We are committed to providing accessible customer service.
If you need accessible formats or communications supports, please contact us.

Nous tenons à améliorer l'accessibilité des services à la clientèle.
Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez nous contacter.

Ontario

REPORT

of the

2016 GEOTECHNICAL DRILLING PROGRAM

on the

BRADSHAW GOLD DEPOSIT NORTH TIMMINS PROJECT

PORCUPINE MINING DIVISION, NORTHEASTERN ONTARIO

for

GOWEST GOLD LTD.

August 15, 2017 **J Kevin Montgomery, P. Geo.**

SUMMARY

The North Timmins 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.

During the summer of 2016, Gowest Gold Ltd conducted a small geotechnical drilling program on the Bradshaw Gold deposit of the Frankfield Property. Nine holes (GW16-286 to GW16-294) totaling 383 m were drilled from July 18 to 28, 2016. Its objective was to gather rock stability data for the proposed access ramp and crown pillar of the future Bradshaw gold mine. The rock stability results will be incorporated into the underground access and stope development planning for advanced exploration on the Bradshaw Gold deposit in 2017.

Gowest continues to develop the Bradshaw Gold deposit towards mine production.

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

MAPS & SECTIONS (in back pocket)

INTRODUCTION

The Frankfield Property is part of the North Timmins 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 property is held 100% by Gowest Gold Ltd.

This report describes a core drilling program that was carried out on the Bradshaw Gold deposit of the Frankfield Property from July 18 to 28, 2016.

PROPERTY LOCATION AND ACCESS

The North Timmins Project area is located in Evelyn, Tully, Little, Prosser and Wark Townships, approximately 32 km north-northeast of the City of Timmins, Ontario (Figure 1). Surface access to the Frankfield Property, part of the North Timmins Project, is easily 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. This 14 km long all-weather road ends at the former Texmont gold zone pit on the Frankfield Property. In 2016, the Whidden Road was extended on the Frankfield Property to the Bradshaw Portal Outcrop.

The eastern portion of the North Timmins Project area, is easily accessed from Timmins via Highway 101 East and 13 km north of the highway via the all-weather Ice Chest Lake gravel road. The claims straddle the Ice Chest Lake gravel road. A secondary road heading west off the Ice Chest Lake gravel road provides access to the southeast corner of the Tully East Property.

PROPERTY DESCRIPTION

The North Timmins 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 (Figure 2). It consists of 672 claim units covering approximately 10,908 hectares. The Frankfield Propery consists of nine mining leases (54 contiguous mining claim units) in Tully and Prosser Townships totalling 837 hectares. Gowest owns the surface rights to seven of the mining leases. A detailed list of the North Timmins Project claims is found in Appendix B.

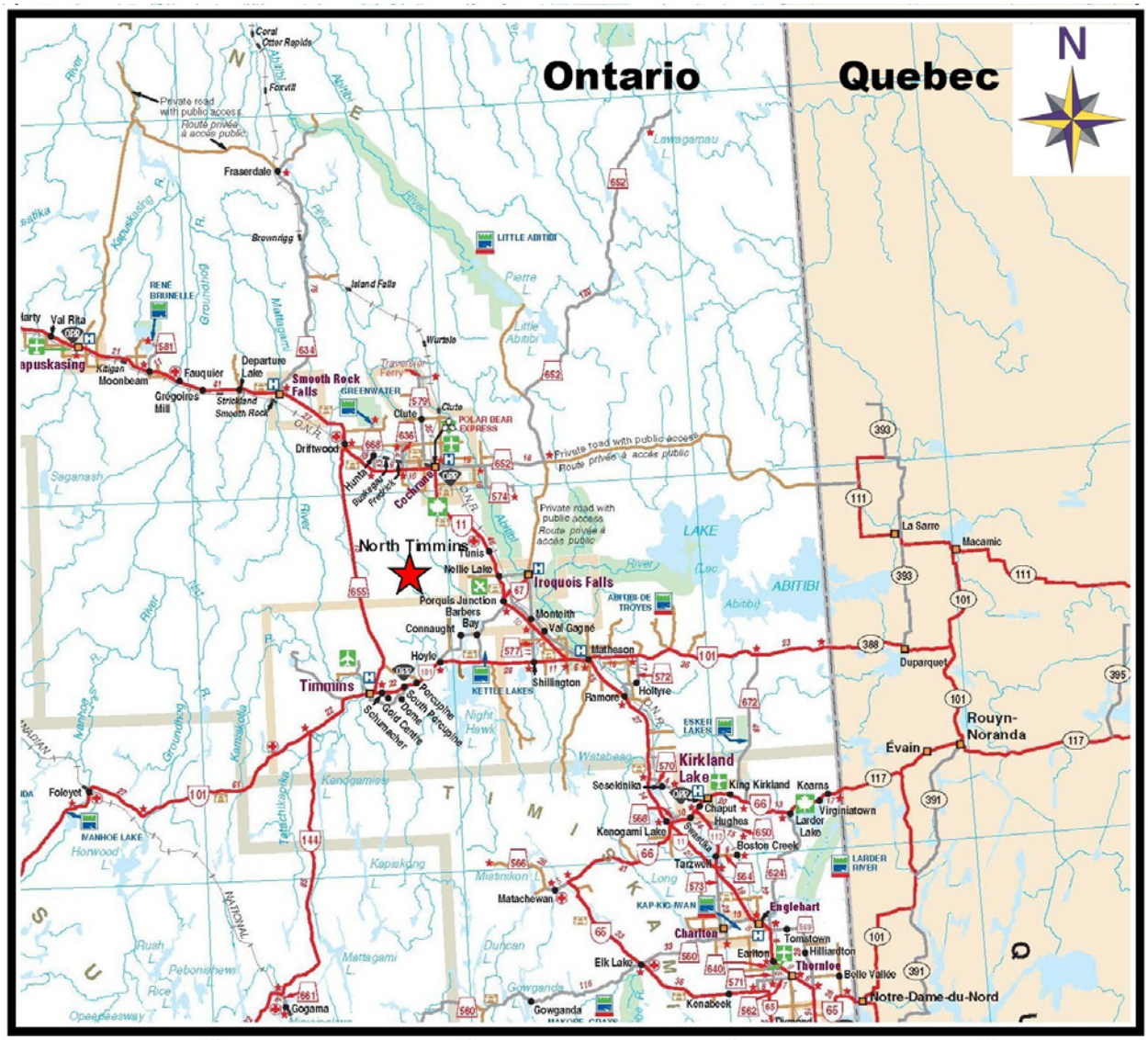


Figure 1 Location Map

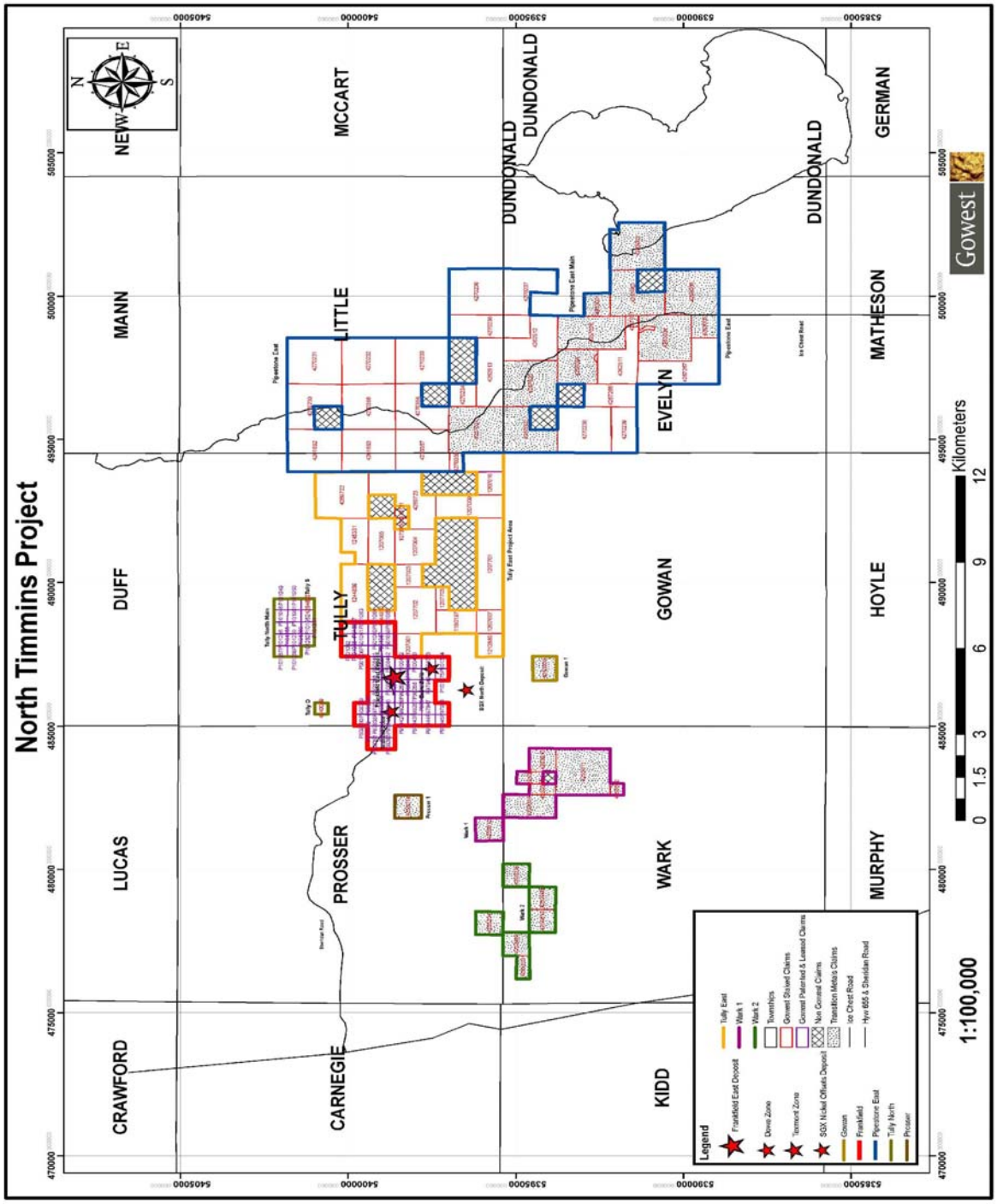


Figure 2 Project Map

PREVIOUS EXPLORATION WORK

Following the discovery of the nearby Kidd Creek Mine in 1964, exploration activity intensified in this and other surrounding townships. In 1964 Texasgulf Sulphur Co. Ltd. completed one diamond drill hole (DDH) in the S1/2 Lot 10, Con 3, Tully Township (current claim 508402) to test an airborne electromagnetic conductor - which proved to be graphite.

In 1965 Patino Mining Corporation held the S1/2 of Lot 11, Con 3, Tully Township and the S1/2 of Lot 1, Con 3, Prosser Township (most of the current Gowest / New Texmont property) and completed MAG and HLEM surveys which were not followed-up. Acme Gas and Oil Ltd. acquired claims in 1968 by staking and completed MAG and VLEM surveys on 4 claims in Lot 10, Con 3, Tully Township (current claims 508399-508402). Acme Gas & Oil Ltd. optioned these claims and the S1/2 Lot 11, Con 3, Tully Township to McIntyre Mines Limited in 1969. This company completed three DDHs collared on current claims 508398 and 508400 in the east central part of S1/2 Lot 10 & 11, Con 3, Tully Township to test magnetic and electromagnetic responses. The DDHs encountered low values of Cu, Zn an Au in diorite and intermediate volcanic rocks. In 1975 Acme Gas and Oil Limited optioned these eight claims in the S1/2 Lot 10 & 11, Con 3, Tully Township to Frankfield Explorations Ltd. ("Frankfield") (current claims 508395 - 508402).

Texasgulf Sulphur Co. Ltd. in 1963 - 64, and Texmont Mines Ltd. in 1968 covered the four Prosser Township claims with MAG and HLEM surveys. In 1969 Texmont Mines Ltd. completed two DDHs in the southeast corner of Lot 1, Con 3, Prosser Township (current claim 508394) to investigate an EM conductive horizon. The causative source was graphite.

In 1974 Frankfield negotiated an option to acquire a 50% interest in the Intex Mining Company Limited property, which adjoins the Acme Gas & Oil Ltd. property already under option. In 1974 Frankfield and partner Canadian Nickel Co. Ltd. made a gold discovery on the Intex property in the vicinity of the common boundary intersections of Lot 10 & 11, Con 2 & 3, Tully Township, now referred to as the Bradshaw gold deposit. Further exploration in 1975 - 76 included 24 DDHs (2,476 m) tracing the mineralization for 183 m of strike length (Bradshaw, 1975, 1980). In 1978 the Acme Gas & Oil claims lapsed.

In 1978 Gold Shield Syndicate staked claims 508391 - 508394 being the S1/2 Lot 1, Con 3, Prosser Township, and claims 508389 and 508390 being the S1/2 of N1/2 Lot 12, Con 3, Tully Township, as well as claims 508395 - 508402 being the S1/2 of Lots 10 and 11,Con 3, Tully Township. These claims cover the northern (down-dip) portion of

the Bradshaw deposit and are the basis for the current Gowest/ New Texmont joint venture agreement.

In 1978 Gold Shield Syndicate completed MAG and VLF-EM surveys on claims 508395 - 508398 (S1/2 of Lot 11, Con 3, Tully Township). The surveys utilized N-S lines 122 m apart. The MAG survey defined a northwest trending fault diagonally across the S1/2 of S1/2 Lot 11, Con 2. Also defined, was a fault on the north flank of a magnetically positive feature interpreted as ultramafic rocks, extending 70° from the southwest corner of S1/2 of Lot 11, Con 3, Tully Township. The VLF-EM survey defined several weak conductive features in the S1/2 of the four claim group. Three conductive horizons interpreted to be graphite and disseminated sulphides were located. The conductors trend 50° in the southwest corner to 70° in the central part and 90° in the southeastern part of the four claim block.

In 1980, Gold Shield Syndicate completed MAG and Crone “Radem” electromagnetic surveys on ten claims (508391 - 508394 in Prosser township; 508389, 508390 in Tully Township and 508399 - 508402 in Tully Township. In Prosser Township the MAG data defines a positive magnetic feature interpreted as ultramafic flows. In the S1/2 Lot 10, Tully Township the magnetic data defines a 60° fabric and a N-S diabase dyke. The Radem electromagnetic survey did not define any noteworthy conductive horizons due to the instruments limited penetration of the extensive clay overburden.

Drilling in 1980 and 1982 occurred at six sites (1,025 m), testing the down dip extension of the Frankfield Zone on the Gold Shield property. In 1983 Romex Resources Inc. earned a 17% interest in the 14 claims staked by the Gold Shield Syndicate, pursuant to a June 26, 1979 agreement.

An option / joint venture agreement was signed on October 21, 1987 between Gowest, Romex Resources Inc. and New Texmont. On March 17, 1989 Gowest purchased Romex Resources Inc. 17% interest in 14 claims P 508389 - P 508402 (situated in Tully and Prosser townships) resulting a 50:50 joint venture between Gowest and New Texmont.

In 1989 New Texmont and Intex Mining Co. Ltd (50% owned by New Texmont) entered into a joint venture agreement with Zenmac Zinc Ltd. (an affiliated corporation) to finance the continued drilling and underground exploration of the Bradshaw deposit occurring on both the Gowest / New Texmont and Intex properties. Drilling by the Intex / Texmont / Zenmac joint venture in 1988-89 amounted to 5,350 m at 20 sites. One DDH (# 89-3) collared on the Gowest / New Texmont property tested the Bradshaw deposit at depth. This DDH returned an assay of 5.45 g/t Au over a core length of 22.65 m at an approximate depth of 488 m vertical.

At the conclusion of this exploration program a “drill indicated” resource of 281,200 tonnes grading 7.19 g/t Au over an average width of 3.0 m to a depth of 76.2 m and a strike length of 450 m was estimated (Pearson, 1989). The same report suggested that the gold mineralization is known over a strike length of 550 m, and a deep drill intersection indicated the potential to significantly increase the dimensions of the deposit below 500 m.

In estimating the “drill indicated” resource, Mr. A.H. Pearson, P. Eng. used data from 62 drill holes (11,107 m) plotted on sections 30.48 m apart extending from 1310.64m E to 1859.28m E, and data plotted on a longitudinal section. The working documents indicate geological continuity of the main mineralized zone over this interval. A lower cut-off of 3.4 g/t Au, with no cutting factor applied to high gold values was used to constrain the assay database. A tonnage factor of 14.5 cubic feet per ton was employed, with no allowance for internal or external dilution.

In 1990 the Gowest / New Texmont joint venture completed DDHs GO90-4 (666.6 m) and GO90- 5 (715.4 m), to test areas approximately 61 m east and west of a previous intersections of 5.45 g/t Au over 22.65 m and 4.79 g/t over 8.07 metres. DDH GO90-4 returned values of 6.30 g/t over 4.9 m and 3.33 g/t over 10.42 m at a vertical at a vertical depth of 518 metres. DDH GO90-5 returned an assay of 2.39 g/t Au over 11.7 m at a vertical depth of approximately 564 metres.

In 1990 Cyprus Gold (Canada) Ltd. acquired an option to earn a 70% interest in the Bradshaw deposit from the Gowest / New Texmont joint venture, and the neighboring Sheridan (formerly known as Texmont) deposit from Intex and Frankfield. The exploration program consisted of core re-logging (15 DDHs) and sampling (209 samples), MAG and HLEM surveys and 3,638 m of diamond drilling at 7 sites (T- 91-1 to T-91-6 and T-91-9). A total of 1,016 split core samples, generally 1.0 – 1.5 m long were analyzed for Au and occasionally As. The object of the drilling was to test the gold mineralization potential of the Bradshaw deposit to a depth of 600 m. Drill hole 91-6 penetrated the Main zone at approximately 600 m and returned a value of 2.37 g/t Au over a core length of 3.0 m, indicating a significant depth potential for the Main zone mineralization. Cyprus concluded that the Bradshaw deposit is approximately 480 m long at the bedrock surface which diminishes with increasing depth along a steep westward plunge to about 200 m strike length at a depth of 300 metres. In 1991 Cyprus dropped the option.

The 2004 Gowest / New Texmont joint venture drilling program consisted of 6,151 m at 23 sites. The drill program was designed to intersect the northerly dipping mineralized horizons at 50 m intervals, both horizontally and vertically, between a depth of 100 and

300 m. Two holes (04-22, 04-25) successfully intersected the target at about a 300 m depth. At the end of this drill program the Main Zone gold mineralization (M1 & M2) was recognized as being 600 m. long, to a drilled depth of 300 m, with indications that the gold mineralization continues to a depth of at least 600 m. The steeply north dipping zone (71°) appeared to have an average width of 3.7 m in the eastern part and 8.3 m, in the western part. Assay results from Quartz Breccia zones (B1 & B2) were beginning to show potentially economic mineralization, but were poorly understood.

In March, 2005 Gowest drilled DDHs 05-26 to 30 (1,980 m) which completed grid drilling of the gold mineralization on 50 m centers to a depth of 300 m from 16+50 E to 18+50 E. In February 2006, Harron reported an independent NI 43-101 compliant inferred mineral resource of 510,000 oz (2.4 million tonnes @ 6.5 g/t Au) estimate on the Bradshaw (formerly known as the Frankfield East) Deposit. During February and March 2006, seven diamond drill holes (GW06-32 to GW06-38) were completed on the east sector of the Bradshaw Deposit, to fill in an unexplored gap near surface. Another six holes (GW08-39 to GW08-44) were drilled in 2008 with a total length of 1,275 m.

Gowest acquired 100% of the Bradshaw deposit in 2008 along with a series of adjacent claims.

Gowest contracted Fugro Airborne Services Corp. (Fugro) to conduct a Dighem V airborne geophysical survey over the Frankfield Main Property in 2009. A total of 438 line kilometres of magnetic and electromagnetic were flown from August 15 to 17, 2009. Gowest also conducted a SGH geochemistry survey on the Frankfield Main Property in 2009.

Gowest commenced drilling on the Frankfield Property in early 2010 and as of December 31, 2016 a total of 240 diamond drill holes (66,780 m) have been drilled on the Property. The drilling has focused on defining the Bradshaw Gold Deposit.

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 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 property is underlain by tholeiitic basalt flows and komatiitic basalt to peridotite flows of the Kidd-Munro assemblage. The tholeiitic basalt flows dominate the northern half of the property and the komatiitic peridotite flows the southern half. Thin (<10 m) units of pyritic graphitic argillite interflow sediments are commonly at or close to the contacts of the komatiitic peridotite flows in the north tholeiitic volcanic sequence. Depositional indicators demonstrate a steeply north dipping and north younging direction for the Kidd-Munro assemblage on the property. The stratigraphy has been deformed by at least two periods of deformation, as is common in the Abitibi Greenstone Belt.

Three gold mineralization areas presently exist on the Frankfield Property: the Bradshaw deposit (see description below), the Sheridan (formerly known as the Texmont) deposit and the Dowe gold zone.

