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# Assessment Report For The 2013 Diamond Drilling Program

## On The

## Grenfell Property

**Larder Lake Mining Division**
**District of Timiskaming**
**Province of Ontario**

**For**

**SGX Resources**
**476 Reliable Lane, Building B**
**Timmins Ontario**

**Part I of III**

**J. Kevin Filo, P.Geo**
**Filo Exploration Services Limited**
**1080 Michelano Drive**
**Timmins Ontario**
**P4P 1H9**

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**Copies of Drill Logs (Part III)**

# GEOLOGY AND PRINCIPAL MINERALS OF ONTARIO

Ontario


HUDSON BAY

JAMES BAY

MANITOBA

QUEBEC

U.S.A.

L. SUPERIOR

L. MICHIGAN

L. HURON

L. ONTARIO

L. ERIE

Red Lake

Kenora

Geraldton

Thunder Bay

Moosonee

Timmins

Kirkland Lake

Cobalt

Sault Ste. Marie

Sudbury

Ottawa

Toronto

London

Windsor

SGX GRENFELL PROPERTY

Major Mineral Deposits Past and Present

- Gold
- Silver
- Iron
- Copper-Nickel
- Zinc-Copper
- Platinum-Palladium
- Uranium
- Industrial Minerals

Scale 1 : 8 000 000

50 0 50 100 150 200 Kilometres

50 0 50 100 150 Miles

## LEGEND[a]

PHANEROZOIC
MESOZOIC
CRETACEOUS
Sedimentary rocks

PALEOZOIC
DEVONIAN
Sedimentary rocks
SILURIAN
Sedimentary rocks
ORDOVICIAN
Sedimentary rocks
CAMBRIAN
Sedimentary rocks

PRECAMBRIAN
*GRENVILLE PROVINCE*
PROTEROZOIC
NEO- TO MESOPROTEROZOIC
Migmatitic rocks and gneisses
Mafic to ultramafic plutonic rocks
Felsic plutonic rocks, derived gneisses and migmatites
Metavolcanic and metasedimentary rocks

*SUPERIOR AND SOUTHERN PROVINCES*
NEO-TO MESOPROTEROZOIC
Felsic intrusive rocks
Mafic intrusive rocks
Volcanic and sedimentary rocks
PALEOPROTEROZOIC
Mafic intrusive rocks
Metasedimentary and metavolcanic rocks

*SUPERIOR PROVINCE*
ARCHEAN
NEO- TO MESOARCHEAN
Massive to foliated granodiorite to granite
Foliated to gneissic tonalite to granodiorite
Metasedimentary rocks and derived gneisses
Metavolcanic and metasedimentary rocks
MESOARCHEAN
Metavolcanic and metasedimentary rocks

[a] Phanerozoic units are lithostratigraphic, whereas Precambrian units are lithologic.

**Figure 1: Location Map**

## ***Introduction and Terms of Reference:***

The author was retained by SGX Resources (SGX) to prepare an interim technical geological report to cover a recent diamond drill program completed by SGX from early January to March 31 2013. This report will discuss work carried out on SGX's Grenfell Property. The SGX Property covers approximately 544 hectares of prospective land in Grenfell Township, located approximately 14 km northwest of Kirkland Lake, Ontario. (Fig.1&2). The purpose of this report is to fulfill assessment requirements of the Government of Ontario, underlying obligations to option holders by SGX and for internal corporate records.

The majority of reference data used in this report was taken from private files obtained from the Sirola family records. The Sirola family has been directly and indirectly involved in the property since the 1930's. The author also referenced some assessment reports, and OGS regional airborne data, and regional geological reports.

The 2013 drilling program conducted by SGX Resources was designed, implemented and supervised by the author of this report. The author had previously conducted exploration programs on the subject property on behalf of previous operators, and laid out the recent SGX target development work on which the current drill program was based. The author is a contract geologist for SGX Resources but is not independent of the company. The author holds an interest in exploration syndicates which control stock positions in SGX from option payments as well as potential royalty interests in the subject property as well.

The 2013 drill program consisting of 2035 meters of drilling (11 drill holes) was designed to test two specific target areas. The first series of drill holes were designed to re-evaluate known gold mineralization proximal to old development workings on the property. More specifically these holes were laid out to evaluate bulk tonnage potential as well as narrow vein high grade in the immediate area proximal to the shaft. A second series of holes were laid out to evaluate a series of induced polarization anomalies associated with mobile metal ion geochemical responses.

Results from the 2013 program is discussed in detail within the following sections of this report along with further recommendations for further follow up.

## ***Property Description and Location:***

Location:

The SGX Resources Property is approximately 14 km northwest of the Town of Kirkland Lake Ontario in the Larder Mining District (Fig.1&2). The property has a maximum extent of 3.4 by 2.2 km. between 558000E and 561400E and 533400N and 5337640N (UTM Zone 17 North, NAD 83). The property consists of 8 leased single unit mineral claims (mineral rights only) and 3 unpatented claims totaling 34 claim units all located within NW Grenfell Township. (See Figs. 1&2)

Property Status:

In mid 2013 the original 8 mineral leases were purchased outright by Shoreacres Explorations Ltd.(50% interest), 2090720 Ontario Inc.(25% interest), and 2229667 Ontario Inc. (25% interest) from Mrs. G. Sirola. Mrs. Sirola retained certain bonus provisions and royalties on the original leased claims. Subsequent to the purchase from Mrs. Sirola the original leases were optioned to SGX Resources by Shoreacres Explorations, 2090720 Ontario Inc and 2229667 Ontario Inc. In December of 2012 three additional contiguous mining claims were staked by SGX Resources; these claims fall under the terms of the option agreement with Shoreacres Explorations, 2090720 Ontario Inc and 2229667 Ontario Inc.

At the time of writing lease renewals for the leased claims had recently been completed in 2012 and thus leases would be in good standing for another 21 years. The recently staked contiguous claims will be due for assessment in December of 2014. Work carried out to date on the leased claims will be filed on the staked claims upon approval of this report by MNDM for assessment purposes.

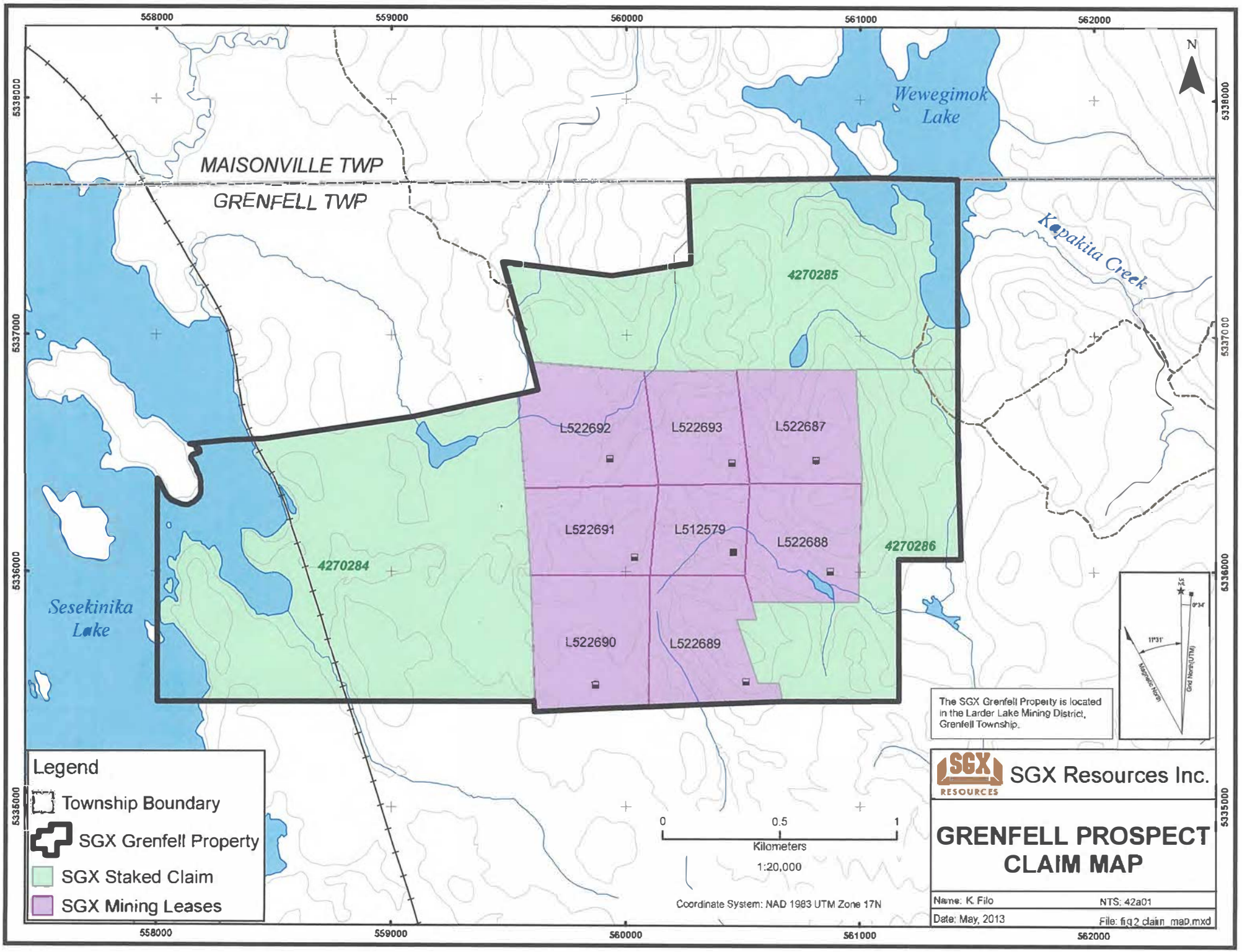
**Table 1 – Claim Listing Grenfell Prospect**

| Claim # | Township | Units | Area (hectares) | Expiry Date |
|---|---|---|---|---|
| Lease Claim L512579 | Grenfell | 1 | 15 * | 2033 |
| Lease Claim L522687 | Grenfell | 1 | 24.39 | 2033 |
| Lease Claim L522688 | Grenfell | 1 | 23.82 | 2033 |
| Lease Claim L522689 | Grenfell | 1 | 24.82 | 2033 |
| Lease Claim L522690 | Grenfell | 1 | 27.91 | 2033 |
| Lease Claim L522691 | Grenfell | 1 | 19.99 | 2033 |
| Lease Claim L522692 | Grenfell | 1 | 27.06 | 2033 |
| Lease Claim L522693 | Grenfell | 1 | 19.78 | 2033 |
| Staked Claim 427284 | Grenfell | 14 | 224* | Dec. 2014 |
| Staked Claim 427285 | Grenfell | 8 | 128* | Dec.2014 |
| Staked Claim 427286 | Grenfell | 4 | 64* | Dec.2014 |
| | **Totals** | **34** | **598.77*** | |

* Represents close approximation

Environmental Considerations and Permitting:

The Grenfell Property has been explored since the early 1930's and has had some limited gold production. This production was from bulk sampling in an underground stope and a surface trench, this work is historical and carried out prior to the current lease. The bulk sample material was not processed on site, as there were no milling facilities or accompanying tailings. At present there is shaft to a depth of 250 feet and there is some development work on the 100 foot and 250 foot levels. A waste pile of rock taken from excavations is located proximal to the current shaft. ( 5336194N, 560321E Nad 83, Zone


558000
559000
560000
561000
562000
5338000
5337000
5336000
5335000
N
Wewegimok Lake
MAISONVILLE TWP
GRENFELL TWP
Kapakita Creek
4270285
4270284
4270286
L522692
L522693
L522687
L522691
L512579
L522688
L522690
L522689
Sesekinika Lake
The SGX Grenfell Property is located in the Larder Lake Mining District, Grenfell Township.
Legend
Township Boundary
SGX Grenfell Property
SGX Staked Claim
SGX Mining Leases
0
0.5
1
Kilometers
1:20,000
Coordinate System: NAD 1983 UTM Zone 17N
SGX RESOURCES
SGX Resources Inc.
GRENFELL PROSPECT CLAIM MAP
Name: K. Filo
NTS: 42a01
Date: May, 2013
File: fig2 claim map.mxd

17) The Ministry of Northern Development and Mines has fenced in the collar of the old shaft for safety reasons. Exploration activities since the 1930's to the present day consisted of prospecting, trenching and diamond drilling. Historical work to date appears to have had very limited environmental impact and disturbances to the environment are considered minimal.

All mineral exploration work in Ontario requires and exploration permit. Permits for early stage exploration work such as linecutting, geophysics and diamond drilling are obtained in a reasonable length of time. All exploration work requires consultation with First Nations prior to application for a permit.

***Accessibility, Climate, Local Resources, Infrastructure, and Physiography:***

Access to the Grenfell Property is provided by the Sesekinika village access road which branches off Provincial Highway 11. Upon reaching the extreme eastern extremity of the village a person would continue west on the main road from the village for approximately 1 km. to a fork in the road about 100 m. beyond a large wooden bridge. At the fork in the road access is gained by turning on to an ATV road heading in a SE direction for approximately 2km; at this point the original fenced in shaft collar in visible. A series of old logging roads and trails cross the property allowing general access to the entire property. The western extremity of the property along the shore of Sesekinika Lake is crossed by the Ontario Northland Railway.

The main centre proximal to the property is the Town of Kirkland Lake. Kirkland is a significant mining town with accommodations, restaurants and various supply and machine shops. The town also has a skilled work force for both mining and mineral exploration.

Grenfell Township is located is a few miles south of the height of land in Northern Ontario. The main drainage in the area is the Blanche River and tributaries of Engelhart River. Kapatika Creek drains the northeast part of Grenfell Twp. into Sesekinika Lake. This creek links Armer, Wewegimok and Kapatika Lakes. At the northwest end of Sesekinika Lake the Blanche River runs south to Kenogami Lake then leaves the area at the Southeast corner of Grenfell Twp. (ODM Report 30, Grant, J.A.)

The Grenfell Property has moderate to locally rugged topography composed of rocky knolls covered with glacial till and gravels interrupted by low lying cedar and alder swamps. Substantial portions of the property have been logged off over the past fifteen years and thus in many areas trees are not mature. Most of the more recently planted areas have jack pines, but in areas that have not been logged there are also birch and poplar as well as jack pines.

Climate is typical of northeastern Ontario with below freezing temperatures (-5 to -40 degree Celsius) from November to April and brief periods of hot weather in the summer from 10 to 30 degrees Celsius. Precipitation averages 80 cm per year, with a substantial portion in the form of snow averaging 2.4 m. per year. General exploration is restricted to the month of June to September, when the ground is not covered by snow. However, drilling and geophysical work can be carried out in the winter months when a thick snow pack improves access to otherwise swampy areas.

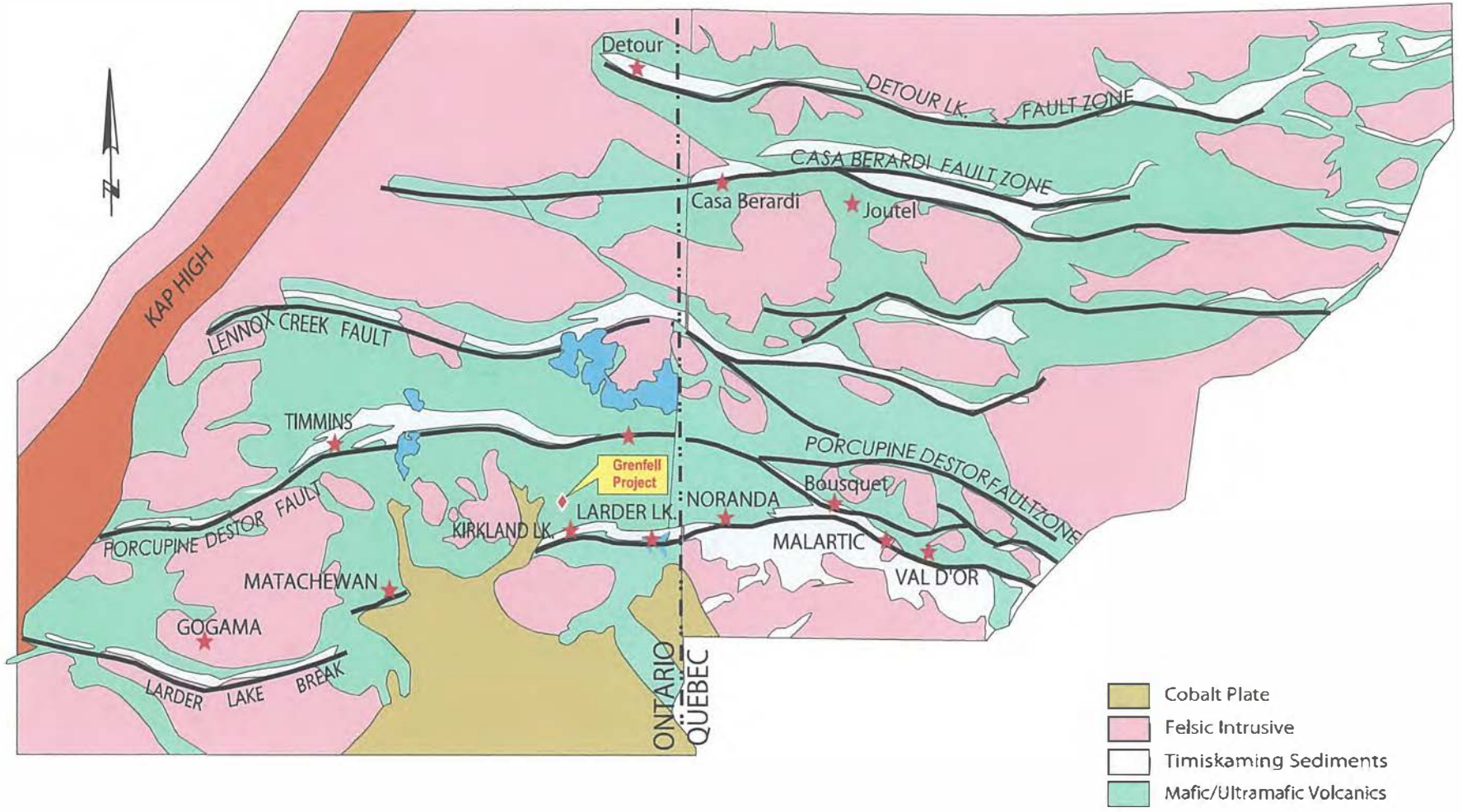



Figure 3

# ABITIBI GEOLOGY - LOCATION MAP

SGX Resources Inc.

**GRENFELL PROSPECT**
**GENERAL**
**LOCATION MAP**

| | |
|---|---|
| Name: K. Filo | NTS: 42a01 |
| Date: May. 2013 | File: fig3_gen_loc_map-.cdr |

***History:***

As stated previously there has been substantial historical exploration work on the current leased claims since the early 1930's. A historical account of the work conducted on the property is documented in a private report in 1980 by John Sirola. The bulk of this section is taken from the Sirola report to about 1980. Beyond this the author references a number of other private reports obtained from the Sirola family as documented below:

- In 1932 Woodward-Kirkland Syndicate sank a 60 foot shaft on a narrow high grade gold bearing quartz vein. This shaft is currently located at 5336194N, 560321E Nad 83 Zone 17 on Lease Claim L512579 or roughly L0, BL0 of the current grid.

- In 1933 Woodward-Kirkland deepened the shaft to 265 vertical feet and established levels at 150 and 250 foot horizons. In 1934 Kirkland Consolidated took over the project and staked 12 claims to surround current claim L512579.

