 0.005	
146297	0.730	
146298	0.635	
146299	0.414	
146300	0.589	
146301	0.712	
146302	0.091	
146303	0.192	
146304	0.219	
146305	0.351	
146306	0.087	
146307	0.476	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146308	2.45	
146309	1.90	
146310	0.874	
146311	0.582	
146312	1.61	
146313	0.139	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.93
OREAS 214 Cert		3.03
OREAS 214 Meas		3.17
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.86
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.63
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.864	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.858	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.862	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.874	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.876	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.864	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.60	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.63	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.63	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.65	
OREAS 209 (Fire Assay) Cert	1.58	
1119363 Orig	0.541	
1119363 Dup	0.630	
1119383 Orig	0.031	
1119383 Dup	0.029	
1119394 Orig	0.031	
1119394 Dup	0.028	
1119411 Orig	0.068	
1119411 Split PREP DUP	0.068	
1119417 Orig	0.017	
1119417 Dup	0.018	
1119428 Orig	< 0.005	
1119428 Dup	< 0.005	
146170 Orig	0.104	
146170 Dup	0.087	
146190 Orig	0.047	
146190 Dup	0.044	
146200 Orig	< 0.005	
146200 Split	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
PREP DUP		
146201 Orig	0.010	
146201 Dup	0.012	
146225 Orig	0.013	
146225 Dup	0.016	
146236 Orig	0.035	
146236 Dup	0.042	
146250 Orig	0.139	
146250 Split PREP DUP	0.149	
146252 Orig	0.192	
146252 Dup	0.162	
146259 Orig	0.233	
146259 Dup	0.278	
146270 Orig	0.354	
146270 Dup	0.395	
146287 Orig	2.33	
146287 Dup	2.22	
146294 Orig	0.054	
146294 Dup	0.080	
146300 Orig	0.589	
146300 Split PREP DUP	0.550	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



**Date Submitted:** 14-May-18  
**Invoice No.:** A18-06256  
**Invoice Date:** 17-May-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

80 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT      **A18-06256**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146314	2.54	
146315	0.484	
146316	0.333	
146317	0.371	
146318	0.717	
146319	0.483	
146320	< 0.005	
146321	0.299	
146322	0.053	
146323	0.087	
146324	0.009	
146325	0.008	
146326	0.489	
146327	> 3.00	4.63
146328	> 3.00	3.99
146329	> 3.00	6.68
146330	0.542	
146331	0.063	
146332	0.520	
146333	0.428	
146334	0.043	
146335	0.011	
146336	> 3.00	5.87
146337	0.055	
146338	0.164	
146339	0.245	
146340	0.431	
146341	0.139	
146342	0.286	
146343	0.084	
146344	< 0.005	
146345	0.388	
146346	0.365	
146347	0.386	
146348	> 3.00	5.77
146349	> 3.00	3.64
146350	1.49	
146351	0.471	
146352	0.457	
146353	0.627	
146354	0.567	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146355	0.121	
146356	0.315	
146357	0.063	
146358	0.135	
146359	> 3.00	6.20
146360	> 3.00	12.6
146361	0.255	
146362	0.403	
146363	0.471	
146364	0.329	
146365	0.364	
146366	0.592	
146367	0.085	
146368	< 0.005	
146369	0.020	
146370	0.041	
146371	0.226	
146372	0.035	
146373	0.202	
146374	0.128	
146375	0.312	
146376	0.279	
146377	0.016	
146378	0.012	
146379	0.047	
146380	0.305	
146381	0.045	
146382	0.236	
146383	0.040	
146384	0.572	
146385	0.237	
146386	0.344	
146387	0.240	
146388	0.332	
146389	0.121	
146390	0.203	
146391	0.026	
146392	< 0.005	
146393	0.739	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.08
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.85
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.876	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.853	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.877	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.858	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.56	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.63	
OREAS 209 (Fire Assay) Cert	1.58	
146320 Orig	< 0.005	
146320 Dup	< 0.005	
146333 Orig	0.494	
146333 Dup	0.361	
146341 Orig	0.132	
146341 Dup	0.146	
146363 Orig	0.471	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146363 Split PREP DUP	0.456	
146369 Orig	0.016	
146369 Dup	0.024	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank		< 0.02



**Date Submitted:** 16-May-18  
**Invoice No.:** A18-06417  
**Invoice Date:** 24-May-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

151 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-06417**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146394	0.307	
146395	0.167	
146396	0.022	
146397	0.038	
146398	0.335	
146399	0.184	
146400	0.156	
146401	0.128	
146402	0.068	
146403	2.14	
146404	1.85	
146405	0.855	
146406	0.076	
146407	0.037	
146408	1.73	
146409	0.019	
146410	0.140	
146411	0.081	
146412	0.034	
146413	0.035	
146414	0.054	
146415	0.009	
146416	< 0.005	
146417	0.050	
146418	1.53	
146419	0.135	
146420	0.238	
146421	0.265	
146422	0.304	
146423	0.377	
146424	0.596	
146425	0.221	
146426	1.05	
146427	0.031	
146428	0.011	
146429	< 0.005	
146430	0.097	
146431	< 0.005	
146432	> 3.00	5.63
146433	0.010	
146434	0.116	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146435	< 0.005	
146436	0.011	
146437	0.015	
146438	< 0.005	
146439	< 0.005	
146440	< 0.005	
146441	0.006	
146442	0.098	
146443	0.066	
146444	0.058	
1119431	0.025	
1119432	0.035	
1119433	0.054	
1119434	0.113	
1119435	0.050	
1119436	0.064	
1119437	0.018	
1119438	0.033	
1119439	0.082	
1119440	0.016	
1119441	0.009	
1119442	< 0.005	
1119443	0.137	
1119444	> 3.00	5.25
1119445	0.305	
1119446	0.186	
1119447	0.167	
1119448	0.109	
1119449	0.071	
1119450	0.137	
1119451	0.105	
1119452	< 0.005	
1119453	0.480	
1119454	0.139	
1119455	0.318	
1119456	0.105	
1119457	0.045	
1119458	0.104	
1119459	0.095	
1119460	0.070	
1119461	0.059	
1119462	0.030	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119463	0.040	
1119464	1.20	
1119465	1.54	
1119466	0.058	
1119467	0.063	
1119468	> 3.00	12.7
1119469	0.052	
1119470	0.092	
1119471	0.161	
1119472	0.038	
1119473	0.010	
1119474	0.029	
1119475	0.031	
1119476	< 0.005	
1119477	0.048	
1119478	0.031	
1119479	0.065	
1119480	0.028	
1119481	0.067	
1119482	0.015	
1119483	0.045	
1119484	0.060	
1119485	0.036	
1119486	0.144	
1119487	0.011	
1119488	0.053	
1119489	0.125	
1119490	0.418	
1119491	0.022	
1119492	0.596	
1119493	0.011	
1119494	0.036	
1119495	0.033	
1119496	0.031	
1119497	0.846	
1119498	0.764	
1119499	1.31	
1119500	< 0.005	
1119501	1.18	
1119502	0.087	
1119503	0.082	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119504	0.026	
1119505	0.124	
1119506	0.007	
1119507	< 0.005	
1119508	0.005	
1119509	0.010	
1119510	0.011	
1119511	0.027	
1119512	0.039	
1119513	0.018	
1119514	0.006	
1119515	0.006	
1119516	1.50	
1119517	0.018	
1119518	0.121	
1119519	0.010	
1119520	0.026	
1119521	0.024	
1119522	0.096	
1119523	0.039	
1119524	< 0.005	
1119525	0.037	
1119526	0.099	
1119527	0.106	
1119528	0.118	
1119529	0.853	
1119530	> 3.00	3.64

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.11
OREAS 214 Cert		3.03
OREAS 214 Meas		3.17
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.88
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.51
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.845	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.865	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.846	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.892	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.847	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.843	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.54	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
146404 Orig	1.86	
146404 Dup	1.84	
146413 Orig	0.033	
146413 Dup	0.038	
146422 Orig	0.255	
146422 Dup	0.353	
146435 Orig	0.006	
146435 Dup	< 0.005	
146443 Orig	0.066	
146443 Split PREP DUP	0.050	
1119469 Orig	0.050	
1119469 Dup	0.053	
1119474 Orig	0.025	
1119474 Dup	0.033	
1119479 Orig	0.065	
1119479 Split PREP DUP	0.075	
1119489 Orig	0.125	
1119489 Dup	0.126	
1119502 Orig	0.089	
1119502 Dup	0.085	
1119510 Orig	0.013	
1119510 Dup	0.009	
1119528 Orig	0.129	
1119528 Dup	0.108	
1119529 Orig	0.853	
1119529 Split PREP DUP	0.779	
Method Blank	< 0.005	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



**Date Submitted:** 22-May-18  
**Invoice No.:** A18-06726  
**Invoice Date:** 08-Jun-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

155 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT      **A18-06726**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with loops and is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146445	< 0.005	
146446	0.005	
146447	0.005	
146448	0.006	
146449	< 0.005	
146450	0.006	
146451	0.005	
146452	0.015	
146453	0.009	
146454	0.007	
146455	0.005	
146456	> 3.00	12.5
146457	0.020	
146458	0.017	
146459	0.196	
146460	0.990	
146461	0.175	
146462	0.082	
146463	0.206	
146464	< 0.005	
146465	0.047	
146466	0.035	
146467	0.533	
146468	0.038	
146469	0.010	
146470	0.031	
146471	0.057	
146472	0.021	
146473	0.032	
146474	0.042	
146475	0.016	
146476	0.270	
1119531	0.670	
1119532	0.653	
1119533	0.438	
1119534	0.106	
1119535	0.062	
1119536	0.016	
1119537	0.031	
1119538	0.115	
1119539	0.122	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119540	> 3.00	5.31
1119541	0.091	
1119542	0.171	
1119543	0.100	
1119544	0.041	
1119545	0.089	
1119546	0.103	
1119547	0.059	
1119548	< 0.005	
1119549	0.016	
1119550	0.123	
1119551	1.53	
1119552	2.59	
1119553	1.35	
1119554	0.178	
1119555	0.115	
1119556	0.114	
1119557	0.198	
1119558	0.397	
1119559	0.599	
1119560	0.016	
1119561	0.016	
1119562	0.020	
1119563	0.009	
1119564	> 3.00	11.8
1119565	0.009	
1119566	0.006	
1119567	0.013	
1119568	0.011	
1119569	0.009	
1119570	0.011	
1119571	0.024	
1119572	< 0.005	
1119573	0.013	
1119574	0.011	
1119575	0.006	
1119576	0.008	
1119577	0.009	
1119578	0.006	
1119579	< 0.005	
1119580	< 0.005	
1119581	0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119582	0.016	
1119583	0.019	
1119584	1.09	
1119585	0.807	
1119586	0.115	
1119587	0.013	
1119588	0.593	
1119589	0.009	
1119590	0.224	
1119591	0.927	
1119592	1.67	
1119593	0.553	
1119594	0.274	
1119595	0.306	
1119596	< 0.005	
1119597	1.32	
1119598	0.874	
1119599	> 3.00	8.68
1119600	0.392	
1119601	0.107	
1119602	0.332	
1119603	0.265	
1119604	0.434	
1119605	2.05	
1119606	0.925	
1119607	0.791	
1119608	0.940	
1119609	0.605	
1119610	0.790	
1119611	1.57	
1119612	1.54	
1119613	0.260	
1119614	1.14	
1119615	0.483	
1119616	1.26	
1119617	0.736	
1119618	0.340	
1119619	> 3.00	4.28
1119620	< 0.005	
1119621	0.153	
1119622	0.041	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119623	0.061	
1119624	0.041	
1119625	0.291	
1119626	0.511	
1119627	0.385	
1119628	0.325	
1119629	1.27	
1119630	0.740	
1119631	0.654	
1119632	0.787	
1119633	0.400	
1119634	0.550	
1119635	0.482	
1119636	> 3.00	5.15
1119637	0.715	
1119638	0.553	
1119639	0.576	
1119640	0.029	
1119641	0.146	
1119642	0.778	
1119643	0.059	
1119644	< 0.005	
1119645	0.043	
1119646	0.085	
1119647	0.015	
1119648	0.052	
1119649	0.026	
1119650	0.018	
1119651	0.014	
1119652	0.014	
1119653	0.006	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.03
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.59
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.897	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.882	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.889	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.898	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.62	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.65	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.67	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.66	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146445 Orig	< 0.005	
146445 Dup	< 0.005	
146465 Orig	0.048	
146465 Dup	0.046	
146476 Orig	0.281	
146476 Dup	0.259	
1119534 Orig	0.110	
1119534 Dup	0.102	
1119548 Orig	< 0.005	
1119548 Split PREP DUP	< 0.005	
1119553 Orig	1.34	
1119553 Dup	1.36	
1119582 Orig	0.016	
1119582 Dup	0.016	
1119589 Orig	0.010	
1119589 Dup	0.009	
1119598 Orig	0.874	
1119598 Split PREP DUP	0.898	
1119599 Orig	> 3.00	
1119599 Dup	> 3.00	
1119623 Orig	0.071	
1119623 Dup	0.050	
1119647 Orig	0.018	
1119647 Dup	0.013	
1119648 Orig	0.052	
1119648 Split PREP DUP	0.040	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank		< 0.02





**Date Submitted:** 23-May-18  
**Invoice No.:** A18-06728  
**Invoice Date:** 04-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

316 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-06728**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

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TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146477	0.133	
146478	0.205	
146479	0.553	
146480	0.594	
146481	0.138	
146482	0.208	
146483	0.034	
146484	0.050	
146485	> 3.00	6.02
146486	0.008	
146487	0.020	
146488	< 0.005	
146489	0.101	
146490	0.035	
146491	0.127	
146492	0.385	
146493	2.45	
146494	0.021	
146495	0.034	
146496	0.038	
146497	0.022	
146498	0.503	
146499	0.531	
146500	< 0.005	
146501	0.037	
146502	0.153	
146503	1.31	
146504	1.51	
146505	> 3.00	6.02
146506	0.583	
146507	0.102	
146508	0.052	
146509	0.438	
146510	0.224	
146511	0.021	
146512	< 0.005	
146513	1.21	
146514	0.044	
146515	0.088	
146516	0.050	
146517	0.029	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146518	0.007	
146519	0.019	
146520	0.044	
146521	0.010	
146522	0.026	
146523	0.014	
146524	0.054	
146525	0.006	
146526	< 0.005	
146527	< 0.005	
146528	> 3.00	5.33
146529	0.005	
146530	0.024	
146531	0.060	
146532	0.043	
146533	0.005	
146534	0.017	
146535	0.006	
146536	< 0.005	
146537	0.022	
146538	0.022	
146539	0.022	
146540	0.023	
146541	0.025	
146542	0.009	
146543	0.012	
146544	0.016	
146545	0.024	
146546	0.013	
146547	0.012	
146548	0.013	
146549	0.017	
146550	0.028	
146551	0.014	
146552	> 3.00	11.9
146553	0.011	
146554	0.009	
146555	0.010	
146556	0.006	
146557	0.008	
146558	0.011	
146559	0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146560	< 0.005	
146561	0.006	
146562	0.011	
146563	0.019	
146564	0.007	
146565	< 0.005	
146566	0.008	
146567	0.007	
146568	0.009	
146569	0.006	
146570	0.005	
146571	0.010	
146572	0.011	
146573	0.007	
146574	0.012	
146575	0.019	
146576	0.541	
146577	0.018	
146578	0.022	
146579	0.010	
146580	0.005	
146581	0.009	
146582	0.009	
146583	0.008	
146584	< 0.005	
146585	0.016	
146586	0.037	
146587	0.183	
146588	0.751	
146589	0.103	
146590	0.266	
146591	0.062	
146592	0.045	
146593	0.042	
146594	0.017	
146595	0.018	
146596	0.053	
146597	0.801	
146598	0.615	
146599	2.96	
146600	1.52	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146601	> 3.00	3.48
146602	0.012	
146603	0.015	
146604	0.025	
146605	0.021	
146606	0.096	
146607	0.012	
146608	< 0.005	
146609	0.009	
146610	0.010	
146611	0.026	
146612	0.007	
146613	0.008	
146614	0.017	
146615	0.007	
146616	0.009	
146617	0.167	
1119654	0.034	
1119655	0.075	
1119656	0.028	
1119657	0.024	
1119658	0.052	
1119659	0.134	
1119660	> 3.00	11.8
1119661	0.030	
1119662	0.020	
1119663	0.023	
1119664	0.021	
1119665	0.025	
1119666	0.026	
1119667	0.034	
1119668	< 0.005	
1119669	0.124	
1119670	0.194	
1119671	0.106	
1119672	0.034	
1119673	0.059	
1119674	0.069	
1119675	0.035	
1119676	0.032	
1119677	0.098	
1119678	0.057	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119679	0.212	
1119680	0.574	
1119681	0.176	
1119682	0.019	
1119683	0.053	
1119684	0.540	
1119685	0.130	
1119686	0.040	
1119687	0.246	
1119688	0.064	
1119689	0.043	
1119690	0.054	
1119691	0.171	
1119692	< 0.005	
1119693	0.240	
1119694	0.116	
1119695	0.139	
1119696	1.12	
1119697	0.320	
1119698	0.111	
1119699	0.005	
1119700	< 0.005	
1119701	0.090	
1119702	0.168	
1119703	0.119	
1119704	0.060	
1119705	0.035	
1119706	0.380	
1119707	0.132	
1119708	1.52	
1119709	0.162	
1119710	0.100	
1119711	0.108	
1119712	0.170	
1119713	0.486	
1119714	0.131	
1119715	0.077	
1119716	< 0.005	
1119717	0.267	
1119718	0.253	
1119719	0.210	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119720	0.129	
1119721	0.224	
1119722	0.145	
1119723	0.249	
1119724	0.248	
1119725	0.134	
1119726	1.21	
1119727	0.308	
1119728	0.108	
1119729	0.029	
1119730	0.237	
1119731	0.196	
1119732	> 3.00	4.90
1119733	0.278	
1119734	2.65	
1119735	0.144	
1119736	0.051	
1119737	0.066	
1119738	0.636	
1119739	0.594	
1119740	< 0.005	
1119741	0.131	
1119742	0.102	
1119743	0.345	
1119744	1.92	
1119745	0.651	
1119746	> 3.00	4.37
1119747	> 3.00	5.47
1119748	> 3.00	5.32
1119749	0.641	
1119750	0.075	
1119751	0.182	
1119752	0.059	
1119753	0.068	
1119754	0.150	
1119755	0.230	
1119756	> 3.00	12.2
1119757	1.04	
1119758	1.70	
1119759	1.85	
1119760	0.128	
1119761	0.036	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119762	0.068	
1119763	0.595	
1119764	< 0.005	
1119765	0.065	
1119766	0.235	
1119767	0.030	
1119768	0.072	
1119769	0.285	
1119770	0.204	
1119771	0.351	
1119772	0.283	
1119773	0.180	
1119774	0.492	
1119775	0.096	
1119776	0.517	
1119777	0.324	
1119778	1.13	
1119779	1.66	
1119780	0.548	
1119781	0.218	
1119782	0.146	
1119783	0.255	
1119784	1.01	
1119785	0.294	
1119786	0.102	
1119787	0.133	
1119788	< 0.005	
1119789	0.090	
1119790	0.052	
1119791	0.011	
1119792	0.010	
1119793	0.026	
1119794	0.014	
1119795	0.012	
1119796	0.011	
1119797	0.009	
1119798	0.006	
1119799	0.007	
1119800	0.010	
1119801	0.005	
1119802	< 0.005	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119803	0.007	
1119804	1.50	
1119805	0.014	
1119806	0.038	
1119807	0.114	
1119808	0.068	
1119809	1.30	
1119810	0.968	
1119811	0.903	
1119812	0.005	
1119813	1.41	
1119814	0.149	
1119815	0.106	
1119816	0.244	
1119817	0.692	
1119818	0.290	
1119819	0.215	
1119820	0.211	
1119821	0.410	
1119822	0.379	
1119823	0.091	
1119824	0.118	
1119825	0.523	
1119826	2.44	
1119827	0.358	
1119828	> 3.00	5.37

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.97
OREAS 214 Cert		3.03
OREAS 214 Meas		3.08
OREAS 214 Cert		3.03
OREAS 214 Meas		3.00
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.80
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.66
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.851	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.852	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.842	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.845	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.859	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.849	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.908	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.867	
OREAS 220 (Fire Assay) Cert	0.866	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 220 (Fire Assay) Meas	0.851	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.50	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.51	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.56	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.53	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
146487 Orig	0.021	
146487 Dup	0.019	
146496 Orig	0.042	
146496 Dup	0.033	
146505 Orig	> 3.00	
146505 Dup	> 3.00	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146526 Orig	< 0.005	
146526 Split PREP DUP	< 0.005	
146526 Orig	< 0.005	
146526 Dup	< 0.005	
146532 Orig	0.046	
146532 Dup	0.039	
146542 Orig	0.008	
146542 Dup	0.009	
146546 Orig	0.013	
146546 Dup	0.013	
146566 Orig	0.008	
146566 Dup	0.007	
146577 Orig	0.018	
146577 Split PREP DUP	0.020	
146577 Orig	0.019	
146577 Dup	0.017	
146582 Orig	0.008	
146582 Dup	0.009	
146594 Orig	0.010	
146594 Dup	0.024	
146601 Orig	> 3.00	
146601 Dup	> 3.00	
146615 Orig	0.006	
146615 Dup	0.009	
1119662 Orig	0.020	
1119662 Split PREP DUP	0.027	
1119670 Orig	0.185	
1119670 Dup	0.202	
1119681 Orig	0.165	
1119681 Dup	0.188	
1119695 Orig	0.146	
1119695 Dup	0.131	
1119704 Orig	0.050	
1119704 Dup	0.070	
1119712 Orig	0.170	
1119712 Split PREP DUP	0.163	
1119712 Split PREP DUP	0.163	
1119733 Orig	0.297	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119733 Dup	0.260	
1119739 Orig	0.589	
1119739 Dup	0.599	
1119751 Orig	0.175	
1119751 Dup	0.189	
1119762 Orig	0.068	
1119762 Split PREP DUP	0.069	
1119763 Orig	0.601	
1119763 Dup	0.590	
1119772 Orig	0.282	
1119772 Dup	0.284	
1119781 Orig	0.229	
1119781 Dup	0.207	
1119802 Orig	< 0.005	
1119802 Dup	< 0.005	
1119809 Orig	1.28	
1119809 Dup	1.33	
1119812 Orig	0.005	
1119812 Split PREP DUP	< 0.005	
1119819 Orig	0.231	
1119819 Dup	0.198	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.006	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.014	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank		< 0.02



**Date Submitted:** 28-May-18  
**Invoice No.:** A18-07065  
**Invoice Date:** 14-Jun-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

145 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT      **A18-07065**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146618	2.65	
146619	0.038	
146620	0.022	
146621	0.031	
146622	0.015	
146623	0.017	
146624	> 3.00	5.23
146625	0.032	
146626	0.033	
146627	0.252	
146628	0.044	
146629	0.149	
146630	0.011	
146631	0.170	
146632	0.005	
146633	0.039	
146634	0.014	
146635	0.010	
146636	0.042	
146637	0.010	
146638	0.037	
146639	0.051	
146640	0.049	
146641	0.018	
146642	0.008	
146643	0.005	
146644	0.005	
146645	0.007	
146646	0.133	
146647	0.012	
146648	> 3.00	12.4
146649	0.007	
146650	0.006	
146651	0.010	
146652	0.006	
146653	0.005	
146654	0.011	
146655	0.836	
146656	< 0.005	
146657	0.013	
146658	< 0.005	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146659	< 0.005	
146660	0.013	
146661	0.024	
146662	0.072	
146663	0.040	
146664	0.033	
146665	0.011	
146666	0.036	
146667	0.049	
146668	0.010	
146669	0.028	
146670	0.070	
146671	0.164	
146672	0.615	
146673	0.020	
146674	0.032	
146675	0.044	
146676	0.014	
146677	0.031	
146678	0.042	
146679	0.030	
146680	< 0.005	
146681	0.007	
146682	0.020	
146683	0.089	
146684	0.037	
146685	0.026	
146686	0.035	
146687	0.033	
146688	0.022	
146689	0.050	
146690	0.014	
146691	0.026	
146692	0.021	
146693	0.020	
146694	0.010	
146695	0.022	
146696	1.58	
146697	0.025	
146698	0.047	
146699	0.101	
146700	0.031	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146701	0.017	
146702	0.026	
146703	0.045	
146704	< 0.005	
146705	0.068	
1119829	0.025	
1119830	0.082	
1119831	0.022	
1119832	0.542	
1119833	0.053	
1119834	0.145	
1119835	0.031	
1119836	< 0.005	
1119837	0.034	
1119838	< 0.005	
1119839	0.022	
1119840	0.014	
1119841	0.044	
1119842	0.045	
1119843	0.193	
1119844	0.165	
1119845	0.159	
1119846	0.072	
1119847	0.183	
1119848	0.031	
1119849	0.076	
1119850	0.055	
1119851	0.130	
1119852	> 3.00	12.2
1119853	0.194	
1119854	0.059	
1119855	0.040	
1119856	0.036	
1119857	0.099	
1119858	0.268	
1119859	0.330	
1119860	< 0.005	
1119861	0.046	
1119862	0.070	
1119863	0.390	
1119864	0.027	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119865	0.081	
1119866	0.342	
1119867	0.080	
1119868	0.061	
1119869	0.038	
1119870	0.164	
1119871	0.210	
1119872	0.020	
1119873	0.023	
1119874	0.020	
1119875	0.150	
1119876	0.567	
1119877	0.033	
1119878	0.148	
1119879	0.046	
1119880	0.053	
1119881	0.023	
1119882	0.045	
1119883	0.035	
1119884	< 0.005	
1119885	0.043	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.03
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.76
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.857	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.878	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.837	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.834	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.852	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.868	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.876	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.50	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.53	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
146633 Orig	0.045	
146633 Dup	0.033	
146650 Orig	0.006	
146650 Dup	0.006	
146663 Orig	0.034	
146663 Dup	0.045	
146667 Orig	0.049	
146667 Split PREP DUP	0.046	
146671 Orig	0.141	
146671 Dup	0.186	
146681 Orig	0.009	
146681 Dup	0.005	
146687 Dup	0.033	
1119830 Orig	0.080	
1119830 Dup	0.084	
1119840 Orig	0.014	
1119840 Split PREP DUP	0.014	
1119840 Split PREP DUP	0.014	
1119864 Orig	0.028	
1119864 Dup	0.025	
1119868 Orig	0.073	
1119868 Dup	0.050	
1119875 Orig	0.141	
1119875 Dup	0.159	
Method Blank	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	



**Date Submitted:** 30-May-18  
**Invoice No.:** A18-07066  
**Invoice Date:** 03-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

81 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-07066**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized and somewhat abstract, with overlapping loops and lines.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146706	0.058	
146707	0.027	
146708	0.023	
146709	0.035	
146710	0.042	
146711	0.028	
146712	0.034	
146713	0.036	
146714	0.013	
146715	0.011	
146716	0.068	
146717	0.009	
146718	0.008	
146719	0.012	
146720	> 3.00	5.57
146721	0.009	
146722	0.033	
146723	0.013	
146724	0.019	
146725	0.044	
146726	0.511	
146727	0.082	
146728	< 0.005	
146729	0.022	
146730	0.036	
146731	> 3.00	7.93
146732	0.086	
146733	0.031	
146734	0.046	
146735	0.066	
146736	0.050	
146737	0.073	
146738	0.013	
146739	0.009	
146740	0.006	
146741	0.508	
146742	0.047	
146743	0.008	
146744	> 3.00	12.5
146745	0.014	
146746	0.022	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146747	0.029	
146748	1.05	
146749	0.038	
146750	0.092	
146751	0.025	
146752	< 0.005	
146753	0.093	
146754	0.025	
146755	0.015	
146756	0.010	
146757	0.009	
146758	0.023	
146759	< 0.005	
146760	< 0.005	
146761	0.008	
146762	< 0.005	
146763	0.007	
146764	0.005	
146765	0.011	
146766	0.007	
146767	0.024	
146768	0.526	
146769	0.010	
146770	0.022	
1119886	0.015	
1119887	0.012	
1119888	0.020	
1119889	0.035	
1119890	0.106	
1119891	0.030	
1119892	0.046	
1119893	0.011	
1119894	0.016	
1119895	0.023	
1119896	0.059	
1119897	0.044	
1119898	0.121	
1119899	0.032	
1119900	1.57	
1119901	0.054	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.98
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.69
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.863	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.847	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.839	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
146712 Orig	0.048	
146712 Dup	0.019	
146725 Orig	0.039	
146725 Dup	0.049	
146731 Orig	> 3.00	
146731 Dup	> 3.00	
146755 Orig	0.015	
146755 Split PREP DUP	0.013	
146755 Orig	0.014	
146755 Dup	0.016	
146761 Orig	0.007	
146761 Dup	0.008	
1119887 Orig	0.010	
1119887 Dup	0.013	
1119901 Orig	0.051	
1119901 Dup	0.057	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 06-Jun-18  
**Invoice No.:** A18-07435  
**Invoice Date:** 06-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