In the northwest part of the property, the Sheridan deposit is hosted in a carbonate, hematite and sericite altered shear zone within a sequence of tholeiitic basalt flows. The shear zone strikes N086°E and dips 75° to the north. Sheridan is a sulphide mineralized zone of 3-5% disseminated pyrite and very fine microscopic arsenopyrite with quartz vein flooding. Intex reported in 1982 that the Sheridan (Texmont) Zone contained 103,400 t averaging 7.54 g/t Au across and average width of 3 m along a strike length of 152 m and to a depth of 75 m. Gowest is not treating this historic mineral resource estimate as a NI 43-101 compliant resource verified by a qualified person and the estimate should not be relied upon. Subsequent drilling by Cyprus Gold (Canada) Limited in 1991 showed that the deposit extended to at least a depth of 360 m. Gowest drilled six diamond drill holes in 2010. The two best intersections obtained were 4.1 g/t Au over a down-hole length of 13.7 m and 4.1 g/t Au over 0.6 m. The Gowest drilling

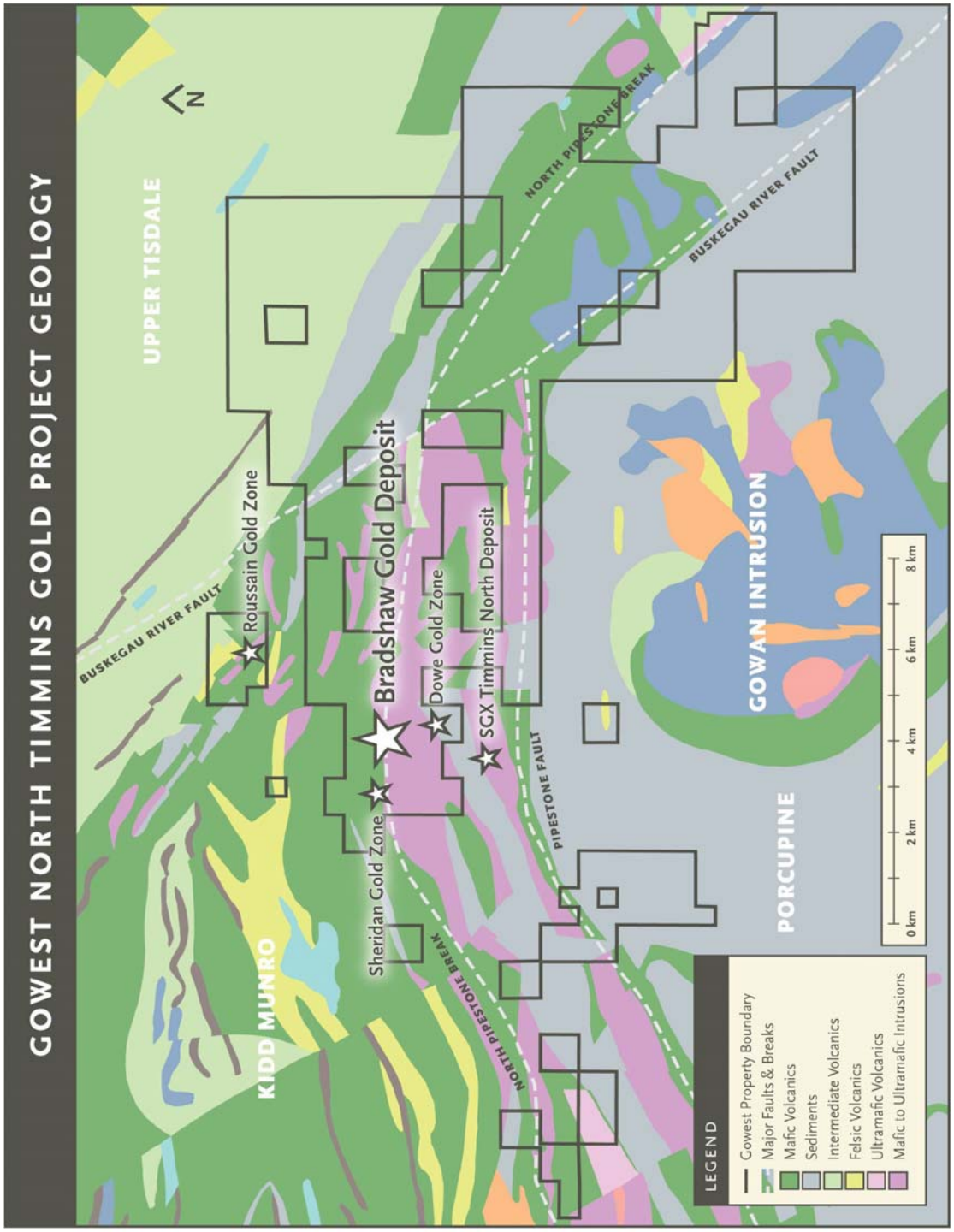


Figure 3 North Timmins Project Geology

has traced the Sheridan zone for 250 m and it is open along strike and at depth below 200 m. Gowest has not prepared a mineral resource estimate for this deposit.

The Dowe gold zone is located in the southeast part of the Frankfield Property. Intersections of 2.86 g/t Au over 3.38 m, 1.8 g/t Au over 12 m and 1.9 g/t Au over 3.4 m have been reported from drilling in 1997-1998. Mineralization is reported to occur in quartz veins within a wedge of mafic volcanic rocks enclosed in ultramafic rocks. The mafic rocks are reported to be ankeritized and slightly silicified. Visible gold has been reported, together with pyrite. No arsenopyrite has been reported. The showing is reported to have a strike length of at least 150 m and has not been closed off.

Bradshaw Gold Deposit

The sulphide enrichment gold deposit model best describes the mineralization of the Bradshaw Gold deposit.

Gold mineralization in the Bradshaw deposit occurs primarily within a fractured, sulphidized and brecciated hydrothermal alteration horizon in basaltic flow rocks at or near the contact with steeply north dipping (85º) footwall ultramafic rocks to the south. This portion of the deposit is identified as the geological Main Zone. The mineralization is not confined to narrow vein-like structures (as can be seen in many other deposits in the area) but rather, in a more massive/tabular structure than is consistently present throughout the mineralized horizon.

Within the geological Main Zone, higher-grade gold mineralization is localized along the footwall of the horizon, termed the MZ1 Zone and along the hanging wall of the horizon, termed the MZ2 Zone. Pervasive silicification, minor ankerite veining, hematite staining along with the presence of tourmaline generate a recognizable mauve to pink hue for the Main Zone. Total sulphide content of the mineralized horizon varies from 3-30% with occasional 2-5 cm wide bands of massive arsenopyrite and pyrite. The largest concentrations of sulphides correspond to the highest gold concentrations.

A second type of gold mineralization is hosted within the basalt flows. This mineralization forms multiple structures parallel to the strike and dip of the Main Zone and are referred to as Hanging Wall Zones as they are located immediately north of the Main Zone. They are seen as highly silicified zones accompanied by intense bleaching, brecciation and quartz flooding, tourmaline, 5-10% pyrite and arsenopyrite. As in the Main Zone, higher concentrations of arsenopyrite give rise to higher gold values. A total of six such parallel structures (HWZ1 to HWZ6) have been identified in locations and are significant contributors to the total number of ounces of gold contained within the overall Bradshaw deposit.

To date, the deposit has a drilled strike length in excess of 950 m, trending N070-080°E, and has been tested to a depth in excess of 1,000 m. The horizontal width of the geological Main Zone varies from 2 m to 22 m. The Bradshaw zones are from 1 m to up to 15 m in horizontal width and average 2 to 3 m. The deposit remains open along strike and at depth. Currently, Bradshaw contains a National Instrument 43-101 Indicated Resource estimated at 2.1 million tonnes ("t") grading 6.19 g/t Au containing 422 thousand oz Au and an Inferred Resource of 3.6 million t grading 6.47 g/t Au containing 755 thousand oz Au (Stantec, 2015). Further, based on the Pre-Feasibility Study produced by Stantec Mining and announced on June 9, 2015, Bradshaw contains Probable Mineral Reserves, using a 3 g/t Au cut-off and utilizing a gold price of US$1,200 / oz, totalling 1.8 million t grading 4.82 g/t Au for 277 thousand oz Au.

DISCUSSION OF DIAMOND DRILLING

A small diamond drilling program consisting of nine holes totaling 383 m, was carried out from July 18 to July 28, 2016. The program was conducted to gather rock stability data for the proposed access ramp and the crown pillar of the future Bradshaw gold mine. Six vertical geotechnical holes (GW16-286 to 291) were drilled to establish overburden thickness and confirm rock mass quality data over the proposed ramp. Three inclined holes (GW16-292 to 294) were drilled to intersect the proposed crown pillar to gather rock stability data and to conduct acoustic tele-viewer geophysical downhole surveys. These short holes tested the main zones of the Bradshaw deposit over a strike length of 465 m. Details of the 2016 drilling are set out in Table 1.

The diamond drilling program employed one diamond drill rig provided by Norex Drilling Inc. of Timmins, Ontario. Drill core logging and program supervision was carried out by the author. The field technical tasks associated with the drilling program were performed by Dan Collin an employee of Gowest Gold in Timmins, Ontario. Core splitting for assaying was conducted by Dan Collin. The maps and sections of this report were drafted by Katie Parpineau of Timmins, Ontario.

The three inclined 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.

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 1 Diamond Drill Holes

Drill Hole	Northing	Easting	Elevation	Azimuth	Dip	Length	Started	Finished	Claim No.
GW16-286	5398952	486936	292.6	360	-90	26	19-Jul	20-Jul	508400
GW16-287	5398943	486941	292.8	360	-90	26	20-Jul	20-Jul	508400
GW16-288	5398944	486926	292.3	360	-90	26	20-Jul	21-Jul	508400
GW16-289	5398933	486932	292.6	360	-90	26	20-Jul	20-Jul	508400
GW16-290	5398848	486898	292.1	360	-90	32	21-Jul	21-Jul	508400
GW16-291	5398712	486832	291.1	360	-90	50	21-Jul	22-Jul	508400
GW16-292	5398706	487024	290.1	178	-55	74	25-Jul	25-Jul	508402
GW16-293	5398638	486900	289.9	177	-55	61	26-Jul	26-Jul	508400
GW16-294	5398589	486559	290.7	180	-55	62	26-Jul	27-Jul	100440

All three inclined holes were drilled southward and intersected the following stratigraphy: grey bleached silicified massive mafic volcanics with arsenopyrite-pyrite mineralized zones (hanging wall zones); dark grey silicified hematitic foliated/sheared mafic volcanic with disseminated arsenopyrite (Main Zone); dark grey massive mafic volcanic; ultramafic volcanic flow; fault zone (typically 1.5 m core length); and terminating in talcose ultramafic flow.

Detailed drill logs for the holes are found in Appendix C.

ANALYTICAL TECHNIQUES AND RESULTS

A total of 168 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 six blanks, three Standard 16A, two Standard 16B and two 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 2 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).

- Gold Fire Assay – AAS Finish (ActLabs Code 1A2)
    - A 30 gram prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, is quartered with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.
    - The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.
    - Lower detection limit: 0.005 ppm; Upper detection limit: 10 ppm

- Multi-Element ICP-AES Analysis (ALS Code ME-ICP41)
    - A prepared sample is digested with Aqua Regia in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.
    - Partial leach.

Overlimit gold results are analysed by the following methods:

- Gold Fire Assay – Gravimetric Finish (ActLabs Code 1A3)
    - A 30 gram prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold.
    - Lower detection limit: 0.05 ppm; Upper detection limit: 1000 ppm

The gold results of the 2016 drilling program on the Bradshaw Gold deposit are summarized in the table below.

Table 3 Bradshaw 2016 Gold Results

Drill Hole	From (m)	To (m)	Core length (m)	Avg Grade (g/t Au)
GW16-289	18.2	18.5	0.3	2.45
GW16-292	18	19	1.0	1.47
GW16-293	36.3	37.5	1.2	3.46
GW16-294	37.5	39.6	2.1	1.61
GW16-294	44.0	46.50	2.5	2.50

Gold re-assaying was conducted on Samples Q620481 to Q620502 and the re-assay gold values are considered the final gold values of the samples. All official laboratory certificates for assaying conducted on the drill core of the 2016 diamond drilling program are found in Appendix D.

CONCLUSION AND RECOMMENDATIONS

The 2016 drilling program increased the geological and economic database of the Bradshaw Gold deposit. It has been successful in obtaining the necessary rock stability data to advance the project towards an underground bulk sample extraction stage. The results will be incorporated into the underground access and stope development planning for advanced exploration on the Bradshaw Gold deposit in 2017.

It is recommended that Gowest Gold Ltd. continue on its advanced underground bulk sample exploration program at the Bradshaw gold deposit.

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.

Bradshaw, R.J., 1975, Report on the property of Frankfield Explorations Ltd., Tully Township, Ontario, Ontario Assessment File 63-3299, 10 p., 3 figures.

Bradshaw, R.J., 2008, Technical Report on Gowest / New Texmont Property and Exploration and Development Progress on Frankfield Gold Deposit, Tully Township, Timmins Area, Ontario, for Gowest Amalgamated Resources Ltd. (SEDAR).

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.

Gow, N., Montgomery, K. and Peimeng L., 2012 Updated Mineral Resource Estimate, North Timmins Project, Timmins, ON Gowest Gold Ltd. (SEDAR).

Pearson, H.A., 1989, Report of Work Performed on Intex Mining Company Limited, Frankfield Explorations Limited, Gowest Amalgamated Resources Ltd., New Texmont Explorations Limited, Tully Township Properties, Porcupine Mining Division, Ontario, January 1988 – July 1989, AFRI 63-5409, 8 p.

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.

Stantec Mining, 2015, Gowest Gold Ltd. Bradshaw Gold Deposit Timmins Ontario NI43-101 Technical Report and Prefeasibility Study (SEDAR).

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 (1984) from Queen's University of Kingston, Ontario and a M.Sc. (App.) in Mineral Exploration (1987) 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 supervision of the diamond drilling program on the Frankfield 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 15Th day of August, 2017.

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

APPENDIX A CERTIFICATE OF EXPENDITURES
Gowest Gold Ltd.
Diamond Drilling on the Frankfield Property
July 15, 2016 to August 15, 2017

Geologists	$	11,017.50
Technicians	$	5,625.00
Core Drilling	$	31,005.50
Truck	$	2,000.00
Field Supplies (includes Truck Fuel)	$	790.00
Lab analysis	$	4,504.76
Report Writing & Drafting of Maps	$	2,542.50
TOTAL	**$**	**57,485.00**

Distribution of Expenditures per Claim

All drilling was conducted on mining claims 508400 & 508397 that form lease claim 107280.

Certified by: *J Kevin Montgomery* Date: August 15, 2017
Note: This certificate has been constructed from the Detailed Cost Accounting Ledgers of Gowest Gold.

APPENDIX B NORTH TIMMINS GOLD PROJECT CLAIM LIST

District/Division	Project/Property	Township	Claim Number	Recording Date	Claim Due Date
Porcupine - 60	GW Orphan Tully (G-3985)	Tully	4240049	2010-Mar-03	2022-Mar-03
Porcupine - 60	GW Orphan Tully (G-3985)	Tully	4254623	2010-Mar-03	2020-Mar-03
Porcupine - 60	GC Tully East Block-1	Tully	1207009	1996-Mar-19	2019-Mar-19
Porcupine - 60	GC Tully East Block-1	Tully	1244809	2001-Mar-30	2019-Mar-30
Porcupine - 60	Guidoccio Tully East	Tully	4269722	2012-Mar-08	2018-Mar-08
Porcupine - 60	Guidoccio Tully East	Tully	4269723	2012-Mar-08	2018-Mar-08
Porcupine – 60	Gowest Tully East	Tully	4277620	2014-Aug-28	2021-Aug-28
Porcupine – 60	Gowest Tully East	Tully	4277624	2014-Aug-29	2021-Aug-29
Porcupine - 60	Transition Pipestone East	Evelyn	4253001	2010-Feb-02	2019-Feb-02
Porcupine - 60	Transition Pipestone East	Evelyn	4253002	2010-Feb-02	2019-Feb-02
Porcupine - 60	Transition Pipestone East	Evelyn	4253003	2010-Feb-02	2019-Feb-02
Porcupine - 60	Transition Pipestone East	Evelyn	4253004	2010-Feb-02	2019-Feb-02
Porcupine - 60	Transition Pipestone East	Evelyn	4253005	2010-Feb-02	2019-Feb-02
Porcupine - 60	Transition Pipestone East	Evelyn	4253006	2010-Feb-02	2019-Feb-02
Porcupine - 60	Transition Pipestone East	Evelyn	4257022	2010-Jul-12	2019-Jul-12
Porcupine - 60	Transition Pipestone East	Evelyn	4257023	2010-Jul-12	2019-Jul-12
District/Division	Project/Property	Township	Claim Number	Recording Date	Claim Due Date
Porcupine - 60	Transition Pipestone East	Evelyn	4257024	2010-Jul-12	2019-Jul-12
Porcupine - 60	Transition Pipestone East	Evelyn	4257025	2010-Jul-12	2019-Jul-12
Porcupine - 60	Transition Pipestone East	Evelyn	4257027	2010-Jul-12	2019-Jul-12
Porcupine - 60	Gowan	Gowan	4253015	2010-Feb-02	2018-Feb-02
Porcupine - 60	Transition Pipestone East	Little	4257021	2010-Jul-12	2019-Jul-12
Porcupine - 60	Prosser	Prosser	4253014	2010-Feb-02	2018-Feb-02
Porcupine - 60	Wark 1	Prosser	4255012	2010-Mar-09	2019-Mar-09
Porcupine - 60	Wark 2	Prosser	4255234	2010-Apr-26	2019-Apr-26
Porcupine - 60	Wark 2	Wark	4252998	2010-Apr-27	2019-Apr-27
Porcupine - 60	Wark 2	Wark	4252999	2010-Apr-26	2019-Apr-26
Porcupine - 60	Wark 1	Wark	4253007	2010-Feb-02	2019-Feb-02
Porcupine - 60	Wark 1	Wark	4253009	2010-Feb-02	2019-Feb-02
Porcupine - 60	Wark 1	Wark	4253010	2010-Feb-02	2019-Feb-02
Porcupine - 60	Wark 1	Wark	4253011	2010-Feb-02	2019-Feb-02
Porcupine - 60	Wark 1	Wark	4253012	2010-Feb-02	2019-Feb-02
Porcupine - 60	Wark 1	Wark	4253013	2010-Feb-02	2019-Feb-02
Porcupine - 60	Wark 2	Wark	4255013	2010-Mar-09	2019-Mar-09
Porcupine - 60	Wark 2	Wark	4255233	2010-Apr-26	2019-Apr-26

Porcupine - 60	Wark 2	Wark	4255235	2010-Apr-26	2019-Apr-26	
Porcupine - 60	GW Pipestone East	Little	4270230	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Evelyn	4262511	2011-Jun-15	2018-Jun-15	
Porcupine - 60	GW Pipestone East	Evelyn	4262512	2011-Jun-15	2018-Jun-15	
Porcupine - 60	GW Pipestone East	Little	4262513	2011-Jun-15	2018-Jun-15	
Porcupine - 60	GW Pipestone East	Little	4270231	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Little	4270232	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Little	4270233	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Little	4270234	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Little	4270235	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Little	4270236	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Evelyn	4270237	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Evelyn	4270238	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Evelyn	4270239	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Evelyn	4267266	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Evelyn	4267267	2012-May-04	2018-May-04	
Porcupine - 60	GW Pipestone East	Little	4270356	2013-Apr-08	2018-Apr-08	
Porcupine - 60	GW Pipestone East	Little	4270357	2013-Apr-08	2018-Apr-08	
Porcupine - 60	GW Pipestone East	Little	4270358	2013-Apr-08	2018-Apr-08	
Porcupine - 60	GW Pipestone East	Tully	4270359	2013-Apr-08	2018-Apr-08	
Porcupine - 60	GW Pipestone East	Little	4261682	2013-Apr-22	2018-Apr-22	
Porcupine - 60	GW Pipestone East	Little	4261683	2013-Apr-22	2018-Apr-22	
District/Division	**Project/Property**	**Township**	**Lease or License**	**Claim No.**	**Start/Anniversary**	**Lease Expiry**
Porcupine - 60	Dowe	Tully	107242	101372	1999-Feb-01	2020-Jan-31
Porcupine - 60	Dowe	Tully	107242	101373	1999-Feb-01	2020-Jan-31
Porcupine - 60	Dowe	Tully	107242	101374	1999-Feb-01	2020-Jan-31
Porcupine - 60	Dowe	Tully	107242	101375	1999-Feb-01	2020-Jan-31
Porcupine - 60	Texmont/Frankfield	Prosser	107280	508392	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Prosser	107280	508394	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107280	508389	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107280	508395	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107280	508396	1999-Dec-01	2020-Nov-30
District/Division	**Project/Property**	**Township**	**Lease or License**	**Claim No.**	**Start/Anniversary**	**Lease Expiry**
Porcupine - 60	Texmont/Frankfield	Tully	107280	508398	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107280	508397	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107280	508399	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107280	508400	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107280	508401	1999-Dec-01	2020-Nov-30

Porcupine - 60	Texmont/Frankfield	Tully	107280	508402	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Prosser	107281	508391	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Prosser	107281	508393	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107281	508390	1999-Dec-01	2020-Nov-30
Porcupine - 60	Texmont/Frankfield	Tully	107335	97938	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107335	97941	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107335	97942	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107335	97943	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107335	97939	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107335	97940	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107335	97948	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107335	97949	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107336	97944	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107336	97945	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107336	97947	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107336	97946	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107360	99286	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107360	99287	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107360	99289	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107360	99288	2000-Oct-01	2021-Sept-30
Porcupine - 60	Texmont/Frankfield	Tully	107361	100440	2001-Jun-01	2022-May-31
Porcupine - 60	Texmont/Frankfield	Tully	107361	100437	2001-Jun-01	2022-May-31
Porcupine - 60	Texmont/Frankfield	Tully	107361	100441	2001-Jun-01	2022-May-31
Porcupine - 60	Texmont/Frankfield	Tully	107361	100438	2001-Jun-01	2022-May-31
Porcupine - 60	Texmont/Frankfield	Tully	107361	100442	2001-Jun-01	2022-May-31

District/Division	Project/Property	Township	Lease or License	Claim No.	Start/Anniversary	Lease Expiry
Porcupine - 60	Texmont/Frankfield	Tully	107361	100439	2001-Jun-01	2022-May-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101255	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101256	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101257	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101258	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101259	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101260	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101261	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101262	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101948	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101949	2003-Sept-01	2024-Aug-31

Porcupine - 60	GC Tully North Block-1	Tully	107484	101950	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101951	2003-Sept-01	2024-Aug-31
Porcupine - 60	GC Tully North Block-1	Tully	107484	101952	2003-Sept-01	2024-Aug-31
Porcupine - 60	White Star/Frankfield	Tully	107311	501055	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107311	501056	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107310	501057	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107310	501058	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107311	501059	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107311	501060	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107311	501061	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107310	501062	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107310	501063	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107311	501064	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107311	501065	2000-June-01	2021-May-31
Porcupine - 60	White Star/Frankfield	Tully	107310	515807	2000-June-01	2021-May-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1160197	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207001	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207003	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207004	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207005	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207007	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207010	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207701	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207702	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1207703	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1212880	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1244810	2013-Aug-01	2034-Jul-31
Porcupine - 60	GC Tully East Block-1	Tully	109337	1245331	2013-Aug-01	2034-Jul-31

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

APPENDIX C DRILL HOLE LOGS

DRILL HOLE REPORT

Hole Number **GW16-286** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	360	**Length:**	3	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Kevin Montgomery
Dip:	90	**Pulled:**	yes	**Storage:**	Rob Roy Yar	**Claim No.:**	508400	**Relog by:**	
Length:	26	**Capped:**	no	**Section:**		**NTS:**	42A/11	**Contractor:**	Norex Drilling
Started:	19-Jul-16	**Cemented:**	yes	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Dan Collin
Completed:	20-Jul-16							**Surveyed:**	yes
Logged:	18-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	
								Geophysic Contractor:	
								Left in hole:	
								Making water:	no
								Multi shot survey:	no

Comment: Getech vertical drill hole completely cemented and casing pulled. Bedrock was 9 feet below ground surface.

Coordinate - Gemcom		Coordinate - UTM	
East:	486936.37	**East:**	486936.37
North:	5398952.4	**North:**	5398950.88
Elev.:	292.6	**Elev.:**	291.91
		Zone: 17N	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	360.00	90.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-286** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	2.75	**OVB**	***Overburden***								
		Casing to 3.6 m then pulled at end of hole.									
2.75	4.00	**MV**	***Mafic Volcanic Flows***	Q620481	3.00	4.00	1.00	0.003	4	3.68	-
		Green, Mg, massive, intrusive texture, mafic volcanic. No veining present. STRUCTURE: massive no foliation present. ALTERATION: none, very minor iron oxidation in the rare fractures. MINERALIZATION: none Lower contact 10 to CA.									
4.00	7.50	**MS**	***Massive Sulphide***	Q620482	4.00	5.00	1.00	0.005	9	17.60	-
		Black, VFg, nonfoliated sulphide-graphite zone consisting of 80-85% pyrite and 20-15% graphite. MINERALIZATION: 80-85% brassy overall Vfg semimassive to massive pyrite. Strong vuggy texture throughout. No veining. Lower portion of unit (7-7.5 m), mostly VFg graphite (10% Vfg pyrite disseminations). Lower contact wavy approximately 10 to CA.		Q620483	5.00	6.00	1.00	0.016	32	20.00	-
				Q620484	6.00	7.00	1.00	0.008	10	20.00	-
				Q620485	7.00	7.50	0.50	0.003	4	12.70	-
7.50	8.70	**MV**	***Mafic Volcanic Brecciated***	Q620486	7.50	8.70	1.20	0.003	2	5.11	-
		Grey, Fg, massive with a crackle brecciation, amygduloidal mafic volcanic. 5% very fine 1-2 mm diameter chlorite filled amygdules. The unit contains 10-12% black Vfg graphitic argillite filled fractures. MINERALIZATION: 1-3% Vfg-Fg disseminated brassy pyrite. No veining. Lower contact 30 to CA.									