- Kirkland Consolidated conducted underground exploration work on the property from 1934 to 1935. By the time that underground exploration ceased development consisted of a station on the 150 foot level and development on the 250 foot level. Development on the 250 foot level consisted of 800 feet of drifting was completed along with 1300 feet of crosscutting. Further, a total of 3270 feet of underground drilling and 2886 feet of surface drilling had been completed.

- In 1937 the property was leased by Donald E. Sirola, for two years. D. Sirola excavated a trench 30 by 7 by 6 feet from August to December of 1938. A bulk sample was taken and some ore shipped for processing.

- In September of 1938 Kiryan Gold Mines Ltd was formed to take over from Kirkland Consolidated Mines Ltd. Some limited diamond drilling was completed from 1939 to 1940.

- In 1941 D.S. Baird and T.M. Church leased the property to prospect it for tungsten after a government geologist documented an occurrence of tungsten with the gold veins in mid 1941. Baird and Church also dewatered the shaft and carried out 15 feet of drifting and 14 feet of crosscutting. A total of 177 tons of bulk sampling was completed and shipped for processing.

- In 1942 the Toburn Mining Co. of Kirkland Lake is reported to have dewatered the shaft and sampled the underground workings, no record of the results of this work has been found.

- In 1959-1960 the claims covering the shaft area were restaked but there is no record of any exploration completed.

- In 1978 John Sirola staked a single unit claim to cover the area surrounding the current shaft and in 1979 seven additional claims were staked, these claims now comprise the leased claims controlled by SGX Resources. In 1980, J. Sirola dewatered the trench proximal to the shaft and remapped and sampled the trench. Sirola confirmed significant gold values in the trench and observed visible gold.

- In 1982, R. Benner, P.Eng., and John Sirola, P.Eng completed a geological map covering the current leased claims. This map provided a good basic geological picture but more importantly it documents a numerous old trench and pit locations outside of the shaft area. No sampling information on these historical pits were available.

- In 1985 John E. Londry, P.Eng. conducted an independent review of the property for John Sirola. Londry calculated a small resource which is now deemed historical by current standards. Londry, utilizing chip sample data from the 250 level records calculated 3200 tons @ 0.64 oz. per ton Au on what was designated the No.1 vein. Similarly, he utilized chip sample data from surface trenching to calculate a tonnage of 500 tons @0.57 oz per ton Au; this surface vein was designated the Sirola Vein. (splays from No 1 vein) Together these two veins were deemed to contain 2305 oz of gold in the probable category. A calculation was also done on a vein designated the No. 6 Vein, a northwesterly trending vein associated with a porphyry. From a series of drill holes Londry calculated 6100 tons @0.54 oz. of gold per ton or 3295 oz. of gold in the possible category. (Londry, J, 1985)

- In 1987 Neighbors Resources optioned the property from J. Sirola and completed 3974 feet of drilling in the vicinity of the shaft. A summary report on this work was completed by H. Dowaluck. Dowaluck, noted that there was substantial low grade gold mineralization associated within the wall rock of the high grade veins. Consequently, he recommended re-sampling of all the Neighbor's Resources core to evaluate the bulk tonnage potential of the project. Some of the best intervals reported by Dowaluck included 0.084 oz./ton over 65.7 ft. and 0.079oz./ton over 42 feet. Some of these intersections were supported by high grade intercepts. Dowaluck, recommended that Neighbors Resources core be sampled from top to bottom to better evaluate the property for bulk tonnage potential; this work was not completed. (Dowaluck. H. 1988)

- In 1990 Gold Fields Canadian Mining Limited examined and sampled some of the Neighbors drill core during the course of a property evaluation. Values ranging from a few ppb Au to 0.159 oz /ton gold were obtained. No further work was conducted by Gold Fields. (Montgomery, K., 1990)

- In 1995 the property was optioned by Sedex Mining Corp. Work on the property was comprised of line cutting to facilitate magnetic and induced polarization surveys as well as some geological mapping and sampling in the immediate shaft area (Lease Claim 512579). A seven hole drill program of 953 meters was completed to follow up on some of Dowaluck's observations and partially evaluate some geophysical targets. The best result obtained in this program was 2.62 g/t Au over 13.72 meters. (Filo, J.K., P.Geo, 1995)

- In mid 2012 Mrs. Gladys Sirola sold the original eight lease claims to 2090720 Ontario Inc, 2229667 Ontario Inc and Shoreacres Explorations Ltd. At this time a compilation of all historical drilling information was completed by J.K. Filo, P.Geo., to facilitate future exploration related to historical targets.

- In August of 2012 SGX Resources optioned the original leased claims and re-established a survey control grid on the property to facilitate geophysical and geochemical surveys. Initial survey work outlined a number of new targets as well as historical targets for follow up. This current report documents the results of the diamond drill follow up carried out in early 2013 by SGX.

## ***Geological Setting:***

Regional Geology:

The Grenfell Prospect is located in the Abitibi Geenstone Belt of the Superior Province of the Canadian Shield. The Abitibi Greenstone belt is a large granite-greenstone terrain some 150,000 $km^2$ in area extending from Lake Superior in north-central Ontario through into north-central Quebec. Measuring 750 km long by 200 km wide, the Abitibi Greenstone belt is the largest greenstone belt within the Canadian Shield. (see Fig. 3)

Metamorphic grade varies from greenschist to lower amphibolite facies. Recent U-PB Zircon geochronology has shown that the volcanic-sedimentary pile accumulated in three major cycles over a period of 50 million years. Most of the volcanic activity is interpreted to have occurred between 2730 and 2700 Ma (Corfu et al, 1989). The Abitibi Greenstone belt is the most prolific Archean terrain in terms of copper-zinc sulphide mineralization and gold mineralization.

Major east and northeast trending faults (Destor Porcupine Deformation Zone Cadillac-Larder Deformation Zone), were active throughout the main periods of volcanism, and became the focus of a late period of alkaline volcanism and sedimentation between 2680 and 2677 Ma. These deformation zones are the focus of most of the major gold deposits found within the Timmins, Kirkland Lake, and Holloway gold camps. In excess of 120 million ounces of gold has been produced from mines associated with these two major structures.

The Abitibi Belt has been grouped into a series of stratigraphic groups. In the Kirkland Lake Area there are two basic supergroups that have been designated as the Upper and Lower Supergroups which have been intruded by younger granitoid instrusives. In the main Kirkland Camp the bulk of production comes from the upper most group (Timiskaming Group) of the Upper Supergroup in association with granatoid intrusives

and the Kirkland Larder Lake Break. The Larder Lake Break and associated rocks are present in the extreme SE part of Grenfell Township. However, the vast majority of Grenfell including the subject propery is covered by Kinojevis Group rocks or the bottom stratigraphic package of the Upper Supergroup. (Jensen, L.S.,1986)

In the early 1960's a geological mapping programs was completed over all of Bompas and Grenfell Townships by the Ontario Department of Mines (Geological Report No.30) under the direction of J. Grant. This mapping program covered all of the current leased and staked claims. The ODM map showed the NW portion of Grenfell Twp including the subject property to be underlain my volcanic rocks ranging in composition from basalt to dacite. Grant, remarked that there were a number of gabbroic intrusives as well which are very evident from historical property scale mapping on the subject property. In many instances it was difficult to discern some of the coarse flows from gabbroic intrusives due to a lack of contact relataionships. (Grant, J.,1960)

Property Geology:

The original leased claims were mapped by Benner, R., P.Eng in 1981. Benner's map shows the extreme NE leases (522687 and 522688) to be underlain by volcanics ranging in composition from basalt to dacite. The same volcanic package forms a narrow wedge extending from lease claims 522687 & 522688 across the central portion of lease 512579. Similar volcanics cover the extreme NW portion of the property, mainly lease 522692 and a small portion of lease 522691. The rest of the property is covered by gabbroic intrusive.

The primary structure on the property is a shear zone with splays in the immediate vicinity of the shaft (approx BL 0, L 0 on current grid). This shear trends at approximately 045 degrees azimuth and hosts the No.1 Vein (and associated splays) with a similar azimuth. Dowaluck in 1988 postulated that this shear was the extension of a major shear zone designated the Wentright Shear extending in a SW direction from Maisonville Township where it is well exposed. Benner, inferred a number of NW trending structures as well from topography and also confirmed the presence of the NW trending gold bearing Shea Vein (290 degrees azimuth) associated with a shear at the same azimuth. This 290 degree azimuth corresponds with porphyry dykes orientations underground on the 250 level near shaft (referenced as No 6 Vein target by Londry,1985) These porphyry dykes are known to be associated with gold mineralization as well. It is apparent from this information that structure at 045 degrees azimuth and 290 degrees azimuth are important controls for gold mineralization on this property.

**Survey Control:**

A cut line survey grid was completed over the entire group of leased claims. The Baseline 0 / Line 0 intersection point was cut proximal to the shaft collar on the property at 5336194 N and 560321E (Nad 83, Zone 17). More specifically the centre of the shaft is approximately at station 11.5 meters east on the baseline and 3 meters south. This is a best estimate due to the fact that the actual shaft centre is surrounded by a safety fence.

The control grid baseline was oriented at 045 degrees azimuth and 100 meter spaced

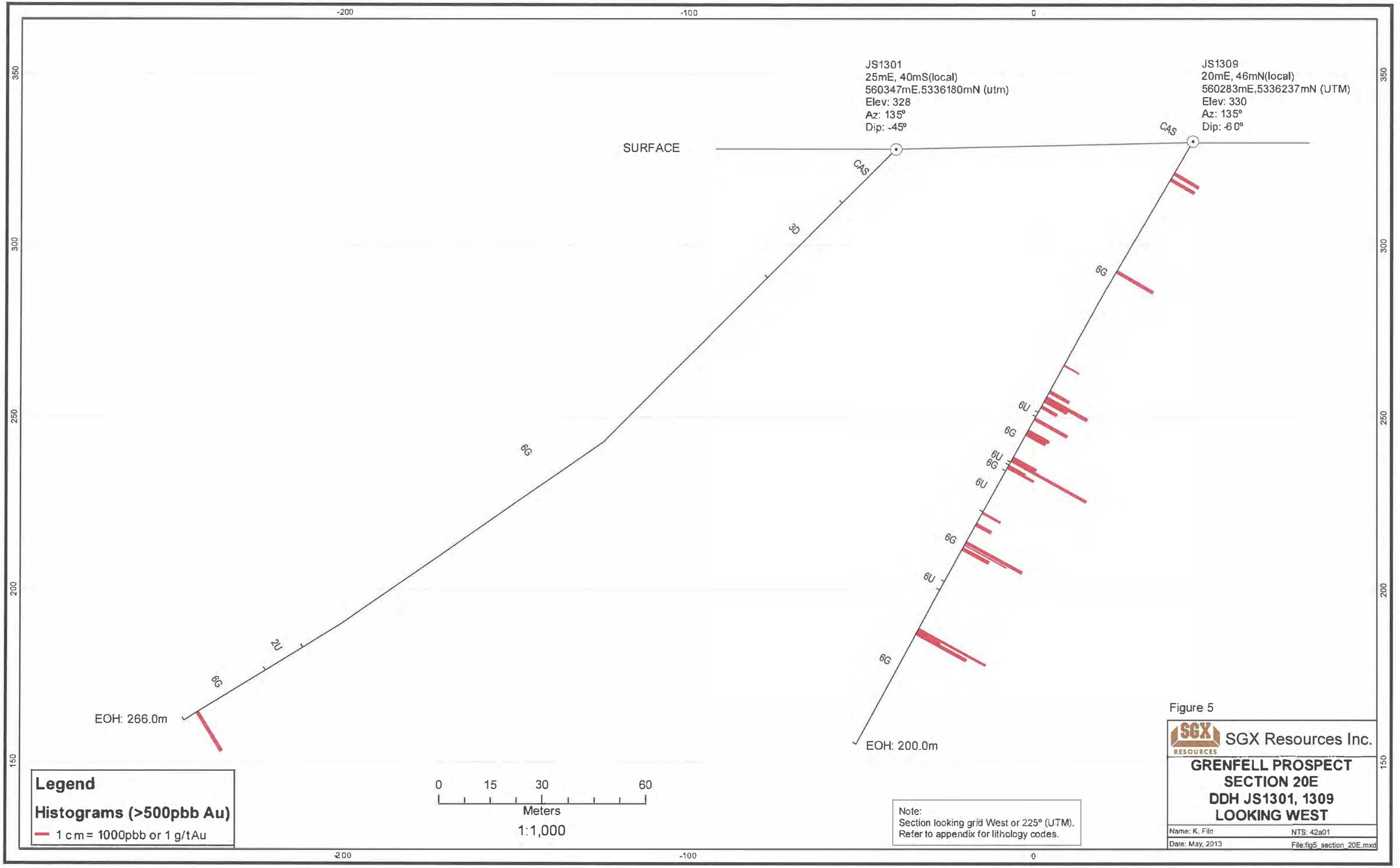



Figure 5

SGX Resources Inc.

**GRENFELL PROSPECT**
**SECTION 20E**
**DDH JS1301, 1309**
**LOOKING WEST**

| | |
|---|---|
| Name: K. Filo | NTS: 42a01 |
| Date: May, 2013 | File:fig5_section_20E.mxd |

-200 -100 0 100

350 300 250 200 150

JS1302
300mW, 125mN(local)
560007mE,5336047mN (UTM)
Elev: 329
Az: 135°
Dip: -45°

SURFACE

CAS

6G

QCV

6G

6D

6G

6U

6G

EOH: 260.0m

0 15 30 60
Meters

1:1,000

**Legend**

**Histograms (>500pbb Au)**

1 cm = 1000pbb or 1 g/tAu

Note:
Section looking grid West or 225° (UTM).
Refer to appendix for lithology codes.

Figure 6

SGX Resources Inc.

**GRENFELL PROSPECT**
**SECTION 300W**
**DDH JS1302**
**LOOKING WEST**

Name: K. Filo NTS: 42a01
Date: May, 2013 File:fig_section_20E.mxd

lines were cut at right angles to the baseline at 135 degrees azimuth. During the course of geophysical surveying each data point on the grid was surveyed with a GPS system so as to give an accurate location of the entire grid for reference purposes.

Upon completion of the exploration program drill hole collars were surveyed in using a hand held GPS and down hole readings were taken during the course of drilling to determine hole deviation where possible. Drill hole collars were also marked and labeled.

**Drilling Program Discussion:**

In early 2013 SGX Resources conducted a 2035 meter (11 holes) drill program to evaluate a series of targets on its Grenfell Project. A total of seven holes were drilled to test new geophysical/geochemical (MMI) targets and four holes were drilled to further evaluate the gold mineralization in and around the shaft. The significant results of the program are presented in the accompanying table 2. A discussion of the results from both anomaly testing and re-evaluation of the gold mineralization around the shaft area are discussed as follows:

Exploration Anomaly Drilling

*Hole JS1301 (L25E, St40 S):*

This hole was drilled to test a broad IP anomaly South of the shaft under a very swampy area. This area could not be resurveyed in 2012 because of higher water levels than the initial IP survey in 1995. Thus, the recent drill hole was based on the historical survey. The cause of the anomaly was thought to be disseminated sulphides and magnetite. Only one short interval of interest was noted near the end of the hole; this intercept returned 1.33 g/t over 1 meter from 261 to 262 meters.

*Hole JS1302 (L3W, St125N):*

This hole was drilled to test two sub-parallel induced polarization anomalies associated with anomalous mobile metal ion (MMI) geochemical responses for gold and copper. These anomalies are hosted within the same strong broad magnetic anomaly that stretches across the lease claims and hosts the historical gold occurrence on the property. This hole intersected a new zone of gold mineralization (Southwest or SW Zone) from 13-21 meters which returned 2.85 g/t over 8m including some higher grade intercepts. (see table 2) The IP anomalies are thought to be spacially associated with the mineralization but the primary cause of the IP anomalies is thought to be magnetite and some associated pyrite. (see Fig. A, Appendix 6)

*Hole JS1303 (L2W, St75N):*

This hole was drilled to test the same two sub-parallel induced polarization anomalies drilled in Hole JS1302 and along with a third parallel anomaly. Again all of these geophysical anomalies are to some extent associated with MMI geochemical anomalies. Hole JS1303 was collared to far south to have intersected the new zone found in hole JS

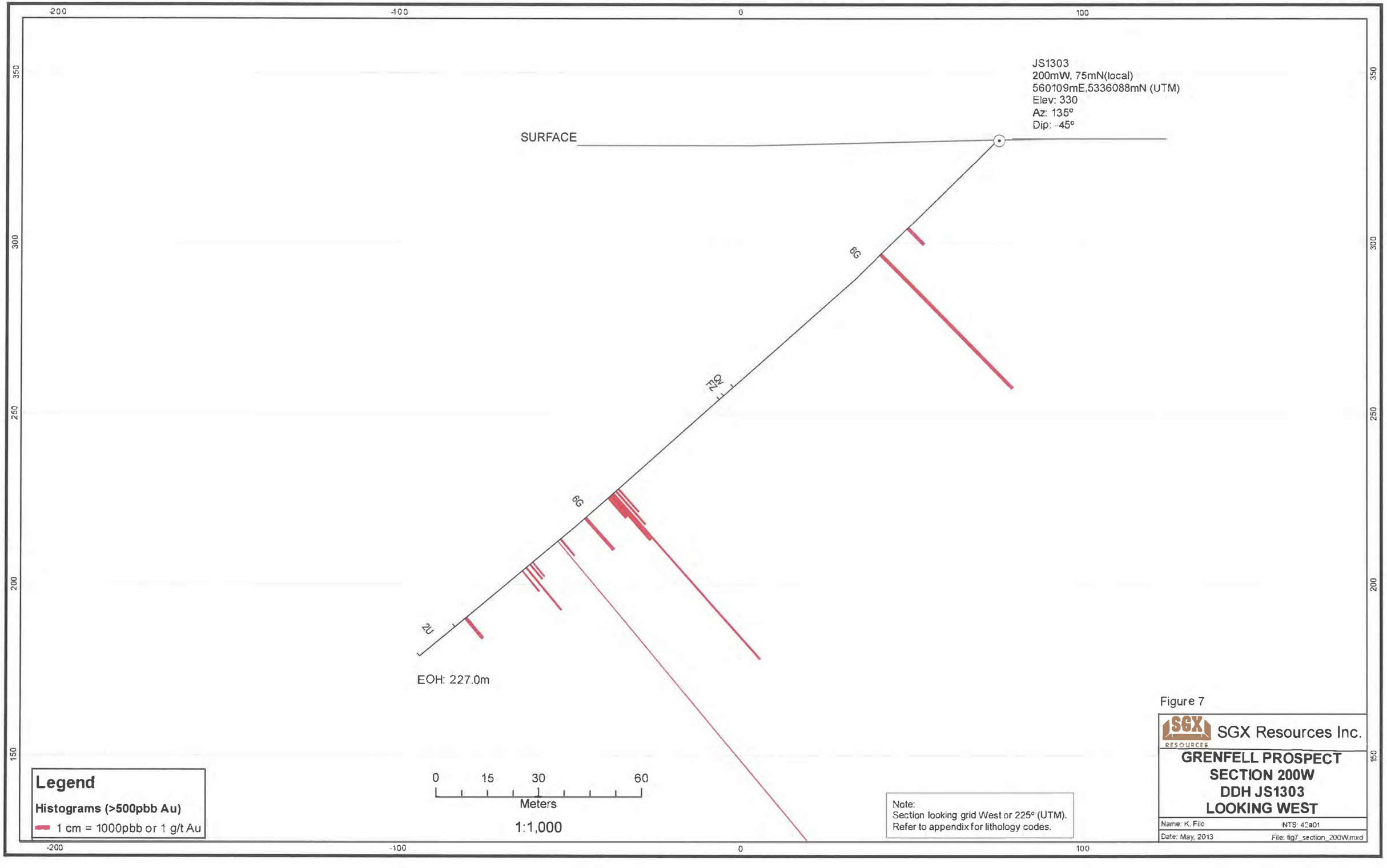



Figure 7

SGX Resources Inc.