226 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Tbay Au - Fire Assay AA

REPORT      **A18-07435**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6  
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346001	1.42	
346002	0.327	
346003	0.025	
346004	< 0.005	
346005	0.082	
346006	0.087	
346007	0.028	
346008	0.053	
346009	0.095	
346010	0.254	
346011	0.405	
346012	0.386	
346013	0.596	
346014	0.942	
346015	0.177	
346016	0.086	
346017	0.356	
346018	0.005	
346019	0.077	
346020	> 3.00	5.53
346021	0.431	
346022	0.173	
346023	0.159	
346024	0.026	
346025	0.018	
346026	0.018	
346027	0.011	
346028	< 0.005	
346029	0.008	
346030	0.010	
346031	0.006	
346032	< 0.005	
346033	0.005	
346034	0.051	
346035	0.127	
346036	0.108	
346037	0.154	
346038	0.298	
346039	1.04	
346040	0.383	
346041	0.020	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346042	0.428	
346043	0.412	
346044	> 3.00	12.8
346045	0.184	
346046	0.186	
346047	0.152	
346048	0.117	
346049	1.21	
346050	0.013	
346051	0.494	
346052	< 0.005	
346053	0.447	
346054	0.015	
346055	0.497	
346056	0.127	
346057	0.388	
346058	0.445	
346059	0.174	
346060	0.157	
346061	0.433	
346062	0.620	
346063	> 3.00	4.09
346064	0.709	
346065	1.61	
346066	0.799	
346067	1.41	
346068	0.564	
346069	0.936	
346070	0.110	
346071	0.188	
346072	0.073	
346073	0.289	
346074	1.01	
346075	0.362	
346076	< 0.005	
346077	2.18	
346078	0.417	
346079	1.39	
346080	0.177	
346081	> 3.00	12.2
346082	0.429	
346083	0.106	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346084	0.096	
346085	0.857	
346086	1.65	
346087	0.617	
346088	0.820	
346089	1.31	
346090	1.51	
346091	0.745	
346092	1.70	
346093	0.178	
346094	0.393	
346095	0.343	
346096	0.216	
346097	0.636	
346098	0.134	
346099	0.132	
346100	< 0.005	
346101	1.54	
346102	1.38	
346103	0.897	
346104	1.59	
346105	0.669	
346106	0.290	
346107	1.30	
346108	1.37	
346109	0.213	
346110	0.518	
346111	0.506	
346112	0.215	
346113	0.602	
346114	0.112	
346115	0.361	
346116	> 3.00	5.06
346117	0.037	
346118	0.048	
346119	0.056	
346120	0.087	
346121	0.031	
346122	0.053	
346123	0.009	
346124	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346125	0.027	
346126	0.034	
346127	0.137	
1119902	0.550	
1119903	0.092	
1119904	0.029	
1119905	0.072	
1119906	0.014	
1119907	0.153	
1119908	< 0.005	
1119909	0.115	
1119910	0.073	
1119911	0.012	
1119912	0.063	
1119913	0.079	
1119914	0.056	
1119915	0.018	
1119916	0.020	
1119917	0.189	
1119918	0.057	
1119919	< 0.005	
1119920	0.088	
1119921	0.066	
1119922	0.025	
1119923	0.034	
1119924	> 3.00	5.23
1119925	0.033	
1119926	0.140	
1119927	0.095	
1119928	0.019	
1119929	0.023	
1119930	0.078	
1119931	0.069	
1119932	< 0.005	
1119933	0.083	
1119934	0.077	
1119935	0.056	
1119936	0.067	
1119937	0.033	
1119938	0.112	
1119939	0.023	
1119940	0.046	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119941	0.103	
1119942	0.235	
1119943	0.127	
1119944	0.020	
1119945	0.038	
1119946	0.015	
1119947	0.159	
1119948	> 3.00	11.6
1119949	0.102	
1119950	0.875	
1119951	0.456	
1119952	0.631	
1119953	0.412	
1119954	0.219	
1119955	0.604	
1119956	< 0.005	
1119957	2.20	
1119958	0.259	
1119959	0.359	
1119960	> 3.00	13.2
1119961	0.420	
1119962	0.610	
1119963	0.053	
1119964	0.054	
1119965	0.119	
1119966	0.008	
1119967	2.92	
1119968	2.77	
1119969	> 3.00	10.3
1119970	0.612	
1119971	0.141	
1119972	0.577	
1119973	0.021	
1119974	0.102	
1119975	0.625	
1119976	0.608	
1119977	0.157	
1119978	0.088	
1119979	0.097	
1119980	< 0.005	
1119981	0.141	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1119982	0.117	
1119983	0.455	
1119984	0.571	
1119985	1.33	
1119986	1.36	
1119987	0.379	
1119988	0.347	
1119989	0.006	
1119990	0.008	
1119991	0.007	
1119992	0.373	
1119993	0.259	
1119994	0.083	
1119995	0.066	
1119996	1.48	
1119997	0.021	
1119998	0.043	
1119999	0.091	
1120000	0.039	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.90	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.99	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.38
OREAS 216 (Fire Assay) Cert		6.66
OREAS 218 Meas	0.520	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.537	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.554	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.565	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.551	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.556	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.557	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.556	
OREAS 218 Cert	0.531	
OREAS 215 (Fire Assay) Meas		3.39
OREAS 215 (Fire Assay) Cert		3.54
346013 Orig	0.572	
346013 Dup	0.620	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346024 Orig	0.027	
346024 Dup	0.025	
346034 Orig	0.049	
346034 Dup	0.053	
346050 Orig	0.013	
346050 Split PREP DUP	0.022	
346051 Orig	0.494	
346051 Dup	0.495	
346060 Orig	0.157	
346060 Dup	0.158	
346079 Orig	1.40	
346079 Dup	1.38	
346081 Orig		12.3
346081 Dup		12.1
346089 Orig	1.24	
346089 Dup	1.38	
346099 Orig	0.124	
346099 Dup	0.140	
346100 Orig	< 0.005	
346100 Split PREP DUP	< 0.005	
346123 Orig	0.009	
346123 Dup	0.010	
1119907 Orig	0.143	
1119907 Dup	0.162	
1119925 Orig	0.033	
1119925 Dup	0.033	
1119935 Orig	0.054	
1119935 Dup	0.057	
1119945 Orig	0.041	
1119945 Dup	0.036	
1119946 Orig	0.013	
1119946 Dup	0.016	
1119974 Orig	0.102	
1119974 Split PREP DUP	0.123	
1119979 Orig	0.107	
1119979 Dup	0.087	
1119990 Orig	0.008	
1119990 Dup	0.007	
1120000 Orig	0.037	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
1120000 Dup	0.041	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	



**Date Submitted:** 11-Jun-18  
**Invoice No.:** A18-07532  
**Invoice Date:** 05-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

84 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Tbay Au - Fire Assay AA

REPORT **A18-07532**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6  
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346128	0.028	
346129	0.029	
346130	0.019	
346131	0.013	
346132	0.016	
346133	0.021	
346134	0.033	
346135	0.134	
346136	0.021	
346137	0.065	
346138	0.084	
346139	0.080	
346140	> 3.00	12.4
346141	0.030	
346142	0.620	
346143	0.035	
346144	0.029	
346145	0.139	
346146	0.094	
346147	0.195	
346148	< 0.005	
346149	0.244	
346150	0.095	
346151	0.063	
346152	0.158	
346153	0.238	
346154	0.051	
346155	0.157	
346156	0.155	
346157	0.109	
346158	0.202	
346159	0.196	
346160	0.144	
346161	0.110	
346162	0.115	
346163	0.052	
346164	0.546	
346165	0.056	
346166	0.061	
346167	0.091	
146771	0.008	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146772	0.006	
146773	0.018	
146774	< 0.005	
146775	0.008	
146776	< 0.005	
146777	0.009	
146778	0.046	
146779	0.008	
146780	0.009	
146781	0.008	
146782	0.006	
146783	0.008	
146784	0.005	
146785	1.25	
146786	> 3.00	3.36
146787	0.492	
146788	2.24	
146789	1.31	
146790	2.43	
146791	0.347	
146792	1.65	
146793	0.587	
146794	> 3.00	9.34
146795	0.072	
146796	0.144	
146797	0.053	
146798	0.188	
146799	0.112	
146800	< 0.005	
146801	0.026	
146802	0.006	
146803	0.170	
146804	0.158	
146805	0.279	
146806	0.229	
146807	0.018	
146808	0.026	
146809	0.533	
146810	0.042	
146811	0.131	
146812	0.037	
146813	0.063	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146814	0.296	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.89	
OREAS 214 Cert	3.03	
OREAS 214 Meas	3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.98	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.89
OREAS 216 (Fire Assay) Cert		6.66
OREAS 218 Meas	0.528	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.536	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.532	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.532	
OREAS 218 Cert	0.531	
OREAS 215 (Fire Assay) Meas		3.46
OREAS 215 (Fire Assay) Cert		3.54
346137 Orig	0.073	
346137 Dup	0.056	
346147 Orig	0.185	
346147 Dup	0.205	
346157 Orig	0.117	
346157 Dup	0.102	
146775 Orig	0.007	
146775 Dup	0.008	
146780 Orig	0.009	
146780 Split PREP DUP	0.007	
146784 Orig	0.005	
146784 Dup	0.006	
146794 Orig	> 3.00	8.69
146794 Dup	> 3.00	9.99
146809 Orig	0.493	
146809 Dup	0.573	
Method Blank	< 0.005	
Method Blank	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	



**Date Submitted:** 13-Jun-18  
**Invoice No.:** A18-07719  
**Invoice Date:** 09-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

293 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Tbay Au - Fire Assay AA

REPORT      **A18-07719**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

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Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346168	0.016	
346169	0.025	
346170	0.017	
346171	0.020	
346172	< 0.005	
346173	0.059	
346174	0.028	
346175	0.027	
346176	0.013	
346177	0.010	
346178	0.048	
346179	0.132	
346180	0.169	
346181	0.224	
346182	0.031	
346183	0.008	
346184	0.088	
346185	0.058	
346186	0.005	
346187	0.007	
346188	1.73	
346189	0.243	
346190	0.075	
346191	0.052	
346192	0.014	
346193	0.049	
346194	0.040	
346195	0.045	
346196	< 0.005	
346197	0.046	
346198	0.009	
346199	0.119	
346200	0.165	
346201	0.068	
346202	0.033	
346203	0.092	
346204	0.055	
346205	< 0.005	
346206	0.038	
346207	0.048	
346208	0.162	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346209	0.146	
346210	0.070	
346211	0.239	
346212	> 3.00	5.30
346213	0.658	
346214	0.321	
346215	0.150	
346216	0.410	
346217	0.342	
346218	0.058	
346219	0.098	
346220	< 0.005	
346221	0.085	
346222	0.042	
346223	0.013	
346224	0.034	
346225	0.189	
346226	0.139	
346227	2.73	
346228	2.14	
346229	0.155	
346230	0.421	
346231	0.243	
346232	0.176	
346233	0.201	
346234	0.115	
346235	0.075	
346236	> 3.00	11.7
346237	0.119	
346238	0.050	
346239	0.109	
346240	0.089	
346241	0.253	
346242	0.154	
346243	0.053	
346244	< 0.005	
346245	0.050	
346246	0.421	
346247	0.690	
346248	0.027	
346249	0.100	
346250	0.058	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346251	0.219	
346252	0.221	
346253	0.259	
346254	0.192	
346255	0.041	
346256	0.168	
346257	0.058	
346258	0.078	
346259	0.013	
346260	0.547	
346261	0.006	
346262	0.017	
346263	0.016	
346264	0.008	
346265	< 0.005	
346266	0.005	
346267	0.007	
346268	< 0.005	
346269	0.210	
346270	0.104	
346271	0.123	
346272	0.089	
346273	0.243	
346274	2.22	
346275	0.825	
346276	0.782	
346277	0.171	
346278	0.881	
346279	0.260	
346280	0.117	
346281	0.034	
346282	0.250	
346283	0.326	
346284	1.59	
346285	0.124	
346286	0.022	
346287	0.157	
346288	0.017	
346289	0.018	
346290	0.582	
346291	0.208	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346292	< 0.005	
346293	0.041	
346294	0.183	
346295	0.126	
146815	0.235	
146816	> 3.00	4.89
146817	1.89	
146818	0.130	
146819	0.043	
146820	0.026	
146821	2.47	
146822	> 3.00	4.88
146823	0.778	
146824	0.010	
146825	0.378	
146826	0.396	
146827	> 3.00	6.99
146828	0.118	
146829	0.107	
146830	0.182	
146831	0.083	
146832	0.066	
146833	0.198	
146834	0.088	
146835	0.254	
146836	0.449	
146837	0.097	
146838	0.036	
146839	0.288	
146840	> 3.00	12.1
146841	0.273	
146842	0.392	
146843	0.060	
146844	0.038	
146845	0.034	
146846	> 3.00	9.56
146847	0.422	
146848	< 0.005	
146849	0.005	
146850	0.012	
146851	0.008	
146852	0.020	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146853	> 3.00	6.23
146854	0.139	
146855	2.29	
146856	2.23	
146857	2.82	
146858	0.326	
146859	0.087	
146860	0.046	
146861	0.008	
146862	0.007	
146863	< 0.005	
146864	0.605	
146865	0.157	
146866	0.020	
146867	0.010	
146868	0.025	
146869	< 0.005	
146870	< 0.005	
146871	< 0.005	
146872	< 0.005	
146873	< 0.005	
146874	0.017	
146875	0.006	
146876	0.008	
146877	< 0.005	
146878	0.069	
146879	0.069	
146880	0.091	
146881	0.100	
146882	0.098	
146883	0.052	
146884	0.237	
146885	0.037	
146886	< 0.005	
146887	0.049	
146888	1.64	
146889	0.182	
146890	0.069	
146891	0.069	
146892	0.080	
146893	0.005	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146894	0.239	
146895	0.092	
146896	< 0.005	
146897	0.049	
146898	0.037	
146899	0.005	
146900	0.017	
146901	< 0.005	
146902	0.019	
146903	< 0.005	
146904	0.008	
146905	0.030	
146906	0.013	
146907	0.006	
146908	0.026	
146909	1.38	
146910	0.016	
146911	0.014	
146912	> 3.00	5.09
146913	0.025	
146914	0.113	
146915	0.027	
146916	0.026	
146917	0.016	
146918	< 0.005	
146919	< 0.005	
146920	< 0.005	
146921	< 0.005	
146922	0.061	
146923	0.018	
146924	0.073	
146925	< 0.005	
146926	< 0.005	
146927	< 0.005	
146928	0.005	
146929	0.019	
146930	0.007	
146931	0.033	
146932	0.013	
146933	0.014	
146934	0.006	
146935	0.007	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146936	> 3.00	12.5
146937	0.026	
146938	0.009	
146939	0.076	
146940	0.022	
146941	0.025	
146942	0.087	
146943	0.012	
146944	< 0.005	
146945	0.257	
146946	< 0.005	
146947	< 0.005	
146948	0.005	
146949	0.011	
146950	0.017	
146951	0.056	
146952	0.047	
146953	0.087	
146954	0.078	
146955	0.018	
146956	0.005	
146957	0.010	
146958	0.010	
146959	0.037	
146960	0.589	
146961	0.400	
146962	0.041	
146963	< 0.005	
146964	0.005	
146965	0.023	
146966	0.021	
146967	0.032	
146968	< 0.005	
146969	< 0.005	
146970	0.026	
146971	0.008	
146972	0.005	
146973	< 0.005	
146974	0.009	
146975	0.006	
146976	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
146977	0.024	
146978	0.011	
146979	0.007	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	2.96	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.88	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.99	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	2.96	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.47
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.43
OREAS 216 (Fire Assay) Cert		6.66
OREAS 218 Meas	0.512	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.533	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.536	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.543	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.532	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.531	
OREAS 218 Cert	0.531	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 218 Meas	0.540	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.546	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.531	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.554	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.530	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.538	
OREAS 218 Cert	0.531	
OREAS 215 (Fire Assay) Meas		3.44
OREAS 215 (Fire Assay) Cert		3.54
346198 Orig	0.010	
346198 Dup	0.009	
346217 Orig	0.342	
346217 Split PREP DUP	0.356	
346218 Orig	0.063	
346218 Dup	0.052	
346223 Orig	0.008	
346223 Dup	0.019	
346232 Orig	0.165	
346232 Dup	0.186	
346253 Orig	0.247	
346253 Dup	0.270	
346257 Orig	0.064	
346257 Dup	0.052	
346267 Orig	0.007	
346267 Split PREP DUP	0.007	
346270 Orig	0.101	
346270 Dup	0.107	
346274 Orig	2.22	
346274 Dup	2.23	
346280 Orig	0.114	
346280 Dup	0.121	
346290 Orig	0.596	
346290 Dup	0.568	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	< 0.005	



**Date Submitted:** 18-Jun-18  
**Invoice No.:** A18-07847  
**Invoice Date:** 06-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

93 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Tbay Au - Fire Assay AA

REPORT **A18-07847**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

---

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6  
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346296	0.242	
346297	0.032	
346298	0.036	
346299	0.034	
346300	0.047	
346301	0.048	
346302	0.043	
346303	0.204	
346304	0.236	
346305	0.250	
346306	1.14	
346307	0.576	
346308	> 3.00	5.05
346309	0.395	
346310	0.040	
346311	0.166	
346312	0.149	
346313	0.026	
346314	0.060	
346315	0.179	
346316	< 0.005	
346317	0.052	
346318	0.436	
346319	0.141	
346320	0.105	
346321	0.338	
346322	1.25	
346323	0.342	
346324	0.322	
346325	0.846	
346326	0.617	
346327	0.737	
346328	1.62	
346329	1.70	
346330	0.237	
346331	0.603	
346332	> 3.00	12.0
346333	0.414	
346334	0.652	
346335	0.522	
346336	0.137	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346337	0.174	
346338	0.199	
346339	0.212	
346340	< 0.005	
346341	0.027	
346342	2.47	
346343	0.435	
346344	1.13	
346345	1.39	
346346	1.09	
346347	0.311	
346348	0.375	
346349	0.310	
346350	0.182	
346351	0.876	
346352	1.32	
346353	0.599	
346354	0.142	
346355	0.854	
346356	0.660	
346357	0.878	
346358	0.424	
346359	0.676	
346360	1.04	
346361	0.411	
346362	1.46	
346363	0.998	
346364	< 0.005	
346365	1.80	
346366	0.902	
346367	0.980	
346368	2.51	
346369	0.262	
346370	0.493	
346371	0.070	
346372	0.067	
346373	0.024	
346374	0.078	
346375	0.032	
346376	0.093	
346377	0.017	
346378	0.033	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346379	0.055	
346380	1.67	
346381	0.035	
346382	0.080	
346383	0.027	
346384	0.014	
346385	0.013	
346386	0.006	
346387	0.008	
346388	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 214 Meas	> 3.00	
OREAS 214 Cert	3.03	
OREAS 216 (Fire Assay) Meas		6.43
OREAS 216 (Fire Assay) Cert		6.66
OREAS 218 Meas	0.533	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.536	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.537	
OREAS 218 Cert	0.531	
OREAS 218 Meas	0.534	
OREAS 218 Cert	0.531	
OREAS 215 (Fire Assay) Meas		3.44
OREAS 215 (Fire Assay) Cert		3.54
346305 Orig	0.303	
346305 Dup	0.197	
346315 Orig	0.191	
346315 Dup	0.167	
346325 Orig	0.781	
346325 Dup	0.911	
346340 Orig	< 0.005	
346340 Dup	< 0.005	
346345 Orig	1.39	
346345 Split PREP DUP	1.38	
346350 Orig	0.187	
346350 Dup	0.177	
346358 Orig	0.479	
346358 Dup	0.368	
346359 Orig	0.723	
346359 Dup	0.630	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346374 Orig	0.080	
346374 Dup	0.075	
346384 Orig	0.014	
346384 Dup	0.013	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 20-Jun-18  
**Invoice No.:** A18-08003  
**Invoice Date:** 26-Jun-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

76 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT      **A18-08003**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346389	0.404	
346390	0.012	
346391	0.058	
346392	0.072	
346393	0.041	
346394	0.015	
346395	0.010	
346396	0.011	
346397	0.038	
346398	0.023	
346399	0.083	
346400	0.161	
346401	0.060	
346402	0.077	
346403	0.042	
346404	> 3.00	5.21
346405	0.031	
346406	0.144	
346407	0.061	
346408	0.008	
346409	0.012	
346410	0.019	
346411	0.054	
346412	< 0.005	
346413	0.016	
346414	0.014	
346415	0.021	
346416	0.016	
346417	< 0.005	
346418	0.132	
346419	0.165	
346420	0.138	
346421	0.187	
346422	0.006	
346423	0.095	
346424	0.065	
346425	0.029	
346426	0.023	
346427	0.036	
346428	> 3.00	12.2
346429	0.082	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346430	0.015	
346431	0.026	
346432	0.020	
346433	< 0.005	
346434	0.006	
346435	0.012	
346436	< 0.005	
346437	0.129	
346438	0.016	
346439	0.012	
346440	0.006	
346441	0.011	
346442	< 0.005	
346443	< 0.005	
346444	< 0.005	
346445	0.008	
346446	0.007	
346447	0.009	
346448	0.007	
346449	< 0.005	
346450	< 0.005	
346451	0.005	
346452	0.550	
346453	0.010	
346454	0.008	
346455	0.007	
346456	0.009	
346457	0.025	
346458	0.018	
346459	0.318	
346460	< 0.005	
346461	0.007	
346462	0.050	
346463	0.055	
346464	0.038	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.98
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.52
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.858	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.849	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.51	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
346408 Orig	0.007	
346408 Dup	0.008	
346417 Orig	0.006	
346417 Dup	< 0.005	
346438 Orig	0.016	
346438 Split PREP DUP	0.025	
346438 Orig	0.013	
346438 Dup	0.019	
346444 Orig	< 0.005	
346444 Dup	< 0.005	
346455 Orig	0.007	
346455 Dup	0.006	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02



**Date Submitted:** 25-Jun-18  
**Invoice No.:** A18-08152  
**Invoice Date:** 09-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

186 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-08152**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

---

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
346465	0.098	
346466	0.219	
346467	0.042	
346468	0.041	
346469	0.099	
346470	0.142	
346471	0.098	
346472	0.350	
346473	0.037	
346474	0.048	
346475	0.115	
346476	1.59	
346477	0.065	
346478	0.041	
346479	0.021	
346480	0.083	
346481	0.108	
346482	0.152	
346483	0.184	
346484	< 0.005	
346485	0.611	
346486	0.312	
346487	0.259	
346488	0.412	
346489	0.040	
346490	0.048	
346491	0.196	
346492	0.193	
346493	0.266	
346494	0.700	
346495	0.316	
346496	0.974	
346497	0.029	
346498	0.031	
346499	0.198	
346500	> 3.00	5.20
148501	0.263	
148502	0.503	
148503	0.040	
148504	0.079	
148505	0.188	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148506	0.102	
148507	0.126	
148508	< 0.005	
148509	0.125	
148510	0.219	
148511	0.041	
148512	0.062	
148513	0.321	
148514	0.625	
148515	0.250	
148516	0.170	
148517	0.032	
148518	0.084	
148519	0.293	
148520	0.183	
148521	0.087	
148522	0.182	
148523	0.239	
148524	> 3.00	12.2
148525	0.761	
148526	1.22	
148527	0.166	
148528	0.709	
148529	0.503	
148530	0.110	
148531	0.574	
148532	< 0.005	
148533	0.539	
148534	0.682	
148535	0.598	
148536	0.141	
148537	0.675	
148538	1.28	
148539	0.486	
148540	0.492	
148541	0.496	
148542	0.543	
148543	0.360	
148544	0.676	
148545	0.235	
148546	0.443	
148547	0.983	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148548	0.626	
148549	0.761	
148550	1.30	
148551	0.755	
148552	0.197	
148553	0.375	
148554	0.761	
148555	1.52	
148556	< 0.005	
148557	2.96	
148558	1.85	
148559	0.465	
148560	> 3.00	3.54
148561	1.25	
148562	0.858	
148563	0.644	
148564	0.686	
148565	0.376	
148566	0.864	
148567	0.744	
148568	0.535	
148569	0.464	
148570	0.224	
148571	0.334	
148572	1.55	
148573	1.03	
148574	0.164	
148575	0.171	
148576	0.336	
148577	0.070	
148578	0.515	
148579	0.088	
148580	< 0.005	
148581	0.030	
148582	0.223	
148583	0.069	
148584	0.034	
148585	0.456	
148586	0.416	
148587	0.025	
148588	0.043	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148589	0.012	
148590	0.011	
148591	< 0.005	
148592	< 0.005	
148593	0.012	
148594	0.012	
148595	0.014	
148596	> 3.00	5.14
148597	0.010	
148598	0.008	
148599	0.025	
148600	0.017	
146980	0.007	
146981	0.008	
146982	0.090	
146983	0.128	
146984	1.56	
146985	0.007	
146986	0.005	
146987	< 0.005	
146988	0.009	
146989	0.015	
146990	0.010	
146991	0.088	
146992	< 0.005	
146993	0.079	
146994	0.006	
146995	0.060	
146996	0.450	
146997	1.79	
146998	0.338	
146999	0.173	
147000	0.161	
147001	0.821	
147002	0.590	
147003	1.48	
147004	2.57	
147005	1.25	
147006	0.212	
147007	1.21	
147008	> 3.00	5.53
147009	> 3.00	3.25

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147010	0.960	
147011	> 3.00	8.55
147012	1.74	
147013	0.684	
147014	> 3.00	3.83
147015	0.884	
147016	< 0.005	
147017	> 3.00	9.97
147018	0.188	
147019	0.025	
147020	> 3.00	3.16
147021	0.026	
147022	1.23	
147023	0.279	
147024	0.270	
147025	> 3.00	2.94
147026	0.251	
147027	0.592	
147028	0.192	
147029	0.260	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.06
OREAS 214 Cert		3.03
OREAS 214 Meas		3.06
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.78
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.34
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.855	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.841	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.875	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.867	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.871	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.872	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.65	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.56	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.51	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
346479 Orig	0.021	
346479 Dup	0.020	
346486 Orig	0.267	
346486 Dup	0.356	
346497 Orig	0.028	
346497 Dup	0.030	
148514 Orig	0.625	
148514 Split PREP DUP	0.561	
148520 Orig	0.175	
148520 Dup	0.192	
148531 Orig	0.546	
148531 Dup	0.603	
148565 Orig	0.376	
148565 Split PREP DUP	0.289	
148588 Orig	0.040	
148588 Dup	0.046	
148599 Orig	0.015	
148599 Dup	0.035	
146993 Orig	0.079	
146993 Split PREP DUP	0.052	
146995 Orig	0.058	
146995 Dup	0.062	
147002 Orig	0.552	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147002 Dup	0.629	
147013 Orig	0.687	
147013 Dup	0.682	
147018 Orig	0.165	
147018 Dup	0.210	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



**Date Submitted:** 27-Jun-18  
**Invoice No.:** A18-08266  
**Invoice Date:** 12-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

145 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-08266**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

---

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147030	0.471	
147031	0.021	
147032	> 3.00	12.4
147033	0.077	
147034	> 3.00	5.70
147035	0.846	
147036	0.109	
147037	0.686	
147038	0.739	
147039	> 3.00	3.80
147040	< 0.005	
147041	> 3.00	4.79
147042	0.165	
147043	0.564	
147044	> 3.00	6.25
147045	> 3.00	23.1
147046	> 3.00	4.90
147047	0.138	
147048	0.130	
147049	> 3.00	4.31
147050	0.199	
147051	0.080	
147052	0.593	
147053	0.240	
147054	0.096	
147055	0.675	
147056	0.630	
147057	0.469	
147058	0.775	
147059	0.788	
147060	1.75	
147061	> 3.00	5.46
147062	0.035	
147063	0.055	
147064	< 0.005	
147065	0.120	
147066	0.097	
147067	0.016	
147068	0.040	
147069	0.139	
147070	0.240	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147071	0.086	
147072	0.066	
147073	0.588	
147074	1.36	
147075	0.014	
147076	0.027	
147077	0.021	
147078	0.012	
147079	0.073	
147080	1.50	
147081	0.064	
147082	0.058	
147083	0.072	
147084	0.062	
147085	0.041	
147086	0.036	
147087	0.036	
147088	< 0.005	
147089	0.080	
147090	0.143	
147091	> 3.00	19.4
147092	0.076	
147093	0.176	
147094	0.041	
147095	0.035	
147096	0.061	
147097	0.005	
147098	0.031	
147099	0.018	
147100	0.013	
147101	0.280	
147102	0.095	
147103	0.048	
147104	> 3.00	5.30
147105	0.020	
147106	0.043	
147107	0.076	
147108	0.035	
147109	0.037	
147110	0.049	
147111	0.032	
147112	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147113	0.013	
147114	0.008	
147115	0.007	
147116	0.010	
147117	1.44	
147118	< 0.005	
147119	0.017	
147120	0.032	
147121	< 0.005	
147122	0.007	
147123	0.008	
147124	< 0.005	
147125	0.012	
147126	0.013	
147127	0.010	
147128	> 3.00	12.5
147129	0.025	
147130	0.020	
147131	0.300	
147132	0.020	
147133	0.062	
147134	0.362	
147135	0.009	
147136	< 0.005	
147137	0.008	
147138	< 0.005	
147139	0.019	
147140	0.009	
147141	0.018	
147142	0.040	
147143	0.041	
147144	0.042	
147145	0.073	
147146	0.061	
147147	0.047	
147148	0.037	
147149	0.045	
147150	0.070	
147151	0.039	
147152	0.526	
147153	0.019	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147154	0.040	
147155	0.173	
147156	0.066	
147157	0.034	
147158	0.015	
147159	0.006	
147160	< 0.005	
147161	0.006	
147162	< 0.005	
147163	< 0.005	
147164	0.005	
147165	< 0.005	
147166	< 0.005	
147167	< 0.005	
147168	0.005	
147169	0.005	
147170	0.007	
147171	< 0.005	
147172	0.005	
147173	0.006	
147174	0.006	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.09
OREAS 214 Cert		3.03
OREAS 214 Meas		3.16
OREAS 214 Cert		3.03
OREAS 214 Meas		3.11
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.86
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.74
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.76
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.855	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.851	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.854	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.883	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.869	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.863	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Meas	1.51	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.56	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.53	
OREAS 209 (Fire Assay) Cert	1.58	
147050 Orig	0.166	
147050 Dup	0.232	
147061 Orig	> 3.00	
147061 Dup	> 3.00	
147065 Orig	0.118	
147065 Dup	0.123	
147079 Orig	0.073	
147079 Split PREP DUP	0.048	
147084 Orig	0.062	
147084 Dup	0.062	
147095 Orig	0.037	
147095 Dup	0.032	
147109 Orig	0.042	
147109 Dup	0.032	
147118 Orig	< 0.005	
147118 Dup	0.039	
147127 Orig	0.012	
147127 Dup	0.008	
147129 Orig	0.025	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147129 Split PREP DUP	0.022	
147154 Orig	0.045	
147154 Dup	0.034	
147165 Orig	< 0.005	
147165 Dup	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.009	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.065	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	



**Date Submitted:** 03-Jul-18  
**Invoice No.:** A18-08477  
**Invoice Date:** 16-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

119 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-08477**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in blue ink, appearing to read "R. Hoffman".

