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**REPORT**  
**of the**  
**DRILLING PROGRAM**  
**on the**  
**WARK 1 AND 2 PROPERTIES**  
**NORTH TIMMINS GOLD PROJECT**  
**PORCUPINE MINING DIVISION,**  
**NORTHEASTERN ONTARIO**  
**for**  
**GOWEST GOLD LTD.**

**April 30, 2016**

**J Kevin Montgomery, P. Geo.**

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**Gowest**



Wark 1 & 2 Drill Report 2016

## SUMMARY

The North Timmins Gold Project, held by Gowest Gold Ltd., is situated 32 km north-northeast of Timmins, Ontario. It is comprised of 672 claim units (10,908 hectares) in Evelyn, Tully, Little, Gowan, Prosser and Wark Townships. It is accessible from Highway 655 via an all-weather gravel road that turns east off Highway 655, 11.5 km north of the Kidd Creek Mine access road.

In early 2016, Gowest undertook an exploration program of ground magnetic/VLF surveys on the Wark 1 Property and core drilling on the Wark 1 and Wark 2 Properties. The Wark 1 Property consists of seven contiguous unpatented mining claims (599 Ha) and the Wark 2 Property consists of six contiguous unpatented mining claims (356 Ha). Both properties are located in northern Wark Township and southern Prosser Township. Access is achieved by winter forest trails from either the Whidden Road or Highway 655.

The drilling program was carried out from February 5, 2016 to March 25, 2016. It was comprised of four holes totaling 1,741 m. Two holes were drilled on claim 4255012 of the Wark 1 Property testing a soil gas hydrocarbon (SGH) gold anomaly coinciding with a magnetic high area. A third hole tested a low/high magnetic contact area on claim 4253013 of the Wark 1 Property. The fourth hole tested a linear high magnetic trend on claim 4255013 of the Wark 2 Property. Although the holes returned no significant gold values, they provided valuable information on the geology of the area.

Gowest continues to evaluate the results of the 2011 airborne geophysical survey along with historical exploration results on the North Timmins Gold Project to help outline future drill targets.



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## **INTRODUCTION**

The Wark 1 and Wark 2 properties are part of the North Timmins Gold Project of Gowest Gold Ltd. The project is comprised of 78 mining claims (672 claim units) covering approximately 10,908 hectares, east of the Kidd Creek Mine site. The Wark 1 and Wark 2 Properties are held by Gowest Gold Ltd. under an option and joint venture with Transition Metals Corp. The claims are listed in Appendix B.

This report describes an exploration drilling program that was carried out on the Wark 1 and Wark 2 properties, from February 5, 2016 to March 25, 2016.

## **PROPERTY LOCATION AND ACCESS**

The North Timmins Gold Project area is located in Evelyn, Tully, Little, Prosser, Gowan and Wark Townships, approximately 32 km north-northeast of the City of Timmins, Ontario (Figure 1). Surface access to the Wark 1 and Wark 2 properties, part of the North Timmins Gold Project, is gained via Highway 655 and an all-weather gravel road (Whidden Road) that turns east off Highway 655, 11.5 km north of the Kidd Creek Mine access road.

The Wark 1 Property is accessible south from the Whidden gravel pit at 482950E and 5399800N (NAD 83 Zone 17N). A drill trail (old winter forest road) leads south from the gravel pit. This trail is best travelled by snowmobile in the winter and all-terrain vehicle in the summer. It is approximately 5 km to the northern boundary of the Wark 1 Property from the gravel pit (Figure 2).

The Wark 2 Property can be accessed via two routes (Figure 2). Firstly, south from the intersection of the main north-south transmission line and the Whidden Road. It is approximately 5.5 km south along the Transmission line to claim 4255233 on the Wark 2 Property. This route is a main OFSC snowmobile trail in the winter and can be travelled by Argo in the summer as a small bridge crosses Jocko Creek. This route is not suitable for a diamond drill rig. Instead a second route leading east from Highway 655 has been established from a staging area at 474560E and 5395045N (NAD 83 Zone 17N). This second route travels through property held by Kidd Creek Timber Ltd. and permission is required. This was obtained by Gowest Gold Ltd through a land-use agreement. The Wark 2 Property is approximately 5.5 km east-south along this drill trail from Hwy 655. The trail crosses the north-south transmission line at 476965E and 5393110N (Figure 2).



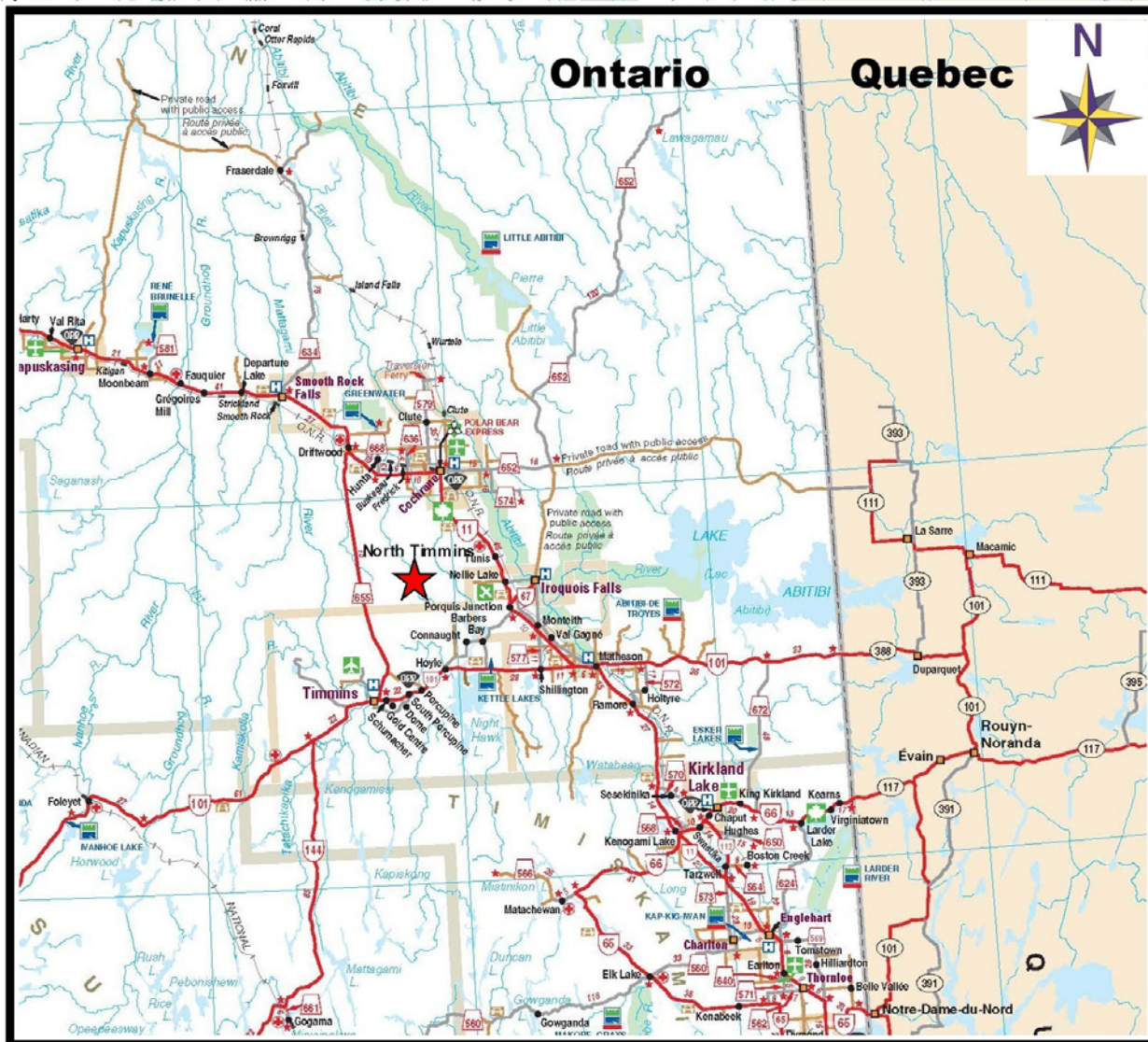
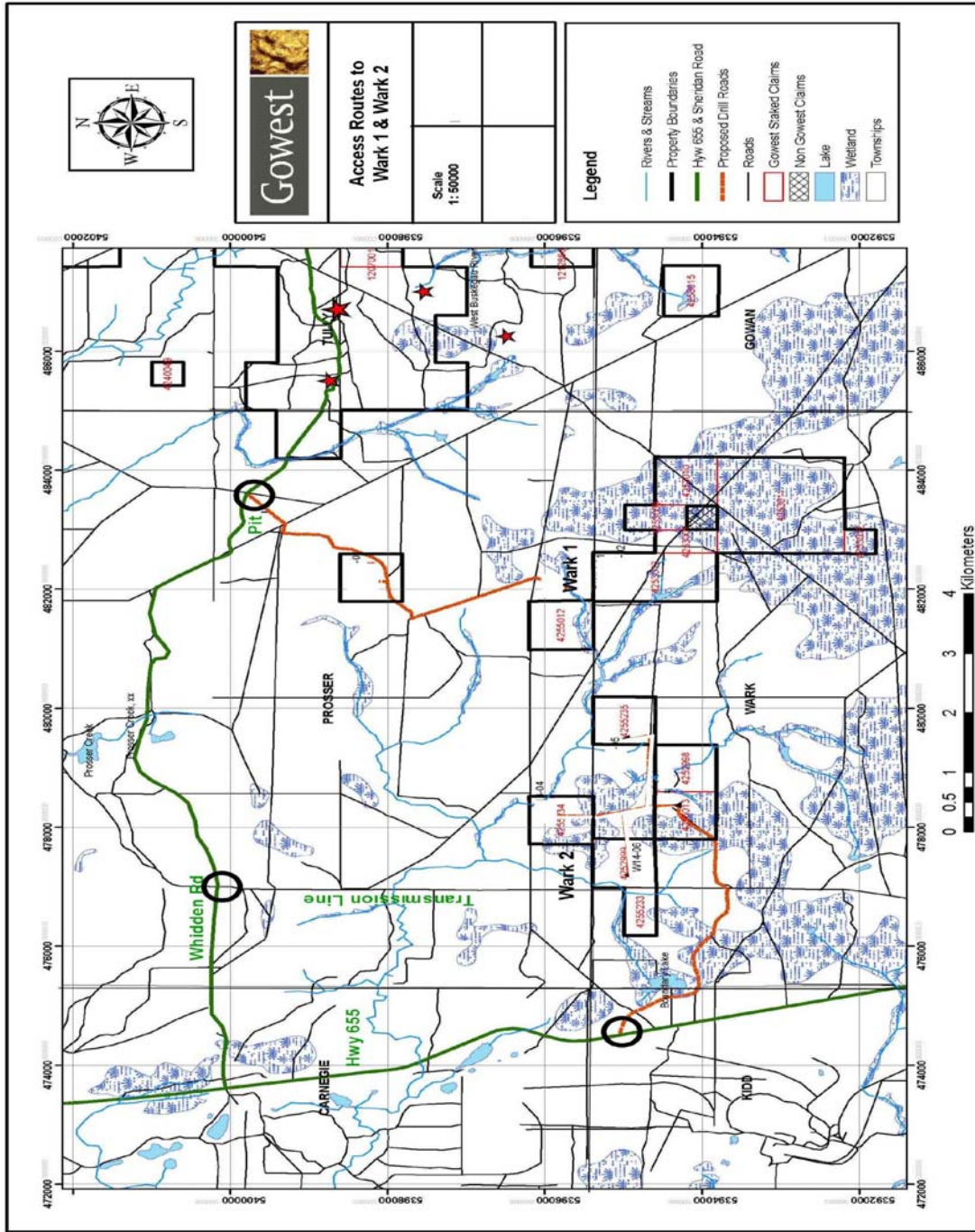


Figure 1 Location Map





**Figure 2 Access routes to Wark 1 and Wark 2 Properties**

## **PROPERTY DESCRIPTION**

The North Timmins Gold Project of Gowest is comprised of one patented mineral claim, ten leased mineral claims and 67 unpatented mineral claims variously located in Prosser, Wark, Tully, Gowan, Little and Evelyn Townships. It consists of 672 claim units covering approximately 10,908 hectares. The Wark 1 Property consists of seven contiguous unpatented mining claims (37 mining claim units) in Prosser and Wark Townships totalling 599 hectares. The Wark 2 Property consists of six contiguous unpatented mining claims (22 mining claim units) in Prosser and Wark Townships totalling 356 hectares (Figure 2). A detailed list of the North Timmins Gold Project claims is found in Appendix B.

## **EXPLORATION WORK HISTORY**

Previous exploration work conducted on the Wark 1 and Wark 2 Properties is summarized in the tables below.

**Table 1 Work History, Wark 1 Property**

<b>YEAR</b>	<b>AFRI FILE #</b>	<b>COMPANY</b>	<b>WORK TYPE</b>	<b>RESULTS</b>
1964	42A11NW0008	NATIONAL EXPLORATION	EM, MAG. GEOL	Ground Mag & VLEM surveys and geological mapping over NW corner of property.
1964	42A11NW0002	NATIONAL EXPLORATION	DD	8 ddh, 64-1 to 8 totaling 1015 m tested 5 conductive zones. Some assaying for gold but only trace values. Drilling encountered intermediate volcanics and mafic volcanics.
1964	42A11NE0564	NORTH AMERICAN RARE METALS	EM, MAG	Ground HLEM & Mag over South half of the property.
1966	42A11NE0570	NORTH AMERICAN RARE METALS	DD	1 ddh NAR-11 (128.6 m) on the present property. No sampling reported.
1969	42A11NE0561	MESPI MINES	EM	Ground VLEM over central-north part and outlined 3 conductors.
1970	42A11NE0562	FALCONBRIDGE	EM, MAG	Ground VLEM & Mag over South half of the property.
1972	42A11NW0004	TEXAS GULF	EM, MAG	Ground HLEM & Mag over the NW corner of the property.
1975	42A11NE0566	McINTYRE PORCUPINE MINES	DD	3 ddh, 051-75-5 to 7 totaling 471 m. No assay data. One hole intersected dacitic tuffs interbedded with argillites, the other cut quartz veins in graphitic argillite above a peridotite and the third was lost in overburden.
1980	42A11NE0186	P. HUNKIN	EM, MAG	Ground VLEM & Mag over north half of the property.
1981	42A14SE0208	PLACER	AMAG	Airborne Magnetic survey conducted by Questor Surveying covering part of Prosser and Wark townships.
1983	42A11NE0553	COMSTATE RESOURCES	AEM	Airborne Mark VI INPUT survey conducted by Questor Surveying covering Prosser, Wark and Murphy townships. No INPUT anomalies detected.
1985	42A11NE0185	GOLDEN RANGE RESOURCES	GEOC	Seven hole wacker till sampling program in the NW corner of the Property. No anomalous gold or base metal values encountered. Overburden depths of 10 to 25 m.





1985	42A11NE0183	GOLDEN RANGE RESOURCES	EM, MAG	Ground VLF & Mag over north half of the property.
1990	T3386	COMINCO	EM, MAG	Mag and Max-Min II survey over 5 claims in NE Wark Twp. and 8 claims in SE Prosser Twp. 4 weak EM conductors outlined.
1997	42A11NE0097	PENTLAND FIRTH	EM, MAG	Ground HLEM & Mag over the north half of the property. Three HLEM conductors detected.
1999	42A11NE2006	PENTLAND FIRTH	IP	IP survey over the north half of the property. Three strong IP responses 2 of which coincide with the HLEM conductors.
2001	42A11NE2011	PEGG C.	GEOL,EM	Geological mapping and VLF conducted on north-central part of existing property. No outcrops found.
2011		GOWEST GOLD	AMAG,AEM, GEOC	Helitem EM and Mag conducted by Fugro Airborne Surveys over the Timmins North Project Soil Gas Hydrocarbon Survey (SGH) over entire property.
2016		GOWEST GOLD	MAG, VLF	Ground magnetic and VLF surveys over the north part of the property (claims 4253012 and 4253013)

**Table 2 Work History, Wark 2 Property**

YEAR	AFRI FILE #	COMPANY	WORK TYPE	RESULTS
1964	42A11NW0527	GLENN EXPLORATIONS	EM, MAG, DD	Ground Mag & VLEM surveys over north part of the southern claim. Numerous weak EM conductors detected. Two holes G-1 to G-2 totaling 495 m drilled (no logs in file). Hole 1 tested the strongest EM conductor. Holes encountered sediments and intermediate volcanics, but EM conductors not explained. No economic mineralization reported.
1964	42A11NW0535	WINDFALL OIL & MINES LTD	DD	3 ddh, holes 5, 7 and 8 totaling 475 m on the NE claim. Holes cut ultramafic volcanics, 1 assay reported nil gold and base metals.
1964	42A11NW0536	PCE EXPLORATION LTD.	DD	2 ddh, holes P-3 and P-4 totaling 293 m on the western claim. Holes cut ultramafic volcanics and felsic to intermediate volcanics, 2 assays reported trace gold.
1969	42A11NE0561	MESPI MINES	EM	Ground VLEM over south half of the central claim. No conductors were detected.
1970	42A14SE8398	McINTYRE PORCUPINE MINES	COMP	Geophysical and Geological Compilation
1971	42A11NW8400	TEXAS GULF	EM, MAG	Ground HLEM & Mag over the north half of the central claim. One weak conductor.
1981	42A14SE0208	PLACER	AMAG	Airborne Magnetic survey conducted by Questor Surveying covering part of Prosser and Wark townships.
1989	42A11NW0502	FALCONBRIDGE	EM, MAG	Ground HLEM & Mag over west half of the central claim. One weak EM conductor.
1993	42A11NW0072	FALCONBRIDGE	DD	1 ddh W62-01 (269 m) on the SW1/4 of the central claim. Hole intersected argillite followed by mafic breccia and then mafic flows. 4 assays reported nil gold and base metals along with 8 whole rock samples
1996	42A11NW0068	MEUNIER-PEGG	TR	Manual stripping off of overburden from two outcrop areas of mafic volcanics on the western claim.
1998	42A11NW2005	MEUNIER	TR	same as above
2001	42A11NE2011	PEGG C.	GEOL,EM	Geological mapping and VLF conducted on the north half of the central claim. No outcrops were found.



2011		GOWEST GOLD	AMAG, AEM , GEOC	Helitem EM and Mag conducted by Fugro Airborne Surveys over the Timmins North Project. Soil Gas Hydrocarbon Survey (SGH) over western half.
2012		GOWEST GOLD	GEOC	Soil Gas Hydrocarbon (SGH) survey over eastern half.

## **REGIONAL GEOLOGY**

The project lies within the Superior Province of Archean basement rocks, in the Eastern Canadian Shield. It is situated in the northern part of the Abitibi Greenstone Belt (“AGB”). Gold deposits are structurally controlled and are widely distributed within the AGB, although the majority of gold deposits occur within 2 km of the Destor-Porcupine Fault Zone, the Pipestone Fault Zone and the Cadillac-Larder Lake Shear Zone.

Two dominantly volcanic assemblages and one dominantly sedimentary assemblage underlie the Gowest North Timmins Project area (Ayer and Trowell, 2001). To the west of the northwest-trending Buskegau River Fault, the Porcupine (sedimentary) assemblage (2696-2675 Ma) is present and unconformably overlies the Kidd-Munro (volcanic) assemblage (2719-2711 Ma). The Kidd-Munro underlies the central part of the project area and is underlain to the northwest by the upper Tisdale (volcanic) assemblage (2710- 2703 Ma). To the east of the Buskegau River Fault, Kidd-Munro assemblage rocks underlie the project area. Upper Tisdale assemblage rocks overlie the Kidd- Munro assemblage to the north, and possibly interfolded Porcupine assemblage rocks near the contact between these two tectonostratigraphic units.

The Kidd-Munro assemblage is divisible into two distinct suites. A tholeiitic to komatiitic portion that consists of komatiites, magnesium- and iron-rich tholeiites and a calc-alkaline portion consisting of intermediate to felsic pyroclastic rocks. Rare sedimentary rocks are generally confined to narrow interflow units within the mafic volcanic rocks. Synvolcanic felsic intrusions and later diabase dykes intrude the sequence. The calc-alkaline portion of the assemblage is host to the Kidd Creek VMS deposit and several smaller VMS deposits in Munro Township. The ultramafic / mafic portion is host to the Bradshaw (formerly known as the Frankfield East gold deposit) and other gold zones within the area (Figure 3).

An airborne magnetic survey shows considerable relief within the Kidd-Munro assemblage (Dumont et al. 2002). Magnetic highs appear to be coincident with unaltered ultramafic flows and magnetic lows appear to be coincident with mafic flows and altered ultramafic flows. The magnetic patterns also appear to define west verging folds, or possibly transposed stratigraphy along contact parallel faults. Airborne electromagnetic patterns appear to be following stratigraphic horizons, and drill hole

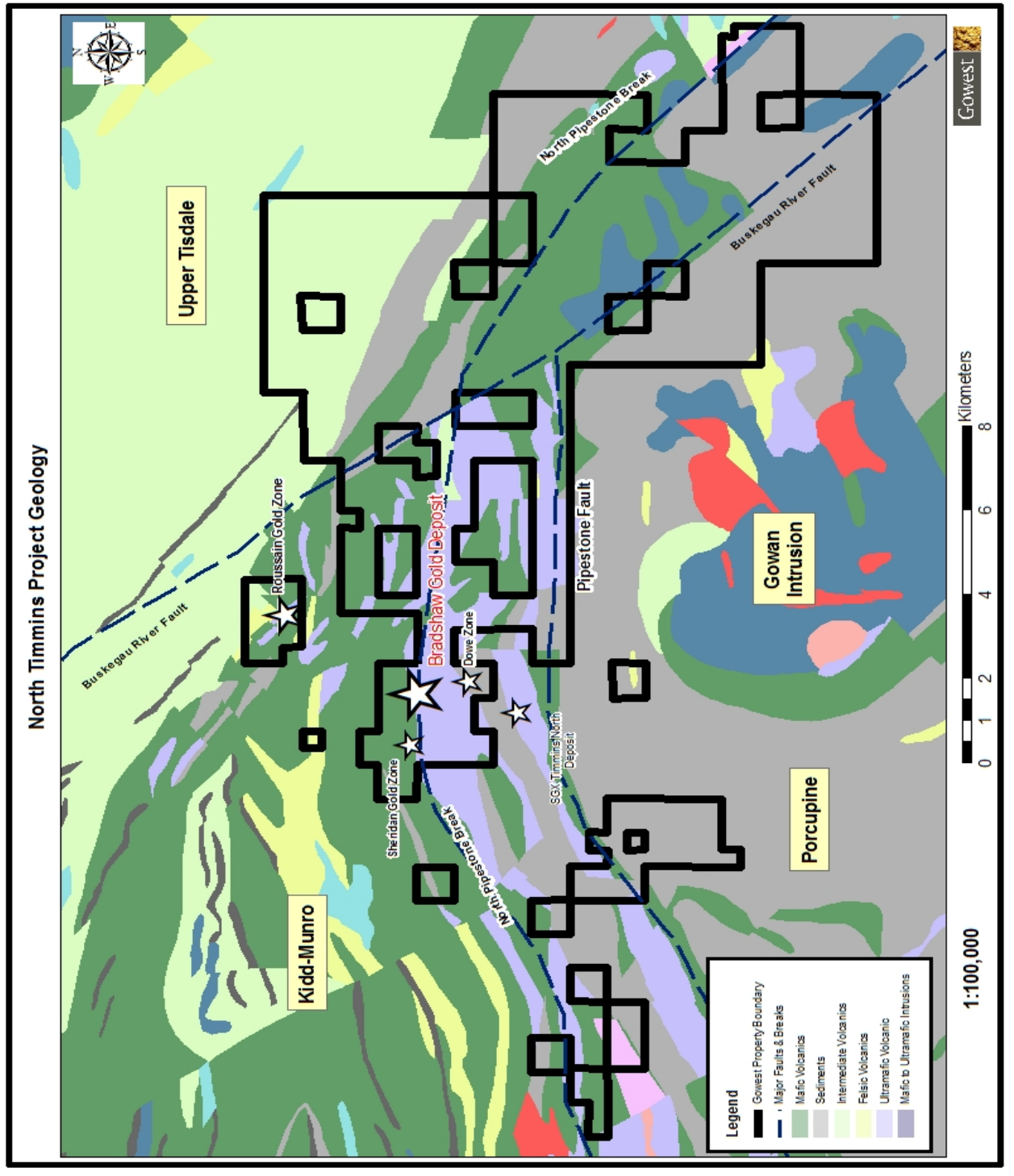


Figure 3 North Timmins Project Geology

data indicates that most conductive horizons are graphitic responses. The upper Tisdale assemblage disconformably overlies the Kidd-Munro assemblage and is comprised of intermediate and felsic, epiclastic and pyroclastic volcanic rocks of calc-alkaline affinity. The magnetic pattern over this assemblage is subdued, with low amplitude magnetic responses over stratiform gabbroic sills. Electromagnetic responses within this assemblage are diffuse and of low conductivity.

Porcupine assemblage rocks unconformably overlie the Kidd-Munro assemblage in the southern part of the project area. The sedimentary rocks are composed predominantly of fine-grained turbiditic sedimentary rocks with minor graphitic argillite and conglomerate horizons. The magnetic pattern associated with this assemblage is subdued with stratiform electromagnetic responses.

Structural features of the bedrock are mainly interpreted from airborne magnetic surveys. Stratigraphic units as represented by their magnetic signatures generally trend east-northeast within the Kidd-Munro assemblage. This direction is also characterized by a well-developed penetrative foliation. Fold axes also appear to trend east-northeast as noted by reversals in younging directions determined from flow features. Stratigraphy parallel shear zones, such as at the Bradshaw Gold deposit are developed at some lithological contacts. Extensional lineations developed in the shear zones are moderately northeast plunging, a direction that is similar to lineations observed in the Timmins area (Pyke, 1982).

Within the upper Tisdale assemblage magnetic patterns indicate northwest-trending lithologies cut by east-northeast-trending late faults. Stratigraphic facings indicate younging directions towards the northeast within this assemblage.

## **PROPERTY GEOLOGY**

The northwestern portion of the Wark 1 property is underlain by tholeiitic mafic volcanic flows and argillite to greywacke sedimentary units of the Kidd-Munro assemblage (Figure 3). South of the mafic volcanics and sediments is a 500 m wide sequence of komatiitic basalt to peridotite flows (magnetic high area) of the Kidd-Munro assemblage. The Kidd-Munro assemblage stratigraphy has an overall northeast to southwest trend. Porcupine assemblage sedimentary rocks (magnetic low area) unconformably overlie the Kidd-Munro assemblage in the southern part of the Wark 1 Property. The sedimentary rocks are composed predominantly of fine-grained turbiditic sedimentary rocks with minor graphitic argillite and conglomerate horizons.

The Wark 2 Property is underlain by tholeiitic basalt flows, komatiitic basalt to peridotite

flows and argillite to greywacke sedimentary units of the Kidd-Munro assemblage. Historical short drill holes on the property suggest intermediate to felsic pyroclastic may also be present. The stratigraphy has an overall northeast-southwest trend. A felsic intrusive body is indicated by Ontario government geological compilation maps (Figure 3).to occur in the southwest part of the Wark 2 Property. This has not been confirmed by the author.

## **DISCUSSION OF DIAMOND DRILLING**

Beginning on February 5, 2016 Gowest commenced an exploration drilling program on the Wark 1 and Wark 2 Properties. Drilling was carried out by Norex Limited from February 15, 2016 to March 3, 2016. It consisted of four NQ holes totaling 1,741 m (see table below). The objective of this drilling was to determine the geological stratigraphy in select areas.

The diamond drilling program employed two diamond drill rigs provided by Norex Drilling Inc. of Timmins, Ontario. Drill core logging and field drill supervision was carried out by the author. The field technical tasks associated with the drilling program and core splitting were carried out by Dan Collin an employee of Gowest Gold Ltd. in Timmins, Ontario. The maps and sections of this report were drafted by Len MacKenzie of Timmins Ontario for Gowest.

All diamond drill holes were set up and aligned with an Azimuth Pointing System (APS) rented from Reflex instruments of Timmins Ontario. The Azimuth Pointing System (APS) is a GPS based compass that provides a True North Azimuth measurement and position. Since the APS is not using the earth's magnetic field to determine the azimuth, it is not affected by ferrous anomalies (metal) from the ground or surrounding structures. The APS uses two antennas to calculate an azimuth solution. Norex drilling crews aligned the drill rig direction employing the APS instrument. Upon completion of the drill hole and removal of the drill rig, the top of the casing was surveyed utilizing the APS by Dan Collin of Gowest. At the same time, an environmental inspection of the drill site was completed. All drill sites of the 2016 program are clean of any debris and casings are capped and marked with steel flags and collar pickets.

During drilling, downhole surveying was conducted utilizing a Reflex EZ-Shot®, an electronic single shot instrument. It accurately measures six parameters in one single shot; azimuth, inclination, magnetic tool face angle, gravity roll angle, magnetic field strength and temperature. Single shot tests were taken 15 m or so below the casing and approximately every 50 m down the drill hole.



**Table 3 Diamond Drill Holes**

Drill Hole	Northing	Easting	Azimuth	Dip	Length(m)	Started	Finished	Claim No.
GW16-282	5395154	482050	169.5	-55	396	15-Feb	21-Feb	4253013
GW16-283	5395982	481150	180	-55	450	21-Feb	26-Feb	4255012
GW16-284	5394370	478402	147.1	-55	450	25-Feb	29-Feb	4255013
GW16-285	5395950	481300	181	-55	445	27-Feb	03-Mar	4255012

During the drilling program, drill core was collected by the Gowest technician at the drill sites or the drill access trail every drilling day and moved to a secure logging facility. The secure logging facility is located at 115 Jubilee Avenue East Timmins, Ontario. At the logging facility, the length of drill core recovered was compared to the position of depth markers in the core boxes by the technician in order to check for misplaced markers and to calculate the amount of core loss, if any. Prior to lithological logging and sampling, the Gowest technician photographed the core, cleaned the core if necessary, and completed a geotechnical log of core recovery and RQD analysis measurements. The geotechnical data for each hole is found in Appendix C.

Core recovery throughout the diamond drilling program was excellent at 100% with a few minor sections below 100% as a result of faulting and/or drilling problems (Appendix C). The RQD results were generally favourable and dependent on rock type. The mafic volcanic were the most competent as expected with RQD values typically 80 to 100 with only minor sections less than 80. The ultramafic units were the next most competent varying RQD 50 to 100 with some minor sections less than 50. The sedimentary units (argillite and greywacke) were the most variable in RQD ranging from 0 to 80. The strongly bedded argillite units had the poorest RQD 0-40 as a result of slippage along the bedding planes (Appendix C). There was some local faulting or strong fracturing in all units.

A brief summary of the lithology of holes drilled is outlined below. Detailed drill logs for the holes are found in Appendix D.

### **HOLE GW16-282**

Location: 482050E/ 5395154N (GPS Nad 83)  
Property: Wark 1 Claim: 4253013  
Dip: -55 Azimuth: 169.5  
Length: 396 m  
Target: A magnetic low/magnetic high contact.  
Summary: The hole intersected the following stratigraphy:

0-74.5 Overburden



74.5-119.6	Argillite
119.6-125.75	Greywacke
125.75-167.4	Argillite
167.4-183.3	Greywacke
183.3-196.8	Argillite
196.8-207.1	Greywacke
207.1-217.5	Argillite
217.5-223.7	Greywacke
223.7-230.5	Argillite
230.5-270.9	Greywacke
270.9-284.9	Argillite
284.9-287.85	Graphitic Argillite
287.85-396	Massive Mafic Volcanics
396	End of the hole

The hole intersected no significant sulphide mineralization and the targeted magnetic low/magnetic high contact was intersected at 287.86 m downhole.

#### **HOLE GW16-283**

Location: 481150E/ 5395920N (GPS Nad 83)  
Property: Wark 1 Claim: 4255012  
Dip: -55 Azimuth: 180  
Length: 450 m

Target: A soil gas hydrocarbon (SGH) gold anomaly coinciding with a magnetic high area.

Summary: The hole intersected the following stratigraphy:

0-22.2	Overburden
22.2-108.2	Pillowed Mafic Volcanics
108.2-123.3	Amygdaloidal Massive Mafic Volcanics
123.3-186.9	Massive Mafic Volcanics
186.9-201.4	Pillowed Mafic Volcanics
201.4-217.1	Massive Mafic Volcanics (intrusive texture)
217.1-313.15	Massive Mafic Volcanics
313.15-326.2	Ultramafic Volcanics (mesocumulate)
326.2-379.75	Ultramafic Volcanics (adcumulate)
379.75-384.4	Massive Mafic Volcanics
384.4-410.8	Pillowed Mafic Volcanics
410.8-429.6	Massive Mafic Volcanics (intrusive texture)
429.6-432.4	Mafic Volcanic Flow Breccia
432.4-437.7	Argillite



437.7-450                    Massive Mafic Volcanics (intrusive texture)  
450                            End of the hole.

The hole intersected the following significant sulphide mineralization: 235-279 m variable short disseminated pyrite (1% to 15%) sections; 305.5-310.5 m 3-4% brassy disseminated pyrite with semi massive to massive pyrrhotite zone at 308.4-308.8 m; 354-363 m 1% pyrite & pyrrhotite wisps/disseminations; 431-432.4 m 3% pyrrhotite & pyrite; and 432.4-437.4 m 5-6% pyrrhotite wisps, blebs, dissemination and minor pyrite. The magnetic high is likely the result of the ultramafic volcanic flows encountered from 313 to 380 m in the hole. The SGH gold anomaly is vertically above the variable disseminated pyrite sections in the mafic volcanics from 235 to 279 m.

### **HOLE GW16-284**

Location:    478402E/ 5394370N (GPS Nad 83)  
Property: Wark 2    Claim: 4255013  
Dip: -55 Azimuth: 147.1  
Length: 450 m  
Target:        A north easterly trending linear magnetic high.  
Summary:      The hole intersected the following stratigraphy:

0-48	Overburden
48-145.65	Argillite
145.65-154.95	Mafic Volcanic Flow Breccia
154.95-254.20	Massive Mafic Volcanics
254.20-255.10	Greywacke/Argillite
255.10-260.3	Sheared Mafic Volcanics
260.3-428.05	Pillowed Mafic Volcanics
428.05-439.5	Massive Mafic Volcanics
439.5-449.7	Ultramafic Volcanics (adcumulate)
449.7	End of the hole.

The hole intersected the following significant sulphide mineralization: 134-145.65 m 1% very finely disseminated pyrite locally Mg-Cg and trace scattered pyrrhotite blebs; and 151.5-154.5 m 1% fg pyrite disseminations and a 10 cm massive pyrrhotite band at 153 m. The magnetic high is represented by the slightly higher magnetism of the mafic volcanics in relation to the sediments.

### **HOLE GW16-285**

Location:    481300E/ 5398950N (GPS Nad 83)  
Property: Wark 1    Claim: 4255012  
Dip: -55 Azimuth: 181



Length: 445 m  
 Target: A soil gas hydrocarbon (SGH) gold anomaly coinciding with a magnetic high area, 150 m east of hole 283.  
 Summary: The hole intersected the following stratigraphy:

0-15	Overburden
15-98.5	Carbonatized Mafic Volcanics
98.5-257.5	Massive Mafic Volcanics
257.5-288.25	Spinifex textured Ultramafic Volcanics
288.25-324	Ultramafic Volcanics (mesocumulate)
324-348.5	Massive Mafic Volcanics
348.5-350	Argillite
350-372.85	Massive Mafic Volcanics
372.85-421.25	Argillite
421.25-445	Mafic Volcanic Flows
445	End of the hole.

The hole intersected the following significant sulphide mineralization: 227.85-240.05 m 2-3% Vfg-Fg brassy finely disseminated pyrite; 247.45-247.95 m 3% Vfg pyrrhotite disseminations to local fine wisps; 256.35-256.8 m 20% pyrrhotite from 5 cm massive band to semi massive fractures and 2% Fg brassy pyrite dissemination; 372.85-375.35 m 4-5% brassy pyrite disseminations to laminations along bedding; and 4% pyrite disseminations to wisps. The magnetic high is likely the result of the ultramafic volcanic flows encountered from 257 to 324 m in the hole. The SGH gold anomaly is vertically above the variable disseminated pyrite and pyrrhotite sections in the mafic volcanics from 227 to 257 m.