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-286** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
8.70	13.50	**MS** ***Massive Sulphide*** black, Vfg, non foliated, sulphidic graphitic argillite. MINERALIZATION: 15 to 80% (overall 70%) Vfg brassy pyrite. Semi massive at the begining then elliptical long lenses to circular ovoids. The lower 0.5 m, the pyrite content is 15-25% and occurs as 1 cm size ovoids and 1-2 cm size beds. Arsenopyrite disseminations at 12.55 m possibly. ALTERATION: calcite present in the lower 0.5 m. No veining. Lower contact is 20 to CA.	Q620488	8.70	9.50	0.80	0.005	41	20.00	-
			Q620489	9.50	10.50	1.00	0.036	159	20.00	-
			Q620490	10.50	11.50	1.00	0.057	188	20.00	-
			Q620491	11.50	12.50	1.00	0.012	179	13.40	-
			Q620492	12.50	13.50	1.00	0.005	62	7.10	-
13.50	26.00	**MV** ***Mafic Volcanic Flows*** pale green, fine grained, non foliated, massive mafic volcanic. Very minor quartz veining present. STRUCTURE: massive, no foliation noted. Alteration: Goethite alteration present at first half meter or interval. MINERALIZATION: 1% fine grained, brassy pyrite.	Q620493	13.50	14.50	1.00	0.003	8	2.76	-

DRILL HOLE REPORT

Hole Number **GW16-287** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	360	**Length:**	3	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Katie Papineau
Dip:	-90	**Pulled:**	yes	**Storage:**	Rob Roy Yar	**Claim No.:**	508400	**Relog by:**	Kevin Montgomery
Length:	26	**Capped:**	no	**Section:**		**NTS:**	42A/11	**Contractor:**	Norex Drilling
Started:	20-Jul-16	**Cemented:**	yes	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Dan Collin
Completed:	20-Jul-16							**Surveyed:**	yes
Logged:	21-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	
								Geophysic Contractor:	
								Left in hole:	
								Making water:	no
								Multi shot survey:	no

Comment: Geotech vertical hole completely cemented and casing pulled.

Coordinate - Gemcom		Coordinate - UTM	
East:	486941.25	**East:**	486941.25
North:	5398942.11	**North:**	5398942.11
Elev.:	291.81	**Elev.:**	291.81
		Zone: 17N	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	360.00	-90.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-287** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)		Lithology	Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	2.40	**OVB**	***Overburden***								
2.40	26.00	**MV**	***Mafic Volcanic Flows***	Q620494	16.00	17.00	1.00	0.003	14	0.11	-
			Green, fine grained massive, non foliated mafic volcanic flows. Cut by 2 % quartz-calcite veins/veinlets. STRUCTURE: massive, local weak-moderate foliation section see below. ALTERATION: 2 % calcite/quartz vienlets throughout unit. MINERALIZATION: Trace fine grained brasy pyrite. 10% arsenopyrite from 17.9-18.1m, Vfg disseminations and MG needles in halo (8 cm wide) about quartz veinlet	Q620495	17.00	17.80	0.80	0.003	62	0.12	-
				Q620496	17.80	18.10	0.30	0.538	5070	0.74	-
				Q620498	18.10	18.60	0.50	0.006	53	0.40	-
				Q620499	18.60	19.50	0.90	0.006	33	0.30	-
				Q620500	19.50	0.00	-19.50	0.003	31	0.22	-

DRILL HOLE REPORT

Hole Number: **GW16-288** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	360	**Length:**	3	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Katie Papineau
Dip:	-90	**Pulled:**	yes	**Storage:**	Rob Roy Yard	**Claim No.:**	508400	**Relog by:**	
Length:	26	**Capped:**	yes	**Section:**		**NTS:**	42A/11	**Contractor:**	Norex Drilling
Started:	20-Jul-16	**Cemented:**	yes	**Hole Type**		**Hole:**		**Spotted by:**	Dan Collin
Completed:	21-Jul-16							**Surveyed:**	yes
Logged:	21-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	
								Geophysic Contractor:	
								Left in hole:	
								Making water:	no
								Multi shot survey:	no

Comment: Geotech vertical drill holes completely cemented and casing pulled.

Coordinate - Gemcom		Coordinate - UTM			
East:	0	**East:**	486925.8		
North:	0	**North:**	5398944		
Elev.:	0	**Elev.:**	292.3		
		Zone:	17N	**NAD:**	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	360.00	-90.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number: **GW16-288** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)		Lithology	Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	1.80	**OVB**	***Overburden***								
1.80	26.00	**MV**	***Mafic Volcanic Flows*** green, fine grained, massive, non foliated mafic volcanic flow.Unit cut by 2-3% quartz-calcite and minor quartz-feldspar veinlets. Varioles and spiderweb bleaching of unit present throughout first 10m of hole. Fault/shear zone at 12.9 - 13.1 m. Intense crackle breccia with chlorite alteration from 13.7 to 14.8m. Remainder of hole minor chlorite crackle brreciation/gashes. STRUCTURE: Massive, non foliated. Alteration calcite-quartz veinlets and spiderweb bleaching. MINERALIZATION: trace pyrite								

DRILL HOLE REPORT

Hole Number **GW16-289** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	360	**Length:**	3	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Katie Papineau
Dip:	-90	**Pulled:**	yes	**Storage:**	Rob Roy Yar	**Claim No.:**	508400	**Relog by:**	Kevin Montgomery
Length:	26	**Capped:**	yes	**Section:**		**NTS:**	42A/11	**Contractor:**	Norex Drilling
Started:	20-Jul-16	**Cemented:**	yes	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Dan Collin
Completed:	20-Jul-16							**Surveyed:**	yes
Logged:	21-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	
								Geophysic Contractor:	
								Left in hole:	
								Making water:	no
								Multi shot survey:	no

Comment: Geotech vertical drill hole completely cemented and casing pulled.

Coordinate - Gemcom		Coordinate - UTM	
East:	486933.02	**East:**	486933.02
North:	5398931.29	**North:**	5398931.29
Elev.:	291.22	**Elev.:**	291.22
		Zone: 17N	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	360.00	-90.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-289** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)		Lithology	Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	2.30	**OVB**	***Overburden***								
2.30	26.00	**MV**	***Mafic Volcanic Flows***	Q620500	17.20	18.20	1.00	0.003	31	0.22	-
			Fine grained, massive, non foliated mafic volcanic flows. Unit cut by 3 % quartz-calcite vein-veinlets. Moderate quartz vein at 9.5m, 2cm thick, 35 to CA. STRUCTURE: massive, non foliated. Vuggy section 10 to 10.1 m. ALTERATION: quartz-calcite veinlets 3% of unit. Local iron oxide coated fractures down to 11 m. MINERALIZATION: Trace pyrite throughout unit. 5% Vfg disseminated to mg needles of arsenopyrite from 18.25 to 18.4., halo about grey quartz vein.	Q620501	18.20	18.50	0.30	2.450	10000	1.69	-
				Q620502	18.50	19.50	1.00	0.048	279	0.16	-

DRILL HOLE REPORT

Hole Number: **GW16-290** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	360	**Length:**	7.2	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Katie Papineau
Dip:	-90	**Pulled:**	yes	**Storage:**	Rob Roy Yard	**Claim No.:**	508400	**Relog by:**	
Length:	32	**Capped:**	yes	**Section:**		**NTS:**	42A/11	**Contractor:**	Norex Drilling
Started:	21-Jul-16	**Cemented:**	yes	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Dan Collin
Completed:	21-Jul-16							**Surveyed:**	yes
Logged:	25-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	None
								Geophysic Contractor:	
								Left in hole:	
								Making water:	no
								Multi shot survey:	no

Comment: Geotech vertical drill hole completely cemented and casing pulled.

Coordinate - Gemcom		Coordinate - UTM	
East:	486898.5	**East:**	486898.5
North:	5398848.4	**North:**	5398848.4
Elev.:	292.8	**Elev.:**	292.8
		Zone: 17N	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	360.00	-90.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number: **GW16-290** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)		Lithology	Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	7.80	**OVB**	***Overburden***								
7.80	32.00	**MV**	***Mafic Volcanic Flows***								

Fine grained, massive, non foliated mafic volcanic. Unit cut by 2 % calcite veinlets. Crackle breccia present from 7.9 to 9.8m. Moderate calcite vein at 9.5 to 9.6m, running parallel to core axis. Bleaching present on unit from 21.5 to 22.5m along with small varioles (5% of bleached portion) present. Varioles continue from 21.5 to end of hole, increasing in size down hole. Mineralization: 1-2 percent pyrite.

DRILL HOLE REPORT

Hole Number: **GW16-291** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	360	**Length:**	8.4	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Katie Papineau
Dip:	-90	**Pulled:**	yes	**Storage:**	Rob Roy Yard	**Claim No.:**	508400	**Relog by:**	
Length:	50	**Capped:**	yes	**Section:**		**NTS:**	42A/11	**Contractor:**	
Started:	21-Jul-16	**Cemented:**	yes	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Dan Collin
Completed:	21-Jul-16							**Surveyed:**	yes
Logged:	25-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	None
								Geophysic Contractor:	
								Left in hole:	
								Making water:	no
								Multi shot survey:	no

Comment: Geotech vertical drill hole completely cemented and casing pulled.

Coordinate - Gemcom		Coordinate - UTM	
East:	486832.4	**East:**	486832.4
North:	5398712.4	**North:**	5398712.4
Elev.:	291.1	**Elev.:**	291.1
		Zone: 17N	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	360.00	-90.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number: **GW16-291** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	7.80	**OVB**	***Overburden***								
		Casing down to 8.4 m.									
7.80	37.75	**MV**	***Mafic Volcanic Flows***								
		Fine grained, green-grey massive, non foliated mafic volcanic. Unit cut by 4 % quartz-calcite veinlets. Weak to moderate pervasive calcite alteration. LC gradational.									
37.75	49.40	**UM**	***Ultramafic Volcanic Flows***								
		Grey fine grained to very fined grained soft ultramafic volcanic, possibly mesocumulate peridotite. Very fined grain for start of unit to 40 meters, then fine grained to end of hole. Alteration: weak pervasive serpentine and talc. Spotty strong pervasive calcite. Structure: massive, trace white talc-calcite veinlets throughout unit. LC wavy 35 degrees to core axis.									
49.40	50.00	**ARG**	***Argillite***								
		Black very fined grained, hard graphitic argillite with 3 percent brassy, wispy pyrite stringers to thin cm lenses. One percent fine calcite stringers.									

DRILL HOLE REPORT

Hole Number **GW16-292** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	177.8	**Length:**	11.8	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Kevin Montgomery
Dip:	-55	**Pulled:**	yes	**Storage:**	Norex Yard	**Claim No.:**	508402	**Relog by:**	
Length:	74	**Capped:**	yes	**Section:**		**NTS:**	42A/11	**Contractor:**	Norex Drilling
Started:	25-Jul-16	**Cemented:**	yes	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Dan Collin
Completed:	25-Jul-16							**Surveyed:**	yes
Logged:	26-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	Optical
								Geophysic Contractor:	
								Left in hole:	Casing
								Making water:	no
								Multi shot survey:	yes

Comment: Crown pillar hole completely cemented and casing left in.

Coordinate - Gemcom		Coordinate - UTM	
East:	487024.97	**East:**	487024.97
North:	5398704.77	**North:**	5398704.77
Elev.:	290.08	**Elev.:**	290.08
		Zone: 17N	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	177.80	-55.00	C	☑	
23.00	180.40	-56.00	F	☑	
74.00	179.10	-55.00	F	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-292** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	11.30	**OVB**	***Overburden***								
11.30	42.80	**MV**	***Mafic Volcanic Flows***	Q620503	11.30	12.00	0.70	0.010	115	0.10	-
		Grey to light grey fine grained, massive altered mafic volcanic. Alteration: strong pervasive carbonate silica (bleaching) throughout unit. Black tourmaline disseminations to local concentrations about quartz carbonate veins. See below, major tourmaline zone. Unit cut by 10% white quartz carbonate veins. Local veins contain tourmaline, see below. Veins randomly orientated with one pronounced directon of 20 degrees to core axis. Trace disseminated brassy pyrite throughout with local sections of 0.5-1% pyrite. See below. LC of unit sharp 50 degrees to core axis.		Q620504	12.00	13.00	1.00	0.030	105	0.15	-
				Q620505	13.00	14.00	1.00	0.005	75	0.16	-
				Q620506	14.00	15.00	1.00	0.003	65	0.19	-
				Q620507	15.00	16.00	1.00	0.003	73	0.15	-
				Q620508	16.00	17.00	1.00	0.032	72	0.14	-
				Q620509	17.00	18.00	1.00	0.087	89	0.29	-
				Q620510	18.00	19.00	1.00	1.470	131	1.15	-
				Q620511	19.00	20.00	1.00	0.134	91	0.46	-
		Minor Interval:		Q620512	20.00	21.00	1.00	0.003	62	0.26	-
		21.90 22.05	QTV *Quartz-Tourmaline vein*	Q620513	21.00	21.80	0.80	0.018	82	0.23	-
			Same as above. 25% tourmaline running 40 degrees to core axis. 10cm wide.	Q620515	21.80	22.50	0.70	0.152	74	0.17	-
				Q620516	22.50	23.50	1.00	0.057	80	0.15	-
		Minor Interval:		Q620517	23.50	24.50	1.00	0.003	59	0.14	-
		22.30 22.40	QTV *Quartz-Tourmaline vein*	Q620518	24.50	25.00	0.50	0.003	62	0.17	-
			Same as above. 20% tourmaline. Irregular contacts.	Q620519	25.00	25.80	0.80	0.003	54	0.18	-
		Minor Interval:		Q620520	25.80	27.00	1.20	0.011	41	0.12	-
		34.60 37.40	QCV *Quartz-Carbonate vein*	Q620521	27.00	28.00	1.00	0.003	36	0.20	-
			Quartz carbonate veining section consistin gof several white to clear quartz carbonate veins. Veins randomly orientated, varying from 1cm to 5 cm. Veining 50% of section.	Q620522	28.00	29.00	1.00	0.062	77	0.24	-
				Q620524	29.00	30.00	1.00	0.014	59	0.12	-
				Q620525	30.00	31.00	1.00	0.086	78	0.34	-

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-292** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
		Minor Interval:	Q620526	31.00	32.00	1.00	0.008	69	0.13	-
		17.90 17.95 QTV *Quartz-Tourmaline vein*	Q620527	32.00	33.00	1.00	0.034	66	0.17	-
		Black and white quartz-tourmaline (5%) vein running 40% to core axis. Thickness 3.5cm wide.	Q620528	33.00	34.00	1.00	0.019	60	0.15	-
			Q620529	34.00	35.00	1.00	0.008	75	0.15	-
			Q620530	35.00	35.75	0.75	0.011	92	0.18	-
			Q620531	35.75	36.35	0.60	0.044	96	0.23	-
			Q620532	36.35	37.40	1.05	0.043	107	0.30	-
			Q620533	37.40	38.50	1.10	0.016	116	0.24	-
			Q620534	38.50	39.50	1.00	0.010	68	0.14	-
			Q620535	39.50	40.50	1.00	0.020	178	0.16	-
			Q620536	40.50	41.00	0.50	0.012	79	0.15	-
			Q620538	41.00	41.65	0.65	1.800	791	1.16	-
			Q620539	41.65	42.20	0.55	0.014	75	0.19	-
			Q620540	42.20	42.80	0.60	0.009	67	0.07	-
42.80	64.30	**MV** ***Mafic Volcanic Flows***	Q620541	42.80	43.80	1.00	0.187	2020	1.22	-
		Very fined grained light grey massive mafic volcanics. Local faint flow selvages. Unit is cut by quartz-calcite stringers (2%). Alteration: strong pervasive carbonate-silica (bleaching). Unit is also to weak to moderatel micro-fractured. Black very fined grained micro fractures filled with tourmaline-quartz. Very local chlorite filled micro fractures. Trace brassy fined grained to very fined grained disseminated pyrite throughout unit. See mineralized section below. LC gradational marked by disappearace of carbonate alteration.	Q620542	43.80	44.30	0.50	0.067	85	0.38	-
			Q620543	44.30	45.00	0.70	0.003	72	0.14	-
			Q620544	45.00	46.00	1.00	0.003	52	0.15	-
			Q620545	46.00	47.00	1.00	0.003	47	0.11	-
			Q620546	47.00	48.00	1.00	0.035	48	0.27	-
			Q620547	48.00	49.00	1.00	0.003	49	0.10	-
			Q620549	49.00	50.00	1.00	0.006	37	0.21	-
			Q620550	50.00	51.00	1.00	0.003	22	0.11	-
		Minor Interval:	Q620551	51.00	52.00	1.00	0.003	16	0.13	-
		42.80 43.80 MinZ *Mineralized Zone*	Q620552	52.00	53.00	1.00	0.003	8	0.32	-
		Section of strong, grey quartz stringers (25%). 3% brassy disseminated pyrite, locally cubic.	Q620553	53.00	54.00	1.00	0.007	11	0.14	-
			Q620554	54.00	55.00	1.00	0.003	7	0.09	-

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-292** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
		Minor Interval:	Q620555	55.00	56.00	1.00	0.003	16	0.17	-
		60.80 61.80 MinZ *Mineralized Zone*	Q620556	56.00	57.00	1.00	0.003	33	0.12	-
		Very fined grain to fine grained brassy pyrite disseminations. Overall 2 % sulphides consisting of 5% patches of pyrite throughout section.	Q620557	57.00	58.00	1.00	0.003	33	0.12	-
			Q620558	58.00	59.00	1.00	0.005	22	0.27	-
			Q620559	59.00	59.90	0.90	0.003	30	0.09	-
			Q620560	59.90	60.80	0.90	0.003	31	0.11	-
			Q620561	60.80	61.80	1.00	0.032	87	0.34	-
			Q620562	61.80	62.50	0.70	0.003	37	0.15	-
			Q620563	62.50	63.00	0.50	0.015	30	0.09	-
			Q620564	63.00	64.00	1.00	0.003	29	0.12	-
64.30	71.30	**MV** ***Mafic Volcanic Flows***	Q620565	64.00	65.00	1.00	0.003	35	0.13	-
		Dark grey, very fined grained, massive mafic volcanics. Unit has fine black micro-fractures (graphite?). Alteration: strong pervasive calcite. Unit cut by 1% white irregular calcite stringers. Mineralization: very fine to fine grained brassy pyrite disseminations throughout (0.5%). Lower contact sharp, 50 degrees to core axis.	Q620566	65.00	66.00	1.00	0.013	51	0.15	-
			Q620567	66.00	67.00	1.00	0.003	39	0.19	-
			Q620568	67.00	67.75	0.75	0.005	40	0.16	-
			Q620569	67.75	68.90	1.15	0.005	26	0.35	-
			Q620570	68.90	69.50	0.60	0.003	35	0.25	-
			Q620571	69.50	70.50	1.00	0.003	37	0.18	-
			Q620572	70.50	71.30	0.80	0.005	52	0.23	-
		Minor Interval:								
		67.75 68.90 MinZ *Mineralized Zone*								
		1% very fine grained brassy pyrite disseminations (mz1 possibly).								
71.30	74.00	**UM** ***Ultramafic Volcanic Flows***								
		Pale greyish green, soft, foliated, serpentinized ultramafic volcanic. Structure: moderately foliated 55 degrees to core axis. Alteration: strong pervasive calcite and moderate pervasive serpentinization. 1% calcite stringers random and parallel to foliation. No mineralization. Local black Vfg graphitic argillite lensoidal layers.								

DRILL HOLE REPORT

Hole Number **GW16-293** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	177.3	**Length:**	13.8	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Katie Papineau
Dip:	-55	**Pulled:**	yes	**Storage:**	Norex Yard	**Claim No.:**	508400	**Relog by:**	
Length:	61	**Capped:**	yes	**Section:**		**NTS:**	42A/11	**Contractor:**	Norex Drilling
Started:	26-Jul-16	**Cemented:**	yes	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Dan Collin
Completed:	26-Jul-16							**Surveyed:**	yes
Logged:	27-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	Optical
								Geophysic Contractor:	
								Left in hole:	Casing
								Making water:	no
								Multi shot survey:	yes

Comment: Crown pillar drill hole completely cemented and casing left in.