---

Rob Hoffman  
Region Manager

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148601	0.116	
148602	0.030	
148603	0.072	
148604	< 0.005	
148605	0.036	
148606	0.053	
148607	0.027	
148608	0.021	
148609	0.032	
148610	0.029	
148611	0.011	
148612	0.013	
148613	0.059	
148614	0.366	
148615	0.041	
148616	0.148	
148617	0.101	
148618	0.046	
148619	0.142	
148620	> 3.00	11.9
148621	0.033	
148622	0.036	
148623	0.061	
148624	0.058	
148625	0.200	
148626	0.257	
148627	0.347	
148628	< 0.005	
148629	0.263	
148630	0.258	
148631	0.353	
148632	0.112	
148633	0.106	
148634	0.069	
148635	0.035	
148636	0.035	
148637	0.058	
148638	0.128	
148639	0.157	
148640	0.222	
148641	0.093	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148642	0.060	
148643	0.044	
148644	0.585	
148645	0.072	
148646	0.080	
148647	0.021	
148648	0.333	
148649	0.121	
148650	0.071	
148651	0.060	
148652	0.007	
148653	0.026	
148654	0.007	
148655	0.021	
148656	0.010	
148657	0.107	
148658	0.041	
148659	0.130	
148660	0.132	
148661	0.113	
148662	0.072	
148663	0.047	
148664	0.056	
148665	0.029	
148666	0.135	
148667	0.153	
148668	1.51	
148669	0.018	
148670	0.012	
148671	0.012	
148672	0.009	
148673	0.009	
148674	0.017	
148675	0.021	
148676	< 0.005	
148677	0.052	
148678	0.132	
148679	0.058	
148680	0.017	
148681	0.073	
148682	0.206	
148683	0.198	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148684	0.183	
148685	0.016	
148686	0.053	
148687	0.104	
148688	0.096	
148689	0.018	
148690	0.068	
148691	0.740	
148692	> 3.00	5.27
148693	0.386	
148694	0.009	
148695	0.007	
148696	0.034	
148697	0.018	
148698	0.128	
148699	0.271	
148700	< 0.005	
148701	1.97	
148702	1.03	
148703	0.233	
148704	0.597	
148705	1.13	
148706	0.071	
148707	0.094	
148708	0.059	
148709	0.044	
148710	0.057	
148711	0.209	
148712	0.091	
148713	0.036	
148714	0.199	
148715	0.058	
148716	> 3.00	11.9
148717	0.146	
148718	0.109	
148719	0.055	

Analyte Symbol	Au	Au	Au	Au	Au	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g/mt	g/tonne	g/tonne
Lower Limit	0.005	0.005	0.005	0.005	0.005	0.02	0.02
Method Code	FA-AA	FA-AA	FA-AA	FA-AA	FA-AA	FA- GRA	FA- GRA
OREAS 214 Meas						3.01	2.95
OREAS 214 Cert						3.03	3.03
OREAS 214 Meas							3.03
OREAS 214 Cert							3.03
OREAS 216 (Fire Assay) Meas						6.77	6.66
OREAS 216 (Fire Assay) Cert						6.66	6.66
OREAS 216 (Fire Assay) Meas							6.59
OREAS 216 (Fire Assay) Cert							6.66
OREAS 220 (Fire Assay) Meas	0.839	0.859	0.878	0.870	0.875		
OREAS 220 (Fire Assay) Cert	0.866	0.866	0.866	0.866	0.866		
OREAS 209 (Fire Assay) Meas	1.53	1.57	1.58	1.54	1.56		
OREAS 209 (Fire Assay) Cert	1.58	1.58	1.58	1.58	1.58		
148601 Orig	0.128						
148601 Dup	0.103						
148632 Orig	0.099						
148632 Dup	0.126						
148650 Orig				0.071			
148650 Split PREP DUP				0.086			
148650 Orig				0.071			
148650 Dup				0.070			
148656 Orig				0.011			
148656 Dup				0.010			
148667 Orig				0.157			
148667 Dup				0.148			
148684 Orig			0.172				
148684 Dup			0.195				
148691 Orig			0.757				
148691 Dup			0.723				
148700 Orig			< 0.005				
148700 Split PREP DUP			< 0.005				
148704 Orig		0.616					
148704 Dup		0.578					
Method Blank	< 0.005						
Method Blank	< 0.005						

Analyte Symbol	Au	Au	Au	Au	Au	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g/mt	g/tonne	g/tonne
Lower Limit	0.005	0.005	0.005	0.005	0.005	0.02	0.02
Method Code	FA-AA	FA-AA	FA-AA	FA-AA	FA-AA	FA- GRA	FA- GRA
Method Blank				0.005			
Method Blank				0.005			
Method Blank		< 0.005					
Method Blank			< 0.005				
Method Blank			< 0.005				
Method Blank					< 0.005		
Method Blank						< 0.02	
Method Blank							< 0.02
Method Blank							< 0.02





**Date Submitted:** 09-Jul-18  
**Invoice No.:** A18-08831  
**Invoice Date:** 25-Jul-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

78 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-08831**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in blue ink, appearing to read "R. Hoffman", written over a horizontal line.

Rob Hoffman  
Region Manager

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148720	0.067	
148721	0.018	
148722	0.021	
148723	0.024	
148724	< 0.005	
148725	0.024	
148726	0.023	
148727	0.018	
148728	0.082	
148729	0.051	
148730	> 3.00	8.27
148731	2.45	
148732	2.88	
148733	0.073	
148734	0.113	
148735	0.242	
148736	0.317	
148737	0.366	
148738	0.281	
148739	0.137	
148740	0.527	
148741	0.416	
148742	0.039	
148743	0.301	
148744	0.214	
148745	0.244	
148746	0.181	
148747	0.290	
148748	< 0.005	
148749	0.183	
148750	0.139	
148751	0.234	
148752	0.506	
148753	0.425	
148754	2.53	
148755	1.59	
148756	1.74	
148757	1.63	
148758	2.26	
148759	1.10	
148760	0.166	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148761	0.064	
148762	0.105	
148763	0.438	
148764	1.63	
148765	0.056	
148766	0.067	
148767	0.074	
148768	0.208	
148769	0.206	
148770	0.725	
148771	0.544	
148772	< 0.005	
148773	0.799	
148774	1.74	
148775	2.45	
148776	1.58	
148777	2.46	
148778	0.854	
148779	0.329	
148780	0.345	
148781	2.90	
148782	1.34	
148783	0.324	
148784	0.087	
148785	0.053	
148786	0.085	
148787	0.198	
148788	> 3.00	5.32
148789	0.304	
148790	0.560	
148791	0.400	
148792	0.563	
148793	0.375	
148794	0.581	
148795	0.424	
148796	< 0.005	
148797	0.077	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.13
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.81
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.832	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.843	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
148734 Orig	0.114	
148734 Dup	0.113	
148741 Orig	0.403	
148741 Dup	0.429	
148752 Orig	0.503	
148752 Dup	0.508	
148755 Orig	1.56	
148755 Dup	1.63	
148769 Orig	0.206	
148769 Split PREP DUP	0.273	
148775 Orig	2.37	
148775 Dup	2.54	
148785 Orig	0.049	
148785 Dup	0.057	
148789 Orig	0.277	
148789 Dup	0.332	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Method Blank		< 0.02



**Date Submitted:** 11-Jul-18  
**Invoice No.:** A18-09041  
**Invoice Date:** 01-Aug-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

220 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT **A18-09041**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148798	0.660	
148799	0.364	
148800	0.329	
148801	0.503	
148802	0.073	
148803	< 0.005	
148804	0.007	
148805	0.033	
148806	0.020	
148807	0.022	
148808	0.006	
148809	0.072	
148810	0.441	
148811	0.127	
148812	> 3.00	12.3
148813	0.048	
148814	0.039	
148815	0.032	
148816	0.074	
148817	0.332	
148818	0.464	
148819	0.072	
148820	< 0.005	
148821	0.719	
148822	0.051	
148823	0.148	
148824	0.264	
148825	0.293	
148826	0.030	
148827	0.332	
148828	0.336	
148829	0.357	
148830	2.60	
148831	1.80	
148832	0.855	
148833	0.219	
148834	0.010	
148835	0.006	
148836	0.643	
148837	0.019	
148838	0.019	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148839	0.046	
148840	0.108	
148841	0.023	
148842	0.022	
148843	0.008	
148844	< 0.005	
148845	0.009	
148846	0.009	
148847	0.007	
148848	0.013	
148849	0.006	
148850	< 0.005	
148851	0.008	
148852	0.010	
148853	0.011	
148854	< 0.005	
148855	0.015	
148856	0.264	
148857	0.010	
148858	0.012	
148859	0.049	
148860	1.52	
148861	0.903	
148862	0.783	
148863	0.393	
148864	0.057	
148865	0.024	
148866	0.043	
148867	0.131	
148868	< 0.005	
148869	0.464	
148870	0.064	
148871	0.221	
148872	0.687	
148873	0.435	
148874	1.98	
148875	1.07	
148876	0.914	
148877	0.340	
148878	0.296	
148879	0.135	
148880	0.137	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148881	0.097	
148882	0.054	
148883	0.121	
148884	> 3.00	5.21
148885	0.605	
148886	> 3.00	18.0
148887	0.279	
148888	0.897	
148889	0.814	
148890	1.84	
148891	0.978	
148892	0.005	
148893	0.333	
148894	0.126	
148895	0.037	
148896	0.012	
148897	0.028	
148898	0.087	
148899	1.39	
148900	1.45	
148901	0.011	
148902	0.023	
148903	0.020	
147175	0.096	
147176	1.69	
147177	0.009	
147178	0.005	
147179	0.006	
147180	0.005	
147181	< 0.005	
147182	0.007	
147183	0.007	
147184	< 0.005	
147185	0.008	
147186	0.015	
147187	> 3.00	5.03
147188	> 3.00	6.28
147189	> 3.00	5.94
147190	> 3.00	15.9
147191	> 3.00	17.5
147192	> 3.00	16.5

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147193	> 3.00	16.6
147194	> 3.00	7.53
147195	0.460	
147196	0.853	
147197	> 3.00	2.98
147198	1.59	
147199	> 3.00	14.7
147200	> 3.00	5.36
147201	0.550	
147202	2.17	
147203	> 3.00	5.43
147204	> 3.00	4.42
147205	0.863	
147206	1.95	
147207	1.14	
147208	0.006	
147209	0.318	
147210	0.590	
147211	> 3.00	16.1
147212	2.29	
147213	2.47	
147214	0.194	
147215	0.146	
147216	0.167	
147217	> 3.00	4.18
147218	0.149	
147219	0.014	
147220	0.206	
147221	0.414	
147222	1.47	
147223	0.234	
147224	> 3.00	11.9
147225	0.110	
147226	> 3.00	4.48
147227	> 3.00	23.9
147228	0.329	
147229	0.035	
147230	> 3.00	52.2
147231	2.50	
147232	0.005	
147233	0.276	
147234	0.559	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147235	1.87	
147236	0.122	
147237	0.212	
147238	0.097	
147239	0.200	
147240	0.198	
147241	0.054	
147242	0.013	
147243	0.108	
147244	2.22	
147245	0.029	
147246	0.077	
147247	0.041	
147248	0.632	
147249	0.131	
147250	0.069	
147251	0.181	
147252	1.91	
147253	0.294	
147254	0.236	
147255	1.48	
147256	< 0.005	
147257	2.83	
147258	0.228	
147259	0.141	
147260	0.123	
147261	> 3.00	8.17
147262	> 3.00	23.6
147263	0.144	
147264	0.085	
147265	0.098	
147266	0.523	
147267	0.382	
147268	0.592	
147269	0.024	
147270	0.134	
147271	0.627	
147272	1.57	
147273	0.195	
147274	0.277	
147275	> 3.00	23.5

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147276	0.315	
147277	0.133	
147278	0.991	
147279	0.020	
147280	< 0.005	
147281	0.022	
147282	0.025	
147283	0.023	
147284	0.064	
147285	0.229	
147286	0.283	
147287	0.016	
147288	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		2.89
OREAS 214 Cert		3.03
OREAS 214 Meas		2.96
OREAS 214 Cert		3.03
OREAS 214 Meas		3.04
OREAS 214 Cert		3.03
OREAS 214 Meas		3.13
OREAS 214 Cert		3.03
OREAS 214 Meas		3.06
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.64
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.64
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.70
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.78
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.71
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.877	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.834	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.862	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.826	
OREAS 220 (Fire Assay) Cert	0.866	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Assay) Cert		
OREAS 220 (Fire Assay) Meas	0.865	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.865	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.837	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.870	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.55	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.62	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.50	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.58	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
148798 Orig	0.625	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148798 Dup	0.696	
148818 Orig	0.446	
148818 Dup	0.482	
148829 Orig	0.353	
148829 Dup	0.361	
148833 Orig	0.207	
148833 Dup	0.231	
148847 Orig	0.007	
148847 Split PREP DUP	0.007	
148852 Orig	0.009	
148852 Dup	0.011	
148863 Orig	0.454	
148863 Dup	0.332	
148867 Orig	0.154	
148867 Dup	0.108	
148887 Orig	0.234	
148887 Dup	0.324	
148897 Orig	0.028	
148897 Split PREP DUP	0.017	
148897 Split PREP DUP	0.017	
147186 Orig	0.014	
147186 Dup	0.016	
147193 Orig	> 3.00	
147193 Dup	> 3.00	
147218 Orig	0.149	
147218 Split PREP DUP	0.172	
147226 Orig	> 3.00	
147226 Dup	> 3.00	
147237 Orig	0.210	
147237 Dup	0.214	
147238 Orig	0.085	
147238 Dup	0.109	
147262 Orig	> 3.00	
147262 Dup	> 3.00	
147268 Orig	0.592	
147268 Split PREP DUP	0.677	
147271 Orig	0.658	
147271 Dup	0.596	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147285 Orig	0.237	
147285 Dup	0.222	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.008	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank		< 0.02





**Date Submitted:** 16-Jul-18  
**Invoice No.:** A18-09189  
**Invoice Date:** 14-Aug-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

63 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

Code 1A3-50-Dryden Au - Fire Assay Gravimetric

REPORT **A18-09189**

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Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147289	0.010	
147290	0.070	
147291	0.043	
147292	0.187	
147293	0.030	
147294	0.062	
147295	0.015	
147296	> 3.00	5.24
147297	0.026	
147298	0.050	
147299	0.042	
147300	0.318	
147301	0.067	
147302	0.171	
147303	0.023	
147304	< 0.005	
147305	1.45	
147306	0.026	
147307	1.53	
147308	0.108	
147309	0.046	
147310	0.027	
147311	0.008	
147312	0.011	
147313	0.008	
147314	0.012	
147315	< 0.005	
147316	0.020	
147317	0.034	
147318	0.030	
147319	0.027	
147320	> 3.00	12.7
147321	0.033	
147322	0.015	
147323	0.089	
147324	0.055	
147325	0.016	
147326	0.040	
147327	0.006	
147328	< 0.005	
147329	0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
147330	< 0.005	
147331	0.005	
147332	< 0.005	
147333	0.006	
147334	0.006	
147335	< 0.005	
147336	< 0.005	
147337	< 0.005	
147338	0.005	
148904	0.051	
148905	0.176	
148906	0.035	
148907	0.034	
148908	> 3.00	12.8
148909	0.020	
148910	0.038	
148911	0.057	
148912	0.141	
148913	0.011	
148914	0.118	
148915	0.506	
148916	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.05
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.69
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.896	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.846	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.50	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.60	
OREAS 209 (Fire Assay) Cert	1.58	
147289 Orig	0.010	
147289 Dup	0.011	
147321 Orig	0.029	
147321 Dup	0.037	
147338 Orig	0.005	
147338 Split PREP DUP	0.005	
147338 Orig	0.006	
147338 Dup	0.005	
148909 Orig	0.024	
148909 Dup	0.016	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	



**Date Submitted:** 18-Jul-18  
**Invoice No.:** A18-09274  
**Invoice Date:** 20-Aug-18  
**Your Reference:** Hasaga Red Lake

**Premier Gold Mines NWO Inc**  
**#2 Industrial Park**  
**Red Lake ON P0V 2M0**  
**Canada**

**ATTN: J Rogers**

## CERTIFICATE OF ANALYSIS

172 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Premier NWO-Dryden Au - Fire Assay AA

REPORT      **A18-09274**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

---

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148917	0.433	
148918	1.25	
148919	0.226	
148920	0.754	
148921	0.448	
148922	0.250	
148923	0.518	
148924	0.572	
148925	0.063	
148926	0.052	
148927	0.079	
148928	0.141	
148929	0.182	
148930	1.97	
148931	0.747	
148932	0.605	
148933	0.427	
148934	0.158	
148935	0.043	
148936	0.043	
148937	0.023	
148938	0.023	
148939	0.018	
148940	< 0.005	
148941	0.019	
148942	0.024	
148943	0.016	
148944	0.006	
148945	0.029	
148946	0.172	
148947	0.035	
148948	0.022	
148949	0.075	
148950	0.077	
148951	0.207	
148952	0.166	
148953	0.019	
148954	0.239	
148955	0.030	
148956	1.61	
148957	0.023	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
148958	1.39	
148959	1.26	
148960	1.36	
148961	> 3.00	3.91
148962	0.438	
148963	0.124	
148964	< 0.005	
148965	0.039	
148966	0.035	
148967	0.036	
148968	0.646	
148969	0.130	
148970	0.271	
148971	0.017	
148972	0.013	
148973	1.58	
148974	1.33	
148975	1.74	
148976	0.685	
148977	2.71	
148978	0.527	
148979	0.262	
148980	> 3.00	5.10
148981	2.76	
148982	1.67	
148983	> 3.00	5.05
148984	0.482	
148985	0.925	
148986	> 3.00	4.25
148987	0.106	
148988	< 0.005	
148989	1.85	
148990	1.45	
148991	1.76	
148992	0.014	
148993	0.008	
148994	0.005	
148995	0.075	
148996	0.082	
148997	0.073	
148998	0.483	
148999	0.578	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
149000	< 0.005	
149001	0.277	
149002	0.409	
149003	0.242	
149004	> 3.00	12.5
149005	1.03	
149006	> 3.00	3.00
149007	2.76	
149008	0.993	
149009	0.651	
149010	0.433	
149011	0.628	
149012	< 0.005	
149013	0.432	
149014	0.218	
149015	0.693	
149016	0.641	
149017	2.70	
149018	1.12	
149019	1.04	
149020	0.896	
149021	1.59	
149022	1.19	
149023	0.697	
149024	2.22	
149025	0.304	
149026	0.264	
149027	0.069	
149028	> 3.00	5.00
149029	0.082	
149030	0.120	
149031	0.253	
149032	0.531	
149033	0.594	
149034	0.042	
149035	1.66	
149036	< 0.005	
149037	2.71	
149038	0.813	
149039	0.676	
149040	0.337	



Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
149041	0.038	
149042	0.042	
149043	0.047	
149044	0.056	
149045	0.078	
149046	0.015	
149047	0.016	
149048	0.035	
149049	0.012	
149050	0.007	
149051	0.005	
149052	1.64	
149053	0.009	
149054	0.007	
149055	0.010	
149056	0.023	
149057	0.011	
149058	0.025	
149059	0.012	
149060	< 0.005	
149061	0.453	
149062	0.115	
149063	0.026	
149064	0.071	
149065	0.393	
149066	0.117	
149067	0.568	
149068	0.434	
149069	0.869	
149070	1.74	
149071	0.399	
149072	0.103	
149073	0.140	
149074	0.512	
149075	0.052	
149076	> 3.00	5.04
149077	0.073	
149078	0.029	
149079	0.024	
149080	0.042	
149081	0.019	
149082	0.090	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
149083	0.046	
149084	< 0.005	
149085	0.027	
149086	0.021	
149087	0.025	
149088	0.013	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 214 Meas		3.07
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.49
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.55
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.860	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.843	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.858	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.864	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.857	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 220 (Fire Assay) Meas	0.903	
OREAS 220 (Fire Assay) Cert	0.866	
OREAS 209 (Fire Assay) Meas	1.59	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.53	
OREAS 209 (Fire Assay) Cert	1.58	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 209 (Fire Assay) Meas	1.61	
OREAS 209 (Fire Assay) Cert	1.58	
OREAS 209 (Fire Assay) Meas	1.57	
OREAS 209 (Fire Assay) Cert	1.58	
148931 Orig	0.770	
148931 Dup	0.724	
148938 Orig	0.029	
148938 Dup	0.016	
148949 Orig	0.078	
148949 Dup	0.072	
148961 Orig		3.92
148961 Dup		3.89
148962 Orig	0.433	
148962 Dup	0.442	
148966 Orig	0.035	
148966 Split PREP DUP	0.023	
148968 Orig	0.653	
148968 Dup	0.638	
148979 Orig	0.255	
148979 Dup	0.268	
148986 Orig	> 3.00	
148986 Dup	> 3.00	
149006 Orig	2.96	
149006 Dup	> 3.00	
149016 Orig	0.641	
149016 Split PREP DUP	0.664	
149016 Split PREP DUP	0.664	
149034 Orig	0.042	
149034 Dup	0.042	
149041 Orig	0.036	
149041 Dup	0.040	
149053 Orig	0.009	
149053 Dup	0.008	
149055 Orig	0.010	
149055 Dup	0.011	
149066 Orig	0.117	

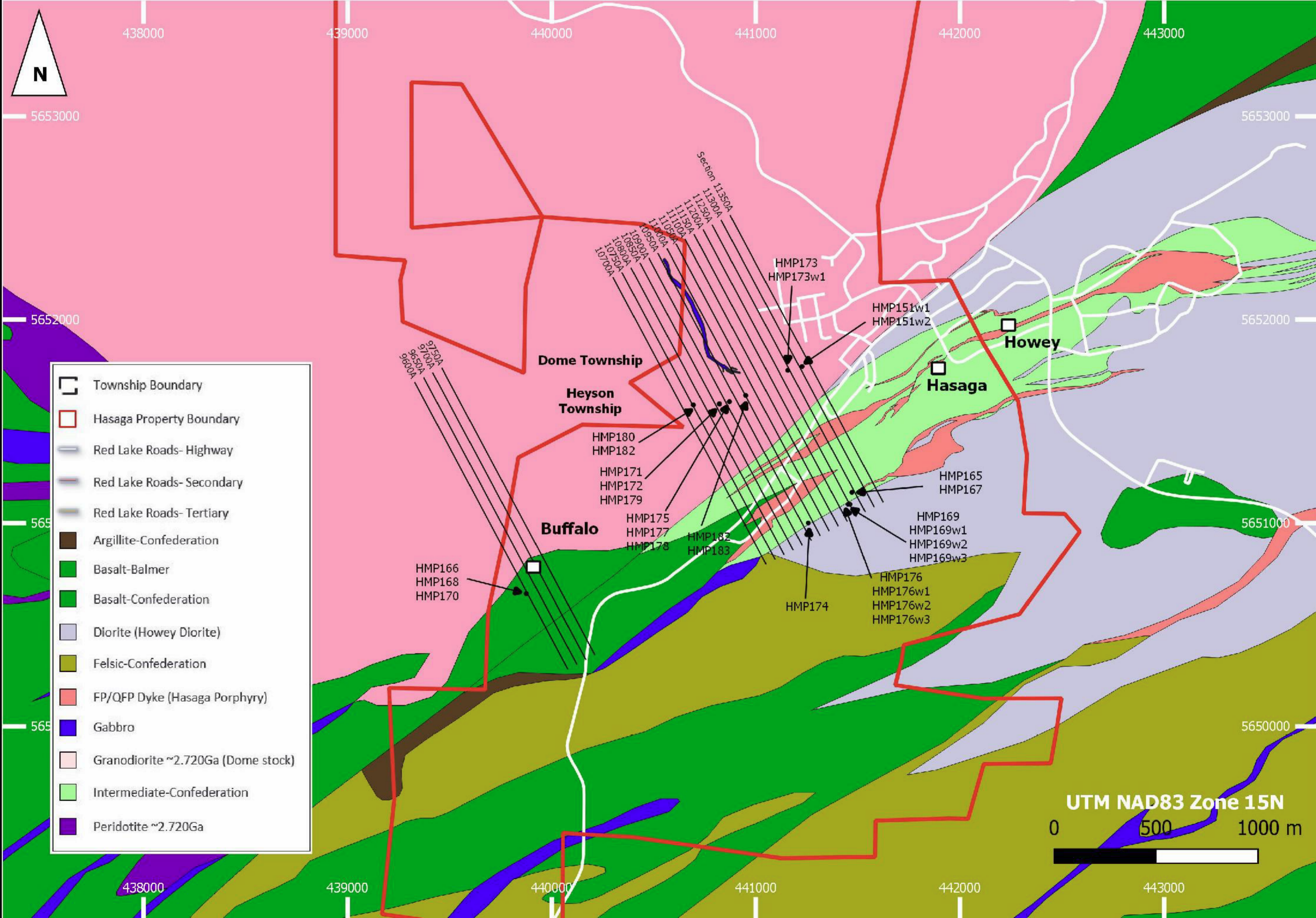
Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
149066 Split PREP DUP	0.127	
149074 Orig	0.547	
149074 Dup	0.477	
149085 Orig	0.013	
149085 Dup	0.041	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank		< 0.02