**GRENFELL PROSPECT**
**SECTION 200W**
**DDH JS1303**
**LOOKING WEST**

| | |
|---|---|
| Name: K. Filo | NTS: 42a01 |
| Date: May, 2013 | File: fig7_section_200W.mxd |

## *TABLE 2: SIGNIFICANT RESULTS*

| Hole | Line | Station | Az. | Dip | *From* | *To* | *Meters* | *Au g/t* | *Comment* |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| **JS1301** | L25E | ST50S | 135 | -45 | 261.00 | 262.00 | 1.00 | **1.33** | |
| | | | | | | | | | |
| **JS1302** | L3W | ST125N | 135 | -45 | 13.00 | 21.00 | 8.00 | **2.85** | SW Zone |
| includes | | | | | 15.00 | 19.00 | 4.00 | **4.09** | |
| includes | | | | | 15.00 | 16.00 | 1.00 | **9.41** | |
| | | | | | | | | | |
| | | | | | 83.00 | 84.00 | 1.00 | **1.73** | |
| | | | | | | | | | |
| **JS1303** | L2W | ST75N | 135 | -45 | 47.00 | 48.00 | 1.00 | **5.49** | SW Zone Area |
| | | | | | | | | | |
| | | | | | 151.50 | 155.00 | 3.50 | **2.07** | SW Zone Area |
| includes | | | | | 152.50 | 153.00 | 0.50 | **6.47** | |
| | | | | | | | | | |
| | | | | | 163.08 | 164.00 | 0.92 | **1.24** | SW Zone Area |
| | | | | | | | | | |
| | | | | | 173.96 | 174.18 | 0.22 | **106** | V.G. SW Zone Area |
| | | | | | | | | | |
| **JS1305** | L4E | ST75N | 135 | -45 | 9.00 | 9.98 | 0.98 | **2.78** | |
| | | | | | | | | | |
| **JS1309** | L20E | ST46N | 135 | -45 | 43.00 | 44.00 | 1.00 | **1.22** | |
| | | | | | | | | | |
| | | | | | 85.00 | 86.00 | 1.00 | **1.37** | |
| | | | | | | | | | |
| | | | | | 106.00 | 106.80 | 0.80 | **2.49** | |
| | | | | | | | | | |
| | | | | | 133.00 | 133.90 | 0.90 | **1.84** | |
| | | | | | | | | | |
| | | | | | 161.75 | 164.00 | 2.25 | **1.57** | |
| includes | | | | | 161.75 | 162.40 | 0.65 | **2.21** | |
| | | | | | | | | | |
| **JS1310** | L40W | ST50N | 135 | -45 | 88.00 | 90.00 | 2.00 | **1.51** | |
| includes | | | | | 88.00 | 89.00 | 1.00 | **2.48** | |
| | | | | | | | | | |
| **JS1311** | BL 0 | ST57E | 200 | -45 | 45.00 | 48.00 | 3.00 | **1.69** | |
| includes | | | | | 45.00 | 46.00 | 1.00 | **2.46** | |
| | | | | | | | | | |
| **JS1312** | BL 0 | ST57E | 200 | -67 | 50.00 | 51.00 | 1.00 | **2.03** | |
| | | | | | | | | | |
| | | | | | 86.00 | 87.00 | 1.00 | **1.26** | |
| | | | | | | | | | |
| | | | | | 88.00 | 89.00 | 1.00 | **1.15** | |
| | | | | | | | | | |
| | | | | | 94.00 | 95.00 | 1.00 | **19.5** | Shaft Vein Area |
| | | | | | | | | | |
| | | | | | 130.00 | 131.00 | 1.00 | **1.09** | |

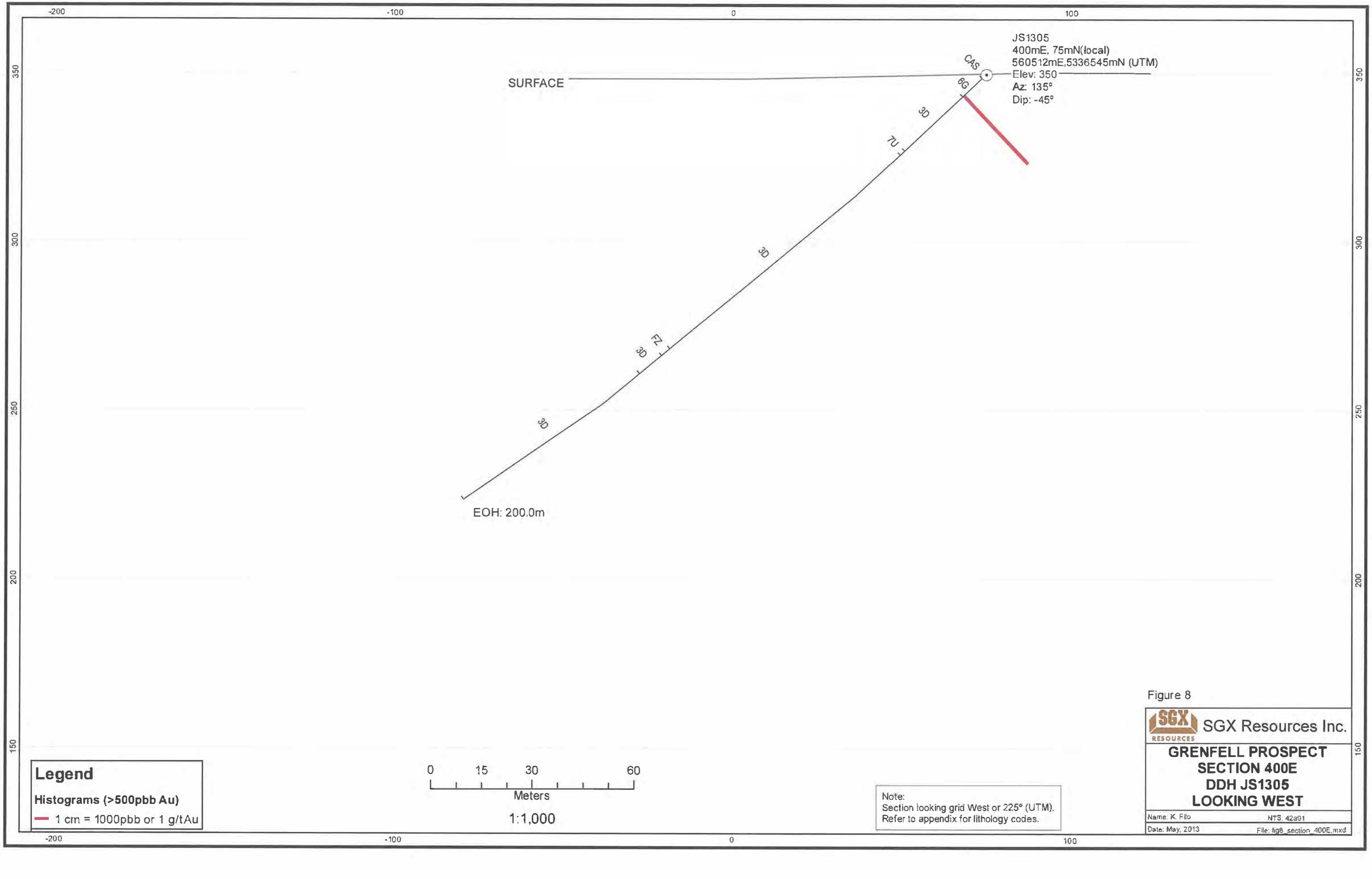



Figure 8

SGX Resources Inc.

**GRENFELL PROSPECT**
**SECTION 400E**
**DDH JS1305**
**LOOKING WEST**

Name: K. Filo NTS: 42a01

Date: May, 2013 File: fig8_section_400E.mxd

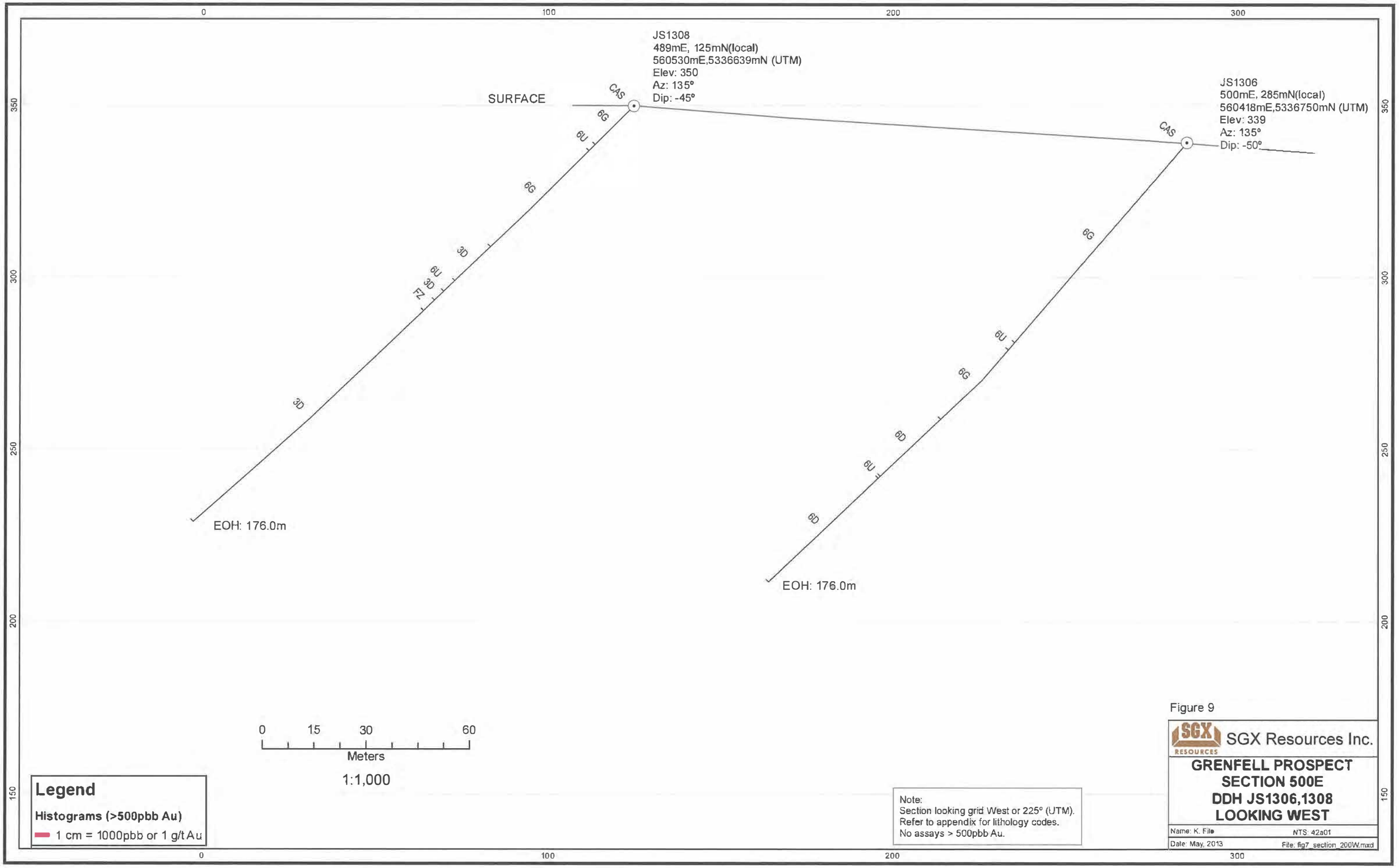



Figure 9

SGX Resources Inc.

**GRENFELL PROSPECT**
**SECTION 500E**
**DDH JS1306,1308**
**LOOKING WEST**

Name: K. File NTS: 42a01

Date: May, 2013 File: fig7_section_200W.mxd

400 500 600 700

350 300 250 200 150

JS1307
0mE, 475mN(local)
559950mE,5336500mN (UTM)
Elev: 326
Az: 315°
Dip: -45°

SURFACE

8U

3D

EOH: 176.0m

**Legend**

**Histograms (>500pbb Au)**

1 cm = 1000pbb or 1 g/t Au

0 15 30 60

Meters

1:1,000

Note:
Section looking grid West or 225° (UTM).
Refer to appendix for lithology codes.
No assays > 500pbb Au.

Figure 10

SGX Resources Inc.

**GRENFELL PROSPECT**
**SECTION 0E**
**DDH JS1307**
**LOOKING WEST**

Name: K. Filo NTS: 42a01

Date: May, 2013 File: fig10_section_0E.mxd

JS1302. However, JS1303 did intersect a small zone of interest from 151.5 to 155 meters which returned 2.07 g/t over 3.5 meters including a higher grade intercept of 0.5 meters at 6.47 g/t Au. The hole also intersected a small narrow vein with some visible gold from 173.96-174.18 which assayed 106 g/t Au over 0.22 meters. Toward the end of the hole some anomalous gold mineralization in gabbro above a volcanic contact was noted in association with 1-2% disseminated pyrite and some minor veining. This zone may represent the downward extension of the most southerly IP anomaly (see Fig.A, Appendix 6)

*Hole JS1305 (L4E, St75N):*

The purpose of this hole was to test an IP anomaly proximal at the contact of the gabbroic intrusive associated with the main magnetic feature on the property and volcanics to the south of the gabbro intrusive. Only one minor intercept was noted in this hole, within the gabbro, it returned 2.78 g/t Au ove 0.98 meters. A dacitic fragmental unit was intersected below the gabbro contact. No significant mineralization was noted and the cause of the IP anomaly in unknown. (see Fig.A, Appendix 6)

*Hole JS1306 (L5E, St285N):*

This hole was drilled to test a broad strong IP anomaly within the central portion of the main magnetic high stretching across the leased claims known to be associated with the historical gold mineralization on the property. This hole was primarily gabbro with substantial magnetite and no significant gold mineralization was detected. (see Fig.A, Appendix 6)

*Hole JS1307 (L0, 475N):*

JS1307 was the only hole drilled on the northern contact of the main gabbro intrusive (mag high) contact. The purpose of this hole was to evaluate an IP target associated with a good gold and copper MMI geochemical response. The hole was collared in a diabase dyke and then entered a dacite fragmental unit similar to that seen in holes JS1305. This hole intersected a zone of disseminated pyrite from approximately 35-82 meters; this zone is thought to be the cause of the anomaly, however, no significant gold mineralization was noted. (see Fig.A, Appendix 6)

*Hole JS1308 (L489E, 125N):*

Again, this hole was drilled to test and IP anomaly along the southern contact of the dominant magnetic high stretching across the leased claims. This hole initially intersected gabbro and then cut a dacitic fragmental unit typical of that seen in holes JS1305 and JS1307. The cause of the IP anomaly was thought to be disseminated pyrite in the gabbroic unit. No significant gold values were noted. (see Fig.A, Appendix 6)

-200 -100 0 100

350 300 250 200 150

JS1310
40mW, 50mN(local)
560235mE,5336192mN (UTM)
Elev: 330
Az: 135°
Dip: -45°

SURFACE

CAS

6G

7QFP

2U

EOH: 152.0m

**Legend**

**Histograms (>500pbb Au)**

— 1 cm = 1000pbb or 1 g/t Au

0 15 30 60

Meters

1:1,000

Note:
Section looking grid West or 225° (UTM).
Refer to appendix for lithology codes.

Figure 11

SGX Resources Inc.

**GRENFELL PROSPECT**
**SECTION 40W**
**DDH JS1310**
**LOOKING WEST**

Name: K. File NTS: 42a01

Date: May, 2013 File: fig11_section_40W.mxd

Shaft Area Drilling

*Holes JS1309 and JS1310:*

Hole JS1309(L20E, St46N) and JS1310(40W, St50N) were both drilled to further re-evaluate bulk tonnage potential and narrow vein high grade potential documented by Dowaluck, H. (1987) in the immediate vicinity of the shaft. (see Fig.4) The holes intersected some narrow lower grade intercepts (see table 2). No significant broad widths of mineralization typical of that needed for a bulk mineable deposit were noted. However, there is substantial evidence of a broad mineralized envelope typical of areas proximal to a deposit. A typical example of this can be seen in the drill log for Hole JS1309 from 83-111 m.

*Holes JS1311 and JS1312:*

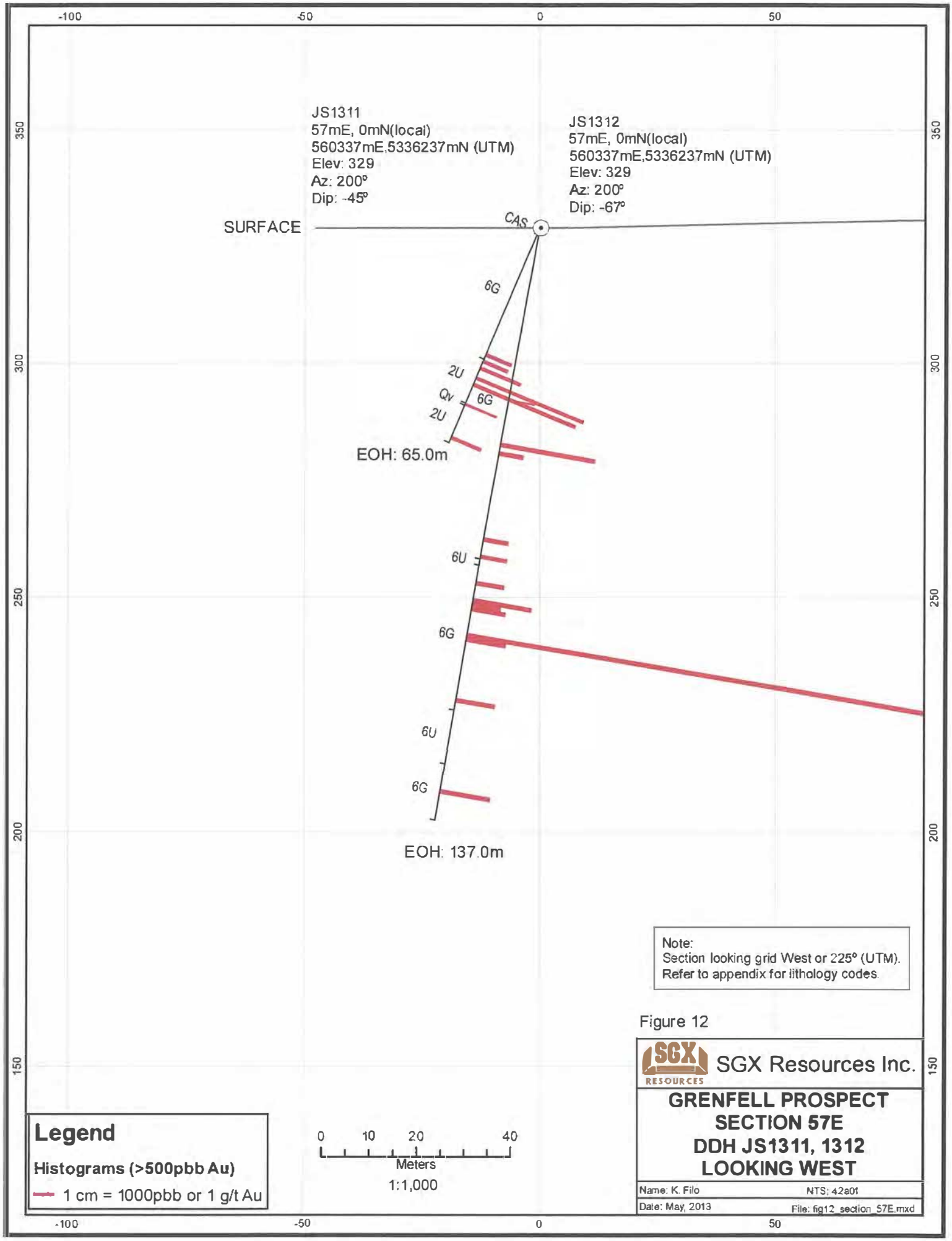
Holes JS1311 and JS1312 were collared from the same positon (BL 57E) to evaluate the narrow vein high grade potential associated with a porphyry dyke (referenced as No. 6 vein by Londry, 1985) on the 250 foot level of the workings. Initially Hole JS1311 (-45 degree dip) was drilled to test for the projected up dip extension of the porphyry, but the projection of the dyke was not intersected. Some narrow low grade intercepts were noted in JS1311 as per table 2. Upon completion of JS1311, Hole JS1312 was collared on the same section at a steeper angle (-67 degrees) to intersect the porphyry unit on the 250 foot elevation. This hole intersected an intrusive unit which resembled a porphyry but is was not a definitive porphyry. This unit did not carry any significant gold but above this unit a high grade intercept of 19.5 g/t Au over a one meter interval was intersected along with a few other lower grade intercepts. Both of these holes like Hole JS1309 which also intersected the same intrusive unit had a number of substantial lower grade intercepts proximal to the intrusive. This suggests that there may be a distinct mineralized envelope associated with the NW trending intrusive. Very little work was done to evaluate this 290 degree orientation as the majority of drilling on the property is oriented sub parallel to the NW trending structures.