Coordinate - Gemcom		Coordinate - UTM	
East:	486900.36	**East:**	486900.36
North:	5398637.49	**North:**	5398637.49
Elev.:	289.84	**Elev.:**	289.84
		Zone: 17N	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	177.30	-55.00	C	☑	
23.00	173.20	-54.10	F	☑	
61.00	174.90	-53.30	F	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-293** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	13.20	**OVB**	***Overburden***								
13.20	24.00	**MV**	***Mafic Volcanic Flows***	Q620574	14.00	15.10	1.10	0.035	324	0.08	-
		Grey to light grey, fine grained, massive, non foliated mafic volcanic. Alteration: carbonate silica (bleaching). Tourmaline filled micro-fractures (10%) as well as disseminated tourmaline throughout unit. Minor quartz carbonate stringers cutting unit (randomly orientated). Major oxidation from start of hole to 20.2m. Mineralization 2 % disseminated pyrite throught unit. Up to 5 % on some in and around tourmaline veins. Upper and lower contacts 25 to core axis.		Q620575	15.95	17.00	1.05	0.033	236	0.26	-
				Q620576	17.00	18.00	1.00	0.014	174	0.11	-
				Q620577	18.00	19.00	1.00	0.030	110	0.18	-
				Q620578	19.00	20.00	1.00	0.212	126	0.24	-
				Q620579	20.00	21.00	1.00	0.081	210	0.20	-
				Q620580	21.00	21.40	0.40	0.020	91	0.19	-
				Q620581	21.40	22.40	1.00	0.279	136	0.57	-
				Q620582	22.40	23.00	0.60	0.017	64	0.28	-
		Minor Interval:		Q620583	23.00	24.00	1.00	0.017	57	0.12	-
		15.10 15.95	LC *Lost Core*								
			Void hit by drillers no core.								
24.00	43.80	**MV**	***Mafic Volcanic Flows***	Q620584	24.00	25.00	1.00	0.017	5	0.15	-
		Dark grey, fined grain massive, non foliated mafic volcanic. Softer than above mafic volcanic. Alteration: Unit cut by 5-10% pervasive calcite and calcite stringers randomly orientated. 1% tourmaline filled microfractures. Faint foliation 50 degrees to core axis. Minor goethite present at 29.1m. Gradational upper and lower contact. Oxidized fault zone at 30.45 to 30.65. Major quartz vein at 36 to 36.3m with felsic minerals in and around. Hematite unit at 36.3 to 37.5m Mineralization: mineralized zone from 36.3 to 43.8m. See below.		Q620585	25.00	26.00	1.00	0.003	3	0.15	-
				Q620586	26.00	27.00	1.00	0.003	2	0.14	-
				Q620587	27.00	28.00	1.00	0.003	6	0.24	-
				Q620588	28.00	29.00	1.00	0.008	23	0.13	-
				Q620589	29.00	30.00	1.00	0.003	49	0.20	-
				Q620590	30.00	31.00	1.00	0.003	184	0.25	-
				Q620591	31.00	32.00	1.00	0.006	26	0.27	-

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-293** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
		Minor Interval:	Q620592	32.00	33.00	1.00	0.003	44	0.13	-
		36.30 43.80 MinZ *Mineralized Zone*	Q620593	33.00	34.00	1.00	0.003	40	0.15	-
		5% very fined grain disseminated pyrite throughout unit. 0.5-1.5% extremely fine grained arsenopyrite. Mineralization directly related to hematite alteration of interval. Up to 10% mineralization in hematite zone (36.3-37.5).	Q620594	34.00	35.00	1.00	0.003	64	0.16	-
			Q620595	35.00	35.80	0.80	0.022	144	0.72	-
			Q620596	35.80	36.30	0.50	0.058	339	0.77	-
			Q620597	36.30	37.00	0.70	1.130	4820	2.14	-
			Q620599	37.00	37.50	0.50	6.730	10000	1.24	-
			Q620600	37.50	38.00	0.50	0.024	139	0.43	-
			Q620602	38.00	39.00	1.00	0.009	126	0.16	-
			Q620603	39.00	40.00	1.00	0.003	63	0.15	-
			Q620604	40.00	41.00	1.00	0.003	57	0.13	-
			Q620605	41.00	42.00	1.00	0.003	58	0.13	-
			Q620606	42.00	43.00	1.00	0.003	30	0.17	-
			Q620607	43.00	43.80	0.80	0.003	21	0.13	-
43.80	51.60	**MV** ***Mafic Volcanic Flows***	Q620608	43.80	44.50	0.70	0.003	51	0.15	-
		Grey-green, fine grained, foliated mafic volcanic. Foliation 50 degrees to core axis. Increasing green color and softness downhole. Softer than above units. Alteration: unit cut by strong pervasive calcite 5-10% calcite stringers and 2% hematite veinlets. Very minor tourmaline veining throughout. Alteration changing downhole. Serpentinization from 50-51.6m. Mineralization: a 2% disseminated fine grained pyrite and pyrrhotite mineralized zone (see below). Upper contacts gradational and lower contact 60 degrees to core axis.	Q620609	44.50	45.50	1.00	0.007	33	0.27	-
			Q620610	45.50	46.50	1.00	0.003	30	0.11	-
			Q620611	46.50	47.70	1.20	0.003	2	0.24	-
			Q620612	47.70	49.00	1.30	0.003	3	0.13	-
			Q620613	49.00	50.00	1.00	0.003	2	0.15	-
			Q620614	50.00	51.00	1.00	0.003	2	0.12	-
			Q620615	51.00	51.60	0.60	0.003	14	0.51	-
		Minor Interval:								
		43.80 47.70 MinZ *Mineralized Zone*								
		Fine grained disseminated pyrite (3%) and extremely fine grained arsenopyrite (3%). Mineralization decreases as calcite stringers and hematite decrease.								

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-293** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
51.60	52.00	**UM**	***Ultramafic Volcanic Flows*** see 53-61 m description below.	Q620616	51.60	52.00	0.40	0.003	12	0.35	-
52.00	53.00	**FZ**	***Fault Zone*** Friable soft ultramafic fault gouge.								
53.00	61.00	**UM**	***Ultramafic Volcanic Flows*** Dark grey-green, blocky, foliated,extremely weak and soft, serpentinized ultra mafic volcanic. Asbestos evident at 60.6 m to end of hole. No Mineralization. Random spinifex structure from 59.4 to 59.6m. Top direction appears up hole. Mesocumulate sections on either side of spinifex.								

DRILL HOLE REPORT

Hole Number **GW16-294** Project: **FRANKFIELD** Project Number: **001**

Drilling		Casing		Core		Location		Other	
Azimuth:	179.5	**Length:**	27	**Dimension:**	NQ	**Township:**	TULLY	**Logged by:**	Katie Papineau
Dip:	-55	**Pulled:**	yes	**Storage:**	Norex Yard	**Claim No.:**	100440	**Relog by:**	Kevin Montgomery
Length:	62	**Capped:**	yes	**Section:**		**NTS:**	42A/11	**Contractor:**	Norex Drilling
Started:	26-Jul-16	**Cemented:**	yes	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Dan Collin
Completed:	27-Jul-16							**Surveyed:**	yes
Logged:	28-Jul-16							**Surveyed by:**	Gowest Survey Team
								Geophysics:	Optical
								Geophysic Contractor:	
								Left in hole:	
								Making water:	no
								Multi shot survey:	yes

Comment: Crown pillar drill hole completely cemented and casing pulled.

Coordinate - Gemcom		Coordinate - UTM	
East:	486558.9	**East:**	486558.9
North:	5398588.8	**North:**	5398588.8
Elev.:	290.7	**Elev.:**	290.7
		Zone: 17N	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	179.50	-55.00	C	☑	
35.00	179.50	-54.10	F	☑	
62.00	179.50	-54.10	F	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-294** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
0.00	25.60	**OVB**	***Overburden***								
25.60	36.60	**MV**	***Mafic Volcanic Flows***	Q620617	25.60	26.00	0.40	1.130	5320	0.86	-
		Fine grained light to dark grey massive, non foliated, mafic volcanic. Lower contact gradational. 5% pervasive calcite as well as 1% stringers. Carbonate silica (bleaching) from 30.7m to end of interval. Hematite alteration apparent throughout interval although more intense at some sections than others (see below). 2% chlorite filled microfractures. Iron oxidation throughout unit especially in and around fault zones. Medium grained pyrite and very fine grained arsenopyrite evident throughout section (see below). Sulphides associated with hematite content in rock.		Q620618	26.00	27.00	1.00	0.176	1660	0.67	-
				Q620619	27.00	28.00	1.00	0.007	149	0.27	-
				Q620620	28.00	29.00	1.00	0.143	969	1.11	-
				Q620622	29.00	30.00	1.00	0.012	115	0.22	-
				Q620623	30.00	31.15	1.15	0.130	425	0.15	-
				Q620624	31.15	31.80	0.65	0.008	146	0.23	-
				Q620626	31.80	33.00	1.20	0.006	80	0.10	-
				Q620627	33.00	34.00	1.00	0.003	55	0.05	-
		Minor Interval:		Q620628	34.00	35.00	1.00	0.007	297	0.05	-
		25.60 29.00	MinZ *Mineralized Zone*	Q620630	35.00	36.00	1.00	0.285	940	0.35	-
			Medium grained pyrite and very fine grained arsenopyrite related to	Q620631	36.00	36.60	0.60	0.007	352	0.15	-
36.60	49.40	**MV**	***Mafic Volcanic Flows***	Q620632	36.60	37.00	0.40	0.011	948	0.72	-
		Very dark grey, fine grained, non foliated, massive mafic volcanic. Core is extremely weathered in sections. Hematite alteration throughout section (see below) from pervasive to banding and iron oxidation from start of section to 38.1m. 4% pervasive calcite. Graphite filled micro-fractures (2%). Moderate to major mineralization throughout entire unit. Medium grained disseminated pyrite (10%) for entire section (see below).		Q620633	37.00	37.50	0.50	0.503	2980	1.35	-
				Q620634	37.50	38.50	1.00	1.060	7140	1.90	-
				Q620635	38.50	39.60	1.10	2.110	10000	2.41	-
				Q620636	39.60	40.00	0.40	0.461	2230	2.94	-
				Q620637	40.00	41.00	1.00	0.079	506	1.81	-
				Q620638	41.00	42.00	1.00	0.087	123	0.80	-
				Q620639	42.00	43.00	1.00	0.063	186	0.49	-

LITHOLOGY REPORT
- Detailed -

Hole Number **GW16-294** Project: **FRANKFIELD** Project Number: **001**

From (m)	To (m)	Lithology				Sample #	From	To	Length	Au (ppm)	As (ppm)	S (%)	Sg
		Minor Interval:				Q620640	43.00	44.00	1.00	0.087	876	1.19	-
		36.60	49.40	MinZ	*Mineralized Zone*	Q620641	44.00	45.00	1.00	0.866	10000	3.99	-
						Q620642	45.00	45.80	0.80	5.970	10000	6.81	-
						Q620643	45.80	46.50	0.70	0.864	6890	2.82	-
						Q620644	46.50	47.50	1.00	0.354	2270	0.98	-
						Q620645	47.50	48.50	1.00	0.012	163	0.36	-
						Q620647	48.50	49.40	0.90	0.508	2200	3.54	-
49.40	50.30	**FZ**	***Fault Zone***			Q620648	49.40	50.30	0.90	0.006	244	0.05	-
		70% core loss, ultramafic fault gouge.											
50.30	62.00	**UM**	***Ultramafic Volcanic Flows***										
		Fine grained, grey-green extremely soft and weathered, serpentinized, blocky ultra mafic volcanic. No mineralization. Fault zone at 50m for 0.3m. Upper contact 50 to core axis. 0.5% talc-calcite stringers throughout unit. Local fault gouging see below.											

APPENDIX D GEOCHEMICAL ANALYTICAL CERTIFICATES

Quality Analysis ... *Innovative Technologies*

Date Submitted:	11-Nov-16
Invoice No.:	A16-12012
Invoice Date:	24-Nov-16
Your Reference:	Frankfield

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

ATTN: Kevin Montgomery

CERTIFICATE OF ANALYSIS

22 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E2-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A16-12012**

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:

Emmanuel Eseme , 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
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%
Lower Limit	5	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01
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
Q620481	< 5	< 0.2	0.5	80	785	< 2	1050	< 2	196	3.40	4	< 5	14	< 1	< 2	0.50	107	2270	7.49	9	3	0.01	6.02
Q620482	10	0.2	1.0	194	418	2	121	57	154	1.92	9	< 5	8	< 1	3	0.06	40	407	15.9	4	2	< 0.01	3.09
Q620483	20	0.5	< 0.2	235	44	< 2	135	67	51	0.42	32	< 5	7	< 1	7	0.06	60	36	20.3	< 1	5	0.02	0.07
Q620484	12	0.5	0.3	241	126	< 2	139	51	142	0.30	10	< 5	11	< 1	9	0.08	38	14	21.6	< 1	5	0.03	0.14
Q620485	8	0.3	3.7	185	236	6	111	14	1250	1.10	4	6	19	< 1	< 2	0.20	33	155	12.1	2	3	0.09	1.02
Q620486	< 5	< 0.2	< 0.2	102	640	< 2	198	< 2	133	2.02	< 3	< 5	29	< 1	< 2	0.45	64	329	7.19	5	2	0.13	2.75
Q620487	< 5	0.3	< 0.2	77	1440	2	127	7	83	1.46	749	< 5	149	< 1	< 2	1.41	30	45	6.57	3	17	0.09	2.44
Q620488	6	0.5	0.4	242	377	2	135	63	222	0.52	41	< 5	11	< 1	6	0.13	69	40	21.0	1	3	0.07	0.50
Q620489	38	0.6	0.4	137	360	2	79	64	285	0.19	159	< 5	11	< 1	6	0.11	86	7	20.4	< 1	2	0.05	0.12
Q620490	65	0.6	1.0	117	150	3	94	63	788	0.30	188	< 5	10	< 1	4	0.12	39	12	20.6	< 1	3	0.02	0.21
Q620491	< 5	0.5	3.6	123	315	6	163	49	1770	0.41	179	6	26	< 1	< 2	2.92	63	20	12.1	2	8	0.12	0.21
Q620492	1900	0.3	3.4	190	476	6	193	14	1590	0.71	62	7	29	< 1	< 2	3.88	71	114	9.25	3	6	0.11	0.66
Q620493	< 5	< 0.2	< 0.2	155	1280	< 2	156	< 2	145	3.67	8	6	11	< 1	< 2	1.18	54	462	9.21	10	3	0.01	4.97
Q620494	< 5	< 0.2	0.4	128	1330	< 2	37	< 2	144	3.94	14	< 5	10	< 1	< 2	5.72	45	16	9.35	10	5	0.02	3.29
Q620495	5	< 0.2	0.7	108	1360	< 2	205	< 2	104	4.01	62	< 5	7	< 1	< 2	6.26	49	483	8.43	9	3	< 0.01	4.22
Q620496	568	< 0.2	< 0.2	104	1340	< 2	81	< 2	132	3.37	5070	< 5	9	< 1	< 2	7.37	44	126	8.86	9	3	< 0.01	3.06
Q620497	< 5	< 0.2	< 0.2	< 1	3	< 2	< 1	< 2	1	0.01	5	< 5	13	< 1	< 2	0.02	< 1	< 2	0.04	< 1	< 1	< 0.01	< 0.01
Q620498	8	< 0.2	0.4	122	1290	< 2	23	< 2	110	3.35	53	< 5	8	< 1	< 2	6.73	40	4	8.70	10	4	< 0.01	2.41
Q620499	< 5	< 0.2	0.3	117	1370	< 2	24	< 2	123	3.57	33	< 5	8	< 1	< 2	8.13	39	4	9.34	11	4	< 0.01	2.32
Q620500	< 5	< 0.2	< 0.2	131	1140	< 2	29	< 2	128	3.89	31	< 5	13	< 1	< 2	4.67	46	8	10.1	12	4	0.03	2.88
Q620501	2740	< 0.2	0.8	39	932	< 2	101	5	97	1.87	> 10000	< 5	19	< 1	4	7.36	28	197	6.44	5	2	0.03	1.81
Q620502	49	< 0.2	0.3	113	1390	< 2	150	< 2	134	4.14	279	< 5	8	< 1	< 2	7.63	38	352	9.36	11	4	< 0.01	3.75

Analyte Symbol	Na	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S
Unit Symbol	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.001	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001
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
Q620481	0.015	0.027	19	4.3	52	< 5	4	< 1	< 2	0.26	< 10	136	< 1	7	10	3.68
Q620482	0.012	0.012	9	4.2	10	< 5	2	4	< 2	0.03	< 10	65	< 1	3	10	17.6
Q620483	0.012	0.007	8	1.2	< 5	< 5	3	3	2	< 0.01	< 10	13	2	2	7	> 20.0
Q620484	0.011	0.007	10	1.1	< 5	< 5	2	< 1	< 2	< 0.01	< 10	11	3	2	10	> 20.0
Q620485	0.023	0.023	5	4.5	< 5	< 5	3	< 1	< 2	0.09	< 10	57	< 1	5	16	12.7
Q620486	0.041	0.030	< 5	3.2	13	< 5	4	2	< 2	0.22	< 10	88	< 1	8	8	5.11
Q620487	0.292	0.158	6	2.5	< 5	< 5	84	4	< 2	0.18	< 10	47	2	10	8	1.23
Q620488	0.013	0.016	9	1.8	< 5	< 5	2	6	< 2	0.02	< 10	21	2	2	11	> 20.0
Q620489	0.015	0.011	15	1.5	< 5	< 5	2	2	< 2	0.03	< 10	13	4	2	11	> 20.0
Q620490	0.014	0.007	23	1.7	< 5	< 5	2	8	4	0.03	< 10	13	5	2	10	> 20.0
Q620491	0.020	0.023	11	3.4	< 5	< 5	27	< 1	< 2	0.11	< 10	24	2	6	19	13.4
Q620492	0.022	0.022	5	5.8	< 5	< 5	43	2	< 2	0.15	< 10	47	2	5	13	7.10
Q620493	0.019	0.031	< 5	9.9	9	< 5	8	5	< 2	0.36	< 10	205	< 1	9	8	2.76
Q620494	0.028	0.041	< 5	12.7	< 5	< 5	124	2	< 2	0.37	< 10	216	< 1	9	7	0.110
Q620495	0.016	0.030	6	13.4	11	< 5	188	< 1	< 2	0.30	< 10	194	2	6	5	0.118
Q620496	0.030	0.029	< 5	11.5	6	< 5	403	< 1	< 2	0.15	< 10	190	2	5	4	0.744
Q620497	0.013	< 0.001	< 5	< 0.1	< 5	< 5	1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	0.023
Q620498	0.042	0.041	< 5	11.6	< 5	< 5	257	< 1	< 2	0.39	< 10	222	1	8	6	0.395
Q620499	0.027	0.038	< 5	10.8	< 5	< 5	146	1	< 2	0.39	< 10	217	1	8	7	0.301
Q620500	0.037	0.046	< 5	11.0	< 5	< 5	68	4	< 2	0.65	< 10	248	2	13	14	0.215
Q620501	0.026	0.046	8	7.1	6	< 5	477	< 1	< 2	0.06	< 10	105	1	3	4	1.69
Q620502	0.016	0.041	7	12.2	11	< 5	248	7	< 2	0.27	< 10	203	< 1	6	4	0.155

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%
Lower Limit	5	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01
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		27.3	2.2	1030	804	14	22	552	692	0.46	348	10	471	< 1	1350	0.76	6	6	20.1	3	5	0.04	0.15
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	7.50	0.050	0.217
GXR-4 Meas		3.6	0.4	6330	142	330	37	42	73	2.60	100	< 5	100	< 1	10	0.81	13	56	2.95	8	54	1.81	1.64
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	64.5	4.01	1.66
GXR-6 Meas		0.3	< 0.2	64	1060	2	18	89	131	6.75	252	< 5	1090	< 1	4	0.15	14	81	5.18	12	11	1.16	0.40
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	13.9	1.87	0.609
OREAS203 Meas	855																						
OREAS203 Cert	871.000																						
OREAS203 Meas	923																						
OREAS203 Cert	871.000																						
OxD128 Meas	426																						
OxD128 Cert	424.000																						
OREAS 251 Meas	508																						
OREAS 251 Cert	504.00																						
Q620481 Orig		< 0.2	0.6	81	790	< 2	1050	2	198	3.43	4	< 5	14	< 1	< 2	0.50	107	2280	7.53	9	3	0.01	6.05
Q620481 Dup		< 0.2	0.4	79	780	< 2	1040	< 2	194	3.37	4	< 5	14	< 1	< 2	0.50	106	2250	7.44	9	3	0.01	6.00
Q620489 Orig		0.6	0.5	136	363	2	82	62	282	0.20	159	< 5	12	< 1	7	0.12	88	7	20.3	< 1	2	0.05	0.12
Q620489 Dup		0.6	0.3	137	356	3	75	65	288	0.19	158	< 5	9	< 1	5	0.11	85	7	20.5	< 1	2	0.05	0.11
Q620490 Orig	64																						
Q620490 Dup	66																						
Q620500 Orig	< 5																						
Q620500 Dup	< 5																						
Q620502 Orig	49																						
Q620502 Split PREP DUP	35																						
Method Blank		< 0.2	< 0.2	< 1	< 1	< 2	< 1	< 2	< 1	< 0.01	< 3	< 5	9	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01
Method Blank		< 0.2	< 0.2	< 1	< 1	< 2	< 1	< 2	< 1	< 0.01	< 3	< 5	8	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Na	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S
Unit Symbol	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.001	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001
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
GXR-1 Meas	0.061	0.036	69	0.9	9	22	160	11	< 2	< 0.01	26	80	133	15	11	0.186
GXR-1 Cert	0.0520	0.0650	122	1.58	16.6	54.0	275	13.0	0.390	0.036	34.9	80.0	164	32.0	38.0	0.257
GXR-4 Meas	0.121	0.124	< 5	5.6	< 5	< 5	75	< 1	< 2	0.14	< 10	87	14	8	7	1.79
GXR-4 Cert	0.564	0.120	4.80	7.70	5.60	5.60	221	0.970	3.20	0.29	6.20	87.0	30.8	14.0	186	1.77
GXR-6 Meas	0.080	0.034	5	17.8	< 5	< 5	35	< 1	< 2		< 10	185	< 1	4	10	0.015
GXR-6 Cert	0.104	0.0350	3.60	27.6	0.940	1.70	35.0	0.0180	2.20		1.54	186	1.90	14.0	110	0.0160
OREAS203 Meas																
OREAS203 Cert																
OREAS203 Meas																
OREAS203 Cert																
OxD128 Meas																
OxD128 Cert																
OREAS 251 Meas																
OREAS 251 Cert																
Q620481 Orig	0.015	0.027	19	4.3	55	< 5	4	1	< 2	0.27	< 10	136	2	7	10	3.72
Q620481 Dup	0.015	0.027	19	4.3	50	< 5	4	< 1	< 2	0.26	< 10	135	< 1	7	10	3.63
Q620489 Orig	0.015	0.011	15	1.6	< 5	< 5	2	3	< 2	0.03	< 10	13	4	2	11	> 20.0
Q620489 Dup	0.016	0.011	16	1.5	< 5	< 5	2	1	2	0.03	< 10	13	4	2	11	> 20.0
Q620490 Orig																
Q620490 Dup																
Q620500 Orig																
Q620500 Dup																
Q620502 Orig																
Q620502 Split PREP DUP																
Method Blank	0.010	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001
Method Blank	0.010	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001
Method Blank																
Method Blank																
Method Blank																
Method Blank																

Quality Analysis ... *Innovative Technologies*

Date Submitted:	11-Nov-16
Invoice No.:	A16-12012-ReAssay
Invoice Date:	22-Dec-16
Your Reference:	Frankfield

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

ATTN: Kevin Montgomery

CERTIFICATE OF ANALYSIS

22 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E2-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A16-12012-ReAssay**

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:

Emmanuel Eseme , 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
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Q620481	< 5
Q620482	5
Q620483	16
Q620484	8
Q620485	< 5
Q620486	< 5
Q620487	1790
Q620488	5
Q620489	36
Q620490	57
Q620491	12
Q620492	5
Q620493	< 5
Q620494	< 5
Q620495	< 5
Q620496	538
Q620497	< 5
Q620498	6
Q620499	6
Q620500	< 5
Q620501	2450
Q620502	48

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS203 Meas	853
OREAS203 Cert	871.000
OREAS 251 Meas	499
OREAS 251 Cert	504.00
Q620502 Orig	48
Q620502 Split PREP DUP	30
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted:	11-Nov-16
Invoice No.:	A16-12013
Invoice Date:	12-Dec-16
Your Reference:	Frankfield

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 1E2-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A16-12013**

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:

Emmanuel Eseme , 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
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
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
Q620503	< 0.2	0.2	90	1560	< 2	42	< 2	96	0.93	115	< 5	17	< 1	< 2	4.52	42	27	9.57	5	3	0.08	2.40	0.061
Q620504	< 0.2	0.2	86	1550	< 2	47	< 2	119	1.02	105	< 5	14	< 1	3	5.67	42	34	9.93	7	2	0.04	2.72	0.050
Q620505	< 0.2	0.2	99	1330	< 2	47	< 2	116	2.31	75	< 5	14	< 1	3	3.56	45	37	11.1	11	3	0.04	2.77	0.058
Q620506	< 0.2	< 0.2	103	1420	< 2	45	< 2	113	2.07	65	< 5	12	< 1	< 2	3.38	45	36	10.4	10	3	0.04	2.73	0.046
Q620507	< 0.2	< 0.2	98	1410	< 2	49	< 2	109	1.85	73	< 5	13	< 1	< 2	3.83	46	39	10.7	9	2	0.04	2.62	0.059
Q620508	< 0.2	0.4	98	1460	< 2	48	< 2	107	1.63	72	< 5	19	< 1	< 2	4.45	42	35	10.6	8	2	0.07	2.66	0.048
Q620509	< 0.2	< 0.2	60	1550	< 2	32	< 2	95	0.51	89	< 5	17	< 1	2	5.74	32	18	8.49	2	1	0.05	2.37	0.027
Q620510	0.3	< 0.2	73	1290	3	40	< 2	90	0.99	131	< 5	19	< 1	< 2	4.69	39	26	9.44	5	1	0.06	2.30	0.050
Q620511	< 0.2	< 0.2	70	1340	< 2	39	< 2	89	0.94	91	< 5	21	< 1	< 2	4.91	38	28	9.03	5	2	0.07	2.10	0.068
Q620512	< 0.2	0.5	91	1590	< 2	44	< 2	115	1.41	62	< 5	15	< 1	2	4.63	42	37	10.5	8	2	0.04	2.60	0.051
Q620513	< 0.2	0.4	100	1600	< 2	44	< 2	106	1.20	82	< 5	23	< 1	2	4.02	44	27	10.3	6	3	0.10	2.53	0.058
Q620514	1.3	< 0.2	141	2850	3	93	6	88	2.12	3250	5	60	< 1	< 2	2.87	27	65	8.57	5	11	0.12	2.28	0.186
Q620515	< 0.2	< 0.2	76	892	< 2	25	< 2	159	0.22	74	13	17	< 1	2	2.97	26	17	5.84	2	2	0.06	1.38	0.048
Q620516	< 0.2	< 0.2	97	1460	< 2	42	< 2	113	1.19	80	< 5	20	< 1	2	4.12	41	26	10.4	6	3	0.11	2.65	0.046
Q620517	< 0.2	0.2	83	1530	< 2	41	< 2	107	1.47	59	8	14	< 1	< 2	3.67	41	28	10.3	8	3	0.04	2.67	0.044
Q620518	< 0.2	0.3	91	1510	< 2	39	< 2	112	1.16	62	7	19	< 1	3	3.54	41	26	9.75	6	3	0.07	2.46	0.051
Q620519	< 0.2	0.3	90	1420	< 2	39	< 2	97	1.18	54	9	18	< 1	2	4.23	39	24	9.29	6	3	0.05	2.48	0.044
Q620520	< 0.2	< 0.2	84	1590	< 2	39	< 2	101	1.47	41	9	15	< 1	2	3.71	40	29	9.80	7	2	0.05	2.62	0.044
Q620521	< 0.2	< 0.2	92	1570	< 2	42	< 2	103	1.67	36	11	15	< 1	3	3.96	41	31	10.3	8	3	0.04	2.83	0.046
Q620522	< 0.2	< 0.2	81	1460	< 2	36	< 2	90	0.61	77	9	16	< 1	2	4.73	40	21	9.24	3	2	0.04	2.48	0.042
Q620523	< 0.2	< 0.2	< 1	4	< 2	< 1	< 2	< 1	0.01	< 3	< 5	14	< 1	< 2	0.02	< 1	< 2	0.04	< 1	< 1	< 0.01	< 0.01	0.014
Q620524	< 0.2	0.2	82	1470	< 2	40	< 2	106	1.12	59	9	16	< 1	< 2	3.82	39	27	9.53	6	3	0.04	2.47	0.049
Q620525	< 0.2	< 0.2	87	1420	< 2	35	< 2	112	0.66	78	12	19	< 1	2	4.65	40	20	9.59	3	2	0.06	2.54	0.051
Q620526	< 0.2	< 0.2	83	1610	< 2	40	< 2	110	1.03	69	< 5	17	< 1	< 2	3.45	41	29	10.0	6	3	0.06	2.58	0.053
Q620527	< 0.2	< 0.2	95	1300	< 2	40	2	106	1.23	66	< 5	19	< 1	4	3.63	44	27	9.57	6	3	0.07	2.57	0.047
Q620528	< 0.2	0.5	82	1250	< 2	39	< 2	96	1.09	60	< 5	21	< 1	3	3.59	39	27	9.46	6	3	0.07	2.51	0.051
Q620529	< 0.2	0.5	88	1440	< 2	45	< 2	119	1.08	75	< 5	18	< 1	3	2.98	43	32	10.2	6	3	0.06	2.51	0.054
Q620530	< 0.2	< 0.2	75	1440	< 2	43	< 2	117	0.49	92	< 5	21	< 1	2	4.34	42	23	9.95	3	3	0.07	2.50	0.049
Q620531	< 0.2	0.3	71	1300	< 2	45	< 2	108	0.72	96	< 5	23	< 1	2	4.72	43	25	8.58	4	2	0.09	2.19	0.051
Q620532	< 0.2	< 0.2	79	1440	< 2	44	< 2	156	0.66	107	< 5	21	< 1	2	5.35	42	24	8.48	3	2	0.07	2.22	0.044
Q620533	< 0.2	< 0.2	85	1560	< 2	62	< 2	115	1.22	116	< 5	18	< 1	13	3.81	53	41	8.78	7	2	0.07	2.16	0.067
Q620534	< 0.2	< 0.2	92	1820	< 2	56	< 2	172	2.43	68	< 5	17	< 1	10	3.89	51	53	9.62	11	3	0.07	2.39	0.053
Q620535	< 0.2	< 0.2	87	1630	< 2	96	< 2	142	1.33	178	7	42	< 1	10	4.64	86	31	7.60	5	3	0.25	2.16	0.052
Q620536	< 0.2	0.2	76	1680	< 2	50	< 2	125	2.88	79	< 5	27	< 1	8	4.71	50	44	10.4	10	3	0.17	2.66	0.035
Q620537	< 0.2	< 0.2	78	1660	< 2	50	< 2	117	3.11	74	5	23	< 1	13	5.74	48	42	10.4	10	2	0.16	2.87	0.030
Q620538	< 0.2	0.9	78	1530	2	129	4	84	1.40	791	< 5	128	< 1	< 2	1.41	31	45	6.67	3	16	0.09	2.55	0.277
Q620539	< 0.2	0.4	87	1560	< 2	49	< 2	135	3.52	75	6	17	< 1	8	4.48	48	47	10.9	10	3	0.14	3.43	0.028
Q620540	< 0.2	0.2	81	1490	< 2	48	< 2	138	3.73	67	6	17	< 1	11	4.41	47	42	11.2	11	4	0.13	3.49	0.029
Q620541	< 0.2	< 0.2	60	2290	< 2	30	< 2	92	1.00	2020	9	39	< 1	9	6.56	36	13	8.27	4	2	0.27	2.37	0.048
Q620542	0.2	< 0.2	65	2520	< 2	31	< 2	126	2.68	85	< 5	13	< 1	9	4.28	45	22	9.47	12	3	0.06	2.71	0.053
Q620543	< 0.2	< 0.2	75	2260	< 2	33	< 2	119	2.47	72	< 5	16	< 1	< 2	3.89	47	22	8.99	10	3	0.05	2.34	0.046
Q620544	< 0.2	0.3	75	2310	< 2	26	< 2	111	2.01	52	< 5	15	< 1	< 2	5.35	41	20	8.49	9	3	0.05	1.82	0.045

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
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
Q620545	< 0.2	< 0.2	64	2230	< 2	23	< 2	98	2.11	47	< 5	14	< 1	2	4.04	37	18	8.17	9	3	0.04	2.17	0.024
Q620546	< 0.2	0.3	61	2420	< 2	22	< 2	127	1.88	48	< 5	17	< 1	5	4.77	34	16	8.10	8	3	0.08	1.82	0.044
Q620547	< 0.2	< 0.2	70	2820	< 2	25	< 2	126	2.74	49	< 5	15	< 1	3	4.16	40	22	9.85	10	3	0.06	2.33	0.038
Q620548	< 0.2	< 0.2	< 1	6	< 2	< 1	< 2	< 1	0.02	< 3	< 5	12	< 1	< 2	0.01	< 1	< 2	0.04	< 1	< 1	< 0.01	< 0.01	0.012
Q620549	< 0.2	0.2	67	3120	< 2	23	< 2	130	2.45	37	< 5	14	< 1	2	5.26	38	20	9.80	10	3	0.05	1.78	0.041
Q620550	< 0.2	0.4	70	3010	< 2	21	< 2	113	2.26	22	< 5	14	< 1	2	5.87	33	20	8.79	9	4	0.05	1.83	0.046
Q620551	< 0.2	0.3	66	2750	< 2	24	< 2	121	2.70	16	< 5	11	< 1	2	4.54	35	19	9.41	10	3	0.03	2.18	0.033
Q620552	< 0.2	< 0.2	76	2990	< 2	23	< 2	123	2.75	8	< 5	11	< 1	3	4.60	37	22	9.87	11	3	0.02	2.04	0.043
Q620553	< 0.2	0.3	69	3320	< 2	25	< 2	134	2.62	11	< 5	11	< 1	3	4.46	38	23	9.45	11	3	0.02	2.31	0.049
Q620554	< 0.2	0.5	67	2890	< 2	20	< 2	138	2.41	7	< 5	10	< 1	6	5.32	29	19	8.32	10	3	0.01	1.88	0.043
Q620555	< 0.2	0.4	80	2980	< 2	25	< 2	129	2.35	16	< 5	11	< 1	< 2	4.46	38	24	8.89	11	3	< 0.01	2.04	0.040
Q620556	< 0.2	0.7	84	2590	< 2	27	< 2	108	2.39	33	< 5	10	< 1	< 2	3.40	43	26	8.34	12	4	< 0.01	2.21	0.056
Q620557	< 0.2	< 0.2	70	3320	< 2	24	< 2	101	2.26	33	< 5	9	< 1	3	4.90	37	22	9.09	10	3	< 0.01	2.01	0.050
Q620558	< 0.2	0.5	65	3620	< 2	22	< 2	79	2.17	22	< 5	10	< 1	3	6.11	31	21	9.78	9	2	< 0.01	1.41	0.038
Q620559	< 0.2	< 0.2	68	3810	< 2	19	< 2	80	1.83	30	< 5	10	< 1	3	5.39	32	21	8.97	8	3	< 0.01	1.66	0.054
Q620560	< 0.2	< 0.2	68	3460	< 2	18	< 2	92	2.03	31	< 5	10	< 1	4	5.68	32	21	9.87	9	3	< 0.01	1.72	0.046
Q620561	< 0.2	0.4	202	3510	< 2	25	< 2	107	1.18	87	< 5	52	< 1	< 2	6.06	44	21	9.82	7	2	0.09	1.80	0.080
Q620562	< 0.2	0.4	66	3680	< 2	19	< 2	89	1.28	37	< 5	25	< 1	2	5.75	30	20	9.57	7	3	0.04	1.59	0.052
Q620563	< 0.2	0.3	60	3070	< 2	18	< 2	79	1.93	30	< 5	11	< 1	3	4.72	29	22	8.60	8	3	< 0.01	1.89	0.049
Q620564	< 0.2	< 0.2	68	3690	< 2	23	< 2	85	1.49	29	< 5	10	< 1	3	5.42	31	21	8.60	8	3	< 0.01	1.87	0.052
Q620565	< 0.2	0.3	65	3260	< 2	22	< 2	81	1.88	35	< 5	30	< 1	< 2	5.08	36	22	9.36	9	3	0.08	1.91	0.070
Q620566	< 0.2	0.2	67	3210	< 2	20	< 2	81	0.96	51	< 5	54	< 1	< 2	5.59	34	17	8.67	5	3	0.19	1.90	0.069
Q620567	< 0.2	< 0.2	63	3460	< 2	18	< 2	66	0.93	39	< 5	99	< 1	< 2	5.55	30	18	8.72	5	2	0.28	1.89	0.092
Q620568	< 0.2	0.5	80	3300	< 2	21	< 2	72	1.19	40	< 5	81	< 1	< 2	5.41	34	18	8.78	7	2	0.25	1.96	0.079
Q620569	< 0.2	< 0.2	67	4210	< 2	22	< 2	88	2.54	26	< 5	85	< 1	< 2	5.89	38	20	13.4	9	2	0.26	2.10	0.070
Q620570	< 0.2	0.3	65	3820	< 2	20	< 2	64	1.78	35	< 5	115	< 1	< 2	7.43	33	19	9.01	8	2	0.21	1.91	0.069
Q620571	< 0.2	0.4	70	2810	< 2	23	< 2	67	1.82	37	< 5	71	< 1	< 2	5.32	33	25	8.46	9	3	0.27	1.93	0.100
Q620572	< 0.2	< 0.2	82	2190	< 2	25	< 2	74	1.99	52	< 5	170	< 1	< 2	5.16	42	27	8.65	9	3	0.47	1.92	0.117
Q620573	0.3	< 0.2	87	1600	3	122	5	83	1.51	899	< 5	106	< 1	< 2	1.47	29	46	6.83	3	16	0.09	2.39	0.300

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
Q620503	0.030	< 5	23.8	< 5	< 5	69	2	< 2	< 0.01	< 10	279	< 1	4	3	0.097	0.010
Q620504	0.037	< 5	25.6	< 5	< 5	90	< 1	< 2	< 0.01	< 10	363	< 1	4	3	0.145	0.030
Q620505	0.045	< 5	27.7	< 5	< 5	50	< 1	< 2	0.01	< 10	437	1	5	4	0.161	0.005
Q620506	0.043	< 5	25.8	< 5	< 5	49	3	< 2	0.01	< 10	417	1	4	3	0.193	< 0.005
Q620507	0.038	5	26.5	< 5	< 5	50	< 1	< 2	0.01	< 10	392	2	4	4	0.145	< 0.005
Q620508	0.041	< 5	24.7	< 5	< 5	58	3	< 2	< 0.01	< 10	305	< 1	5	3	0.141	0.032
Q620509	0.036	< 5	17.5	< 5	< 5	83	< 1	< 2	< 0.01	< 10	126	1	4	2	0.286	0.087
Q620510	0.041	< 5	22.0	< 5	< 5	64	8	< 2	< 0.01	< 10	224	< 1	4	3	1.15	1.47
Q620511	0.039	6	22.1	< 5	< 5	59	4	< 2	< 0.01	< 10	232	1	4	3	0.459	0.134
Q620512	0.040	< 5	26.0	< 5	< 5	63	3	< 2	< 0.01	< 10	352	< 1	4	3	0.259	< 0.005
Q620513	0.041	< 5	23.7	< 5	< 5	60	< 1	2	< 0.01	< 10	278	1	4	3	0.234	0.018
Q620514	0.181	8	5.7	< 5	5	93	< 1	< 2	0.14	< 10	90	2	9	14	2.51	5.21
Q620515	0.024	< 5	12.5	< 5	< 5	51	< 1	< 2	< 0.01	< 10	96	< 1	2	2	0.172	0.152
Q620516	0.049	5	21.1	< 5	< 5	67	< 1	< 2	< 0.01	< 10	228	1	5	3	0.152	0.057
Q620517	0.044	< 5	20.4	< 5	< 5	57	4	< 2	< 0.01	< 10	272	< 1	5	3	0.139	< 0.005
Q620518	0.043	< 5	21.2	< 5	< 5	54	3	< 2	< 0.01	< 10	241	< 1	4	3	0.172	< 0.005
Q620519	0.040	< 5	19.1	< 5	< 5	60	3	< 2	< 0.01	< 10	224	1	5	3	0.181	< 0.005
Q620520	0.043	5	20.6	< 5	< 5	55	2	< 2	< 0.01	< 10	271	< 1	5	3	0.117	0.011
Q620521	0.047	< 5	21.5	< 5	< 5	61	4	< 2	< 0.01	< 10	297	< 1	5	3	0.198	< 0.005
Q620522	0.033	< 5	19.9	< 5	< 5	82	< 1	< 2	< 0.01	< 10	160	< 1	4	3	0.243	0.062
Q620523	0.001	< 5	< 0.1	< 5	< 5	1	1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	0.022	< 0.005
Q620524	0.038	< 5	21.2	< 5	< 5	67	< 1	< 2	< 0.01	< 10	244	< 1	4	3	0.120	0.014
Q620525	0.033	< 5	19.4	< 5	< 5	82	< 1	< 2	< 0.01	< 10	161	< 1	5	3	0.339	0.086
Q620526	0.040	< 5	23.7	< 5	< 5	57	< 1	< 2	< 0.01	< 10	260	< 1	4	3	0.133	0.008
Q620527	0.043	< 5	22.4	< 5	< 5	57	5	< 2	< 0.01	< 10	229	< 1	5	3	0.170	0.034
Q620528	0.049	< 5	22.7	< 5	< 5	59	< 1	< 2	< 0.01	< 10	224	1	5	3	0.153	0.019
Q620529	0.039	< 5	23.9	< 5	< 5	52	< 1	< 2	< 0.01	< 10	272	< 1	4	3	0.150	0.008
Q620530	0.031	6	23.2	< 5	< 5	71	< 1	< 2	< 0.01	< 10	170	< 1	4	3	0.182	0.011
Q620531	0.047	< 5	18.6	< 5	< 5	68	< 1	< 2	< 0.01	< 10	151	< 1	5	3	0.233	0.044
Q620532	0.049	6	19.5	< 5	< 5	76	< 1	< 2	< 0.01	< 10	139	< 1	5	2	0.302	0.043
Q620533	0.043	6	22.6	< 5	< 5	49	5	< 2	< 0.01	< 10	251	2	5	3	0.237	0.016
Q620534	0.051	< 5	25.8	< 5	< 5	46	< 1	< 2	0.01	< 10	358	1	5	3	0.139	0.010
Q620535	0.049	< 5	14.7	< 5	< 5	55	5	< 2	< 0.01	< 10	170	2	6	3	0.164	0.020
Q620536	0.049	7	16.9	< 5	< 5	46	< 1	< 2	< 0.01	< 10	266	< 1	6	3	0.149	0.012
Q620537	0.047	< 5	17.0	< 5	< 5	63	12	< 2	< 0.01	< 10	266	2	6	3	0.332	0.026
Q620538	0.160	< 5	2.5	< 5	< 5	76	1	< 2	0.17	< 10	48	< 1	10	9	1.16	1.80
Q620539	0.050	7	17.8	< 5	< 5	57	1	< 2	< 0.01	< 10	300	1	6	3	0.192	0.014
Q620540	0.053	6	17.9	< 5	< 5	63	< 1	< 2	0.01	< 10	301	3	6	4	0.067	0.009
Q620541	0.041	< 5	12.9	< 5	< 5	105	4	< 2	< 0.01	< 10	127	1	4	3	1.22	0.187
Q620542	0.049	5	25.4	< 5	< 5	76	< 1	< 2	< 0.01	< 10	327	2	3	3	0.381	0.067
Q620543	0.048	< 5	21.8	< 5	< 5	54	< 1	< 2	0.01	< 10	313	< 1	3	3	0.143	< 0.005
Q620544	0.047	< 5	18.7	< 5	< 5	61	< 1	< 2	< 0.01	< 10	280	< 1	3	3	0.145	< 0.005

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
Q620545	0.046	< 5	16.1	< 5	< 5	51	4	< 2	< 0.01	< 10	239	< 1	3	3	0.106	< 0.005
Q620546	0.060	< 5	15.9	< 5	< 5	52	5	< 2	< 0.01	< 10	226	< 1	4	3	0.268	0.035
Q620547	0.046	< 5	18.9	< 5	< 5	43	< 1	< 2	< 0.01	< 10	298	< 1	3	3	0.100	< 0.005
Q620548	< 0.001	< 5	< 0.1	< 5	< 5	1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	0.021	< 0.005
Q620549	0.047	6	19.0	< 5	< 5	44	< 1	< 2	< 0.01	< 10	293	< 1	4	3	0.214	0.006
Q620550	0.054	< 5	19.5	< 5	< 5	49	< 1	< 2	< 0.01	< 10	294	2	4	3	0.111	< 0.005
Q620551	0.048	5	20.4	< 5	< 5	40	2	< 2	< 0.01	< 10	308	< 1	3	3	0.125	< 0.005
Q620552	0.052	< 5	21.5	< 5	< 5	37	6	< 2	< 0.01	< 10	348	< 1	4	3	0.319	< 0.005
Q620553	0.052	5	22.2	< 5	< 5	37	< 1	< 2	< 0.01	< 10	351	< 1	3	3	0.138	0.007
Q620554	0.054	5	19.8	< 5	< 5	52	< 1	< 2	< 0.01	< 10	335	< 1	4	3	0.094	< 0.005
Q620555	0.053	< 5	20.7	< 5	< 5	39	6	< 2	< 0.01	< 10	367	< 1	3	3	0.173	< 0.005
Q620556	0.053	< 5	19.1	< 5	< 5	31	5	< 2	0.01	< 10	380	< 1	4	3	0.119	< 0.005
Q620557	0.049	< 5	20.4	< 5	< 5	44	< 1	< 2	< 0.01	< 10	339	< 1	3	3	0.119	< 0.005
Q620558	0.049	< 5	21.6	< 5	< 5	51	< 1	< 2	< 0.01	< 10	337	< 1	4	3	0.265	0.005
Q620559	0.047	< 5	18.1	< 5	< 5	46	< 1	< 2	< 0.01	< 10	312	1	3	3	0.091	< 0.005
Q620560	0.051	< 5	20.6	< 5	< 5	45	< 1	< 2	< 0.01	< 10	337	< 1	4	3	0.113	< 0.005
Q620561	0.046	< 5	23.8	< 5	< 5	65	3	< 2	0.01	< 10	329	< 1	4	3	0.343	0.032
Q620562	0.048	< 5	22.6	< 5	< 5	52	< 1	< 2	0.01	< 10	304	2	3	3	0.150	< 0.005
Q620563	0.045	< 5	21.2	< 5	< 5	42	< 1	< 2	< 0.01	< 10	294	< 1	4	3	0.091	0.015
Q620564	0.055	< 5	21.5	< 5	< 5	48	2	< 2	0.02	< 10	321	< 1	3	3	0.120	< 0.005
Q620565	0.049	< 5	25.3	< 5	< 5	52	< 1	< 2	0.04	< 10	340	1	3	3	0.129	< 0.005
Q620566	0.055	< 5	24.2	< 5	< 5	65	3	< 2	0.07	< 10	278	1	3	2	0.145	0.013
Q620567	0.048	< 5	22.8	< 5	< 5	55	< 1	< 2	0.12	< 10	266	< 1	3	3	0.185	< 0.005
Q620568	0.074	< 5	23.2	< 5	< 5	55	7	< 2	0.10	< 10	281	1	4	2	0.155	0.005
Q620569	0.040	7	24.7	< 5	< 5	56	< 1	< 2	0.10	< 10	339	2	4	4	0.348	0.005
Q620570	0.043	< 5	25.2	< 5	< 5	68	< 1	< 2	0.10	< 10	329	1	6	3	0.246	< 0.005
Q620571	0.055	9	29.8	< 5	< 5	52	10	< 2	0.13	< 10	405	3	5	3	0.184	< 0.005
Q620572	0.057	< 5	32.6	< 5	< 5	49	< 1	< 2	0.12	< 10	440	< 1	4	3	0.225	0.005
Q620573	0.157	< 5	2.6	< 5	< 5	85	6	< 2	0.18	< 10	49	< 1	9	9	1.46	2.20