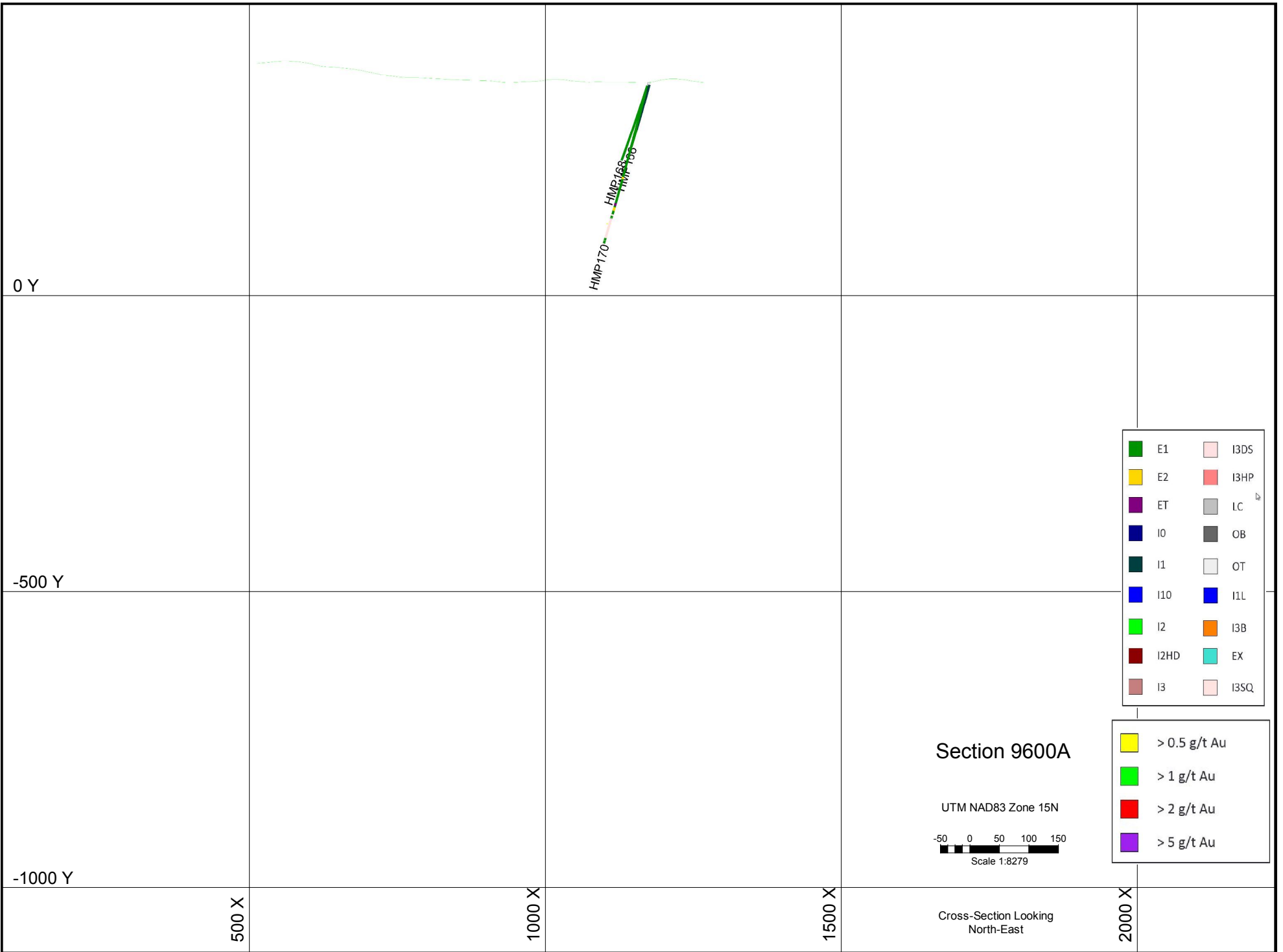
## **Appendix E: Assay Invoices**



## **Appendix F: Drill Hole Sections**







0 Y

-500 Y

-1000 Y

500 X

1000 X

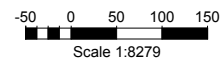
1500 X

2000 X

HMP170  
HMP168  
HMP166

Section 9600A

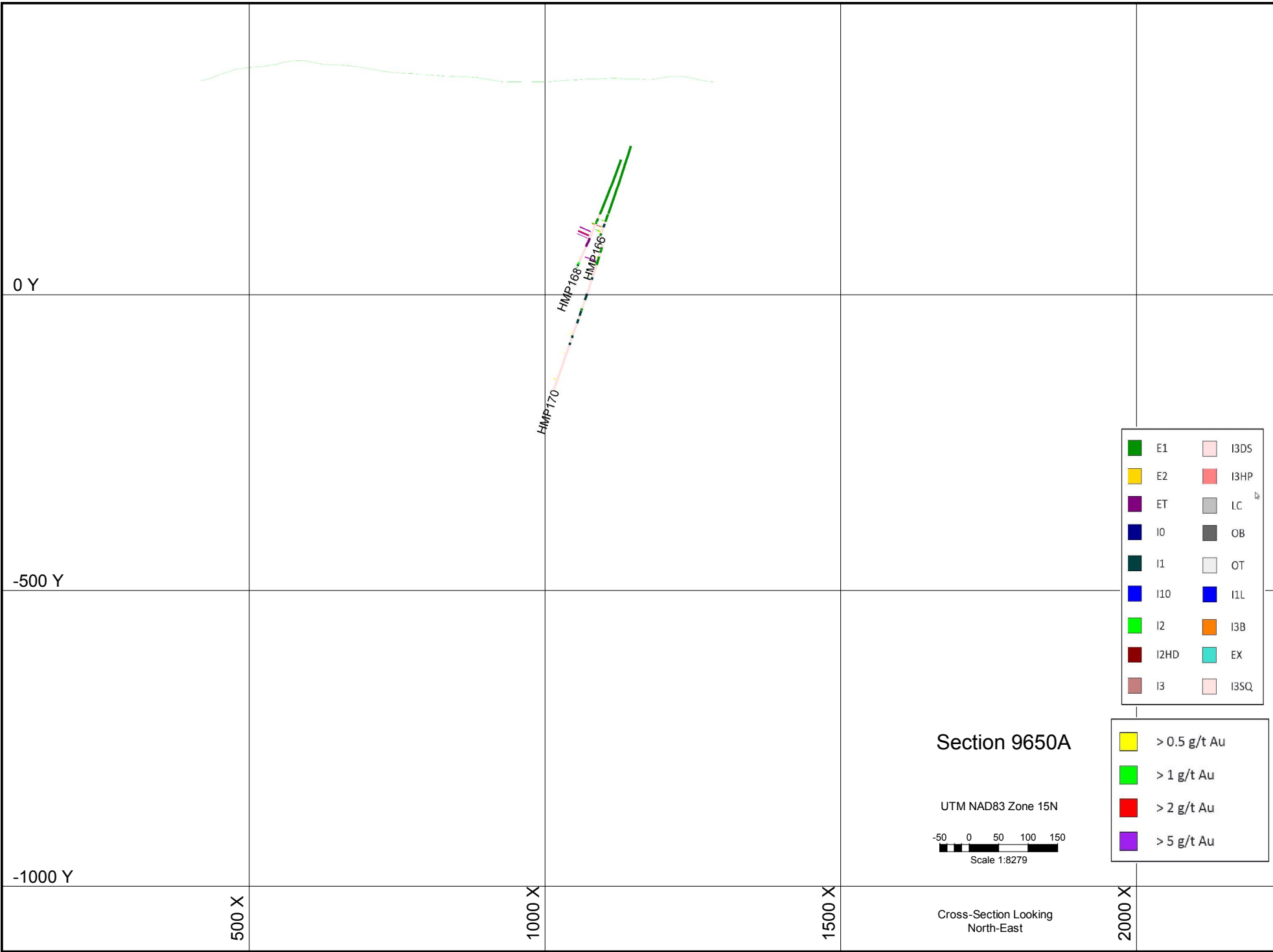
UTM NAD83 Zone 15N

























Cross-Section Looking North-East

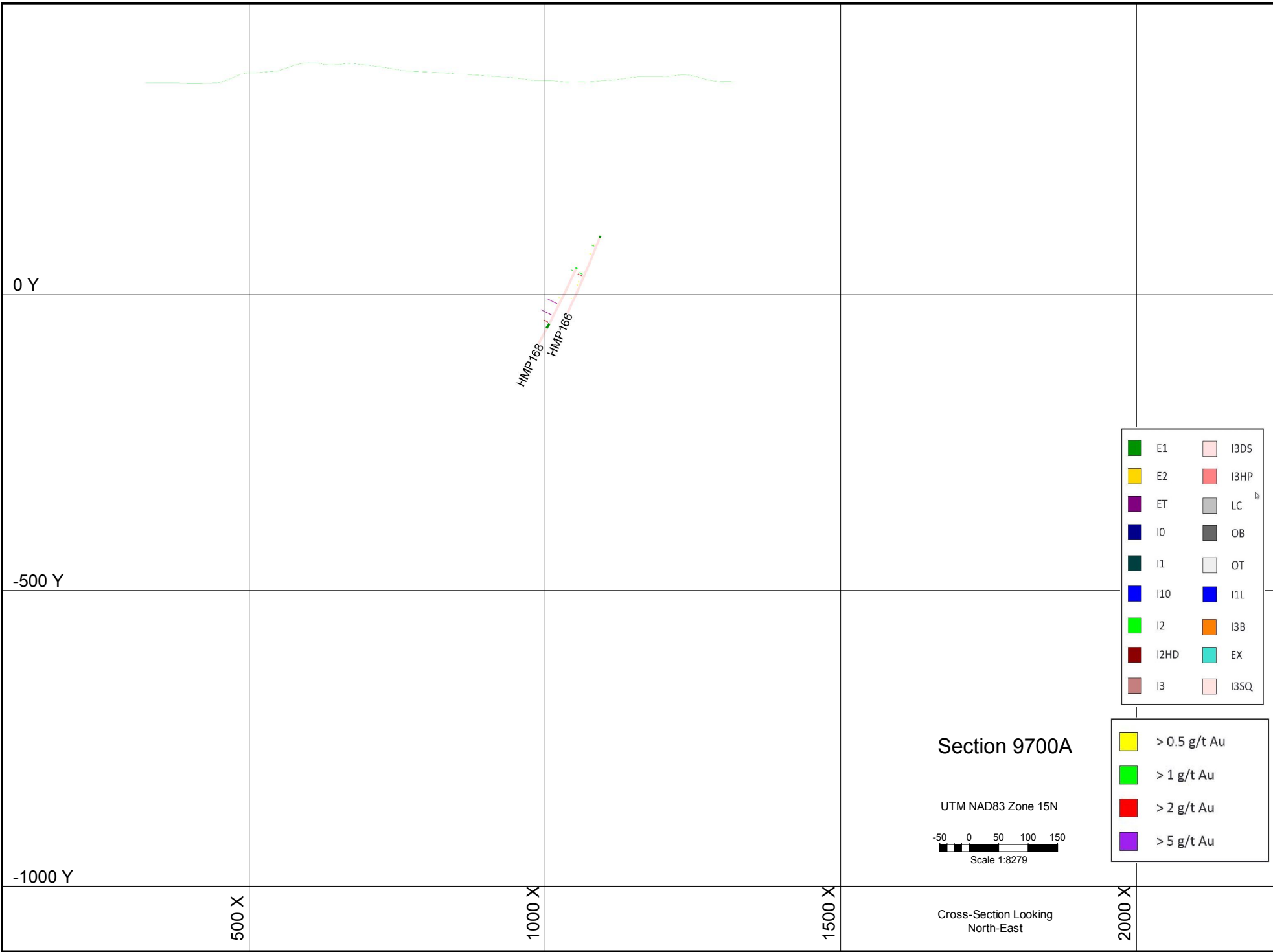
	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