**Sampling Method and Approach:**

The core handling and sampling procedures at SGX's Grenfelll Project met current industry standards. When drill core was received from the drill a first pass examination of core was carried out to check labeling of boxes and blocks within the hole. Upon completion of this work the core is logged using a consistent lithological table established by the SGX project geologist and all pertinent geological information recorded in an excel spread sheet for easy coding and transfer to a database for plan and section work.

Intervals to be sampled were identified and marked on the core by a company geologist and the following sampling protocol carried out:

- Beginning and end of sample intervals are based on geology and mineralization logged in the core.
- Maximum individual sample length equal to 1.5 metres but majority of samples 1m. or less


-100
-50
0
50
350
300
250
200
150
JS1311
57mE, 0mN(local)
560337mE,5336237mN (UTM)
Elev: 329
Az: 200°
Dip: -45°
JS1312
57mE, 0mN(local)
560337mE,5336237mN (UTM)
Elev: 329
Az: 200°
Dip: -67°
SURFACE
CAS
6G
2U
Qv
6G
2U
EOH: 65.0m
6U
6G
6U
6G
EOH: 137.0m
Note:
Section looking grid West or 225° (UTM).
Refer to appendix for lithology codes.
Figure 12
SGX RESOURCES
SGX Resources Inc.
GRENFELL PROSPECT
SECTION 57E
DDH JS1311, 1312
LOOKING WEST
Name: K. Filo
NTS: 42a01
Date: May, 2013
File: fig12_section_57E.mxd
Legend
Histograms (>500pbb Au)
1 cm = 1000pbb or 1 g/t Au
0 10 20 40
Meters
1:1,000

- No minimum sample length.
- Contiguous samples are collected along full length of mineralized diamond core.
- Core sample intervals were divided into half lengthways using a diamond saw.
- Half of each sample interval was collected in a new plastic bag and tagged with reference sample number. The samples were placed in rice bag sacks and sealed for delivery to the lab by company staff.
- The residual core half was returned to the original location in the core box along with a numbered sample tag for future reference.

With respect to the design of sampling intervals; the actual intervals were designed to provide contiguous sampling across the full width of the mineralized zones including shoulder samples. However, due to the nature of the known mineralization on the Grenfell Project most of the core was sampled as rock units with potential gold mineralization were not always evident. Particular attention was paid to the following general geological parameters to identify potential gold bearing zones for priority sampling included the following:

- Rock types: No restriction on rock type. Mineralized zones potentially occur in all rock types intersected in the project area.
- Rock deformation: Mineralized zones may include evidence for increased host rock deformation including foliation, ductile strain, and/or brittle fracturing including the following vein-filling minerals: quartz, carbonates, feldspars, sulphides (in particular chalcopyrite ± pyrite and pyrrhotite).
- Rock alteration: Mineralized zones may be marked by an increase in the following alteration types within the host rock: chloritic alteration, carbonate alteration, sericitization, sulphidization (in particular chalcopyrite ± pyrite and pyrrhotite) and silicification.
- Visible native gold

It should be noted that within the sampled section of core there were rare instances of missing core due to due to drilling problems associated with poor or broken ground conditions. A notation of these ground conditions were made in logs. However, on an over all basis sample quality was considered excellent and representative of the observed mineralized intervals.

**Sample Preparation, Analyses and Security:**

Core from the SGX 2013 drilling program was sampled on sight within SGX's own core logging facilities. The core was logged and sampled by experienced geologists and technicians under the supervision of the project geologist as per protocols described in the previous section.

For SGX's Grenfell project the standard operating procedure relative to gold assays is to record in the log and/or data base if a standard gold fire assay or pulp metallic gold fire assay was completed. If a pulp metallic assay was completed it was put into the data base and taken as the most accurate representation of the sample and recorded in both the log and put into the data base. In the event of a duplicate assay completed on a sample such as a check by the lab the average of the two analysis was placed in the log and the data base.

Analysis for the Grenfell Project was completed at Actlabs in Timmins Ontario. Basically all samples were fire assayed with and AA finish using industry standard fire assay procedures. If the sample returned 3000 ppb or greater, the sample was re-assayed with a gravimetric finish. In a few instances metallic sampling (Metallic Screen Assay) was performed to check for the possibility of coarser gold. Full details on the methodology utilized by Actlabs for there gold assaying can be obtained from Actlabs.

Standard quality control procedures are present in the lab utilized. However, in addition to the quality control at the labs SGX also submitted certain quality control samples. A known "Standard Reference Material" sample and a Blank Sample was submitted with every batch of 32 sample. The Standard Reference samples were obtained from CDN Resource Laboratories in Langley BC. A blank sample was also obtained from CDN Resource Laboratories as well. A list of standards used during the course of the program are found Appendix 2. During the course of the program all standards and blank results were reviewed. A standard was considered to have failed if it did not meet the two standard deviation threshold. When a standard failed and the geologist deemed that significant mineralization was present the entire sample batch was re-assayed with a new standard. Batches with results not of significance were not re-assayed. Re-assayed batches can be seen in accompanying logs as all results including re-assayed batches were posted in logs. During the course of the program there were no failures in the blanks.

**Data Verification:**

As described above exploration at SGX's Grenfell Project including core logging, sampling procedures and record keeping are industry standard. The author personally supervised the entire program and was on site during the time the work was carried out. The author personally logged all drill core and supervised sampling technicians. Prior to completion of this current report the author reviewed all data base entries, drill logs, plans, and sections for errors prior to submission. From the material reviewed to date no major discrepancies were noted.

**Conclusions and Recommendations:**

The purpose of the 2013 SGX program on the Grenfell Project was to re-evaluate the gold potential in and around the historical workings on the property and test a series of coincident geophysical and geochemical anomalies on the property for further gold potential. As a result of this program the following salient points were concluded:

- The drilling in the immediate area of the shaft collar failed to substantiate significant bulk tonnage mineralization. This work did however demonstrate that there appears to be interesting potential, including high grade gold mineralization associated with NW trending structures sometimes associated with poorly developed porphyritic intrusive units. There also appears to be a mineralized envelope with low grade to anomalous gold values associated with these structures. These structures have had very limited work conducted on them as the majority of the drilling was drilled sub parallel to these NW structures to evaluate historical northeasterly striking mineralization.

- Mobile Metal Ion (MMI) in conjunction with induced polarization surveying was successful in delineating a new gold bearing zone (SW Zone) a few hundred meters to the SW of known historical mineralization. The SW zone is spacially associated with an IP target and a mag high/mag low contact. The SW Zone also had elevated MMI gold values; gold itself appears to be the best geochemical indicator for this particular project.

- In general gold bearing gabbroic rock was in many instances bleached to some extent and more often than not more finer grained. The author also observed this alteration in association with broad anomalous gold zones. A good example of this is demonstrated in Hole JS1303 from 150-186 m. Some minor quartz veining was also noted in association with areas that returned lower grade gold values.

A follow up program is deemed to be warranted due to the favorable results obtained during the course of the initial exploration program. This program should consist of the following:

- Allocate approximately 1000 meters of follow up drilling to further evaluate the new SW zone along strike and at depth. Further drilling beyond this would be contingent on results.

- Allocate approximately 750 meters of follow up drilling to further evaluate NW trending zone in the vicinity of the shaft. (formerly referenced as No 6 Vein) The primary purpose of this program would be to test for further high grade mineralization along strike and at depth.

- A few short holes at the Shea Vein occurrence (300 meters). This system also has had minimal historical work carried out on it. The Shea Vein like the No 6 Vein is oriented in a NW direction.

- During the course of recent 2013 SGX program, weather and permitting did not allow for the testing a coincident IP and strong MMI soil anomalies on L3W between 450 and 500 N. Approximately 200 meters of drilling is required to test this area.

- Lastly, some funding should be allocated to test an airborne electromagnetic anomaly under the pond on the boundary between Lease 522687 and staked claim 4270285 (see OGS P2256, Maisonville Twp)

Respectfully Submitted,

J. Kevin Filo, P.Geo.

**References:**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Sirola, J., and Benner,R., 1981-1982, Geological Map of Leased Mining Claims 522687-522693 inclusive and 512579 Scale 1 cm to 30 m., Internal Data from the Private Files of John Sirola.

## CERTIFICATE OF AUTHOR

I, J. Kevin Filo, P. Geo. do hereby certify that:

1. I am a consultant of:

   SGX Resources Inc
   476 Reliable Lane, ,
   P.O. Box 176,
   Timmins Ontario
   P4N 7C9

2. I graduated with an Honours Bachelor of Science Degree in Geology from Laurentian University in Sudbury in 1980.

3. I am a member of the Association of Professional Geologists of Ontario (Reg. No. 0220).

4. I have worked as a geologist for a total of 32 years since my graduation from university.

5. I am responsible for an non- independent review of the current subject report and I was responsible for the planning and supervision of the recent drill program.

6. I have had prior involvement with the property that is the subject of the current report. The nature of my involvement was two fold. I was an independent consultant on the area in the mid 1990's and purchased 50% share of the original leases through mineral exploration syndicates which I control in 2013.

7. I am not aware of any material fact or material change with respect to the subject matter of the report that is not reflected in the report, the omission to disclose which make the report misleading.

8. I am not independent of the issuer. I presently control a number of shares in SGX Resources and retain a royalty on the property through exploration syndicates which I control.

Dated this 31 Day of July, 2013

J. K. FILO
PRACTISING MEMBER
0220

Signature of Qualified Person

559600 560000 560400 560800

4270285

N

TN
N.G.
0°34'
11°31'
Magnetic North
Grid North(UTM)

5336800 5336400 5336000 5335600

JS1306
JS1308
JS1307
JS1305
JS1311
JS1312
JS1309
JS1310
JS1303
JS1302
JS1301

L522692
L522693
L522687
L522688
L522691
L512579
L522690
L522689
4270284
4270286

L 900
L 800
L 700
L 600
L 500
L 400
L 300
L 200
L 100
L 0
L 500N
L -100
L -200
L -300
L -400
L -500
L -600
L -700
L -800
L -900
L -1000
BL 0N

## Legend

- Claim/Lease Boundary
- Cut Grid
- Drill Hole Collar

0 100 200 400
Meters

1:5,000

Coordinate System: NAD 1983 UTM Zone 17N

The SGX Grenfell Property is located in the Larder Lake Mining District, Grenfell Township.

SGX RESOURCES

SGX Resources Inc.

# GRENFELL PROSPECT
# DIAMOND DRILL HOLE PLAN

Name: K. Filo NTS: 42a01

Date: May, 2013 File: fig4_2013_ddh_plan.mxd

559600 560000 560400 560800

# SGX RESOURCES
# GRENFELL ASSESSMENT
# PART II
# APPENDICIES

# APPENDIX 1: LITHOLOGY CODE FOR SECTIONS

# LEGEND

- 8U Diabase (All Ages)
- 7U Felsic to Intermediate Intrusive
  - 7G Granite
  - 7GD Granodiorite, Quartz Monzonite
  - 7T Tonalite
  - 7S Syenite
  - 7M Monzonite
  - 7FP Feldspar Porphyry
  - 7QFP Quartz/Feldspar Porphyry
  - 7PA Pegmatite
  - 7A Aplite
  - 7F Felsite
- 6U Mafic to Ultramafic Intrusive
  - 6D Diorite, Trondhjemite
  - 6G Gabbro
  - 6A Anorthosite
  - 6P Peridotite, Pyroxenite
  - 6L Lamprophyre
- 5U Clastic Sediments
  - 5AR Argillite
    - 5ARGF Graphitic Argillite
  - 5GW Greywacke
  - 5CG Conglomerate
    - 5CGT Timiskaming Conglomerate
  - 5SS Sandstone
  - 5ST Siltstone
  - 5Q Quartzite
  - 5A Arkose
- 4U Chemical Sediments
  - 4IF Iron Formation
    - 4IFS Sulphide Facies
    - 4IFC Silicate Facies
    - 4IFO Oxide Facies
  - 4C Chert
  - 4IGF Graphite
- 3U Felsic to Intermediate Volcanics
  - 3R Rhyolite
  - 3D Dacite
  - 3A Andesite
  - 3T Trachyte
- 2U Mafic Volcanics
  - 2MS Massive
  - 2P Pillowed
  - 2FB Mafic Flow–Breccia
  - 2HY Mafic Hyaloclastite
  - 2VAR Variolitic
  - 2POR Porphyritic
- 1U Ultramafic Volcanics – Unsubdivided
  - 1TC Talc–Chlorite Altered
  - 1GCB Green–Carbonate Altered

# ABBREVIATIONS

## Textural

| | |
|---|---|
| ag | agglomerate |
| AZ,az | alteration zone |
| amy | amygdaloidal |
| FB,fb | flow breccia |
| fol | foliated |
| glom | glomerophyric |
| hy | hyaloclastic |
| htr | heterolithic |
| lap | lapilli |
| ms | massive |
| p | pillowed |
| por | porphyritic |
| sch | schistose |
| sfx | spinifex |
| t | tuffaceous |
| ves | vesicular |
| var | variolitic |

## Alteration

| | |
|---|---|
| Ab | albitization |
| Ank | ankeritization |
| Bi | biotization |
| Cal | calcitic |
| Carb | carbonatization |
| Cb | carbon |
| Chl | chloritization |
| Ep | epidotization |
| Gcb | green carbonate |
| Hem | hematization |
| Lx | leucoxene |
| Pot | potassic |
| Ser | sericitization |
| Serp | serpentinization |
| Sil | silicificotion |
| Tc | talc |
| Tour | tourmaline |

| Intensity Code | |
|---|---|
| Ank | weak |
| ANK | moderate |
| [ANK] | strong |

## Mineralization

| | |
|---|---|
| Asp | arsenopyrite |
| Cl | clustered pyrite |
| Cpy | chalcopyrite |
| Ds | disseminated pyrite |
| Gn | galena |
| Mt | magnetite |
| Mo | molybdenite |
| Po | pyrrhotite |
| Py | pyrite |
| Sw | stockwork pyrite |
| V.G. | visible gold |

| Intensity Code | |
|---|---|
| Cpy | trace to 1% |
| [Cpy] | 1–3% |
| CPY | 3–7% |
| [CPY] | 7–15% |
| {CPY} | >15% |

## Veining

| | |
|---|---|
| Av | ankerite |
| Cv | calcite |
| Epv | epidote |
| Hemv | hematite |
| Mtv | magnetite |
| Qv | quartz |
| Qtourv | quartz–tourmaline |
| Qav | quartz ankerite |
| Qcv | quartz calcite |
| Tourv | tourmaline |

| Intensity Code | |
|---|---|
| Qav | 1–5% |
| QAV | 5–15% |
| [QAV] | >15% |

## Structural

| | |
|---|---|
| bd | bedded |
| bnd | banded |
| bx | breccia |
| bxd | brecciated |
| ct | contact |
| f | fault |
| FZ,fz | fault zone |
| flt | faulting |
| fl | flow |
| fr | fracture |
| g | gouge |
| s | shear |
| SZ,sz | shear zone |
| slk | slickenside |

## OTHER

| | |
|---|---|
| fg | fine grained |
| mg | medium grained |
| cg | coarse groined |
| fmg | fine to medium grained |
| fcg | fine to coarse grained |
| int | intermittent |
| loc,l_ | locally (local) eg lmag |
| mag | magnetic |
| mod | moderate |
| st | strong |
| vs | very strong |
| wk,w_ | weak eg wmag |

Revised : July/97

# APPENDIX 2: DETAILS ON ASSAY STANDARDS

| Standard | Certified Value | 2 sigma | Lower limit (-2s) | Upper limit (+2s) | Lower limit (-10%) | Upper limit (+10% |
|---|---|---|---|---|---|---|
| GS-P7E | 0.766 | 0.086 | **0.68** | **0.852** | 0.69 | 0.84 |
| GS-1F | 1.16 | 0.13 | **1.03** | **1.29** | 1.04 | 1.28 |
| GS-IH (ICP) | 0.972 | 0.108 | **0.864** | **1.08** | 0.87 | 1.07 |
| GS-IJ (ICP/AA) | 0.946 | 0.102 | **0.844** | **1.048** | 0.85 | 1.04 |
| GS-1K (ICP/AA) | 0.867 | 0.098 | **0.769** | **0.965** | 0.78 | 0.95 |
| GS-1L (ICP/AA) | 1.16 | 0.1 | **1.06** | **1.26** | 1.04 | 1.28 |
| GS-1P5E (ICP/AA) | 1.52 | 0.11 | **1.41** | **1.63** | 1.37 | 1.67 |
| GS-1P5F (ICP/AA) | 1.4 | 0.12 | **1.28** | **1.52** | 1.26 | 1.54 |
| GS-2L (ICP/AA) | 2.34 | 0.24 | **2.1** | **2.58** | 2.11 | 2.57 |
| GS-4C (ICP) | 4.26 | 0.22 | **4.04** | **4.48** | 3.83 | 4.69 |
| GS-4C (grav) | 4.25 | 0.2 | **4.05** | **4.45** | 3.83 | 4.68 |
| GS-6A (ICP) | 5.69 | 0.48 | **5.21** | **6.17** | 5.12 | 6.26 |
| GS-6A (grav) | 5.79 | 0.46 | **5.33** | **6.25** | 5.21 | 6.37 |