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
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	28.9	2.7	1090	875	15	23	635	743	0.50	386	12	453	< 1	1440	0.81	5	6	21.0	5	5	0.04	0.16	0.065
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	7.50	0.050	0.217	0.0520
GXR-1 Meas	27.3	2.2	1030	804	14	22	552	692	0.46	348	10	471	< 1	1350	0.76	6	6	20.1	3	5	0.04	0.15	0.061
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	7.50	0.050	0.217	0.0520
GXR-4 Meas	3.5	0.3	6370	141	334	39	40	72	2.64	101	< 5	66	< 1	17	0.82	14	56	2.84	8	53	1.72	1.65	0.114
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	64.5	4.01	1.66	0.564
GXR-4 Meas	3.6	0.4	6330	142	330	37	42	73	2.60	100	< 5	100	< 1	10	0.81	13	56	2.95	8	54	1.81	1.64	0.121
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	64.5	4.01	1.66	0.564
GXR-6 Meas	0.3	0.5	72	1090	3	20	93	131	6.91	254	< 5	982	< 1	< 2	0.16	14	81	5.22	16	12	1.14	0.42	0.085
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	13.9	1.87	0.609	0.104
GXR-6 Meas	0.3	< 0.2	64	1060	2	18	89	131	6.75	252	< 5	1090	< 1	4	0.15	14	81	5.18	12	11	1.16	0.40	0.080
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	13.9	1.87	0.609	0.104
OREAS203 Meas																							
OREAS203 Cert																							
OREAS203 Meas																							
OREAS203 Cert																							
OREAS203 Meas																							
OREAS203 Cert																							
OREAS203 Meas																							
OREAS203 Cert																							
SdAR-M2 (U.S.G.S.) Meas		5.1	229		14	44	806	876				123	3	< 2		13	9		2	46			
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	46.6			
OxD128 Meas																							
OxD128 Cert																							
OxD128 Meas																							
OxD128 Cert																							
OxD128 Meas																							
OxD128 Cert																							
OREAS 251 Meas																							
OREAS 251 Cert																							
Q620512 Orig																							
Q620512 Dup																							
Q620522 Orig																							
Q620522 Dup																							
Q620529 Orig	< 0.2	0.2	87	1420	< 2	45	< 2	118	1.06	73	< 5	17	< 1	4	2.94	42	32	9.99	6	3	0.06	2.46	0.054
Q620529 Dup	< 0.2	0.8	89	1460	< 2	46	< 2	121	1.10	76	< 5	18	< 1	3	3.02	45	33	10.3	6	3	0.06	2.55	0.054
Q620532 Orig																							
Q620532 Dup																							
Q620533 Orig	< 0.2	< 0.2	84	1560	< 2	61	< 2	114	1.21	116	< 5	17	< 1	11	3.78	53	41	8.68	7	3	0.07	2.15	0.067
Q620533 Dup	< 0.2	< 0.2	86	1570	< 2	62	< 2	116	1.23	116	< 5	18	< 1	15	3.84	54	41	8.88	6	2	0.07	2.18	0.067
Q620541 Orig	< 0.2	< 0.2	59	2280	< 2	30	< 2	92	1.00	2020	9	39	< 1	9	6.61	37	13	8.30	4	2	0.27	2.38	0.048

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
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
Q620541 Dup	< 0.2	< 0.2	60	2290	< 2	30	< 2	92	1.01	2020	10	40	< 1	9	6.51	36	13	8.24	5	2	0.28	2.36	0.049
Q620542 Orig																							
Q620542 Dup																							
Q620544 Orig	< 0.2	0.2	75	2350	< 2	27	< 2	112	2.04	55	< 5	15	< 1	< 2	5.45	41	21	8.65	9	3	0.05	1.86	0.048
Q620544 Dup	< 0.2	0.3	75	2270	< 2	24	< 2	111	1.97	50	< 5	15	< 1	3	5.25	40	20	8.32	9	3	0.05	1.78	0.043
Q620547 Orig	< 0.2	< 0.2	72	2840	< 2	26	< 2	126	2.76	51	< 5	15	< 1	3	4.20	39	23	9.98	10	3	0.06	2.34	0.038
Q620547 Dup	< 0.2	0.6	68	2800	< 2	25	< 2	126	2.71	47	< 5	15	< 1	2	4.13	40	21	9.73	10	3	0.06	2.31	0.038
Q620552 Orig																							
Q620552 Split PREP DUP																							
Q620555 Orig	< 0.2	0.3	78	2930	< 2	26	< 2	127	2.30	15	< 5	10	< 1	< 2	4.39	37	24	8.71	10	3	< 0.01	2.00	0.039
Q620555 Dup	< 0.2	0.6	81	3030	< 2	25	< 2	131	2.40	17	< 5	12	< 1	3	4.54	40	24	9.08	11	3	< 0.01	2.08	0.041
Q620557 Orig																							
Q620557 Dup																							
Q620567 Orig																							
Q620567 Dup																							
Q620572 Orig	< 0.2	< 0.2	84	2200	< 2	25	< 2	75	2.00	51	< 5	168	< 1	< 2	5.19	42	27	8.74	9	3	0.47	1.94	0.118
Q620572 Dup	< 0.2	< 0.2	81	2170	< 2	25	< 2	73	1.98	52	< 5	171	< 1	< 2	5.13	42	26	8.57	9	3	0.46	1.90	0.117
Method Blank	< 0.2	< 0.2	< 1	< 1	< 2	< 1	< 2	< 1	< 0.01	< 3	< 5	9	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01	0.010
Method Blank	< 0.2	< 0.2	< 1	< 1	< 2	< 1	< 2	< 1	< 0.01	< 3	< 5	8	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01	0.010
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.2	< 1	< 1	< 2	< 1	< 2	< 1	< 0.01	< 3	< 5	5	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01	0.008

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
GXR-1 Meas	0.038	83	0.9	< 5	22	162	12	< 2	< 0.01	26	85	145	16	12	0.198	
GXR-1 Cert	0.0650	122	1.58	16.6	54.0	275	13.0	0.390	0.036	34.9	80.0	164	32.0	38.0	0.257	
GXR-1 Meas	0.036	69	0.9	9	22	160	11	< 2	< 0.01	26	80	133	15	11	0.186	
GXR-1 Cert	0.0650	122	1.58	16.6	54.0	275	13.0	0.390	0.036	34.9	80.0	164	32.0	38.0	0.257	
GXR-4 Meas	0.122	< 5	5.6	< 5	< 5	73	< 1	< 2	0.14	< 10	86	15	8	6	1.70	
GXR-4 Cert	0.120	4.80	7.70	5.60	5.60	221	0.970	3.20	0.29	6.20	87.0	30.8	14.0	186	1.77	
GXR-4 Meas	0.124	< 5	5.6	< 5	< 5	75	< 1	< 2	0.14	< 10	87	14	8	7	1.79	
GXR-4 Cert	0.120	4.80	7.70	5.60	5.60	221	0.970	3.20	0.29	6.20	87.0	30.8	14.0	186	1.77	
GXR-6 Meas	0.034	< 5	17.5	< 5	< 5	33	< 1	< 2		< 10	188	2	4	10	0.015	
GXR-6 Cert	0.0350	3.60	27.6	0.940	1.70	35.0	0.0180	2.20		1.54	186	1.90	14.0	110	0.0160	
GXR-6 Meas	0.034	5	17.8	< 5	< 5	35	< 1	< 2		< 10	185	< 1	4	10	0.015	
GXR-6 Cert	0.0350	3.60	27.6	0.940	1.70	35.0	0.0180	2.20		1.54	186	1.90	14.0	110	0.0160	
OREAS203 Meas																0.887
OREAS203 Cert																0.871
OREAS203 Meas																0.888
OREAS203 Cert																0.871
OREAS203 Meas																0.887
OREAS203 Cert																0.871
OREAS203 Meas																0.906
OREAS203 Cert																0.871
SdAR-M2 (U.S.G.S.) Meas			1.6			21				< 10	19	3	11	4		
SdAR-M2 (U.S.G.S.) Cert			4.1			144				2.53	25.2	2.8	32.7	259		
OxD128 Meas																0.425
OxD128 Cert																0.424
OxD128 Meas																0.411
OxD128 Cert																0.424
OxD128 Meas																0.433
OxD128 Cert																0.424
OREAS 251 Meas																0.519
OREAS 251 Cert																0.50
Q620512 Orig																< 0.005
Q620512 Dup																< 0.005
Q620522 Orig																0.055
Q620522 Dup																0.069
Q620529 Orig	0.038	< 5	23.7	< 5	< 5	52	< 1	< 2	< 0.01	< 10	268	2	4	3	0.149	
Q620529 Dup	0.040	< 5	24.2	< 5	< 5	53	2	< 2	< 0.01	< 10	277	< 1	4	3	0.150	
Q620532 Orig																0.048
Q620532 Dup																0.038
Q620533 Orig	0.043	5	22.2	< 5	< 5	49	9	< 2	< 0.01	< 10	250	2	4	3	0.236	
Q620533 Dup	0.044	6	23.0	< 5	< 5	49	2	< 2	< 0.01	< 10	253	2	5	3	0.239	
Q620541 Orig	0.041	< 5	12.7	< 5	< 5	104	4	< 2	< 0.01	< 10	126	2	4	3	1.17	

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
Q620541 Dup	0.041	7	13.0	< 5	< 5	105	4	< 2	< 0.01	< 10	127	1	4	3	1.27	
Q620542 Orig																0.067
Q620542 Dup																0.066
Q620544 Orig	0.047	< 5	19.1	< 5	< 5	62	< 1	< 2	0.01	< 10	284	< 1	3	4	0.150	
Q620544 Dup	0.046	8	18.4	< 5	< 5	60	6	< 2	< 0.01	< 10	276	< 1	3	3	0.139	
Q620547 Orig	0.046	5	19.1	< 5	< 5	43	3	< 2	< 0.01	< 10	299	< 1	3	3	0.102	< 0.005
Q620547 Dup	0.045	< 5	18.8	< 5	< 5	43	< 1	< 2	< 0.01	< 10	297	< 1	3	3	0.098	< 0.005
Q620552 Orig																< 0.005
Q620552 Split PREP DUP																< 0.005
Q620555 Orig	0.052	< 5	20.2	< 5	< 5	38	9	< 2	< 0.01	< 10	360	< 1	3	3	0.164	
Q620555 Dup	0.054	< 5	21.1	< 5	< 5	40	4	< 2	< 0.01	< 10	374	< 1	3	3	0.182	
Q620557 Orig																< 0.005
Q620557 Dup																< 0.005
Q620567 Orig																< 0.005
Q620567 Dup																< 0.005
Q620572 Orig	0.058	< 5	32.7	< 5	< 5	50	< 1	< 2	0.12	< 10	443	1	4	3	0.228	
Q620572 Dup	0.057	< 5	32.4	< 5	< 5	49	4	< 2	0.12	< 10	436	< 1	4	3	0.222	
Method Blank	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001	
Method Blank	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001	
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001	

Quality Analysis ... *Innovative Technologies*

Date Submitted:	18-Nov-16
Invoice No.:	A16-12362
Invoice Date:	30-Nov-16
Your Reference:	Frankfield

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

ATTN: Kevin Montgomery

CERTIFICATE OF ANALYSIS

32 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E2-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A16-12362**

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:

Emmanuel Eseme , 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
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
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
Q620617	0.3	< 0.2	59	2280	< 2	28	2	70	1.73	5320	< 5	23	< 1	6	3.35	38	20	9.00	8	2	0.10	1.86	0.084
Q620618	< 0.2	< 0.2	95	1300	< 2	42	< 2	86	1.18	1660	< 5	22	< 1	6	3.12	57	19	6.27	8	3	0.12	1.75	0.122
Q620619	< 0.2	< 0.2	109	1550	< 2	60	4	54	0.62	149	< 5	21	< 1	< 2	2.73	63	22	6.92	5	3	0.10	1.45	0.099
Q620620	0.2	0.8	102	1600	< 2	30	< 2	45	0.57	969	< 5	23	< 1	3	3.65	36	20	6.71	4	3	0.11	1.44	0.120
Q620621	< 0.2	< 0.2	< 1	3	< 2	< 1	< 2	< 1	0.01	< 3	< 5	12	< 1	< 2	0.01	< 1	< 2	0.03	< 1	< 1	< 0.01	< 0.01	0.011
Q620622	< 0.2	0.6	50	1890	< 2	33	< 2	57	0.53	115	< 5	22	< 1	< 2	3.49	46	18	6.95	4	3	0.08	1.42	0.090
Q620623	< 0.2	0.5	49	1840	< 2	19	< 2	63	0.92	425	< 5	21	< 1	< 2	4.82	35	19	7.85	7	3	0.03	1.79	0.092
Q620624	< 0.2	0.7	53	1790	< 2	20	< 2	84	1.26	146	< 5	14	< 1	< 2	4.42	36	20	8.84	8	3	0.02	2.04	0.067
Q620625	0.3	0.4	74	1350	2	117	4	66	1.22	751	< 5	134	< 1	< 2	1.23	28	40	5.92	2	16	0.08	2.33	0.247
Q620626	< 0.2	0.5	67	1880	< 2	21	< 2	75	1.76	80	< 5	16	< 1	< 2	3.96	39	16	9.12	9	4	0.02	2.42	0.088
Q620627	< 0.2	0.5	80	1300	< 2	13	< 2	77	2.24	55	< 5	12	< 1	< 2	2.43	40	6	9.82	11	4	< 0.01	2.83	0.057
Q620628	< 0.2	0.7	123	1190	< 2	15	< 2	99	2.56	297	< 5	15	< 1	4	1.97	43	9	10.2	12	5	0.02	2.60	0.079
Q620629	0.4	0.4	83	1510	3	113	5	68	1.31	899	< 5	110	< 1	< 2	1.31	28	42	6.16	2	15	0.08	2.23	0.264
Q620630	0.2	0.5	69	1290	< 2	8	< 2	73	1.85	940	< 5	11	< 1	10	2.99	41	< 2	9.95	10	3	< 0.01	2.83	0.044
Q620631	< 0.2	0.5	28	898	< 2	5	< 2	77	2.06	352	< 5	13	< 1	3	2.55	36	< 2	9.10	11	4	0.01	2.44	0.077
Q620632	0.3	0.5	39	1020	< 2	10	< 2	95	1.69	948	< 5	13	< 1	5	2.27	41	5	9.70	11	3	0.01	1.99	0.069
Q620633	0.3	< 0.2	37	861	< 2	14	< 2	92	1.05	2980	< 5	16	< 1	5	2.18	37	10	9.04	8	3	0.02	1.36	0.139
Q620634	0.3	< 0.2	69	1090	< 2	19	< 2	119	0.94	7140	< 5	19	< 1	3	1.24	46	11	10.2	7	3	0.02	0.88	0.080
Q620635	0.5	< 0.2	66	1350	< 2	19	< 2	99	0.64	> 10000	< 5	23	< 1	9	2.08	40	17	10.2	5	3	0.05	0.99	0.113
Q620636	0.4	< 0.2	72	2830	< 2	27	< 2	66	0.55	2230	< 5	14	< 1	9	2.96	36	20	8.86	4	2	0.03	1.28	0.114
Q620637	0.3	0.6	60	3600	< 2	27	< 2	79	0.61	506	< 5	22	< 1	4	3.37	38	21	8.51	4	2	0.08	1.64	0.117
Q620638	< 0.2	0.6	57	3510	< 2	23	< 2	81	1.60	123	< 5	43	< 1	5	3.90	37	20	10.5	8	2	0.29	2.15	0.086
Q620639	< 0.2	1.3	58	2920	< 2	27	< 2	78	0.87	186	< 5	66	< 1	< 2	3.95	35	18	8.55	4	2	0.33	1.69	0.101
Q620640	0.3	0.9	70	3230	< 2	25	< 2	63	2.12	876	< 5	132	< 1	< 2	2.41	38	21	14.1	9	2	0.59	1.94	0.086
Q620641	0.5	< 0.2	92	2800	< 2	22	2	53	1.15	> 10000	< 5	22	< 1	< 2	1.71	43	18	11.0	6	1	0.10	1.16	0.111
Q620642	0.9	< 0.2	109	2210	< 2	34	4	31	0.55	> 10000	< 5	11	< 1	11	1.85	53	17	10.7	5	1	< 0.01	0.97	0.057
Q620643	0.3	0.8	66	1730	< 2	22	3	66	1.51	6890	< 5	11	< 1	3	1.87	47	19	8.34	8	2	0.02	1.73	0.040
Q620644	< 0.2	< 0.2	60	1930	< 2	29	< 2	70	2.28	2270	< 5	33	< 1	7	3.84	43	20	8.47	11	2	0.25	1.80	0.051
Q620645	< 0.2	0.3	60	1870	< 2	37	< 2	77	2.78	163	< 5	20	< 1	6	3.40	49	23	8.44	12	2	0.13	1.76	0.040
Q620646	< 0.2	< 0.2	< 1	3	< 2	< 1	< 2	< 1	0.01	3	< 5	11	< 1	< 2	0.01	< 1	< 2	0.03	< 1	< 1	< 0.01	< 0.01	0.010
Q620647	0.4	3.3	174	1180	< 2	63	3	281	2.68	2200	< 5	18	< 1	7	0.76	75	28	9.48	12	1	0.08	2.33	0.039
Q620648	< 0.2	2.2	55	1040	< 2	648	< 2	50	3.27	244	< 5	8	< 1	2	1.42	85	1930	5.13	6	< 1	< 0.01	6.05	0.012

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
Q620617	0.037	10	19.8	< 5	6	49	< 1	< 2	0.03	< 10	291	2	4	4	0.857	1.13
Q620618	0.054	7	20.9	< 5	< 5	58	< 1	< 2	0.01	< 10	290	1	5	3	0.670	0.176
Q620619	0.054	< 5	17.2	< 5	< 5	48	< 1	< 2	0.11	< 10	285	2	5	4	0.274	0.007
Q620620	0.051	6	17.8	< 5	< 5	65	2	< 2	0.06	< 10	225	2	5	4	1.11	0.143
Q620621	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	2	< 1	< 1	0.020	< 0.005
Q620622	0.050	< 5	17.9	< 5	< 5	61	11	< 2	0.13	< 10	260	2	4	4	0.217	0.012
Q620623	0.042	5	19.8	< 5	< 5	90	4	< 2	0.11	< 10	326	2	4	4	0.146	0.130
Q620624	0.046	6	23.8	< 5	< 5	95	< 1	< 2	0.14	< 10	347	2	6	5	0.225	0.008
Q620625	0.148	< 5	2.2	< 5	< 5	71	3	< 2	0.16	< 10	43	1	9	8	1.16	1.90
Q620626	0.043	< 5	21.2	< 5	< 5	78	5	< 2	0.15	< 10	345	< 1	5	4	0.097	0.006
Q620627	0.051	< 5	23.2	< 5	< 5	52	3	< 2	0.07	< 10	341	< 1	5	4	0.048	< 0.005
Q620628	0.050	6	25.8	< 5	< 5	42	< 1	< 2	0.06	< 10	370	1	6	4	0.051	0.007
Q620629	0.148	< 5	2.3	< 5	< 5	75	7	< 2	0.15	< 10	45	< 1	9	8	1.39	2.28
Q620630	0.055	6	22.5	< 5	< 5	56	5	< 2	0.01	< 10	309	1	6	3	0.347	0.285
Q620631	0.062	5	21.5	< 5	< 5	46	6	< 2	< 0.01	< 10	257	1	7	4	0.151	0.007
Q620632	0.060	6	24.3	< 5	< 5	47	6	< 2	< 0.01	< 10	346	< 1	6	6	0.722	0.011
Q620633	0.051	9	23.2	< 5	< 5	45	< 1	< 2	< 0.01	< 10	310	2	6	5	1.35	0.503
Q620634	0.054	12	27.7	< 5	< 5	25	1	< 2	< 0.01	< 10	347	4	6	4	1.90	1.06
Q620635	0.046	25	24.3	7	< 5	38	5	< 2	< 0.01	< 10	258	6	6	6	2.41	2.11
Q620636	0.047	10	18.9	< 5	< 5	48	< 1	< 2	< 0.01	< 10	275	2	4	3	2.94	0.461
Q620637	0.052	6	19.1	< 5	< 5	47	2	< 2	0.04	< 10	323	2	4	3	1.81	0.079
Q620638	0.042	6	25.2	< 5	< 5	52	< 1	< 2	0.12	< 10	355	5	3	3	0.800	0.087
Q620639	0.042	< 5	22.5	< 5	< 5	48	2	< 2	0.12	< 10	330	22	4	3	0.488	0.063
Q620640	0.047	8	27.0	< 5	< 5	35	2	< 2	0.08	< 10	363	9	3	4	1.19	0.087
Q620641	0.044	33	17.4	< 5	< 5	20	4	< 2	0.03	< 10	264	9	3	4	3.99	0.866
Q620642	0.049	81	13.4	< 5	< 5	22	< 1	< 2	< 0.01	< 10	263	2	3	3	6.81	5.97
Q620643	0.054	20	21.8	< 5	< 5	23	< 1	< 2	0.03	< 10	371	2	4	3	2.82	0.864
Q620644	0.050	9	28.1	< 5	< 5	26	2	< 2	0.05	< 10	427	4	5	3	0.981	0.354
Q620645	0.050	< 5	30.9	< 5	< 5	24	3	< 2	0.10	< 10	450	8	5	3	0.364	0.012
Q620646	< 0.001	< 5	< 0.1	< 5	< 5	< 1	2	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	0.022	< 0.005
Q620647	0.058	6	27.6	< 5	< 5	8	< 1	< 2	0.04	< 10	482	11	5	3	3.54	0.508
Q620648	0.011	17	16.2	45	< 5	22	3	< 2	0.07	< 10	146	2	3	2	0.050	0.006

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
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	26.7	2.8	1010	894	14	24	547	583	0.45	356	5	470	< 1	1390	0.74	8	9	18.7	5	4	0.04	0.14	0.060
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	7.50	0.050	0.217	0.0520
GXR-4 Meas	3.5	0.6	6370	142	328	38	45	63	2.61	105	< 5	98	< 1	15	0.81	13	55	2.81	8	52	1.72	1.61	0.114
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	64.5	4.01	1.66	0.564
GXR-6 Meas	0.3	0.4	65	1080	< 2	18	86	110	6.73	269	< 5	1160	< 1	< 2	0.15	13	80	5.14	12	11	1.12	0.40	0.083
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	13.9	1.87	0.609	0.104
OREAS203 Meas																							
OREAS203 Cert																							
OREAS 251 Meas																							
OREAS 251 Cert																							
Q620619 Orig	< 0.2	< 0.2	107	1520	< 2	58	4	54	0.60	145	< 5	20	< 1	< 2	2.67	62	22	6.76	5	3	0.10	1.41	0.096
Q620619 Dup	< 0.2	0.4	110	1580	< 2	61	4	54	0.63	152	< 5	21	< 1	< 2	2.79	65	23	7.08	5	3	0.10	1.49	0.101
Q620626 Orig																							
Q620626 Dup																							
Q620627 Orig	< 0.2	0.5	81	1320	< 2	12	< 2	77	2.27	54	< 5	13	< 1	< 2	2.45	40	6	9.94	11	4	< 0.01	2.86	0.058
Q620627 Dup	< 0.2	0.4	79	1290	< 2	14	< 2	78	2.21	55	< 5	11	< 1	2	2.40	40	6	9.70	10	4	< 0.01	2.80	0.057
Q620636 Orig																							
Q620636 Dup																							
Q620646 Orig																							
Q620646 Dup																							
Q620647 Orig																							
Q620647 Split PREP DUP																							
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.2	< 1	< 1	< 2	< 1	< 2	< 1	< 0.01	< 3	< 5	9	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01	0.010
Method Blank	< 0.2	< 0.2	< 1	< 1	< 2	2	< 2	< 1	< 0.01	< 3	< 5	8	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01	0.009