0 Y

-500 Y

-1000 Y

500 X

1000 X

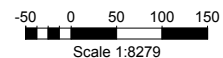
1500 X

2000 X

HMP-168  
HMP-166

Section 9700A

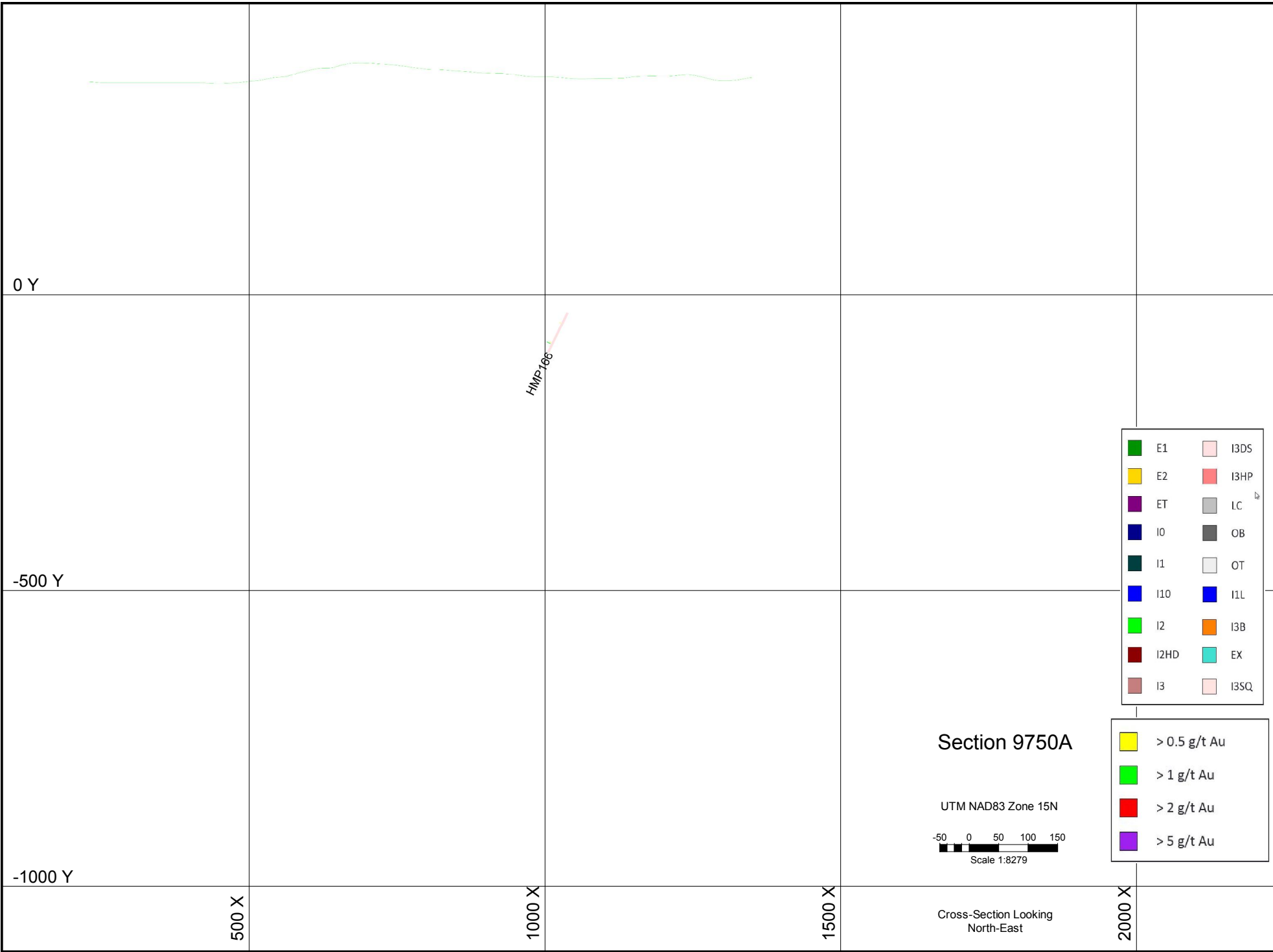
UTM NAD83 Zone 15N



Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



0 Y

-500 Y

-1000 Y

500 X

1000 X

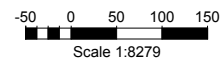
1500 X

2000 X

HMP-166

Section 9750A

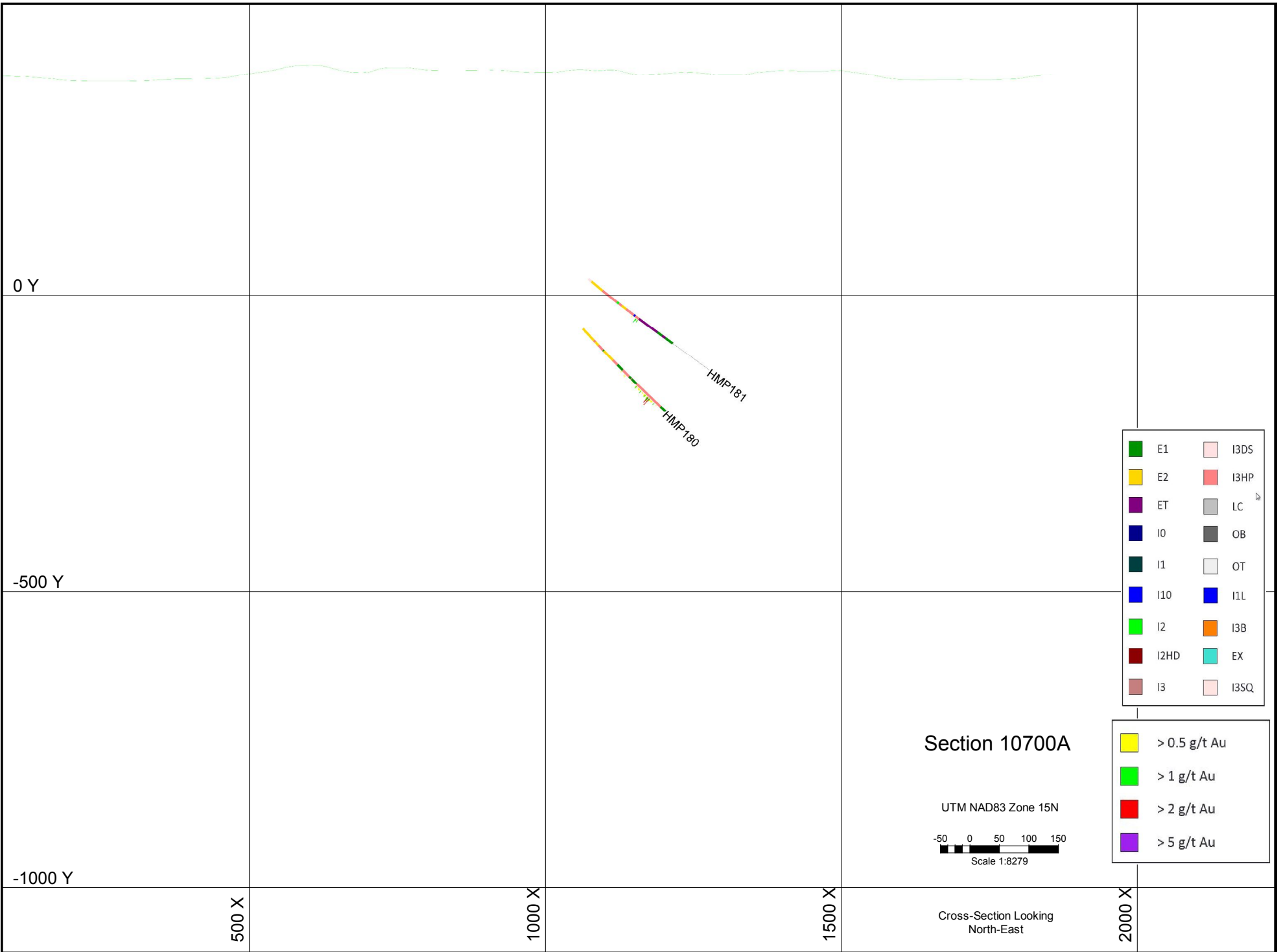
UTM NAD83 Zone 15N



Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



0 Y

-500 Y

-1000 Y

500 X

1000 X

1500 X

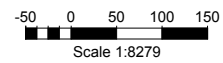
2000 X

HMP181

HMP180

Section 10700A

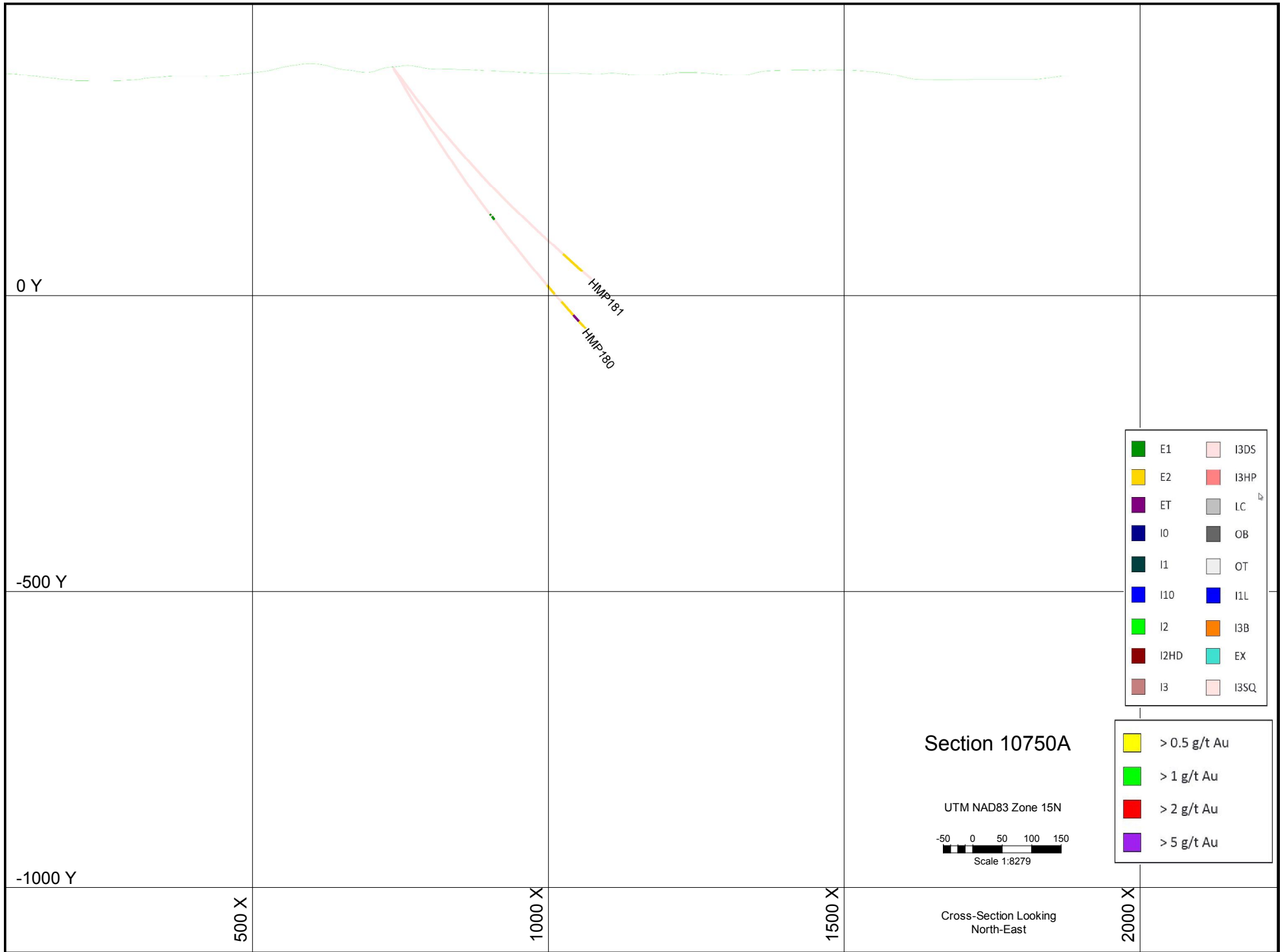
UTM NAD83 Zone 15N



Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



0 Y

-500 Y

-1000 Y

500 X

1000 X

1500 X

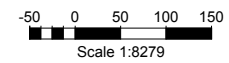
2000 X

HMP181



















HMP180



Section 10750A

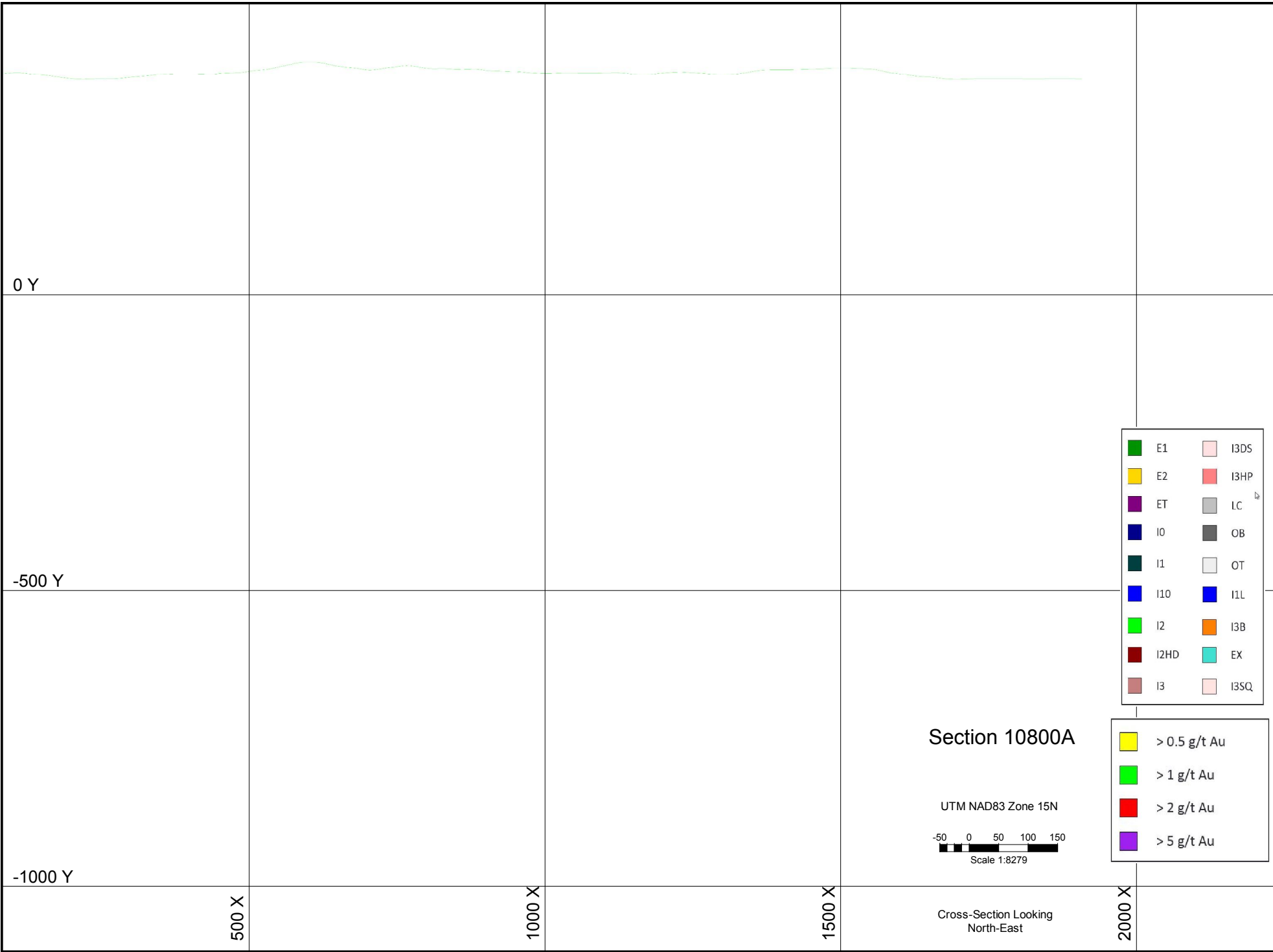
UTM NAD83 Zone 15N



Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



0 Y

-500 Y

-1000 Y

500 X

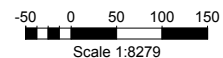
1000 X

1500 X

2000 X

Section 10800A

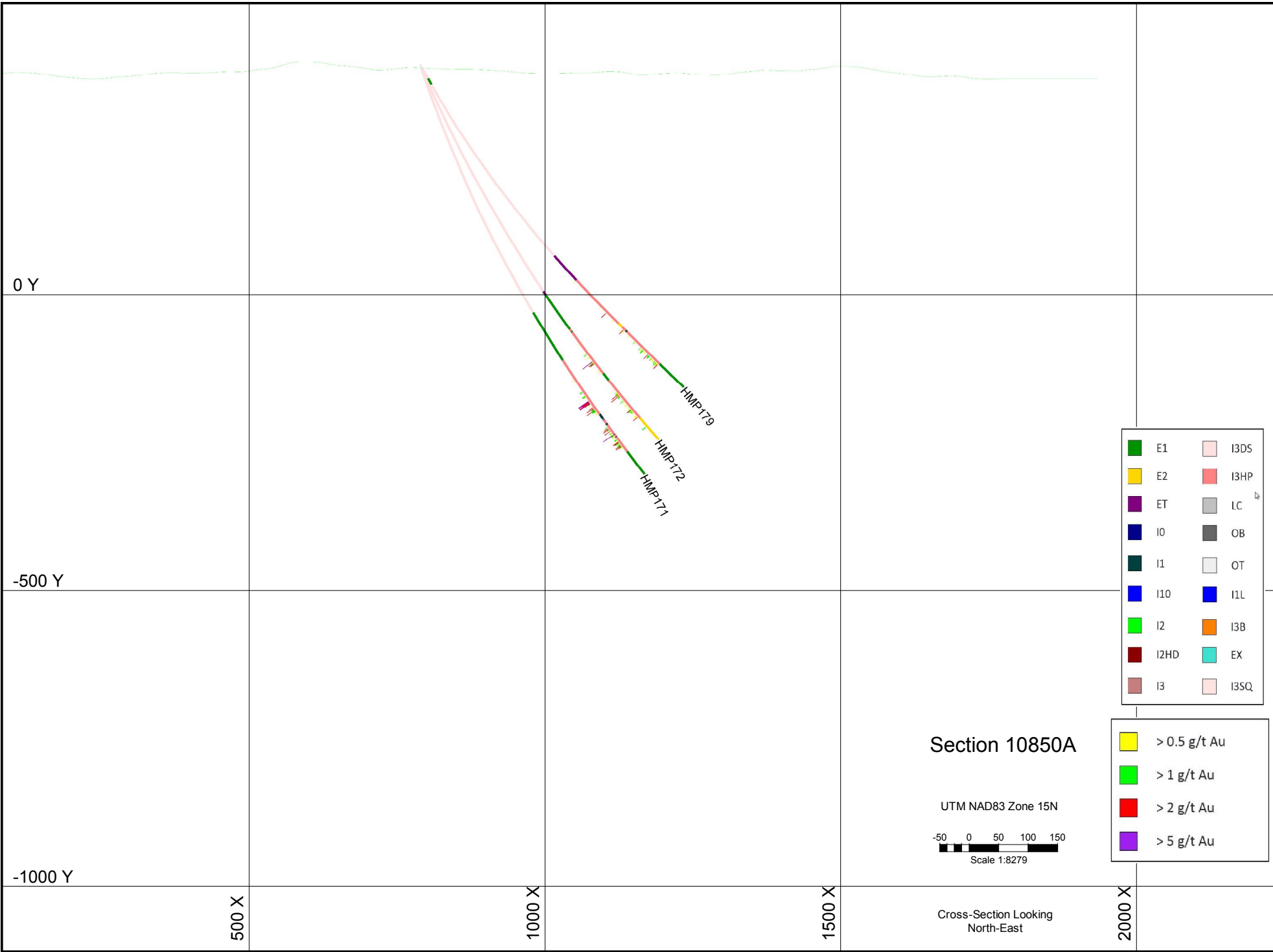
UTM NAD83 Zone 15N



Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



0 Y

-500 Y

-1000 Y

500 X

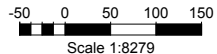
1000 X

1500 X

2000 X

Section 10850A

UTM NAD83 Zone 15N

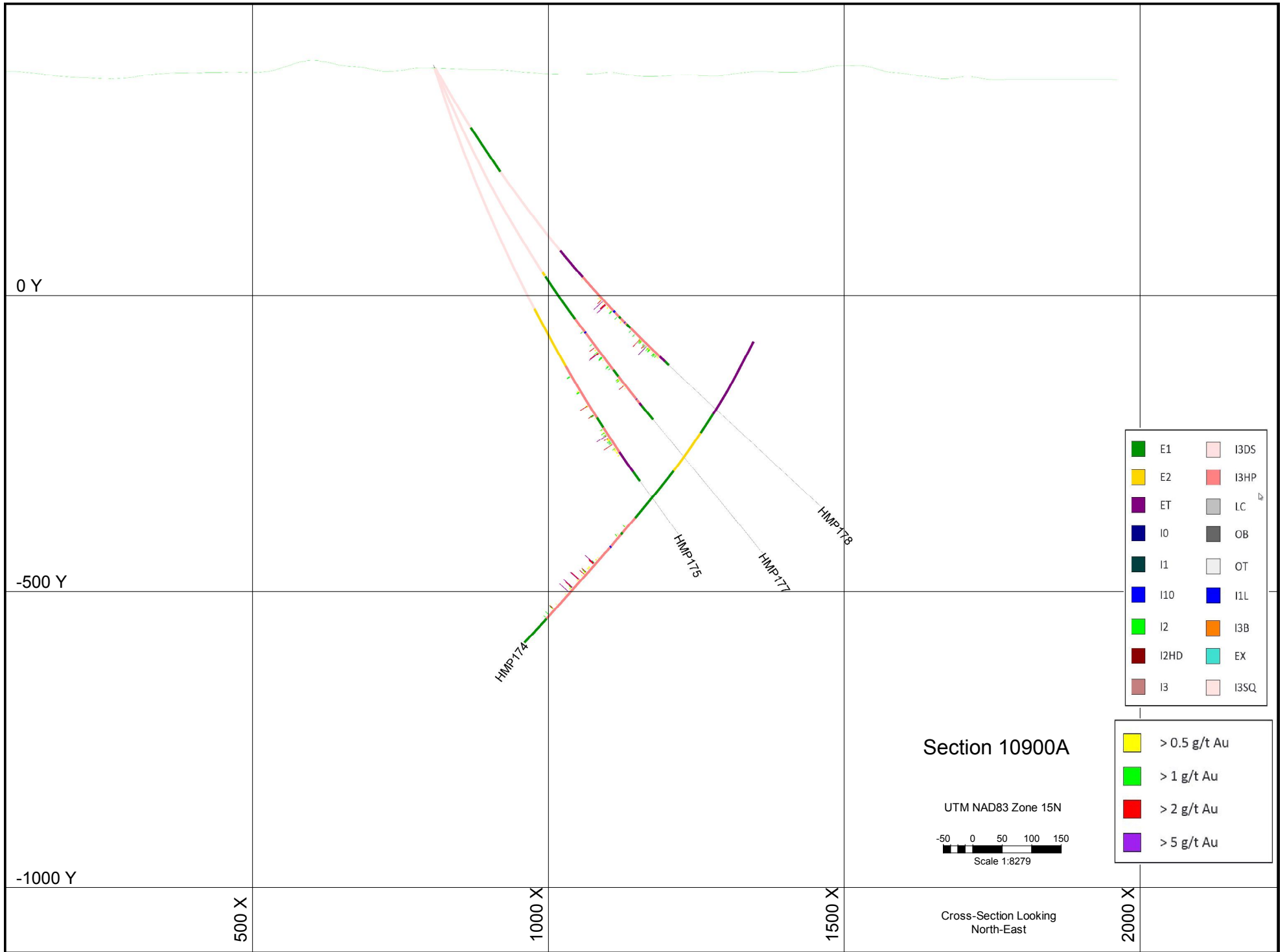


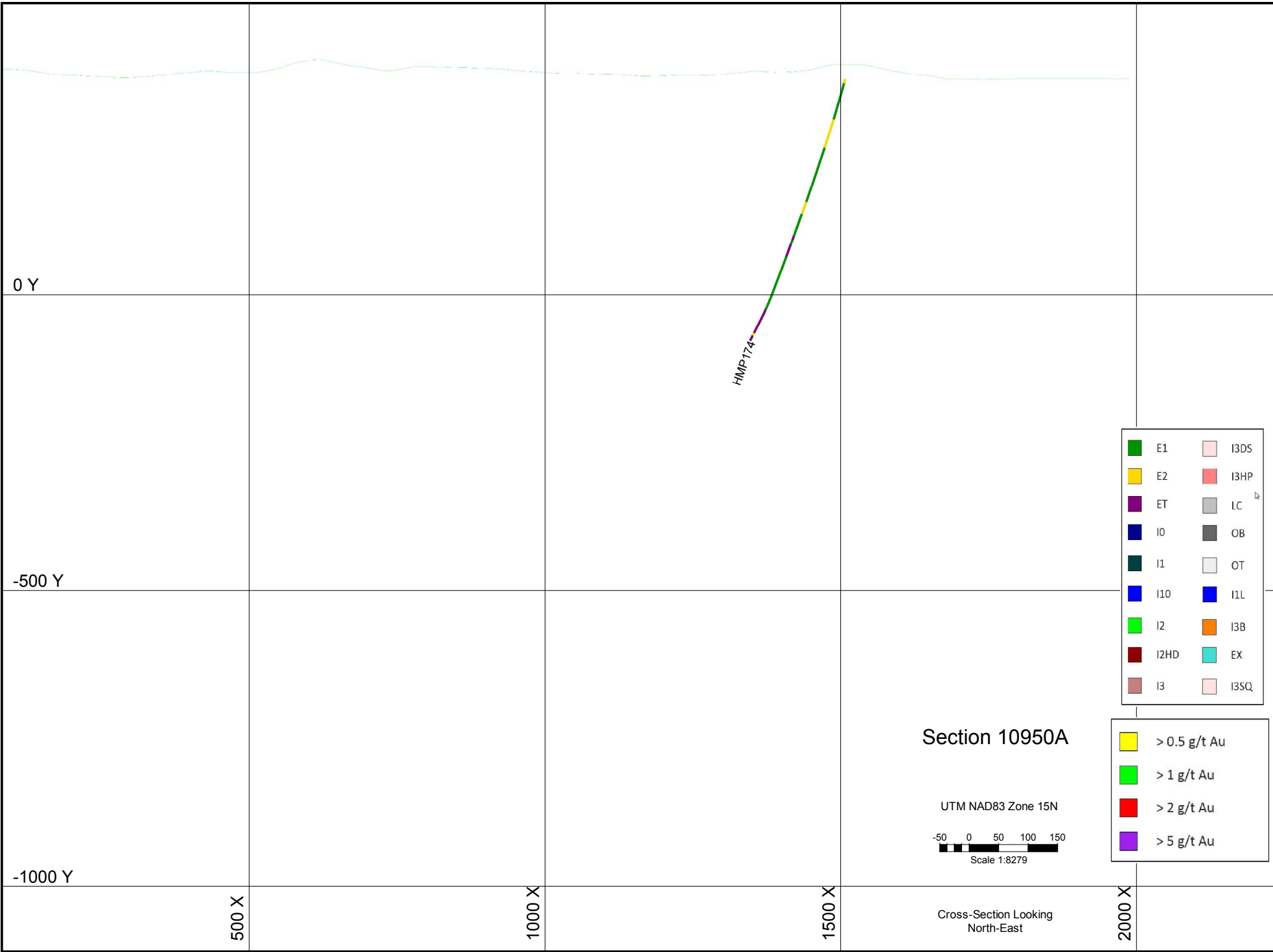
Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au







0 Y

-500 Y

-1000 Y

500 X

1000 X

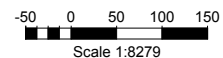
1500 X

2000 X

HMP174

Section 10950A

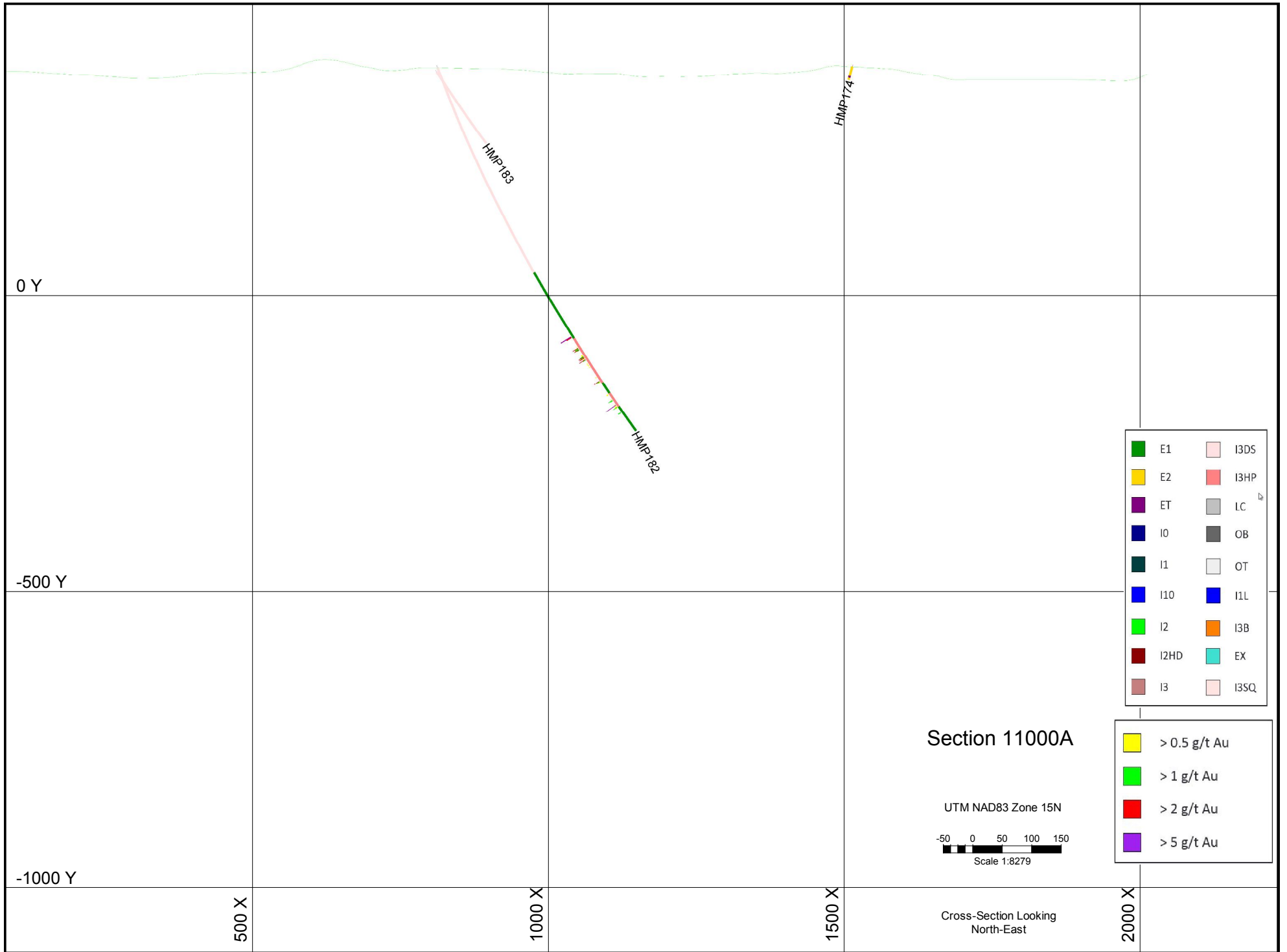
UTM NAD83 Zone 15N

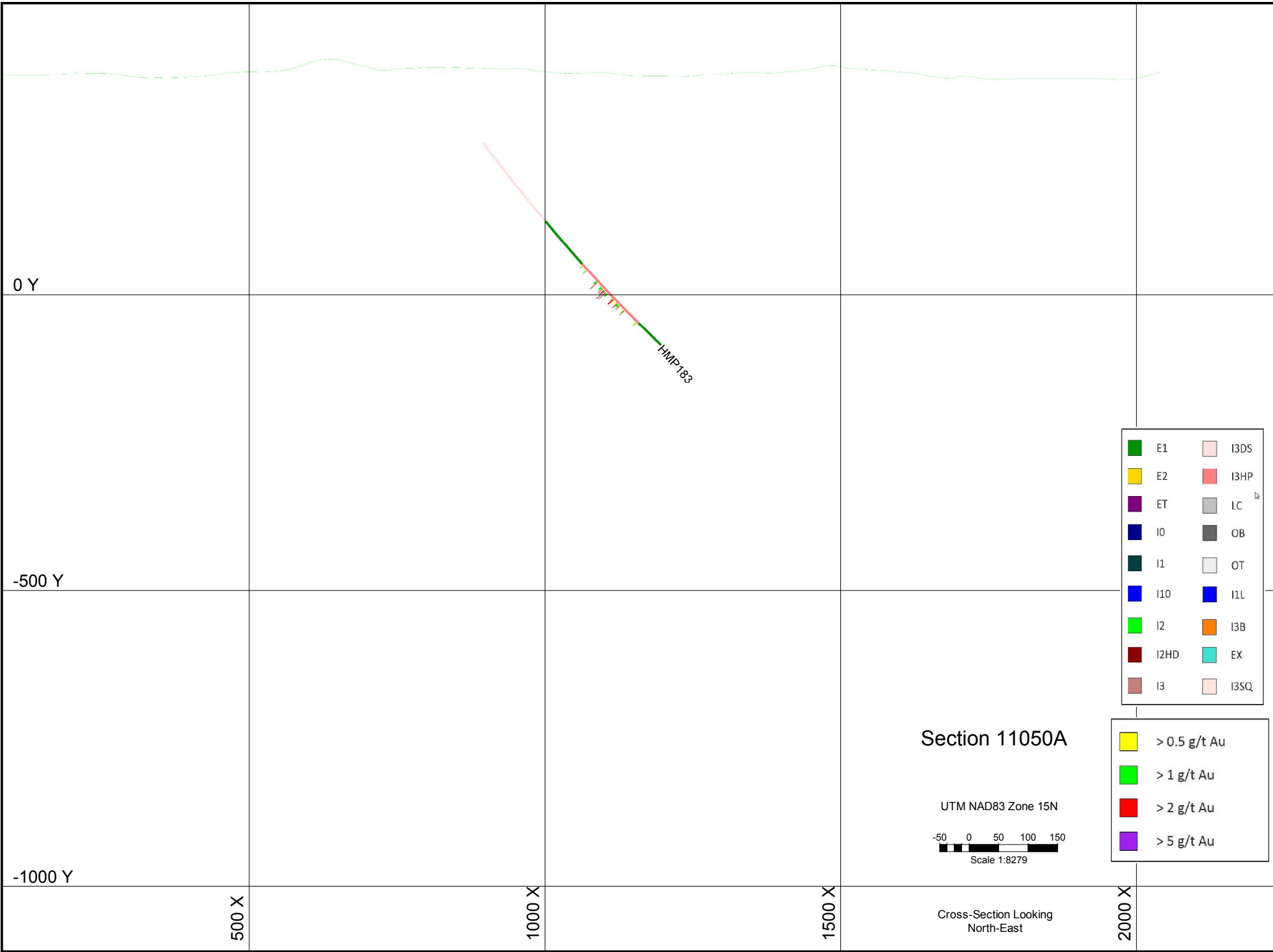


Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au





0 Y

-500 Y

-1000 Y

500 X

1000 X

1500 X

2000 X

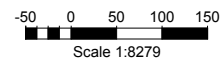
HMP-183

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

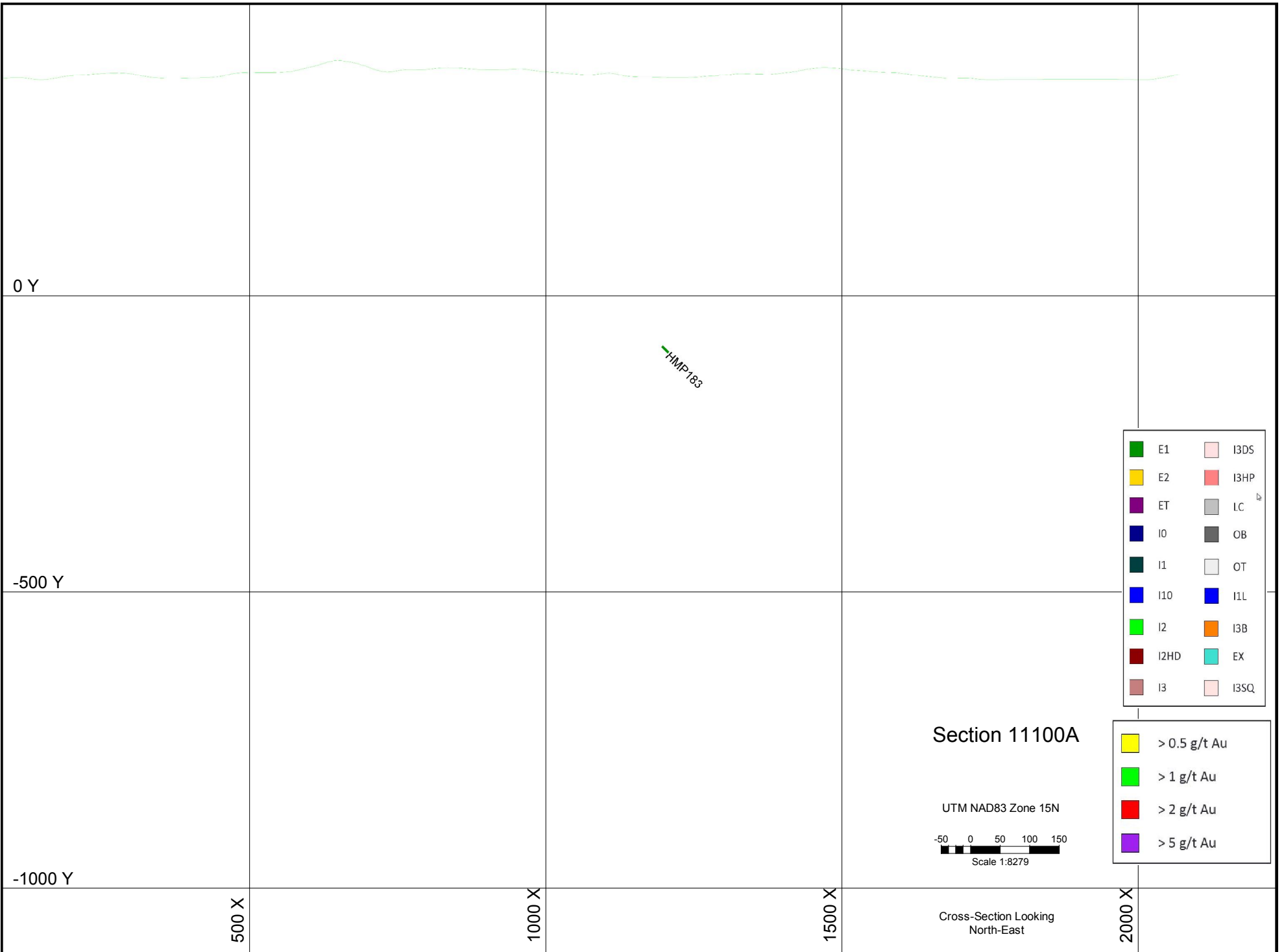
	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

Section 11050A

UTM NAD83 Zone 15N



Cross-Section Looking North-East



0 Y

-500 Y

-1000 Y

500 X

1000 X

1500 X

2000 X

HMP183

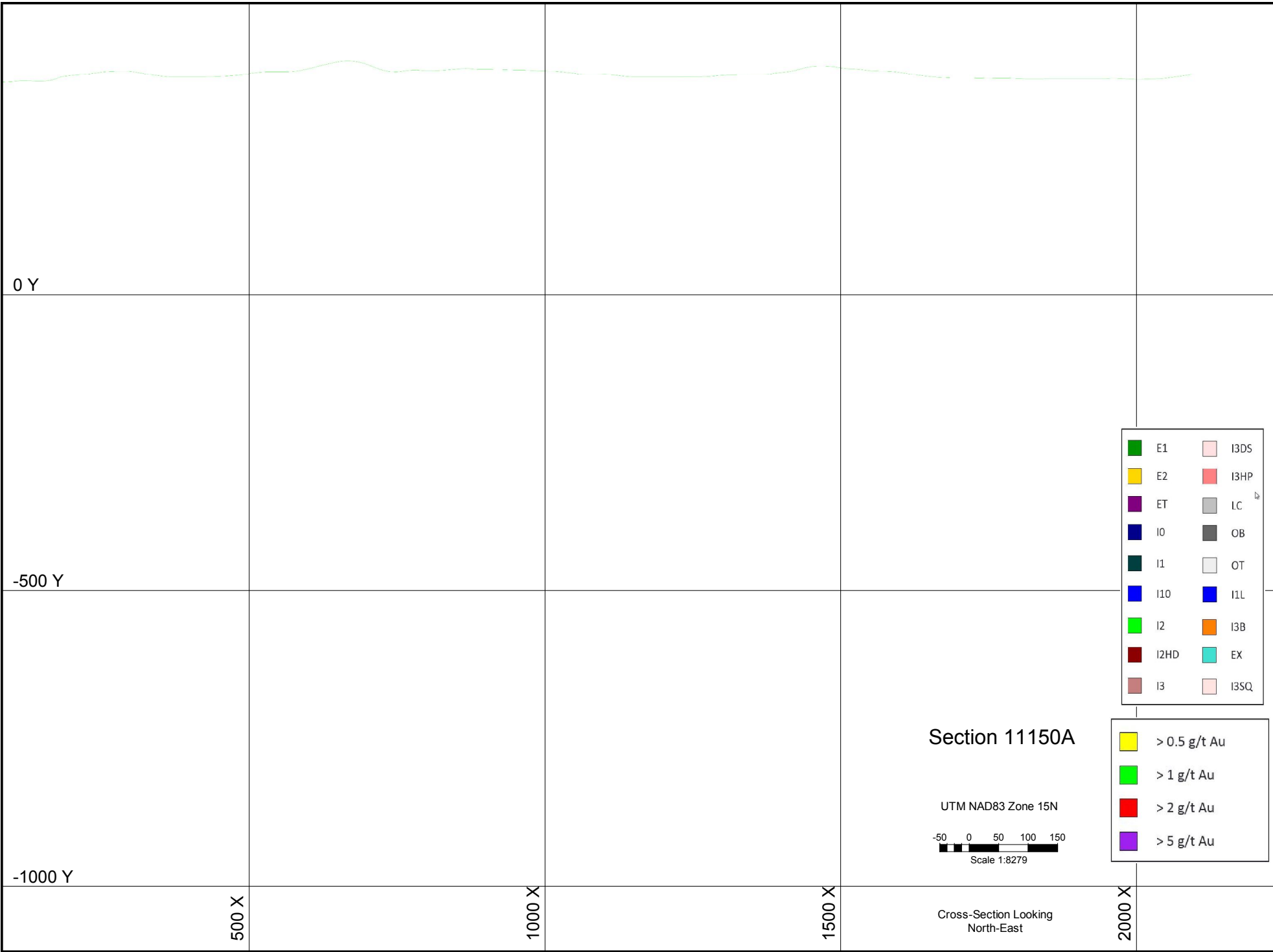
	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