## **ANALYTICAL TECHNIQUES AND RESULTS**

A total of 272 samples of drill core were selected for gold and multi-element by the author from the above holes. Gowest Gold Ltd. has implemented formal analytical quality control measures since 2004. A blank gold sample was inserted by the core logger into the sample stream at a rate of about 1 in 25 samples. The blank material used was pre-pulverized silica flour. Also as part of the QA/QC protocol, a certified standard was inserted into the sample stream at a rate of about 1 in 25 samples.

Inserted with the drill core samples were 12 blanks, four Standard 16A, three Standard 16B and four Standard 19A samples. Three certified standards were used by Gowest Gold for the QA/QC assessment of the assay laboratory (see Table 3). All three

standards were obtained from Ore Research & Exploration Pty Ltd (ORE) of Australia through Analytical Solutions Ltd. of Toronto Ontario. They range in certified mean grade from 1.81 to 5.49 g/t Au.

**Table 4 Certified Gold Standards**

Standard	Certified Grade	Stdv	- 3 Stdv	+3 Stdv
OREAS 16A	1.81	0.06	1.63	1.99
OREAS 16B	2.21	0.07	2.00	2.42
OREAS 19A	5.49	0.10	5.19	5.79

All selected NQ drill core was split in half by a hydraulic core splitter and a half bagged with the first part of a three-part assay tag bearing a unique identifier number. The other half of the core was stored at the logging facility with the second part of the three part assay tag bearing an identical unique identifier number placed in the core box at the beginning of the sample interval. Records of the sampled intervals and sample numbers were recorded in the computerized drill logs, and the third part of the assay tag was filed. The majority of the drill core samples were 1 m in core length, and ranged from 0.25 to 1.35 m. The remaining split drill core (half not sent to the lab) is presently securely stored at the Norex Drilling office in Porcupine, Ontario.

The split drill core samples were transported securely by Gowest personnel to Activation Laboratories Ltd (ActLabs) Timmins branch laboratory, 1752 Riverside Drive, Timmins, Ontario. Samples were prepared and analyzed at the Timmins facility. The Timmins branch laboratory is individually certified to standards within ISO 9001:2008. Sample preparation follows industry best practices and procedures. The analytical methods used are routine and provide robust data associated with a high degree of analytical precision.

Upon the samples arriving at the ActLabs facility, they are examined for integrity, each sample is logged in the tracking system, weighed, and dried. The entire sample is crushed up to 90% passing a nominal minus 10 mesh (1.7 mm), mechanically riffle split to obtain a representative sample(250 g) and then pulverized (mild steel) to at least 95% minus 150 mesh (105 microns). Quality of crushing and pulverization is routinely checked as part of our quality assurance program.

Gowest requested the following analyses on all drill core samples in 2016: Gold Fire Assay – AAS Finish (ActLabs Code 1A2), Multi-Element ICP-AES Analysis (ActLabs Code 1E2) with all pulp samples having gold values greater than 10 ppm being re-

assayed by Gold Fire Assay – Gravimetric Finish (ActLabs Code 1A3).

The gold assay results from the drill core sampling were low ranging from <0.005 to 0.325 ppm Au, excluding the gold standards. No further sampling is necessary.

All official laboratory certificates for assaying conducted on the drill core of the 2016 diamond drilling program are found in Appendix E.

## **CONCLUSION AND RECOMMENDATIONS**

In early 2016, Gowest conducted a ground magnetic/VLF survey on claims 4255012 and 4253013 of the Wark 1 Property (Grant, 2016). The ground magnetic survey better defined the magnetics of the 2011 airborne magnetic survey conducted over the claims. This was followed by a drilling program comprised of four holes totaling 1,741 m.

Two holes (GW16-283 & GW16-285) were drilled on claim 4255012 of the Wark 1 Property testing a soil gas hydrocarbon (SGH) gold anomaly coinciding with a magnetic high area. The holes intersected a section of ultramafic volcanic flows that are likely the cause of the magnetic high. Both holes encountered disseminated pyrite and pyrrhotite sections in mafic volcanics vertically below the SGH gold anomaly. Very low gold values were returned from core sampling of this sulphide mineralization.

A third hole (GW16-282) tested a low/high magnetic contact area on claim 4253013 of the Wark 1 Property. The hole intersected no significant sulphide mineralization and the targeted magnetic low/magnetic high contact was a sediment/mafic volcanic contact.

The fourth hole (GW16-284) tested a linear high magnetic trend on claim 4255013 of the Wark 2 Property. The linear magnetic high was discovered to be a section of the mafic volcanics with slightly higher magnetism in relation to the sediments. A section of 1% very finely disseminated pyrite was intersected in the sediments at the contact with the mafic volcanics. This sulphide mineralization returned low gold values from sampling.

Although the holes returned no significant gold values, they provide valuable information on the geology of the area. Gowest continues to evaluate the results of the 2011 airborne geophysical survey along with historical exploration results on the North Timmins Gold Project to help outline future drill targets.



## **REFERENCES**

Ayer, J.A. and Trowell, N.F., 2001, Project Unit 95-24: The Abitibi Greenstone Belt: A Program Update; in Summary of Field Work and Other Activities 2001, Ontario Geological Survey OFR 6070, p.4-1 to 4-9.

Ayer, J.A. et al, 2006, Geological compilation of the central Abitibi greenstone belt: Kapuskasing Structural Zone to the Quebec border: Ontario Geological Survey, Preliminary Map P3585, scale 1:250, 000.

Dumont, R., Coyle, M., Oneschuk, D. and Potvin, J., 2002, Residual magnetic field contours and EM anomalies with Keating coefficients "42A/11NE", Geological Survey of Canada Open File 4439, Ontario Geological Survey Map 81 733, scale 1:20,000.

Geomapping Ltd., 2016, Report on Geophysical Interpretation of Ground Magnetic Data on claims P-4255012 Prosser Twp. and P-4253013, Wark Twp, Ontario for Gowest Gold Ltd.

Grant, J.C., 2016, Logistical Geophysical Report for Gowest Gold Ltd on the Wark 1 Claims 4255012, 4253013 Prosser and Wark Townships, Porcupine Mining Division Northeastern Ontario.

Pyke, D.R. 1982, Geology of the Timmins Area, District of Cochrane; Ontario Geological Survey Report 219, 141 p. Accompanied by Map 2455, Scale 1:50,000, 3 Charts, and 1 Sheet Microfiche.



## **CERTIFICATE OF QUALIFICATIONS**

I, J. Kevin Montgomery, of the City of Timmins, Province of Ontario, do hereby certify that:

- (1) I am a professional Consulting Geologist, residing at 1190 Lozanne Crescent, Timmins Ontario, P4P 1E8.
- (2) I hold a B.Sc. Honours degree in Geological Sciences from Queen's University of Kingston, Ontario and a M.Sc. (App.) in Mineral Exploration from McGill University at Montreal, Quebec.
- (3) I am a registered professional geoscientist with the Association of Professional Geoscientists of Ontario.
- (4) This report is based on my logging of the drill core and supervision of the diamond drilling on the Wark 1 Property and Wark 2 Property in 2016.
- (5) I have no personal interest in the property covered by this report.
- (6) Permission is granted for the use of this report, in whole or in part, for assessment and qualification requirements but not for advertising purposes.

*J Kevin Montgomery*

Dated at Timmins, Ontario  
This 30th day of April, 2016.

J. Kevin Montgomery, P.Geo. M.Sc. (App.)



## APPENDIX A CERTIFICATE OF EXPENDITURES

Gowest Gold Ltd.

Diamond Drilling on the Wark 1 and Wark 2 Properties

February 1, 2016 to April 30, 2016

Geologists	\$ 36,866.25
Technicians	\$ 12,257.32
Core Drilling	\$ 148,357.76
Truck	\$ 4,000.00
Field Supplies (includes Truck Fuel)	\$ 3,236.37
Lab analysis	\$ 23,306.68
Report Writing & Drafting of Maps	\$ 4,520.00

**TOTAL      \$ 216,620.00**

### Distribution of Expenditures per Claim

Hole	Claim No.	Length	Portion of program	Expenditure on claim
GW16-282	4253013	396	0.23	\$49,823
GW16-284	4255013	450	0.26	\$56,321
GW12-283	4255012	450		
GW12-285	4255012	445	0.51	\$110,476

Certified by: *J Kevin Montgomery*

Date: April 30, 2016

Note: This certificate has been constructed from the Detailed Cost Accounting Ledgers of Gowest Gold.



## APPENDIX B NORTH TIMMINS GOLD PROJECT CLAIM LIST

<u>Count</u>	<u>District/Division</u>	<u>Project/Property</u>	<u>Township</u>	<u>Claim Number</u>	<u>Recording Date</u>	<u>Claim Due Date</u>
1	Porcupine - 60	GW Orphan Tully (G-3985)	Tully	4240049	2010-Mar-03	2017-Mar-03
2	Porcupine - 60	GW Orphan Tully (G-3985)	Tully	4254623	2010-Mar-03	2020-Mar-03
3	Porcupine - 60	GC Tully East Block-1	Tully	1207009	1996-Mar-19	2017-Mar-19
4	Porcupine - 60	GC Tully East Block-1	Tully	1244809	2001-Mar-30	2017-Mar-30
5	Porcupine - 60	Guidoccio Tully East	Tully	4269722	2012-Mar-08	2018-Mar-08
6	Porcupine - 60	Guidoccio Tully East	Tully	4269723	2012-Mar-08	2018-Mar-08
7	Porcupine - 60	Gowest Tully East	Tully	4277620	2014-Aug-28	2016-Aug-28
8	Porcupine - 60	Gowest Tully East	Tully	4277624	2014-Aug-29	2016-Aug-29
9	Porcupine - 60	Transition Pipestone East	Evelyn	4253001	2010-Feb-02	2017-Feb-02
10	Porcupine - 60	Transition Pipestone East	Evelyn	4253002	2010-Feb-02	2017-Feb-02
11	Porcupine - 60	Transition Pipestone East	Evelyn	4253003	2010-Feb-02	2017-Feb-02
12	Porcupine - 60	Transition Pipestone East	Evelyn	4253004	2010-Feb-02	2017-Feb-02
13	Porcupine - 60	Transition Pipestone East	Evelyn	4253005	2010-Feb-02	2017-Feb-02
14	Porcupine - 60	Transition Pipestone East	Evelyn	4253006	2010-Feb-02	2017-Feb-02
15	Porcupine - 60	Transition Pipestone East	Evelyn	4257022	2010-Jul-12	2016-Jul-12
16	Porcupine - 60	Transition Pipestone East	Evelyn	4257023	2010-Jul-12	2016-Jul-12
<u>Count</u>	<u>District/Division</u>	<u>Project/Property</u>	<u>Township</u>	<u>Claim Number</u>	<u>Recording Date</u>	<u>Claim Due Date</u>
17	Porcupine - 60	Transition Pipestone East	Evelyn	4257024	2010-Jul-12	2016-Jul-12
18	Porcupine - 60	Transition Pipestone East	Evelyn	4257025	2010-Jul-12	2016-Jul-12
19	Porcupine - 60	Transition Pipestone East	Evelyn	4257027	2010-Jul-12	2016-Jul-12
20	Porcupine - 60	Gowan	Gowan	4253015	2010-Feb-02	2017-Feb-02
21	Porcupine - 60	Transition Pipestone East	Little	4257021	2010-Jul-12	2016-Jul-12
22	Porcupine - 60	Prosser	Prosser	4253014	2010-Feb-02	2017-Feb-02
23	Porcupine - 60	Wark 1	Prosser	4255012	2010-Mar-09	2017-Mar-09
24	Porcupine - 60	Wark 2	Prosser	4255234	2010-Apr-26	2017-Apr-26
25	Porcupine - 60	Wark 2	Wark	4252998	2010-Apr-27	2017-Apr-27
26	Porcupine - 60	Wark 2	Wark	4252999	2010-Apr-26	2017-Apr-26
27	Porcupine - 60	Wark 1	Wark	4253007	2010-Feb-02	2017-Feb-02
28	Porcupine - 60	Wark 1	Wark	4253009	2010-Feb-02	2017-Feb-02
29	Porcupine - 60	Wark 1	Wark	4253010	2010-Feb-02	2017-Feb-02
30	Porcupine - 60	Wark 1	Wark	4253011	2010-Feb-02	2017-Feb-02
31	Porcupine - 60	Wark 1	Wark	4253012	2010-Feb-02	2017-Feb-02
32	Porcupine - 60	Wark 1	Wark	4253013	2010-Feb-02	2017-Feb-02
33	Porcupine - 60	Wark 2	Wark	4255013	2010-Mar-09	2017-Mar-09
34	Porcupine - 60	Wark 2	Wark	4255233	2010-Apr-26	2017-Apr-26



35	Porcupine - 60	Wark 2	Wark	4255235	2010-Apr-26	2017-Apr-26
36	Porcupine - 60	GW Pipestone East	Little	4270230	2012-May-04	2017-May-04
37	Porcupine - 60	GW Pipestone East	Evelyn	4262511	2011-Jun-15	2017-Jun-15
38	Porcupine - 60	GW Pipestone East	Evelyn	4262512	2011-Jun-15	2017-Jun-15
39	Porcupine - 60	GW Pipestone East	Little	4262513	2011-Jun-15	2017-Jun-15
40	Porcupine - 60	GW Pipestone East	Little	4270231	2012-May-04	2017-May-04
41	Porcupine - 60	GW Pipestone East	Little	4270232	2012-May-04	2017-May-04
42	Porcupine - 60	GW Pipestone East	Little	4270233	2012-May-04	2017-May-04
43	Porcupine - 60	GW Pipestone East	Little	4270234	2012-May-04	2017-May-04
44	Porcupine - 60	GW Pipestone East	Little	4270235	2012-May-04	2017-May-04
45	Porcupine - 60	GW Pipestone East	Little	4270236	2012-May-04	2017-May-04
46	Porcupine - 60	GW Pipestone East	Evelyn	4270237	2012-May-04	2017-May-04
47	Porcupine - 60	GW Pipestone East	Evelyn	4270238	2012-May-04	2017-May-04
48	Porcupine - 60	GW Pipestone East	Evelyn	4270239	2012-May-04	2017-May-04
49	Porcupine - 60	GW Pipestone East	Evelyn	4267266	2012-May-04	2017-May-04
50	Porcupine - 60	GW Pipestone East	Evelyn	4267267	2012-May-04	2017-May-04
51	Porcupine - 60	GW Pipestone East	Little	4270356	2013-Apr-08	2017-Apr-08
52	Porcupine - 60	GW Pipestone East	Little	4270357	2013-Apr-08	2017-Apr-08
53	Porcupine - 60	GW Pipestone East	Little	4270358	2013-Apr-08	2017-Apr-08
54	Porcupine - 60	GW Pipestone East	Tully	4270359	2013-Apr-08	2017-Apr-08
55	Porcupine - 60	GW Pipestone East	Little	4261682	2013-Apr-22	2017-Apr-22
56	Porcupine - 60	GW Pipestone East	Little	4261683	2013-Apr-22	2017-Apr-22

<u>Count</u>	<u>District/Division</u>	<u>Project/Property</u>	<u>Township</u>	<u>Lease or License</u>	<u>Claim No.</u>	<u>Start/Anniversary</u>	<u>Lease Expiry</u>
57	Porcupine - 60	Dowe	Tully	107242	101372	1999-Feb-01	2020-Jan-31
58	Porcupine - 60	Dowe	Tully	107242	101373	1999-Feb-01	2020-Jan-31
59	Porcupine - 60	Dowe	Tully	107242	101374	1999-Feb-01	2020-Jan-31
60	Porcupine - 60	Dowe	Tully	107242	101375	1999-Feb-01	2020-Jan-31
61	Porcupine - 60	Texmont/Frankfield	Prosser	107280	508392	1999-Dec-01	2020-Nov-30
62	Porcupine - 60	Texmont/Frankfield	Prosser	107280	508394	1999-Dec-01	2020-Nov-30
63	Porcupine - 60	Texmont/Frankfield	Tully	107280	508389	1999-Dec-01	2020-Nov-30
64	Porcupine - 60	Texmont/Frankfield	Tully	107280	508395	1999-Dec-01	2020-Nov-30
65	Porcupine - 60	Texmont/Frankfield	Tully	107280	508396	1999-Dec-01	2020-Nov-30

<u>Count</u>	<u>District/Division</u>	<u>Project/Property</u>	<u>Township</u>	<u>Lease or License</u>	<u>Claim No.</u>	<u>Start/Anniversary</u>	<u>Lease Expiry</u>
66	Porcupine - 60	Texmont/Frankfield	Tully	107280	508398	1999-Dec-01	2020-Nov-30
67	Porcupine - 60	Texmont/Frankfield	Tully	107280	508397	1999-Dec-01	2020-Nov-30
68	Porcupine - 60	Texmont/Frankfield	Tully	107280	508399	1999-Dec-01	2020-Nov-30
69	Porcupine - 60	Texmont/Frankfield	Tully	107280	508400	1999-Dec-01	2020-Nov-30
70	Porcupine - 60	Texmont/Frankfield	Tully	107280	508401	1999-Dec-01	2020-Nov-30





71	Porcupine - 60	Texmont/Frankfield	Tully	107280	508402	1999-Dec-01	2020-Nov-30
72	Porcupine - 60	Texmont/Frankfield	Prosser	107281	508391	1999-Dec-01	2020-Nov-30
73	Porcupine - 60	Texmont/Frankfield	Prosser	107281	508393	1999-Dec-01	2020-Nov-30
74	Porcupine - 60	Texmont/Frankfield	Tully	107281	508390	1999-Dec-01	2020-Nov-30
75	Porcupine - 60	Texmont/Frankfield	Tully	107335	97938	2000-Oct-01	2021-Sept-30
76	Porcupine - 60	Texmont/Frankfield	Tully	107335	97941	2000-Oct-01	2021-Sept-30
77	Porcupine - 60	Texmont/Frankfield	Tully	107335	97942	2000-Oct-01	2021-Sept-30
78	Porcupine - 60	Texmont/Frankfield	Tully	107335	97943	2000-Oct-01	2021-Sept-30
79	Porcupine - 60	Texmont/Frankfield	Tully	107335	97939	2000-Oct-01	2021-Sept-30
80	Porcupine - 60	Texmont/Frankfield	Tully	107335	97940	2000-Oct-01	2021-Sept-30
81	Porcupine - 60	Texmont/Frankfield	Tully	107335	97948	2000-Oct-01	2021-Sept-30
82	Porcupine - 60	Texmont/Frankfield	Tully	107335	97949	2000-Oct-01	2021-Sept-30
83	Porcupine - 60	Texmont/Frankfield	Tully	107336	97944	2000-Oct-01	2021-Sept-30
84	Porcupine - 60	Texmont/Frankfield	Tully	107336	97945	2000-Oct-01	2021-Sept-30
85	Porcupine - 60	Texmont/Frankfield	Tully	107336	97947	2000-Oct-01	2021-Sept-30
86	Porcupine - 60	Texmont/Frankfield	Tully	107336	97946	2000-Oct-01	2021-Sept-30
87	Porcupine - 60	Texmont/Frankfield	Tully	107360	99286	2000-Oct-01	2021-Sept-30
88	Porcupine - 60	Texmont/Frankfield	Tully	107360	99287	2000-Oct-01	2021-Sept-30
89	Porcupine - 60	Texmont/Frankfield	Tully	107360	99289	2000-Oct-01	2021-Sept-30
90	Porcupine - 60	Texmont/Frankfield	Tully	107360	99288	2000-Oct-01	2021-Sept-30
91	Porcupine - 60	Texmont/Frankfield	Tully	107361	100440	2001-Jun-01	2022-May-31
92	Porcupine - 60	Texmont/Frankfield	Tully	107361	100437	2001-Jun-01	2022-May-31
93	Porcupine - 60	Texmont/Frankfield	Tully	107361	100441	2001-Jun-01	2022-May-31
94	Porcupine - 60	Texmont/Frankfield	Tully	107361	100438	2001-Jun-01	2022-May-31
95	Porcupine - 60	Texmont/Frankfield	Tully	107361	100442	2001-Jun-01	2022-May-31

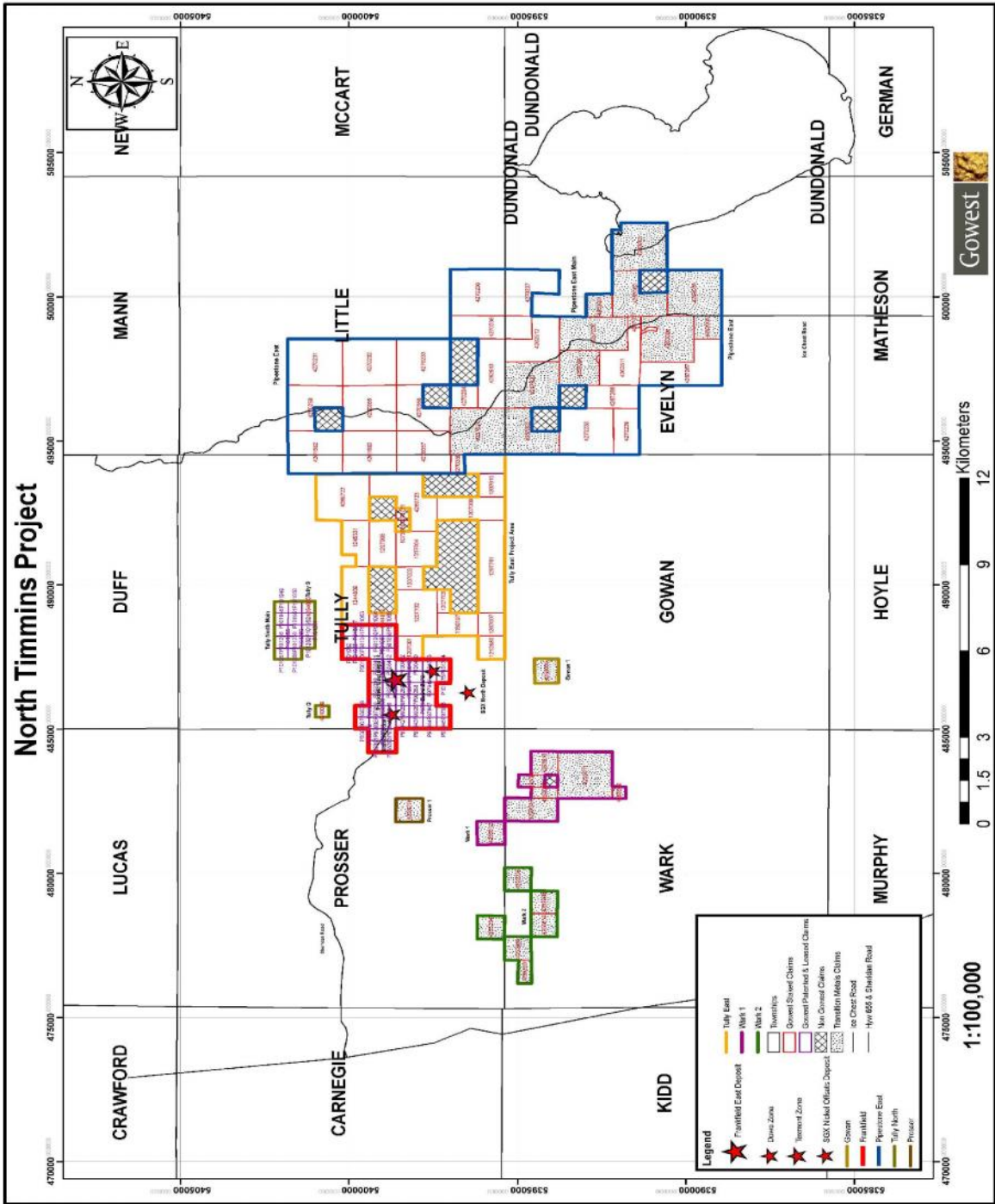
<u>Count</u>	<u>District/Division</u>	<u>Project/Property</u>	<u>Township</u>	<u>Lease or License</u>	<u>Claim No.</u>	<u>Start/Anniversary</u>	<u>Lease Expiry</u>
96	Porcupine - 60	Texmont/Frankfield	Tully	107361	100439	2001-Jun-01	2022-May-31
97	Porcupine - 60	GC Tully North Block-1	Tully	107484	101255	2003-Sept-01	2024-Aug-31
98	Porcupine - 60	GC Tully North Block-1	Tully	107484	101256	2003-Sept-01	2024-Aug-31
99	Porcupine - 60	GC Tully North Block-1	Tully	107484	101257	2003-Sept-01	2024-Aug-31
100	Porcupine - 60	GC Tully North Block-1	Tully	107484	101258	2003-Sept-01	2024-Aug-31
101	Porcupine - 60	GC Tully North Block-1	Tully	107484	101259	2003-Sept-01	2024-Aug-31
102	Porcupine - 60	GC Tully North Block-1	Tully	107484	101260	2003-Sept-01	2024-Aug-31
103	Porcupine - 60	GC Tully North Block-1	Tully	107484	101261	2003-Sept-01	2024-Aug-31
104	Porcupine - 60	GC Tully North Block-1	Tully	107484	101262	2003-Sept-01	2024-Aug-31
105	Porcupine - 60	GC Tully North Block-1	Tully	107484	101948	2003-Sept-01	2024-Aug-31
106	Porcupine - 60	GC Tully North Block-1	Tully	107484	101949	2003-Sept-01	2024-Aug-31



107	Porcupine - 60	GC Tully North Block-1	Tully	107484	101950	2003-Sept-01	2024-Aug-31
108	Porcupine - 60	GC Tully North Block-1	Tully	107484	101951	2003-Sept-01	2024-Aug-31
109	Porcupine - 60	GC Tully North Block-1	Tully	107484	101952	2003-Sept-01	2024-Aug-31
110	Porcupine - 60	White Star/Frankfield	Tully	107311	501055	2000-June-01	2021-May-31
111	Porcupine - 60	White Star/Frankfield	Tully	107311	501056	2000-June-01	2021-May-31
112	Porcupine - 60	White Star/Frankfield	Tully	107310	501057	2000-June-01	2021-May-31
113	Porcupine - 60	White Star/Frankfield	Tully	107310	501058	2000-June-01	2021-May-31
114	Porcupine - 60	White Star/Frankfield	Tully	107311	501059	2000-June-01	2021-May-31
115	Porcupine - 60	White Star/Frankfield	Tully	107311	501060	2000-June-01	2021-May-31
116	Porcupine - 60	White Star/Frankfield	Tully	107311	501061	2000-June-01	2021-May-31
117	Porcupine - 60	White Star/Frankfield	Tully	107310	501062	2000-June-01	2021-May-31
118	Porcupine - 60	White Star/Frankfield	Tully	107310	501063	2000-June-01	2021-May-31
119	Porcupine - 60	White Star/Frankfield	Tully	107311	501064	2000-June-01	2021-May-31
120	Porcupine - 60	White Star/Frankfield	Tully	107311	501065	2000-June-01	2021-May-31
121	Porcupine - 60	White Star/Frankfield	Tully	107310	515807	2000-June-01	2021-May-31
122	Porcupine - 60	GC Tully East Block-1	Tully	109337	1160197	2013-Aug-01	2034-Jul-31
123	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207001	2013-Aug-01	2034-Jul-31
124	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207003	2013-Aug-01	2034-Jul-31
125	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207004	2013-Aug-01	2034-Jul-31
126	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207005	2013-Aug-01	2034-Jul-31
127	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207007	2013-Aug-01	2034-Jul-31
128	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207010	2013-Aug-01	2034-Jul-31
129	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207701	2013-Aug-01	2034-Jul-31
130	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207702	2013-Aug-01	2034-Jul-31
131	Porcupine - 60	GC Tully East Block-1	Tully	109337	1207703	2013-Aug-01	2034-Jul-31
132	Porcupine - 60	GC Tully East Block-1	Tully	109337	1212880	2013-Aug-01	2034-Jul-31
133	Porcupine - 60	GC Tully East Block-1	Tully	109337	1244810	2013-Aug-01	2034-Jul-31
134	Porcupine - 60	GC Tully East Block-1	Tully	109337	1245331	2013-Aug-01	2034-Jul-31

<u>Count</u>	<u>District/Division</u>	<u>Project/Property</u>	<u>Township and Location</u>
135	Porcupine - 60	Boudreau purchase	Tully SE1/4 &SW1/4 N1/2 and S1/2 of Lot 1, Conc 1





Project Map



## APPENDIX C DRILL HOLE RQD DATA



hole_number	Logger	depth_ from	depth_ to	length_ run	length_ tcr	length_ rqd	percent_ tcr	percent_ rqd	Litho Code			
GW16-282	KM	59	75	16					OVB			
GW16-282	KM	75	78	3.1	3.10	0.85	100.0	27.4	ARG			
GW16-282	KM	78	81	2.9	1.60	0.00	55.2	0.0	ARG			
GW16-282	KM	81	84	3	2.50	0.15	83.3	6.0	ARG			
GW16-282	KM	84	87	3	2.70	0.35	90.0	13.0	ARG			
GW16-282	KM	87	90	3	1.30	0.00	43.3	0.0	ARG			
GW16-282	KM	90	93	3	1.70	0.00	56.7	0.0	ARG			
GW16-282	KM	93	96	3	2.40	0.42	80.0	17.5	ARG			
GW16-282	KM	96	99	3	3.00	0.95	100.0	31.7	ARG			
GW16-282	KM	99	102	3	1.80	0.00	60.0	0.0	ARG			
GW16-282	KM	102	105	3	2.50	0.46	83.3	18.4	ARG			
GW16-282	KM	105	108	3	2.80	0.75	93.3	26.8	ARG			
GW16-282	KM	108	111	3	3.00	2.10	100.0	70.0	ARG			
GW16-282	KM	111	114	3	3.00	2.30	100.0	76.7	ARG			
GW16-282	KM	114	117	3	3.00	2.30	100.0	76.7	ARG			
GW16-282	KM	117	120	3	3.00	2.20	100.0	73.3	ARG			
GW16-282	KM	120	123	3	3.00	2.10	100.0	70.0	GWKE			
GW16-282	KM	123	126	3	2.85	1.35	95.0	47.4	GWKE			
GW16-282	KM	126	129	3	1.50	0.00	50.0	0.0	ARG			
GW16-282	KM	129	132	3	2.90	1.55	96.7	53.4	ARG			
GW16-282	KM	132	135	3	2.90	1.60	96.7	55.2	ARG			
GW16-282	KM	135	138	3	2.90	2.60	96.7	89.7	ARG			
GW16-282	KM	138	141	3	3.00	1.65	100.0	55.0	ARG			
GW16-282	KM	141	144	3	3.00	2.00	100.0	66.7	ARG			
GW16-282	KM	144	147	3	3.00	1.90	100.0	63.3	ARG			
GW16-282	KM	147	150	3	3.00	1.55	100.0	51.7	ARG			
GW16-282	KM	150	153	3	3.00	1.30	100.0	43.3	ARG			
GW16-282	KM	153	156	3	3.00	1.80	100.0	60.0	ARG			
GW16-282	KM	156	159	3	3.00	1.60	100.0	53.3	ARG			
GW16-282	KM	159	162	3	3.00	1.45	100.0	48.3	ARG			
GW16-282	KM	162	165	3	3.00	1.00	100.0	33.3	ARG			
GW16-282	KM	165	168	3	3.00	0.60	100.0	20.0	ARG			
GW16-282	KM	168	171	3	3.00	1.10	100.0	36.7	GWKE			
GW16-282	KM	171	174	3	3.00	0.75	100.0	25.0	GWKE			
GW16-282	KM	174	177	3	3.00	0.00	100.0	0.0	GWKE			
GW16-282	KM	177	180	3	2.80	0.30	93.3	10.7	GWKE			
GW16-282	KM	180	183	3	3.00	0.30	100.0	10.0	GWKE			
GW16-282	KM	183	186	3	3.00	0.10	100.0	3.3	ARG			
GW16-282	KM	186	189	3	3.00	0.00	100.0	0.0	ARG			
GW16-282	KM	189	192	3	3.00	0.35	100.0	11.7	ARG			
GW16-282	KM	192	195	3	3.00	0.00	100.0	0.0	ARG			
GW16-282	KM	195	198	3	3.00	0.20	100.0	6.7	GWKE			
GW16-282	KM	198	201	3	3.00	0.45	100.0	15.0	GWKE			
GW16-282	KM	201	204	3	3.00	0.10	100.0	3.3	GWKE			
GW16-282	KM	204	207	3	3.00	0.75	100.0	25.0	GWKE			
GW16-282	KM	207	210	3	3.00	0.35	100.0	11.7	ARG			
GW16-282	KM	210	213	3	3.00	0.20	100.0	6.7	ARG			
GW16-282	KM	213	216	3	3.00	1.10	100.0	36.7	ARG			
GW16-282	KM	216	219	3	3.00	0.80	100.0	26.7	ARG			
GW16-282	KM	219	222	3	3.00	1.50	100.0	50.0	GWKE			
GW16-282	KM	222	225	3	3.00	0.80	100.0	26.7	ARG			
GW16-282	KM	225	228	3	3.00	1.75	100.0	58.3	ARG			
GW16-282	KM	228	231	3	3.00	2.05	100.0	68.3	ARG			
GW16-282	KM	231	234	3	3.00	1.60	100.0	53.3	GWKE			
GW16-282	KM	234	237	3	3.00	1.90	100.0	63.3	GWKE			



hole_number	Logger	depth_ from	depth_ to	length_ run	length_ tcr	length_ rqd	percent_ tcr	percent_ rqd	Litho Code
GW16-283	KM	22	24	2	2.00	1.35	100.0	67.5	MV
GW16-283	KM	24	27	3	3.00	2.45	100.0	81.7	MV
GW16-283	KM	27	30	3	3.00	2.85	100.0	95.0	MV
GW16-283	KM	30	33	3	3.00	1.65	100.0	55.0	MV
GW16-283	KM	33	36	3	3.00	2.20	100.0	73.3	MV
GW16-283	KM	36	39	3	3.00	1.50	100.0	50.0	MV
GW16-283	KM	39	42	3	3.00	2.20	100.0	73.3	MV
GW16-283	KM	42	45	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	45	48	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	48	51	3	3.00	2.75	100.0	91.7	MV
GW16-283	KM	51	54	3	3.00	2.85	100.0	95.0	MV
GW16-283	KM	54	57	3	3.00	2.60	100.0	86.7	MV
GW16-283	KM	57	60	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	60	63	3	3.00	2.65	100.0	88.3	MV
GW16-283	KM	63	66	3	3.00	2.60	100.0	86.7	MV
GW16-283	KM	66	69	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	69	72	2.9	2.90	2.50	100.0	86.2	MV
GW16-283	KM	72	75	3.1	3.10	3.10	100.0	100.0	MV
GW16-283	KM	75	78	3	3.00	2.15	100.0	71.7	MV
GW16-283	KM	78	81	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	81	84	2.9	2.80	2.75	96.6	98.2	MV
GW16-283	KM	84	87	3.1	3.10	3.05	100.0	98.4	MV
GW16-283	KM	87	90	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	90	93	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	93	96	3	3.00	2.95	100.0	98.3	MV
GW16-283	KM	96	99	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	99	102	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	102	105	3	3.00	2.94	100.0	98.0	MV
GW16-283	KM	105	108	3	2.95	2.85	98.3	96.6	MV
GW16-283	KM	108	111	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	111	114	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	114	117	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	117	120	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	120	123	3	3.00	2.97	100.0	99.0	MV
GW16-283	KM	123	126	3	3.00	2.65	100.0	88.3	MV
GW16-283	KM	126	129	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	129	132	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	132	135	3	3.00	2.65	100.0	88.3	MV
GW16-283	KM	135	138	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	138	141	3	3.00	2.75	100.0	91.7	MV
GW16-283	KM	141	144	3	3.00	2.70	100.0	90.0	MV
GW16-283	KM	144	147	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	147	150	3	3.00	2.75	100.0	91.7	MV
GW16-283	KM	150	153	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	153	156	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	156	159	3	3.00	2.60	100.0	86.7	MV
GW16-283	KM	159	162	3	3.00	2.94	100.0	98.0	MV
GW16-283	KM	162	165	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	165	168	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	168	171	3	3.00	2.94	100.0	98.0	MV
GW16-283	KM	171	174	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	174	177	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	177	180	3	3.00	2.77	100.0	92.3	MV
GW16-283	KM	180	183	3	3.00	2.85	100.0	95.0	MV
GW16-283	KM	183	186	3	3.00	2.60	100.0	86.7	MV