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
GXR-1 Meas	0.034	69	0.9	10	21	148	13	< 2	< 0.01	26	78	123	15	11	0.183	
GXR-1 Cert	0.0650	122	1.58	16.6	54.0	275	13.0	0.390	0.036	34.9	80.0	164	32.0	38.0	0.257	
GXR-4 Meas	0.123	5	5.6	< 5	< 5	73	< 1	< 2	0.14	< 10	85	14	8	6	1.74	
GXR-4 Cert	0.120	4.80	7.70	5.60	5.60	221	0.970	3.20	0.29	6.20	87.0	30.8	14.0	186	1.77	
GXR-6 Meas	0.033	6	17.4	< 5	< 5	33	< 1	< 2		< 10	185	1	4	11	0.014	
GXR-6 Cert	0.0350	3.60	27.6	0.940	1.70	35.0	0.0180	2.20		1.54	186	1.90	14.0	110	0.0160	
OREAS203 Meas																0.896
OREAS203 Cert																0.871
OREAS 251 Meas																0.513
OREAS 251 Cert																0.50
Q620619 Orig	0.053	< 5	16.8	< 5	< 5	47	< 1	< 2	0.11	< 10	277	2	5	4	0.268	
Q620619 Dup	0.055	5	17.7	< 5	< 5	49	6	< 2	0.11	< 10	293	2	6	4	0.279	
Q620626 Orig																0.006
Q620626 Dup																0.006
Q620627 Orig	0.051	< 5	23.8	< 5	< 5	53	2	< 2	0.06	< 10	346	< 1	5	4	0.048	
Q620627 Dup	0.050	< 5	22.7	< 5	< 5	52	5	< 2	0.07	< 10	337	2	5	4	0.047	
Q620636 Orig																0.468
Q620636 Dup																0.455
Q620646 Orig																< 0.005
Q620646 Dup																< 0.005
Q620647 Orig																0.508
Q620647 Split PREP DUP																0.569
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001	
Method Blank	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001	

Quality Analysis ... *Innovative Technologies*

Date Submitted:	18-Nov-16
Invoice No.:	A16-12363
Invoice Date:	01-Dec-16
Your Reference:	Frankfield

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

ATTN: Kevin Montgomery

CERTIFICATE OF ANALYSIS

43 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E2-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A16-12363**

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:

Emmanuel Eseme , 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
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
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
Q620574	0.6	0.3	60	2030	< 2	60	< 2	81	0.84	324	5	40	< 1	12	2.66	62	46	11.0	5	4	0.09	0.77	0.055
Q620575	< 0.2	0.5	94	1570	< 2	102	< 2	115	0.25	236	6	46	< 1	6	3.56	102	15	6.66	2	3	0.11	1.73	0.043
Q620576	< 0.2	0.3	100	1500	< 2	81	< 2	117	0.59	174	9	49	< 1	7	2.71	82	29	6.70	4	4	0.09	1.07	0.056
Q620577	< 0.2	0.2	69	1720	< 2	50	< 2	91	0.66	110	7	34	< 1	9	3.32	54	28	7.04	4	3	0.05	1.68	0.050
Q620578	< 0.2	0.3	78	1950	< 2	40	< 2	100	0.25	126	< 5	58	< 1	6	4.16	46	11	8.61	2	2	0.10	2.02	0.039
Q620579	< 0.2	0.3	97	1630	< 2	53	2	128	0.33	210	< 5	45	< 1	8	3.38	51	16	7.15	2	3	0.08	1.33	0.046
Q620580	< 0.2	0.6	104	1820	< 2	33	2	140	0.51	91	< 5	26	< 1	6	3.64	42	20	8.71	4	3	0.05	1.93	0.046
Q620581	< 0.2	0.4	105	1920	< 2	31	3	184	0.35	136	< 5	17	< 1	7	5.04	39	16	7.76	3	2	0.02	1.83	0.046
Q620582	< 0.2	0.5	63	2140	< 2	27	< 2	92	0.57	64	< 5	24	< 1	10	4.33	42	14	8.62	4	3	0.05	1.89	0.045
Q620583	< 0.2	0.3	55	1880	< 2	23	< 2	134	1.44	57	< 5	24	< 1	10	3.61	34	18	6.87	7	3	0.05	1.90	0.053
Q620584	< 0.2	0.3	76	2120	< 2	31	< 2	122	3.07	5	< 5	12	< 1	3	4.01	41	26	8.77	13	2	< 0.01	2.29	0.046
Q620585	< 0.2	0.3	76	2700	< 2	26	< 2	103	3.42	3	< 5	68	< 1	5	5.84	35	23	9.15	12	2	< 0.01	2.24	0.032
Q620586	< 0.2	0.4	72	2630	< 2	24	< 2	94	3.40	< 3	< 5	16	< 1	5	4.99	34	24	8.65	12	2	< 0.01	2.18	0.034
Q620587	< 0.2	0.4	81	2610	< 2	26	< 2	93	2.69	6	< 5	26	< 1	5	4.72	32	25	7.61	11	3	0.03	2.04	0.038
Q620588	< 0.2	0.4	81	2250	< 2	25	< 2	84	2.32	23	< 5	33	< 1	9	4.39	35	24	6.96	9	3	0.06	2.09	0.042
Q620589	< 0.2	0.3	75	2030	< 2	41	< 2	78	2.31	49	< 5	18	< 1	6	6.04	51	25	6.48	9	2	0.01	1.86	0.035
Q620590	< 0.2	0.4	75	1720	< 2	50	< 2	138	2.47	184	< 5	21	< 1	5	2.93	65	28	7.88	12	3	0.03	1.74	0.042
Q620591	< 0.2	0.4	73	1740	< 2	31	< 2	125	3.13	26	< 5	12	< 1	3	3.92	45	22	8.69	13	3	< 0.01	1.87	0.039
Q620592	< 0.2	0.4	73	1920	< 2	40	< 2	124	3.25	44	< 5	12	< 1	4	3.54	50	23	8.56	12	3	< 0.01	2.34	0.036
Q620593	< 0.2	0.3	77	2020	< 2	28	< 2	99	3.39	40	6	12	< 1	6	3.64	37	22	9.12	12	3	< 0.01	2.68	0.032
Q620594	< 0.2	0.3	76	2130	< 2	31	< 2	126	2.48	64	10	14	< 1	2	4.10	43	21	7.45	11	3	< 0.01	2.43	0.042
Q620595	< 0.2	0.3	90	2360	< 2	32	< 2	112	2.38	144	< 5	23	< 1	2	3.93	46	25	8.52	11	2	0.04	2.38	0.044
Q620596	< 0.2	0.6	112	2580	< 2	32	< 2	147	2.14	339	< 5	23	< 1	< 2	3.66	46	26	8.44	11	2	0.04	2.42	0.037
Q620597	0.2	< 0.2	75	2460	< 2	25	< 2	42	0.77	4820	< 5	26	< 1	7	3.82	29	15	7.12	5	1	0.04	1.60	0.039
Q620598	< 0.2	< 0.2	< 1	3	< 2	< 1	< 2	< 1	0.01	4	< 5	13	< 1	< 2	0.01	< 1	< 2	0.03	< 1	< 1	< 0.01	< 0.01	0.012
Q620599	0.3	0.3	38	910	< 2	10	< 2	35	0.84	> 10000	< 5	13	< 1	2	1.25	18	13	5.94	5	1	< 0.01	0.73	0.036
Q620600	< 0.2	0.5	67	2910	< 2	22	< 2	66	1.82	139	< 5	13	< 1	3	4.91	37	23	9.08	10	2	< 0.01	2.00	0.044
Q620601	1.2	< 0.2	147	2910	3	92	7	75	2.17	3500	< 5	71	< 1	5	2.87	27	66	8.43	5	11	0.12	2.32	0.176
Q620602	< 0.2	0.5	77	2610	< 2	24	< 2	59	1.98	126	< 5	12	< 1	< 2	4.43	37	24	8.51	10	3	< 0.01	2.03	0.047
Q620603	< 0.2	0.5	72	2630	< 2	30	< 2	54	1.97	63	< 5	13	< 1	4	5.67	37	26	7.91	10	3	< 0.01	1.98	0.044
Q620604	< 0.2	0.4	73	2780	< 2	28	< 2	51	1.92	57	< 5	11	< 1	7	5.93	35	28	6.95	10	3	< 0.01	1.96	0.042
Q620605	< 0.2	0.3	83	2670	< 2	37	< 2	70	2.61	58	< 5	12	< 1	4	4.64	40	32	8.27	12	3	< 0.01	2.28	0.040
Q620606	< 0.2	0.4	68	2560	< 2	28	< 2	67	2.69	30	< 5	40	< 1	< 2	7.30	34	24	7.51	11	2	< 0.01	1.73	0.031
Q620607	< 0.2	0.5	66	2450	< 2	23	< 2	64	2.79	21	< 5	11	< 1	< 2	6.99	30	23	7.09	11	2	< 0.01	1.87	0.029
Q620608	< 0.2	0.4	66	2020	< 2	37	< 2	97	3.15	51	< 5	8	< 1	3	3.58	48	21	7.94	13	3	< 0.01	2.03	0.041
Q620609	< 0.2	0.3	59	1510	< 2	30	< 2	67	2.66	33	< 5	10	< 1	< 2	4.32	44	23	7.49	12	3	< 0.01	1.50	0.035
Q620610	< 0.2	0.5	87	1500	< 2	48	< 2	85	3.27	30	< 5	8	< 1	2	3.79	51	40	8.11	13	3	< 0.01	2.42	0.032
Q620611	< 0.2	0.3	96	1360	< 2	38	< 2	106	3.62	< 3	< 5	10	< 1	< 2	4.42	46	22	9.62	13	3	0.03	2.58	0.031
Q620612	< 0.2	0.5	93	1390	< 2	40	< 2	109	3.24	3	< 5	15	< 1	< 2	4.44	47	20	8.83	13	4	0.08	2.21	0.043
Q620613	< 0.2	0.5	52	1500	< 2	27	< 2	116	2.84	< 3	< 5	39	< 1	< 2	3.63	42	6	9.20	12	5	0.33	1.94	0.074
Q620614	< 0.2	0.5	55	1860	< 2	20	< 2	131	3.35	< 3	< 5	106	< 1	< 2	2.37	44	7	10.9	13	5	0.27	2.35	0.056
Q620615	< 0.2	0.4	66	1710	< 2	41	< 2	128	3.22	14	< 5	179	< 1	< 2	0.69	58	17	10.4	13	4	0.24	2.07	0.059

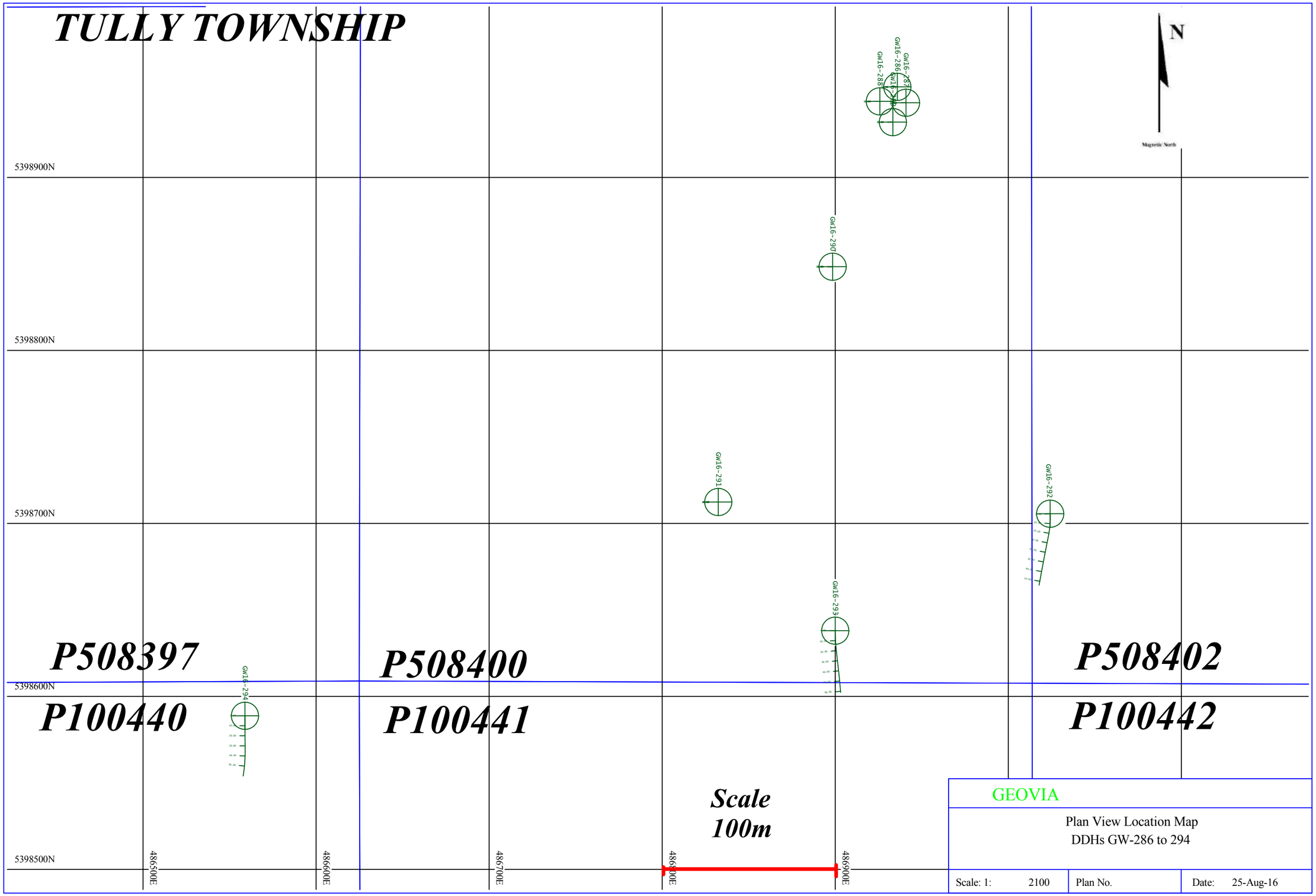
Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	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
Q620616	< 0.2	1.1	84	1370	< 2	165	< 2	162	4.28	12	< 5	16	< 1	< 2	0.56	52	399	8.97	12	3	< 0.01	4.44	0.017

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
Q620574	0.035	6	22.7	< 5	< 5	22	3	< 2	< 0.01	< 10	242	2	4	4	0.075	0.035
Q620575	0.055	6	12.2	< 5	< 5	50	5	< 2	< 0.01	< 10	69	< 1	5	2	0.263	0.033
Q620576	0.058	5	12.1	< 5	< 5	25	6	< 2	< 0.01	< 10	148	1	6	3	0.108	0.014
Q620577	0.043	< 5	11.5	< 5	< 5	47	2	< 2	< 0.01	< 10	144	< 1	4	3	0.181	0.030
Q620578	0.035	< 5	13.1	< 5	< 5	56	< 1	< 2	< 0.01	< 10	68	1	4	3	0.235	0.212
Q620579	0.040	< 5	14.1	< 5	< 5	46	4	< 2	< 0.01	< 10	108	1	4	3	0.195	0.081
Q620580	0.050	5	17.4	< 5	< 5	53	< 1	< 2	< 0.01	< 10	199	< 1	4	3	0.190	0.020
Q620581	0.043	< 5	17.2	< 5	< 5	75	< 1	< 2	< 0.01	< 10	140	1	4	3	0.566	0.279
Q620582	0.050	< 5	18.6	< 5	< 5	60	< 1	< 2	< 0.01	< 10	173	1	5	3	0.275	0.017
Q620583	0.060	< 5	22.5	< 5	< 5	38	< 1	< 2	0.01	< 10	235	< 1	5	3	0.115	0.017
Q620584	0.054	< 5	30.0	< 5	< 5	39	1	< 2	0.03	< 10	408	< 1	4	4	0.154	0.017
Q620585	0.048	< 5	28.0	< 5	< 5	55	4	< 2	0.08	< 10	384	2	6	4	0.152	< 0.005
Q620586	0.056	< 5	26.6	< 5	< 5	44	2	< 2	0.10	< 10	380	1	6	4	0.140	< 0.005
Q620587	0.055	6	22.2	< 5	< 5	48	< 1	< 2	0.07	< 10	347	1	6	3	0.242	< 0.005
Q620588	0.060	< 5	19.8	< 5	< 5	48	4	< 2	0.03	< 10	318	2	6	3	0.131	0.008
Q620589	0.050	< 5	20.2	< 5	< 5	57	7	< 2	0.03	< 10	341	< 1	6	3	0.204	< 0.005
Q620590	0.063	< 5	23.1	< 5	< 5	36	< 1	< 2	0.08	< 10	387	2	6	4	0.245	< 0.005
Q620591	0.057	< 5	28.1	< 5	< 5	48	9	< 2	0.13	< 10	423	2	6	4	0.271	0.006
Q620592	0.057	< 5	22.3	< 5	< 5	43	< 1	< 2	0.07	< 10	376	< 1	6	4	0.134	< 0.005
Q620593	0.051	< 5	21.7	< 5	< 5	47	< 1	< 2	0.04	< 10	362	< 1	4	4	0.149	< 0.005
Q620594	0.051	< 5	19.7	< 5	< 5	50	2	< 2	0.03	< 10	349	< 1	4	4	0.163	< 0.005
Q620595	0.061	< 5	21.2	< 5	< 5	52	1	< 2	0.08	< 10	412	2	4	3	0.717	0.022
Q620596	0.062	5	21.8	< 5	< 5	53	< 1	< 2	0.07	< 10	409	2	4	3	0.767	0.058
Q620597	0.062	9	14.2	< 5	9	66	< 1	< 2	< 0.01	< 10	236	1	4	2	2.14	1.13
Q620598	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	1	< 1	< 1	0.021	< 0.005
Q620599	0.025	24	10.5	< 5	< 5	23	< 1	< 2	< 0.01	< 10	158	< 1	2	2	1.24	6.73
Q620600	0.054	6	22.1	< 5	< 5	69	< 1	< 2	0.09	< 10	376	2	4	3	0.432	0.024
Q620601	0.185	11	5.7	< 5	< 5	92	< 1	< 2	0.13	< 10	91	1	9	14	2.59	5.66
Q620602	0.053	7	23.3	< 5	< 5	58	< 1	< 2	0.09	< 10	402	1	4	4	0.163	0.009
Q620603	0.055	6	20.5	< 5	< 5	78	< 1	< 2	0.11	< 10	378	2	5	3	0.150	< 0.005
Q620604	0.052	< 5	19.8	< 5	< 5	63	< 1	< 2	0.08	< 10	372	1	6	3	0.132	< 0.005
Q620605	0.061	< 5	27.5	< 5	< 5	52	< 1	< 2	0.10	< 10	416	1	4	3	0.134	< 0.005
Q620606	0.045	5	23.6	< 5	< 5	89	4	< 2	0.11	< 10	341	< 1	6	3	0.173	< 0.005
Q620607	0.044	< 5	24.0	< 5	< 5	104	3	< 2	0.11	< 10	348	2	5	3	0.127	< 0.005
Q620608	0.060	< 5	29.7	< 5	< 5	42	2	< 2	0.13	< 10	448	2	6	5	0.145	< 0.005
Q620609	0.057	< 5	30.0	< 5	< 5	59	< 1	< 2	0.14	< 10	437	< 1	6	4	0.273	0.007
Q620610	0.054	< 5	29.2	< 5	< 5	44	3	< 2	0.12	< 10	467	< 1	7	4	0.114	< 0.005
Q620611	0.050	< 5	32.0	< 5	< 5	35	3	< 2	0.15	< 10	525	< 1	12	4	0.239	< 0.005
Q620612	0.050	< 5	31.5	< 5	< 5	34	5	< 2	0.23	< 10	530	2	16	4	0.125	< 0.005
Q620613	0.063	< 5	29.5	< 5	< 5	23	6	< 2	0.39	< 10	392	< 1	17	7	0.152	< 0.005
Q620614	0.063	6	28.0	< 5	< 5	17	1	< 2	0.51	< 10	398	2	17	8	0.123	< 0.005
Q620615	0.064	< 5	28.5	< 5	< 5	7	10	< 2	0.52	< 10	446	2	16	10	0.509	< 0.005

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
Q620616	0.046	< 5	22.9	13	< 5	2	13	< 2	0.44	< 10	331	2	14	7	0.350	< 0.005

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg	Na
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%
Lower Limit	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01	0.001
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	26.7	2.8	1010	894	14	24	547	583	0.45	356	5	470	< 1	1390	0.74	8	9	18.7	5	4	0.04	0.14	0.060
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	7.50	0.050	0.217	0.0520
GXR-4 Meas	3.5	0.6	6370	142	328	38	45	63	2.61	105	< 5	98	< 1	15	0.81	13	55	2.81	8	52	1.72	1.61	0.114
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	64.5	4.01	1.66	0.564
GXR-6 Meas	0.3	0.4	65	1080	< 2	18	86	110	6.73	269	< 5	1160	< 1	< 2	0.15	13	80	5.14	12	11	1.12	0.40	0.083
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	13.9	1.87	0.609	0.104
OREAS203 Meas																							
OREAS203 Cert																							
OREAS203 Meas																							
OREAS203 Cert																							
OREAS203 Meas																							
OREAS203 Cert																							
OREAS 251 Meas																							
OREAS 251 Cert																							
OREAS 251 Meas																							
OREAS 251 Cert																							
OREAS 251 Meas																							
OREAS 251 Cert																							
Q620578 Orig	0.2	0.3	77	1960	< 2	41	< 2	100	0.25	124	< 5	58	< 1	4	4.17	46	11	8.62	1	2	0.10	2.02	0.038
Q620578 Dup	< 0.2	0.2	79	1940	< 2	39	< 2	99	0.25	128	< 5	58	< 1	8	4.15	45	11	8.60	2	2	0.10	2.01	0.039
Q620592 Orig	6.6	0.4	73	1950	< 2	40	< 2	126	3.25	47	< 5	12	< 1	4	3.61	51	23	8.73	13	4	< 0.01	2.40	0.038
Q620592 Dup	< 0.2	0.4	74	1880	< 2	40	< 2	121	3.24	41	< 5	11	< 1	5	3.48	48	22	8.38	12	3	< 0.01	2.29	0.035
Q620593 Orig																							
Q620593 Dup																							
Q620603 Orig																							
Q620603 Split PREP DUP																							
Q620603 Orig																							
Q620603 Dup																							
Q620604 Orig	< 0.2	0.4	72	2730	< 2	30	< 2	50	1.90	56	< 5	11	< 1	5	5.83	35	28	6.84	9	3	< 0.01	1.93	0.041
Q620604 Dup	< 0.2	0.5	73	2820	< 2	27	< 2	52	1.95	58	< 5	11	< 1	8	6.02	36	29	7.06	10	3	< 0.01	1.99	0.043
Q620607 Orig	< 0.2	0.4	66	2460	< 2	23	< 2	65	2.79	20	< 5	11	< 1	5	6.98	30	23	7.09	11	2	< 0.01	1.87	0.029
Q620607 Dup	< 0.2	0.5	66	2450	< 2	24	< 2	64	2.79	22	< 5	11	< 1	< 2	6.99	30	22	7.08	11	2	< 0.01	1.88	0.029
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.2	< 1	< 1	< 2	< 1	< 2	< 1	< 0.01	< 3	< 5	9	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01	0.010
Method Blank	< 0.2	< 0.2	< 1	< 1	< 2	2	< 2	< 1	< 0.01	< 3	< 5	8	< 1	< 2	< 0.01	< 1	< 2	< 0.01	< 1	< 1	< 0.01	< 0.01	0.009
Method Blank																							
Method Blank																							