Section 11100A

UTM NAD83 Zone 15N  
 -50 0 50 100 150  
 Scale 1:8279

Cross-Section Looking North-East



0 Y

-500 Y

-1000 Y

500 X

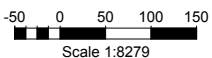
1000 X

1500 X

2000 X

Section 11150A

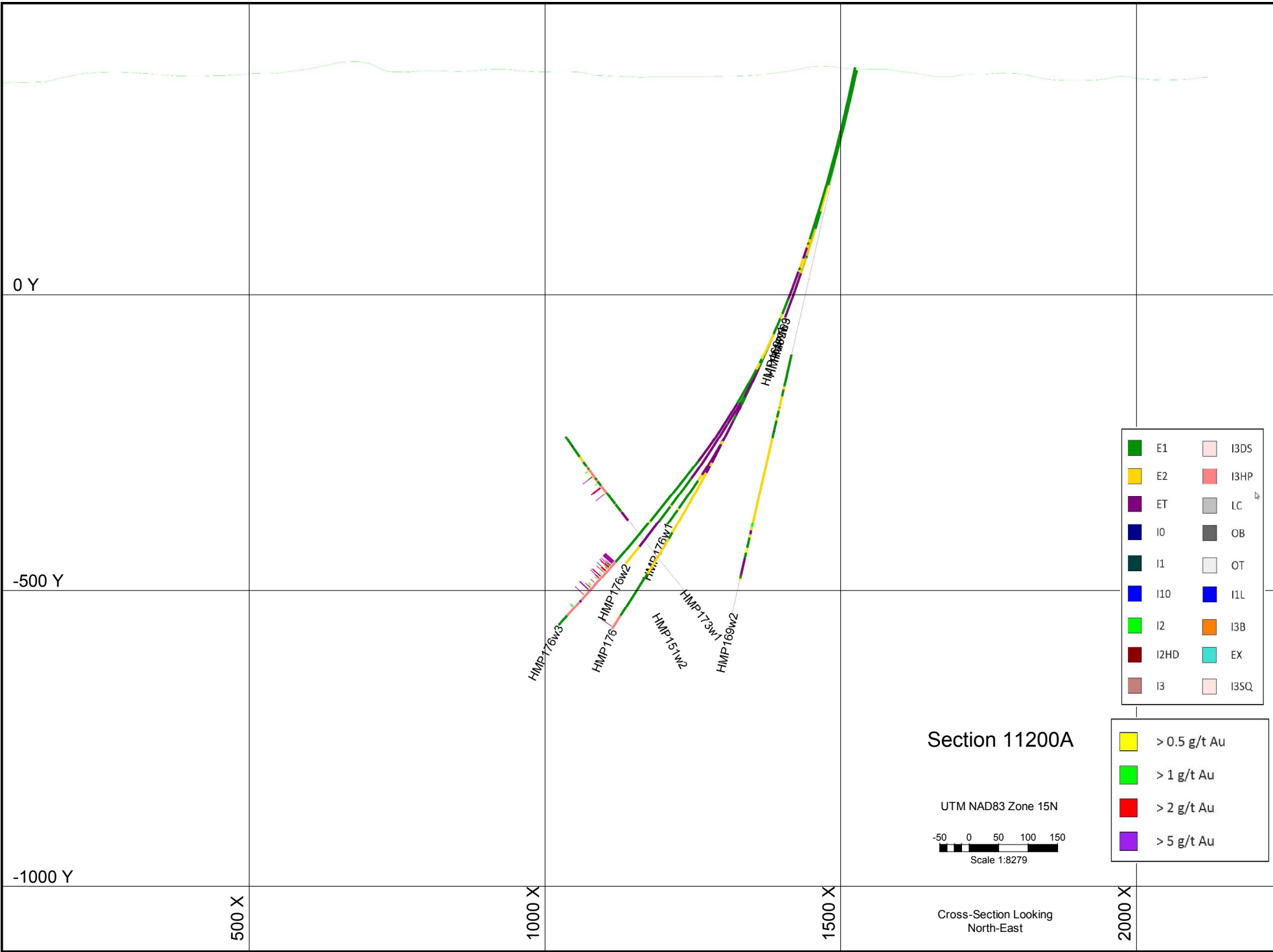
UTM NAD83 Zone 15N



Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



0 Y

-500 Y

-1000 Y

500 X

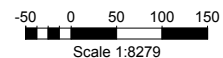
1000 X

1500 X

2000 X

Section 11200A

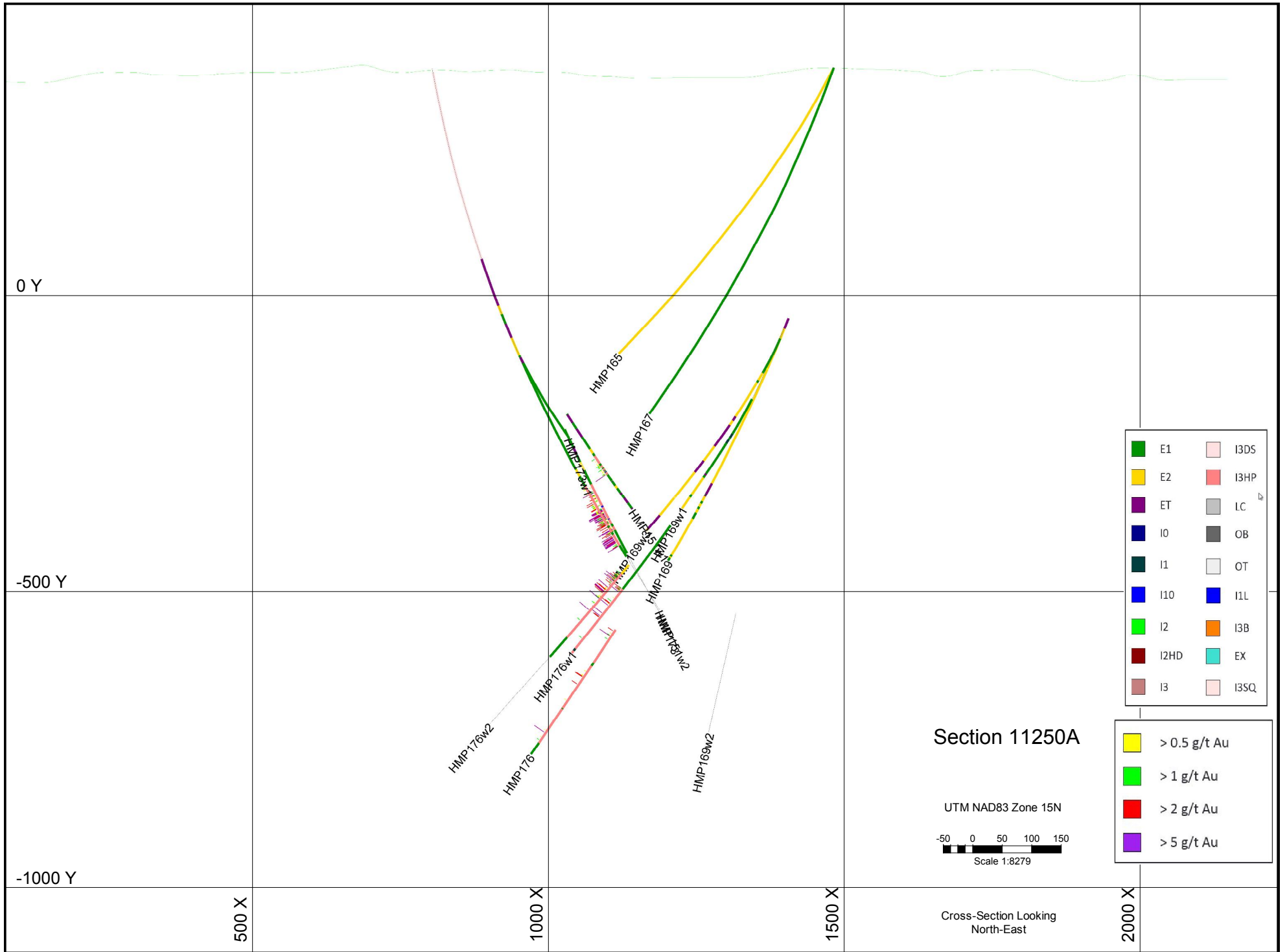
UTM NAD83 Zone 15N



Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



0 Y

-500 Y

-1000 Y

500 X

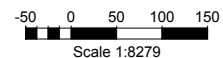
1000 X

1500 X

2000 X

Section 11250A

UTM NAD83 Zone 15N

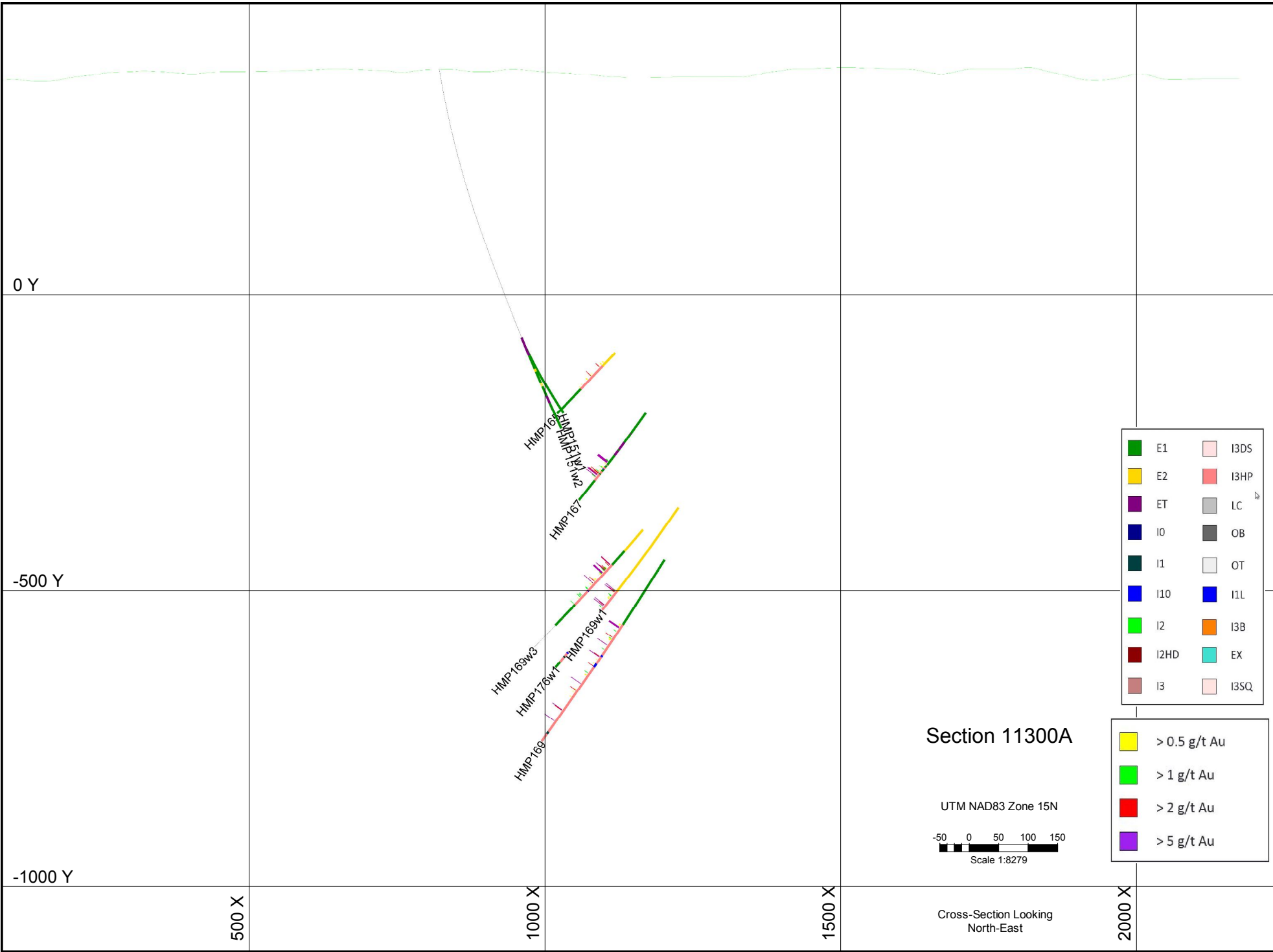


Cross-Section Looking North-East

E1	I3DS
E2	I3HP
ET	LC
I0	OB
I1	OT
I10	I1L
I2	I3B
I2HD	EX
I3	I3SQ

[Yellow box]	> 0.5 g/t Au
[Green box]	> 1 g/t Au
[Red box]	> 2 g/t Au
[Purple box]	> 5 g/t Au





0 Y

-500 Y

-1000 Y

500 X

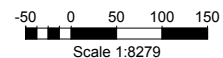
1000 X

1500 X

2000 X

Section 11300A

UTM NAD83 Zone 15N



Cross-Section Looking North-East

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

HMP169

HMP169w1

HMP169w2

HMP169w3

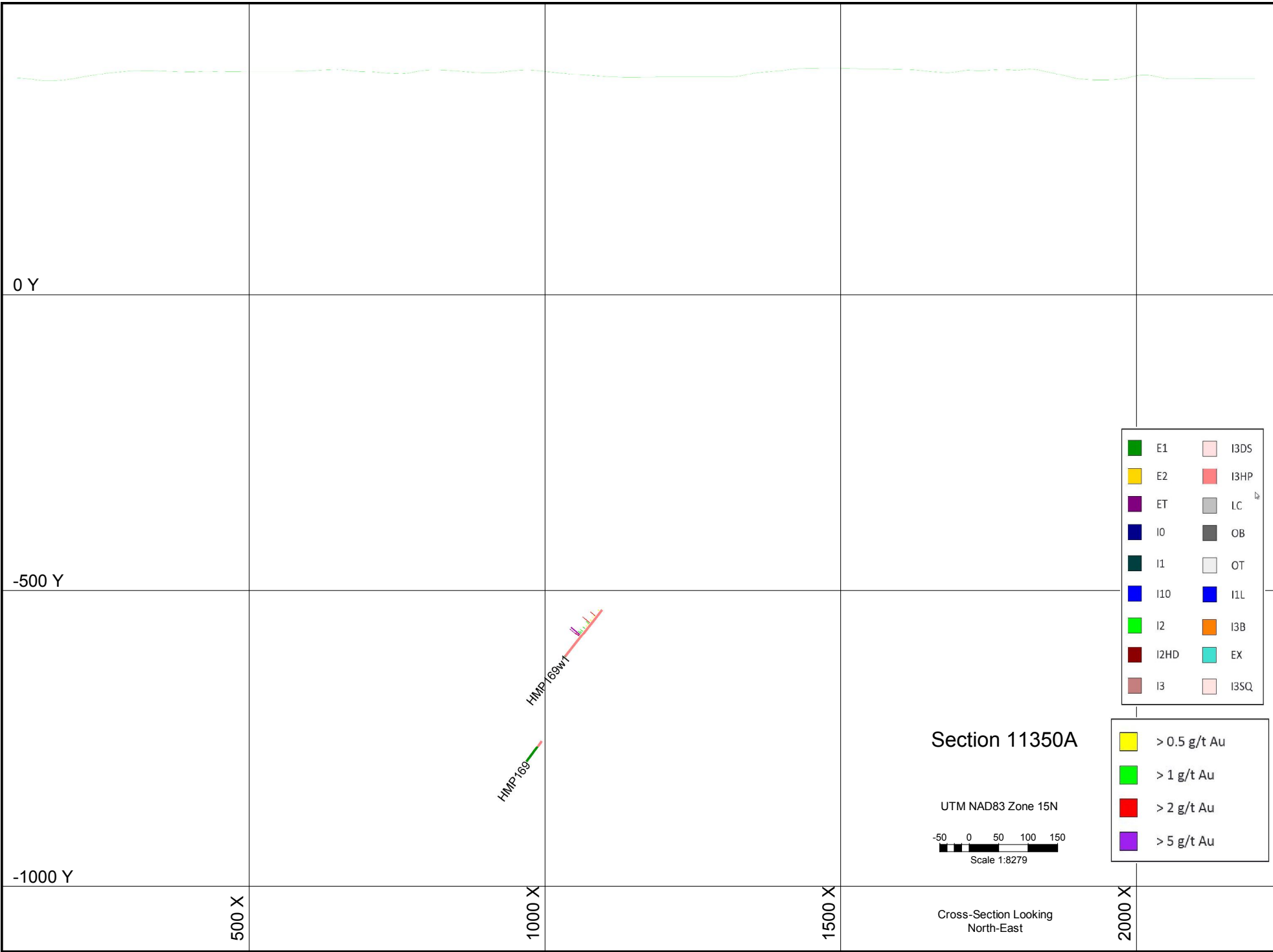
HMP167

HMP169w3

HMP176w1

HMP169w1

HMP169



0 Y

-500 Y

-1000 Y

500 X

1000 X

1500 X

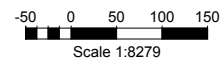
2000 X

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

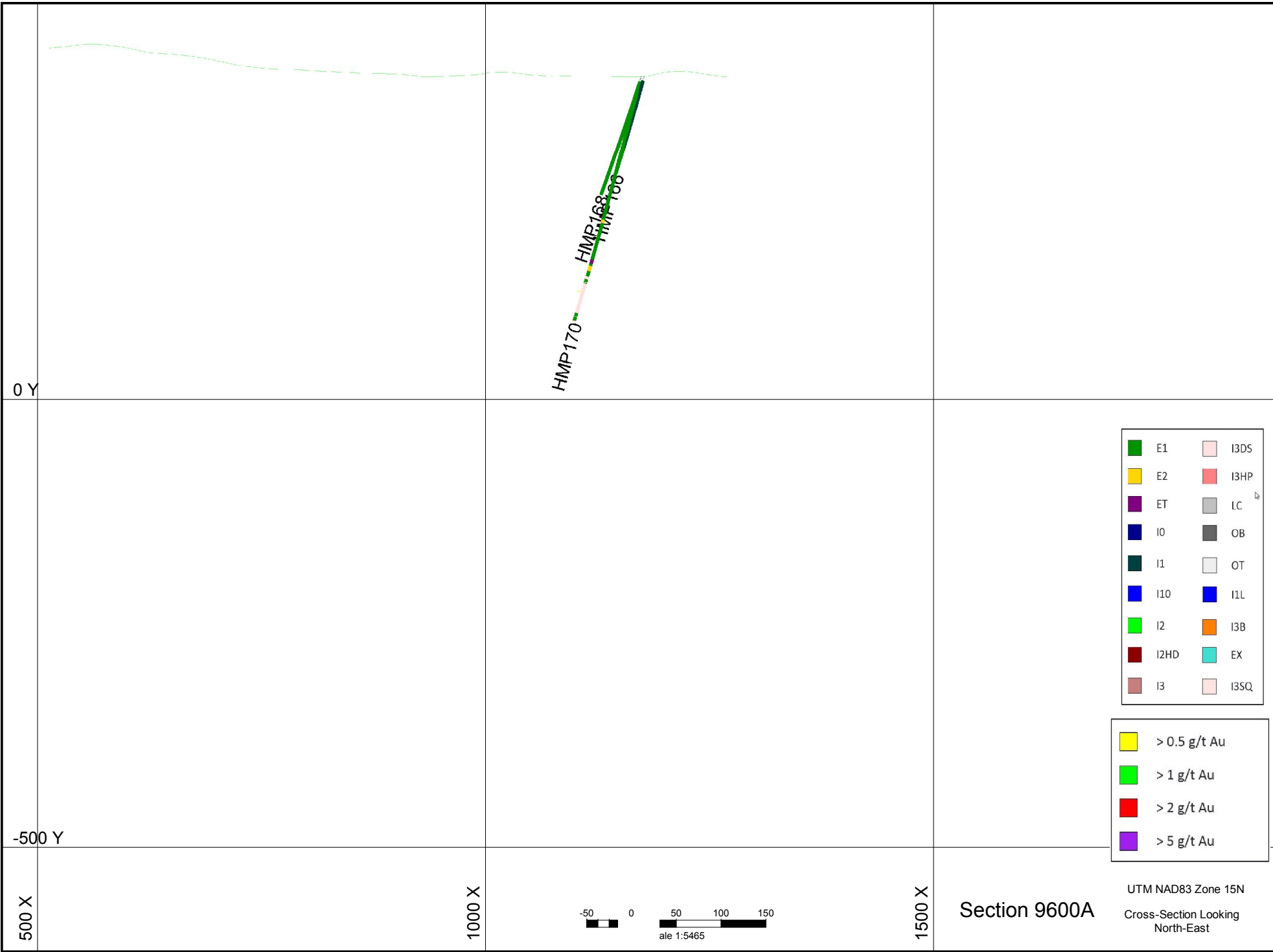
Section 11350A

UTM NAD83 Zone 15N



Cross-Section Looking North-East

HMP-169w1  
HMP-169



0 Y

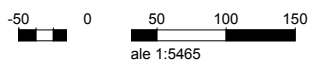
-500 Y

HMP170  
HMP168  
HMP166

500 X

1000 X

1500 X

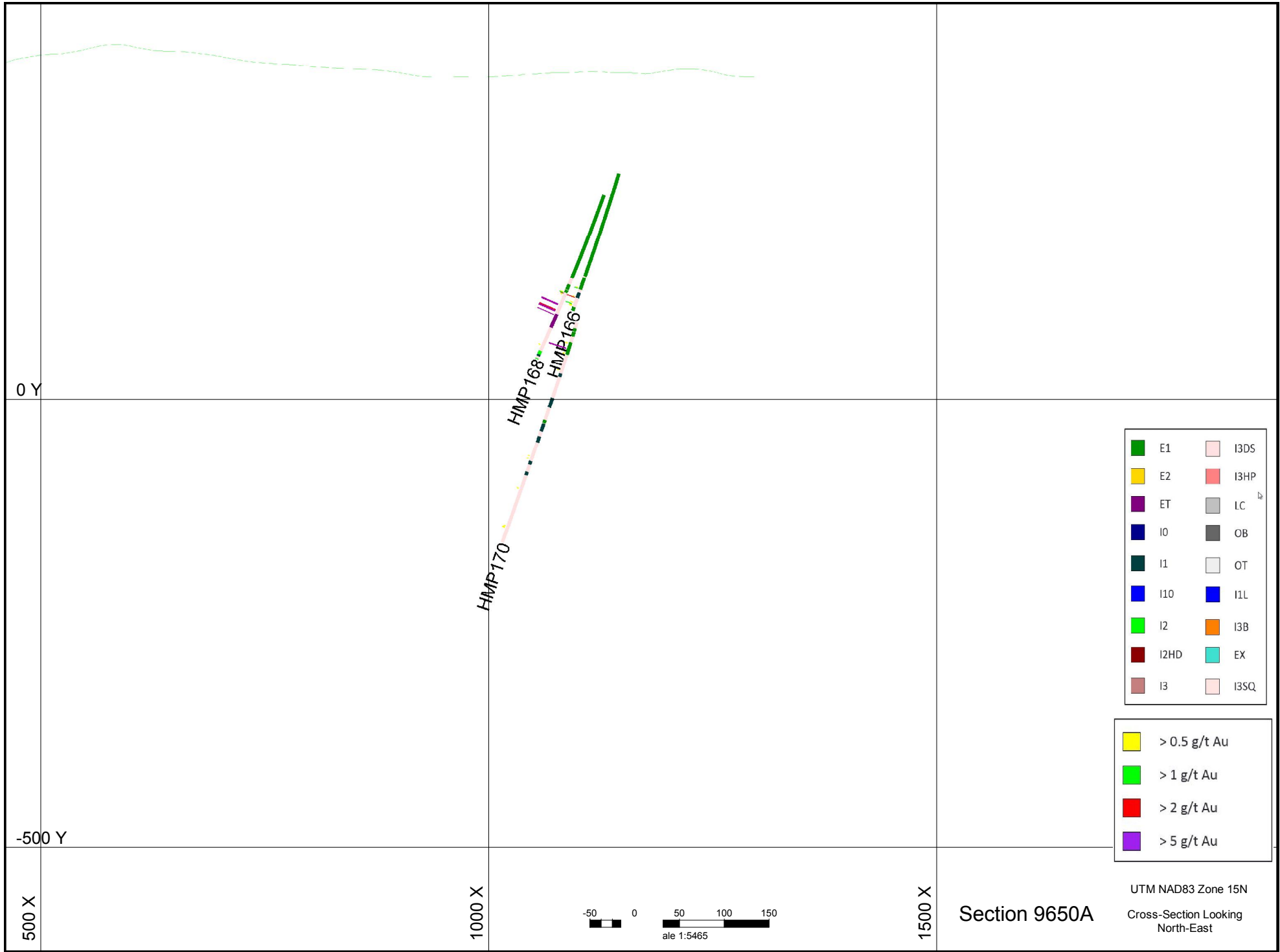


<span style="color: green;">■</span> E1	<span style="color: pink;">■</span> I3DS
<span style="color: yellow;">■</span> E2	<span style="color: red;">■</span> I3HP
<span style="color: purple;">■</span> ET	<span style="color: grey;">■</span> LC
<span style="color: blue;">■</span> I0	<span style="color: darkgrey;">■</span> OB
<span style="color: darkgreen;">■</span> I1	<span style="color: lightgrey;">■</span> OT
<span style="color: blue;">■</span> I10	<span style="color: blue;">■</span> I1L
<span style="color: lightgreen;">■</span> I2	<span style="color: orange;">■</span> I3B
<span style="color: darkred;">■</span> I2HD	<span style="color: cyan;">■</span> EX
<span style="color: brown;">■</span> I3	<span style="color: lightpink;">■</span> I3SQ

<span style="color: yellow;">■</span> > 0.5 g/t Au
<span style="color: green;">■</span> > 1 g/t Au
<span style="color: red;">■</span> > 2 g/t Au
<span style="color: purple;">■</span> > 5 g/t Au

Section 9600A

UTM NAD83 Zone 15N  
Cross-Section Looking North-East



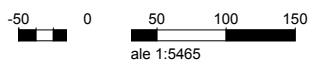
0 Y

-500 Y

500 X

1000 X

1500 X

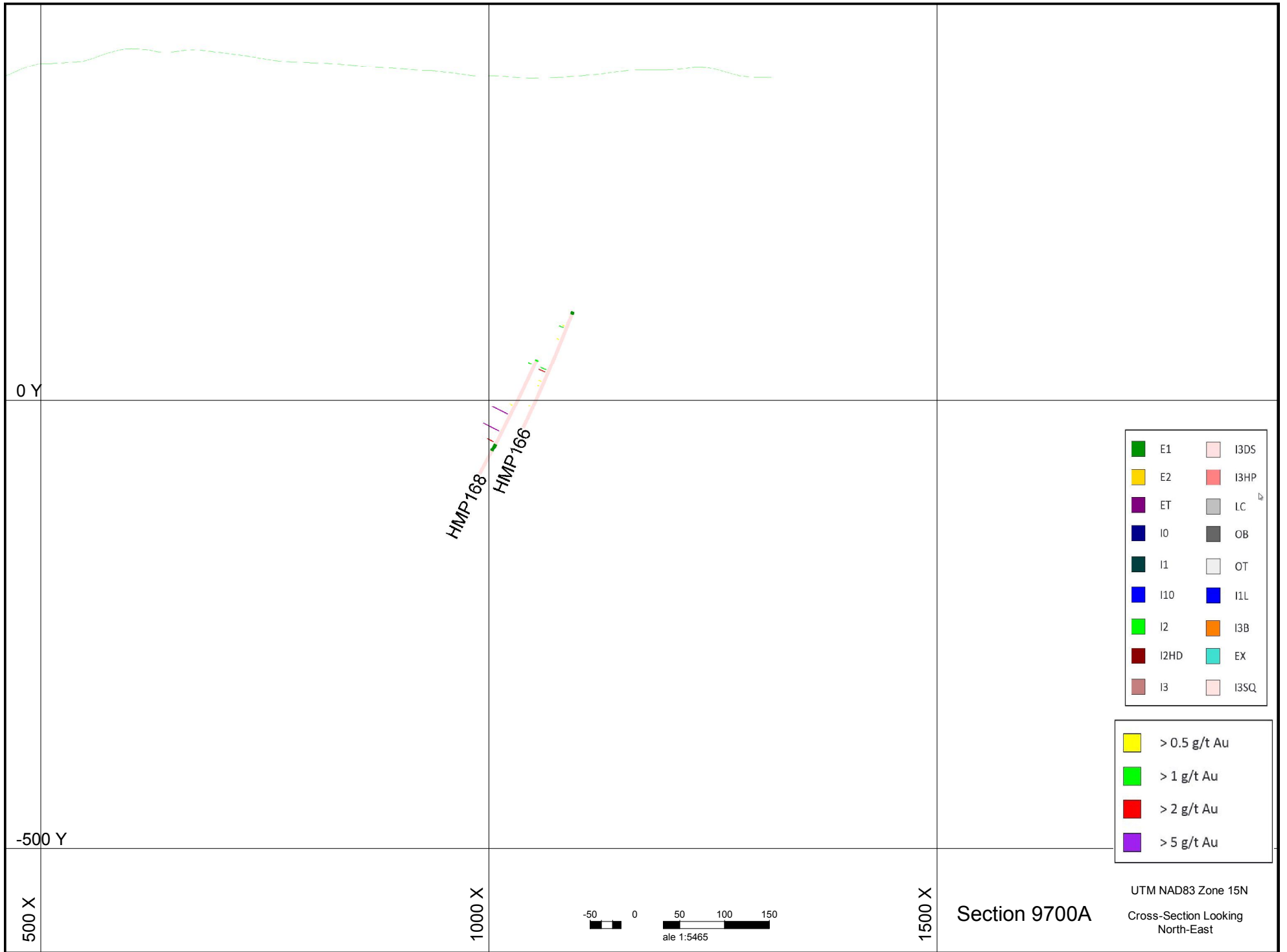


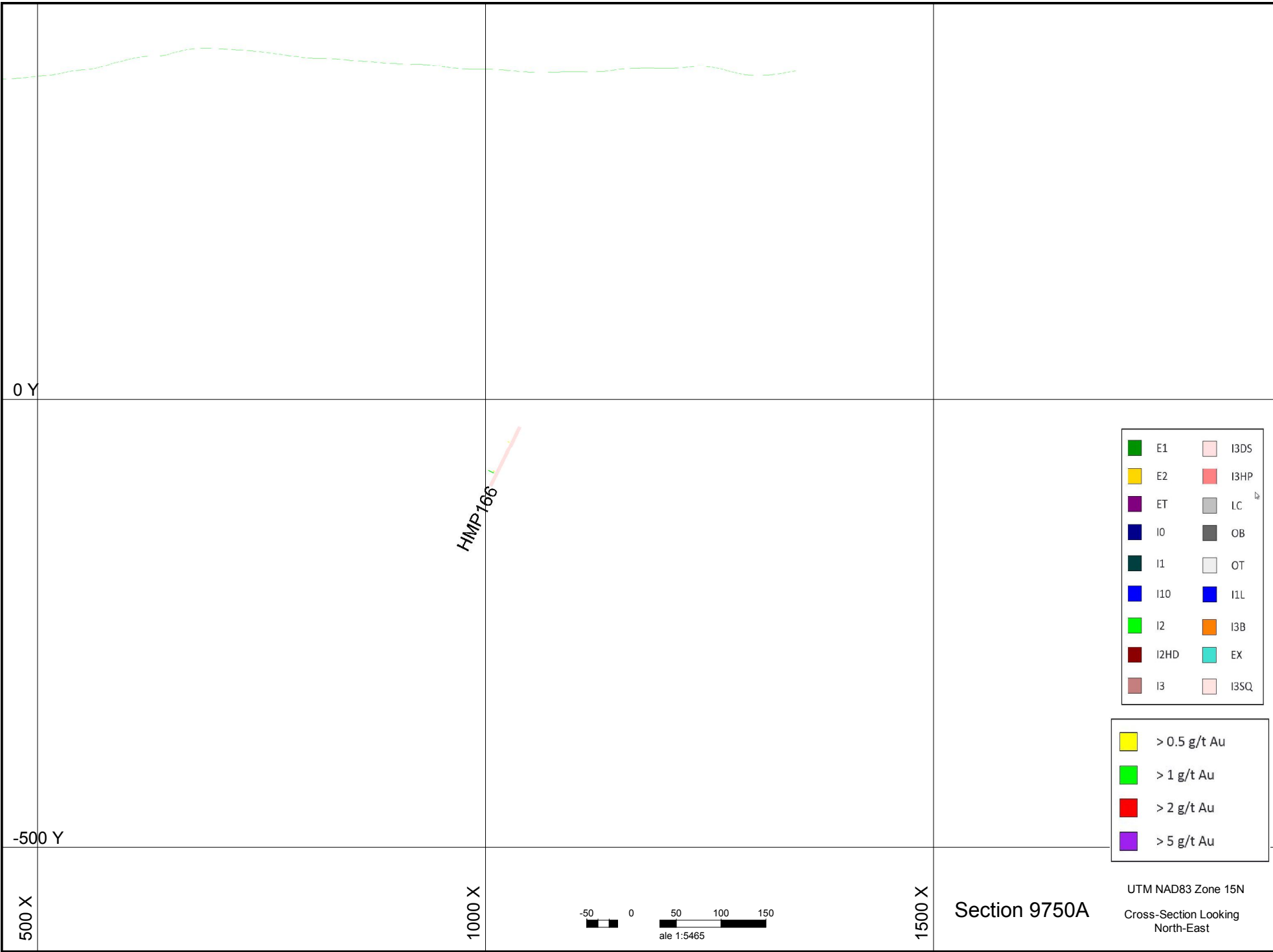
<span style="color: green;">■</span>	E1	<span style="color: lightpink;">■</span>	I3DS
<span style="color: yellow;">■</span>	E2	<span style="color: red;">■</span>	I3HP
<span style="color: purple;">■</span>	ET	<span style="color: gray;">■</span>	LC
<span style="color: blue;">■</span>	I0	<span style="color: black;">■</span>	OB
<span style="color: darkgreen;">■</span>	I1	<span style="color: lightgray;">■</span>	OT
<span style="color: blue;">■</span>	I10	<span style="color: blue;">■</span>	I1L
<span style="color: limegreen;">■</span>	I2	<span style="color: orange;">■</span>	I3B
<span style="color: darkred;">■</span>	I2HD	<span style="color: cyan;">■</span>	EX
<span style="color: brown;">■</span>	I3	<span style="color: lightpink;">■</span>	I3SQ