hole_number	Logger	depth_ from	depth_ to	length_ run	length_ tcr	length_ rqd	percent_ tcr	percent_ rqd	Litho Code
GW16-283	KM	186	189	3	3.00	2.70	100.0	90.0	MV
GW16-283	KM	189	192	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	192	195	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	195	198	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	198	201	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	201	204	3	3.00	2.40	100.0	80.0	MV
GW16-283	KM	204	207	3	3.00	2.63	100.0	87.7	MV
GW16-283	KM	207	210	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	210	213	3	3.00	2.95	100.0	98.3	MV
GW16-283	KM	213	216	3	3.00	2.35	100.0	78.3	MV
GW16-283	KM	216	219	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	219	222	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	222	225	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	225	228	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	228	231	3	3.00	2.85	100.0	95.0	MV
GW16-283	KM	231	234	3	3.00	2.70	100.0	90.0	MV
GW16-283	KM	234	237	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	237	240	2.9	2.45	2.00	84.5	81.6	MV
GW16-283	KM	240	243	3.1	3.10	2.80	100.0	90.3	MV
GW16-283	KM	243	246	3	3.00	2.60	100.0	86.7	MV
GW16-283	KM	246	249	3	3.00	1.70	100.0	56.7	MV
GW16-283	KM	249	252	3	3.00	2.80	100.0	93.3	MV
GW16-283	KM	252	255	3	3.00	2.85	100.0	95.0	MV
GW16-283	KM	255	258	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	258	261	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	261	264	3	3.00	2.40	100.0	80.0	MV
GW16-283	KM	264	267	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	267	270	3	3.00	2.60	100.0	86.7	MV
GW16-283	KM	270	273	3	3.00	2.75	100.0	91.7	MV
GW16-283	KM	273	276	3	3.00	2.95	100.0	98.3	MV
GW16-283	KM	276	279	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	279	282	3	3.00	2.70	100.0	90.0	MV
GW16-283	KM	282	285	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	285	288	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	288	291	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	291	294	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	294	297	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	297	300	3	3.00	2.85	100.0	95.0	MV
GW16-283	KM	300	303	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	303	306	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	306	309	3	3.00	3.00	100.0	100.0	MV
GW16-283	KM	309	312	3	3.00	2.90	100.0	96.7	MV
GW16-283	KM	312	315	3	3.00	2.05	100.0	68.3	UM
GW16-283	KM	315	318	3	3.00	1.40	100.0	46.7	UM
GW16-283	KM	318	321	3	3.00	0.40	100.0	13.3	UM
GW16-283	KM	321	324	3	2.80	0.10	93.3	3.6	UM
GW16-283	KM	324	327	3	2.80	1.20	93.3	42.9	UM
GW16-283	KM	327	330	3	2.70	0.65	90.0	24.1	UM
GW16-283	KM	330	333	3	3.00	1.55	100.0	51.7	UM
GW16-283	KM	333	336	3	2.80	0.70	93.3	25.0	UM
GW16-283	KM	336	339	3	2.90	1.30	96.7	44.8	UM
GW16-283	KM	339	342	3	2.90	1.77	96.7	61.0	UM
GW16-283	KM	342	345	3	3.00	1.50	100.0	50.0	UM
GW16-283	KM	345	348	3	3.00	2.30	100.0	76.7	UM





hole_number	Logger	depth_ from	depth_ to	length_ run	length_ tcr	length_ rqd	percent_ tcr	percent_ rqd	Litho Code
GW16-284	KM	48	51	3	1.90	0.30	63.3	15.8	ARG
GW16-284	KM	51	54	3	3.00	0.85	100.0	28.3	ARG
GW16-284	KM	54	57	3	3.00	1.65	100.0	55.0	ARG
GW16-284	KM	57	60	3	3.00	0.80	100.0	26.7	ARG
GW16-284	KM	60	63	3	3.00	1.95	100.0	65.0	ARG
GW16-284	KM	63	66	3	3.00	1.70	100.0	56.7	ARG
GW16-284	KM	66	69	3	3.00	1.90	100.0	63.3	ARG
GW16-284	KM	69	72	3	3.00	1.45	100.0	48.3	ARG
GW16-284	KM	72	75	3	3.00	2.20	100.0	73.3	ARG
GW16-284	KM	75	78	3	3.00	1.90	100.0	63.3	ARG
GW16-284	KM	78	81	3	2.65	0.75	88.3	28.3	ARG
GW16-284	KM	81	84	3	3.00	1.00	100.0	33.3	ARG
GW16-284	KM	84	87	3	3.00	1.35	100.0	45.0	ARG
GW16-284	KM	87	90	3	3.00	1.30	100.0	43.3	ARG
GW16-284	KM	90	93	3	3.00	1.15	100.0	38.3	ARG
GW16-284	KM	93	96	3	3.00	1.40	100.0	46.7	ARG
GW16-284	KM	96	99	3	2.35	1.45	78.3	61.7	ARG
GW16-284	KM	99	102	3	3.00	1.95	100.0	65.0	ARG
GW16-284	KM	102	105	3	3.00	2.45	100.0	81.7	ARG
GW16-284	KM	105	108	3	3.00	0.20	100.0	6.7	ARG
GW16-284	KM	108	111	3	3.00	2.25	100.0	75.0	ARG
GW16-284	KM	111	114	3	3.00	1.95	100.0	65.0	ARG
GW16-284	KM	114	117	3	2.75	1.60	91.7	58.2	ARG
GW16-284	KM	117	120	3	3.00	2.10	100.0	70.0	ARG
GW16-284	KM	120	123	3	3.00	2.10	100.0	70.0	ARG
GW16-284	KM	123	126	3	3.00	2.70	100.0	90.0	ARG
GW16-284	KM	126	129	3	3.00	2.35	100.0	78.3	ARG
GW16-284	KM	129	132	3	3.00	2.75	100.0	91.7	ARG
GW16-284	KM	132	135	3	3.00	1.60	100.0	53.3	ARG
GW16-284	KM	135	138	3	3.00	2.10	100.0	70.0	ARG
GW16-284	KM	138	141	3	3.00	2.00	100.0	66.7	ARG
GW16-284	KM	141	144	3	3.00	2.55	100.0	85.0	ARG
GW16-284	KM	144	147	3	3.00	2.10	100.0	70.0	MV
GW16-284	KM	147	150	3	3.00	2.70	100.0	90.0	MV
GW16-284	KM	150	153	3	3.00	2.00	100.0	66.7	MV
GW16-284	KM	153	156	3	3.00	1.85	100.0	61.7	MV
GW16-284	KM	156	159	3	3.00	2.35	100.0	78.3	MV
GW16-284	KM	159	162	3	3.00	2.55	100.0	85.0	MV
GW16-284	KM	162	165	3	2.50	0.90	83.3	36.0	MV
GW16-284	KM	165	168	3	3.00	2.30	100.0	76.7	MV
GW16-284	KM	168	171	3	3.00	2.75	100.0	91.7	MV
GW16-284	KM	171	174	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	174	177	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	177	180	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	180	183	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	183	186	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	186	189	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	189	192	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	192	195	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	195	198	3	3.00	2.95	100.0	98.3	MV
GW16-284	KM	198	201	3	3.00	2.95	100.0	98.3	MV
GW16-284	KM	201	204	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	204	207	3	3.00	2.85	100.0	95.0	MV
GW16-284	KM	207	210	3	3.00	2.95	100.0	98.3	MV
GW16-284	KM	210	213	3	3.00	3.00	100.0	100.0	MV

hole_number	Logger	depth_ from	depth_ to	length_ run	length_ tcr	length_ rqd	percent_ tcr	percent_ rqd	Litho Code
GW16-284	KM	213	216	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	216	219	3	3.00	2.95	100.0	98.3	MV
GW16-284	KM	219	222	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	222	225	3	3.00	2.75	100.0	91.7	MV
GW16-284	KM	225	228	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	228	231	3	3.00	2.30	100.0	76.7	MV
GW16-284	KM	231	234	3	3.00	2.10	100.0	70.0	MV
GW16-284	KM	234	237	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	237	240	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	240	243	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	243	246	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	246	249	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	249	252	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	252	255	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	255	258	3	3.00	2.50	100.0	83.3	MV
GW16-284	KM	258	261	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	261	264	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	264	267	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	267	270	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	270	273	3	3.00	2.70	100.0	90.0	MV
GW16-284	KM	273	276	3	3.00	2.85	100.0	95.0	MV
GW16-284	KM	276	279	3	3.00	2.80	100.0	93.3	MV
GW16-284	KM	279	282	3	3.00	2.40	100.0	80.0	MV
GW16-284	KM	282	285	3	3.00	2.00	100.0	66.7	MV
GW16-284	KM	285	288	3	3.00	1.90	100.0	63.3	MV
GW16-284	KM	288	291	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	291	294	3	3.00	2.85	100.0	95.0	MV
GW16-284	KM	294	297	3	3.00	2.70	100.0	90.0	MV
GW16-284	KM	297	300	3	3.00	2.35	100.0	78.3	MV
GW16-284	KM	300	303	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	303	306	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	306	309	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	309	312	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	312	315	3	3.00	2.95	100.0	98.3	MV
GW16-284	KM	315	318	3	3.00	2.85	100.0	95.0	MV
GW16-284	KM	318	321	3	3.00	2.85	100.0	95.0	MV
GW16-284	KM	321	324	3	3.00	2.60	100.0	86.7	MV
GW16-284	KM	324	327	3	3.00	2.65	100.0	88.3	MV
GW16-284	KM	327	330	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	330	333	3	3.00	2.80	100.0	93.3	MV
GW16-284	KM	333	336	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	336	339	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	339	342	3	3.00	2.85	100.0	95.0	MV
GW16-284	KM	342	345	3	3.00	2.70	100.0	90.0	MV
GW16-284	KM	345	348	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	348	351	3	3.00	2.90	100.0	96.7	MV
GW16-284	KM	351	354	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	354	357	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	357	360	3	3.00	2.95	100.0	98.3	MV
GW16-284	KM	360	363	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	363	366	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	366	369	3	3.00	2.80	100.0	93.3	MV
GW16-284	KM	369	372	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	372	375	3	3.00	3.00	100.0	100.0	MV
GW16-284	KM	375	378	3	3.00	3.00	100.0	100.0	MV



hole_number	Logger	depth_ from	depth_ to	length_ run	length_ tcr	length_ rqd	percent_ tcr	percent_ rqd	Litho Code
GW16-285	KM	15	18	3	2.70	0.8	90.0	29.6	MV
GW16-285	KM	18	21	3	3.00	3	100.0	100.0	MV
GW16-285	KM	21	24	3.1	3.10	2.85	100.0	91.9	MV
GW16-285	KM	24	27	2.9	2.90	2.93	100.0	101.0	MV
GW16-285	KM	27	30	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	30	33	3	3.00	2.70	100.0	90.0	MV
GW16-285	KM	33	36	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	36	39	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	39	42	3	3.00	2.90	100.0	96.7	MV
GW16-285	KM	42	45	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	45	48	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	48	51	3	3.00	2.95	100.0	98.3	MV
GW16-285	KM	51	54	3	3.00	2.95	100.0	98.3	MV
GW16-285	KM	54	57	3	3.00	2.95	100.0	98.3	MV
GW16-285	KM	57	60	3	3.00	2.97	100.0	99.0	MV
GW16-285	KM	60	63	3	3.00	2.95	100.0	98.3	MV
GW16-285	KM	63	66	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	66	69	3	3.00	2.80	100.0	93.3	MV
GW16-285	KM	69	72	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	72	75	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	75	78	3	3.00	2.97	100.0	99.0	MV
GW16-285	KM	78	81	3	3.00	2.75	100.0	91.7	MV
GW16-285	KM	81	84	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	84	87	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	87	90	3	3.00	2.85	100.0	95.0	MV
GW16-285	KM	90	93	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	93	96	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	96	99	3	3.00	2.93	100.0	97.7	MV
GW16-285	KM	99	102	3	3.00	2.92	100.0	97.3	MV
GW16-285	KM	102	105	3	3.00	2.95	100.0	98.3	MV
GW16-285	KM	105	108	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	108	111	3	2.35	1.65	78.3	70.2	MV
GW16-285	KM	111	114	3	3.00	2.70	100.0	90.0	MV
GW16-285	KM	114	117	3	3.00	2.78	100.0	92.7	MV
GW16-285	KM	117	120	3	3.00	2.88	100.0	96.0	MV
GW16-285	KM	120	123	3	3.00	2.85	100.0	95.0	MV
GW16-285	KM	123	126	3	3.00	2.80	100.0	93.3	MV
GW16-285	KM	126	129	3	3.00	2.80	100.0	93.3	MV
GW16-285	KM	129	132	3	2.90	2.70	96.7	93.1	MV
GW16-285	KM	132	135	3	2.50	1.85	83.3	74.0	MV
GW16-285	KM	135	138	3	3.00	2.85	100.0	95.0	MV
GW16-285	KM	138	141	3	3.00	2.55	100.0	85.0	MV
GW16-285	KM	141	144	3	3.00	2.95	100.0	98.3	MV
GW16-285	KM	144	147	3	3.00	2.95	100.0	98.3	MV
GW16-285	KM	147	150	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	150	153	3	3.00	2.50	100.0	83.3	MV
GW16-285	KM	153	156	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	156	159	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	159	162	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	162	165	3	3.00	2.78	100.0	92.7	MV
GW16-285	KM	165	168	3	3.00	2.90	100.0	96.7	MV
GW16-285	KM	168	171	3	3.00	2.75	100.0	91.7	MV
GW16-285	KM	171	174	3	3.00	2.70	100.0	90.0	MV
GW16-285	KM	174	177	3	3.00	2.65	100.0	88.3	MV
GW16-285	KM	177	180	3	3.00	2.60	100.0	86.7	MV

hole_number	Logger	depth_ from	depth_ to	length_ run	length_ tcr	length_ rqd	percent_ tcr	percent_ rqd	Litho Code
GW16-285	KM	180	183	3	3.00	2.65	100.0	88.3	MV
GW16-285	KM	183	186	3	3.00	2.90	100.0	96.7	MV
GW16-285	KM	186	189	3	3.00	2.85	100.0	95.0	MV
GW16-285	KM	189	192	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	192	195	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	195	198	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	198	201	3	3.00	2.70	100.0	90.0	MV
GW16-285	KM	201	204	3	3.00	2.40	100.0	80.0	MV
GW16-285	KM	204	207	3	3.00	2.60	100.0	86.7	MV
GW16-285	KM	207	210	3	3.00	2.97	100.0	99.0	MV
GW16-285	KM	210	213	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	213	216	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	216	219	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	219	222	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	222	225	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	225	228	3	3.00	2.80	100.0	93.3	MV
GW16-285	KM	228	231	3	3.00	2.95	100.0	98.3	MV
GW16-285	KM	231	234	3	3.00	2.90	100.0	96.7	MV
GW16-285	KM	234	237	3	3.00	2.70	100.0	90.0	MV
GW16-285	KM	237	240	3	2.80	1.40	93.3	50.0	MV
GW16-285	KM	240	243	3	3.00	2.85	100.0	95.0	MV
GW16-285	KM	243	246	3	3.00	2.90	100.0	96.7	MV
GW16-285	KM	246	249	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	249	252	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	252	255	3	3.00	3.00	100.0	100.0	MV
GW16-285	KM	255	258	3	3.00	2.82	100.0	94.0	MV
GW16-285	KM	258	261	3	3.00	2.84	100.0	94.7	UM
GW16-285	KM	261	264	3	3.00	2.30	100.0	76.7	UM
GW16-285	KM	264	267	3	2.90	1.90	96.7	65.5	UM
GW16-285	KM	267	270	3	3.00	2.20	100.0	73.3	UM
GW16-285	KM	270	273	3	3.00	2.30	100.0	76.7	UM
GW16-285	KM	273	276	3	3.00	2.90	100.0	96.7	UM
GW16-285	KM	276	279	3	3.00	2.55	100.0	85.0	UM
GW16-285	KM	279	282	3	3.00	2.90	100.0	96.7	UM
GW16-285	KM	282	285	3	3.00	2.70	100.0	90.0	UM
GW16-285	KM	285	288	3	3.00	2.00	100.0	66.7	UM
GW16-285	KM	288	291	3	3.00	1.50	100.0	50.0	UM
GW16-285	KM	291	294	3	3.00	0.00	100.0	0.0	UM
GW16-285	KM	294	297	3	3.00	1.25	100.0	41.7	UM
GW16-285	KM	297	300	3	3.00	0.75	100.0	25.0	UM
GW16-285	KM	300	303	3	3.00	1.90	100.0	63.3	UM
GW16-285	KM	303	306	3	3.00	2.35	100.0	78.3	UM
GW16-285	KM	306	309	3	3.00	2.30	100.0	76.7	UM
GW16-285	KM	309	312	3	3.00	2.85	100.0	95.0	UM
GW16-285	KM	312	315	3	3.00	2.95	100.0	98.3	UM
GW16-285	KM	315	318	3	3.00	3.00	100.0	100.0	UM
GW16-285	KM	318	321	3	3.00	2.84	100.0	94.7	UM
GW16-285	KM	321	324	3	3.00	2.80	100.0	93.3	UM
GW16-285	KM	324	327	3	3.00	1.15	100.0	38.3	MV
GW16-285	KM	327	330	3	3.00	2.38	100.0	79.3	MV
GW16-285	KM	330	333	3	3.00	2.80	100.0	93.3	MV
GW16-285	KM	333	336	3	3.00	2.35	100.0	78.3	MV
GW16-285	KM	336	339	3	3.00	1.75	100.0	58.3	MV
GW16-285	KM	339	342	3	3.00	1.90	100.0	63.3	MV
GW16-285	KM	342	345	3	3.00	2.65	100.0	88.3	MV



## APPENDIX D DRILL HOLE LOGS





Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<b>Drilling</b>	<b>Casing</b>	<b>Core</b>	<b>Location</b>	<b>Other</b>
<b>Azimuth:</b> 169.5	<b>Length:</b> 75	<b>Dimension:</b> NQ	<b>Township:</b> WARK	<b>Logged by:</b> Kevin Montgomery
<b>Dip:</b> -55	<b>Pulled:</b> no	<b>Storage:</b> Norex Yard	<b>Claim No.:</b> 4253013	<b>Relog by:</b>
<b>Length:</b> 396	<b>Capped:</b> yes	<b>Section:</b>	<b>NTS:</b> 42A/11	<b>Contractor:</b> Norex Drilling
<b>Started:</b> 15-Feb-16	<b>Cemented:</b> no	<b>Hole Type</b> DD	<b>Hole:</b> SURFACE	<b>Spotted by:</b> Dan Collin
<b>Completed:</b> 20-Feb-16				<b>Surveyed:</b> yes
<b>Logged:</b> 18-Feb-16				<b>Surveyed by:</b> Gowest Survey Team
<b>Comment:</b>				<b>Geophysics:</b> Mag
		<b>Coordinate - Gemcom</b>	<b>Coordinate - UTM</b>	<b>Geophysic Contractor:</b>
		<b>East:</b> 482050.9	<b>East:</b> 482050.9	<b>Left in hole:</b>
		<b>North:</b> 5395154.42	<b>North:</b> 5395154.42	<b>Making water:</b> yes
		<b>Elev.:</b> 292.2	<b>Elev.:</b> 292.2	<b>Multi shot survey:</b> yes
			<b>Zone:</b> 17N <b>NAD:</b> NAD83	

**Deviation Tests**

<b>Distance</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Type</b>	<b>Good</b>	<b>Comments</b>
0.00	169.50	-55.00	C	<input checked="" type="checkbox"/>	
87.00	169.00	-55.30	F	<input checked="" type="checkbox"/>	mag 5615 temp 11.5
138.00	168.00	-55.10	F	<input checked="" type="checkbox"/>	mag 5606
189.00	341.00	-54.10	F	<input type="checkbox"/>	mag 4544 temp 11.5
201.00	167.80	-54.20	F	<input checked="" type="checkbox"/>	mag 5600 temp 12
252.00	167.50	-53.10	F	<input checked="" type="checkbox"/>	mag 5592 temp 15.2
303.00	169.80	-51.80	F	<input checked="" type="checkbox"/>	mag 5550 temp 17.2
354.00	167.30	-51.00	F	<input checked="" type="checkbox"/>	mag 5611 temp 15.6

Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
0.00	74.50	<b>OVB</b> <i>Overburden</i> From 59.4 to 74.5 m the overburden is brown consolidated glacial till with 10-15% angular sediment fragments and local granite boulders. Casing was pushed down to 75 m into the bedrock.								
74.50	119.60	<b>ARG</b> <i>Argillite</i> Black, Vfg, well bedded, non magnetic, unaltered argillite unit. It consists of 70-80% black vfg graphitic argillite laminations to beds (up to 1 cm thick) interbedded with 20-30% Fg greywacke beds (up to 3 cm thick). MINERALIZATION: trace to 0.5% cubic Mg-Cg pyrite disseminations. ALTERATION: none VEINING: Local bull white quartz veins and local quartz-calcite veinlets (1-3 mm) parallel and crosscutting bedding. STRUCTURE: well bedded with fracture slippage along the bedding causing poor RQD (see RQD log). Bedding 50 to CA at 78 m, 60 to CA at 87m, 50 to CA at 96 and 105 m, 55 to CA at 114 m. Lower contact of unit 50 to CA.	Q620206	75.50	76.50	1.00	0.003	20	0.26	-
			Q620207	76.50	77.60	1.10	0.003	23	0.30	-
			Q620208	77.60	77.80	0.20	0.003	3	0.05	-
			Q620209	77.80	79.00	1.20	0.003	14	0.21	-
			Q620211	96.00	97.00	1.00	0.016	19	0.41	-
			Q620212	106.95	108.00	1.05	0.003	35	0.60	-
			Q620213	108.00	109.05	1.05	0.003	27	0.37	-
			Q620214	109.05	110.00	0.95	0.003	29	0.49	-
			Q620216	110.00	111.00	1.00	0.003	34	0.11	-
			Q620217	113.00	114.15	1.15	0.003	30	0.23	-
		<b>Minor Interval:</b>	Q620218	114.15	114.50	0.35	0.003	14	0.06	-
		93.35 93.48 QCV <i>Quartz-Carbonate vein</i>	Q620219	114.50	115.50	1.00	0.003	24	0.16	-
		same as 77.6-77.8 contacts 70 to CA.	Q620220	115.50	116.50	1.00	0.003	28	0.24	-
		<b>Minor Interval:</b>								
		102.00 106.95 QCV <i>Quartz-Carbonate veining</i>								
		Several small (<10 cm corelength) Quartz-carbonate veins and stringers parallel to bedding.								
		<b>Minor Interval:</b>								
		106.95 109.05 GWKE <i>Greywacke</i>								
		Grey Fg greywacke with 10% fine argillite laminations. ALTERATION: weak persavie calcite STRUCTURE: weak faint bedding 45 to CA. Bedding tops appear downhole based on fining beds and scour at 107.05.								

Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
114.15	114.50	QCAV <i>Quartz-Calcite vein</i> greyish white Vfg Quartz-Calcite (20% calcite) vein with 15% sediment selvages. UC is 70 to CA and LC is 40 to CA.								
<b>Minor Interval:</b>										
77.60	77.80	QCV <i>Quartz-Carbonate vein</i> Bull White Vfg Quartz vein with 10-12% cream white carbonate material. UC 50 to CA LC irregular low to CA.								
<b>Minor Interval:</b>										
78.40	78.90	QCV <i>Quartz-Carbonate veining</i> White quartz-carbonate stringers to veinlets (50%) flooded section. Section from 78-81 m has 1.4 m of core loss.								
119.60	125.75	<b>GWKE</b> <i>Greywacke</i> Grey, Fg, weakly bedded, greywacke with local black argillite laminations. STRUCTURE: laminations/bedding 60 to CA. MINERALIZATION: trace to 0.5% Cubic Mg-Cg pyrite disseminations. ALTERATION: none. VEINING: 3-5% white quartz-calcite stringers mostly parallel to bedding minor crosscutting and two local veins 10 cm wide. Lower Contact 65 to CA.								
125.75	167.40	<b>ARG</b> <i>Argillite</i> same as 74.5-119.6 m. Predominantly argillite 80-85% with greywacke beds up to 10 cm core length. STRUCTURE: well bedded 50 to CA at 129 m, 55 to CA at 138 m, 45 to CA at 147 m, and 50 to CA at 156 m.	Q620221	147.00	148.00	1.00	0.003	14	0.47	-
			Q620222	148.00	149.00	1.00	0.003	13	0.31	-
			Q620223	149.00	150.00	1.00	0.003	13	0.04	-
<b>Minor Interval:</b>										
133.65	133.75	FZ <i>Fault Zone</i> Gouge								

Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		<b>Minor Interval:</b>								
	165.30	165.50	QCV	<i>Quartz-Carbonate vein</i>						
		Bull white Vfg quartz vein with 15% cream carboante and minor calcite. UC 60 to CA and LC 50 to CA.								
167.40	183.30	<b>GWKE</b>	<i>Greywacke</i>							
		Grey Vfg well bedded greywacke with 30-35% black Vfg argillite beds. STRUCTURE; well bedded 55 to CA at 168 m, 65 to CA at 174 m, 75 to CA at 177 and 180 m. Note the flattening of 20 degrees in bedding from unit above. ALTERATION: none. MINERALIZATION: trace to 0.5% Mg-Cg disseminated cubic pyrite. VEINING: Local white quartz-calcite veinlets (up to 3 cm) parallel to bedding.								
		<b>Minor Interval:</b>								
	170.05	170.30	QV	<i>Quartz Vein</i>						
		Bull white Vfg massive quartz vein with 3% carbonate material. Ragged contacts 55 to CA.								
183.30	196.80	<b>ARG</b>	<i>Argillite</i>							
		Black Vfg bedded argillite with 15% light grey greywacke beds. STRUCTURE: well bedded with slippage along the bedding causing poor RQD. Bedding at 80 to CA at 192 m and 70 to CA at 96.5 m. MINERALIZATION: as above. ALTERATION: none VEINING: Local white quartz-calcite veins (up to 10 cm) and trace stingers along bedding. Lower contact 65 to CA.								
		<b>Minor Interval:</b>								
	188.40	189.65	GWKE	<i>Greywacke</i>						
		Bedded greywacke with locak fault gouge seams and two white quartz-calcite veins (10 cm).								

Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
194.90	195.10	QCAV <i>Quartz-Calcite vein</i> White Vfg quartz-calcite vein. UC undiscernable due to blocky core LC 55 to CA.								
<b>Minor Interval:</b>										
195.90	196.00	QCAV <i>Quartz-Calcite vein</i> same as above.								
<b>Minor Interval:</b>										
196.10	196.17	QCAV <i>Quartz-Calcite vein</i> same as above, Contacts ragged UC 65 to CA and LC 75 to CA.								
196.80	207.10	<b>GWKE</b> <b>Greywacke</b> Grey bedded greywacke with VFg to Fg beds and 20% VFg argillite beds. STRUCTURE: well bedded, 60 to CA at 198 m and 65 to CA at 220.4 and 206.8 m. ALTERATION: weak spotty pervasive calcite MINERALIZATION: trace scattered Cg disseminated cubic pyrite. VEINING: very minor calcite stringers parallel to bedding. Lower contact 65 to CA.	Q620224	200.35	201.35	1.00	0.003	7	0.21	-
			Q620225	201.35	202.75	1.40	0.003	11	0.15	-
			Q620226	202.75	204.10	1.35	0.003	9	0.06	-
			Q620227	204.10	205.10	1.00	0.003	1	0.36	-
			Q620228	205.10	206.10	1.00	0.003	1	0.17	-
			Q620229	206.10	207.10	1.00	0.003	16	1.42	-
<b>Minor Interval:</b>										
201.35	203.45	ARG <i>Argillite</i>								
207.10	217.50	<b>ARG</b> <b>Argillite</b> same as 183.8 to 196.8 m but with 5-10% light grey thin beds (< 1 cm) of greywacke. STRUCTURE: well bedded 65 to CA at 216 m. ALTERATION: none MINERALIZATION: trace scattered Mg cubic disseminated pyrite. VEINING: 3% white quartz-calcite stringers to 1 cm veinlets parallel to bedding. Lower contact 65 to CA	Q620230	207.10	208.60	1.50	0.003	10	0.56	-
			Q620231	208.60	209.10	0.50	0.003	9	0.24	-
<b>Minor Interval:</b>										
208.10	208.55	QV <i>Quartz Vein</i>								

Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		White Vfg quartz vein with light green patches and 15% argillite material. Contacts 85 to CA.								
217.50	223.70	<b>GWKE</b> <b>Greywacke</b> same as 196.8-207.1 m, 12% Argillite beds. MIN: trace pyrite disseminations VEINING: 5% white irregular quartz veins (up to 10 cm) to stringers. STRUCTURE: bedded. Lower contact 65 to CA.								
		<b>Minor Interval:</b> 219.40 220.60 SED <i>Sediment Undifferentiated</i> Greenish speckled light grey, Fg, weakly foliated chloritized? Sediment. ALTERATION: intense pervasive calcite and moderate speckled chloritization. STRUCTURE: foliated faint 55 to CA MIN: none UC 75 to CA and LC 65 to CA. Could also be an intrusive sill???								
223.70	230.50	<b>ARG</b> <b>Argillite</b> Black to dark grey, Vfg, finely bedded argillite with slippage along bedding. About 5% thin greywacke laminations to beds (1 cm). MIN: trace disseminated cubic Fg to Mg pyrite. ALTERATION: 3% fine (< 5 mm) white calcite stringers parallel to bedding. No veining STRUCTURE: Well bedded 65 to CA at 225 m. Lower contact 60 to CA.								
230.50	270.90	<b>GWKE</b> <b>Greywacke</b> same as 196.8-207.1 m, with 5% thin argillite laminations to beds and one thicker argillite bed (see minor lithology). MINERALIZATION: trace to occasional Fg to Mg cubic brassy pyrite disseminations. The unit is cut by local quartz-calcite veins and veinlets. STRUCTURE: well bedded 65 to CA at 233.5, 243, 252, 261 and 270 m.. Lower contact 65 to CA.	Q620232	231.75	232.75	1.00	0.003	8	0.18	-
			Q620233	232.75	233.55	0.80	0.003	4	0.16	-
			Q620235	233.55	234.25	0.70	0.003	5	0.17	-
			Q620236	234.25	235.25	1.00	0.003	9	0.16	-

Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
232.75	233.00	QCAV <i>Quartz-Calcite vein</i> Vein contains 30-40% greywacke slivers to bands. Contacts are 60 to CA.								
<b>Minor Interval:</b>										
233.90	234.20	QCAV <i>Quartz-Calcite vein</i> same as above.								
<b>Minor Interval:</b>										
257.00	259.90	ARG <i>Argillite</i> Black Vfg well bedded argillite with strong slippage along bedding RQD very poor. Local thin calcite stringers crosscutting bedding.								
270.90	284.90	ARG <i>Argillite</i> same as 223.7 to 230.5 m. Bedding 60 to CA at 279 m. Lower contact 65 to CA.	Q620237	282.80	283.80	1.00	0.003	23	0.30	-
			Q620238	283.80	284.40	0.60	0.003	13	0.47	-
			Q620239	284.40	284.90	0.50	0.003	10	0.75	-
<b>Structure Maj.:</b>		<b>Type/Core Angle</b>	<b>Comment</b>							
271.60 - 273.50		BC	strong second fracture set 15 to 30 to CA.							
<b>Minor Interval:</b>										
283.80	284.40	QV <i>Quartz Vein</i> 30% Grey Vfg quartz veining flooding the section.								
284.90	287.85	S11 <i>Graphitic Argillite</i> Black Vfg soft, friable weakly laminated graphitic and pyritic argillite. STRUCTURE: weakly laminated 60 to CA at 287.5 m. VEINING: 5% fine calcite-quartz stringers (up to 1 cm) parallel to laminations. MINERALIZATION: 2-3% brownish Vfg pyrite often disseminations to wisps within the calcite-quartz stringers. Lower Contact is 65 to CA.	Q620240	284.90	286.00	1.10	0.013	231	3.81	-
			Q620242	286.00	287.00	1.00	0.021	153	4.28	-
			Q620243	287.00	287.85	0.85	0.019	64	6.42	-

Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
287.85	396.00	<b>MV</b> <b>Mafic Volcanic Flows</b> Green, Vfg, massive, locally amygdaloidal mafic volcanic flows. The flow selvages are crackle brecciated black graphite argillite material filling fractures. Spotty strong magnetism often in black flow selvages. ALTERATION: variable calcite as in filled amygdules and stringers. STRUCTURE: Crackle fracture brecciation throughout down to 378.7 m and local faint foliation sections. Foliation 40 to CA at 298.7, 55 to CA at 309 m, 60 to CA at 320.4 m, 65 to CA at 325.2 m, 65 to CA at 339 m, 40 to CA at 343.4 m, 65 to CA at 349.3, 75 to CA at 366 m, MINERALIZATION: NIL Brown Vfg Pyrrhotite Seam(3-5 mm) at 33.5 m. From 287.85 to 378.7 m, scattered quartz-calcite to calcite stringers to veinlets. Local bull white Vfg quartz veins (larger ones noted below). Local amygdaloidal sections: 290.7-292.4, 303.7-305.6 and 336-339. Pillowed mafic flows from 378.7 to 396 m. Massive texture no foliation or crackle brecciation.	Q620244	287.85	288.90	1.05	0.020	23	1.75	-
			Q620245	288.90	289.50	0.60	0.003	38	0.42	-
			Q620246	289.50	290.25	0.75	0.025	8	0.10	-
			Q620247	290.25	291.30	1.05	0.005	20	0.65	-
			Q620248	291.30	292.40	1.10	0.003	10	0.57	-
			Q620249	292.40	293.40	1.00	0.005	9	0.16	-
			Q620250	293.40	294.50	1.10	0.003	21	0.12	-
			Q620251	309.50	310.30	0.80	0.016	8	0.23	-
			Q620252	310.30	310.55	0.25	0.003	1	0.16	-
			Q620253	310.55	311.55	1.00	0.003	9	0.24	-
			Q620254	341.00	342.00	1.00	0.003	1	0.14	-
			Q620255	342.00	343.00	1.00	0.003	1	0.08	-
			Q620256	343.00	344.00	1.00	0.003	1	0.26	-
			Q620257	363.50	364.50	1.00	0.003	23	0.10	-
			Q620258	364.50	365.00	0.50	0.003	51	0.15	-
			Q620259	365.00	366.00	1.00	0.060	92	0.52	-
			Q620261	366.00	367.00	1.00	0.009	29	0.24	-
			Q620262	393.00	394.05	1.05	0.005	15	0.24	-
			Q620263	394.05	395.00	0.95	0.325	837	0.87	-
			Q620264	395.00	396.00	1.00	0.010	37	0.30	-
		<b>Alteration Maj:</b> <b>Type/Style/Intensity</b> <b>Comment</b> 364.50 - 366.00 CHL P M Blackish green section of moderate pervasive chlorite that is flooded with grey quartz-calcite veinlets and a larger vein 365.17-365.27 m at 90 to CA.								
		<b>Mineralization Maj. :</b> <b>Type/Style/%Mineral</b> <b>Comment</b> 365.40 - 365.45 PO DIS 3 Brown Vfg 394.05 - 395.00 PO DIS 2 Brown Vfg trace chalcopyrite								
		<b>Structure Maj.:</b> <b>Type/Core Angle</b> <b>Comment</b> 370.50 - 375.00 F 60 Blocky core section of strong black graphitic argillite filled fractures with trace pyrrhotite or pyrite smears.								
		<b>Minor Interval:</b> 289.50 289.85 QV <b>Quartz Vein</b> White Vfg quartz vein at 0 to CA down the side of the core with an irregular ragged contact. It appears to possibly splay of the vein from 289.85 to 290.25 m.								
		<b>Minor Interval:</b> 289.85 290.25 QV <b>Quartz Vein</b> White Vfg quartz vein with trace irregular mafic filled microfractures. UC 43 to CA and LC 58 to CA								



Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
291.39	291.44	QCAV <i>Quartz-Calcite vein</i> White Vfg quartz vein with calcite filled microfracturing (15%), 80 to CA.								
<b>Minor Interval:</b>										
292.40	292.65	QCAV <i>Quartz-Calcite vein</i> same as above, contacts 80 to CA. Also contains 20% pale green mafic volcanic selvages.								
<b>Minor Interval:</b>										
292.85	293.40	QV <i>Quartz Vein</i> same as 289.85 to 290.25 vein and contacts 60 to CA.								
<b>Minor Interval:</b>										
306.60	306.68	QCAV <i>Quartz-Calcite vein</i> White Vfg massive quartz-calcite vein UC 65 to CA and LC 70 to CA.								
<b>Minor Interval:</b>										
310.30	310.55	QCAV <i>Quartz-Calcite vein</i> Greyish white Vfg quartz-calcite vein with 30% light grey Vfg carbonate? Patches and slivers of mafic volcanic. Spalshes of pink carbonate. Contacts ragged but about 85 to CA.								
<b>Minor Interval:</b>										
341.35	341.55	QCAV <i>Quartz-Calcite vein</i> same as 306.6 to 306.68 m. Contacts irregular.								
<b>Minor Interval:</b>										
342.05	342.25	QCAV <i>Quartz-Calcite vein</i> same as 310.3-310.55 m, 5% pink carbonate concentrated at contacts. UC 65 to CA and LC ragged 30 to CA.								
<b>Minor Interval:</b>										
342.70	342.95	QCAV <i>Quartz-Calcite vein</i> White and greyish clear crystalline coarse quartz (clear)-calcite (milk white) vein. UC irregular and LC 65 to CA.								
<b>Minor Interval:</b>										
345.40	345.50	QCAV <i>Quartz-Calcite vein</i> same as 306.6 to 306.68 (4 cm wide), 35 to CA.								