## APPENDIX 3: COPY OF ASSAY SHEETS

| Analyte Symbol | Au | Pd | Pt | Ag | Cu | Ni | Co |
|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppb | ppb | ppm | % | % | % |
| Detection Limit | 5 | 1 | 1 | 3 | 0.001 | 0.003 | 0.003 |
| Analysis Method | FA-AA | FA-MS | FA-MS | ICP-OES | ICP-OES | ICP-OES | ICP-OES |
| 1242501 | < 5 | | | | | | |
| 1242502 | 8 | | | | | | |
| 1242503 | < 5 | | | | | | |
| 1242504 | < 5 | | | | | | |
| 1242505 | < 5 | | | | | | |
| 1242506 | < 5 | | | | | | |
| 1242507 | 9 | | | | | | |
| 1242508 | < 5 | | | | | | |
| 1242509 | < 5 | | | | | | |
| 1242510 | < 5 | | | | | | |
| 1242511 | < 5 | | | | | | |
| 1242512 | < 5 | | | | | | |
| 1242513 | < 5 | | | | | | |
| 1242514 | < 5 | | | | | | |
| 1242515 | < 5 | | | | | | |
| 1242516 | < 5 | | | | | | |
| 1242517 | < 5 | | | | | | |
| 1242518 | < 5 | | | | | | |
| 1242519 | < 5 | | | | | | |
| 1242520 | < 5 | | | | | | |
| 1242521 | < 5 | | | | | | |
| 1242522 | < 5 | | | | | | |
| 1242523 | < 5 | | | | | | |
| 1242524 | 8 | | | | | | |
| 1242525 | < 5 | | | | | | |
| 1242526 | < 5 | | | | | | |
| 1242527 | < 5 | | | | | | |
| 1242528 | 7 | | | | | | |
| 1242529 | < 5 | | | | | | |
| 1242530 | < 5 | | | | | | |
| 1242531 | < 5 | | | | | | |
| 1242532 | 5 | | | | | | |
| 1242533 | < 5 | < 1 | < 1 | < 3 | 0.012 | 0.005 | 0.005 |
| 1242534 | < 5 | | | | | | |
| 1242535 | < 5 | | | | | | |
| 1242536 | 806 | | | | | | |

| Analyte Symbol | Au | Pd | Pt | Ag | Cu | Ni | Co |
|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppb | ppb | ppm | % | % | % |
| Detection Limit | 5 | 1 | 1 | 3 | 0.001 | 0.003 | 0.003 |
| Analysis Method | FA-AA | FA-MS | FA-MS | ICP-OES | ICP-OES | ICP-OES | ICP-OES |
| 1242537 | 9 | | | | | | |
| 1242538 | < 5 | | | | | | |
| 1242539 | < 5 | | | | | | |
| 1242540 | < 5 | | | | | | |
| 1242541 | < 5 | | | | | | |
| 1242542 | < 5 | | | | | | |
| 1242543 | 10 | | | | | | |
| 1242544 | < 5 | | | | | | |
| 1242545 | 10 | | | | | | |
| 1242546 | 22 | | | | | | |
| 1242547 | 7 | | | | | | |
| 1242548 | 204 | | | | | | |
| 1242549 | 75 | | | | | | |
| 1242550 | 17 | | | | | | |
| 1242551 | 16 | | | | | | |
| 1242552 | 8 | | | | | | |
| 1242553 | 13 | | | | | | |
| 1242554 | 31 | | | | | | |
| 1242555 | 9 | | | | | | |
| 1242556 | 8 | | | | | | |
| 1242557 | 10 | | | | | | |
| 1242558 | 8 | | | | | | |
| 1242559 | 12 | | | | | | |
| 1242560 | 6 | | | | | | |
| 1242561 | < 5 | | | | | | |
| 1242562 | 7 | | | | | | |
| 1242563 | 8 | | | | | | |
| 1242564 | 8 | | | | | | |
| 1242565 | < 5 | | | | | | |
| 1242566 | < 5 | < 1 | < 1 | < 3 | 0.009 | 0.004 | 0.006 |
| 1242567 | < 5 | | | | | | |
| 1242568 | < 5 | | | | | | |
| 1242569 | < 5 | | | | | | |
| 1242570 | 5 | | | | | | |
| 1242571 | 6 | | | | | | |
| 1242572 | 795 | | | | | | |

| Analyte Symbol | Au | Pd | Pt | Ag | Cu | Ni | Co | Au |
|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppb | ppb | ppm | % | % | % | g/tonne |
| Detection Limit | 5 | 1 | 1 | 3 | 0.001 | 0.003 | 0.003 | 0.03 |
| Analysis Method | FA-AA | FA-MS | FA-MS | ICP-OES | ICP-OES | ICP-OES | ICP-OES | FA-GRA |
| 1242573 | 9 | | | | | | | |
| 1242574 | 10 | | | | | | | |
| 1242575 | 12 | | | | | | | |
| 1242576 | < 5 | < 1 | < 1 | < 3 | 0.012 | < 0.003 | 0.007 | |
| 1242577 | < 5 | | | | | | | |
| 1242578 | 7 | | | | | | | |
| 1242579 | < 5 | | | | | | | |
| 1242580 | < 5 | | | | | | | |
| 1242581 | < 5 | | | | | | | |
| 1242582 | < 5 | | | | | | | |
| 1242583 | < 5 | | | | | | | |
| 1242584 | < 5 | | | | | | | |
| 1242585 | < 5 | | | | | | | |
| 1242586 | < 5 | | | | | | | |
| 1242587 | < 5 | | | | | | | |
| 1242588 | < 5 | | | | | | | |
| 1242589 | < 5 | | | | | | | |
| 1242590 | < 5 | | | | | | | |
| 1242591 | < 5 | | | | | | | |
| 1242592 | < 5 | | | | | | | |
| 1242593 | < 5 | | | | | | | |
| 1242594 | < 5 | | | | | | | |
| 1242595 | < 5 | | | | | | | |
| 1242596 | < 5 | | | | | | | |
| 1242597 | < 5 | | | | | | | |
| 1242598 | < 5 | | | | | | | |
| 1242599 | < 5 | | | | | | | |
| 1242600 | < 5 | | | | | | | |
| 1242601 | < 5 | | | | | | | |
| 1242602 | < 5 | | | | | | | |
| 1242603 | < 5 | | | | | | | |
| 1242604 | < 5 | | | | | | | |
| 1242605 | < 5 | | | | | | | |
| 1242606 | < 5 | | | | | | | |
| 1242607 | < 5 | | | | | | | |
| 1242608 | > 3000 | | | | | | | 5.51 |
| 1242609 | < 5 | | | | | | | |
| 1242610 | < 5 | | | | | | | |
| 1242611 | < 5 | < 1 | < 1 | < 3 | 0.016 | < 0.003 | 0.007 | |
| 1242612 | < 5 | | | | | | | |
| 1242613 | < 5 | | | | | | | |
| 1242614 | < 5 | | | | | | | |
| 1242615 | < 5 | | | | | | | |
| 1242616 | < 5 | | | | | | | |
| 1242617 | 7 | | | | | | | |
| 1242618 | < 5 | | | | | | | |
| 1242619 | < 5 | | | | | | | |
| 1242620 | < 5 | | | | | | | |
| 1242621 | < 5 | | | | | | | |
| 1242622 | < 5 | | | | | | | |
| 1242623 | < 5 | | | | | | | |
| 1242624 | < 5 | | | | | | | |

| Analyte Symbol | Au | Pd | Pt | Ag | Cu | Ni | Co | Au |
|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppb | ppb | ppm | % | % | % | g/tonne |
| Detection Limit | 5 | 1 | 1 | 3 | 0.001 | 0.003 | 0.003 | 0.03 |
| Analysis Method | FA-AA | FA-MS | FA-MS | ICP-OES | ICP-OES | ICP-OES | ICP-OES | FA-GRA |
| 1242625 | < 5 | | | | | | | |
| 1242626 | < 5 | | | | | | | |
| 1242627 | < 5 | | | | | | | |
| 1242628 | < 5 | | | | | | | |
| 1242629 | < 5 | | | | | | | |
| 1242630 | < 5 | | | | | | | |
| 1242631 | < 5 | | | | | | | |
| 1242632 | < 5 | | | | | | | |
| 1242633 | < 5 | | | | | | | |
| 1242634 | < 5 | | | | | | | |
| 1242635 | < 5 | | | | | | | |
| 1242636 | < 5 | | | | | | | |
| 1242637 | < 5 | | | | | | | |
| 1242638 | < 5 | | | | | | | |
| 1242639 | < 5 | | | | | | | |
| 1242640 | < 5 | | | | | | | |
| 1242641 | < 5 | | | | | | | |
| 1242642 | < 5 | | | | | | | |
| 1242643 | < 5 | | | | | | | |
| 1242644 | > 3000 | | | | | | | 5.53 |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242645 | < 5 | |
| 1242646 | < 5 | |
| 1242647 | 5 | |
| 1242648 | < 5 | |
| 1242649 | < 5 | |
| 1242650 | < 5 | |
| 1242651 | < 5 | |
| 1242652 | < 5 | |
| 1242653 | < 5 | |
| 1242654 | < 5 | |
| 1242655 | < 5 | |
| 1242656 | < 5 | |
| 1242657 | < 5 | |
| 1242658 | 16 | |
| 1242659 | < 5 | |
| 1242660 | < 5 | |
| 1242661 | < 5 | |
| 1242662 | < 5 | |
| 1242663 | < 5 | |
| 1242664 | < 5 | |
| 1242665 | 6 | |
| 1242666 | < 5 | |
| 1242667 | < 5 | |
| 1242668 | < 5 | |
| 1242669 | < 5 | |
| 1242670 | < 5 | |
| 1242671 | < 5 | |
| 1242672 | < 5 | |
| 1242673 | < 5 | |
| 1242674 | < 5 | |
| 1242675 | < 5 | |
| 1242676 | < 5 | |
| 1242677 | < 5 | |
| 1242678 | < 5 | |
| 1242679 | < 5 | |
| 1242680 | 837 | |
| 1242681 | < 5 | |
| 1242682 | < 5 | |
| 1242683 | < 5 | |
| 1242684 | < 5 | |
| 1242685 | < 5 | |
| 1242686 | < 5 | |
| 1242687 | < 5 | |
| 1242688 | < 5 | |
| 1242689 | < 5 | |
| 1242690 | < 5 | |
| 1242691 | < 5 | |
| 1242692 | < 5 | |
| 1242693 | < 5 | |
| 1242694 | 6 | |
| 1242695 | 6 | |
| 1242696 | < 5 | |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242697 | < 5 | |
| 1242698 | < 5 | |
| 1242699 | < 5 | |
| 1242700 | < 5 | |
| 1242701 | < 5 | |
| 1242702 | 6 | |
| 1242703 | < 5 | |
| 1242704 | 6 | |
| 1242705 | < 5 | |
| 1242706 | < 5 | |
| 1242707 | < 5 | |
| 1242708 | < 5 | |
| 1242709 | < 5 | |
| 1242710 | < 5 | |
| 1242711 | < 5 | |
| 1242712 | < 5 | |
| 1242713 | < 5 | |
| 1242714 | < 5 | |
| 1242715 | < 5 | |
| 1242716 | > 3000 | 5.73 |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242717 | < 5 | |
| 1242718 | < 5 | |
| 1242719 | < 5 | |
| 1242720 | < 5 | |
| 1242721 | < 5 | |
| 1242722 | < 5 | |
| 1242723 | < 5 | |
| 1242724 | < 5 | |
| 1242725 | < 5 | |
| 1242726 | < 5 | |
| 1242727 | < 5 | |
| 1242728 | < 5 | |
| 1242729 | < 5 | |
| 1242730 | < 5 | |
| 1242731 | < 5 | |
| 1242732 | < 5 | |
| 1242733 | < 5 | |
| 1242734 | < 5 | |
| 1242735 | < 5 | |
| 1242736 | < 5 | |
| 1242737 | < 5 | |
| 1242738 | < 5 | |
| 1242739 | < 5 | |
| 1242740 | < 5 | |
| 1242741 | < 5 | |
| 1242742 | < 5 | |
| 1242743 | < 5 | |
| 1242744 | < 5 | |
| 1242745 | < 5 | |
| 1242746 | < 5 | |
| 1242747 | < 5 | |
| 1242748 | < 5 | |
| 1242749 | < 5 | |
| 1242750 | < 5 | |
| 1242751 | < 5 | |
| 1242752 | > 3000 | 5.81 |
| 1242753 | < 5 | |
| 1242754 | < 5 | |
| 1242755 | < 5 | |
| 1242756 | 7 | |
| 1242757 | 8 | |
| 1242758 | < 5 | |
| 1242759 | 6 | |
| 1242760 | < 5 | |
| 1242761 | 1330 | |
| 1242762 | 6 | |
| 1242763 | < 5 | |
| 1242764 | < 5 | |
| 1242765 | < 5 | |
| 1242766 | 12 | |
| 1242767 | < 5 | |
| 1242768 | < 5 | |



TS1301 & TS1311

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242769 | < 5 | |
| 1242770 | < 5 | |
| 1242771 | < 5 | |
| 1242772 | < 5 | |
| 1242773 | < 5 | |
| 1242774 | < 5 | |
| 1242775 | < 5 | |
| 1242776 | < 5 | |
| 1242777 | < 5 | |
| 1242778 | < 5 | |
| 1242779 | < 5 | |
| 1242780 | 13 | |
| 1242781 | 10 | |
| 1242782 | 7 | |
| 1242783 | 10 | |
| 1242784 | 16 | |
| 1242785 | < 5 | |
| 1242786 | < 5 | |
| 1242787 | 6 | |
| 1242788 | 721 | |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1242789 | 9 |
| 1242790 | 11 |
| 1242791 | 5 |
| 1242792 | < 5 |
| 1242793 | 8 |
| 1242794 | 5 |
| 1242795 | < 5 |
| 1242796 | 15 |
| 1242797 | 11 |
| 1242798 | 85 |
| 1242799 | < 5 |
| 1242800 | 5 |
| 1242801 | < 5 |
| 1242802 | < 5 |
| 1242803 | 128 |
| 1242804 | < 5 |
| 1242805 | 23 |
| 1242806 | < 5 |
| 1242807 | < 5 |
| 1242808 | < 5 |
| 1242809 | 7 |
| 1242810 | < 5 |
| 1242811 | 14 |
| 1242812 | < 5 |
| 1242813 | 596 |
| 1242814 | 281 |
| 1242815 | 177 |
| 1242816 | 551 |
| 1242817 | < 5 |
| 1242818 | 617 |
| 1242819 | 14 |
| 1242820 | 13 |
| 1242821 | 2570 |
| 1242822 | < 5 |
| 1242823 | 300 |
| 1242824 | 1090 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1242789 | < 5 |
| 1242790 | < 5 |
| 1242791 | < 5 |
| 1242792 | < 5 |
| 1242793 | < 5 |
| 1242794 | < 5 |
| 1242795 | < 5 |
| 1242796 | 13 |
| 1242797 | 9 |
| 1242798 | 74 |
| 1242799 | < 5 |
| 1242800 | < 5 |
| 1242801 | < 5 |
| 1242802 | < 5 |
| 1242803 | 183 |
| 1242804 | < 5 |
| 1242805 | 28 |
| 1242806 | < 5 |
| 1242807 | < 5 |
| 1242808 | < 5 |
| 1242809 | < 5 |
| 1242810 | < 5 |
| 1242811 | < 5 |
| 1242812 | < 5 |
| 1242813 | 593 |
| 1242814 | 322 |
| 1242815 | 159 |
| 1242816 | 595 |
| 1242817 | < 5 |
| 1242818 | 1260 |
| 1242819 | < 5 |
| 1242820 | 8 |
| 1242821 | 2360 |
| 1242822 | < 5 |
| 1242823 | 261 |
| 1242824 | 1010 |

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|---|---|---|---|---|---|---|---|
| Unit Symbol | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Detection Limit | 0.07 | 0.07 | 0.07 | 0.07 | | | |
| Analysis Method | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 1242831 | 0.33 | 0.81 | 0.70 | 0.73 | 24.12 | 459.00 | 483.12 |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242825 | 2350 | |
| 1242826 | 165 | |
| 1242827 | 35 | |
| 1242828 | 35 | |
| 1242829 | 373 | |
| 1242830 | 19 | |
| 1242831 | 562 | |
| 1242832 | 150 | |
| 1242833 | 29 | |
| 1242834 | 26 | |
| 1242835 | 9 | |
| 1242836 | 59 | |
| 1242837 | < 5 | |
| 1242838 | 6 | |
| 1242839 | 36 | |
| 1242840 | 14 | |
| 1242841 | 7 | |
| 1242842 | 701 | |
| 1242843 | 29 | |
| 1242844 | 10 | |
| 1242845 | 27 | |
| 1242846 | 13 | |
| 1242847 | 8 | |
| 1242848 | < 5 | |
| 1242849 | < 5 | |
| 1242850 | < 5 | |
| 1242851 | < 5 | |
| 1242852 | < 5 | |
| 1242853 | 41 | |
| 1242854 | < 5 | |
| 1242855 | 11 | |
| 1242856 | < 5 | |
| 1242857 | < 5 | |
| 1242858 | < 5 | |
| 1242859 | < 5 | |
| 1242860 | > 3000 | 5.56 |
| 1242861 | < 5 | |
| 1242862 | < 5 | |
| 1242863 | < 5 | |
| 1242864 | < 5 | |
| 1242865 | < 5 | |
| 1242866 | < 5 | |
| 1242867 | < 5 | |
| 1242868 | 27 | |
| 1242869 | < 5 | |
| 1242870 | 10 | |
| 1242871 | < 5 | |
| 1242872 | 6 | |
| 1242873 | < 5 | |
| 1242874 | < 5 | |
| 1242875 | < 5 | |
| 1242876 | 17 | |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242877 | 18 | |
| 1242878 | < 5 | |
| 1242879 | < 5 | |
| 1242880 | < 5 | |
| 1242881 | 8 | |
| 1242882 | < 5 | |
| 1242883 | < 5 | |
| 1242884 | < 5 | |
| 1242885 | < 5 | |
| 1242886 | < 5 | |
| 1242887 | < 5 | |
| 1242888 | 15 | |
| 1242889 | 25 | |
| 1242890 | 562 | |
| 1242891 | 11 | |
| 1242892 | 8 | |
| 1242893 | 6 | |
| 1242894 | < 5 | |
| 1242895 | < 5 | |
| 1242896 | 796 | |
| 1242897 | 7 | |
| 1242898 | 13 | |
| 1242899 | 21 | |
| 1242900 | 232 | |
| 1242901 | 31 | |
| 1242902 | 254 | |
| 1242903 | 6 | |
| 1242904 | 2030 | |
| 1242905 | 6 | |
| 1242906 | 227 | |
| 1242907 | 530 | |
| 1242908 | 23 | |
| 1242909 | 25 | |
| 1242910 | 137 | |
| 1242911 | 149 | |
| 1242912 | 25 | |
| 1242913 | 6 | |
| 1242914 | 7 | |
| 1242915 | 258 | |
| 1242916 | 40 | |
| 1242917 | 17 | |
| 1242918 | 14 | |
| 1242919 | 7 | |
| 1242920 | 14 | |
| 1242921 | 10 | |
| 1242922 | 15 | |
| 1242923 | 238 | |
| 1242924 | 138 | |
| 1242925 | 11 | |
| 1242926 | 10 | |
| 1242927 | 171 | |
| 1242928 | 536 | |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242929 | 333 | |
| 1242930 | < 5 | |
| 1242931 | 30 | |
| 1242932 | 928 | |