<span style="color: yellow;">■</span>	> 0.5 g/t Au
<span style="color: limegreen;">■</span>	> 1 g/t Au
<span style="color: red;">■</span>	> 2 g/t Au
<span style="color: purple;">■</span>	> 5 g/t Au

Section 9650A

UTM NAD83 Zone 15N  
Cross-Section Looking North-East





0 Y

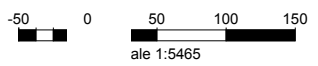
-500 Y

500 X

1000 X

1500 X

HMP166

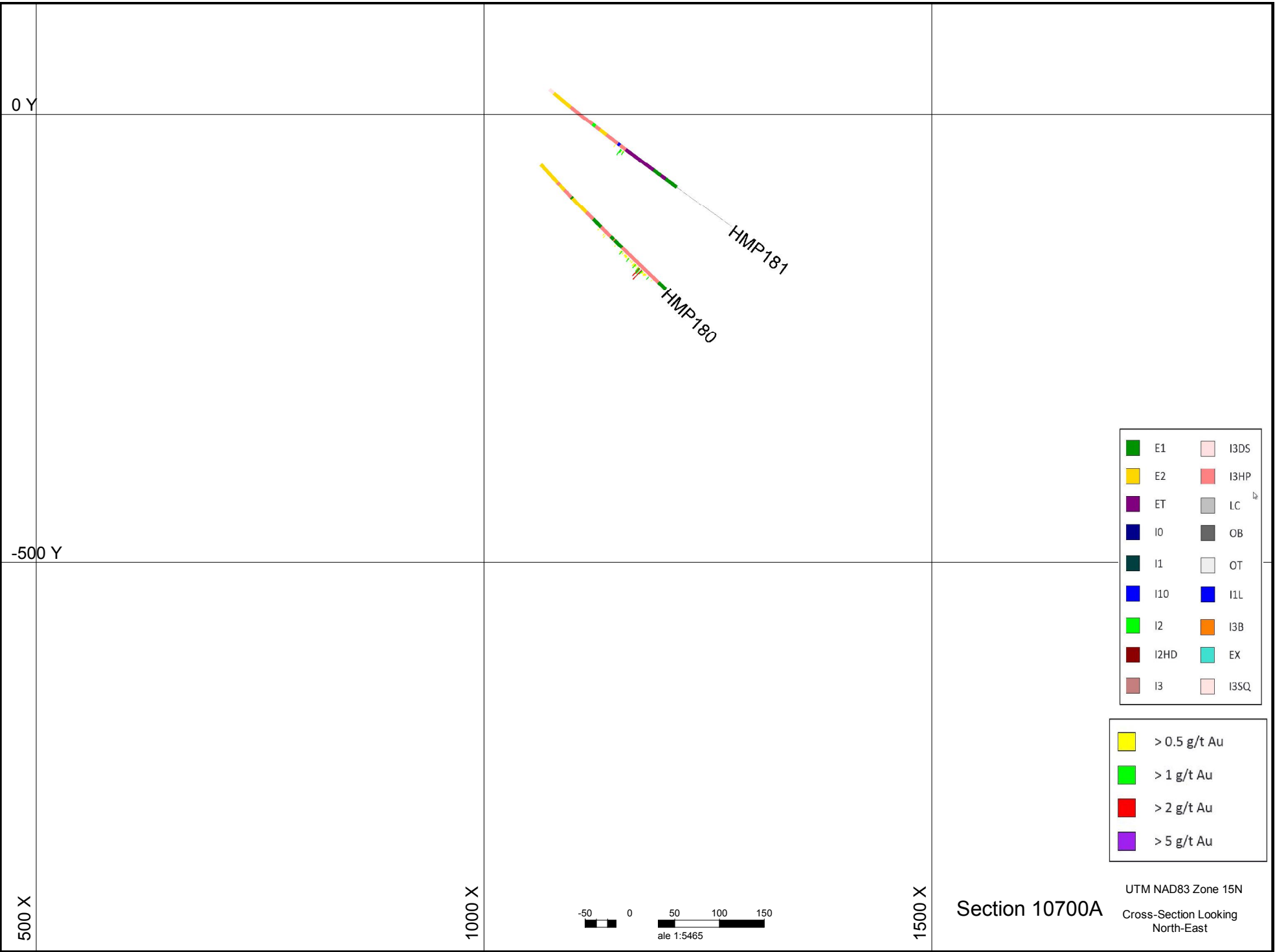


	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

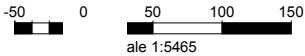
Section 9750A

UTM NAD83 Zone 15N  
Cross-Section Looking North-East



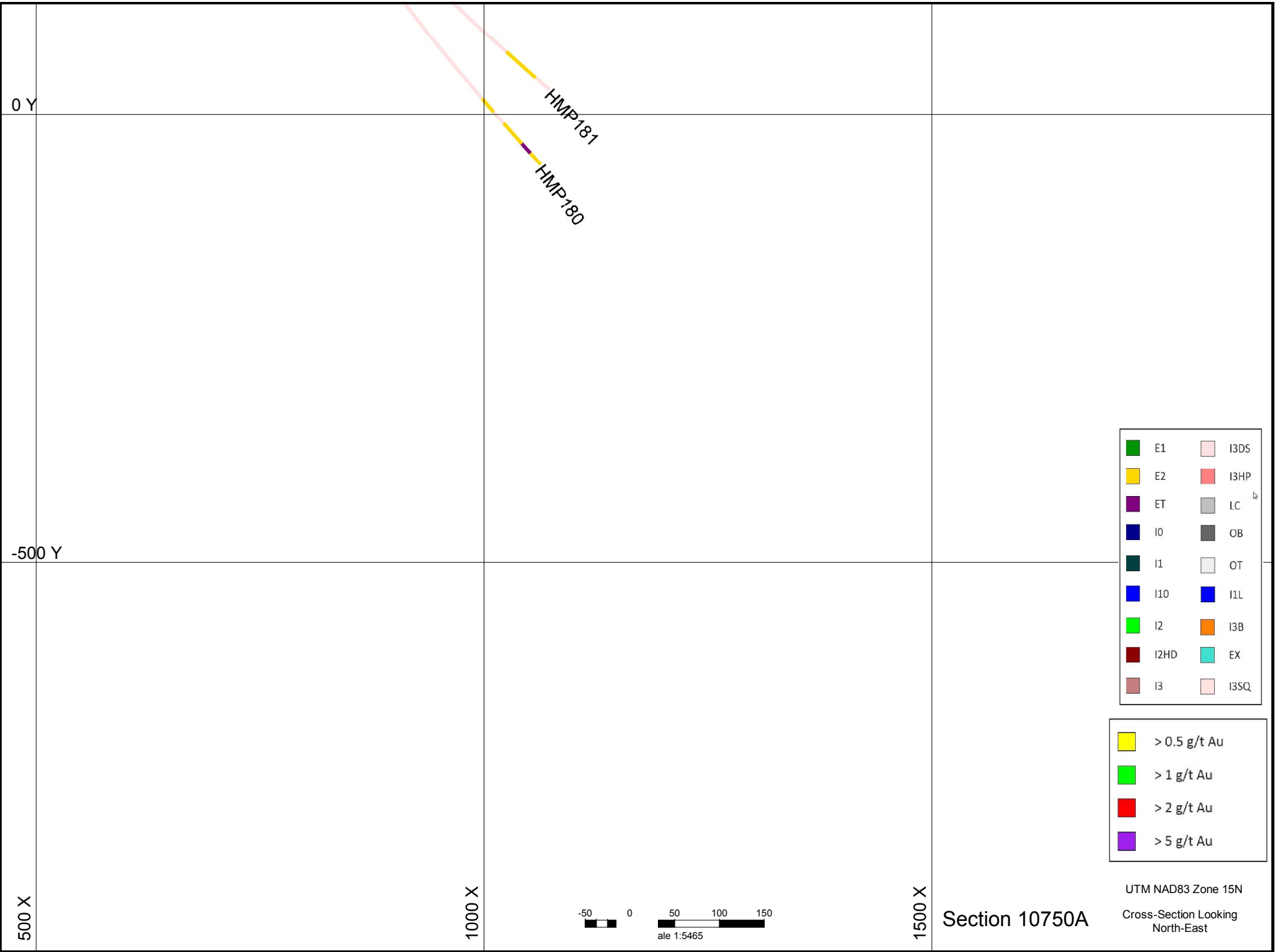
	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



Section 10700A

UTM NAD83 Zone 15N  
 Cross-Section Looking  
 North-East



0 Y

-500 Y



















500 X





1000 X

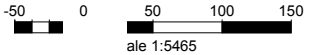
1500 X

HMP-181

HMP-180

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



Section 10750A

UTM NAD83 Zone 15N  
Cross-Section Looking North-East



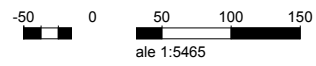
0 Y

-500 Y

500 X

1000 X

1500 X

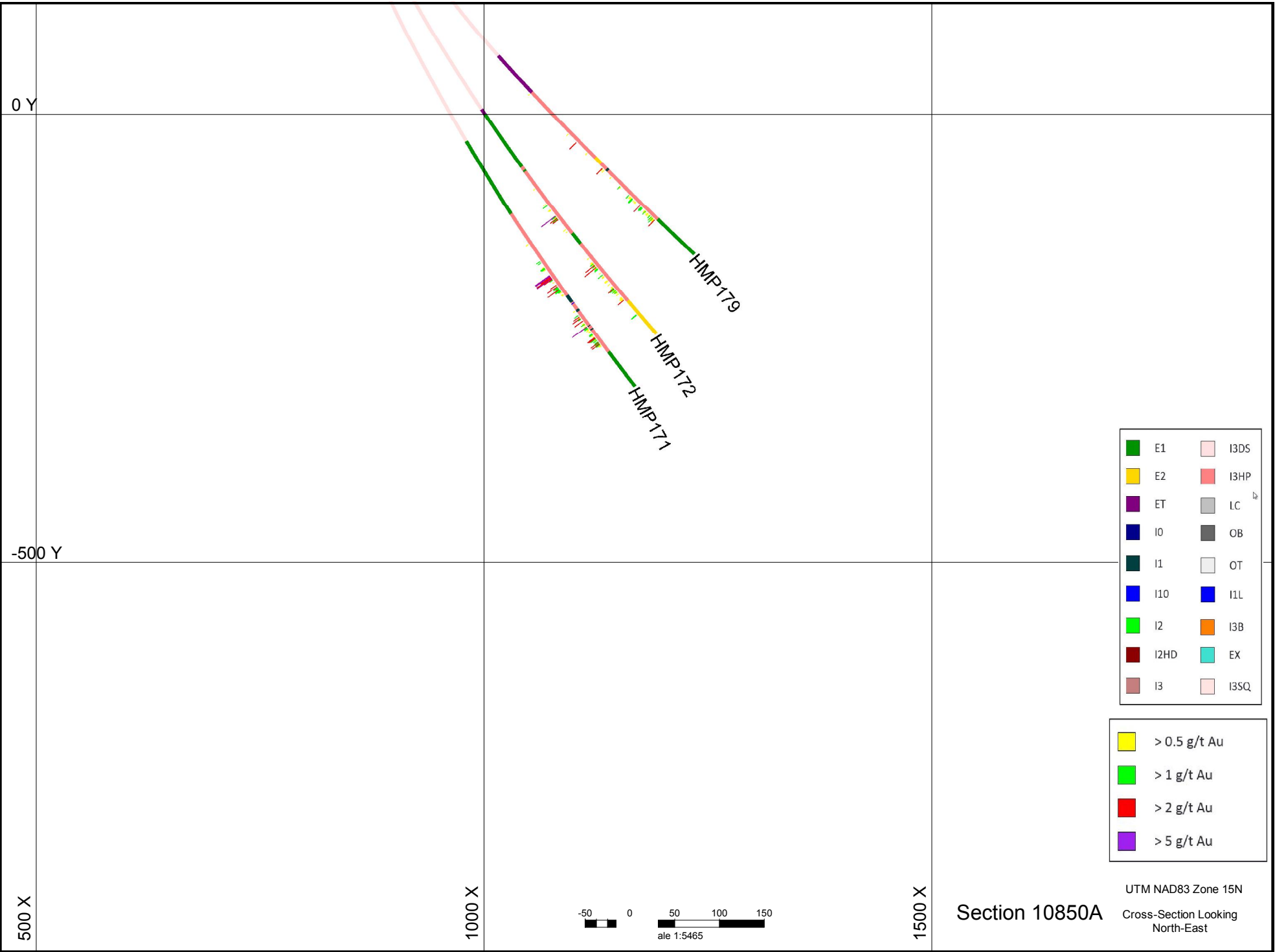


	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

Section 10800A

UTM NAD83 Zone 15N  
Cross-Section Looking  
North-East

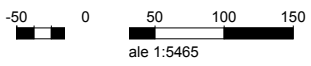


0 Y

-500 Y

500 X

1000 X



1500 X

HMP179

HMP172

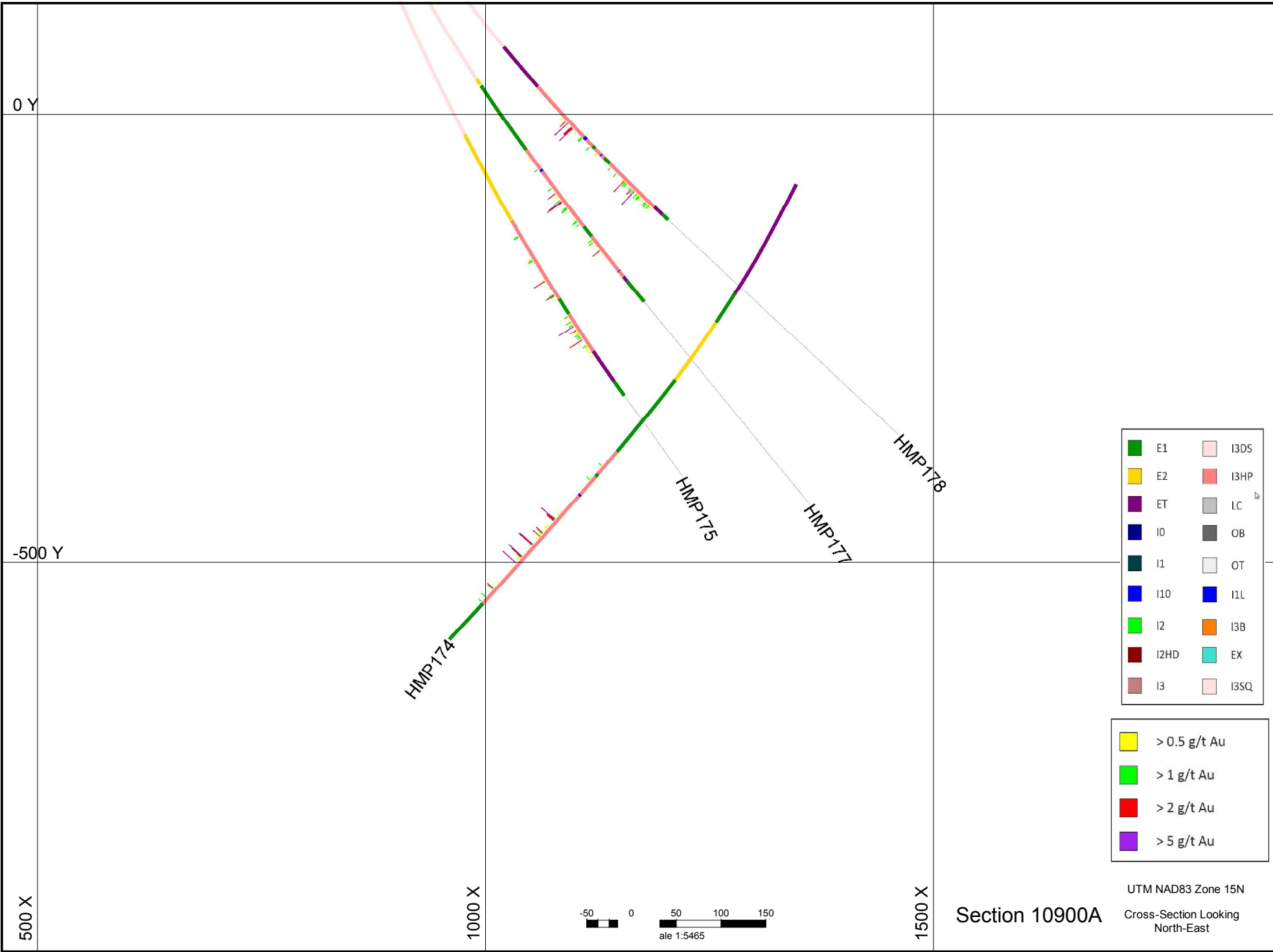
HMP171

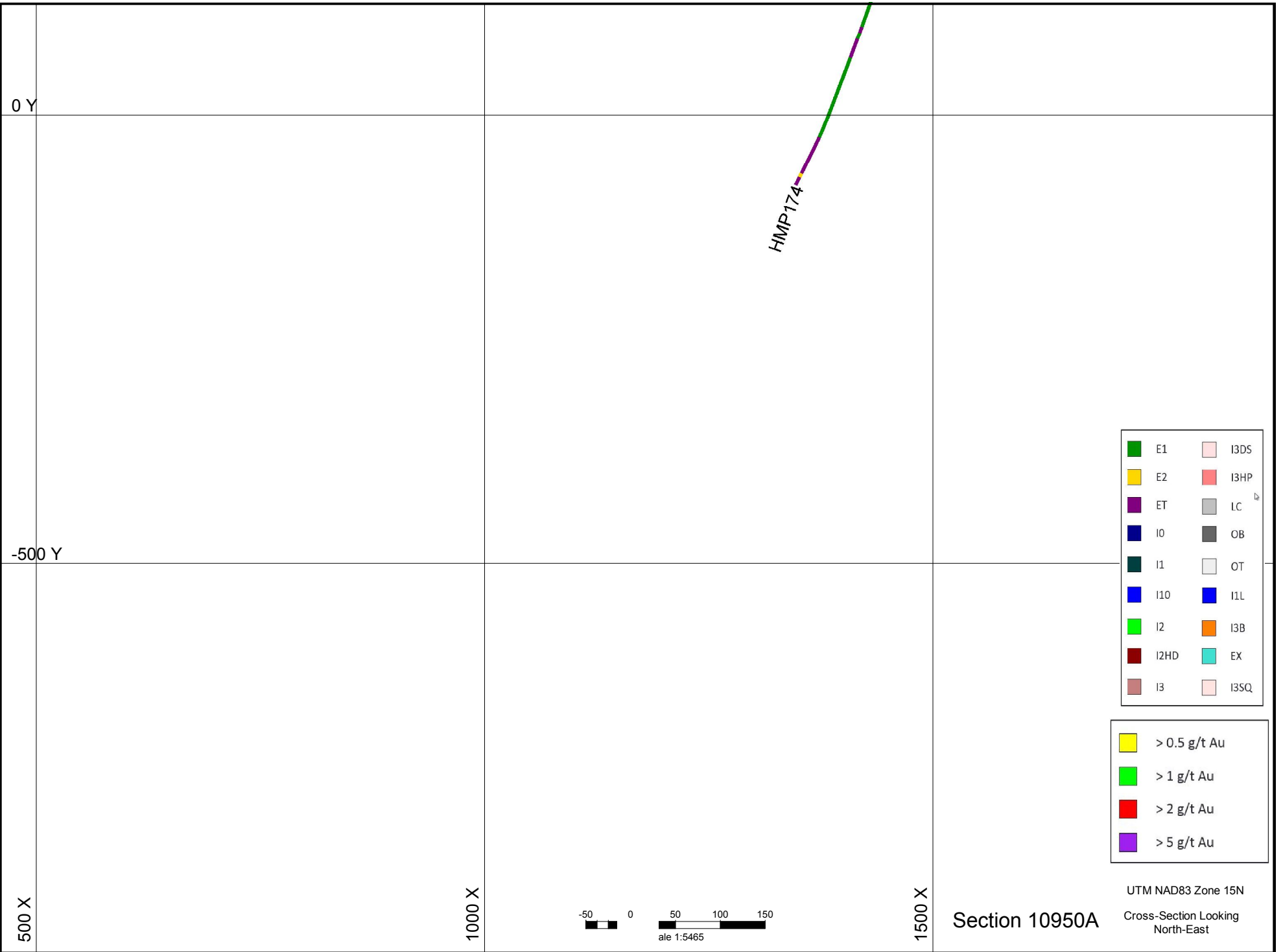
E1	I3DS
E2	I3HP
ET	LC
I0	OB
I1	OT
I10	I1L
I2	I3B
I2HD	EX
I3	I3SQ

> 0.5 g/t Au
> 1 g/t Au
> 2 g/t Au
> 5 g/t Au

Section 10850A

UTM NAD83 Zone 15N  
Cross-Section Looking North-East





0 Y



















-500 Y





500 X

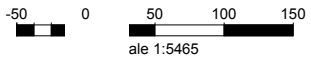
1000 X

1500 X

HMP174

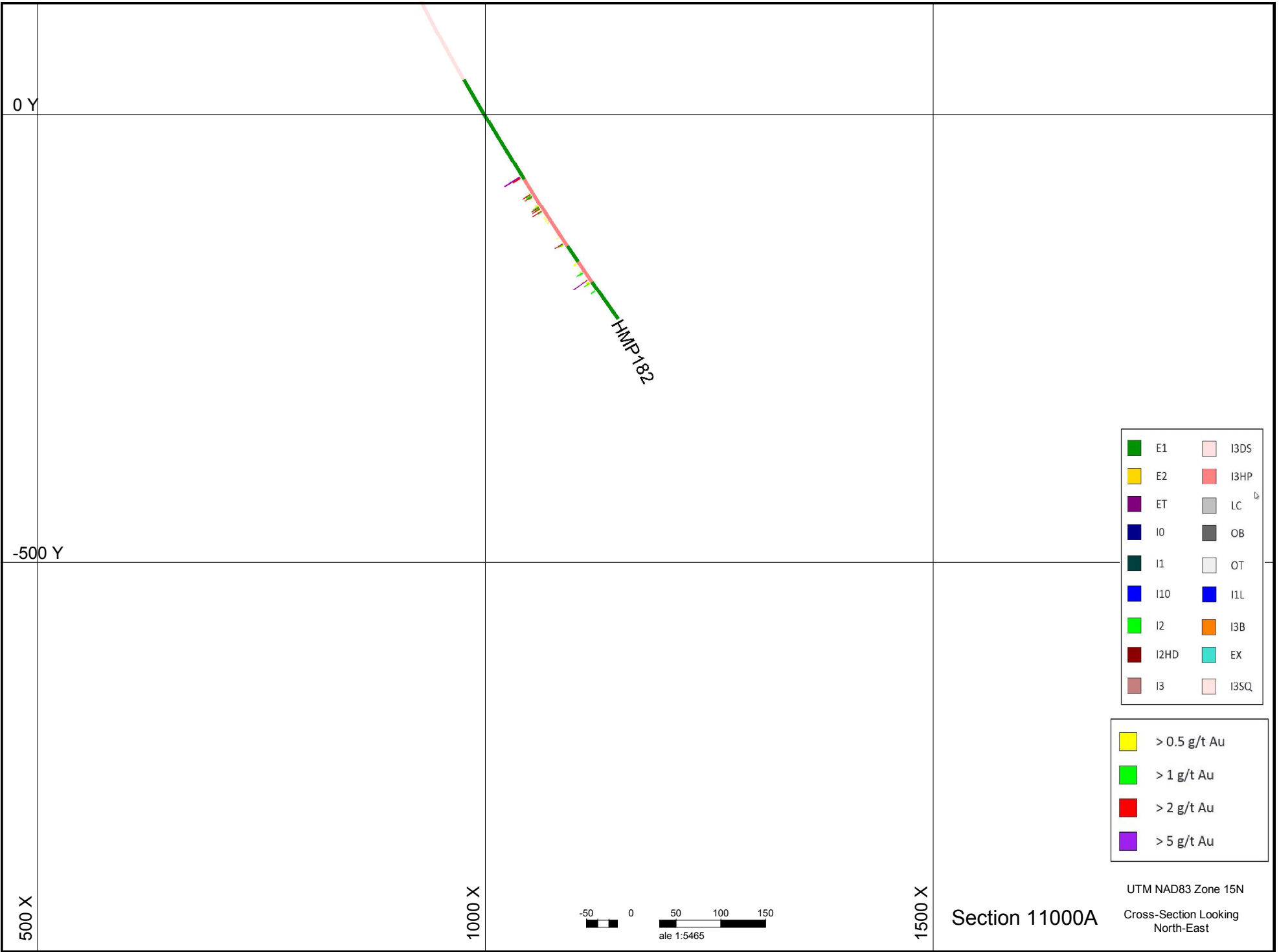
	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