Hole Number: **GW16-282**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
356.15	356.15	QCAV <i>Quartz-Calcite vein</i> same as 310.3-310.55 m, UC irregular and LC 50 to CA.								
<b>Minor Interval:</b>										
362.70	362.90	QCAV <i>Quartz-Calcite vein</i> White VFg quartz-calcite vein with pink carbonate at Upper contact area. The Vein has ragged contacts and is generally at low angle to CA.								
<b>Minor Interval:</b>										
394.05	394.20	QV <i>Quartz Vein</i> Grey VFg quartz vein with calcite microfractures and 3-4% Vfg brown pyrrhotite blebs. UC 60 to CA and LC 75 to CA.								
<b>Minor Interval:</b>										
394.84	394.93	QV <i>Quartz Vein</i> Grey Vfg crystalline quartz vein 90 to CA.								

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<b>Drilling</b>	<b>Casing</b>	<b>Core</b>	<b>Location</b>	<b>Other</b>
<b>Azimuth:</b> 147.1	<b>Length:</b> 48	<b>Dimension:</b> NQ	<b>Township:</b> WARK	<b>Logged by:</b> Kevin Montgomery
<b>Dip:</b> -55	<b>Pulled:</b> no	<b>Storage:</b> Norex Yard	<b>Claim No.:</b> 4255013	<b>Relog by:</b>
<b>Length:</b> 449.7	<b>Capped:</b> yes	<b>Section:</b>	<b>NTS:</b> 42A/11	<b>Contractor:</b> Norex Drilling
<b>Started:</b> 24-Feb-16	<b>Cemented:</b> no	<b>Hole Type</b> DD	<b>Hole:</b> SURFACE	<b>Spotted by:</b> Dan Collin
<b>Completed:</b> 29-Feb-16				<b>Surveyed:</b> yes
<b>Logged:</b> 28-Feb-16				<b>Surveyed by:</b> Gowest Survey Team
<b>Comment:</b>				<b>Geophysics:</b>
		<b>Coordinate - Gemcom</b>	<b>Coordinate - UTM</b>	<b>Geophysic Contractor:</b>
		<b>East:</b> 478402.4	<b>East:</b> 478402.4	<b>Left in hole:</b>
		<b>North:</b> 5394370	<b>North:</b> 5394370	<b>Making water:</b> yes
		<b>Elev.:</b> 285.1	<b>Elev.:</b> 285.1	<b>Multi shot survey:</b> yes
			<b>Zone:</b> 17N <b>NAD:</b> NAD83	

**Deviation Tests**

<b>Distance</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Type</b>	<b>Good</b>	<b>Comments</b>
0.00	147.10	-55.00	C	<input checked="" type="checkbox"/>	
60.00	149.90	-54.90	F	<input checked="" type="checkbox"/>	mag 5602
111.00	152.80	-54.10	F	<input checked="" type="checkbox"/>	mag 5603
162.00	154.80	-53.50	F	<input checked="" type="checkbox"/>	mag 5631 temp 18.8
213.00	157.60	-51.70	F	<input checked="" type="checkbox"/>	mag 5608
264.00	159.30	-50.00	F	<input checked="" type="checkbox"/>	mag 5609 temp 17.6
315.00	163.00	-48.10	F	<input checked="" type="checkbox"/>	mag 5606
366.00	163.30	-46.10	F	<input checked="" type="checkbox"/>	mag 5603 temp 13.8
417.00	166.70	-44.40	F	<input checked="" type="checkbox"/>	mag 5598
450.00	168.40	-43.50	F	<input checked="" type="checkbox"/>	mag 5600 temp 15.8

Hole Number: **GW16-283**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
0.00	22.20	<b>OVB</b> <i>Overburden</i> The casing was pushed into bedrock to 24 m.								
22.20	108.20	<b>MV</b> <i>Pillowed Mafic Volcanic Flows</i> Pale green, Vfg, foliated pillowed mafic volcanic flows. The interflow selvages are narrow and dark green chlorite rich. STRUCTURE: faint moderately foliated down to 60 m. 45 to CA at 25 m, 50 to CA at 30.2, 42.5, 45, 55.5 m, 55 to CA at 59.8 m, Pillow top indicating downhole at 83.35 m. ALTERATION: spotty moderate pervasive calcite. Local blackish dark green chlorite altered sections. VEINING: The unit is cut by random irregular quartz-calcite stringers to veinlets and local veins. One large quartz vein see below. MINERALIZATION: Local 5% Fg brassy disseminated pyrite in flow selvages at 44.65 and 47.15 m. No sulphides elsewhere. Lower contact gradational.	Q620335	43.50	44.50	1.00	0.003	1	0.11	-
			Q620336	44.50	45.00	0.50	0.006	1	0.59	-
			Q620337	45.00	46.00	1.00	0.003	1	0.05	-
			Q620338	46.00	47.00	1.00	0.003	1	0.05	-
			Q620339	47.00	47.50	0.50	0.006	1	0.80	-
			Q620340	47.50	48.50	1.00	0.005	1	0.14	-
			Q620341	75.00	76.00	1.00	0.003	1	0.06	-
			Q620343	76.00	77.15	1.15	0.003	1	0.08	-
			Q620344	81.00	82.20	1.20	0.003	3	0.18	-
			Q620345	82.20	83.10	0.90	0.003	1	0.01	-
			Q620346	83.10	84.00	0.90	0.003	1	0.01	-
		<b>Alteration Maj:</b> <i>Type/Style/Intensity</i> <i>Comment</i>								
		54.55 - 55.50	CHL P MS	blackish dark green section upper 20 cm moderate shearing						
		71.60 - 77.15	EP B MS	light yellow green wispy streaks to irregular bands of Vfg epidote (flow selvage section)						
		77.15 - 0.00	Sil P S	Dark grey silica chlorite rich flow selvage band						
		<b>Structure Maj.:</b> <i>Type/Core Angle</i> <i>Comment</i>								
		59.60 - 60.00	SHR 55	friable due to slippage along shearing weak pale yellow epidote						
		<b>Texture Maj:</b> <i>Type</i> <i>Comment</i>								
		85.60 - 89.75	FBX	Subrounded pale green mafic volcanic blocks surrounded by anastomosing dark green chlorite material (15 %)						
		<b>Minor Interval:</b>								
		29.35	29.42	QCAV	<i>Quartz-Calcite vein</i>					
					White Vfg quartz-calcite vein (4 cm) 45 to CA.					

Hole Number: **GW16-283**

Project: **WARK 1**

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
31.30	32.15	LC <i>Lost Core</i> Not sure whether it is just a strongly fractured section or due to drilling. No gouge or soft fault material seen.								
<b>Minor Interval:</b>										
61.15	71.60	CAV <i>Calcite Veining</i> Greyish white calcite (minor quartz) irregular stringers to patches, 7-10% of section.								
<b>Minor Interval:</b>										
82.20	83.10	QV <i>Quartz Vein</i> Bull white Vfg quartz vein. The lower portion below 82.85 m contains 40% pale green mafic angular fragments and 10% dark green chlorite fragments. UC ragged possibly 30 to CA and LC 40 to CA.								
108.20	123.30	<b>MV</b> <i>Mafic Volcanic Flows</i> Dark grey, Vfg, amygdaloidal massive mafic volcanic flows with 5% black Vfg argillite filled microfractures to flow selvages. The amygdules are white calcite filled and prominent from 117 to 119 m (10%). ALTERATION: moderate pervasive calcite. Dark grey colouration may be due to pervasive fine graptite. STRUCTURE: locally foliated 55 to CA at 114.6, 117.8 and 121 m. VEINING: 2-3% Vfg white quartz-calcite stringers to veinlets (up to 1.5 cm) irregular and randomly oriented. MINERALIZATION: Vfg brown pyrrhotite disseminations concentrated in argillite flow selvages from 114.55 to 118.9 m. See below for concentrations. Lower contact 60 to CA.	Q620347	114.00	114.55	0.55	0.003	1	0.18	-
			Q620349	114.55	115.35	0.80	0.007	1	1.01	-
			Q620350	115.35	116.35	1.00	0.003	1	0.61	-
			Q620351	116.35	117.00	0.65	0.003	1	0.36	-
			Q620352	117.00	117.70	0.70	0.003	2	0.31	-
			Q620353	117.70	118.90	1.20	0.003	1	0.99	-
			Q620354	118.90	120.00	1.10	0.003	1	0.38	-
<b>Mineralization Maj. :</b>		<b>Type/Style/%Mineral</b>	<b>Comment</b>							
114.55 - 115.35		PO DIS 1	Overall 1 % but 3-5% concentrated in argillite rich flow selvages							
115.35 - 116.35		PO DIS 0.5	same as above							
117.70 - 118.90		PO DIS 2	same as above							

Hole Number: **GW16-283**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
123.30	173.00	<b>MV</b> <b>Mafic Volcanic Flows</b> Green, blotchy (dark green patches), VFg.massive mafic volcanic flows with local black argillite filled crackle fractures. Flow banding at 60 to CA at 124.5 and 125.5 m. ALTERATION: local weak to moderate pervasive calcite. VEINING: 2-3% overall. Dominantly Vfg white to clear quartz stringers to veinlets and lesser calcite stringers. MINERALIZATION: pyrrhotite locally see below. The lower portion of the unit from 168.8 m to 173 m is crackle fractured. It consists of 5% black VFg argillite filled irregular fractures. Lower contact gradational.	Q620355	147.00	147.60	0.60	0.003	7	0.20	-
			Q620356	147.60	148.40	0.80	0.014	1	1.92	-
			Q620357	148.40	149.50	1.10	0.018	11	0.37	-
		<b>Mineralization Maj. :</b>								
		<b>Type/Style/%Mineral</b>								
		<b>Comment</b>								
		123.30 - 126.00	PO DIS 0.5							
		147.65 - 147.70	PO STR 5							
		148.25 - 148.33	PO INT 10							
		168.80 - 173.00	PO DIS 0.5							
		<b>Minor Interval:</b>								
		130.00	133.00	QV						
		<b>Minor Interval:</b>								
		151.20	155.00	CAV						
173.00	186.90	<b>MV</b> <b>Mafic Volcanic Flows</b> Grey to light grey, Vfg, massive crackle fractured mafic volcanic flow with narrow flow selvages. The mafic flow contains 10% black Vfg argillite filled microfractures to fractures (up 5 mm thick) giving the unit a crackle texture. VEINING: trace quartz-calcite stringers. MINERALIZATION: trace to 0.5% Vfg brown pyrrhotite within the argillite fractures, this increases to 0.5% from 183 to 186 m then higher see below. Sharp lower contact but core ground by drillers.	Q620358	183.00	184.00	1.00	0.007	2	1.32	-
			Q620359	184.00	185.00	1.00	0.006	9	0.93	-
			Q620360	185.00	186.00	1.00	0.005	5	1.67	-
			Q620361	186.00	186.40	0.40	0.016	1	4.40	-
			Q620362	186.40	186.90	0.50	0.023	1	11.90	-
		<b>Mineralization Maj. :</b>								
		<b>Type/Style/%Mineral</b>								
		<b>Comment</b>								
		186.00 - 186.40	PO DIS 5							

Hole Number: **GW16-283**

Project: **WARK 1**

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
	186.40 - 186.75	PY DIS 1 brassy Vfg to Fg disseminations								
	186.40 - 186.75	PO DIS 10 brown VFg disseminations to oval blebs								
	186.75 - 186.90	PO Mass 93 Brown Vfg massive pyrrhotite band at lower contact of flow. The band has 7% Vfg black argillite wisps. UC 55 to CA.								
186.90	201.40	<b>MV</b> <i>Pillowed Mafic Volcanic Flows</i> Pale green, Vfg, Variolitic pillowed mafic volcanic flows. Distinct variolitic sections consisting of pale green Vfg varioles (circular typically 3 mm diameter) within green chlorite rich interflow sections. The interflow sections are typically 30 cm core length and make up 40% of unit to 194 m. VEINING: The upper part to 188.4 m is cut by 5% irregular white quartz-calcite veining. MINERALIZATION: nil sulphides. Lower contact 60 to CA.	Q620363	186.90	188.00	1.10	0.003	5	0.82	-
201.40	217.10	<b>MV</b> <i>Mafic Volcanic Flows</i> Dark blackish green, mottled, Fg, intrusive textured soft non-magnetic mafic volcanic. It could possibly be a komattitic basalt. ALTERATION: moderately serpentized throughout. Nil sulphides. VEINING: From 207.8 to 217.1 m. Quartz-calcite veinlet flooded section (irregular and randomly oriented). 25% veining., Lower contact gradational.								
		<b>Minor Interval:</b> 203.09 203.15 QV <i>Quartz Vein</i> White Vfg quartz vein 60 to CA.								
		<b>Minor Interval:</b> 203.45 204.15 QCAV <i>Quartz-Calcite vein</i> White Vfg irregular quartz-calcite vein 5 to CA and 1-2 cm wide.								

Hole Number: **GW16-283**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
204.90	205.15	QCAV Quartz-Calcite vein same as above.								
217.10	313.15	<b>MV</b> <b>Mafic Volcanic Flows</b> Green Vfg, massive mafic volcanic flows that are locally crackle fractured. The Crackle fractured sections are infilled with VFg black argillite. ALTERATION: very local pervasive calcite. VEINING: Scattered quartz and quartz-calcite stringers to veins with more intense sections locally see below. MINERALIZATION: Local sections of 0.5-15% brassy Fg pyrite disseminations within argillite filled fractures in breccia sections. Sections outlined below. Lower contact sharp 80 to CA.	Q620364	220.00	220.90	0.90	0.003	1	0.16	-
			Q620365	220.90	221.40	0.50	0.005	1	0.01	-
			Q620366	221.40	222.40	1.00	0.009	7	0.04	-
			Q620368	234.00	235.25	1.25	0.003	10	0.09	-
			Q620369	235.25	235.65	0.40	0.009	24	2.36	-
			Q620370	235.65	236.50	0.85	0.005	9	0.22	-
			Q620371	244.00	244.90	0.90	0.005	5	0.01	-
			Q620372	244.90	246.00	1.10	0.003	5	0.51	-
			Q620373	246.00	247.10	1.10	0.006	4	0.28	-
			Q620374	247.10	248.00	0.90	0.005	3	0.01	-
			Q620376	274.50	275.50	1.00	0.006	3	0.34	-
			Q620377	275.50	276.40	0.90	0.003	4	0.03	-
			Q620378	276.40	276.90	0.50	0.010	9	0.96	-
			Q620379	276.90	277.40	0.50	0.006	24	0.15	-
			Q620380	277.40	278.50	1.10	0.005	15	0.01	-
			Q620381	278.50	279.40	0.90	0.005	76	0.16	-
			Q620382	279.40	279.90	0.50	0.042	245	3.69	-
			Q620383	279.90	280.65	0.75	0.030	32	0.30	-
			Q620384	280.65	282.00	1.35	0.006	7	0.06	-
			Q620385	304.00	305.00	1.00	0.007	1	0.51	-
			Q620386	305.00	305.60	0.60	0.003	1	0.65	-
			Q620387	305.60	306.40	0.80	0.006	1	0.72	-
			Q620388	306.40	307.20	0.80	0.005	1	2.00	-
		<b>Mineralization Maj. :</b>								
		<b>Type/Style/%Mineral</b>	<b>Comment</b>							
		235.25 - 235.65	PY DIS 10 brassy Fg to VFg disseminations in argillite crackle breccia.							
		240.15 - 240.20	PY DIS 15 same as above							
		266.00 - 266.20	PY DIS 1 Fg brassy							
		276.40 - 276.90	PY DIS 3 Fg brassy							
		279.40 - 279.90	PY DIS 12 Fg brassy							
		282.50 - 286.30	POPY DIS 0.5 Vfg brown pyrrhotite disseminations and trace FG brassy Pyrite disseminations in the argillite filled fractures.							
		293.85 - 293.90	PO FF 10 Vfg brown							
		303.00 - 304.00	PY DIS 0.5 Vfg brassy							
		304.00 - 306.40	PY DIS 1 vfg locally Fg brassy							
		306.40 - 307.20	PY DIS 3 Fg							
		307.20 - 308.40	PY DIS 5 Fg							
		308.40 - 308.80	PY DIS 1 Fg							
		308.40 - 308.80	PO Mass 93 Magnetic Vfg Brown Pyrrhotite band with 5-^% Vfg white calcite and grey quartz interstitial material. UC 55 to CA and LC 40 to CA.							
		308.80 - 310.85	PY DIS 2 brassy Vfg to Fg							



Hole Number: **GW16-283**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>		
		<b>Texture Maj:</b>	<b>Type</b>	<b>Comment</b>								
	225.85 - 226.05	VAR		flow margin	Q620389	307.20	307.80	0.60	0.008	4	2.48	-
	226.05 - 227.10	FB		This is an interflow section that is dark green to black mottled with 15% black argillite and the remaining mafic volcanic chunks are locally variolitic.	Q620391	307.80	308.40	0.60	0.005	1	2.09	-
					Q620392	308.40	308.80	0.40	0.038	1	7.12	-
					Q620393	308.80	309.80	1.00	0.006	1	2.08	-
					Q620394	309.80	310.85	1.05	0.005	1	0.95	-
					Q620395	310.85	312.00	1.15	0.006	11	0.28	-
		<b>Minor Interval:</b>										
	220.90	221.40	QV	<i>Quartz Vein Flooded Section</i>								
				75% white Vfg quartz vein material and 25% angular mafic volcanic chunks. UC 25 to CA and LC ragged irregular.								
		<b>Minor Interval:</b>										
	222.15	222.20	QCAV	<i>Quartz-Calcite vein</i>								
				White Vfg quartz-calcite vein 40 to CA.								
		<b>Minor Interval:</b>										
	232.20	235.25	QCAV	<i>Quartz-Calcite veining</i>								
				Section cut by 12% Irregular white to greyish white quartz-calcite stringers to a vein (3 cm). Locally pale green serpentine spots present in the stringers.								
		<b>Minor Interval:</b>										
	235.25	235.65	BX	<i>Breccia</i>								
				Crackle breccia of 20% argillite filled fractures.								
		<b>Minor Interval:</b>										
	237.90	240.15	QCAV	<i>Quartz-Calcite veining</i>								
				15% same as 232.2 to 235.25 m, mostly veins 0.5 to 3 cm with one 10 cm flooded section.								
		<b>Minor Interval:</b>										
	240.15	243.20	BX	<i>Breccia</i>								
				same as 235.25 to 235.65 m.								
		<b>Minor Interval:</b>										
	244.90	247.10	BX	<i>Breccia</i>								
				same as 235.25 to 235.65 m.								
		<b>Minor Interval:</b>										
	252.60	252.65	QV	<i>Quartz Vein</i>								
				White Vfg quartz vein (4 cm) 50 to CA.								

Hole Number: **GW16-283**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
253.65	253.68	QV <i>Quartz Vein</i> same as above 2 cm thick and 50 to CA.								
<b>Minor Interval:</b>										
259.00	262.00	BX <i>Breccia</i> Crackle breccia of 10-15% black argillite filled fractures with 1% brassy Fg pyrite disseminations locally in fractures.								
<b>Minor Interval:</b>										
266.00	266.20	BX <i>Breccia</i> same as above.								
<b>Minor Interval:</b>										
267.70	267.80	QV <i>Quartz Vein</i> White to clear quartz vein 45 to CA.								
<b>Minor Interval:</b>										
271.15	271.25	QV <i>Quartz Vein</i> White quartz vein with 10% green specks of mafic material, 35 to CA.								
<b>Minor Interval:</b>										
276.40	277.20	BX <i>Breccia</i> Crackle breccia of 25% argillite filled fractures.								
<b>Minor Interval:</b>										
279.40	280.65	BX <i>Breccia</i> same as above.								
<b>Minor Interval:</b>										
282.50	286.30	BX <i>Breccia</i> Crackle breccia of 15% argillite filled fractures with local 1% Vfg brown pyrrhotite Vfg disseminations.								
<b>Minor Interval:</b>										
287.25	287.80	QV <i>Quartz Vein</i> Clear Vfg quartz vein with 5% calcite in microfractures. Vein is 5-10 to CA and 1-2 cm wide.								
<b>Minor Interval:</b>										
290.10	290.13	QV <i>Quartz Vein</i> same as above, 1.5 cm wide and 25 to CA.								

Hole Number: **GW16-283**

Project: **WARK 1**

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		<b>Minor Interval:</b>								
291.75	291.85	QV <i>Quartz Vein</i> sames as the vein at 271.15 to 271.25 m. Contacts at 25 to CA.								
		<b>Minor Interval:</b>								
297.13	297.20	QV <i>Quartz Vein</i> Clear Vfg quartz vein with irregular contacts.								
313.15	326.20	<b>UM</b> <i>Ultramafic Volcanic Flows</i> Dark green, Vfg-fg, soft serpentinized sheared nonmagnetic ultramafic volcanic (possibly komatiitic basalt). It has a mesocumulate texture consisting of olive green serpentinized cumulate grains with interstitial pale green aphanitic matrix. STRUCTURE: moderately sheared. Below 317 m, strong slippage along serpentine shear foliation causing poor RQD (10). Shearing 60 to CA at 314.1 m, 55 to CA at 316.5, 65 to CA at 318.3 m, 320.75 m, and 322.4 m. Shearing ends at about 324.4 m. VEINING: 1% Vfg white calcite-quartz stringers mostly sub parallel to shearing. No sulphides. ALTERATION: moderate pervasive serpentinization and local dark green black aphanitic serpentine angular specks. From 324.4 to 326.2 m massive mesocumulate till spinifex texture appears marking the lower contact.								
326.20	379.75	<b>UM</b> <i>Ultramafic Volcanic Flows</i> Dark green to black Vfg to Fg variably magnetic massive peridotite flows with adcumulate and local mesocumulate textured sections. The upper part (326.2-327 m) of unit is spinifex textured with tops up hole. STRUCTURE: strong to moderatley fractured RQD 40 to 60 with strongest fracturing from 357-369 m with RQD 15-30. ALTERATION: weak to moderate pervasive serpentinization. MINERALIZATION: nil except one section see below. VEINING: Trace to 0.5% scattered quartz-calcite stringers throughout. Stockwork white calcite-talc veinlets at 362.7 to 363 and 369.7 to 377.1 m. Lower contact sharp 85 to CA.	Q620396	357.00	358.00	1.00	0.006	12	1.51	-
			Q620397	358.00	359.00	1.00	0.005	5	0.98	-
			Q620398	359.00	360.00	1.00	0.005	6	0.92	-
			Q620399	360.00	361.00	1.00	0.006	3	1.08	-
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>						
		354.00 - 364.00	PO DIS 0.1	trace locally						
		354.00 - 364.00	PY ws 0.5	scattered Vfg brassy wisps						
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>						

Hole Number: **GW16-283**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		core loss								
	329.80 - 330.30	BLKY strong fracturing								
	333.00 - 340.00	BLKY strong to moderate fracturing								
	357.00 - 362.40	BLKY strong fracturing								
	<b>Texture Maj:</b>	<b>Type</b>	<b>Comment</b>							
	326.20 - 327.00	SPX	Random knobby							
379.75	384.40	<b>MV Mafic Volcanic Flows</b> Grey, Vfg, hard massive mafic volcanics cut by 1-2% fine quartz-calcite stingers. ALTERATION: moderate pervasive silicification and weak pervasive carbonatization. Lower contact gradational.								
384.40	410.80	<b>MV Mafic Volcanic Flows</b> Green to grey, mottled, Vfg pillowed mafic volcanic flow. Distinct black chloritized interflow selvages typically composed of light green serpentine, white quartz-calcite and black chlorite. They are 1-2 cm to 15 cm core length. ALTERATION: moderate pervasive silica and patchy grey carbonatization. STRUCTURE: massive but local shearing 55 to CA at 388.4 m, 45 to CA at 406.2 and 60 to CA at 409.3 m. MINERALIZATION: Nil VEINING: the unit is cut by 2-3% irregular white to clear quartz-calcite stringers to veinlets randomly oriented. Lower contact marked by appearance of intrusive texture.								
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>						
	394.55 - 395.05	SERP	SP WM							
	394.55 - 395.05	Sil	P I	Bleached white aphanitic to Vfg hard sections with local bulbous texture.						
	<b>Minor Interval:</b>									
	395.05 - 395.65	QV	Quartz Vein							

Hole Number: **GW16-283**

Project: **WARK 1**

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		stringers to patches. UC 25 to CA and LC 15 to CA.								
410.80	429.60	<b>MV</b> <i>Mafic Volcanic Flows</i> Green, Fg-Mg, massive intrusive textured. mafic volcanic flow. The intrusive texture is fine interlocking chloritized mafic laths in a white quartz-feldspar matrix. The flow has a central feldspar porphyritic core from 413.7 to 421.35 m. The porphyritic texture consists of 65% medium white plagioclase grains in a green chlorite-quartz matrix. STRUCTURE: massive weak fractures. Nil sulphides. Very local quartz veinlets. The lower part of the unit (426.95-429.6 m) contains 5% black irregular argillite filled fractures. Lower contact is gradational.								
		<b>Minor Interval:</b>								
	426.63	426.73	ARG	<i>Argillite</i>						
		Black Argillite-Quartz Band. UC 50 to CA and LC 25 to CA.								
429.60	432.40	<b>MV</b> <i>Mafic Volcanic Flow Breccia</i> Grey Vfg crackle fracture brecciated mafic volcanic. The intensity of the black argillite filled fractures increases from 10% to 25% downhole towards the argillite unit. ALTERATION: moderate pervasive carbonate. Lower contact sharp but ragged and marked by semi-massive pyrrhotite band.	Q620401	430.50	431.25	0.75	0.005	44	1.48	-
			Q620402	431.25	432.40	1.15	0.017	26	3.37	-
		<b>Mineralization Maj. :</b>								
		<b>Type/Style/%Mineral</b>								
		<b>Comment</b>								
	430.50 - 431.25	PY DIS 0.5								within argillite filled microfractures.
	431.25 - 432.40	PO BL 15								Vfg brown disseminations to blebs within the argillite fractures.

Hole Number: **GW16-283**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
432.40	437.30	<b>ARG</b> <i>Argillite</i> Black Vfg bedded argillite with Vfg siliceous greywacke beds. Very minor quartz-calcite stringers. STRUCTURE: bedding seems to flatten from 50 to CA at 432.8 m, 40 to CA at 434.3 m to 30 to CA at 436.3 m. MINERALIZATION: A semi massive pyrrhotite band from 432.4 to 432.53 m, then 10% Vfg brown pyrrhotite wisps to local ovoids and disseminations to 436.9 m. Lower contact 60 to CA.	Q620403	432.40	433.00	0.60	0.060	23	6.85	-
			Q620404	433.00	434.00	1.00	0.031	13	1.05	-
			Q620405	434.00	435.00	1.00	0.016	11	1.02	-
			Q620406	435.00	436.00	1.00	0.024	31	1.36	-
			Q620407	436.00	436.90	0.90	0.027	116	2.68	-
			Q620408	436.90	437.30	0.40	0.037	264	0.79	-
437.30	450.00	<b>MV</b> <i>Mafic Volcanic Flows</i> same as 410.8 to 429.6 m but no feldspar porphyritic section and more Vfg to Fg. The unit is cut locally by low angle to CA quartz veins 1-3 cm wide. Local dark green Vfg chlorite filled fractures. No alteration or sulphides.	Q620409	437.30	438.00	0.70	0.006	17	0.14	-
		<b>Minor Interval:</b>								
	438.10	438.33	QV	<i>Quartz Vein</i> White Vfg quartz vein with 10-15% green mafic volcanic angular fragments. Contacts irregular.						

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<b>Drilling</b>	<b>Casing</b>	<b>Core</b>	<b>Location</b>	<b>Other</b>
<b>Azimuth:</b> 147.1	<b>Length:</b> 48	<b>Dimension:</b> NQ	<b>Township:</b> WARK	<b>Logged by:</b> Kevin Montgomery
<b>Dip:</b> -55	<b>Pulled:</b> no	<b>Storage:</b> Norex Yard	<b>Claim No.:</b> 4255013	<b>Relog by:</b>
<b>Length:</b> 449.7	<b>Capped:</b> yes	<b>Section:</b>	<b>NTS:</b> 42A/11	<b>Contractor:</b> Norex Drilling
<b>Started:</b> 24-Feb-16	<b>Cemented:</b> no	<b>Hole Type</b> DD	<b>Hole:</b> SURFACE	<b>Spotted by:</b> Dan Collin
<b>Completed:</b> 29-Feb-16				<b>Surveyed:</b> yes
<b>Logged:</b> 28-Feb-16				<b>Surveyed by:</b> Gowest Survey Team
<b>Comment:</b>				<b>Geophysics:</b>
		<b>Coordinate - Gemcom</b>	<b>Coordinate - UTM</b>	<b>Geophysic Contractor:</b>
		<b>East:</b> 478402.4	<b>East:</b> 478402.4	<b>Left in hole:</b>
		<b>North:</b> 5394370	<b>North:</b> 5394370	<b>Making water:</b> yes
		<b>Elev.:</b> 285.1	<b>Elev.:</b> 285.1	<b>Multi shot survey:</b> yes
			<b>Zone:</b> 17N <b>NAD:</b> NAD83	

**Deviation Tests**

<b>Distance</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Type</b>	<b>Good</b>	<b>Comments</b>
0.00	147.10	-55.00	C	<input checked="" type="checkbox"/>	
60.00	149.90	-54.90	F	<input checked="" type="checkbox"/>	mag 5602
111.00	152.80	-54.10	F	<input checked="" type="checkbox"/>	mag 5603
162.00	154.80	-53.50	F	<input checked="" type="checkbox"/>	mag 5631 temp 18.8
213.00	157.60	-51.70	F	<input checked="" type="checkbox"/>	mag 5608
264.00	159.30	-50.00	F	<input checked="" type="checkbox"/>	mag 5609 temp 17.6
315.00	163.00	-48.10	F	<input checked="" type="checkbox"/>	mag 5606
366.00	163.30	-46.10	F	<input checked="" type="checkbox"/>	mag 5603 temp 13.8
417.00	166.70	-44.40	F	<input checked="" type="checkbox"/>	mag 5598
450.00	168.40	-43.50	F	<input checked="" type="checkbox"/>	mag 5600 temp 15.8

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
0.00	48.00	<b>OVB</b> <i>Overburden</i> Ground core from 48 to 49.2 m.								
48.00	145.65	<b>ARG</b> <i>Argillite</i> Black Vfg well bedded argillite with 3% greywacke beds to laminations local larger greywacke beds (see below). MINERALIZATION: trace Mg to Cg cubic pyrite disseminations locally up to 0.5% VEINING: Trace Vfg quartz-calcite stringers parallel to bedding. STRUCTURE: well bedded. Bedding 55 to CA at 51 m, 50 to CA at 60 and 67 m, 45 to CA at 78 m, 50 to CA at 87 m, 40 to CA at 99, 105 and 117 m, 45 to CA at 123, 129 and 132 m, 50 to CA at 137.5 m and 45 to CA at 144 m. The lower contact with the mafic volcanics is 50 to CA.	Q620265	59.00	60.00	1.00	0.007	37	0.42	-
			Q620266	60.00	61.00	1.00	0.006	53	0.67	-
			Q620268	61.00	62.00	1.00	0.009	18	0.69	-
			Q620269	62.00	63.00	1.00	0.006	20	0.37	-
			Q620270	63.00	64.00	1.00	0.007	25	0.33	-
			Q620271	83.00	84.00	1.00	0.010	40	0.62	-
			Q620272	84.00	85.00	1.00	0.011	40	0.40	-
			Q620273	85.00	86.00	1.00	0.008	34	0.44	-
			Q620274	111.00	112.00	1.00	0.008	34	0.23	-
			Q620275	112.00	113.00	1.00	0.010	33	0.23	-
			Q620276	113.00	114.00	1.00	0.007	40	0.56	-
			Q620277	114.00	115.00	1.00	0.008	27	0.31	-
			Q620278	115.00	116.00	1.00	0.008	37	0.32	-
			Q620279	116.00	116.50	0.50	0.015	54	1.62	-
			Q620280	116.50	117.50	1.00	0.007	31	0.27	-
			Q620281	134.00	135.00	1.00	0.008	40	0.30	-
			Q620282	135.00	136.00	1.00	0.008	41	0.43	-
			Q620283	136.00	137.00	1.00	0.009	47	0.83	-
			Q620284	137.00	138.00	1.00	0.021	46	0.79	-
			Q620286	138.00	139.00	1.00	0.009	42	0.42	-
			Q620287	139.00	140.00	1.00	0.008	36	0.47	-
		<b>Mineralization Maj. :</b>								
		<i>Type/Style/%Mineral</i>	<i>Comment</i>							
		59.00 - 64.00	PY DIS 0.5	Cubic Cg scattered						
		83.00 - 86.00	PY DIS 0.5	Cubic Mg-Cg						
		113.00 - 116.00	PY DIS 0.5	Cubic Mg Cg						
		132.00 - 134.00	PY DIS 0.5	cubic Mg-Cg						
		134.00 - 145.65	PO BL 0.1	trace scattered Vfg brown ovoids						
		134.00 - 145.65	PY DIS 1	very finely disseminated local Fg-Mg cubic						
		<b>Structure Maj.:</b>	<i>Type/Core Angle</i>	<i>Comment</i>						
		95.00 - 97.00	BC	strong fracturing 0.65 m of core loss						
		<b>Minor Interval:</b>								
		96.25	96.35	QCAV	<i>Quartz-Calcite vein</i>					
					White Vfg quartz-calcite vein in broken core section exact vein location unknown.					



Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au (ppm)</i>	<i>As (ppm)</i>	<i>S (%)</i>	<i>Sg</i>
		<b>Minor Interval:</b>	Q620288	140.00	141.00	1.00	0.010	43	0.49	-
113.30	113.80	GWKE <i>Greywacke</i> Light grey Fg finely laminated greywacke contacts 40 to CA.	Q620289	141.00	142.00	1.00	0.011	41	0.57	-
		<b>Minor Interval:</b>	Q620290	142.00	143.00	1.00	0.013	41	0.56	-
115.65	115.90	GWKE <i>Greywacke</i> same as above contacts 50 to CA	Q620291	143.00	144.00	1.00	0.009	39	0.70	-
			Q620293	144.00	145.00	1.00	0.009	29	0.80	-
			Q620294	145.00	145.65	0.65	0.009	32	1.38	-
145.65	154.95	<b>MV</b> <i>Mafic Volcanic Flow Breccia</i> Grey Vfg, carbonate altered brecciated mafic volcanic. It consists of a 95% Vfg grey massive mafic volcanic angular fragments with Vfg black argillite material interstitial (fractures) to the fragments. STRUCTURE: weak alignment of fragments 55 to CA. ALTERATION: weak to moderate pervasive carbonatization and calcite imparting the grey colouration to the unit. VEINING: 5% white vfg quartz-calcite veins (up to 8 cm) to stringers randomly oriented. MINERALIZATION: see below, Lower contact gradational.	Q620295	145.65	146.50	0.85	0.008	41	1.23	-
			Q620296	146.50	147.50	1.00	0.007	49	0.51	-
			Q620297	147.50	148.50	1.00	0.005	42	0.70	-
			Q620298	148.50	149.50	1.00	0.006	40	0.54	-
			Q620299	149.50	150.50	1.00	0.006	45	0.44	-
			Q620300	150.50	151.50	1.00	0.006	41	0.52	-
		<b>Mineralization Maj. :</b> <i>Type/Style/%Mineral</i> <i>Comment</i>	Q620301	151.50	152.50	1.00	0.012	13	3.40	-
		151.50 - 153.00 PY DIS 1 Fg disseminations in the argillite	Q620302	152.50	153.00	0.50	0.059	8	4.72	-
		151.50 - 153.00 PO ws 2 Vfg brown wisps to dissemination in the argillite filled fractures	Q620303	153.00	153.50	0.50	0.022	11	6.23	-
		153.00 - 153.10 PO Mass 95 Vfg-Fg massive Po band 40 to CA with 1% cubic Cg pyrite	Q620304	153.50	154.50	1.00	0.009	29	1.47	-
		153.10 - 154.50 PY DIS 1 Fg disseminations to weak stringers	Q620305	154.50	154.95	0.45	0.007	19	0.64	-
154.95	229.90	<b>MV</b> <i>Mafic Volcanic Flows</i> Green, Vfg, massive homogenous mafic volcanic flows. The upper section is coarser Fg to 161 m. This is followed by a flow breccia section 161.2 to 162.7 m. STRUCTURE: massive. ALTERATION: none but spotty calcite VEINING: Local large veins see below. Trace quartz-calcite stringers to 195 m. Below 195 m, 5-7% quartz-calcite veins to stringers with some yellow epidote. Lower Contact gradational.	Q620306	169.50	170.30	0.80	0.005	1	0.51	-
			Q620307	170.30	170.65	0.35	0.011	1	0.25	-
			Q620309	170.65	171.50	0.85	0.006	4	0.57	-

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>		
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>								
		163.10 - 165.00	BLKY	Strong fracturing with 0.5 m of core loss								
		<b>Minor Interval:</b>										
		170.30	170.65	QCAV	<i>Quartz-Calcite vein</i>							
		White Vfg quartz-calcite vein with upper contact. Contacts 25 to CA.										
		<b>Minor Interval:</b>										
		195.58	195.65	QCAV	<i>Quartz-Calcite vein</i>							
		same as above, 5 cm thick and 40 to CA.										
		<b>Minor Interval:</b>										
		198.00	198.15	QCAV	<i>Quartz-Calcite vein</i>							
		White dark green spotted Fg massive quartz-calcite vein with 35% dark green chlorite spots. UC 45 to CA and LC 50 to CA. No sulphides.										
		<b>Minor Interval:</b>										
		204.35	204.60	QCAV	<i>Quartz-Calcite vein</i>							
		White to grey, Vfg, Quartz-calcite vein with 25% grey volcanic angular fragments and 15% yellowish green epidote fragments near vein margins. UC 45 to CA and LC 80 to CA. No sulphides.										
		<b>Minor Interval:</b>										
		207.00	217.00	QCAV	<i>Quartz-Calcite veining</i>							
		White Vfg quartz-calcite diffuse veining (10%) in the section with yellowish green epidote.										
229.90	242.65	<b>MV</b>	<b>Mafic Volcanic Flows</b>		Q620310	238.00	238.80	0.80	0.184	74	0.62	-
		Dark grey, Vfg, massive altered mafic volcanic flows. ALTERATION: strong pervasive calcite and dark grey colouration may be due to carbonaceous alteration. MINERALIZATION: trace finely disseminated pyrite throughout. VEINING: 5% irregular white quartz-calcite stringers down to 238 m, then larger veins as noted below. Lower contact is sharp 60 to CA.										
					Q620311	238.80	239.65	0.85	0.006	30	0.17	-
					Q620312	239.65	240.40	0.75	0.011	100	0.32	-
					Q620313	240.40	241.00	0.60	0.092	43	0.22	-
					Q620314	241.00	242.00	1.00	0.030	63	0.33	-
		<b>Minor Interval:</b>										
		238.80	239.65	QV	<i>Quartz Vein</i>							

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		White to grey Vfg quartz vein with 20-25% mafic volcanic material. Trace disseminated Vfg pyrite and pyrrhotite. UC 45 to CA and LC irregular.								
		<b>Minor Interval:</b>								
	240.60	240.75	QCAV							
		White Vfg UC 45 to CA and LC 10 to CA.								
242.65	254.20	<b>MV</b> <i>Mafic Volcanic Flows</i>								
		same as 154.95 to 229.9 m. locally Fg. Sharp ragged contact with sediment below, 60 to CA.	Q620315	248.00	248.75	0.75	0.007	3	0.33	-
			Q620316	248.75	249.15	0.40	0.012	1	0.02	-
			Q620318	249.15	250.00	0.85	0.008	15	0.01	-
			Q620319	253.00	254.20	1.20	0.008	6	0.22	-
		<b>Minor Interval:</b>								
	248.75	249.15	QCAV							
		Contacts 30 to CA. Vein contains 20% reddish brown patches (rose quartz) and 10-12% beige patches (iron carbonate).								
254.20	255.10	<b>SED</b> <i>Sediment Undifferentiated</i>								
		The upper part 254.2 to 254.7 m is a grey Vfg bedded greywacke, bedding 45 to CA. Greywacke contains 5% fine argillite laminations. A narrow 1 cm quartz vein parallel to bedding at the lower contact with argillite. The lower part 254.7 to 255.1 m is a black vfg bedded argillite. Bedding 45 to CA. The argillite contains 12% light grey greywacke thin beds (mm). MINERALIZATION: The argillite contains 5% disseminated Vfg to cubic Fg pyrite disseminations along bedding. Lower contact is 50 to CA.	Q620320	254.20	254.70	0.50	0.007	3	0.28	-
			Q620321	254.70	255.10	0.40	0.037	1	2.62	-
255.10	260.30	<b>MV</b> <i>Sheared Mafic Volcanic Flows</i>								
		Grey to dark grey, Fg, sheared mafic volcanics. It contains 15% black Vfg argillite shearstreaks (1-2 mm) at 50 to CA. The volcanic matrix is a homogenous Fg interlocking quartz-amphibole-calcite. ALTERATION: moderate and spotty pervasive calcite. No sulphides or veining. Lower contact sharp and marked by first flow	Q620322	255.10	256.00	0.90	0.009	15	1.06	-
			Q620323	256.00	257.00	1.00	0.011	1	0.79	-
			Q620324	257.00	258.00	1.00	0.007	1	0.35	-

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		selvage and disappearance of argillite streaks.								
260.30	297.00	<p><b>MV</b>      <b><i>Pillowed Mafic Volcanic Flows</i></b></p> <p>Green Fg pillowed mafic volcanics. The unit consists of dark green to black soft Vfg chlorite rich interflow selvages locally variolitic margins (5-7% of unit) marking the boundaries of flows. The inter flow selvages are up to 15 cm in core length. The flows are light green to green Fg massive and harder. The pillow/flow cores are fg to mg intrusive granophyric textured from 288 to 297 m. ALTERATION: spotty pervasive calcite. Only local veins see below. STRUCTURE: very local weak shearing at 50 to CA. Lower contact gradational.</p> <p><b>Alteration Maj:</b>      <b><i>Type/Style/Intensity</i></b>      <b><i>Comment</i></b></p> <p>286.50 - 288.00      GRPH F M</p> <p><b>Structure Maj.:</b>      <b><i>Type/Core Angle</i></b>      <b><i>Comment</i></b></p> <p>282.00 - 288.00      BLKY      moderately strong fracturing RQD 65</p> <p><b>Minor Interval:</b></p> <p>262.70      262.95      QV      <i>Quartz Veining</i></p> <p>White Vfg quartz veins (1-3 cm) to veinlets at 45 to CA comprising 50% of section.</p>								
297.00	330.40	<p><b>MV</b>      <b><i>Mafic Volcanic Flows</i></b></p> <p>same as above but grey colouration possible due to weak to moderate pervasive carbonate alteration. The interflow selvages are flow breccias from 308.7 to 313.6 m. The unit is cut by 0.5 to locally 1% quartz-calcite stringers to veinlets. Lower contact gradational.</p> <p><b>Structure Maj.:</b>      <b><i>Type/Core Angle</i></b>      <b><i>Comment</i></b></p> <p>312.70 - 312.85      SHR 35      interflow selvage</p> <p>314.85 - 315.15      SHR 45</p>								

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		<b>Texture Maj:</b> 316.00 - 316.20								
		<b>Type</b> PORPH								
		<b>Comment</b> 70% white feldspar globs (with clear quartz specks) in upper margin of interflow selvage. Lower margin has about 15% at 316.35 m.								
		<b>Minor Interval:</b> 301.50 301.75								
		<b>Type</b> QCAV								
		<b>Comment</b> Quartz-Calcite veining White Vfg quartz-calcite veining (80% of section) at 30 to CA.								
		<b>Minor Interval:</b> 324.95 325.05								
		<b>Type</b> QCAV								
		<b>Comment</b> Quartz-Calcite vein White Vfg quartz-calcite vein ( 3 cm wide) 30 to CA.								
330.40	428.05	<b>MV</b> <b>Pillowed Mafic Volcanic Flows</b>								
		same as 260.3 to 297 m. Local granophyric texture in the pillows. The granophyric texture consists of milk Vfg white plagioclase-quartz blobs with aphanitic pale green chlorite groundmass. Long granophyric section from 354.6 to 361.6 m. Very local quartz and quartz-calcite stringers to veins. Lower contact gradational.	Q620325	375.00	375.70	0.70	0.006	1	0.01	-
			Q620326	375.70	376.30	0.60	0.008	1	0.01	-
			Q620327	376.30	377.00	0.70	0.007	9	0.01	-
		<b>Alteration Maj:</b> 349.70 - 352.65								
		<b>Type/Style/Intensity</b> CHL F M								
		<b>Comment</b> Dark grey to black section, chlorite filled fractured pillows/flow cores.								
		<b>Minor Interval:</b> 352.50 352.60								
		<b>Type</b> QV								
		<b>Comment</b> Quartz Vein White Vfg quartz vein with 10% Vfg yellow epidote and 10% Vfg clear quartz. Vein 3 cm wide and 40 to CA.								
		<b>Minor Interval:</b> 358.27 358.35								
		<b>Type</b> QV								
		<b>Comment</b> Quartz Vein Clear Vfg quartz vein 50 to CA.								
		<b>Minor Interval:</b> 375.70 376.30								
		<b>Type</b> QV								
		<b>Comment</b> Quartz Vein Clear to white, Vfg, massive quartz vein UC ragged LC 60 to CA.								

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		<b>Minor Interval:</b>								
381.10	381.13	QV <i>Quartz Vein</i> same as above, 3 cm wide, 50 to CA.								
		<b>Minor Interval:</b>								
394.50	394.58	QV <i>Quartz Vein</i> same as above, 80 to CA.								
		<b>Minor Interval:</b>								
395.50	395.85	QV <i>Quartz Veining</i> Section of mafic volcanic flooded by 50% irregular VFg white quartz veining randomly oriented.								
		<b>Minor Interval:</b>								
396.30	396.36	QV <i>Quartz Vein</i> same as 375.7-376.3, 4 cm wide 45 to CA.								
428.05	439.05	<b>MV</b> <i>Mafic Volcanic Flows</i> Pale green Vfg hard massive mafic volcanic flow with a white calcite-quartz-talc stockwork vein system. 40% veining in section. ALTERATION: moderate pervasive silicification. Veining is anastomosing and from 1 mm to 3 cm thick. No sulphides or flow structure in the unit. Lower contact gradational.	Q620328	436.00	437.00	1.00	0.008	1	0.01	-
			Q620329	437.00	438.00	1.00	0.008	1	0.02	-
			Q620330	438.00	439.05	1.05	0.009	2	0.01	-
439.05	449.70	<b>UM</b> <i>Ultramafic Volcanic Flows</i> Black to dark grey Vfg soft weakly magnetic massive adcumulate ultramafic volcanic flow with a white calcite-quartz-talc stockwork vein system. 20% anastomosing veinlets from 3 mm to 1 cm thick. No sulphides present. The adcumulate perridotite consists of 97% black olivine cumulate grains in mutual contact with each other and 3% white talc groundmass. The lower part 448.1 to 449.7 m is green serpentinized perridotite with local faint spinifex texture. Last 0.3 m of core stayed at bottom of hole.	Q620331	439.05	440.00	0.95	0.008	5	0.03	-
			Q620332	440.00	441.00	1.00	0.007	8	0.04	-
			Q620334	441.00	442.00	1.00	0.003	1	0.22	-



## LITHOLOGY REPORT - Detailed -

Hole Number: **GW16-284**

Project: **WARK 2**

Project Number: **007**

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<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>As</i> <i>(ppm)</i>	<i>S</i> <i>(%)</i>	<i>Sg</i>
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Hole Number: **GW16-285**

Project: **WARK 1**

Project Number: **006**

<b>Drilling</b>	<b>Casing</b>	<b>Core</b>	<b>Location</b>	<b>Other</b>
<b>Azimuth:</b> 181	<b>Length:</b> 15	<b>Dimension:</b> NQ	<b>Township:</b> PROSSER	<b>Logged by:</b> Kevin Montgomery
<b>Dip:</b> -55	<b>Pulled:</b> no	<b>Storage:</b> Norex Yard	<b>Claim No.:</b> 4255012	<b>Relog by:</b>
<b>Length:</b> 445	<b>Capped:</b> yes	<b>Section:</b>	<b>NTS:</b> 42A/11	<b>Contractor:</b> Norex Drilling
<b>Started:</b> 27-Feb-16	<b>Cemented:</b> no	<b>Hole Type</b> DD	<b>Hole:</b> SURFACE	<b>Spotted by:</b> Dan Collin
<b>Completed:</b> 04-Mar-16				<b>Surveyed:</b> yes
<b>Logged:</b> 01-Mar-16				<b>Surveyed by:</b> Gowest Survey Team
<b>Comment:</b>				<b>Geophysics:</b> Mag
		<b>Coordinate - Gemcom</b>	<b>Coordinate - UTM</b>	<b>Geophysic Contractor:</b>
		<b>East:</b> 481299.9	<b>East:</b> 481299.9	<b>Left in hole:</b>
		<b>North:</b> 5395950	<b>North:</b> 5395950	<b>Making water:</b> yes
		<b>Elev.:</b> 291.8	<b>Elev.:</b> 291.8	<b>Multi shot survey:</b> yes
			<b>Zone:</b> 17N <b>NAD:</b> NAD83	

**Deviation Tests**

<b>Distance</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Type</b>	<b>Good</b>	<b>Comments</b>
0.00	181.00	-55.00	C	<input checked="" type="checkbox"/>	
27.00	181.90	-55.40	F	<input checked="" type="checkbox"/>	mag 5621 temp 6.6
78.00	181.60	-54.80	F	<input checked="" type="checkbox"/>	mag 5608 temp 13.4
135.00	179.70	-54.00	F	<input checked="" type="checkbox"/>	mag 5594 temp 12.4
186.00	180.40	-53.10	F	<input checked="" type="checkbox"/>	mag 5609 temp 12.3
237.00	180.00	-52.40	F	<input checked="" type="checkbox"/>	mag 5611 temp 11.5
288.00	178.50	-49.90	F	<input checked="" type="checkbox"/>	mag 5594 temp 215.4
339.00	177.20	-48.20	F	<input checked="" type="checkbox"/>	mag 5592 temp 10.8
390.00	175.80	-47.70	F	<input checked="" type="checkbox"/>	mag 5602 temp 12



Hole Number: **GW16-285**

Project: **WARK 1**

Project Number: **006**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au (ppm)</i>	<i>As (ppm)</i>	<i>S (%)</i>	<i>Sg</i>
0.00	15.00	<b>OVB</b> <i>Overburden</i>								
15.00	98.50	<b>MV</b> <i>Mafic Volcanic Flows</i> Beige, Vfg, altered mafic volcanic flows. Distinct dark green chloritic interflow selvages ranging from cm to 70 cm core length possibly pillowed. MINERALIZATION: trace to 0.5% disseminated pyrite in the flow selvages. From 55.1 to 55.8 m, dark green chloritic interflow section that is foliated 50 to CA and has 5% Vfg brown pyrrhotite wisps along foliation (55.1-55.45). STRUCTURE: massive with llocal foliation 60 to CA at 79.2 and 50 to CA at 87.2 m. ALTERATION: strong pervasive iron carbonatization imparting beige colouration to the unit. VEINING: Scattered white quartz-calcite veinlets to stringers overall 1% with some local flooded sections see below. Lower contact gradational.	Q620410 Q620411 Q620412 Q620413	54.00 55.10 55.40 55.80	55.10 55.40 55.80 56.50	1.10 0.30 0.40 0.70	0.003 0.006 0.003 0.003	1 1 1 1	0.40 3.58 1.83 0.04	- - - -
<b>Structure Maj.:</b>		<b>Type/Core Angle</b>	<b>Comment</b>							
15.00 - 18.00		F	moderate surface fracturing							
<b>Minor Interval:</b>										
20.50	21.60	QCAV	<i>Quartz-Calcite veining</i> 20% irregular quartz-calcite veining.							
<b>Minor Interval:</b>										
34.70	35.05	QCAV	<i>Quartz-Calcite vein</i> A 1 cm wide quartz-calcite vein 10 to CA overall.							
<b>Minor Interval:</b>										
78.20	78.58	QCAV	<i>Quartz-Calcite vein</i> Greyish white Vfg quartz-calcite vein with 10-12% mafic volcanic material. Contacts 50 to CA.							

Hole Number: **GW16-285**

Project: **WARK 1**

Project Number: **006**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		<b>Minor Interval:</b>								
	81.70	81.80	QCAV	Quartz-Calcite vein						
			35 to CA.							
98.50	124.10	<b>MV</b>	<b>Mafic Volcanic Flows</b>							
Dark grey, Vfg, weakly foliated massive mafic volcanic flow. Local Fg intrusive textured sections. ALTERATION: possible weak to moderate pervasive carbonatization. STRUCTURE: weak foliation variable orientation: 55 to CA at 100.4 m, 30 to CA at 106.5 m, 40 to CA at 114 and 123.3 m. VEINING: 5-7% quartz-calcite stringers to veinlets throughout, irregular and randomly oriented. Nil sulphides. Lower contact gradational.										
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>						
		108.00 - 111.00	BC	moderate fracturing with 0.65 m of core loss.						
		<b>Minor Interval:</b>								
	109.60	109.75	QCAV	Quartz-Calcite vein						
			Bull white Vfg quartz-calcite vein 40 to CA, in a blocky core section so location not exact.							
124.10	227.85	<b>MV</b>	<b>Mafic Volcanic Flows</b>							
Green, Vfg to Fg, massive flows with variolitic flow margins and flow banding sections. The larger flow banded sections are listed below. They consist of light green aphanitic mafic volcanic matrix with 30-40% wispy oval dark green mafic volcanic fragments. Flow banding is typically 45-50 to CA. Variolitic patches commence at 159.5 m downhole and last patch at 213.6 m. They are typically 5 to 30 cm core lengths and consist of 30% light green fine varioles (3 mm diameter). Below 213.6 Fg massive flow. VEINING: upper part to 145 m rare stringers, from 145 to 216.5 m 2-3% quartz-calcite stringers, below 216.5 m scattered veins. Below 217.6 m, local black argillite filled fractures. Lower contact gradational and marked by first argillite angular fragments.										
			Q620414	175.00	176.05	1.05	0.003	28	0.02	-
			Q620416	176.05	176.85	0.80	0.021	18	0.07	-
			Q620417	176.85	178.00	1.15	0.003	98	0.11	-
			Q620418	227.00	227.85	0.85	0.003	86	0.07	-
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>						
		132.00 - 135.00	BC	moderate fracturing and 0.5 m of core loss.						
		<b>Texture Maj.:</b>	<b>Type</b>	<b>Comment</b>						
		133.50 - 139.20	EP	45 to CA						

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Project: **WARK 1**

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
	139.20 - 139.80	FBX weak crackle brecciation dark green chlorite filled microfractures								
	142.85 - 145.05	FB variable 40-60 to CA								
	<b>Minor Interval:</b>									
	176.05	176.85	QCAV	<i>Quartz-Calcite vein</i> White to clear quartz-calcite veining flooded (70%) section.						
	<b>Minor Interval:</b>									
	216.80	216.90	QV	<i>Quartz Vein</i> Clear Vfg quartz vein with 5% mafic shards and 35 to CA						
	<b>Minor Interval:</b>									
	222.50	222.65	ARG	<i>Argillite</i> Black Vfg argillite interflow sediment band with 2% very fine pyrite disseminations. Band has irregular contacts.						
227.85	240.05	<b>MV</b> <b>Mafic Volcanic Flows</b> Dark grey Vfg to aphanitic massive flows with local black Vfg argillite angular fragments and filled fractures. STRUCTURE: massive. ALTERATION: weak pervasive graphite imparting dark grey colouration to unit. Spotty strong to moderate pervasive calcite. VEINING: 3% grey quartz-calcite stringers randomly oriented and local white quartz to quartz-calcite veins (1 cm) with larger one and heavy veining noted below. MINERALIZATION: 2-3% Vfg-Fg finely disseminated pyrite throughout. Lower contact masked by quartz vein flooding.	Q620419	227.85	228.85	1.00	0.003	62	0.32	-
			Q620420	228.85	229.35	0.50	0.012	106	1.96	-
			Q620421	229.35	230.00	0.65	0.003	47	0.11	-
			Q620422	230.00	231.00	1.00	0.003	90	0.57	-
			Q620423	231.00	232.00	1.00	0.003	79	0.27	-
			Q620425	232.00	233.00	1.00	0.003	75	0.16	-
			Q620426	233.00	234.00	1.00	0.003	91	0.27	-
			Q620427	234.00	235.00	1.00	0.008	153	1.06	-
			Q620428	235.00	235.90	0.90	0.003	98	0.57	-
			Q620429	235.90	236.85	0.95	0.003	104	0.23	-
			Q620430	236.85	238.00	1.15	0.006	127	1.26	-
			Q620431	238.00	239.00	1.00	0.003	82	0.25	-
			Q620432	239.00	240.05	1.05	0.003	48	0.41	-
	<b>Mineralization Maj. :</b>									
	228.85 - 229.45	PY DIS 5	Vfg-Fg brassy locally cubic							
	229.45 - 237.50	PY DIS 5	Vfg-Fg brassy disseminations							
	<b>Structure Maj.:</b>									
	237.00 - 239.00	BC	Strong fractured section with local quartz-calcite breccia patches 0.2 m of core loss.							
	<b>Minor Interval:</b>									
	228.70	228.77	QV	<i>Quartz Vein</i> White Vfg quartz vein 20 to CA.						

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
228.85	229.45	QCAV <i>Quartz-Calcite veining</i> 40% random irregular greyish white quartz-calcite stringers in a pyritic argillite rich mafic volcanic section.								
<b>Minor Interval:</b>										
235.90	236.05	QCAV <i>Quartz-Calcite vein</i> Clear to white quartz-calcite vein with 10% green to grey spots. The vein is 30 to CA.								
<b>Minor Interval:</b>										
236.85	237.50	BX <i>Breccia</i> Quartz-calcite breccia consisting of 40-45% white to grey quartz-calcite angular fragments within a graphite rich volcanic matrix. Veining also present.								
<b>Minor Interval:</b>										
239.85	240.05	BX <i>Breccia</i> White Vfg quartz-calcite with 35% angular 2-5 cm size grey volcanic fragments.								
240.05	257.50	<b>MV</b> <i>Mafic Volcanic Flows</i> Green Vfg locally Fg hard, massive mafic volcanic flow. The upper part to 244.3 m, contains 3-4% white quartz-calcite stringers and graphite argillite filled microfractures and two angular blocks of argillite from 244.1 to 244.3 m. Higher concentration 3-4% quartz-calcite stringers also present 249.65 to 251 m. Otherwise 1% stringers throughout. ALTERATION: spotty moderate pervasive calcite. MINERALIZATION: Some pyrrhotite rich sections see below. Lower contact marked by black Vfg graphitic argillite interflow sediment.	Q620433	240.05	241.00	0.95	0.003	15	0.24	-
			Q620434	241.00	242.00	1.00	0.003	13	0.09	-
			Q620435	246.50	247.45	0.95	0.003	11	0.32	-
			Q620436	247.45	247.95	0.50	0.012	1	2.07	-
			Q620438	247.95	249.00	1.05	0.003	14	0.15	-
			Q620439	254.00	255.00	1.00	0.003	5	0.03	-
			Q620440	255.00	255.35	0.35	0.003	1	1.04	-
			Q620441	255.35	256.35	1.00	0.003	1	0.57	-
			Q620442	256.35	256.80	0.45	0.018	1	8.39	-
			Q620443	256.80	257.20	0.40	0.003	1	1.14	-
			Q620444	257.20	257.50	0.30	0.003	1	0.71	-
		<b>Mineralization Maj. :</b>								
		<b>Type/Style/%Mineral</b>	<b>Comment</b>							
247.45 - 247.95		PO DIS 3	Vfg brown pyrrhotite disseminations to local fine wisps in a flow breccia section.							
255.13 - 255.20		PO BL 0.5	brown Vfg blebs in the Fracture							
255.13 - 255.20		PY DIS 2	brassy Fg disseminated to wispy pyrite in a quartz-chlorite filled fracture.							
256.35 - 256.80		PY DIS 2	Fg to locally Mg brassy							
256.35 - 256.80		PO SM 20	5 cm massive band at upper contact then semi-massive fracture fillings grading to disseminations							

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
	256.80 - 257.40	PO DIS 0.5								
	256.80 - 257.40	PY DIS 1								
	257.40 - 257.50	PY DIS 7								
	257.40 - 257.50	PO Mass 20								
257.50	288.25	<b>UM</b> <i>Ultramafic Volcanic Flows</i>	Q620445	257.50	258.50	1.00	0.003	1	1.35	-
		Green, moderately soft, Vfg, massive mesocumulate ultramafic volcanic flows with local spinifex textured sections. The largest spinifex textured section is from 281.2 to 283.8 m. It consists of variable patches of random platy spinifex. It contains 2-3% dark green soft aphanitic serpentine filled fracture cracks. ALTERATION: weak pervasive serpentinization. Nil sulphides. VEINING: local veins see below. STRUCTURE: weak random fractures.								
		<b>Structure Maj.:</b>								
		<b>Type/Core Angle</b>								
	269.45 - 270.85	DSK 80								
		Strong serpentine fractures/slips at high angle to CA causing RQD-0 in section.								
		<b>Minor Interval:</b>								
	262.70	265.00	QCV							
			Quartz-Carbonate vein							
			Greyish white diffuse quartz-carbonate stringers (10%).							
		<b>Minor Interval:</b>								
	268.50	268.55	QV							
			Quartz Vein							
			Vfg bull white quartz vein 50 to CA with ragged contacts.							
		<b>Minor Interval:</b>								
	268.85	269.45	QV							
			Quartz Vein							
			White Vfg irregular quartz vein parallel to the CA with local calcite patches and dark green serpentine or ultramafic shards.							

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
		<b>Minor Interval:</b>								
	276.80	277.00	QCAV	<i>Quartz-Calcite vein</i>						
		White Vfg quartz-calcite vein with 25% grey to green angular ultramafic fragments. UC 60 to CA and LC irregular.								
		<b>Minor Interval:</b>								
	287.00	287.15	CAV	<i>Calcite Vein</i>						
		White Vfg calcite vein with 20% clear quartz and 3-5% dark green serpentinized ultramafic shards to small angular fragments, UC 15 to CA and LC 30 to CA.								
288.25	303.50	<b>UM</b>	<b><i>Ultramafic Volcanic Flows</i></b>							
		Dark green to black, Vfg, friable, weakly magnetic, strongly fractured massive mesocumulate komatiitic peridotite. It consists of fine black olivine cumulate grains (85%) in partial contact with each other and surrounded by white aphanitic talc-quartz matrix. STRUCTURE: strongly fractured with poor RQD. Nil sulphides. Lower contact gradational.								
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>						
		290.00 - 290.40	SERP P W							
		290.00 - 290.40	Sil P MS	Bleached greenish white zone of aphanitic silica-serpentine. Some ultramafic angular fragments at the margin.						
		<b>Structure Maj.:</b>	<b>Type/Core Angle</b>	<b>Comment</b>						
		288.25 - 292.00	F	Strongly fractured broken core anastomosing fractures						
		292.00 - 296.50	FLT	friable core and local gouge sections						
		296.50 - 300.00	F	strongly fractured same as above						
		<b>Minor Interval:</b>								
	297.70	297.85	CAV	<i>Calcite Vein</i>						
		Greyish white soft banded calcite-serpentine vein with irregular contacts, banding the result of thin ultramafic strips.								
303.50	324.00	<b>UM</b>	<b><i>Ultramafic Volcanic Flows</i></b>							

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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>		
		Green, Vfg, soft massive meso to adcumulate ultramafic flows. The olivine cumulate are greyish green and serpentinized. STRUCTURE: local fracturing much more competent than above ultramafic units. The lower part 321.75 to 324 m is weakly sheared 60 to CA. ALTERATION: moderate pervasive serpentinization to 313 m then weaker. The unit is cut by irregular greyish white calcite-serpentine stringers to veinlets. Lower contact sharp about 60 to CA but broken core.										
		<b>Minor Interval:</b>										
	306.30	306.50	BX	<i>Calcite-serpentine Breccia</i>								
				light green soft friable aphanitic calcite-serpentine matrix (60-65%) hosting angular grey serpentinized ultramafic fragments (cm size). UC 50 to CA and LC 65 to CA.								
			<b>Minor Interval:</b>									
	306.75	307.10	CAV	<i>Calcite-serpentine Vein</i>								
				Light green soft aphanitic calcite-serpentine vein with 3-5% ultramafic specks. Irregular contacts.								
324.00	340.00	<b>MV</b>	<b><i>Mafic Volcanic Flows</i></b>									
				Dark grey, Vfg to aphanitic, massive mafic volcanic flow. This may be a komatiitic basalt. ALTERATION: moderate pervasive graphite? Imparting the dark grey colouration to the flows. MINERALIZATION: trace to 0.5% brassy Fg cubic pyrite from 329.2 to 336 m. VEINING: 1-2% white quartz-calcite stringers to veinlets randomly oriented and increasing to 5% from 335 to the end of the unit. Some local light green serpentin-calcite veinlets. Lower contact is gradational.	Q620446	333.00	334.00	1.00	0.003	32	0.15	-
					Q620447	334.00	335.00	1.00	0.003	45	0.06	-
			<b>Minor Interval:</b>									
	329.50	329.60	QCAV	<i>Quartz-Calcite vein</i>								
				White Vfg quartz-calcite vein with 50% mafic volcanic fragments. Contacts 70 to CA.								

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<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au (ppm)</i>	<i>As (ppm)</i>	<i>S (%)</i>	<i>Sg</i>
340.00	348.50	<b>MV</b> <b>Mafic Volcanic Flows</b> Bleached light green, massive altered mafic volcanic flow. It has a Fg-Mg intrusive textured core from 342.6 to 345.5. This core consists of 60% white feldspar-quartz phenocrysts interlocked with grey aphanitic serpentine. The upper portion is Vfg to Fg greenish grey serpentinized massive flow with local dark green serpentine filled microfractures to cracks. The lower portion below 345.5 m is bleached aphanitic to VFG massive crackle brecciated mafic flow. There is about 10-12% argillite filled microfractures brecciated the flow. ALTERATION: strong pervasive bleaching and moderate pervasive serpentinization. Nil sulphides. Local white quartz-calcite veinlets. Lower contact sharp 60 to CA.	Q620448	346.50	347.50	1.00	0.003	1	0.02	-
			Q620450	347.50	348.50	1.00	0.003	4	0.02	-
348.50	350.00	<b>ARG</b> <b>Argillite</b> Black Vfg finely laminated argillite. STRUCTURE: laminations variable 70 to 90 CA. Argillite cut by 1-2% white quartz stringers to fracture fillings. MINERALIZATION: 1% Vfg-fg brassy pyrite disseminations and a local lamination at 349.05 m. Lower contact sharp but core broken at contact.	Q620451	348.50	349.25	0.75	0.020	20	1.59	-
			Q620452	349.25	350.00	0.75	0.008	2	0.45	-
350.00	372.85	<b>MV</b> <b>Mafic Volcanic Flows</b> Green Vfg hard massive mafic volcanic flow with local pillow rims ie 359.7 m. ALTERATION: weak pervasive calcite. Nil sulphides. The flows are cut by overall 1% quartz-calcite and calcite stringers to veinlets. STRUCTURE: massive with weak foliation near lower contact. 55 to CA at 372.1 m. Crackle fracturing also near lower contact from 371.4 to 372.85 m. Lower contact sharp 60 to CA.	Q620453	350.00	351.00	1.00	0.003	1	0.21	-
			Q620454	372.00	372.85	0.85	0.003	17	1.62	-
		<b>Alteration Maj:</b>	<b>Type/Style/Intensity</b>	<b>Comment</b>						
		362.75 - 364.10	GRPH P M	dark grey colouration to Flow.						
		<b>Mineralization Maj. :</b>	<b>Type/Style/%Mineral</b>	<b>Comment</b>						
		372.00 - 372.85	PY DIS 0.1	trace						



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<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>As</i> (ppm)	<i>S</i> (%)	<i>Sg</i>
<b>Minor Interval:</b>										
356.90	357.00	ARG <i>Argillite</i> Black Vfg finely laminated argillite (interflow sediment). Laminations and contacts 65 to CA. 3% Vfg brown pyrrhotite oval wisps parallel to laminations.								
<b>Minor Interval:</b>										
364.30	364.55	QV <i>Quartz Vein flooding</i> Section with 40% white Vfg quartz flooding. Two other 10 cm sections at 364.1 and 364.65 m.								
372.85	421.25	<b>ARG</b> <i>Argillite</i> Black Vfg well bedded argillite. The argillite contains greywacke beds with prominent sections as follows; 377.5 to 387 m 50% greywacke and 50% argillite beds and 387- 401 m well bedded argillite with 20-25% light grey thin greywacke beds (0.5-1 cm). STRUCTURE: well bedded, bedding 60 to CA at 373.5 m, 70 to CA at 376.5 m, 50 to CA at 378 m, 40 to CA at 384 m, 60 to CA at 387 m, 45 to CA at 391.5 m, 60 to CA at 393 m, 397.5 m, 70 to CA at 403 m and 65 to CA at 412.5 m. Below 414.4 m, the bedding is strongly folded and contorted to the lower contact. A chevron fold axis at 70 to CA is present at 414.6 m. A broad fold axis at 0 to CA is present at 419.7 m. Lower contact sharp at 80 to CA.	Q620455	372.85	373.50	0.65	0.006	7	2.83	-
			Q620456	373.50	374.50	1.00	0.003	3	1.54	-
			Q620457	374.50	375.35	0.85	0.005	1	3.39	-
			Q620458	375.35	376.50	1.15	0.003	1	0.71	-
			Q620459	376.50	377.50	1.00	0.005	15	0.38	-
			Q620460	393.00	394.00	1.00	0.008	4	0.48	-
			Q620461	394.00	395.00	1.00	0.003	9	0.32	-
			Q620463	395.00	396.00	1.00	0.003	9	0.25	-
			Q620464	396.00	397.00	1.00	0.003	12	0.29	-
			Q620465	397.00	398.00	1.00	0.003	11	0.24	-
			Q620466	398.00	399.00	1.00	0.003	11	0.16	-
			Q620467	399.00	400.00	1.00	0.005	13	0.20	-
			Q620468	400.00	401.00	1.00	0.003	6	0.40	-
			Q620469	401.00	402.00	1.00	0.003	9	0.31	-
			Q620470	402.00	403.00	1.00	0.006	14	0.38	-
			Q620471	403.00	404.00	1.00	0.007	12	0.32	-
			Q620472	404.00	405.00	1.00	0.007	5	0.38	-
			Q620474	416.00	416.65	0.65	0.003	12	0.16	-
			Q620475	416.65	417.75	1.10	0.003	8	0.30	-
<b>Mineralization Maj. :</b>		<b>Type/Style/%Mineral</b>	<b>Comment</b>							
372.85 - 374.50		PY DIS 4	Vfg-Fg brassy pyrite disseminations to thin wispy laminations along bedding							
374.50 - 375.35		PY DIS 5	as above with local Mg-Cg cubic pyrite							
393.00 - 405.00		PY DIS 0.5	Vfg-Fg brassy scattered disseminations to laminations locally 1%.							
420.75 - 421.25		PY DIS 4	Vfg brown pyrrhotite disseminations to wisps							
<b>Minor Interval:</b>										
374.50	374.90	GWKE <i>Greywacke</i>								

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		<b>Minor Interval:</b>	Q620476	417.75	419.00	1.25	0.003	12	0.28	-
	375.35 - 377.50	GWKE <i>Greywacke</i> well bedded greywacke with 15% Vfg black argillite thin beds (3-5 mm wide). Trace pyrite disseminations occasionally concentrated along argillite beds.	Q620477	419.00	420.00	1.00	0.003	6	0.37	-
			Q620478	420.00	420.75	0.75	0.003	3	0.66	-
			Q620479	420.75	421.25	0.50	0.003	1	2.24	-
421.25	445.00	<b>MV</b> <i>Mafic Volcanic Flows</i> Green vfg massive mafic volcanic flows. The upper margin( to 421.9 m) is crackle fractured with 10% argillite filled random fractures. Nil Sulphides. The flows are cut by scattered white quartz to quartz-calcite stringers to veinlets (some higher concentrations see below) and lesser grey calcite veinlets. Also 2-3% black to dark green chlorite filled microfractures (1-3 mm) often 45 to 65 CA. ALTERATION: local weak to moderate pervasive calcite.	Q620480	421.25	422.25	1.00	0.003	12	0.51	-
		<b>Alteration Maj:</b> <i>Type/Style/Intensity</i> <i>Comment</i>								
		442.70 - 445.00	SERP P MS							pale green hue maybe start of an ultramafic and 2-3% white Vfg calcite stringers to veinlets.
		<b>Structure Maj.:</b> <i>Type/Core Angle</i> <i>Comment</i>								
		442.25 - 442.40	SHR 55							
		443.00 - 444.50	F							moderate poorer RQD
		444.50 - 445.00	BC							ground by drillers hole terminated.
		<b>Texture Maj:</b> <i>Type</i> <i>Comment</i>								
		442.40 - 442.70	PORPH							20% whitef fine (1-2 mm) feldspar phenocrysts.
		<b>Minor Interval:</b>								
	434.90 - 436.55	QV <i>Quartz Veining</i> 5-7% irregular white quartz stringers to patches.								
		<b>Minor Interval:</b>								
	437.70 - 437.95	QV <i>Quartz Vein</i> Contorted white Vfg quartz veinlet parallel to CA and about 0.5 to 1 cm wide.								