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|---|---|---|---|---|---|---|---|
| Unit Symbol | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Detection Limit | 0.07 | 0.07 | 0.07 | 0.07 | | | |
| Analysis Method | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 1242947 | 0.45 | 0.75 | 0.78 | 0.74 | 37.50 | 444.00 | 481.50 |



TK1717

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242933 | 13 | |
| 1242934 | 576 | |
| 1242935 | 73 | |
| 1242936 | 9 | |
| 1242937 | 27 | |
| 1242938 | 264 | |
| 1242939 | 126 | |
| 1242940 | 48 | |
| 1242941 | 617 | |
| 1242942 | 327 | |
| 1242943 | 275 | |
| 1242944 | 30 | |
| 1242945 | 1260 | |
| 1242946 | 616 | |
| 1242947 | 1150 | |
| 1242948 | 160 | |
| 1242949 | 129 | |
| 1242950 | 296 | |
| 1242951 | 400 | |
| 1242952 | 354 | |
| 1242953 | > 3000 | 19.5 |
| 1242954 | 859 | |
| 1242955 | 35 | |
| 1242956 | 47 | |
| 1242957 | 20 | |
| 1242958 | 229 | |
| 1242959 | 95 | |
| 1242960 | 334 | |
| 1242961 | 328 | |
| 1242962 | 216 | |
| 1242963 | 77 | |
| 1242964 | 20 | |
| 1242965 | 21 | |
| 1242966 | < 5 | |
| 1242967 | 38 | |
| 1242968 | 981 | |
| 1242969 | 14 | |
| 1242970 | 854 | |
| 1242971 | 194 | |
| 1242972 | 287 | |
| 1242973 | 26 | |
| 1242974 | 166 | |
| 1242975 | 23 | |
| 1242976 | 17 | |
| 1242977 | 11 | |
| 1242978 | 13 | |
| 1242979 | 52 | |
| 1242980 | 152 | |
| 1242981 | 69 | |
| 1242982 | 301 | |
| 1242983 | 91 | |
| 1242984 | 65 | |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1242985 | 21 | |
| 1242986 | 73 | |
| 1242987 | 482 | |
| 1242988 | 11 | |
| 1242989 | < 5 | |
| 1242990 | 137 | |
| 1242991 | 365 | |
| 1242992 | 463 | |
| 1242993 | 1090 | |
| 1242994 | 105 | |
| 1242995 | 11 | |
| 1242996 | 478 | |
| 1242997 | 226 | |
| 1242998 | 89 | |
| 1242999 | 11 | |
| 1243000 | < 5 | |
| 1243001 | < 5 | |
| 1243002 | < 5 | |
| 1243003 | 10 | |
| 1243004 | 778 | |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1243005 | 9 |
| 1243006 | 23 |
| 1243007 | 8 |
| 1243008 | 11 |
| 1243009 | 15 |
| 1243010 | < 5 |
| 1243011 | 832 |
| 1243012 | 50 |
| 1243013 | 785 |
| 1243014 | 21 |
| 1243015 | < 5 |
| 1243016 | < 5 |
| 1243017 | 6 |
| 1243018 | 71 |
| 1243019 | 15 |
| 1243020 | 116 |
| 1243021 | < 5 |
| 1243022 | 35 |
| 1243023 | < 5 |
| 1243024 | 17 |
| 1243025 | 6 |
| 1243026 | 18 |
| 1243027 | 7 |
| 1243028 | < 5 |
| 1243029 | 12 |
| 1243030 | 6 |
| 1243031 | 5 |
| 1243032 | 11 |
| 1243033 | 10 |
| 1243034 | 14 |
| 1243035 | 16 |
| 1243036 | 5 |
| 1243037 | < 5 |
| 1243038 | < 5 |
| 1243039 | < 5 |
| 1243040 | 739 |
| 1243041 | < 5 |
| 1243042 | < 5 |
| 1243043 | < 5 |
| 1243044 | < 5 |
| 1243045 | < 5 |
| 1243046 | 1220 |
| 1243047 | 16 |
| 1243048 | 6 |
| 1243049 | < 5 |
| 1243050 | < 5 |
| 1243051 | < 5 |
| 1243052 | < 5 |
| 1243053 | < 5 |
| 1243054 | < 5 |
| 1243055 | < 5 |
| 1243056 | < 5 |



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| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1243057 | 6 |
| 1243058 | < 5 |
| 1243059 | < 5 |
| 1243060 | 9 |
| 1243061 | < 5 |
| 1243062 | 9 |
| 1243063 | 16 |
| 1243064 | 7 |
| 1243065 | 19 |
| 1243066 | < 5 |
| 1243067 | 6 |
| 1243068 | < 5 |
| 1243069 | 8 |
| 1243070 | 11 |
| 1243071 | 42 |
| 1243072 | 17 |
| 1243073 | 36 |
| 1243074 | < 5 |
| 1243075 | 123 |
| 1243076 | 770 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1243077 | 106 |
| 1243078 | 12 |
| 1243079 | 47 |
| 1243080 | 10 |
| 1243081 | 106 |
| 1243082 | 50 |
| 1243083 | 8 |
| 1243084 | 40 |
| 1243085 | 513 |
| 1243086 | 20 |
| 1243087 | 7 |
| 1243088 | 63 |
| 1243089 | 32 |
| 1243090 | 40 |
| 1243091 | 41 |
| 1243092 | 32 |
| 1243093 | 10 |
| 1243094 | 51 |
| 1243095 | 41 |
| 1243096 | 653 |
| 1243097 | 163 |
| 1243098 | 1370 |
| 1243099 | 745 |
| 1243100 | 201 |
| 1243101 | 520 |
| 1243102 | 286 |
| 1243103 | 100 |
| 1243104 | 92 |
| 1243105 | 74 |
| 1243106 | 300 |
| 1243107 | 1090 |
| 1243108 | < 5 |
| 1243109 | 183 |
| 1243110 | 914 |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1243111 | 157 | |
| 1243112 | 5 | |
| 1243113 | 566 | |
| 1243114 | 608 | |
| 1243115 | 23 | |
| 1243116 | 146 | |
| 1243117 | 44 | |
| 1243118 | 389 | |
| 1243119 | 222 | |
| 1243120 | 184 | |
| 1243121 | 53 | |
| 1243122 | 700 | |
| 1243123 | 2670 | |
| 1243124 | 161 | |
| 1243125 | 35 | |
| 1243126 | 564 | |
| 1243127 | 1330 | |
| 1243128 | 20 | |
| 1243129 | 29 | |
| 1243130 | 210 | |
| 1243131 | 15 | |
| 1243132 | 28 | |
| 1243133 | 14 | |
| 1243134 | 52 | |
| 1243135 | 306 | |
| 1243136 | 73 | |
| 1243137 | 94 | |
| 1243138 | 37 | |
| 1243139 | 16 | |
| 1243140 | 72 | |
| 1243141 | 216 | |
| 1243142 | 59 | |
| 1243143 | 34 | |
| 1243144 | < 5 | |
| 1243145 | < 5 | |
| 1243146 | > 3000 | 5.80 |



TRIPG

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1243147 | 20 | |
| 1243148 | 25 | |
| 1243149 | 11 | |
| 1243150 | 134 | |
| 1243151 | 6 | |
| 1243152 | 41 | |
| 1243153 | 20 | |
| 1243154 | < 5 | |
| 1243155 | 29 | |
| 1243156 | < 5 | |
| 1243157 | < 5 | |
| 1243158 | 592 | |
| 1243159 | 250 | |
| 1243160 | 395 | |
| 1243161 | 449 | |
| 1243162 | 502 | |
| 1243163 | 269 | |
| 1243164 | 8 | |
| 1243165 | 15 | |
| 1243166 | 18 | |
| 1243167 | 42 | |
| 1243168 | 167 | |
| 1243169 | 1280 | |
| 1243170 | 264 | |
| 1243171 | 1380 | |
| 1243172 | 252 | |
| 1243173 | 862 | |
| 1243174 | 431 | |
| 1243175 | 89 | |
| 1243176 | 129 | |
| 1243177 | 7 | |
| 1243178 | 347 | |
| 1243179 | 239 | |
| 1243180 | < 5 | |
| 1243181 | 229 | |
| 1243182 | 790 | |
| 1243183 | 83 | |
| 1243184 | 51 | |
| 1243185 | 34 | |
| 1243186 | 27 | |
| 1243187 | < 5 | |
| 1243188 | < 5 | |
| 1243189 | 22 | |
| 1243190 | 7 | |
| 1243191 | 6 | |
| 1243192 | 368 | |
| 1243193 | 5 | |
| 1243194 | < 5 | |
| 1243195 | 6 | |
| 1243196 | < 5 | |
| 1243197 | < 5 | |
| 1243198 | 10 | |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1243199 | 5 | |
| 1243200 | 64 | |
| 1243201 | 9 | |
| 1243202 | < 5 | |
| 1243203 | < 5 | |
| 1243204 | 1970 | |
| 1243205 | 752 | |
| 1243206 | 1660 | |
| 1243207 | 37 | |
| 1243208 | < 5 | |
| 1243209 | < 5 | |
| 1243210 | 165 | |
| 1243211 | 97 | |
| 1243212 | 10 | |
| 1243213 | 125 | |
| 1243214 | < 5 | |
| 1243215 | < 5 | |
| 1243216 | < 5 | |
| 1243217 | < 5 | |
| 1243218 | > 3000 | 6.04 |
| 1243219 | 23 | |
| 1243220 | 6 | |
| 1243221 | 7 | |
| 1243222 | < 5 | |
| 1243223 | 44 | |
| 1243224 | < 5 | |
| 1243225 | 26 | |
| 1243226 | 12 | |
| 1243227 | < 5 | |
| 1243228 | < 5 | |
| 1243229 | < 5 | |
| 1243230 | < 5 | |
| 1243231 | < 5 | |
| 1243232 | < 5 | |
| 1243233 | < 5 | |
| 1243234 | < 5 | |
| 1243235 | < 5 | |
| 1243236 | < 5 | |
| 1243237 | < 5 | |
| 1243238 | < 5 | |
| 1243239 | < 5 | |
| 1243240 | < 5 | |
| 1243241 | 5 | |
| 1243242 | 16 | |
| 1243243 | < 5 | |
| 1243244 | < 5 | |
| 1243245 | 8 | |
| 1243246 | 20 | |
| 1243247 | 9 | |
| 1243248 | < 5 | |
| 1243249 | 11 | |
| 1243250 | 12 | |



TS1209 & TS1210

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|---|---|---|---|---|---|---|---|
| Unit Symbol | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Detection Limit | 0.07 | 0.07 | 0.07 | 0.07 | | | |
| Analysis Method | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 1243169 | 1.16 | 1.96 | 1.82 | 1.84 | 28.56 | 456.00 | 484.56 |
| 1243204 | 0.45 | 2.19 | 2.41 | 2.21 | 24.19 | 457.00 | 481.18 |
| 1243342 | 0.62 | 0.49 | 0.60 | 0.55 | 35.65 | 437.00 | 472.65 |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1243251 | < 5 | |
| 1243252 | < 5 | |
| 1243253 | < 5 | |
| 1243254 | 963 | |
| 1243255 | < 5 | |
| 1243256 | < 5 | |
| 1243257 | < 5 | |
| 1243258 | < 5 | |
| 1243259 | < 5 | |
| 1243260 | 9 | |
| 1243261 | < 5 | |
| 1243262 | 6 | |
| 1243263 | < 5 | |
| 1243264 | < 5 | |
| 1243265 | < 5 | |
| 1243266 | < 5 | |
| 1243267 | < 5 | |
| 1243268 | < 5 | |
| 1243269 | < 5 | |
| 1243270 | < 5 | |
| 1243271 | < 5 | |
| 1243272 | < 5 | |
| 1243273 | < 5 | |
| 1243274 | < 5 | |
| 1243275 | 7 | |
| 1243276 | < 5 | |
| 1243277 | < 5 | |
| 1243278 | < 5 | |
| 1243279 | < 5 | |
| 1243280 | < 5 | |
| 1243281 | < 5 | |
| 1243282 | < 5 | |
| 1243283 | < 5 | |
| 1243284 | < 5 | |
| 1243285 | < 5 | |
| 1243286 | < 5 | |
| 1243287 | 400 | |
| 1243288 | < 5 | |
| 1243289 | < 5 | |
| 1243290 | 996 | |
| 1243291 | 8 | |
| 1243292 | < 5 | |
| 1243293 | 11 | |
| 1243294 | < 5 | |
| 1243295 | < 5 | |
| 1243296 | < 5 | |
| 1243297 | < 5 | |
| 1243298 | < 5 | |
| 1243299 | < 5 | |
| 1243300 | < 5 | |
| 1243301 | < 5 | |
| 1243302 | < 5 | |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1243303 | < 5 | |
| 1243304 | < 5 | |
| 1243305 | < 5 | |
| 1243306 | < 5 | |
| 1243307 | < 5 | |
| 1243308 | < 5 | |
| 1243309 | 29 | |
| 1243310 | 194 | |
| 1243311 | 499 | |
| 1243312 | 453 | |
| 1243313 | 431 | |
| 1243314 | 12 | |
| 1243315 | < 5 | |
| 1243316 | < 5 | |
| 1243317 | 28 | |
| 1243318 | < 5 | |
| 1243319 | < 5 | |
| 1243320 | 14 | |
| 1243321 | < 5 | |
| 1243322 | < 5 | |
| 1243323 | < 5 | |
| 1243324 | < 5 | |
| 1243325 | > 3000 | 5.95 |
| 1243326 | 835 | |
| 1243327 | 10 | |
| 1243328 | < 5 | |
| 1243329 | 17 | |
| 1243330 | 56 | |
| 1243331 | 7 | |
| 1243332 | 51 | |
| 1243333 | 30 | |
| 1243334 | < 5 | |
| 1243335 | 991 | |
| 1243336 | 33 | |
| 1243337 | 78 | |
| 1243338 | < 5 | |
| 1243339 | 15 | |
| 1243340 | 46 | |
| 1243341 | 2480 | |
| 1243342 | 2610 | |
| 1243343 | 5 | |
| 1243344 | < 5 | |
| 1243345 | < 5 | |
| 1243346 | < 5 | |
| 1243347 | < 5 | |
| 1243348 | < 5 | |
| 1243349 | < 5 | |
| 1243350 | 8 | |
| 1243351 | < 5 | |
| 1243352 | 90 | |
| 1243353 | < 5 | |
| 1243354 | < 5 | |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| 1243355 | < 5 | |
| 1243356 | 8 | |
| 1243357 | 13 | |
| 1243358 | < 5 | |
| 1243359 | < 5 | |
| 1243360 | < 5 | |
| 1243361 | < 5 | |
| 1243362 | 783 | |
| 1243363 | < 5 | |
| 1243364 | 11 | |
| 1243365 | 85 | |
| 1243366 | 6 | |
| 1243367 | < 5 | |
| 1243368 | < 5 | |
| 1243369 | < 5 | |
| 1243370 | < 5 | |
| 1243371 | 8 | |
| 1243372 | < 5 | |
| 1243373 | < 5 | |
| 1243374 | < 5 | |
| 1243375 | < 5 | |
| 1243376 | < 5 | |
| 1243377 | < 5 | |
| 1243378 | < 5 | |
| 1243379 | < 5 | |
| 1243380 | 8 | |
| 1243381 | < 5 | |
| 1243382 | < 5 | |
| 1243383 | < 5 | |
| 1243384 | 13 | |
| 1243385 | < 5 | |
| 1243386 | 7 | |
| 1243387 | < 5 | |
| 1243388 | < 5 | |
| 1243389 | 7 | |
| 1243390 | < 5 | |
| 1243391 | < 5 | |
| 1243392 | < 5 | |
| 1243393 | < 5 | |
| 1243394 | < 5 | |
| 1243395 | < 5 | |
| 1243396 | < 5 | |
| 1243397 | 5 | |
| 1243398 | 810 | |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1243399 | 9 |
| 1243400 | 19 |
| 1243401 | < 5 |
| 1243402 | < 5 |
| 1243403 | < 5 |
| 1243404 | < 5 |
| 1243405 | < 5 |
| 1243406 | < 5 |
| 1243407 | < 5 |
| 1243408 | < 5 |
| 1243409 | < 5 |
| 1243410 | < 5 |
| 1243411 | 11 |
| 1243412 | 13 |
| 1243413 | < 5 |
| 1243414 | < 5 |
| 1243415 | < 5 |
| 1243416 | < 5 |
| 1243417 | < 5 |
| 1243418 | < 5 |
| 1243419 | < 5 |
| 1243420 | < 5 |
| 1243421 | 77 |
| 1243422 | < 5 |
| 1243423 | < 5 |
| 1243424 | < 5 |
| 1243425 | 5 |
| 1243426 | < 5 |
| 1243427 | 7 |
| 1243428 | < 5 |
| 1243429 | 9 |
| 1243430 | < 5 |
| 1243431 | < 5 |
| 1243432 | < 5 |
| 1243433 | < 5 |
| 1243434 | 823 |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| W1243435 | < 5 | |
| W1243436 | < 5 | |
| W1243437 | < 5 | |
| W1243438 | < 5 | |
| W1243439 | < 5 | |
| W1243440 | 58 | |
| W1243441 | 17 | |
| W1243442 | < 5 | |
| W1243443 | < 5 | |
| W1243444 | < 5 | |
| W1243445 | 8 | |
| W1243446 | < 5 | |
| W1243447 | < 5 | |
| W1243448 | < 5 | |
| W1243449 | 8 | |
| W1243450 | 16 | |
| W1243451 | 703 | |
| W1243452 | 18 | |
| W1243453 | < 5 | |
| W1243454 | 9 | |
| W1243455 | < 5 | |
| W1243456 | 32 | |
| W1243457 | < 5 | |
| W1243458 | 5 | |
| W1243459 | 252 | |
| W1243460 | 37 | |
| W1243461 | 70 | |
| W1243462 | > 3000 | 5.49 |
| W1243463 | 13 | |
| W1243464 | 8 | |
| W1243465 | 12 | |
| W1243466 | 8 | |
| W1243467 | < 5 | |
| W1243468 | < 5 | |
| W1243469 | < 5 | |
| W1243470 | 1140 | |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| W1243435 | < 5 | |
| W1243436 | < 5 | |
| W1243437 | < 5 | |
| W1243438 | < 5 | |
| W1243439 | < 5 | |
| W1243440 | 73 | |
| W1243441 | 15 | |
| W1243442 | < 5 | |
| W1243443 | < 5 | |
| W1243444 | < 5 | |
| W1243445 | 6 | |
| W1243446 | < 5 | |
| W1243447 | < 5 | |
| W1243448 | < 5 | |
| W1243449 | < 5 | |
| W1243450 | 16 | |
| W1243451 | 650 | |
| W1243452 | 15 | |
| W1243453 | < 5 | |
| W1243454 | 7 | |
| W1243455 | < 5 | |
| W1243456 | 24 | |
| W1243457 | < 5 | |
| W1243458 | 6 | |
| W1243459 | 255 | |
| W1243460 | 45 | |
| W1243461 | 59 | |
| W1243462 | > 3000 | 5.50 |
| W1243463 | 8 | |
| W1243464 | < 5 | |
| W1243465 | 12 | |
| W1243466 | < 5 | |
| W1243467 | < 5 | |
| W1243468 | < 5 | |
| W1243469 | < 5 | |
| W1243470 | 993 | |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1243471 | < 5 |
| 1243472 | < 5 |
| 1243473 | < 5 |
| 1243474 | 16 |
| 1243475 | < 5 |
| 1243476 | 229 |
| 1243477 | 10 |
| 1243478 | 41 |
| 1243479 | < 5 |
| 1243480 | < 5 |
| 1243481 | < 5 |
| 1243482 | 9 |
| 1243483 | < 5 |
| 1243484 | < 5 |
| 1243485 | 5 |
| 1243486 | 5 |
| 1243487 | < 5 |
| 1243488 | < 5 |
| 1243489 | 6 |
| 1243490 | 23 |
| 1243491 | 15 |
| 1243492 | 13 |
| 1243493 | 5 |
| 1243494 | 8 |
| 1243495 | < 5 |
| 1243496 | < 5 |
| 1243497 | < 5 |
| 1243498 | < 5 |
| 1243499 | < 5 |
| 1243500 | < 5 |
| 1244001 | < 5 |
| 1244002 | < 5 |
| 1244003 | 10 |
| 1244004 | < 5 |
| 1244005 | 10 |
| 1244006 | 720 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1244007 | 7 |
| 1244008 | 7 |
| 1244009 | 5 |
| 1244010 | 10 |
| 1244011 | 6 |
| 1244012 | < 5 |
| 1244013 | < 5 |
| 1244014 | 18 |
| 1244015 | 17 |
| 1244016 | < 5 |
| 1244017 | < 5 |
| 1244018 | < 5 |
| 1244019 | 6 |
| 1244020 | < 5 |
| 1244021 | < 5 |
| 1244022 | 12 |
| 1244023 | < 5 |
| 1244024 | 7 |
| 1244025 | 10 |
| 1244026 | 13 |
| 1244027 | < 5 |
| 1244028 | 10 |
| 1244029 | 8 |
| 1244030 | < 5 |
| 1244031 | 5 |
| 1244032 | < 5 |
| 1244033 | < 5 |
| 1244034 | 6 |
| 1244035 | 31 |
| 1244036 | 8 |
| 1244037 | < 5 |
| 1244038 | 16 |
| 1244039 | < 5 |
| 1244040 | < 5 |
| 1244041 | < 5 |
| 1244042 | 776 |