Section 10950A

UTM NAD83 Zone 15N  
Cross-Section Looking North-East



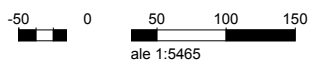
0 Y

-500 Y

500 X

1000 X

1500 X



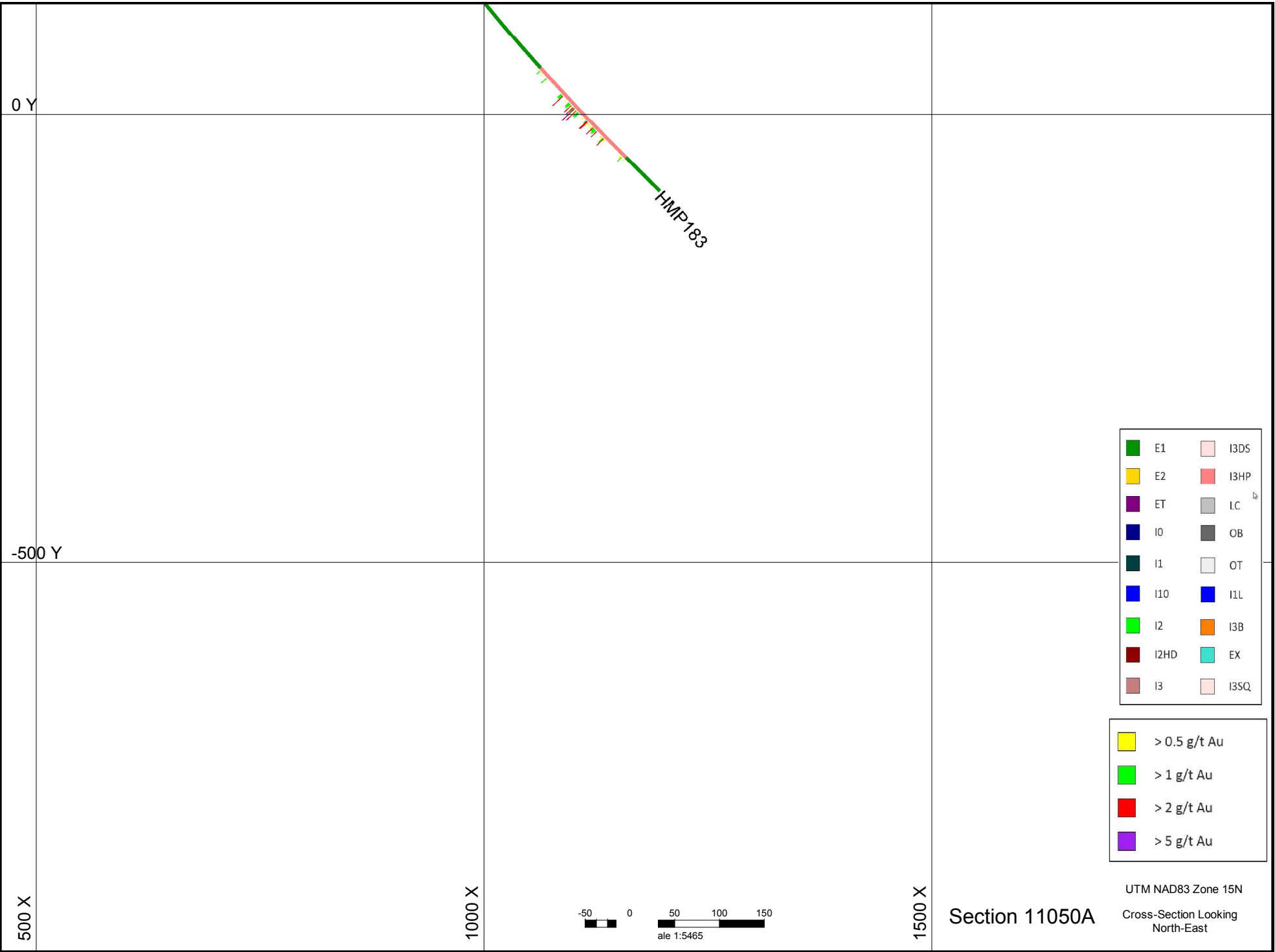
<span style="color: green;">■</span> E1	<span style="color: lightpink;">■</span> I3DS
<span style="color: yellow;">■</span> E2	<span style="color: red;">■</span> I3HP
<span style="color: purple;">■</span> ET	<span style="color: gray;">■</span> LC
<span style="color: blue;">■</span> I0	<span style="color: darkgray;">■</span> OB
<span style="color: darkgreen;">■</span> I1	<span style="color: lightgray;">■</span> OT
<span style="color: blue;">■</span> I10	<span style="color: blue;">■</span> I1L
<span style="color: lightgreen;">■</span> I2	<span style="color: orange;">■</span> I3B
<span style="color: darkred;">■</span> I2HD	<span style="color: cyan;">■</span> EX
<span style="color: brown;">■</span> I3	<span style="color: lightpink;">■</span> I3SQ

<span style="color: yellow;">■</span> > 0.5 g/t Au
<span style="color: green;">■</span> > 1 g/t Au
<span style="color: red;">■</span> > 2 g/t Au
<span style="color: purple;">■</span> > 5 g/t Au

Section 11000A

UTM NAD83 Zone 15N  
Cross-Section Looking North-East

HMP 182



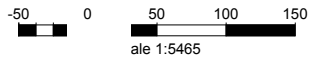
0 Y

-500 Y

500 X

1000 X

1500 X



	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

Section 11050A

UTM NAD83 Zone 15N  
Cross-Section Looking  
North-East

0 Y



















-500 Y





500 X

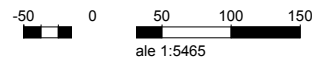
1000 X

1500 X

HMP183

	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au



Section 11100A

UTM NAD83 Zone 15N  
Cross-Section Looking  
North-East

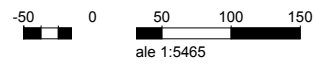
0 Y

-500 Y

500 X

1000 X

1500 X



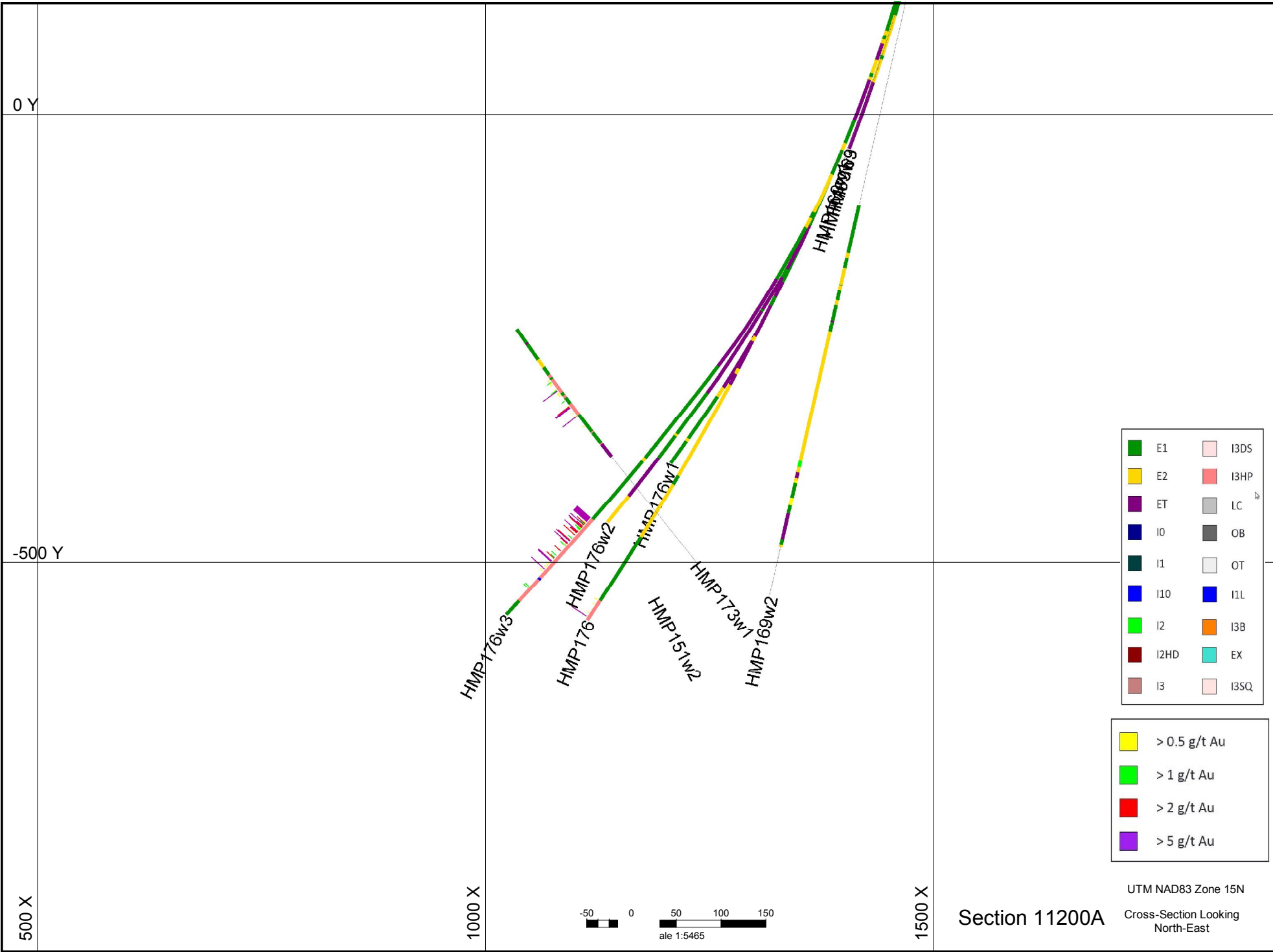
	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

### Section 11150A

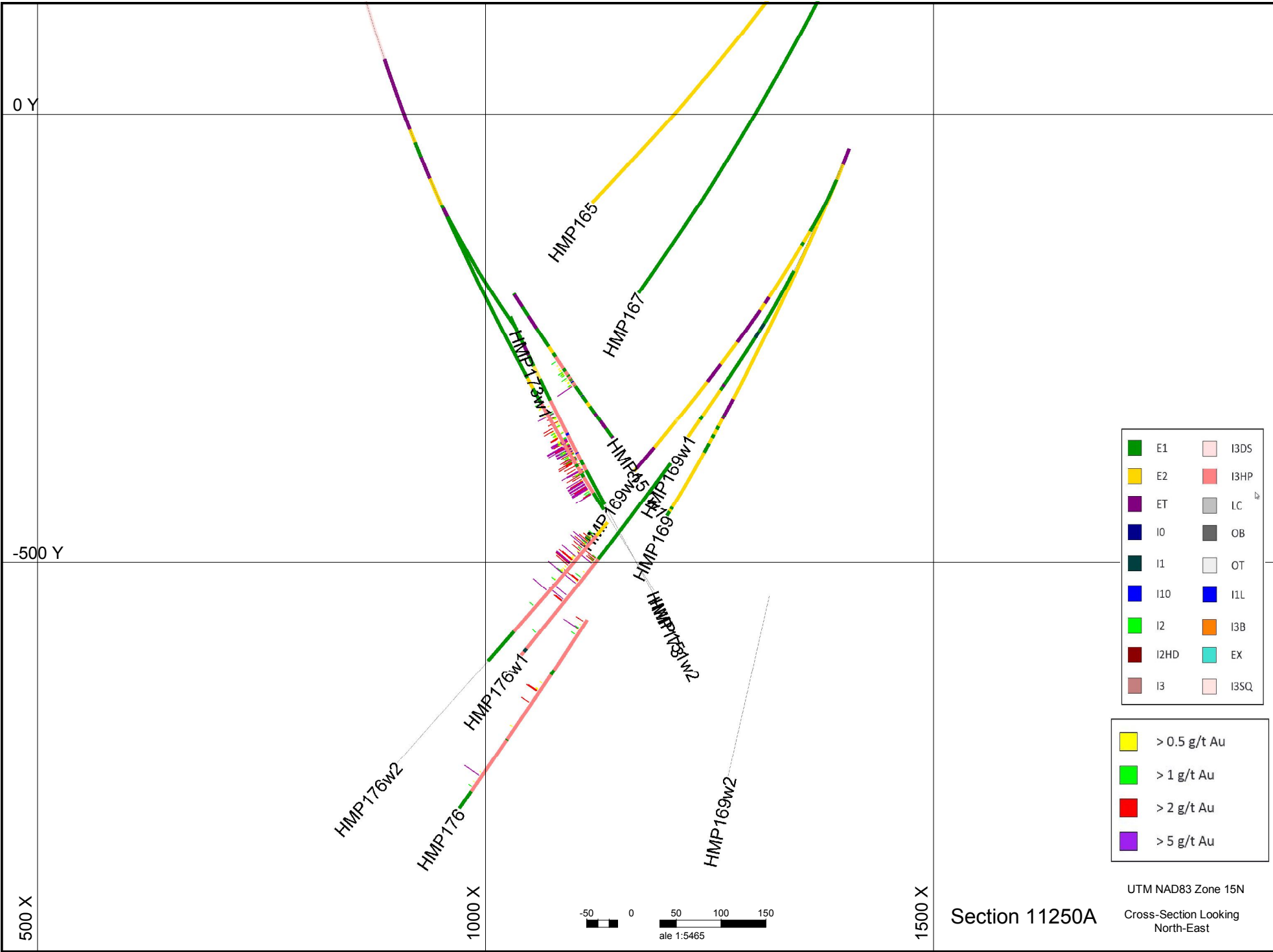
UTM NAD83 Zone 15N  
 Cross-Section Looking  
 North-East





Section 11200A

UTM NAD83 Zone 15N  
 Cross-Section Looking  
 North-East



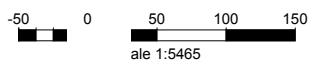
0 Y

-500 Y

500 X

1000 X

1500 X

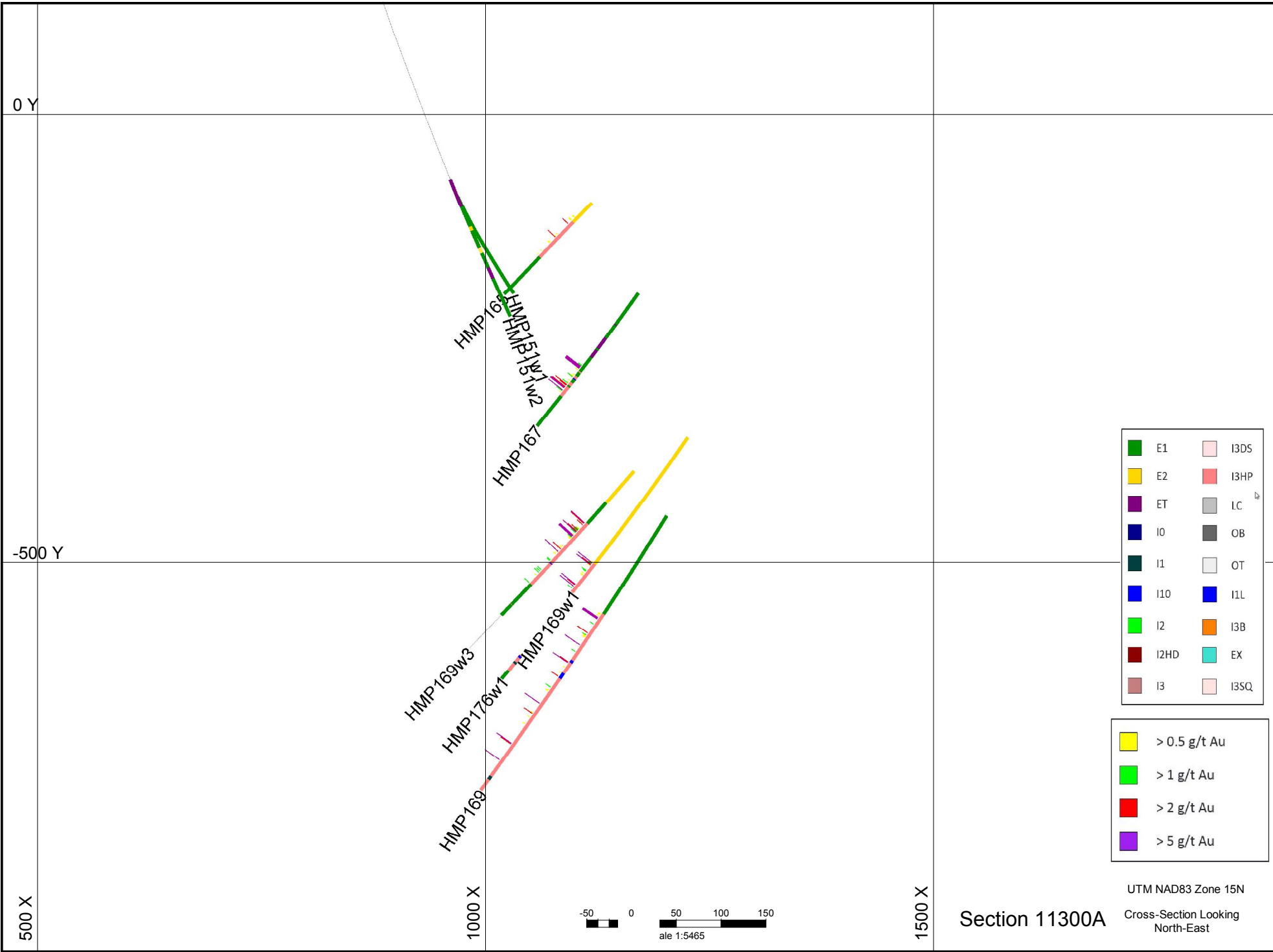


<span style="color: green;">■</span> E1	<span style="color: lightpink;">■</span> I3DS
<span style="color: yellow;">■</span> E2	<span style="color: lightcoral;">■</span> I3HP
<span style="color: purple;">■</span> ET	<span style="color: lightgrey;">■</span> LC
<span style="color: blue;">■</span> I0	<span style="color: darkgrey;">■</span> OB
<span style="color: darkgreen;">■</span> I1	<span style="color: lightgrey;">■</span> OT
<span style="color: blue;">■</span> I10	<span style="color: blue;">■</span> I1L
<span style="color: green;">■</span> I2	<span style="color: orange;">■</span> I3B
<span style="color: darkred;">■</span> I2HD	<span style="color: cyan;">■</span> EX
<span style="color: brown;">■</span> I3	<span style="color: lightpink;">■</span> I3SQ

<span style="color: yellow;">■</span> > 0.5 g/t Au
<span style="color: green;">■</span> > 1 g/t Au
<span style="color: red;">■</span> > 2 g/t Au
<span style="color: purple;">■</span> > 5 g/t Au

Section 11250A

UTM NAD83 Zone 15N  
Cross-Section Looking North-East



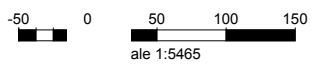
0 Y

-500 Y

500 X

1000 X

1500 X



<span style="color: green;">■</span> E1	<span style="color: lightpink;">■</span> I3DS
<span style="color: yellow;">■</span> E2	<span style="color: pink;">■</span> I3HP
<span style="color: purple;">■</span> ET	<span style="color: lightgrey;">■</span> LC
<span style="color: darkblue;">■</span> I0	<span style="color: grey;">■</span> OB
<span style="color: darkgreen;">■</span> I1	<span style="color: lightgrey;">■</span> OT
<span style="color: blue;">■</span> I10	<span style="color: blue;">■</span> I1L
<span style="color: limegreen;">■</span> I2	<span style="color: orange;">■</span> I3B
<span style="color: darkred;">■</span> I2HD	<span style="color: cyan;">■</span> EX
<span style="color: brown;">■</span> I3	<span style="color: lightpink;">■</span> I3SQ

<span style="color: yellow;">■</span> > 0.5 g/t Au
<span style="color: limegreen;">■</span> > 1 g/t Au
<span style="color: red;">■</span> > 2 g/t Au
<span style="color: purple;">■</span> > 5 g/t Au

Section 11300A

UTM NAD83 Zone 15N  
Cross-Section Looking  
North-East

0 Y

-500 Y

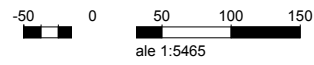
500 X

HMP169

HMP169w1

1000 X

1500 X



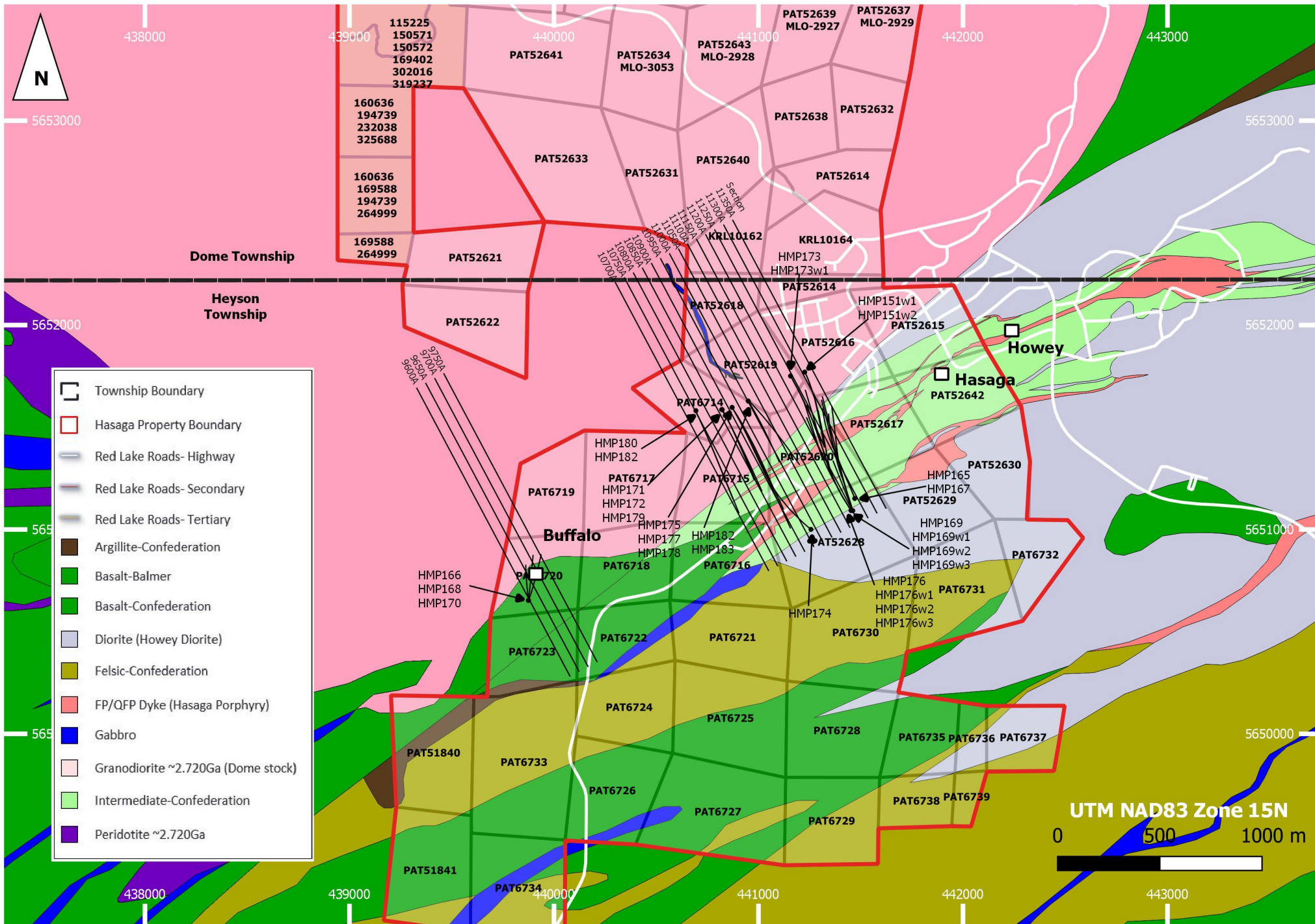
	E1		I3DS
	E2		I3HP
	ET		LC
	I0		OB
	I1		OT
	I10		I1L
	I2		I3B
	I2HD		EX
	I3		I3SQ

	> 0.5 g/t Au
	> 1 g/t Au
	> 2 g/t Au
	> 5 g/t Au

Section 11350A  
 UTM NAD83 Zone 15N  
 Cross-Section Looking North-East



## **Appendix G: Miscellaneous Maps**



438000

439000

440000

441000

442000

443000

5653000

5653000

Dome Township

Heyson Township

5652000

5652000

Howey

Hasaga

5651000

Buffalo

565

5650000

438000

439000

440000

441000

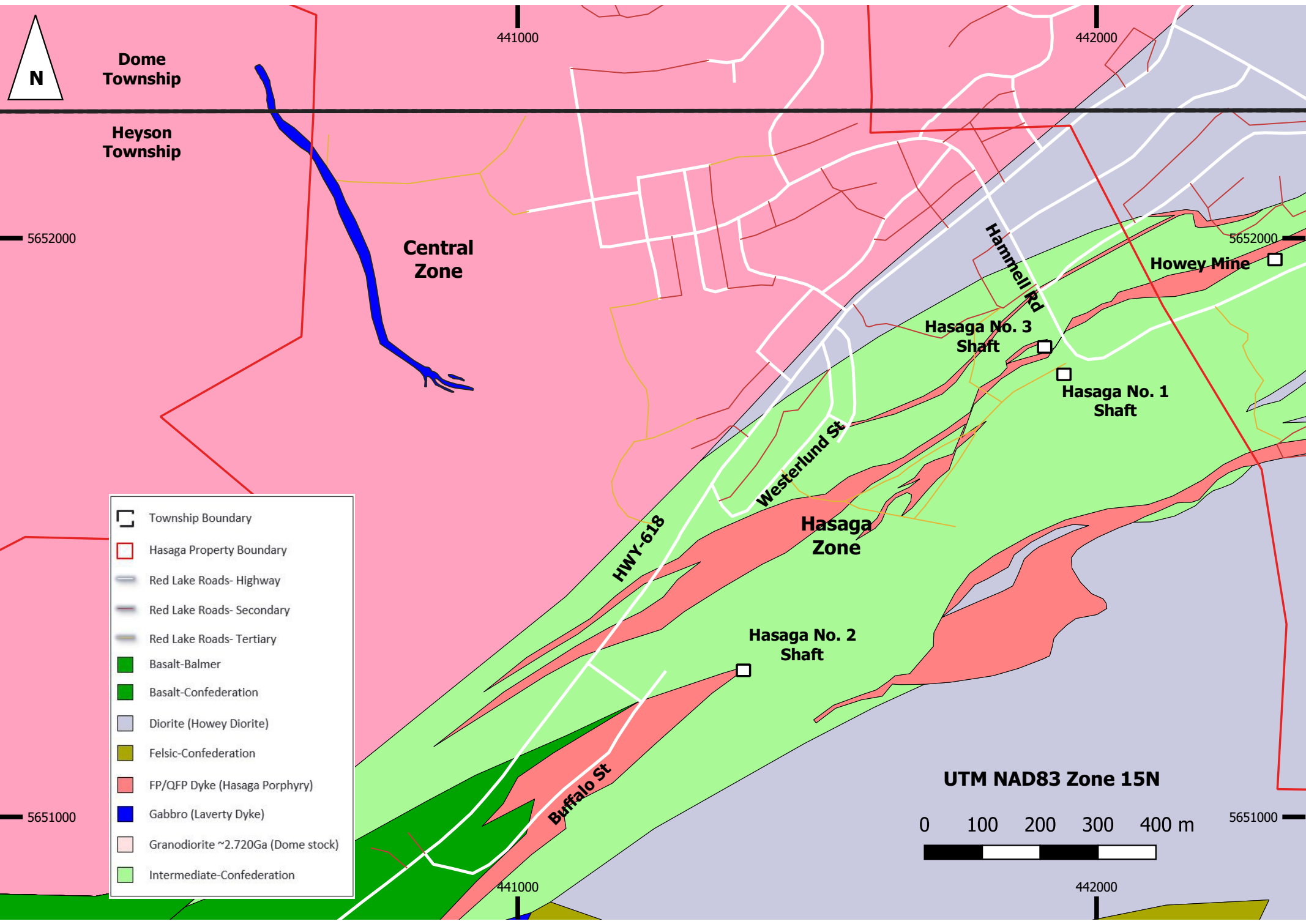
442000

443000

UTM NAD83 Zone 15N



- Township Boundary
- Hasaga Property Boundary
- Red Lake Roads- Highway
- Red Lake Roads- Secondary
- Red Lake Roads- Tertiary
- Argillite-Confederation
- Basalt-Balmer
- Basalt-Confederation
- Diorite (Howey Diorite)
- Felsic-Confederation
- FP/QFP Dyke (Hasaga Porphyry)
- Gabbro
- Granodiorite ~2.720Ga (Dome stock)
- Intermediate-Confederation
- Peridotite ~2.720Ga



**Dome Township**

**Heyson Township**

**Central Zone**

**Hasaga Zone**

**Hasaga No. 2 Shaft**

**Hasaga No. 3 Shaft**

**Hasaga No. 1 Shaft**

**Howey Mine**

**Hammell Rd**

**Westerlund St**

**HWY-618**

**Buffalo St**

**UTM NAD83 Zone 15N**

0 100 200 300 400 m

-  Township Boundary
-  Hasaga Property Boundary
-  Red Lake Roads- Highway
-  Red Lake Roads- Secondary
-  Red Lake Roads- Tertiary
-  Basalt-Balmer
-  Basalt-Confederation
-  Diorite (Howey Diorite)
-  Felsic-Confederation
-  FP/QFP Dyke (Hasaga Porphyry)
-  Gabbro (Lavery Dyke)
-  Granodiorite ~2.720Ga (Dome stock)
-  Intermediate-Confederation

441000

442000

5652000

5652000

5651000

5651000

441000

442000



## **Appendix H: Invoice Summary and Claim Cost Allocations**