**APPENDIX E GEOCHEMICAL ANALYTICAL CERTIFICATES**





**Date Submitted:** 07-Mar-16  
**Invoice No.:** A16-01853  
**Invoice Date:** 11-Mar-16  
**Your Reference:** WARK

**Gowest Gold Ltd.**  
**115 Jubilee Ave. East**  
**Timmins on**  
**Canada**

**ATTN: Kevin Montgomery**

## CERTIFICATE OF ANALYSIS

59 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT      **A16-01853**

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Notes:

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

Values which exceed the upper limit should be assayed for accurate numbers.

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.**  
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1  
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



## Results

## Activation Laboratories Ltd.

## Report: A16-01853

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Q620254	< 0.2	< 0.5	37	1120	< 1	25	< 2	76	2.30	< 2	< 10	11	< 0.5	< 2	3.06	32	28	4.76	< 10	< 1	0.01	< 10	1.52
Q620255	< 0.2	< 0.5	15	1050	< 1	21	< 2	58	1.89	< 2	< 10	11	< 0.5	< 2	7.69	23	24	3.81	< 10	< 1	< 0.01	< 10	1.21
Q620256	< 0.2	< 0.5	42	1310	< 1	32	< 2	98	2.53	< 2	< 10	11	< 0.5	< 2	2.07	38	34	5.63	< 10	< 1	< 0.01	< 10	1.65
Q620257	< 0.2	< 0.5	49	1210	< 1	27	< 2	84	2.72	23	< 10	13	< 0.5	< 2	4.32	34	29	5.73	10	< 1	0.01	< 10	1.94
Q620258	< 0.2	< 0.5	51	1170	< 1	31	< 2	91	3.00	51	< 10	27	< 0.5	< 2	4.42	41	29	6.28	10	< 1	0.07	< 10	2.17
Q620259	< 0.2	< 0.5	61	1430	< 1	32	< 2	73	2.76	92	< 10	25	< 0.5	< 2	4.54	39	28	6.21	10	< 1	0.06	< 10	2.07
Q620260	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	0.01	< 2	< 10	11	< 0.5	< 2	0.01	< 1	< 1	0.02	< 10	< 1	< 0.01	< 10	< 0.01
Q620261	< 0.2	< 0.5	40	1430	< 1	29	< 2	79	2.79	29	< 10	< 10	< 0.5	< 2	4.93	37	32	6.18	10	< 1	< 0.01	< 10	1.97
Q620262	< 0.2	< 0.5	57	1230	< 1	25	< 2	77	2.55	15	< 10	11	< 0.5	< 2	3.83	32	28	5.80	10	< 1	0.02	< 10	1.76
Q620263	< 0.2	< 0.5	131	902	< 1	20	< 2	54	1.67	837	< 10	39	< 0.5	< 2	3.10	29	20	4.43	< 10	< 1	0.09	< 10	1.09
Q620264	< 0.2	< 0.5	62	1420	< 1	29	< 2	93	3.00	37	< 10	14	< 0.5	< 2	4.45	39	32	6.79	10	< 1	0.03	< 10	2.09

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/mt
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.005
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
Q620206	0.074	0.034	0.26	< 2	4	30	< 0.01	< 1	< 2	< 10	26	< 10	4	15	< 0.005
Q620207	0.075	0.031	0.30	2	3	30	< 0.01	< 1	< 2	< 10	24	< 10	4	16	< 0.005
Q620208	0.033	0.006	0.05	2	< 1	86	< 0.01	< 1	< 2	< 10	4	< 10	4	4	< 0.005
Q620209	0.066	0.022	0.21	< 2	3	61	< 0.01	< 1	< 2	< 10	21	< 10	5	11	< 0.005
Q620210	0.013	< 0.001	0.02	< 2	< 1	< 1	< 0.01	1	< 2	< 10	< 1	< 10	< 1	< 1	< 0.005
Q620211	0.074	0.029	0.41	2	3	25	< 0.01	< 1	< 2	< 10	14	< 10	3	12	0.016
Q620212	0.085	0.045	0.60	3	4	32	< 0.01	< 1	< 2	< 10	24	< 10	3	14	< 0.005
Q620213	0.073	0.043	0.37	4	3	27	< 0.01	3	< 2	< 10	22	< 10	3	11	< 0.005
Q620214	0.075	0.037	0.49	3	4	24	< 0.01	2	< 2	< 10	27	< 10	2	12	< 0.005
Q620215	0.182	0.163	2.40	9	6	79	0.10	< 1	< 2	< 10	80	< 10	13	17	5.29
Q620216	0.090	0.042	0.11	2	4	30	< 0.01	< 1	< 2	< 10	31	< 10	3	13	< 0.005
Q620217	0.086	0.042	0.23	< 2	4	29	< 0.01	< 1	< 2	< 10	27	< 10	3	14	< 0.005
Q620218	0.050	0.018	0.06	4	2	118	< 0.01	< 1	< 2	< 10	9	< 10	4	7	< 0.005
Q620219	0.078	0.039	0.16	2	3	44	< 0.01	< 1	< 2	< 10	23	< 10	3	13	< 0.005
Q620220	0.076	0.042	0.24	< 2	3	29	< 0.01	< 1	< 2	< 10	23	< 10	3	11	< 0.005
Q620221	0.066	0.031	0.47	2	2	29	< 0.01	< 1	< 2	< 10	22	< 10	4	19	< 0.005
Q620222	0.080	0.032	0.31	4	3	37	< 0.01	< 1	< 2	< 10	25	< 10	4	17	< 0.005
Q620223	0.077	0.034	0.04	< 2	3	25	< 0.01	2	< 2	< 10	27	< 10	4	15	< 0.005
Q620224	0.087	0.032	0.21	< 2	3	17	< 0.01	1	< 2	< 10	25	< 10	4	15	< 0.005
Q620225	0.109	0.033	0.15	< 2	3	20	< 0.01	< 1	< 2	< 10	28	< 10	5	16	< 0.005
Q620226	0.102	0.036	0.06	< 2	3	21	< 0.01	< 1	< 2	< 10	26	< 10	5	14	< 0.005
Q620227	0.069	0.032	0.36	2	2	17	< 0.01	3	< 2	< 10	21	< 10	5	14	< 0.005
Q620228	0.075	0.030	0.17	3	3	17	< 0.01	< 1	< 2	< 10	24	< 10	5	13	< 0.005
Q620229	0.074	0.031	1.42	3	2	18	< 0.01	< 1	< 2	< 10	20	< 10	5	18	< 0.005
Q620230	0.075	0.026	0.56	3	2	25	< 0.01	< 1	< 2	< 10	19	< 10	5	15	< 0.005
Q620231	0.115	0.039	0.24	< 2	3	20	< 0.01	< 1	< 2	< 10	26	< 10	5	16	< 0.005
Q620232	0.041	0.046	0.18	< 2	2	17	0.18	< 1	< 2	< 10	29	< 10	7	27	< 0.005
Q620233	0.036	0.045	0.16	2	2	45	0.17	2	< 2	< 10	19	< 10	7	25	< 0.005
Q620234	0.015	< 0.001	0.02	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	< 0.005
Q620235	0.034	0.048	0.17	2	3	53	0.16	< 1	< 2	< 10	27	< 10	7	23	< 0.005
Q620236	0.038	0.048	0.16	3	3	20	0.18	2	< 2	< 10	32	< 10	7	18	< 0.005
Q620237	0.041	0.033	0.30	2	3	5	0.15	< 1	< 2	< 10	27	< 10	6	17	< 0.005
Q620238	0.043	0.028	0.47	< 2	3	10	0.14	< 1	< 2	< 10	29	< 10	5	18	< 0.005
Q620239	0.071	0.034	0.75	< 2	8	8	0.21	< 1	< 2	< 10	80	< 10	7	20	< 0.005
Q620240	0.036	0.038	3.81	7	3	15	0.09	< 1	< 2	< 10	14	< 10	6	25	0.013
Q620241	0.283	0.128	1.30	2	2	63	0.12	< 1	< 2	< 10	38	< 10	12	10	2.14
Q620242	0.041	0.073	4.28	7	3	22	0.07	< 1	< 2	< 10	20	< 10	6	29	0.021
Q620243	0.031	0.091	6.42	6	3	30	0.07	2	< 2	< 10	30	< 10	8	25	0.019
Q620244	0.025	0.052	1.75	< 2	9	14	0.44	3	< 2	< 10	213	< 10	14	8	0.020
Q620245	0.025	0.048	0.42	< 2	7	36	0.51	5	< 2	< 10	183	< 10	9	7	< 0.005
Q620246	0.017	0.019	0.10	< 2	4	52	0.22	1	< 2	< 10	75	< 10	5	3	0.025
Q620247	0.014	0.060	0.65	< 2	11	29	0.49	< 1	< 2	< 10	228	< 10	11	7	0.005
Q620248	0.017	0.064	0.57	3	12	41	0.51	< 1	< 2	< 10	228	< 10	12	7	< 0.005
Q620249	0.021	0.020	0.16	< 2	6	59	0.23	1	< 2	< 10	88	< 10	6	3	0.005
Q620250	0.027	0.052	0.12	2	12	29	0.59	2	< 2	< 10	240	< 10	13	6	< 0.005
Q620251	0.033	0.052	0.23	< 2	11	21	0.47	2	< 2	< 10	209	< 10	12	5	0.016
Q620252	0.019	0.005	0.16	< 2	< 1	36	< 0.01	< 1	< 2	< 10	28	< 10	1	< 1	< 0.005
Q620253	0.024	0.047	0.24	2	11	17	0.35	< 1	< 2	< 10	218	< 10	11	5	< 0.005

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/mt
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.005
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
Q620254	0.023	0.051	0.14	2	5	33	0.45	2	< 2	< 10	151	< 10	9	5	< 0.005
Q620255	0.026	0.038	0.08	2	6	38	0.44	2	< 2	< 10	130	< 10	9	5	< 0.005
Q620256	0.032	0.057	0.26	< 2	6	17	0.49	4	< 2	< 10	192	< 10	9	6	< 0.005
Q620257	0.023	0.045	0.10	< 2	18	31	0.33	2	< 2	< 10	231	< 10	14	6	< 0.005
Q620258	0.016	0.052	0.15	< 2	16	38	0.22	< 1	< 2	< 10	208	17	10	5	< 0.005
Q620259	0.022	0.050	0.52	3	19	44	0.29	2	< 2	< 10	221	25	12	6	0.060
Q620260	0.013	< 0.001	0.02	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1	< 0.005
Q620261	0.023	0.044	0.24	< 2	22	51	0.35	< 1	< 2	< 10	247	< 10	14	6	0.009
Q620262	0.020	0.041	0.24	< 2	14	16	0.33	1	< 2	< 10	226	< 10	12	5	0.005
Q620263	0.016	0.033	0.87	< 2	7	17	0.17	< 1	< 2	< 10	105	20	5	4	0.325
Q620264	0.021	0.049	0.30	3	18	32	0.25	4	< 2	< 10	253	12	11	5	0.010



Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	29.6	1.7	1140	781	12	25	598	671	0.30	405	< 10	305	0.8	1430	0.71	4	7	19.0	< 10	1	0.03	< 10	0.12
GXR-1 Cert	31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50	0.217
GXR-4 Meas	4.7	< 0.5	6850	155	289	36	46	71	2.74	113	< 10	23	1.4	16	0.86	14	61	2.71	10	< 1	1.78	52	1.58
GXR-4 Cert	4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5	1.66
GXR-6 Meas	0.4	< 0.5	72	1060	2	20	94	126	6.90	275	< 10	1040	1.0	2	0.15	14	89	4.77	20	< 1	1.14	11	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OREAS 13b (4-Acid) Meas	0.9		2440		7	2180		52		57						50	365						
OREAS 13b (4-Acid) Cert	0.86		2327.00 00		9.0	2247.00 00		133		57						75	8650.000						
OxD108 Meas																							
OxD108 Cert																							
OxD108 Meas																							
OxD108 Cert																							
SF67 Meas																							
SF67 Cert																							
SF67 Meas																							
SF67 Cert																							
SdAR-M2 (U.S.G.S.) Meas		5.1	239		12	40	778	824				126	4.6	< 2		13	9		< 10	< 1		40	
SdAR-M2 (U.S.G.S.) Cert		5.1	236.0000		13.3	48.8	808	760				990	6.6	1.05		12.4	49.6		17.6	1.44		46.6	
Q620208 Orig	< 0.2	< 0.5	15	586	< 1	9	2	30	0.33	3	< 10	15	< 0.5	< 2	4.83	3	17	0.81	< 10	< 1	0.03	< 10	0.25
Q620208 Dup	< 0.2	< 0.5	15	601	< 1	8	3	31	0.33	4	< 10	16	< 0.5	< 2	4.98	4	19	0.83	< 10	< 1	0.03	< 10	0.25
Q620216 Orig	< 0.2	< 0.5	53	631	< 1	62	3	95	1.92	34	< 10	41	< 0.5	4	1.66	27	35	3.60	< 10	< 1	0.12	12	1.16
Q620216 Dup	< 0.2	< 0.5	51	637	< 1	62	2	96	1.96	33	< 10	40	< 0.5	5	1.68	28	36	3.66	< 10	< 1	0.12	13	1.18
Q620225 Orig																							
Q620225 Dup																							
Q620235 Orig																							
Q620235 Dup																							
Q620250 Orig																							
Q620250 Dup																							
Q620255 Orig																							
Q620255 Split																							
Q620256 Orig	< 0.2	< 0.5	42	1320	< 1	33	< 2	98	2.55	< 2	< 10	10	< 0.5	< 2	2.08	38	34	5.67	< 10	< 1	< 0.01	< 10	1.66
Q620256 Dup	< 0.2	< 0.5	42	1300	< 1	32	< 2	99	2.50	3	< 10	11	< 0.5	< 2	2.06	38	33	5.58	< 10	< 1	< 0.01	< 10	1.63
Q620260 Orig																							
Q620260 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.5	2	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/mt
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.005
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
GXR-1 Meas	0.055	0.037	0.20	85	1	155	< 0.01	5	< 2	25	81	144	25	14	
GXR-1 Cert	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-4 Meas	0.152	0.121	1.82	4	6	77	0.13	3	< 2	< 10	86	20	13	11	
GXR-4 Cert	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186	
GXR-6 Meas	0.098	0.033	0.01	4	21	31		< 1	< 2	< 10	187	< 10	7	15	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 13b (4-Acid) Meas			1.17												
OREAS 13b (4-Acid) Cert			1.2												
OxD108 Meas															0.430
OxD108 Cert															0.414
OxD108 Meas															0.408
OxD108 Cert															0.414
SF67 Meas															0.843
SF67 Cert															0.835
SF67 Meas															0.811
SF67 Cert															0.835
SdAR-M2 (U.S.G.S.) Meas					2	18				< 10	17	< 10	16	5	
SdAR-M2 (U.S.G.S.) Cert					4.1	144				2.53	25.2	2.8	32.7	259	
Q620208 Orig	0.032	0.006	0.05	3	< 1	85	< 0.01	< 1	< 2	< 10	4	< 10	4	4	
Q620208 Dup	0.033	0.006	0.05	2	< 1	86	< 0.01	< 1	< 2	< 10	4	< 10	4	4	
Q620216 Orig	0.090	0.042	0.11	2	4	29	< 0.01	< 1	< 2	< 10	31	< 10	3	13	< 0.005
Q620216 Dup	0.090	0.043	0.11	3	4	30	< 0.01	< 1	< 2	< 10	31	< 10	3	13	< 0.005
Q620225 Orig															< 0.005
Q620225 Dup															< 0.005
Q620235 Orig															< 0.005
Q620235 Dup															< 0.005
Q620250 Orig															< 0.005
Q620250 Dup															< 0.005
Q620255 Orig															< 0.005
Q620255 Split															0.005
Q620256 Orig	0.031	0.057	0.26	2	6	17	0.50	4	< 2	< 10	193	< 10	9	6	
Q620256 Dup	0.032	0.056	0.26	< 2	6	16	0.49	3	< 2	< 10	191	< 10	9	6	
Q620260 Orig															< 0.005
Q620260 Dup															< 0.005
Method Blank															< 0.005
Method Blank															< 0.005
Method Blank															< 0.005
Method Blank															< 0.005
Method Blank	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1	



**Date Submitted:** 14-Mar-16  
**Invoice No.:** A16-02098  
**Invoice Date:** 24-Mar-16  
**Your Reference:** WARK 1

**Gowest Gold Ltd.**  
**115 Jubilee Ave. East**  
**Timmins on**  
**Canada**

**ATTN: Kevin Montgomery**

## CERTIFICATE OF ANALYSIS

70 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Sudbury Au - Fire Assay AA

Code 1E3-Sudbury Aqua Regia ICP(AQUAGEO)

REPORT      **A16-02098**

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Notes:

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

Values which exceed the upper limit should be assayed for accurate numbers.

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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## Results

## Activation Laboratories Ltd.

## Report: A16-02098

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Q620313	< 0.2	< 0.5	49	1940	< 1	30	< 2	68	2.81	43	< 10	23	< 0.5	< 2	9.78	30	31	6.27	< 10	< 1	0.04	< 10	1.75
Q620314	0.2	< 0.5	92	1930	< 1	54	< 2	108	4.12	63	< 10	19	< 0.5	< 2	5.56	50	52	9.35	10	< 1	0.03	< 10	2.37
Q620315	< 0.2	< 0.5	118	1510	< 1	60	< 2	119	3.80	3	< 10	11	< 0.5	< 2	2.25	64	64	8.03	10	< 1	< 0.01	< 10	2.94
Q620316	< 0.2	< 0.5	1	1000	< 1	3	< 2	12	0.54	< 2	459	< 10	1.7	< 2	14.7	4	6	0.70	< 10	< 1	< 0.01	< 10	0.25
Q620317	0.3	< 0.5	77	1400	2	116	4	73	1.59	752	< 10	97	< 0.5	< 2	1.50	29	47	6.76	< 10	< 1	0.08	15	2.57
Q620318	< 0.2	< 0.5	5	1180	< 1	59	< 2	77	3.46	15	41	< 10	< 0.5	< 2	2.94	57	61	6.31	10	< 1	< 0.01	< 10	2.98
Q620319	< 0.2	< 0.5	93	2090	< 1	51	< 2	109	3.77	6	< 10	< 10	< 0.5	< 2	3.98	50	48	8.38	10	< 1	< 0.01	< 10	2.41
Q620320	< 0.2	< 0.5	29	877	1	6	6	190	2.15	3	< 10	94	< 0.5	< 2	0.29	4	3	3.94	< 10	< 1	0.13	40	1.50
Q620321	0.6	3.2	396	636	4	84	31	1620	1.40	< 2	< 10	56	< 0.5	< 2	0.63	40	18	5.56	< 10	< 1	0.17	32	0.97
Q620322	< 0.2	< 0.5	96	2430	< 1	355	< 2	118	3.00	15	< 10	79	< 0.5	< 2	3.83	71	534	6.30	< 10	< 1	0.14	< 10	2.40
Q620323	< 0.2	< 0.5	76	3300	< 1	355	< 2	99	3.80	< 2	< 10	26	< 0.5	< 2	5.48	73	679	8.86	< 10	< 1	0.04	< 10	2.33
Q620324	< 0.2	< 0.5	72	2860	< 1	368	< 2	80	3.79	< 2	< 10	40	< 0.5	< 2	4.56	69	694	7.77	< 10	< 1	0.07	< 10	2.59
Q620325	< 0.2	< 0.5	90	2240	< 1	214	< 2	80	6.94	< 2	< 10	< 10	< 0.5	< 2	1.89	59	276	9.03	< 10	3	< 0.01	< 10	6.48
Q620326	< 0.2	< 0.5	22	202	< 1	17	< 2	10	0.53	< 2	< 10	< 10	< 0.5	< 2	0.38	5	47	0.83	< 10	< 1	< 0.01	< 10	0.41
Q620327	< 0.2	< 0.5	43	1430	< 1	180	< 2	56	4.55	9	< 10	19	< 0.5	< 2	3.30	48	204	5.15	< 10	< 1	0.02	< 10	3.57
Q620328	< 0.2	< 0.5	48	1880	< 1	439	< 2	30	2.36	< 2	< 10	< 10	< 0.5	< 2	14.4	43	1190	4.04	< 10	< 1	< 0.01	< 10	2.26
Q620329	< 0.2	< 0.5	57	2410	< 1	442	< 2	24	2.06	< 2	< 10	< 10	< 0.5	< 2	16.5	48	1070	3.83	< 10	< 1	< 0.01	< 10	1.89
Q620330	< 0.2	< 0.5	48	2460	< 1	562	< 2	37	2.90	2	< 10	< 10	< 0.5	< 2	14.9	65	1430	4.87	< 10	< 1	< 0.01	< 10	3.11
Q620331	< 0.2	< 0.5	45	1340	< 1	702	< 2	28	2.59	5	< 10	< 10	< 0.5	< 2	10.5	53	1480	4.12	< 10	< 1	< 0.01	< 10	5.03
Q620332	< 0.2	< 0.5	60	583	< 1	1040	< 2	31	3.01	8	< 10	< 10	< 0.5	< 2	2.68	69	2130	4.72	< 10	< 1	< 0.01	< 10	7.75
Q620333	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	0.02	< 2	< 10	< 10	< 0.5	< 2	0.01	< 1	2	0.03	< 10	< 1	< 0.01	< 10	< 0.01
Q620334	< 0.2	< 0.5	35	608	< 1	787	3	20	2.17	< 2	< 10	< 10	< 0.5	< 2	5.20	49	1590	3.77	< 10	< 1	< 0.01	< 10	5.98

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
Q620265	0.089	0.045	0.42	3	5	28	0.10	< 1	< 2	< 10	47	< 10	7	32	7	
Q620266	0.093	0.043	0.67	3	5	35	0.13	2	< 2	< 10	44	< 10	9	35	6	
Q620267	0.273	0.157	1.24	3	3	82	0.15	1	< 2	< 10	44	< 10	13	7	1640	
Q620268	0.081	0.044	0.69	3	5	28	0.14	< 1	< 2	< 10	43	< 10	8	33	9	
Q620269	0.080	0.046	0.37	3	5	27	0.12	< 1	< 2	< 10	43	< 10	8	30	6	
Q620270	0.073	0.045	0.33	2	4	21	0.13	1	< 2	< 10	41	< 10	8	28	7	
Q620271	0.082	0.046	0.62	2	4	20	0.14	< 1	< 2	< 10	40	< 10	8	30	10	
Q620272	0.082	0.044	0.40	< 2	4	22	0.08	< 1	< 2	< 10	35	< 10	7	26	11	
Q620273	0.107	0.052	0.44	2	4	25	0.11	< 1	< 2	< 10	39	< 10	8	26	8	
Q620274	0.092	0.043	0.23	2	3	23	0.11	< 1	< 2	< 10	27	< 10	9	30	8	
Q620275	0.097	0.046	0.23	< 2	4	21	0.13	1	< 2	< 10	34	< 10	8	27	10	
Q620276	0.095	0.046	0.56	3	4	22	0.14	< 1	< 2	< 10	32	< 10	9	28	7	
Q620277	0.099	0.061	0.31	< 2	4	23	0.13	2	< 2	< 10	35	< 10	9	23	8	
Q620278	0.090	0.046	0.32	< 2	4	21	0.12	< 1	< 2	< 10	33	< 10	10	29	8	
Q620279	0.090	0.041	1.62	< 2	3	26	0.07	< 1	< 2	< 10	17	< 10	8	29	15	
Q620280	0.095	0.069	0.27	< 2	3	29	0.08	3	< 2	< 10	22	< 10	8	11	7	
Q620281	0.082	0.048	0.30	< 2	4	20	0.14	< 1	< 2	< 10	39	< 10	7	26	8	
Q620282	0.070	0.045	0.43	3	4	22	0.13	< 1	< 2	< 10	36	< 10	7	26	8	
Q620283	0.067	0.053	0.83	3	4	17	0.16	< 1	< 2	< 10	39	< 10	8	29	9	
Q620284	0.057	0.052	0.79	2	4	14	0.15	1	< 2	< 10	36	< 10	7	29	21	
Q620285	0.011	< 0.001	0.02	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	< 5	
Q620286	0.051	0.048	0.42	2	4	12	0.16	1	< 2	< 10	35	< 10	8	26	9	
Q620287	0.044	0.045	0.47	< 2	3	11	0.14	1	< 2	< 10	30	< 10	8	25	8	
Q620288	0.043	0.051	0.49	2	4	9	0.17	< 1	< 2	< 10	34	< 10	9	29	10	
Q620289	0.041	0.053	0.57	3	4	13	0.17	2	< 2	< 10	32	< 10	10	32	11	
Q620290	0.033	0.048	0.56	2	3	11	0.19	2	< 2	< 10	27	< 10	9	32	13	
Q620291	0.032	0.053	0.70	2	3	9	0.25	2	< 2	< 10	28	< 10	12	36	9	
Q620292	0.183	0.198	2.70	11	7	95	0.13	< 1	< 2	< 10	90	< 10	14	18	> 5000	5.13
Q620293	0.037	0.067	0.80	2	3	13	0.20	3	< 2	< 10	27	< 10	11	27	9	
Q620294	0.059	0.057	1.38	3	5	21	0.19	3	< 2	< 10	49	< 10	12	32	9	
Q620295	0.029	0.062	1.23	5	28	46	0.43	3	< 2	< 10	295	< 10	20	13	8	
Q620296	0.030	0.064	0.51	4	31	57	0.45	4	2	< 10	307	< 10	20	12	7	
Q620297	0.033	0.063	0.70	4	33	56	0.49	3	< 2	< 10	316	< 10	23	13	5	
Q620298	0.030	0.066	0.54	3	31	57	0.45	2	< 2	< 10	314	< 10	20	11	6	
Q620299	0.031	0.063	0.44	3	30	62	0.44	5	< 2	< 10	307	< 10	20	11	6	
Q620300	0.038	0.065	0.52	3	29	61	0.48	< 1	< 2	< 10	299	< 10	21	14	6	
Q620301	0.037	0.061	3.40	5	14	56	0.39	7	< 2	< 10	174	< 10	22	27	12	
Q620302	0.034	0.062	4.72	6	8	31	0.43	6	< 2	< 10	120	< 10	27	21	59	
Q620303	0.022	0.028	6.23	5	7	35	0.23	6	< 2	< 10	90	< 10	14	38	22	
Q620304	0.039	0.074	1.47	4	24	43	0.51	6	< 2	< 10	294	< 10	24	19	9	
Q620305	0.015	0.052	0.64	3	12	127	0.29	4	< 2	< 10	144	< 10	15	12	7	
Q620306	0.038	0.065	0.51	3	10	32	0.76	9	< 2	< 10	200	< 10	17	16	5	
Q620307	0.015	0.008	0.25	< 2	1	15	0.10	2	< 2	< 10	26	< 10	2	2	11	
Q620308	0.012	< 0.001	0.02	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	5	
Q620309	0.048	0.072	0.57	3	9	32	0.80	9	< 2	< 10	189	< 10	18	15	6	
Q620310	0.024	0.054	0.62	4	21	109	0.30	3	< 2	< 10	226	12	11	8	184	
Q620311	0.015	0.028	0.17	2	10	107	0.14	4	< 2	< 10	81	< 10	8	5	6	
Q620312	0.023	0.050	0.32	4	29	93	0.38	5	< 2	< 10	277	< 10	14	8	11	

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
Q620313	0.025	0.055	0.22	3	21	317	0.21	< 1	< 2	< 10	160	< 10	15	6	92	
Q620314	0.030	0.049	0.33	4	31	101	0.35	4	< 2	< 10	295	< 10	13	8	30	
Q620315	0.060	0.064	0.33	3	17	16	0.76	9	< 2	< 10	333	< 10	23	16	7	
Q620316	0.018	0.009	0.02	< 2	3	46	0.07	5	< 2	< 10	38	< 10	3	1	12	
Q620317	0.279	0.162	1.23	4	3	80	0.16	1	< 2	< 10	44	< 10	13	7	1740	
Q620318	0.051	0.068	< 0.01	< 2	14	31	0.59	9	< 2	< 10	270	< 10	17	12	8	
Q620319	0.038	0.048	0.22	3	13	29	0.49	3	< 2	< 10	247	< 10	14	9	8	
Q620320	0.042	0.006	0.28	< 2	3	15	0.06	< 1	< 2	< 10	8	< 10	21	62	7	
Q620321	0.032	0.026	2.62	3	3	9	0.15	6	< 2	< 10	11	< 10	63	51	37	
Q620322	0.046	0.010	1.06	5	11	16	0.14	1	< 2	< 10	77	< 10	8	3	9	
Q620323	0.037	0.009	0.79	7	11	27	0.14	< 1	< 2	< 10	112	< 10	6	3	11	
Q620324	0.044	0.010	0.35	7	12	22	0.15	< 1	< 2	< 10	104	< 10	5	3	7	
Q620325	0.013	0.011	0.01	6	6	7	0.15	2	< 2	< 10	76	< 10	3	3	6	
Q620326	0.014	0.002	< 0.01	< 2	2	3	0.02	< 1	< 2	< 10	9	< 10	< 1	< 1	8	
Q620327	0.023	0.005	< 0.01	3	8	12	0.13	< 1	< 2	< 10	62	< 10	3	2	7	
Q620328	0.013	0.007	0.01	8	4	48	0.11	4	< 2	< 10	56	< 10	3	2	8	
Q620329	0.012	0.006	0.02	6	5	61	0.09	3	< 2	< 10	57	< 10	3	1	8	
Q620330	0.012	0.009	< 0.01	8	9	62	0.12	2	< 2	< 10	90	< 10	5	2	9	
Q620331	0.016	0.007	0.03	9	5	49	0.04	2	< 2	< 10	77	< 10	4	< 1	8	
Q620332	0.016	0.008	0.04	12	6	14	0.03	4	< 2	< 10	97	< 10	4	1	7	
Q620333	0.013	< 0.001	0.02	< 2	< 1	1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	5	
Q620334	0.013	0.006	0.22	9	10	27	0.02	< 1	< 2	< 10	79	< 10	3	< 1	< 5	

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	28.0	2.1	1050	788	14	29	584	606	0.73	351	11	516	0.8	1330	0.84	7	7	21.4	< 10	4	0.04	< 10	0.18
GXR-1 Cert	31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50	0.217
GXR-1 Meas	28.7	2.3	1090	814	14	33	599	625	0.73	356	10	523	0.8	1350	0.86	6	6	21.9	< 10	3	0.04	< 10	0.19
GXR-1 Cert	31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50	0.217
GXR-4 Meas	3.7	< 0.5	6770	144	331	38	43	68	2.97	107	< 10	50	1.4	13	0.91	14	60	3.13	10	< 1	1.59	49	1.83
GXR-4 Cert	4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5	1.66
GXR-4 Meas	3.7	< 0.5	6560	144	331	37	43	66	2.91	105	< 10	49	1.4	11	0.90	14	59	3.11	10	< 1	1.59	48	1.81
GXR-4 Cert	4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5	1.66
GXR-6 Meas	0.4	< 0.5	70	1110	1	23	96	124	7.83	253	< 10	990	0.9	< 2	0.16	14	88	5.73	20	< 1	1.07	11	0.45
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	71	1120	1	24	98	126	7.79	257	< 10	1010	0.9	< 2	0.16	14	89	5.80	20	2	1.09	11	0.46
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OxD108 Meas																							
OxD108 Cert																							
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OxK110 Meas																							
OxK110 Cert																							
OxL118 Meas																							
OxL118 Cert																							
Q620274 Orig																							
Q620274 Dup																							
Q620279 Orig	< 0.2	< 0.5	60	589	1	55	19	134	1.51	56	< 10	49	< 0.5	< 2	2.54	27	30	3.10	< 10	< 1	0.16	19	0.65
Q620279 Dup	0.2	< 0.5	59	585	1	53	18	139	1.47	53	< 10	48	< 0.5	< 2	2.52	26	29	3.06	< 10	< 1	0.15	19	0.65
Q620284 Orig																							
Q620284 Dup																							
Q620294 Orig	0.3	< 0.5	89	438	2	57	20	161	2.19	31	< 10	83	< 0.5	< 2	1.88	25	48	4.55	< 10	< 1	0.15	28	1.39
Q620294 Dup	0.3	< 0.5	92	447	2	58	20	162	2.23	32	< 10	85	< 0.5	< 2	1.91	27	49	4.65	< 10	< 1	0.16	29	1.42
Q620309 Orig	0.2	< 0.5	130	1170	< 1	40	< 2	81	2.75	4	< 10	15	< 0.5	< 2	3.90	47	33	6.63	< 10	< 1	< 0.01	< 10	1.69
Q620309 Dup	< 0.2	< 0.5	131	1180	< 1	43	< 2	82	2.77	3	< 10	15	< 0.5	< 2	3.87	47	33	6.73	< 10	< 1	< 0.01	< 10	1.71
Q620314 Orig	0.2	< 0.5	92	1930	< 1	54	< 2	108	4.12	63	< 10	19	< 0.5	< 2	5.56	50	52	9.35	10	< 1	0.03	< 10	2.37
Q620314 Split	< 0.2	< 0.5	93	1910	< 1	57	< 2	110	4.28	61	< 10	20	< 0.5	< 2	4.86	52	54	9.80	10	< 1	0.04	< 10	2.47
Q620319 Orig																							
Q620319 Dup																							
Q620324 Orig	< 0.2	< 0.5	71	2860	< 1	366	< 2	80	3.79	< 2	< 10	40	< 0.5	< 2	4.55	68	697	7.75	< 10	1	0.07	< 10	2.59
Q620324 Dup	< 0.2	< 0.5	72	2870	< 1	369	< 2	80	3.79	3	< 10	39	< 0.5	< 2	4.57	69	692	7.79	< 10	< 1	0.07	< 10	2.60
Q620329 Orig																							
Q620329 Dup																							
Method Blank																							
Method Blank																							



Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank																							
Method Blank																							

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
GXR-1 Meas	0.072	0.041	0.19	79	1	177	< 0.01	9	< 2	25	74	139	23	19		
GXR-1 Cert	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0		
GXR-1 Meas	0.071	0.040	0.19	80	1	178	< 0.01	10	< 2	26	75	141	23	20		
GXR-1 Cert	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0		
GXR-4 Meas	0.119	0.135	1.88	4	7	77	0.14	< 1	3	< 10	86	14	12	9		
GXR-4 Cert	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186		
GXR-4 Meas	0.118	0.126	1.80	3	7	73	0.13	2	2	< 10	83	12	12	9		
GXR-4 Cert	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186		
GXR-6 Meas	0.077	0.037	0.01	5	25	35		< 1	< 2	< 10	187	< 10	7	12		
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110		
GXR-6 Meas	0.077	0.036	0.02	5	25	35		< 1	< 2	< 10	183	< 10	7	12		
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110		
OxD108 Meas																421
OxD108 Cert																414
OxD108 Meas																416
OxD108 Cert																414
OxD108 Meas																420
OxD108 Cert																414
SG66 Meas																1130
SG66 Cert																1090
SG66 Meas																1060
SG66 Cert																1090
SG66 Meas																1060
SG66 Cert																1090
OxK110 Meas																3.63
OxK110 Cert																3.602
OxL118 Meas																5.62
OxL118 Cert																5.828
Q620274 Orig																7
Q620274 Dup																8
Q620279 Orig	0.091	0.041	1.61	2	3	26	0.07	< 1	< 2	< 10	17	< 10	8	30		
Q620279 Dup	0.089	0.040	1.63	< 2	3	26	0.07	< 1	< 2	< 10	17	< 10	8	28		
Q620284 Orig																32
Q620284 Dup																10
Q620294 Orig	0.058	0.056	1.38	3	5	21	0.20	3	< 2	< 10	49	< 10	12	32	10	
Q620294 Dup	0.060	0.058	1.39	3	5	21	0.19	3	< 2	< 10	50	< 10	12	32	8	
Q620309 Orig	0.047	0.072	0.58	3	8	32	0.79	6	< 2	< 10	189	< 10	18	14	7	
Q620309 Dup	0.049	0.072	0.57	4	9	32	0.80	11	2	< 10	190	< 10	18	15	5	
Q620314 Orig	0.030	0.049	0.33	4	31	101	0.35	4	< 2	< 10	295	< 10	13	8	30	
Q620314 Split	0.028	0.048	0.38	5	32	83	0.33	3	< 2	< 10	305	< 10	13	8	26	
Q620319 Orig																7
Q620319 Dup																8
Q620324 Orig	0.044	0.010	0.35	7	12	22	0.15	< 1	< 2	< 10	105	< 10	5	3		
Q620324 Dup	0.044	0.010	0.35	7	11	23	0.15	< 1	< 2	< 10	104	< 10	5	3		
Q620329 Orig																7
Q620329 Dup																8
Method Blank																< 5
Method Blank																< 5

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
Method Blank															< 5	
Method Blank															5	
Method Blank															< 5	
Method Blank															< 5	
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank																< 0.03
Method Blank																< 0.03



**Date Submitted:** 17-Mar-16  
**Invoice No.:** A16-02210-Rev  
**Invoice Date:** 30-Mar-16  
**Your Reference:** WARK 1

**Gowest Gold Ltd.**  
**115 Jubilee Ave. East**  
**Timmins on**  
**Canada**

**ATTN: Kevin Montgomery**

## CERTIFICATE OF ANALYSIS

75 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A16-02210-Rev**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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

Values which exceed the upper limit should be assayed for accurate numbers.