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|---|---|---|---|---|---|---|---|
| Unit Symbol | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Detection Limit | 0.07 | 0.07 | 0.07 | 0.07 | | | |
| Analysis Method | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 1244029 | < 0.07 | < 0.07 | < 0.07 | < 0.07 | 34.68 | 452.00 | 486.68 |
| 1244032 | < 0.07 | < 0.07 | < 0.07 | < 0.07 | 28.33 | 316.00 | 344.33 |



TR13.3

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| 1244043 | < 5 |
| 1244044 | 5 |
| 1244045 | 7 |
| 1244046 | < 5 |
| 1244047 | < 5 |
| 1244048 | 7 |
| 1244049 | < 5 |
| 1244050 | 104 |
| 1244051 | < 5 |
| 1244052 | 18 |
| 1244053 | < 5 |
| 1244054 | < 5 |
| 1244055 | 6 |
| 1244056 | 132 |
| 1244057 | < 5 |
| 1244058 | < 5 |
| 1244059 | < 5 |
| 1244060 | < 5 |
| 1244061 | 33 |
| 1244062 | < 5 |
| 1244063 | < 5 |
| 1244064 | 12 |
| 1244065 | < 5 |
| 1244066 | < 5 |
| 1244067 | < 5 |
| 1244068 | < 5 |
| 1244069 | < 5 |
| 1244070 | < 5 |
| 1244071 | 6 |
| 1244072 | 12 |
| 1244073 | 66 |
| 1244074 | < 5 |
| 1244075 | 39 |
| 1244076 | < 5 |
| 1244077 | < 5 |
| 1244078 | 905 |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| W1244079 | < 5 | |
| W1244080 | < 5 | |
| W1244081 | 164 | |
| W1244082 | 801 | |
| W1244083 | 464 | |
| W1244084 | 1300 | |
| W1244085 | 332 | |
| W1244086 | > 3000 | 6.47 |
| W1244087 | 2410 | |
| W1244088 | 785 | |
| W1244089 | 26 | |
| W1244090 | 10 | |
| W1244091 | 5 | |
| W1244092 | 347 | |
| W1244093 | < 5 | |
| W1244094 | 359 | |
| W1244095 | 13 | |
| W1244096 | 171 | |
| W1244097 | 470 | |
| W1244098 | 1240 | |
| W1244099 | 92 | |
| W1244100 | 36 | |
| W1244101 | 12 | |
| W1244102 | 6 | |
| W1244103 | 8 | |
| W1244104 | 115 | |
| W1244105 | 7 | |
| W1244106 | 8 | |
| W1244107 | 24 | |
| W1244108 | 16 | |
| W1244109 | 636 | |
| W1244110 | 18 | |
| W1244111 | > 3000 | 106 |
| W1244112 | < 5 | |
| W1244113 | 88 | |
| W1244114 | 1010 | |

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|---|---|---|---|---|---|---|---|
| Unit Symbol | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Detection Limit | 0.07 | 0.07 | 0.07 | 0.07 | | | |
| Analysis Method | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| W1244087 | 1.93 | 1.86 | 1.59 | 1.74 | 35.80 | 426.00 | 461.80 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244115 | 417 |
| W1244116 | 255 |
| W1244117 | 444 |
| W1244118 | 33 |
| W1244119 | 19 |
| W1244120 | 17 |
| W1244121 | 6 |
| W1244122 | 22 |
| W1244123 | 73 |
| W1244124 | 38 |
| W1244125 | 11 |
| W1244126 | 22 |
| W1244127 | 542 |
| W1244128 | 22 |
| W1244129 | 566 |
| W1244130 | 68 |
| W1244131 | 337 |
| W1244132 | 1620 |
| W1244133 | 17 |
| W1244134 | 72 |
| W1244135 | 778 |
| W1244136 | 12 |
| W1244137 | 5 |
| W1244138 | 9 |
| W1244139 | 185 |
| W1244140 | 5 |
| W1244141 | 25 |
| W1244142 | < 5 |
| W1244143 | 22 |
| W1244144 | 145 |
| W1244145 | 31 |
| W1244146 | 18 |
| W1244147 | 5 |
| W1244148 | 6 |
| W1244149 | 6 |
| W1244150 | 1010 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244151 | 7 |
| W1244152 | 31 |
| W1244153 | 21 |
| W1244154 | 23 |
| W1244155 | 23 |
| W1244156 | 197 |
| W1244157 | 453 |
| W1244158 | 55 |
| W1244159 | 141 |
| W1244160 | 151 |
| W1244161 | 65 |
| W1244162 | 6 |
| W1244163 | < 5 |
| W1244164 | 17 |
| W1244165 | 781 |
| W1244166 | 49 |
| W1244167 | 8 |
| W1244168 | 8 |
| W1244169 | 19 |
| W1244170 | 65 |
| W1244171 | 99 |
| W1244172 | < 5 |
| W1244173 | < 5 |
| W1244174 | < 5 |
| W1244175 | < 5 |
| W1244176 | < 5 |
| W1244177 | < 5 |
| W1244178 | < 5 |
| W1244179 | < 5 |
| W1244180 | < 5 |
| W1244181 | 10 |
| W1244182 | 16 |
| W1244183 | 5 |
| W1244184 | < 5 |
| W1244185 | 8 |
| W1244186 | 806 |

| Analyte Symbol | Au | Au |
|---|---|---|
| Unit Symbol | ppb | g/tonne |
| Detection Limit | 5 | 0.03 |
| Analysis Method | FA-AA | FA-GRA |
| W1244187 | < 5 | |
| W1244188 | < 5 | |
| W1244189 | < 5 | |
| W1244190 | < 5 | |
| W1244191 | < 5 | |
| W1244192 | < 5 | |
| W1244193 | 27 | |
| W1244194 | < 5 | |
| W1244195 | 7 | |
| W1244196 | 107 | |
| W1244197 | 14 | |
| W1244198 | 5 | |
| W1244199 | 5 | |
| W1244200 | 2350 | |
| W1244201 | 543 | |
| W1244202 | > 3000 | 9.41 |
| W1244203 | 282 | |
| W1244204 | 2500 | |
| W1244205 | > 3000 | 5.12 |
| W1244206 | 2620 | |
| W1244207 | 1400 | |
| W1244208 | 26 | |
| W1244209 | 37 | |
| W1244210 | 9 | |
| W1244211 | 50 | |
| W1244212 | 27 | |
| W1244213 | 31 | |
| W1244214 | < 5 | |
| W1244215 | 21 | |
| W1244216 | 47 | |
| W1244217 | 53 | |
| W1244218 | < 5 | |
| W1244219 | < 5 | |
| W1244220 | < 5 | |
| W1244221 | < 5 | |
| W1244222 | 749 | |

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|---|---|---|---|---|---|---|---|
| Unit Symbol | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Detection Limit | 0.07 | 0.07 | 0.07 | 0.07 | | | |
| Analysis Method | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| W1244203 | 0.20 | 0.33 | 0.40 | 0.35 | 34.29 | 447.00 | 481.29 |
| W1244207 | 0.57 | 0.91 | 1.03 | 0.94 | 33.14 | 434.00 | 467.14 |



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| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244223 | < 5 |
| W1244224 | < 5 |
| W1244225 | < 5 |
| W1244226 | 34 |
| W1244227 | < 5 |
| W1244228 | < 5 |
| W1244229 | < 5 |
| W1244230 | 8 |
| W1244231 | < 5 |
| W1244232 | < 5 |
| W1244233 | < 5 |
| W1244234 | < 5 |
| W1244235 | < 5 |
| W1244236 | < 5 |
| W1244237 | < 5 |
| W1244238 | < 5 |
| W1244239 | < 5 |
| W1244240 | < 5 |
| W1244241 | < 5 |
| W1244242 | < 5 |
| W1244243 | < 5 |
| W1244244 | < 5 |
| W1244245 | < 5 |
| W1244246 | < 5 |
| W1244247 | < 5 |
| W1244248 | < 5 |
| W1244249 | < 5 |
| W1244250 | < 5 |
| W1244251 | 6 |
| W1244252 | 8 |
| W1244253 | < 5 |
| W1244254 | 294 |
| W1244255 | 110 |
| W1244256 | < 5 |
| W1244257 | < 5 |
| W1244258 | 795 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244259 | 54 |
| W1244260 | 38 |
| W1244261 | < 5 |
| W1244262 | < 5 |
| W1244263 | < 5 |
| W1244264 | 29 |
| W1244265 | 6 |
| W1244266 | 12 |
| W1244267 | < 5 |
| W1244268 | < 5 |
| W1244269 | < 5 |
| W1244270 | < 5 |
| W1244271 | < 5 |
| W1244272 | < 5 |
| W1244273 | < 5 |
| W1244274 | 7 |
| W1244275 | < 5 |
| W1244276 | < 5 |
| W1244277 | 15 |
| W1244278 | 167 |
| W1244279 | < 5 |
| W1244280 | < 5 |
| W1244281 | 1730 |
| W1244282 | 109 |
| W1244283 | 16 |
| W1244284 | 28 |
| W1244285 | < 5 |
| W1244286 | < 5 |
| W1244287 | < 5 |
| W1244288 | < 5 |
| W1244289 | < 5 |
| W1244290 | < 5 |
| W1244291 | < 5 |
| W1244292 | < 5 |
| W1244293 | < 5 |
| W1244294 | 848 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244295 | < 5 |
| W1244296 | < 5 |
| W1244297 | < 5 |
| W1244298 | < 5 |
| W1244299 | < 5 |
| W1244300 | < 5 |
| W1244301 | < 5 |
| W1244302 | < 5 |
| W1244303 | < 5 |
| W1244304 | < 5 |
| W1244305 | < 5 |
| W1244306 | < 5 |
| W1244307 | < 5 |
| W1244308 | < 5 |
| W1244309 | 31 |
| W1244310 | 18 |
| W1244311 | 9 |
| W1244312 | < 5 |
| W1244313 | 10 |
| W1244314 | < 5 |
| W1244315 | 71 |
| W1244316 | < 5 |
| W1244317 | < 5 |
| W1244318 | 7 |
| W1244319 | 7 |
| W1244320 | < 5 |
| W1244321 | < 5 |
| W1244322 | 172 |
| W1244323 | < 5 |
| W1244324 | < 5 |
| W1244325 | < 5 |
| W1244326 | < 5 |
| W1244327 | < 5 |
| W1244328 | < 5 |
| W1244329 | < 5 |
| W1244330 | 845 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244331 | < 5 |
| W1244332 | < 5 |
| W1244333 | < 5 |
| W1244334 | < 5 |
| W1244335 | < 5 |
| W1244336 | < 5 |
| W1244337 | < 5 |
| W1244338 | < 5 |
| W1244339 | 9 |
| W1244340 | < 5 |
| W1244341 | < 5 |
| W1244342 | < 5 |
| W1244343 | < 5 |
| W1244344 | < 5 |
| W1244345 | < 5 |
| W1244346 | < 5 |
| W1244347 | < 5 |
| W1244348 | < 5 |
| W1244349 | < 5 |
| W1244350 | < 5 |
| W1244351 | < 5 |
| W1244352 | < 5 |
| W1244353 | < 5 |
| W1244354 | < 5 |
| W1244355 | < 5 |
| W1244356 | < 5 |
| W1244357 | < 5 |
| W1244358 | < 5 |
| W1244359 | < 5 |
| W1244360 | < 5 |
| W1244361 | < 5 |
| W1244362 | < 5 |
| W1244363 | < 5 |
| W1244364 | < 5 |
| W1244365 | < 5 |
| W1244366 | 732 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244367 | < 5 |
| W1244368 | < 5 |
| W1244369 | < 5 |
| W1244370 | < 5 |
| W1244371 | < 5 |
| W1244372 | < 5 |
| W1244373 | < 5 |
| W1244374 | 10 |
| W1244375 | < 5 |
| W1244376 | < 5 |
| W1244377 | < 5 |
| W1244378 | < 5 |
| W1244379 | < 5 |
| W1244380 | < 5 |
| W1244381 | < 5 |
| W1244382 | < 5 |
| W1244383 | < 5 |
| W1244384 | < 5 |
| W1244385 | 19 |
| W1244386 | < 5 |
| W1244387 | < 5 |
| W1244388 | < 5 |
| W1244389 | < 5 |
| W1244390 | < 5 |
| W1244391 | < 5 |
| W1244392 | 8 |
| W1244393 | 5 |
| W1244394 | 52 |
| W1244395 | 33 |
| W1244396 | < 5 |
| W1244397 | < 5 |
| W1244398 | < 5 |
| W1244399 | < 5 |
| W1244400 | 5 |
| W1244401 | < 5 |
| W1244402 | 837 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244403 | < 5 |
| W1244404 | < 5 |
| W1244405 | < 5 |
| W1244406 | 49 |
| W1244407 | < 5 |
| W1244408 | < 5 |
| W1244409 | < 5 |
| W1244410 | 6 |
| W1244411 | 6 |
| W1244412 | 11 |
| W1244413 | 10 |
| W1244414 | 19 |
| W1244415 | 218 |
| W1244416 | 45 |
| W1244417 | 7 |
| W1244418 | 16 |
| W1244419 | 7 |
| W1244420 | < 5 |
| W1244421 | 20 |
| W1244422 | 8 |
| W1244423 | 34 |
| W1244424 | 13 |
| W1244425 | 44 |
| W1244426 | 118 |
| W1244427 | 36 |
| W1244428 | < 5 |
| W1244429 | 24 |
| W1244430 | 31 |
| W1244431 | 53 |
| W1244432 | 26 |
| W1244433 | 23 |
| W1244434 | 11 |
| W1244435 | 27 |
| W1244436 | < 5 |
| W1244437 | 47 |
| W1244438 | |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244439 | 28 |
| W1244440 | 6 |
| W1244441 | 39 |
| W1244442 | 7 |
| W1244443 | < 5 |
| W1244444 | 23 |
| W1244445 | 49 |
| W1244446 | 91 |
| W1244447 | 20 |
| W1244448 | 121 |
| W1244449 | 12 |
| W1244450 | 14 |
| W1244451 | 42 |
| W1244452 | 12 |
| W1244453 | 12 |
| W1244454 | 63 |
| W1244455 | 22 |
| W1244456 | 58 |
| W1244457 | 110 |
| W1244458 | 41 |
| W1244459 | 38 |
| W1244460 | < 5 |
| W1244461 | 11 |
| W1244462 | < 5 |
| W1244463 | < 5 |
| W1244464 | 1400 |
| W1244465 | 595 |
| W1244466 | 19 |
| W1244467 | 5 |
| W1244468 | 29 |
| W1244469 | 137 |
| W1244470 | 47 |
| W1244471 | 36 |
| W1244472 | < 5 |
| W1244473 | 121 |
| W1244474 | 812 |