Analyte Symbol	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S	Au
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g/mt
Lower Limit	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001	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	AR-ICP	FA-AA
GXR-1 Meas	0.034	69	0.9	10	21	148	13	< 2	< 0.01	26	78	123	15	11	0.183	
GXR-1 Cert	0.0650	122	1.58	16.6	54.0	275	13.0	0.390	0.036	34.9	80.0	164	32.0	38.0	0.257	
GXR-4 Meas	0.123	5	5.6	< 5	< 5	73	< 1	< 2	0.14	< 10	85	14	8	6	1.74	
GXR-4 Cert	0.120	4.80	7.70	5.60	5.60	221	0.970	3.20	0.29	6.20	87.0	30.8	14.0	186	1.77	
GXR-6 Meas	0.033	6	17.4	< 5	< 5	33	< 1	< 2		< 10	185	1	4	11	0.014	
GXR-6 Cert	0.0350	3.60	27.6	0.940	1.70	35.0	0.0180	2.20		1.54	186	1.90	14.0	110	0.0160	
OREAS203 Meas																0.907
OREAS203 Cert																0.871
OREAS203 Meas																0.890
OREAS203 Cert																0.871
OREAS203 Meas																0.885
OREAS203 Cert																0.871
OREAS 251 Meas																0.527
OREAS 251 Cert																0.50
OREAS 251 Meas																0.518
OREAS 251 Cert																0.50
OREAS 251 Meas																0.504
OREAS 251 Cert																0.50
Q620578 Orig	0.035	< 5	13.0	< 5	< 5	57	< 1	< 2	< 0.01	< 10	68	1	4	3	0.231	
Q620578 Dup	0.035	6	13.2	< 5	< 5	56	4	< 2	< 0.01	< 10	68	1	4	3	0.238	
Q620592 Orig	0.058	< 5	22.5	< 5	< 5	44	< 1	< 2	0.07	< 10	378	2	6	4	0.136	
Q620592 Dup	0.056	5	22.2	< 5	< 5	42	< 1	< 2	0.06	< 10	374	< 1	6	3	0.132	
Q620593 Orig																< 0.005
Q620593 Dup																< 0.005
Q620603 Orig																< 0.005
Q620603 Split PREP DUP																< 0.005
Q620603 Orig																< 0.005
Q620603 Dup																< 0.005
Q620604 Orig	0.052	5	19.5	< 5	< 5	62	10	< 2	0.08	< 10	368	1	6	3	0.128	
Q620604 Dup	0.053	< 5	20.1	< 5	< 5	65	< 1	< 2	0.09	< 10	376	1	7	3	0.136	
Q620607 Orig	0.044	< 5	23.8	< 5	< 5	104	4	< 2	0.12	< 10	350	1	5	3	0.126	
Q620607 Dup	0.044	< 5	24.2	< 5	< 5	103	1	< 2	0.10	< 10	346	2	5	3	0.129	
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank																< 0.005
Method Blank	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001	
Method Blank	< 0.001	< 5	< 0.1	< 5	< 5	< 1	< 1	< 2	< 0.01	< 10	< 1	< 1	< 1	< 1	< 0.001	
Method Blank																< 0.005
Method Blank																< 0.005



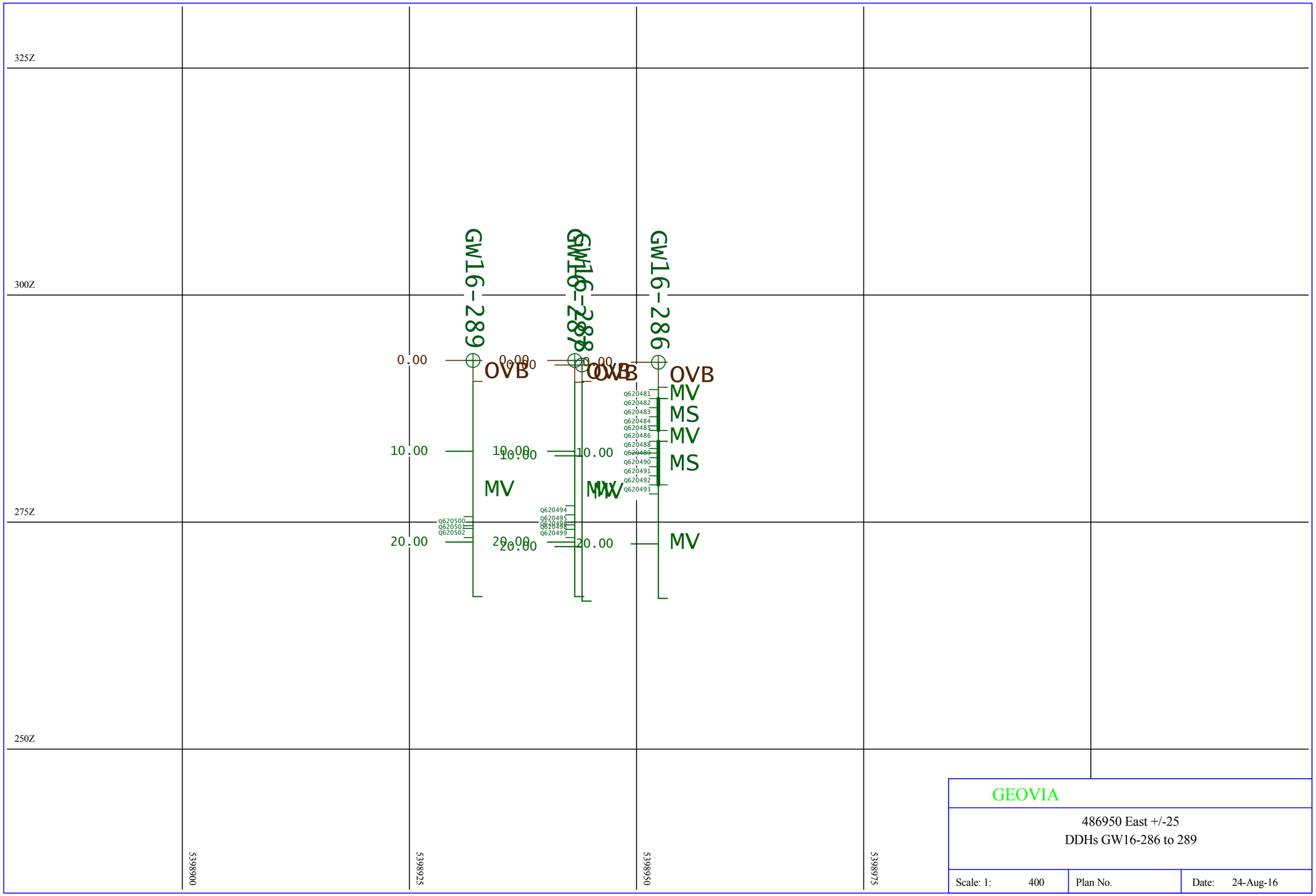
GEOVIA

Plan View Location Map
DDHs GW-286 to 294

Scale: 1: 2100	Plan No.	Date: 25-Aug-16

claim_fabric_str

SURPAC - GEOVIA



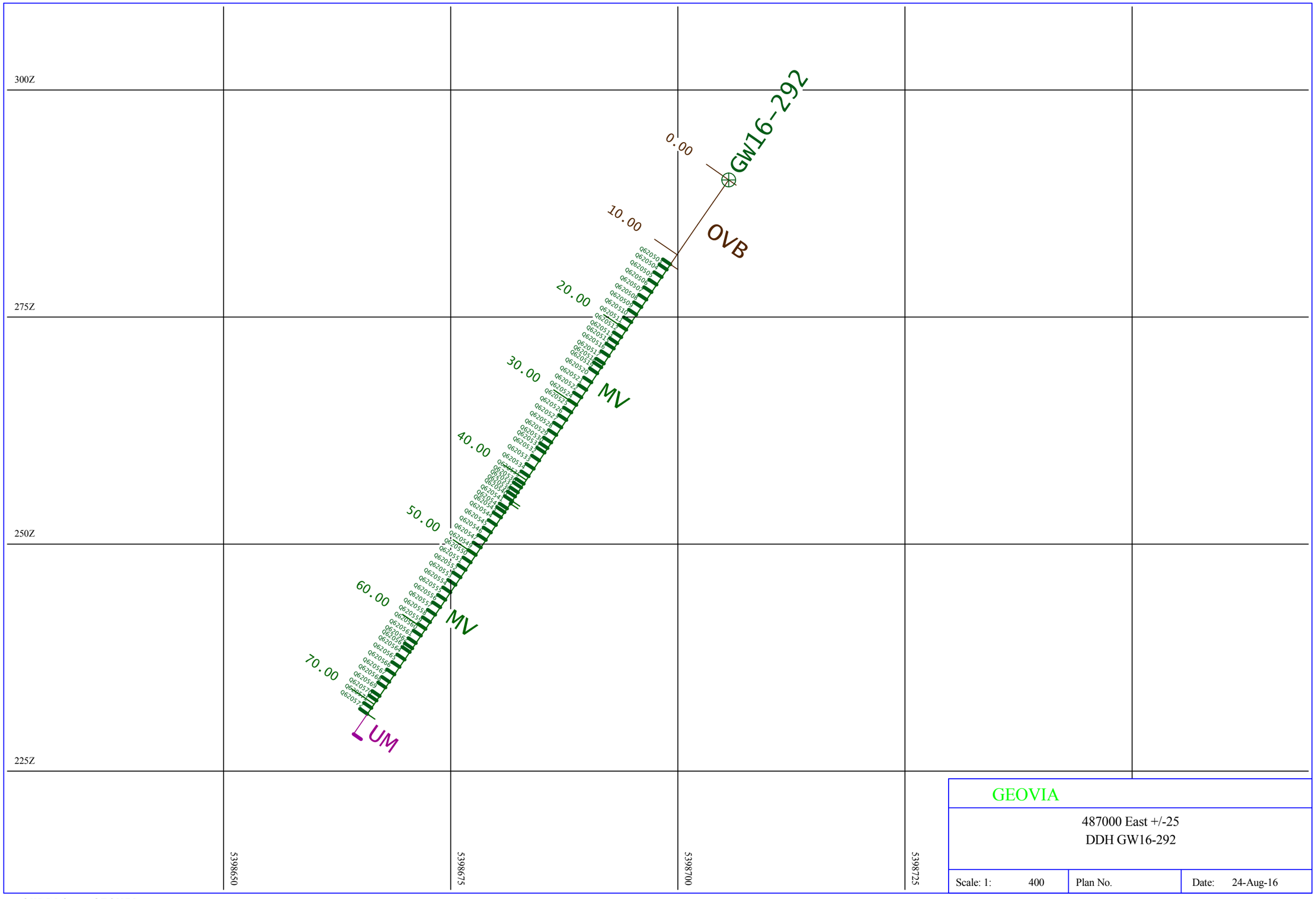
GEOVIA

486950 East +/-25

DDHs GW16-286 to 289

Scale: 1: 400	Plan No.	Date: 24-Aug-16

SURPAC - GEOVIA



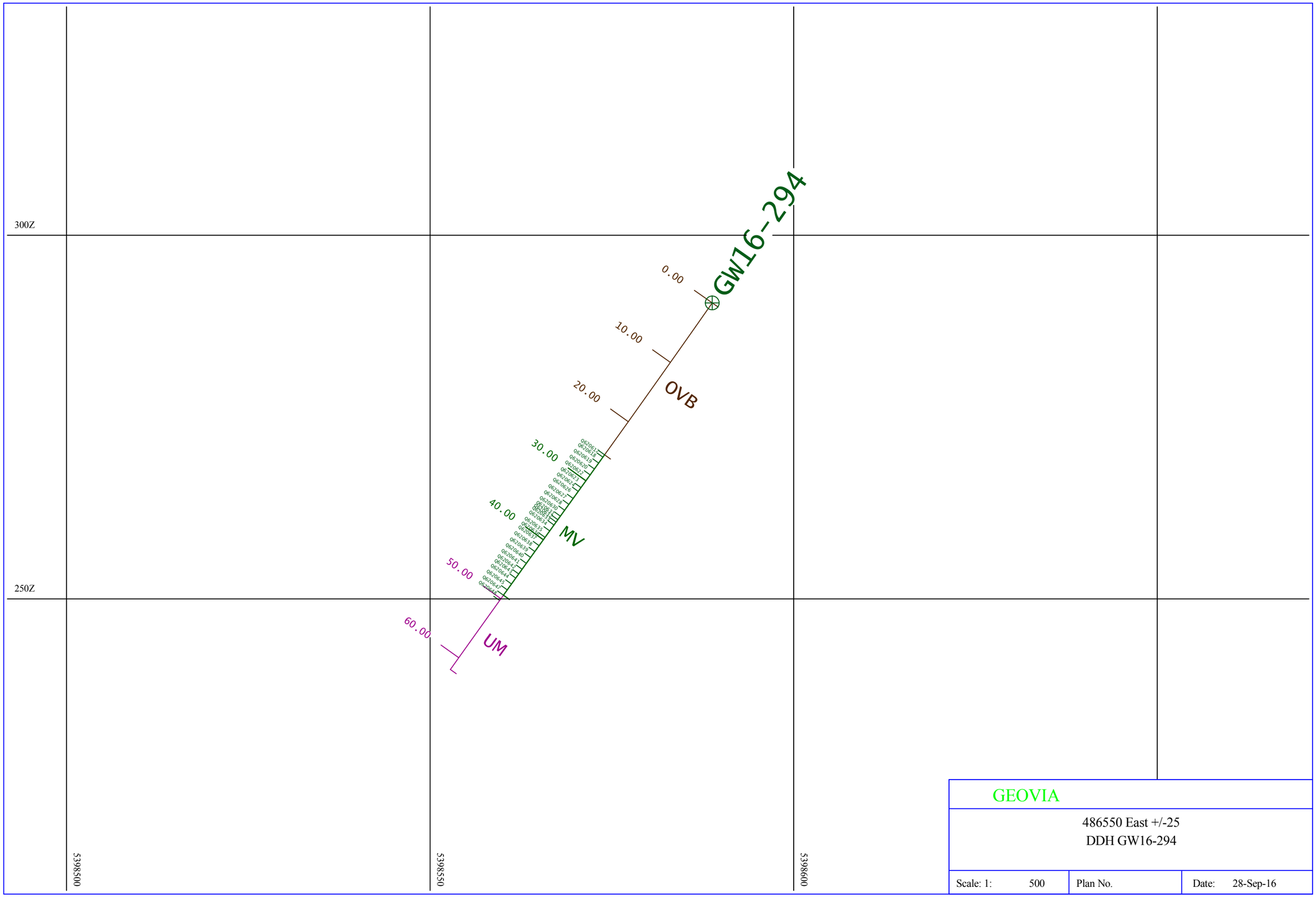
GEOVIA

487000 East +/-25
DDH GW16-292

Scale: 1: 400	Plan No.	Date: 24-Aug-16

main_graphics_layer_04

SURPAC - GEOVIA

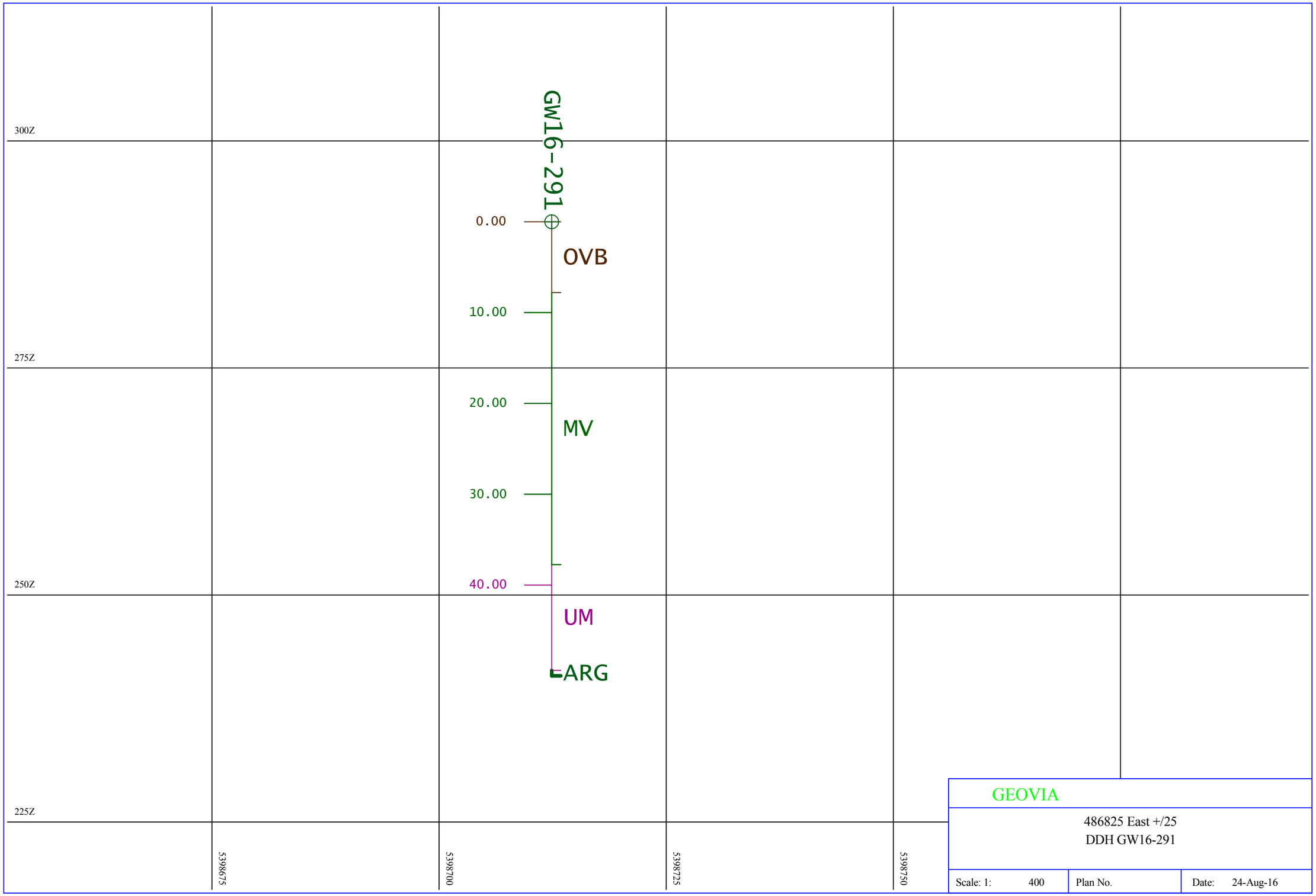


GEOVIA

486550 East +/-25
DDH GW16-294

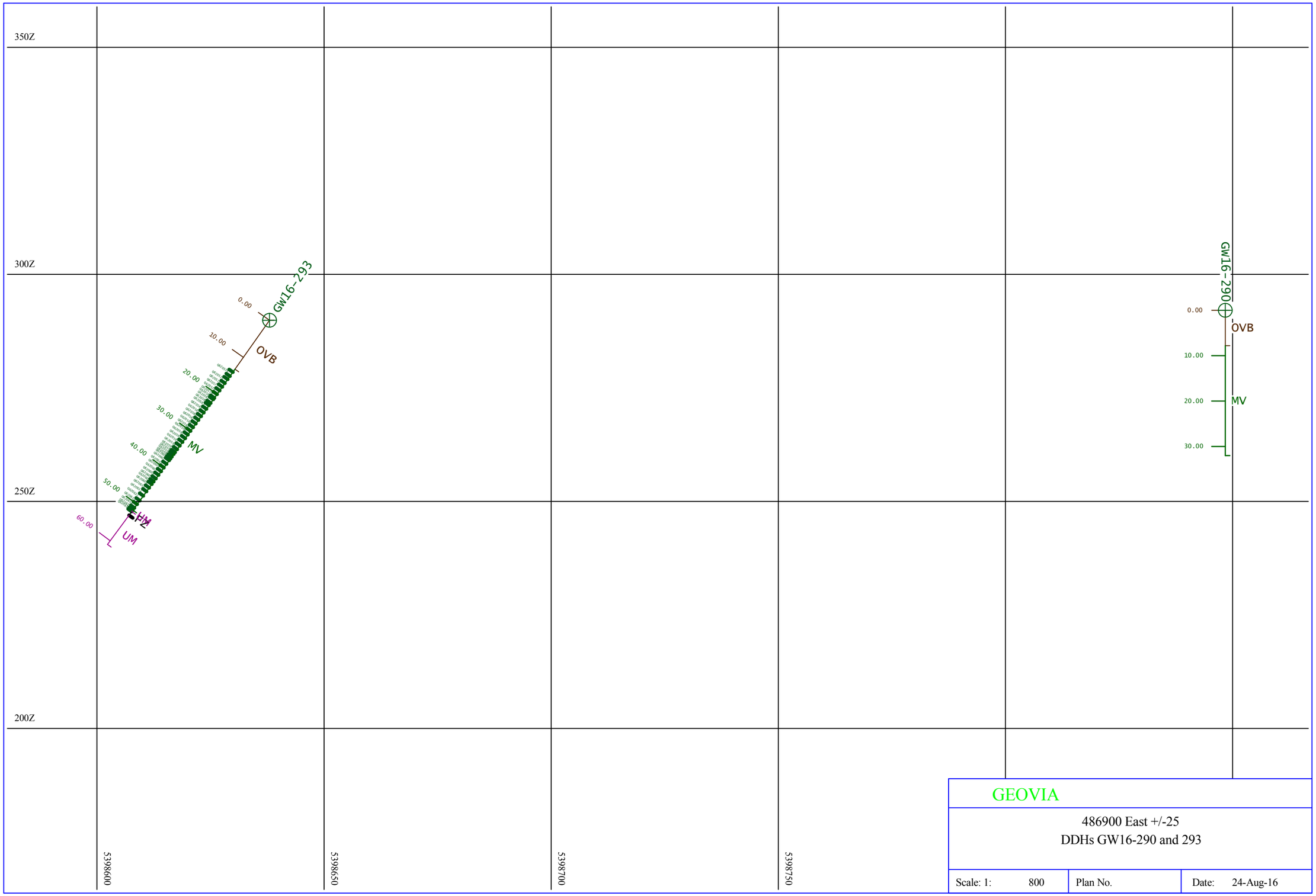
Scale: 1: 500	Plan No.	Date: 28-Sep-16

SURPAC - GEOVIA



main_graphics_layer_06

SURPAC - GEOVIA



GEOVIA

486900 East +/-25
DDHs GW16-290 and 293

Scale: 1: 800	Plan No.	Date: 24-Aug-16

main_graphics_layer_05

SURPAC - GEOVIA