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.**  
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1  
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613  
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## Results

## Activation Laboratories Ltd.

## Report: A16-02210

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Q620383	30	< 0.2	0.5	54	1290	< 1	70	< 2	137	3.07	32	< 10	< 10	< 0.5	< 2	6.71	32	269	6.23	< 10	< 1	< 0.01	< 10
Q620384	6	< 0.2	< 0.5	73	1240	< 1	69	< 2	67	3.13	7	< 10	10	< 0.5	< 2	4.03	36	263	5.16	< 10	< 1	< 0.01	< 10
Q620385	7	< 0.2	< 0.5	79	729	< 1	54	< 2	49	2.26	< 2	< 10	12	< 0.5	< 2	2.04	35	168	4.61	< 10	< 1	< 0.01	< 10
Q620386	< 5	< 0.2	< 0.5	79	792	< 1	59	< 2	51	2.49	< 2	< 10	10	< 0.5	< 2	1.18	37	196	5.18	< 10	< 1	< 0.01	< 10
Q620387	6	< 0.2	< 0.5	68	725	< 1	64	< 2	82	2.28	< 2	< 10	12	< 0.5	< 2	2.35	34	195	4.94	< 10	< 1	< 0.01	< 10
Q620388	5	< 0.2	< 0.5	82	865	< 1	66	< 2	57	2.46	< 2	< 10	< 10	< 0.5	< 2	3.65	43	188	6.28	< 10	< 1	< 0.01	< 10
Q620389	8	< 0.2	< 0.5	53	798	< 1	127	< 2	122	2.43	4	< 10	12	< 0.5	< 2	3.69	39	365	6.94	< 10	< 1	< 0.01	< 10
Q620390	1790	0.3	< 0.5	79	1360	2	120	6	75	1.42	821	< 10	130	< 0.5	< 2	1.36	30	48	6.94	< 10	< 1	0.08	16
Q620391	5	< 0.2	< 0.5	38	756	< 1	64	< 2	73	2.33	< 2	< 10	11	< 0.5	< 2	4.15	25	216	6.60	< 10	< 1	< 0.01	< 10
Q620392	38	0.7	0.9	272	485	< 1	227	17	151	1.03	< 2	< 10	< 10	< 0.5	2	4.83	3	26	29.3	< 10	< 1	< 0.01	< 10
Q620393	6	< 0.2	< 0.5	55	784	< 1	69	< 2	81	2.23	< 2	< 10	11	< 0.5	< 2	3.43	36	214	5.88	< 10	< 1	< 0.01	< 10
Q620394	5	< 0.2	< 0.5	67	985	< 1	61	< 2	61	2.71	< 2	< 10	12	< 0.5	< 2	2.88	37	254	5.69	< 10	< 1	< 0.01	< 10
Q620395	6	< 0.2	< 0.5	76	884	< 1	60	< 2	51	2.28	11	< 10	18	< 0.5	< 2	2.91	38	263	4.51	< 10	< 1	< 0.01	< 10
Q620396	6	< 0.2	< 0.5	53	462	< 1	1110	5	35	2.76	12	< 10	< 10	< 0.5	< 2	0.43	85	2300	5.72	< 10	< 1	< 0.01	< 10
Q620397	5	< 0.2	< 0.5	35	425	< 1	970	5	32	2.67	5	< 10	< 10	< 0.5	< 2	0.29	67	1700	4.89	< 10	< 1	< 0.01	< 10
Q620398	5	< 0.2	< 0.5	35	506	< 1	1070	< 2	28	2.49	6	< 10	< 10	< 0.5	4	1.40	74	1980	4.67	< 10	< 1	< 0.01	< 10
Q620399	6	< 0.2	< 0.5	37	433	< 1	1220	5	27	2.47	3	< 10	< 10	< 0.5	5	0.13	77	2140	4.90	< 10	< 1	< 0.01	< 10
Q620400	5	< 0.2	< 0.5	< 1	< 5	< 1	2	< 2	< 2	0.02	< 2	< 10	12	< 0.5	< 2	0.01	< 1	3	0.06	< 10	< 1	< 0.01	< 10
Q620401	5	< 0.2	0.6	84	1120	< 1	326	< 2	115	1.42	44	22	114	< 0.5	< 2	2.45	65	149	3.93	< 10	< 1	0.25	< 10
Q620402	17	0.4	1.3	455	849	< 1	378	10	606	0.76	26	21	68	< 0.5	< 2	3.56	76	69	5.72	< 10	< 1	0.25	< 10
Q620403	60	1.6	9.2	1660	717	3	389	67	4270	0.62	23	< 10	56	< 0.5	< 2	5.13	103	11	10.7	< 10	< 1	0.19	< 10
Q620404	31	0.6	3.0	451	335	2	52	32	1580	0.76	13	< 10	86	0.8	< 2	1.63	22	11	2.14	< 10	< 1	0.23	12
Q620405	16	0.6	2.6	332	356	3	29	27	1320	0.55	11	< 10	88	< 0.5	< 2	1.39	16	2	1.83	< 10	< 1	0.25	26
Q620406	24	0.7	5.2	401	241	3	60	42	2640	0.41	31	< 10	71	0.5	< 2	1.40	30	10	2.28	< 10	< 1	0.18	40
Q620407	27	1.4	1.0	1560	676	3	139	23	870	0.66	116	< 10	19	< 0.5	< 2	2.71	109	30	5.47	< 10	< 1	0.02	< 10
Q620408	37	0.9	3.1	397	1390	9	503	6	1500	1.54	264	< 10	42	< 0.5	< 2	1.99	100	53	5.88	20	< 1	0.01	< 10
Q620409	6	< 0.2	0.5	44	2100	< 1	44	< 2	237	3.61	17	< 10	124	< 0.5	< 2	3.42	44	23	9.61	10	< 1	0.03	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Q620335	1.99	0.023	0.026	0.11	6	9	19	0.29	3	< 2	< 10	133	< 10	7	3	
Q620336	1.77	0.016	0.021	0.59	5	9	20	0.20	2	< 2	< 10	118	< 10	6	3	
Q620337	1.99	0.031	0.025	0.05	4	9	20	0.35	2	< 2	< 10	135	< 10	7	3	
Q620338	2.05	0.028	0.025	0.05	4	8	20	0.29	< 1	< 2	< 10	125	< 10	7	3	
Q620339	2.13	0.018	0.020	0.80	4	7	21	0.22	< 1	< 2	< 10	113	< 10	6	3	
Q620340	1.79	0.023	0.025	0.14	4	9	20	0.27	4	< 2	< 10	126	< 10	7	3	
Q620341	3.03	0.020	0.021	0.06	3	4	37	0.47	2	< 2	< 10	103	< 10	5	5	
Q620342	2.19	0.326	0.146	1.41	4	3	73	0.15	1	< 2	< 10	44	< 10	14	11	
Q620343	3.23	0.020	0.022	0.08	4	6	39	0.48	1	< 2	< 10	120	< 10	6	5	
Q620344	1.80	0.039	0.021	0.18	< 2	10	20	0.48	4	< 2	< 10	131	< 10	6	5	
Q620345	0.33	0.024	0.007	< 0.01	< 2	2	35	0.09	< 1	< 2	< 10	26	< 10	2	< 1	
Q620346	3.21	0.037	0.068	< 0.01	4	6	131	0.30	< 1	< 2	< 10	115	< 10	7	9	
Q620347	0.84	0.026	0.149	0.18	4	7	46	0.16	1	< 2	< 10	3	< 10	18	12	
Q620348	< 0.01	0.010	0.001	0.02	< 2	< 1	1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	
Q620349	0.69	0.025	0.128	1.01	5	5	46	0.16	< 1	< 2	< 10	3	< 10	15	13	
Q620350	0.77	0.028	0.143	0.61	4	6	48	0.21	< 1	< 2	< 10	3	< 10	21	15	
Q620351	0.85	0.029	0.166	0.36	< 2	5	38	0.22	2	< 2	< 10	3	< 10	25	13	
Q620352	0.61	0.039	0.139	0.31	3	6	52	0.21	2	< 2	< 10	3	< 10	22	12	
Q620353	0.55	0.037	0.126	0.99	3	6	59	0.20	3	< 2	< 10	3	< 10	18	14	
Q620354	1.04	0.034	0.116	0.38	< 2	6	37	0.27	2	< 2	< 10	29	< 10	19	12	
Q620355	2.10	0.032	0.057	0.20	< 2	6	19	0.39	2	< 2	< 10	82	< 10	14	11	
Q620356	1.54	0.033	0.058	1.92	4	7	45	0.37	< 1	< 2	< 10	85	< 10	13	9	
Q620357	1.07	0.021	0.101	0.37	3	14	53	0.38	4	< 2	< 10	192	< 10	13	6	
Q620358	1.07	0.024	0.111	1.32	4	9	37	0.37	< 1	< 2	< 10	135	< 10	14	7	
Q620359	1.09	0.020	0.123	0.93	3	7	43	0.33	4	< 2	< 10	112	< 10	13	7	
Q620360	1.11	0.017	0.115	1.67	3	8	30	0.37	2	< 2	< 10	118	< 10	13	7	
Q620361	1.39	0.019	0.103	4.40	4	6	27	0.35	< 1	< 2	< 10	78	< 10	13	9	
Q620362	0.55	0.011	0.070	11.9	7	3	15	0.23	< 1	< 2	< 10	32	< 10	10	15	
Q620363	3.35	0.022	0.017	0.82	6	7	19	0.19	< 1	< 2	< 10	103	< 10	5	5	
Q620364	3.31	0.034	0.021	0.16	6	15	26	0.25	< 1	< 2	< 10	143	< 10	7	5	
Q620365	1.10	0.017	0.007	0.01	4	6	79	0.08	< 1	< 2	< 10	54	< 10	4	2	
Q620366	4.17	0.032	0.026	0.04	7	24	30	0.21	2	< 2	< 10	157	< 10	7	5	
Q620367	2.08	0.201	0.169	2.42	11	6	85	0.12	< 1	< 2	< 10	84	< 10	14	18	5.09
Q620368	3.05	0.028	0.017	0.09	5	16	46	0.14	< 1	< 2	< 10	133	< 10	7	4	
Q620369	2.98	0.025	0.014	2.36	6	17	106	< 0.01	< 1	< 2	< 10	131	< 10	4	4	
Q620370	3.16	0.037	0.019	0.22	5	20	97	< 0.01	< 1	< 2	< 10	149	< 10	4	3	
Q620371	3.73	0.028	0.019	< 0.01	6	11	20	0.24	< 1	< 2	< 10	114	< 10	5	4	
Q620372	2.71	0.023	0.019	0.51	4	6	24	0.20	< 1	< 2	< 10	83	< 10	5	5	
Q620373	2.91	0.022	0.020	0.28	5	8	24	0.21	< 1	< 2	< 10	91	< 10	5	5	
Q620374	2.84	0.034	0.017	< 0.01	6	8	32	0.24	< 1	< 2	< 10	95	< 10	6	5	
Q620375	< 0.01	0.009	< 0.001	0.02	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	
Q620376	3.34	0.032	0.018	0.34	4	18	31	0.21	< 1	< 2	< 10	155	< 10	8	5	
Q620377	3.17	0.044	0.019	0.03	5	16	35	0.17	< 1	< 2	< 10	162	< 10	7	4	
Q620378	2.57	0.036	0.017	0.96	5	17	53	0.07	1	< 2	< 10	138	< 10	6	5	
Q620379	2.20	0.053	0.017	0.15	5	17	108	0.04	< 1	< 2	< 10	143	< 10	5	3	
Q620380	3.51	0.053	0.019	0.01	6	19	82	0.09	< 1	< 2	< 10	165	< 10	6	3	
Q620381	3.43	0.047	0.019	0.16	5	22	156	0.07	< 1	< 2	< 10	159	< 10	6	5	
Q620382	1.87	0.030	0.011	3.69	7	13	117	0.06	< 1	< 2	< 10	93	< 10	6	6	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Q620383	2.89	0.038	0.018	0.30	8	20	108	0.12	< 1	< 2	< 10	153	< 10	7	4	
Q620384	3.17	0.046	0.017	0.06	4	12	18	0.23	2	< 2	< 10	120	< 10	5	4	
Q620385	1.95	0.076	0.022	0.51	< 2	4	13	0.29	< 1	< 2	< 10	84	< 10	6	6	
Q620386	2.34	0.080	0.023	0.65	3	4	8	0.30	< 1	< 2	< 10	95	< 10	6	7	
Q620387	2.09	0.090	0.021	0.72	4	7	13	0.29	< 1	< 2	< 10	107	< 10	7	7	
Q620388	2.42	0.066	0.019	2.00	4	6	13	0.26	< 1	< 2	< 10	106	< 10	6	8	
Q620389	2.29	0.074	0.020	2.48	6	11	13	0.31	< 1	< 2	< 10	119	< 10	7	8	
Q620390	2.30	0.327	0.148	1.20	4	3	78	0.16	< 1	< 2	< 10	45	< 10	14	10	
Q620391	2.23	0.076	0.019	2.09	5	9	12	0.29	3	< 2	< 10	121	< 10	8	7	
Q620392	0.69	0.012	0.005	7.12	10	3	14	0.04	< 1	< 2	< 10	35	< 10	2	10	
Q620393	2.24	0.082	0.020	2.08	3	9	9	0.29	< 1	< 2	< 10	130	< 10	8	7	
Q620394	2.91	0.071	0.021	0.95	5	8	9	0.28	< 1	< 2	< 10	141	< 10	9	6	
Q620395	2.25	0.082	0.022	0.28	3	6	9	0.30	4	< 2	< 10	138	< 10	9	7	
Q620396	7.06	0.028	0.009	1.51	19	2	6	0.10	2	< 2	< 10	113	< 10	5	2	
Q620397	6.78	0.021	0.006	0.98	13	1	4	0.05	< 1	< 2	< 10	102	< 10	2	2	
Q620398	6.37	0.019	0.008	0.92	16	2	8	0.05	< 1	< 2	< 10	100	< 10	3	1	
Q620399	6.53	0.016	0.007	1.08	17	4	3	0.04	< 1	< 2	< 10	102	< 10	2	1	
Q620400	0.01	0.012	< 0.001	0.02	< 2	< 1	1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	
Q620401	1.21	0.035	0.007	1.48	4	8	3	0.10	< 1	< 2	< 10	31	< 10	8	2	
Q620402	0.50	0.028	0.007	3.37	3	6	5	0.08	1	< 2	< 10	19	< 10	7	6	
Q620403	0.36	0.020	0.038	6.85	4	3	7	0.10	< 1	< 2	< 10	12	< 10	13	16	
Q620404	0.59	0.017	0.009	1.05	< 2	< 1	8	0.03	< 1	< 2	< 10	3	< 10	44	34	
Q620405	0.31	0.014	0.007	1.02	2	< 1	4	0.03	2	< 2	< 10	1	< 10	30	39	
Q620406	0.15	0.030	0.011	1.36	3	2	5	0.06	2	< 2	< 10	3	< 10	49	23	
Q620407	0.31	0.067	0.019	2.68	3	4	9	0.09	1	< 2	< 10	33	< 10	17	18	
Q620408	0.34	0.053	0.035	0.79	3	4	7	0.12	2	< 2	< 10	46	< 10	9	18	
Q620409	2.29	0.048	0.054	0.14	4	19	8	0.60	< 1	< 2	< 10	304	< 10	19	10	



Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		27.5	3.4	1100	777	13	21	610	678	0.30	409	11	314	0.8	1450	0.71	6	7	22.8	< 10	4	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.2	< 0.5	6230	148	279	35	42	66	2.60	107	< 10	59	1.4	11	0.82	13	57	3.06	10	< 1	1.68	48
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.3	< 0.5	66	1030	2	18	93	123	6.71	273	< 10	1060	0.9	< 2	0.14	14	85	5.57	20	< 1	1.09	11
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 13b (4-Acid) Meas		0.7		2350		7	2180		53		57						49	380					
OREAS 13b (4-Acid) Cert		0.86		2327.00		9.0	2247.00		133		57						75	8650.000					
OxD108 Meas	409																						
OxD108 Cert	414																						
OxD108 Meas	412																						
OxD108 Cert	414																						
OxD108 Meas	406																						
OxD108 Cert	414																						
SF67 Meas	824																						
SF67 Cert	835																						
SF67 Meas	834																						
SF67 Cert	835																						
SF67 Meas	811																						
SF67 Cert	835																						
OXN117 Meas																							
OXN117 Cert																							
OxP91 Meas																							
OxP91 Cert																							
Q620337 Orig		< 0.2	< 0.5	79	1540	< 1	169	< 2	81	3.42	< 2	< 10	15	< 0.5	< 2	4.19	56	194	7.02	< 10	< 1	0.03	< 10
Q620337 Dup		< 0.2	< 0.5	88	1560	< 1	170	< 2	85	3.51	< 2	< 10	17	< 0.5	< 2	4.27	57	197	7.14	< 10	< 1	0.03	< 10
Q620344 Orig	5																						
Q620344 Dup	< 5																						
Q620345 Orig		< 0.2	< 0.5	1	604	< 1	19	< 2	13	0.57	< 2	24	< 10	< 0.5	< 2	6.65	8	39	1.27	< 10	< 1	< 0.01	< 10
Q620345 Dup		< 0.2	< 0.5	1	601	< 1	19	< 2	14	0.57	< 2	24	< 10	< 0.5	< 2	6.57	7	38	1.26	< 10	< 1	< 0.01	< 10
Q620354 Orig	< 5																						
Q620354 Dup	< 5																						
Q620364 Orig	< 5																						
Q620364 Dup	< 5																						
Q620379 Orig	5																						
Q620379 Dup	6																						
Q620384 Orig	6																						
Q620384 Split	8																						
Q620385 Orig		< 0.2	< 0.5	75	690	< 1	50	< 2	47	2.13	< 2	< 10	12	< 0.5	< 2	1.94	33	159	4.35	< 10	< 1	< 0.01	< 10
Q620385 Dup		< 0.2	< 0.5	83	768	< 1	58	< 2	51	2.39	< 2	< 10	12	< 0.5	< 2	2.14	37	177	4.87	< 10	< 1	< 0.01	< 10
Q620389 Orig	10																						
Q620389 Dup	6																						
Q620398 Orig		< 0.2	< 0.5	37	510	< 1	1080	< 2	28	2.51	5	< 10	< 10	< 0.5	3	1.42	73	1990	4.73	< 10	< 1	< 0.01	< 10
Q620398 Dup		< 0.2	< 0.5	34	502	< 1	1060	< 2	27	2.46	6	< 10	< 10	< 0.5	4	1.39	75	1970	4.61	< 10	< 1	< 0.01	< 10
Q620399 Orig	5																						
Q620399 Dup	7																						
Q620401 Orig		< 0.2	0.7	84	1120	< 1	325	< 2	114	1.42	44	22	115	< 0.5	< 2	2.44	64	149	3.91	< 10	< 1	0.26	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Q620401 Dup		< 0.2	0.5	84	1120	< 1	327	< 2	116	1.42	43	21	112	< 0.5	< 2	2.46	66	150	3.95	< 10	< 1	0.25	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	5																						
Method Blank	< 5																						
Method Blank	5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank																							
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
GXR-1 Meas	0.12	0.049	0.037	0.20	82	< 1	147	< 0.01	3	< 2	26	80	144	24	13	
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-4 Meas	1.48	0.142	0.114	1.70	4	6	71	0.13	< 1	< 2	< 10	80	18	12	10	
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186	
GXR-6 Meas	0.38	0.091	0.032	0.01	5	21	31		< 1	< 2	< 10	180	< 10	6	14	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 13b (4-Acid) Meas				1.14												
OREAS 13b (4-Acid) Cert				1.2												
OxD108 Meas																
OxD108 Cert																
OxD108 Meas																
OxD108 Cert																
OxD108 Meas																
OxD108 Cert																
SF67 Meas																
SF67 Cert																
SF67 Meas																
SF67 Cert																
SF67 Meas																
SF67 Cert																
OXN117 Meas																7.54
OXN117 Cert																7.679
OxP91 Meas																14.8
OxP91 Cert																14.82
Q620337 Orig	1.98	0.030	0.024	0.05	4	9	19	0.34	3	< 2	< 10	133	< 10	7	3	
Q620337 Dup	2.00	0.033	0.025	0.05	3	9	20	0.36	2	< 2	< 10	137	< 10	8	3	
Q620344 Orig																
Q620344 Dup																
Q620345 Orig	0.33	0.024	0.008	< 0.01	2	2	35	0.09	< 1	< 2	< 10	26	< 10	2	1	
Q620345 Dup	0.33	0.023	0.007	< 0.01	< 2	2	34	0.09	< 1	< 2	< 10	26	< 10	2	< 1	
Q620354 Orig																
Q620354 Dup																
Q620364 Orig																
Q620364 Dup																
Q620379 Orig																
Q620379 Dup																
Q620384 Orig																
Q620384 Split																
Q620385 Orig	1.84	0.071	0.021	0.49	< 2	4	13	0.28	< 1	< 2	< 10	80	< 10	6	6	
Q620385 Dup	2.06	0.081	0.023	0.52	2	5	14	0.30	2	< 2	< 10	88	< 10	6	7	
Q620389 Orig																
Q620389 Dup																
Q620398 Orig	6.44	0.019	0.008	0.94	16	2	8	0.05	3	< 2	< 10	101	< 10	3	1	
Q620398 Dup	6.30	0.019	0.008	0.91	17	2	8	0.05	< 1	< 2	< 10	99	< 10	3	1	
Q620399 Orig																
Q620399 Dup																
Q620401 Orig	1.20	0.035	0.007	1.49	4	8	3	0.11	< 1	< 2	< 10	31	< 10	8	2	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Q620401 Dup	1.21	0.034	0.007	1.48	4	7	3	0.10	< 1	< 2	< 10	31	< 10	7	2	
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																< 0.03
Method Blank																< 0.03



**Date Submitted:** 21-Mar-16  
**Invoice No.:** A16-02338  
**Invoice Date:** 04-Apr-16  
**Your Reference:** WARK 2

**Gowest Gold Ltd.**  
**115 Jubilee Ave. East**  
**Timmins on**  
**Canada**

**ATTN: Kevin Montgomery**

## CERTIFICATE OF ANALYSIS

71 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT      **A16-02338**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Q620458	< 5	< 0.2	< 0.5	39	548	< 1	26	4	86	1.34	< 2	< 10	47	< 0.5	< 2	3.68	17	23	3.22	< 10	< 1	0.14	13
Q620459	5	< 0.2	< 0.5	52	521	< 1	36	4	105	1.83	15	< 10	42	< 0.5	< 2	1.09	25	24	3.90	< 10	< 1	0.16	17
Q620460	8	< 0.2	< 0.5	69	643	< 1	40	8	129	2.14	4	< 10	38	< 0.5	< 2	1.10	25	25	4.30	< 10	< 1	0.12	20
Q620461	< 5	< 0.2	< 0.5	62	568	< 1	42	3	123	2.19	9	< 10	38	< 0.5	< 2	0.49	29	28	4.37	< 10	< 1	0.12	22
Q620462	1880	0.3	< 0.5	76	1250	2	108	3	70	1.31	687	< 10	111	< 0.5	< 2	1.25	28	43	6.20	< 10	< 1	0.08	14
Q620463	< 5	< 0.2	< 0.5	50	611	< 1	36	5	105	2.14	9	< 10	37	< 0.5	< 2	0.91	22	25	4.10	< 10	< 1	0.12	22
Q620464	< 5	< 0.2	< 0.5	66	563	< 1	44	4	116	2.26	12	< 10	39	< 0.5	< 2	0.49	30	28	4.38	< 10	< 1	0.12	23
Q620465	< 5	< 0.2	< 0.5	57	529	< 1	38	3	115	2.17	11	< 10	38	< 0.5	< 2	0.58	26	26	4.08	< 10	< 1	0.12	22
Q620466	< 5	< 0.2	< 0.5	35	518	< 1	29	4	86	2.05	11	< 10	36	< 0.5	< 2	0.67	21	24	3.80	< 10	< 1	0.11	21
Q620467	5	< 0.2	< 0.5	39	497	< 1	31	3	103	2.22	13	< 10	45	< 0.5	< 2	0.37	26	26	3.86	< 10	< 1	0.14	24
Q620468	< 5	< 0.2	< 0.5	64	515	< 1	41	5	126	2.20	6	< 10	41	< 0.5	< 2	0.35	28	27	4.31	< 10	< 1	0.12	23
Q620469	< 5	< 0.2	< 0.5	56	561	< 1	38	6	119	2.24	9	< 10	39	< 0.5	< 2	0.67	26	25	4.26	< 10	< 1	0.12	19
Q620470	6	< 0.2	< 0.5	68	486	< 1	42	8	131	2.14	14	< 10	42	< 0.5	< 2	0.33	31	26	4.06	< 10	< 1	0.13	23
Q620471	7	0.4	< 0.5	62	577	< 1	40	5	108	2.09	12	< 10	39	< 0.5	< 2	0.76	28	24	3.88	< 10	< 1	0.12	22
Q620472	7	0.2	< 0.5	110	494	< 1	50	4	155	2.05	5	< 10	39	< 0.5	4	0.42	30	23	4.14	< 10	< 1	0.12	23
Q620473	< 5	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	0.01	< 2	< 10	13	< 0.5	< 2	< 0.01	< 1	< 1	0.03	< 10	< 1	< 0.01	< 10
Q620474	< 5	< 0.2	< 0.5	36	499	< 1	28	2	103	2.07	12	< 10	63	< 0.5	< 2	0.37	22	25	3.66	< 10	< 1	0.20	20
Q620475	< 5	< 0.2	< 0.5	47	1080	< 1	32	8	96	1.79	8	< 10	48	< 0.5	< 2	4.35	20	19	3.76	< 10	< 1	0.15	12
Q620476	< 5	< 0.2	< 0.5	49	498	< 1	35	3	102	1.79	12	< 10	68	< 0.5	< 2	0.60	25	29	3.61	< 10	< 1	0.18	15
Q620477	< 5	< 0.2	< 0.5	44	527	< 1	31	5	100	1.43	6	< 10	47	< 0.5	< 2	2.03	20	35	3.41	< 10	< 1	0.08	13
Q620478	< 5	< 0.2	< 0.5	55	531	< 1	35	3	106	1.57	3	< 10	78	< 0.5	< 2	1.38	24	34	3.97	< 10	< 1	0.11	11
Q620479	< 5	0.2	< 0.5	37	651	< 1	29	10	133	1.28	< 2	< 10	24	< 0.5	< 2	5.29	16	27	5.50	< 10	< 1	0.02	11
Q620480	< 5	< 0.2	< 0.5	76	1520	< 1	23	< 2	95	2.81	12	< 10	< 10	< 0.5	< 2	4.63	34	16	6.92	10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Q620410	1.51	0.067	0.028	0.40	3	9	15	0.45	3	< 2	< 10	148	< 10	9	5	
Q620411	0.86	0.008	0.012	3.58	5	5	13	0.08	< 1	< 2	< 10	34	< 10	11	23	
Q620412	1.35	< 0.001	0.015	1.83	5	13	12	0.16	< 1	< 2	< 10	110	< 10	6	6	
Q620413	1.40	0.023	0.020	0.04	3	7	15	0.29	2	< 2	< 10	112	< 10	7	4	
Q620414	3.11	0.011	0.016	0.02	7	13	29	0.18	1	< 2	< 10	119	< 10	8	6	
Q620415	2.03	0.297	0.138	1.35	4	3	71	0.14	2	< 2	< 10	42	< 10	13	11	
Q620416	0.78	0.004	0.011	0.07	< 2	4	68	0.06	< 1	< 2	< 10	27	< 10	5	2	
Q620417	2.94	0.016	0.023	0.11	11	11	24	0.17	< 1	< 2	< 10	122	< 10	8	5	
Q620418	3.29	0.055	0.017	0.07	6	18	42	< 0.01	1	< 2	< 10	135	< 10	3	3	
Q620419	2.44	0.049	0.017	0.32	3	17	66	< 0.01	< 1	< 2	< 10	134	< 10	3	3	
Q620420	2.54	0.017	0.009	1.96	4	14	128	< 0.01	< 1	< 2	< 10	121	< 10	4	4	
Q620421	2.85	0.048	0.013	0.11	5	25	109	< 0.01	< 1	< 2	< 10	155	< 10	8	4	
Q620422	2.71	0.050	0.017	0.57	4	15	46	< 0.01	1	< 2	< 10	126	< 10	2	4	
Q620423	2.77	0.068	0.016	0.27	3	13	42	< 0.01	< 1	< 2	< 10	109	< 10	2	4	
Q620424	< 0.01	< 0.001	< 0.001	0.02	< 2	< 1	1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	
Q620425	2.96	0.041	0.017	0.16	4	14	43	< 0.01	2	< 2	< 10	130	< 10	3	4	
Q620426	3.05	0.045	0.019	0.27	4	16	45	< 0.01	< 1	< 2	< 10	119	< 10	3	4	
Q620427	2.50	0.042	0.017	1.06	2	13	52	< 0.01	< 1	< 2	< 10	43	< 10	3	4	
Q620428	2.94	0.024	0.014	0.57	4	13	98	< 0.01	1	< 2	< 10	82	< 10	4	3	
Q620429	3.11	0.110	0.018	0.23	4	17	47	< 0.01	< 1	< 2	< 10	110	< 10	3	5	
Q620430	2.26	0.026	0.012	1.26	5	16	170	< 0.01	1	< 2	< 10	141	< 10	8	4	
Q620431	2.50	0.037	0.020	0.25	5	21	75	< 0.01	< 1	< 2	< 10	160	< 10	6	4	
Q620432	2.15	0.024	0.015	0.41	3	17	126	< 0.01	< 1	< 2	< 10	120	< 10	5	3	
Q620433	2.65	0.022	0.017	0.24	3	18	88	0.01	< 1	< 2	< 10	132	< 10	8	5	
Q620434	3.32	0.024	0.019	0.09	3	22	23	0.03	< 1	< 2	< 10	170	< 10	5	4	
Q620435	3.00	0.049	0.018	0.32	5	22	30	0.26	< 1	< 2	< 10	176	< 10	9	6	
Q620436	2.27	0.033	0.015	2.07	3	16	34	0.20	< 1	< 2	< 10	140	< 10	8	9	
Q620437	1.97	0.196	0.159	2.37	10	6	81	0.11	< 1	< 2	< 10	81	< 10	13	18	5.31
Q620438	2.87	0.078	0.020	0.15	5	17	17	0.31	< 1	< 2	< 10	186	< 10	9	7	
Q620439	2.09	0.057	0.022	0.03	4	5	9	0.28	2	< 2	< 10	115	< 10	10	8	
Q620440	2.40	0.075	0.021	1.04	3	5	6	0.28	2	< 2	< 10	137	< 10	10	9	
Q620441	2.04	0.082	0.021	0.57	2	3	9	0.31	2	< 2	< 10	121	< 10	10	8	
Q620442	1.10	0.084	0.017	8.39	3	4	9	0.25	2	< 2	< 10	100	< 10	7	14	
Q620443	2.36	0.101	0.025	1.14	< 2	4	4	0.36	3	< 2	< 10	165	< 10	11	10	
Q620444	3.90	0.027	0.011	0.71	9	2	3	0.20	< 1	< 2	< 10	102	< 10	9	5	
Q620445	4.01	0.022	0.013	1.35	12	3	3	0.21	< 1	< 2	< 10	113	< 10	9	5	
Q620446	2.03	0.093	0.007	0.15	7	15	9	0.08	3	< 2	< 10	71	< 10	7	2	
Q620447	1.85	0.099	0.009	0.06	4	13	9	0.07	< 1	< 2	< 10	63	< 10	7	1	
Q620448	4.42	0.014	0.009	0.02	4	13	14	0.13	< 1	< 2	< 10	100	< 10	6	3	
Q620449	< 0.01	< 0.001	< 0.001	0.02	< 2	< 1	1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	
Q620450	3.66	0.023	0.008	0.02	< 2	16	12	0.12	< 1	< 2	< 10	100	< 10	7	3	
Q620451	1.93	0.022	0.009	1.59	4	12	6	0.07	3	< 2	< 10	59	< 10	23	22	
Q620452	0.60	0.011	0.006	0.45	< 2	2	8	0.05	< 1	< 2	< 10	6	< 10	47	31	
Q620453	2.14	0.022	0.047	0.21	< 2	17	22	0.53	2	< 2	< 10	221	< 10	20	12	
Q620454	2.91	0.014	0.047	1.62	< 2	19	11	0.53	6	< 2	< 10	248	< 10	19	11	
Q620455	1.00	0.046	0.037	2.83	< 2	3	12	0.14	< 1	< 2	< 10	25	< 10	7	26	
Q620456	0.82	0.056	0.051	1.54	< 2	3	5	0.15	< 1	< 2	< 10	24	< 10	7	23	
Q620457	0.90	0.059	0.040	3.39	3	3	6	0.10	2	< 2	< 10	24	< 10	5	21	



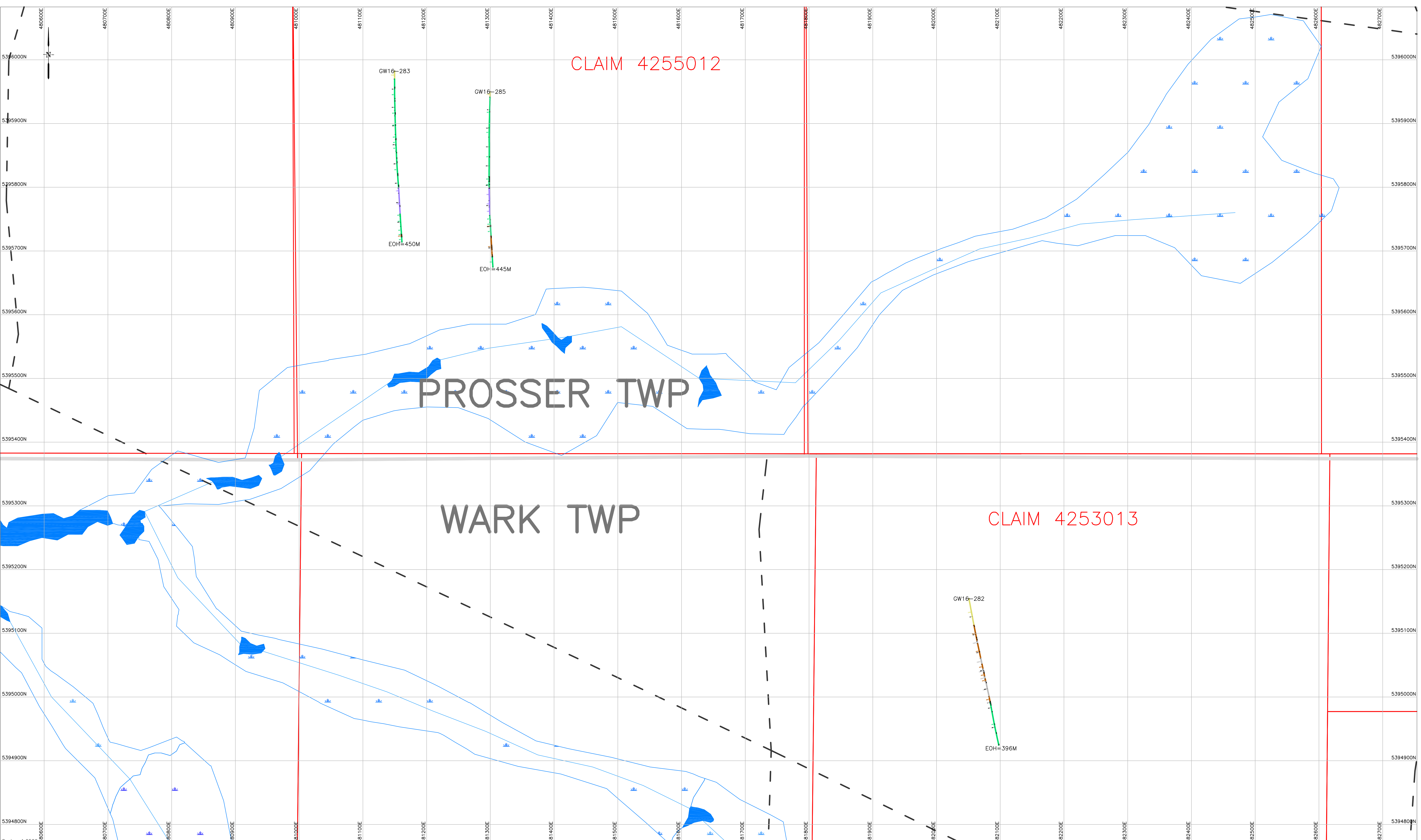
Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Q620458	0.78	0.041	0.040	0.71	2	3	11	0.13	2	< 2	< 10	27	< 10	6	17	
Q620459	0.85	0.024	0.036	0.38	< 2	3	6	0.13	2	< 2	< 10	28	< 10	7	21	
Q620460	0.72	0.111	0.033	0.48	< 2	5	16	0.15	2	< 2	< 10	40	< 10	6	27	
Q620461	0.77	0.106	0.034	0.32	< 2	5	14	0.15	< 1	< 2	< 10	42	< 10	6	27	
Q620462	2.09	0.294	0.136	1.10	3	3	70	0.14	< 1	< 2	< 10	40	< 10	13	9	
Q620463	0.74	0.111	0.035	0.25	< 2	5	16	0.14	< 1	< 2	< 10	39	< 10	6	28	
Q620464	0.78	0.118	0.035	0.29	< 2	5	15	0.14	< 1	< 2	< 10	43	< 10	7	29	
Q620465	0.74	0.109	0.034	0.24	< 2	5	15	0.16	2	< 2	< 10	40	< 10	7	29	
Q620466	0.70	0.104	0.032	0.16	< 2	5	16	0.16	1	< 2	< 10	39	< 10	6	29	
Q620467	0.72	0.137	0.035	0.20	2	5	17	0.17	2	< 2	< 10	42	< 10	7	30	
Q620468	0.74	0.123	0.036	0.40	< 2	5	16	0.15	< 1	< 2	< 10	42	< 10	7	31	
Q620469	0.77	0.121	0.031	0.31	2	5	16	0.15	< 1	< 2	< 10	43	< 10	6	27	
Q620470	0.71	0.127	0.035	0.38	< 2	5	16	0.16	2	< 2	< 10	42	< 10	7	33	
Q620471	0.69	0.122	0.031	0.32	2	5	17	0.14	< 1	< 2	< 10	39	< 10	6	33	
Q620472	0.69	0.109	0.033	0.38	< 2	5	15	0.13	< 1	< 2	< 10	38	< 10	6	30	
Q620473	< 0.01	< 0.001	< 0.001	0.02	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	
Q620474	0.72	0.084	0.038	0.16	< 2	5	12	0.19	< 1	< 2	< 10	33	< 10	8	28	
Q620475	0.69	0.041	0.028	0.30	< 2	4	16	0.14	< 1	< 2	< 10	27	< 10	7	21	
Q620476	0.68	0.064	0.035	0.28	< 2	5	6	0.20	< 1	< 2	< 10	40	< 10	8	27	
Q620477	0.65	0.061	0.032	0.37	< 2	6	7	0.17	2	< 2	< 10	57	< 10	7	23	
Q620478	0.78	0.057	0.034	0.66	< 2	5	6	0.17	< 1	< 2	< 10	49	< 10	7	22	
Q620479	0.98	0.048	0.037	2.24	< 2	7	17	0.13	< 1	< 2	< 10	68	< 10	7	17	
Q620480	2.01	0.016	0.039	0.51	< 2	18	14	0.35	< 1	< 2	< 10	231	< 10	16	8	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		28.6	2.7	1090	730	13	18	576	635	0.29	345	< 10	279	0.7	1380	0.66	4	7	20.7	< 10	2	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.5	< 0.5	6170	135	283	31	40	62	2.36	91	< 10	48	1.3	15	0.73	12	52	2.73	< 10	< 1	1.55	45
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.3	< 0.5	70	988	1	16	89	119	6.42	247	< 10	1020	0.9	< 2	0.13	13	83	5.30	20	< 1	1.05	10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OxD108 Meas	434																						
OxD108 Cert	414																						
OxD108 Meas	436																						
OxD108 Cert	414																						
SF67 Meas	863																						
SF67 Cert	835																						
SF67 Meas	850																						
SF67 Cert	835																						
SF67 Meas	861																						
SF67 Cert	835																						
OXN117 Meas																							
OXN117 Cert																							
OxP91 Meas																							
OxP91 Cert																							
Q620412 Orig		0.8	< 0.5	59	3230	< 1	56	< 2	65	3.56	4	< 10	< 10	< 0.5	< 2	6.17	22	71	12.9	< 10	< 1	0.01	< 10
Q620412 Dup		< 0.2	< 0.5	39	3310	< 1	55	< 2	64	3.64	< 2	< 10	< 10	< 0.5	< 2	6.32	23	72	13.3	< 10	< 1	< 0.01	< 10
Q620419 Orig	< 5																						
Q620419 Dup	< 5																						
Q620420 Orig		0.2	< 0.5	233	1400	< 1	43	2	60	1.81	106	< 10	18	< 0.5	7	9.23	29	37	7.04	< 10	< 1	< 0.01	< 10
Q620420 Dup		0.2	< 0.5	228	1380	< 1	42	2	60	1.78	106	< 10	19	< 0.5	< 2	9.12	29	36	6.91	< 10	< 1	< 0.01	< 10
Q620429 Orig	< 5																						
Q620429 Dup	< 5																						
Q620439 Orig	< 5																						
Q620439 Dup	< 5																						
Q620454 Orig	< 5																						
Q620454 Dup	< 5																						
Q620459 Orig	5																						
Q620459 Split	< 5																						
Q620460 Orig		< 0.2	< 0.5	69	639	< 1	40	8	129	2.13	4	< 10	38	< 0.5	< 2	1.10	26	25	4.26	< 10	< 1	0.12	20
Q620460 Dup		< 0.2	< 0.5	68	646	< 1	40	8	129	2.15	3	< 10	37	< 0.5	< 2	1.11	25	25	4.33	< 10	< 1	0.12	21
Q620464 Orig	< 5																						
Q620464 Dup	< 5																						
Q620473 Orig		< 0.2	< 0.5	1	< 5	< 1	< 1	< 2	< 2	0.01	< 2	< 10	12	< 0.5	< 2	< 0.01	< 1	< 1	0.03	< 10	< 1	< 0.01	< 10
Q620473 Dup		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	0.01	< 2	< 10	14	< 0.5	< 2	< 0.01	< 1	< 1	0.03	< 10	< 1	< 0.01	< 10
Q620474 Orig	< 5																						
Q620474 Dup	< 5																						
Q620476 Orig		< 0.2	< 0.5	49	502	< 1	35	2	102	1.82	12	< 10	70	< 0.5	< 2	0.61	25	29	3.66	< 10	< 1	0.18	15
Q620476 Dup		< 0.2	< 0.5	50	495	< 1	34	3	102	1.76	12	< 10	66	< 0.5	< 2	0.58	25	29	3.57	< 10	< 1	0.17	15
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank																							
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
GXR-1 Meas	0.11	0.040	0.034	0.18	82	< 1	141	< 0.01	6	< 2	26	74	134	22	14	
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-4 Meas	1.35	0.124	0.104	1.57	3	6	66	0.12	2	< 2	< 10	74	17	11	11	
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186	
GXR-6 Meas	0.36	0.067	0.031	0.01	5	20	29		< 1	< 2	< 10	172	< 10	6	15	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110	
OxD108 Meas																
OxD108 Cert																
OxD108 Meas																
OxD108 Cert																
SF67 Meas																
SF67 Cert																
SF67 Meas																
SF67 Cert																
SF67 Meas																
SF67 Cert																
OxN117 Meas																7.54
OxN117 Cert																7.679
OxP91 Meas																15.0
OxP91 Cert																14.82
Q620412 Orig	1.34	0.002	0.015	1.82	4	13	12	0.15	< 1	< 2	< 10	108	< 10	7	6	
Q620412 Dup	1.36	< 0.001	0.015	1.83	6	13	11	0.16	< 1	< 2	< 10	111	< 10	6	5	
Q620419 Orig																
Q620419 Dup																
Q620420 Orig	2.57	0.016	0.009	1.97	4	14	129	< 0.01	2	< 2	< 10	122	< 10	4	4	
Q620420 Dup	2.52	0.017	0.009	1.94	4	14	126	< 0.01	< 1	< 2	< 10	119	< 10	4	4	
Q620429 Orig																
Q620429 Dup																
Q620439 Orig																
Q620439 Dup																
Q620454 Orig																
Q620454 Dup																
Q620459 Orig																
Q620459 Split																
Q620460 Orig	0.72	0.112	0.033	0.47	3	5	16	0.15	1	< 2	< 10	40	< 10	6	26	
Q620460 Dup	0.73	0.111	0.033	0.48	< 2	5	16	0.15	2	< 2	< 10	41	< 10	6	27	
Q620464 Orig																
Q620464 Dup																
Q620473 Orig	< 0.01	< 0.001	< 0.001	0.02	< 2	< 1	1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	
Q620473 Dup	< 0.01	< 0.001	< 0.001	0.02	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	1	
Q620474 Orig																
Q620474 Dup																
Q620476 Orig	0.68	0.067	0.036	0.29	< 2	5	7	0.20	1	< 2	< 10	41	< 10	8	28	
Q620476 Dup	0.67	0.062	0.035	0.28	2	5	6	0.19	< 1	< 2	< 10	40	< 10	7	27	
Method Blank																
Method Blank																
Method Blank																
Method Blank																


Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Method Blank																
Method Blank																
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																< 0.03
Method Blank																< 0.03



Scale 1:2500

Symbols	
	Winter forest roads/trails
	Lakes
	Swamp-Marsh
	Rivers
	Claim Boundary
	DDH Location

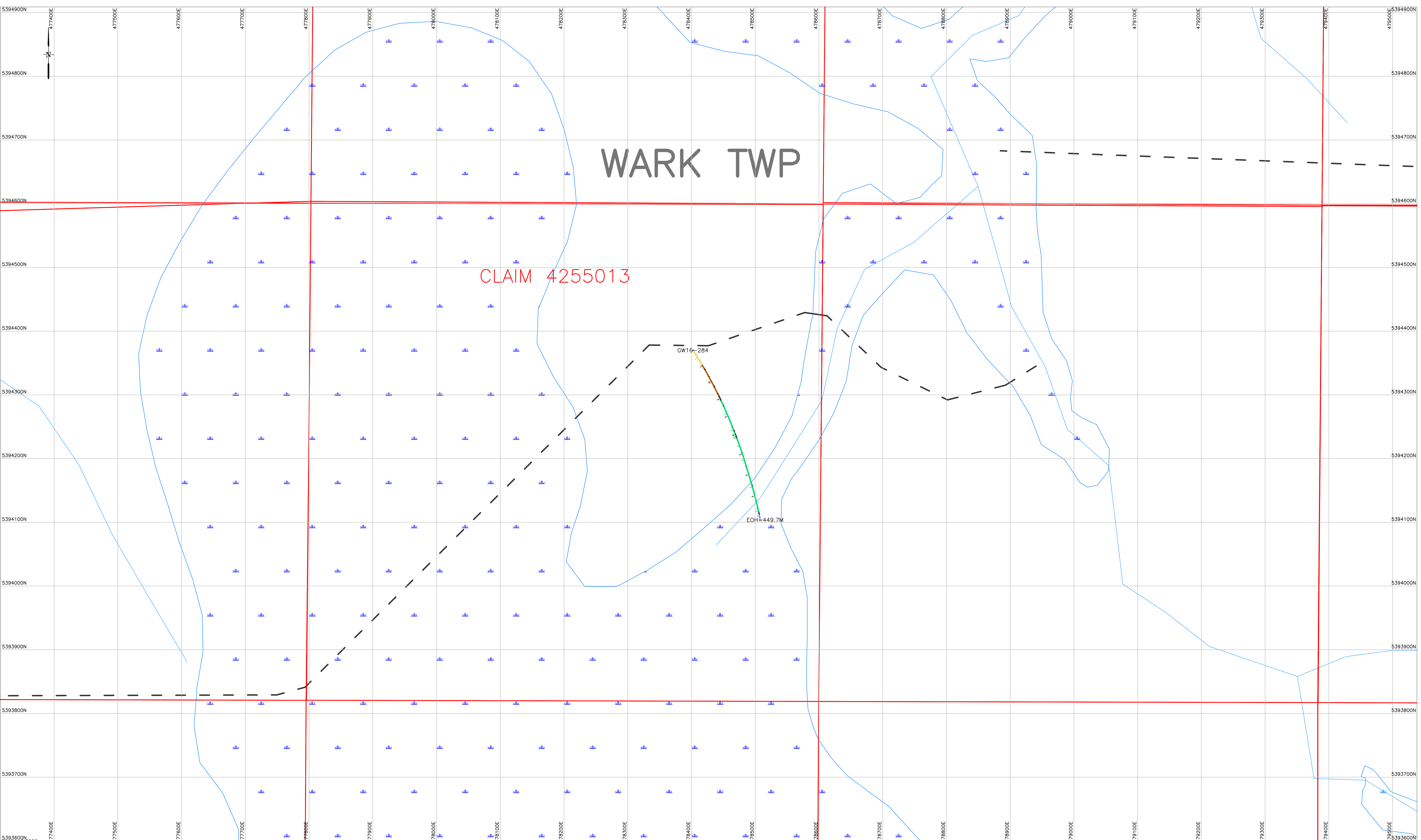
Rock Code	Rock Type	Colour
OV	Overburden	
GWKE	Greywacke	
ARG	Argillite	
UM	Ultramafic Volcanic Flows	
MV	Mafic Volcanic Flows	
S11	Graphitic Argillite	
SED	Sediment Undifferentiated	



Project: WARK 1

DDH Location: GW16-282, 283, 285

Drawn by: LM	Date: 4/22/2016	Looking: PLAN
Approved by:	Date:	Scale: 1:2,500

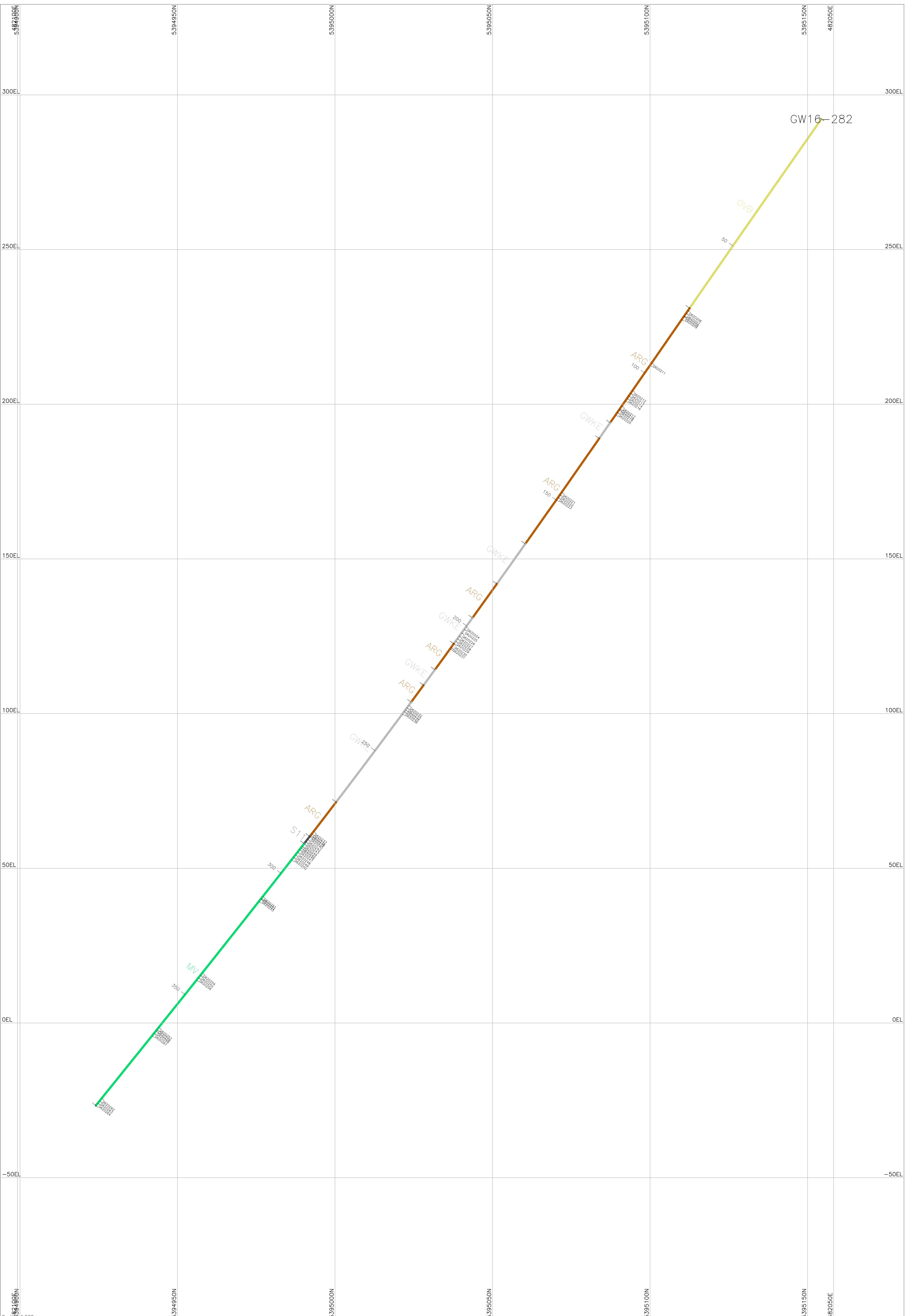


Symbols	
	Winter forest roads/trails
	Lakes
	Swamp-Marsh
	Rivers
	Claim Boundary
	DDH Location

Rock Code	Rock Type	Colour
OVB	Overburden	
GWKE	Greywacke	
ARG	Argillite	
UM	Ultramafic Volcanic Flows	
MV	Mafic Volcanic Flows	
S11	Graphitic Argillite	
SED	Sediment Undifferentiated	

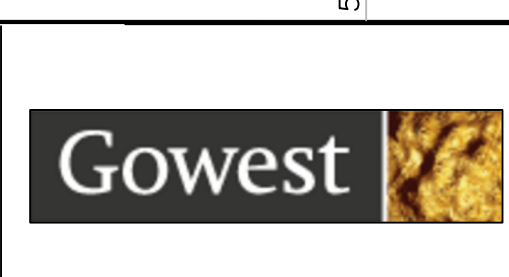


Project: WARK 2		
DDH Location: GW16-284		
Drawn by: LM	Date: 4/22/2016	Looking: PLAN
Approved by:	Date:	Scale: 1:2,500



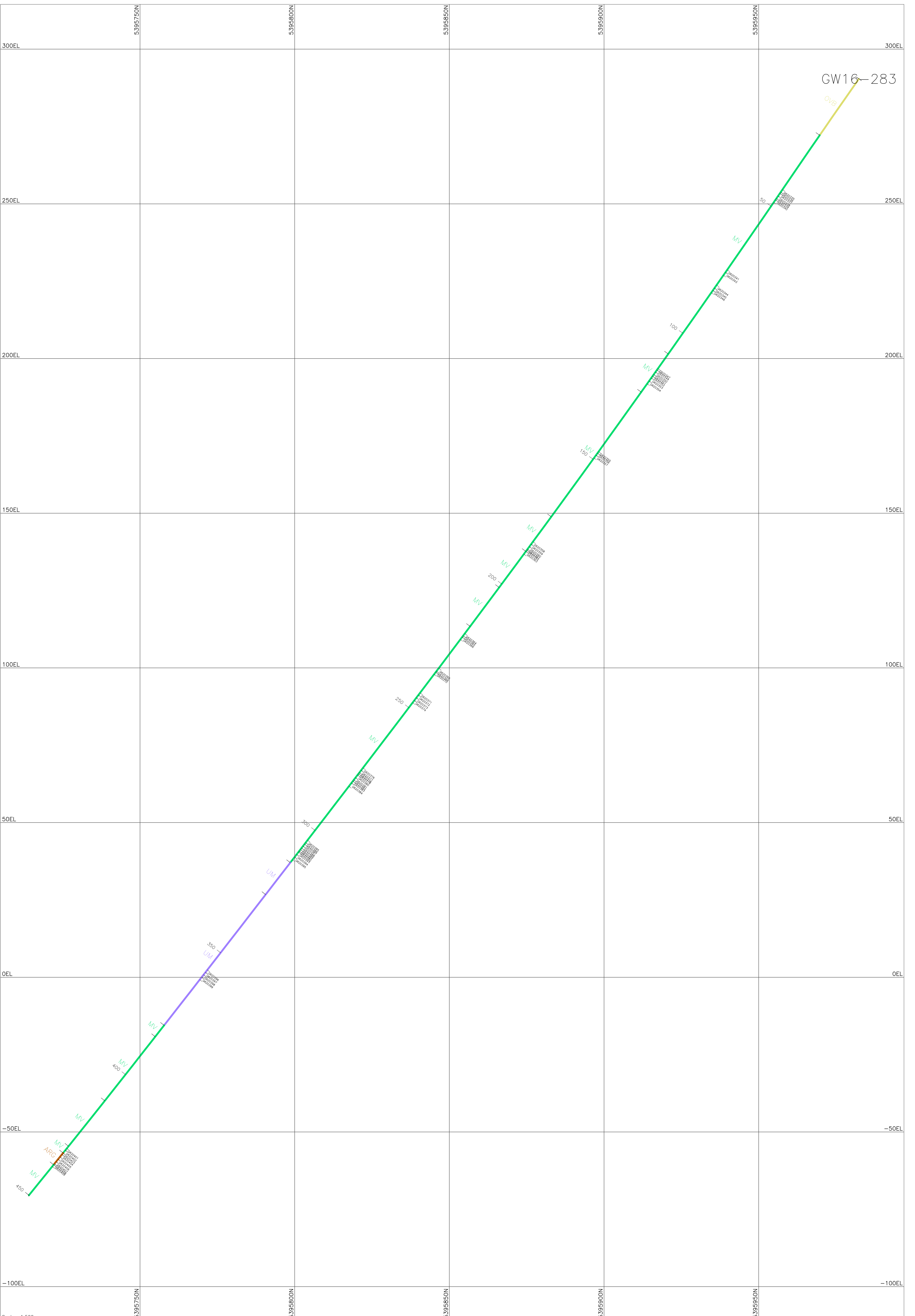
Scale 1:500

Rock Code	Rock Type	Colour
OVB	Overburden	Yellow
GWKE	Greywacke	Grey
ARG	Argillite	Orange
UM	Ultramafic Volcanic Flows	Green
MV	Mafic Volcanic Flows	Purple
S1	Graphitic Argillite	Black
SED	Sediment Undifferentiated	Black



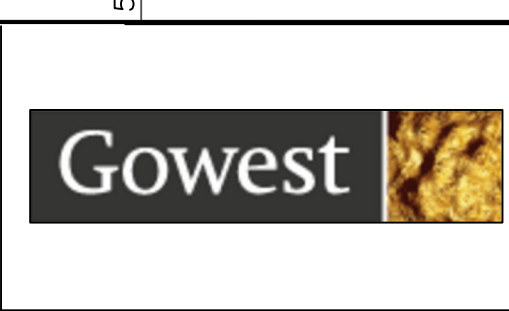
Project: WARK 1 - CLAIM 4253013		
SECTION: GW16-282 - Collar AZ 169.5 deg		
Drawn by: LM	Date: 4/5/2016	Looking: WEST
Approved by:	Date:	Scale: 1:500



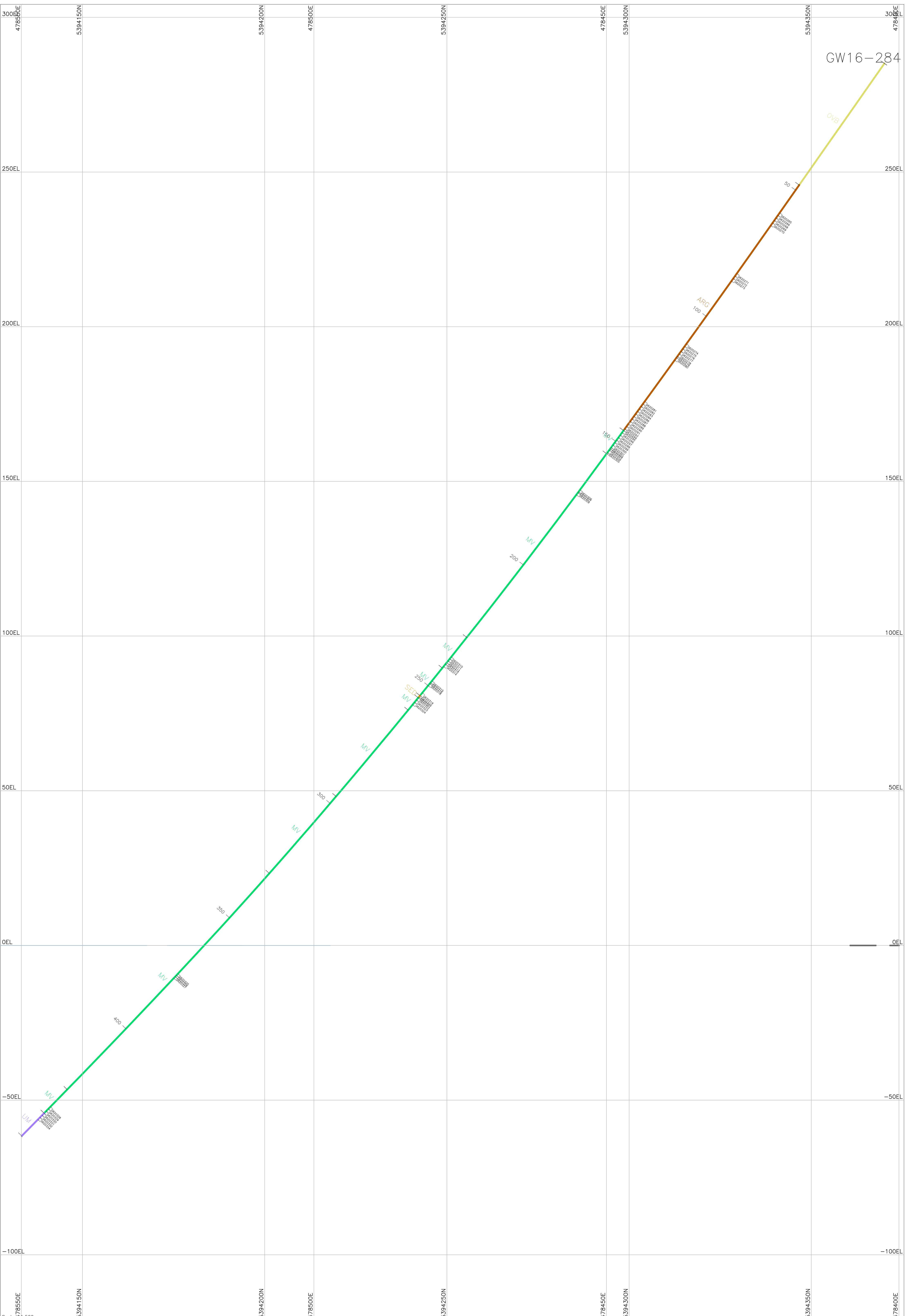


Scale 1:500

Rock Code	Rock Type	Colour
OVB	Overburden	Grey
GWKE	Greywacke	Grey
ARG	Argillite	Grey
UM	Ultramafic Volcanic Flows	Purple
MV	Mafic Volcanic Flows	Green
S11	Graphitic Argillite	Black
SED	Sediment Undifferentiated	Black

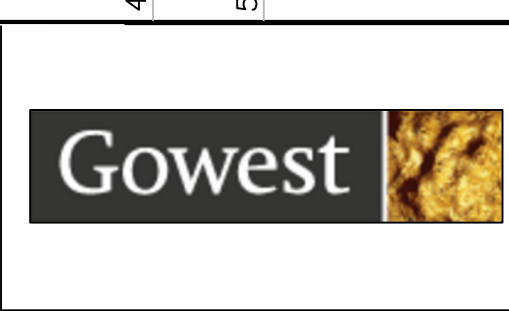


Project: WARK 1 - CLAIM 425012		
SECTION: GW16-283 - Collar AZ 180 deg		
Drawn by: LM	Date: 4/22/2016	Looking: WEST
Approved by:	Date:	Scale: 1:500

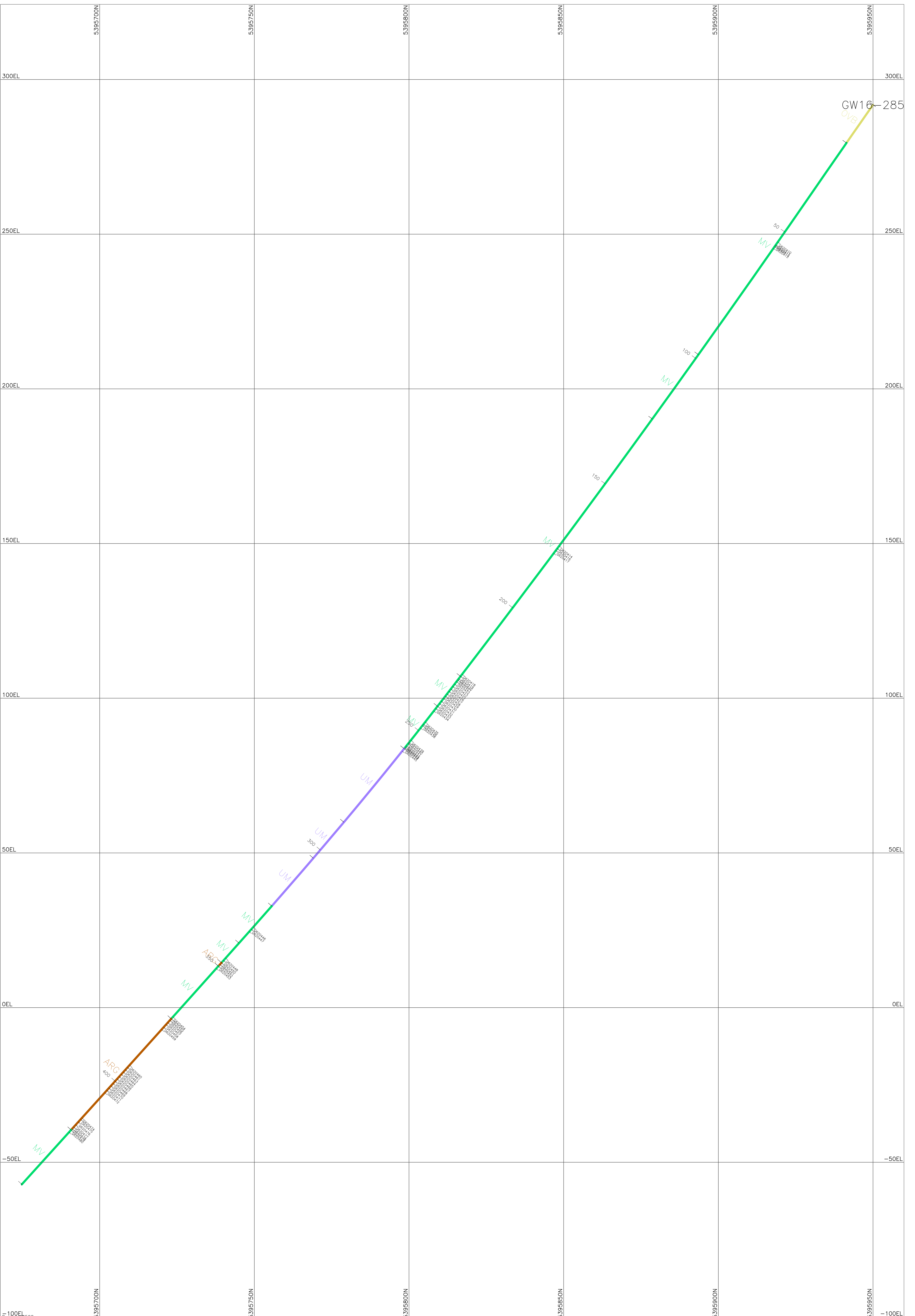


Scale 1:500

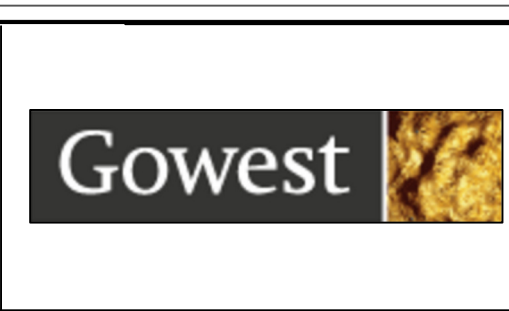
Rock Code	Rock Type	Colour
OVB	Overburden	Yellow
GWKE	Greywacke	Grey
ARG	Argillite	Orange
UM	Ultramafic Volcanic Flows	Purple
MV	Mafic Volcanic Flows	Green
S11	Graphitic Argillite	Black
SED	Sediment Undifferentiated	Brown



Project: WARK 2 - CLAIM 4255013		
SECTION: GW16-284 - Collar AZ 147.1 deg		
Drawn by: LM	Date: 4/22/2016	Looking: WEST
Approved by:	Date:	Scale: 1:500



Rock Code	Rock Type	Colour
OVB	Overburden	Grey
GWKE	Greywacke	Brown
ARG	Argillite	Orange
UM	Ultramafic Volcanic Flows	Purple
MV	Mafic Volcanic Flows	Green
S11	Graphitic Argillite	Yellow
SED	Sediment Undifferentiated	Black



Project: WARK 1 - CLAIM 4255012		
SECTION: GW16-285 - Collar AZ 181 deg		
Drawn by: LM	Date: 4/4/2016	Looking: WEST
Approved by:	Date:	Scale: 1:500

Scale: 1:500