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|---|---|---|---|---|---|---|---|
| Unit Symbol | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Detection Limit | 0.07 | 0.07 | 0.07 | 0.07 | | | |
| Analysis Method | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| W1244465 | 0.16 | 0.65 | 0.76 | 0.66 | 36.69 | 436.00 | 472.69 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1244475 | 11 |
| W1244476 | 7 |
| W1244477 | 217 |
| W1244478 | 25 |
| W1244479 | 5 |
| W1244480 | 108 |
| W1244481 | 9 |
| W1244482 | 19 |
| W1244483 | 88 |
| W1244484 | < 5 |
| W1244485 | < 5 |
| W1244486 | 10 |
| W1244487 | < 5 |
| W1244488 | 191 |
| W1244489 | 467 |
| W1244490 | 58 |
| W1244491 | 124 |
| W1244492 | 82 |
| W1244493 | 2780 |
| W1244494 | 70 |
| W1244495 | 6 |
| W1244496 | 258 |
| W1244497 | 31 |
| W1244498 | 8 |
| W1244499 | 19 |
| W1244500 | < 5 |
| W1245501 | 6 |
| W1245502 | < 5 |
| W1245503 | < 5 |
| W1245504 | < 5 |
| W1245505 | < 5 |
| W1245506 | < 5 |
| W1245507 | < 5 |
| W1245508 | < 5 |
| W1245509 | < 5 |
| W1245510 | 738 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245511 | < 5 |
| W1245512 | < 5 |
| W1245513 | < 5 |
| W1245514 | < 5 |
| W1245515 | < 5 |
| W1245516 | < 5 |
| W1245517 | < 5 |
| W1245518 | < 5 |
| W1245519 | < 5 |
| W1245520 | 16 |
| W1245521 | < 5 |
| W1245522 | < 5 |
| W1245523 | < 5 |
| W1245524 | < 5 |
| W1245525 | < 5 |
| W1245526 | < 5 |
| W1245527 | < 5 |
| W1245528 | < 5 |
| W1245529 | < 5 |
| W1245530 | < 5 |
| W1245531 | < 5 |
| W1245532 | < 5 |
| W1245533 | < 5 |
| W1245534 | < 5 |
| W1245535 | < 5 |
| W1245536 | < 5 |
| W1245537 | < 5 |
| W1245538 | < 5 |
| W1245539 | < 5 |
| W1245540 | < 5 |
| W1245541 | < 5 |
| W1245542 | < 5 |
| W1245543 | < 5 |
| W1245544 | 14 |
| W1245545 | < 5 |
| W1245546 | 786 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245547 | < 5 |
| W1245548 | < 5 |
| W1245549 | < 5 |
| W1245550 | < 5 |
| W1245551 | < 5 |
| W1245552 | < 5 |
| W1245553 | 7 |
| W1245554 | 61 |
| W1245555 | 9 |
| W1245556 | < 5 |
| W1245557 | < 5 |
| W1245558 | < 5 |
| W1245559 | < 5 |
| W1245560 | < 5 |
| W1245561 | < 5 |
| W1245562 | < 5 |
| W1245563 | < 5 |
| W1245564 | < 5 |
| W1245565 | < 5 |
| W1245566 | < 5 |
| W1245567 | < 5 |
| W1245568 | < 5 |
| W1245569 | < 5 |
| W1245570 | 7 |
| W1245571 | 5 |
| W1245572 | < 5 |
| W1245573 | 8 |
| W1245574 | < 5 |
| W1245575 | < 5 |
| W1245576 | 10 |
| W1245577 | < 5 |
| W1245578 | 19 |
| W1245579 | 11 |
| W1245580 | < 5 |
| W1245581 | 7 |
| W1245582 | 877 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245583 | < 5 |
| W1245584 | < 5 |
| W1245585 | 10 |
| W1245586 | < 5 |
| W1245587 | < 5 |
| W1245588 | < 5 |
| W1245589 | < 5 |
| W1245590 | 8 |
| W1245591 | < 5 |
| W1245592 | < 5 |
| W1245593 | < 5 |
| W1245594 | 8 |
| W1245595 | < 5 |
| W1245596 | 7 |
| W1245597 | < 5 |
| W1245598 | < 5 |
| W1245599 | < 5 |
| W1245600 | 10 |
| W1245601 | 5 |
| W1245602 | < 5 |
| W1245603 | < 5 |
| W1245604 | < 5 |
| W1245605 | 8 |
| W1245606 | < 5 |
| W1245607 | < 5 |
| W1245608 | < 5 |
| W1245609 | < 5 |
| W1245610 | < 5 |
| W1245611 | < 5 |
| W1245612 | < 5 |
| W1245613 | < 5 |
| W1245614 | < 5 |
| W1245615 | < 5 |
| W1245616 | < 5 |
| W1245617 | < 5 |
| W1245618 | 810 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245619 | < 5 |
| W1245620 | < 5 |
| W1245621 | < 5 |
| W1245622 | < 5 |
| W1245623 | < 5 |
| W1245624 | < 5 |
| W1245625 | < 5 |
| W1245626 | < 5 |
| W1245627 | < 5 |
| W1245628 | < 5 |
| W1245629 | < 5 |
| W1245630 | < 5 |
| W1245631 | < 5 |
| W1245632 | < 5 |
| W1245633 | < 5 |
| W1245634 | < 5 |
| W1245635 | < 5 |
| W1245636 | < 5 |
| W1245637 | < 5 |
| W1245638 | < 5 |
| W1245639 | < 5 |
| W1245640 | < 5 |
| W1245641 | < 5 |
| W1245642 | < 5 |
| W1245643 | < 5 |
| W1245644 | < 5 |
| W1245645 | 5 |
| W1245646 | < 5 |
| W1245647 | < 5 |
| W1245648 | < 5 |
| W1245649 | < 5 |
| W1245650 | < 5 |
| W1245651 | < 5 |
| W1245652 | < 5 |
| W1245653 | 7 |
| W1245654 | 715 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245655 | < 5 |
| W1245656 | < 5 |
| W1245657 | < 5 |
| W1245658 | 9 |
| W1245659 | 6 |
| W1245660 | 24 |
| W1245661 | < 5 |
| W1245662 | < 5 |
| W1245663 | < 5 |
| W1245664 | < 5 |
| W1245665 | 6 |
| W1245666 | < 5 |
| W1245667 | 19 |
| W1245668 | 15 |
| W1245669 | < 5 |
| W1245670 | 7 |
| W1245671 | 51 |
| W1245672 | < 5 |
| W1245673 | < 5 |
| W1245674 | < 5 |
| W1245675 | < 5 |
| W1245676 | < 5 |
| W1245677 | < 5 |
| W1245678 | < 5 |
| W1245679 | < 5 |
| W1245680 | < 5 |
| W1245681 | < 5 |
| W1245682 | < 5 |
| W1245683 | < 5 |
| W1245684 | < 5 |
| W1245685 | < 5 |
| W1245686 | < 5 |
| W1245687 | < 5 |
| W1245688 | < 5 |
| W1245689 | < 5 |
| W1245690 | 689 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245691 | < 5 |
| W1245692 | < 5 |
| W1245693 | < 5 |
| W1245694 | < 5 |
| W1245695 | < 5 |
| W1245696 | < 5 |
| W1245697 | < 5 |
| W1245698 | < 5 |
| W1245699 | < 5 |
| W1245700 | < 5 |
| W1245701 | < 5 |
| W1245702 | < 5 |
| W1245703 | < 5 |
| W1245704 | < 5 |
| W1245705 | < 5 |
| W1245706 | < 5 |
| W1245707 | < 5 |
| W1245708 | < 5 |
| W1245709 | < 5 |
| W1245710 | < 5 |
| W1245711 | < 5 |
| W1245712 | < 5 |
| W1245713 | < 5 |
| W1245714 | < 5 |
| W1245715 | < 5 |
| W1245716 | < 5 |
| W1245717 | < 5 |
| W1245718 | < 5 |
| W1245719 | < 5 |
| W1245720 | < 5 |
| W1245721 | < 5 |
| W1245722 | < 5 |
| W1245723 | < 5 |
| W1245724 | < 5 |
| W1245725 | 16 |
| W1245726 | 627 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245727 | 41 |
| W1245728 | 93 |
| W1245729 | < 5 |
| W1245730 | 8 |
| W1245731 | < 5 |
| W1245732 | 6 |
| W1245733 | < 5 |
| W1245734 | < 5 |
| W1245735 | < 5 |
| W1245736 | < 5 |
| W1245737 | < 5 |
| W1245738 | < 5 |
| W1245739 | < 5 |
| W1245740 | < 5 |
| W1245741 | < 5 |
| W1245742 | < 5 |
| W1245743 | < 5 |
| W1245744 | < 5 |
| W1245745 | < 5 |
| W1245746 | < 5 |
| W1245747 | < 5 |
| W1245748 | < 5 |
| W1245749 | < 5 |
| W1245750 | 7 |
| W1245751 | < 5 |
| W1245752 | < 5 |
| W1245753 | < 5 |
| W1245754 | < 5 |
| W1245755 | < 5 |
| W1245756 | < 5 |
| W1245757 | < 5 |
| W1245758 | < 5 |
| W1245759 | < 5 |
| W1245760 | < 5 |
| W1245761 | < 5 |
| W1245762 | 723 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245763 | < 5 |
| W1245764 | 6 |
| W1245765 | < 5 |
| W1245766 | < 5 |
| W1245767 | < 5 |
| W1245768 | < 5 |
| W1245769 | < 5 |
| W1245770 | 11 |
| W1245771 | < 5 |
| W1245772 | < 5 |
| W1245773 | < 5 |
| W1245774 | < 5 |
| W1245775 | < 5 |
| W1245776 | < 5 |
| W1245777 | < 5 |
| W1245778 | < 5 |
| W1245779 | < 5 |
| W1245780 | < 5 |
| W1245781 | < 5 |
| W1245782 | < 5 |
| W1245783 | < 5 |
| W1245784 | 7 |
| W1245785 | < 5 |
| W1245786 | < 5 |
| W1245787 | < 5 |
| W1245788 | < 5 |
| W1245789 | < 5 |
| W1245790 | < 5 |
| W1245791 | < 5 |
| W1245792 | < 5 |
| W1245793 | < 5 |
| W1245794 | 6 |
| W1245795 | < 5 |
| W1245796 | < 5 |
| W1245797 | < 5 |
| W1245798 | 749 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245799 | < 5 |
| W1245800 | < 5 |
| W1245801 | < 5 |
| W1245802 | < 5 |
| W1245803 | < 5 |
| W1245804 | < 5 |
| W1245805 | < 5 |
| W1245806 | < 5 |
| W1245807 | < 5 |
| W1245808 | < 5 |
| W1245809 | < 5 |
| W1245810 | < 5 |
| W1245811 | < 5 |
| W1245812 | < 5 |
| W1245813 | < 5 |
| W1245814 | < 5 |
| W1245815 | < 5 |
| W1245816 | < 5 |
| W1245817 | < 5 |
| W1245818 | < 5 |
| W1245819 | < 5 |
| W1245820 | < 5 |
| W1245821 | < 5 |
| W1245822 | < 5 |
| W1245823 | < 5 |
| W1245824 | < 5 |
| W1245825 | < 5 |
| W1245826 | < 5 |
| W1245827 | < 5 |
| W1245828 | < 5 |
| W1245829 | < 5 |
| W1245830 | < 5 |
| W1245831 | < 5 |
| W1245832 | < 5 |
| W1245833 | < 5 |
| W1245834 | 636 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245835 | < 5 |
| W1245836 | 14 |
| W1245837 | < 5 |
| W1245838 | < 5 |
| W1245839 | < 5 |
| W1245840 | < 5 |
| W1245841 | < 5 |
| W1245842 | < 5 |
| W1245843 | < 5 |
| W1245844 | < 5 |
| W1245845 | < 5 |
| W1245846 | < 5 |
| W1245847 | < 5 |
| W1245848 | < 5 |
| W1245849 | < 5 |
| W1245850 | < 5 |
| W1245851 | < 5 |
| W1245852 | < 5 |
| W1245853 | < 5 |
| W1245854 | < 5 |
| W1245855 | < 5 |
| W1245856 | < 5 |
| W1245857 | < 5 |
| W1245858 | < 5 |
| W1245859 | < 5 |
| W1245860 | < 5 |
| W1245861 | 5 |
| W1245862 | < 5 |
| W1245863 | < 5 |
| W1245864 | < 5 |
| W1245865 | < 5 |
| W1245866 | < 5 |
| W1245867 | < 5 |
| W1245868 | < 5 |
| W1245869 | < 5 |
| W1245870 | 772 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245871 | < 5 |
| W1245872 | 24 |
| W1245873 | 11 |
| W1245874 | 14 |
| W1245875 | 11 |
| W1245876 | 11 |
| W1245877 | < 5 |
| W1245878 | < 5 |
| W1245879 | < 5 |
| W1245880 | < 5 |
| W1245881 | < 5 |
| W1245882 | < 5 |
| W1245883 | < 5 |
| W1245884 | < 5 |
| W1245885 | < 5 |
| W1245886 | < 5 |
| W1245887 | < 5 |
| W1245888 | < 5 |
| W1245889 | < 5 |
| W1245890 | < 5 |
| W1245891 | < 5 |
| W1245892 | < 5 |
| W1245893 | < 5 |
| W1245894 | < 5 |
| W1245895 | < 5 |
| W1245896 | < 5 |
| W1245897 | < 5 |
| W1245898 | < 5 |
| W1245899 | < 5 |
| W1245900 | < 5 |
| W1245901 | < 5 |
| W1245902 | 5 |
| W1245903 | < 5 |
| W1245904 | < 5 |
| W1245905 | < 5 |
| W1245906 | 703 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245907 | < 5 |
| W1245908 | < 5 |
| W1245909 | < 5 |
| W1245910 | < 5 |
| W1245911 | < 5 |
| W1245912 | < 5 |
| W1245913 | < 5 |
| W1245914 | < 5 |
| W1245915 | < 5 |
| W1245916 | < 5 |
| W1245917 | < 5 |
| W1245918 | < 5 |
| W1245919 | < 5 |
| W1245920 | < 5 |
| W1245921 | < 5 |
| W1245922 | < 5 |
| W1245923 | < 5 |
| W1245924 | < 5 |
| W1245925 | < 5 |
| W1245926 | < 5 |
| W1245927 | < 5 |
| W1245928 | < 5 |
| W1245929 | < 5 |
| W1245930 | < 5 |
| W1245931 | < 5 |
| W1245932 | < 5 |
| W1245933 | 7 |
| W1245934 | < 5 |
| W1245935 | 10 |
| W1245936 | < 5 |
| W1245937 | < 5 |
| W1245938 | < 5 |
| W1245939 | 6 |
| W1245940 | 7 |
| W1245941 | < 5 |
| W1245942 | 818 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245943 | < 5 |
| W1245944 | < 5 |
| W1245945 | < 5 |
| W1245946 | < 5 |
| W1245947 | < 5 |
| W1245948 | < 5 |
| W1245949 | < 5 |
| W1245950 | < 5 |
| W1245951 | 53 |
| W1245952 | < 5 |
| W1245953 | < 5 |
| W1245954 | < 5 |
| W1245955 | < 5 |
| W1245956 | < 5 |
| W1245957 | < 5 |
| W1245958 | < 5 |
| W1245959 | 8 |
| W1245960 | < 5 |
| W1245961 | < 5 |
| W1245962 | < 5 |
| W1245963 | < 5 |
| W1245964 | < 5 |
| W1245965 | < 5 |
| W1245966 | < 5 |
| W1245967 | < 5 |
| W1245968 | 6 |
| W1245969 | 10 |
| W1245970 | < 5 |
| W1245971 | < 5 |
| W1245972 | < 5 |
| W1245973 | < 5 |
| W1245974 | < 5 |
| W1245975 | < 5 |
| W1245976 | < 5 |
| W1245977 | < 5 |
| W1245978 | 754 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1245979 | < 5 |
| W1245980 | < 5 |
| W1245981 | 8 |
| W1245982 | < 5 |
| W1245983 | < 5 |
| W1245984 | < 5 |
| W1245985 | < 5 |
| W1245986 | 30 |
| W1245987 | < 5 |
| W1245988 | < 5 |
| W1245989 | < 5 |
| W1245990 | < 5 |
| W1245991 | < 5 |
| W1245992 | < 5 |
| W1245993 | < 5 |
| W1245994 | < 5 |
| W1245995 | < 5 |
| W1245996 | < 5 |
| W1245997 | 7 |
| W1245998 | < 5 |
| W1245999 | 5 |
| W1246000 | < 5 |
| W1139001 | 5 |
| W1139002 | 7 |
| W1139003 | 102 |
| W1139004 | < 5 |
| W1139005 | < 5 |
| W1139006 | < 5 |
| W1139007 | 11 |
| W1139008 | 7 |
| W1139009 | < 5 |
| W1139010 | 9 |
| W1139011 | 6 |
| W1139012 | < 5 |
| W1139013 | < 5 |
| W1139014 | 770 |



TRIAL

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1139015 | < 5 |
| W1139016 | < 5 |
| W1139017 | < 5 |
| W1139018 | < 5 |
| W1139019 | < 5 |
| W1139020 | < 5 |
| W1139021 | 8 |
| W1139022 | < 5 |
| W1139023 | < 5 |
| W1139024 | < 5 |
| W1139025 | < 5 |
| W1139026 | < 5 |
| W1139027 | < 5 |
| W1139028 | < 5 |
| W1139029 | 9 |
| W1139030 | < 5 |
| W1139031 | < 5 |
| W1139032 | < 5 |
| W1139033 | < 5 |
| W1139034 | < 5 |
| W1139035 | 5 |
| W1139036 | 9 |
| W1139037 | 6 |
| W1139038 | < 5 |
| W1139039 | 5 |
| W1139040 | < 5 |
| W1139041 | 8 |
| W1139042 | < 5 |
| W1139043 | 8 |
| W1139044 | 9 |
| W1139045 | 9 |
| W1139046 | 9 |
| W1139047 | 12 |
| W1139048 | < 5 |
| W1139049 | 10 |
| W1139050 | 740 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1139051 | 17 |
| W1139052 | 16 |
| W1139053 | 11 |
| W1139054 | < 5 |
| W1139055 | 27 |
| W1139056 | 6 |
| W1139057 | < 5 |
| W1139058 | 7 |
| W1139059 | 7 |
| W1139060 | 5 |
| W1139061 | 8 |
| W1139062 | 9 |
| W1139063 | 8 |
| W1139064 | 8 |
| W1139065 | 14 |
| W1139066 | 6 |
| W1139067 | 7 |
| W1139068 | 11 |
| W1139069 | 7 |
| W1139070 | 21 |
| W1139071 | 8 |
| W1139072 | 8 |
| W1139073 | 8 |
| W1139074 | 13 |
| W1139075 | 8 |
| W1139076 | 9 |
| W1139077 | 9 |
| W1139078 | 13 |
| W1139079 | 5 |
| W1139080 | 10 |
| W1139081 | 11 |
| W1139082 | 12 |
| W1139083 | 9 |
| W1139084 | 6 |
| W1139085 | 22 |
| W1139086 | 733 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1139087 | < 5 |
| W1139088 | < 5 |
| W1139089 | < 5 |
| W1139090 | < 5 |
| W1139091 | < 5 |
| W1139092 | < 5 |
| W1139093 | < 5 |
| W1139094 | < 5 |
| W1139095 | < 5 |
| W1139096 | < 5 |
| W1139097 | < 5 |
| W1139098 | < 5 |
| W1139099 | < 5 |
| W1139100 | < 5 |
| W1139101 | < 5 |
| W1139102 | 8 |
| W1139103 | 8 |
| W1139104 | 7 |
| W1139105 | < 5 |
| W1139106 | < 5 |
| W1139107 | < 5 |
| W1139108 | 5 |
| W1139109 | < 5 |
| W1139110 | < 5 |
| W1139111 | 5 |
| W1139112 | 7 |
| W1139113 | < 5 |
| W1139114 | < 5 |
| W1139115 | 11 |
| W1139116 | 23 |
| W1139117 | < 5 |
| W1139118 | 42 |
| W1139119 | < 5 |
| W1139120 | < 5 |
| W1139121 | 7 |
| W1139122 | 763 |



TKIRAN

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1139123 | < 5 |
| W1139124 | < 5 |
| W1139125 | < 5 |
| W1139126 | < 5 |
| W1139127 | < 5 |
| W1139128 | < 5 |
| W1139129 | < 5 |
| W1139130 | < 5 |
| W1139131 | < 5 |
| W1139132 | 12 |
| W1139133 | 9 |
| W1139134 | < 5 |
| W1139135 | < 5 |
| W1139136 | < 5 |
| W1139137 | 5 |
| W1139138 | < 5 |
| W1139139 | < 5 |
| W1139140 | 8 |
| W1139141 | < 5 |
| W1139142 | < 5 |
| W1139143 | < 5 |
| W1139144 | < 5 |
| W1139145 | < 5 |
| W1139146 | < 5 |
| W1139147 | 7 |
| W1139148 | 14 |
| W1139149 | 14 |
| W1139150 | 9 |
| W1139151 | < 5 |
| W1139152 | < 5 |
| W1139153 | < 5 |
| W1139154 | < 5 |
| W1139155 | < 5 |
| W1139156 | < 5 |
| W1139157 | < 5 |
| W1139158 | 779 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1139159 | < 5 |
| W1139160 | 34 |
| W1139161 | < 5 |
| W1139162 | < 5 |
| W1139163 | 19 |
| W1139164 | 13 |
| W1139165 | < 5 |
| W1139166 | < 5 |
| W1139167 | < 5 |
| W1139168 | < 5 |
| W1139169 | < 5 |
| W1139170 | < 5 |
| W1139171 | < 5 |
| W1139172 | < 5 |
| W1139173 | < 5 |
| W1139174 | < 5 |
| W1139175 | < 5 |
| W1139176 | < 5 |
| W1139177 | < 5 |
| W1139178 | < 5 |
| W1139179 | < 5 |
| W1139180 | < 5 |
| W1139181 | < 5 |
| W1139182 | < 5 |
| W1139183 | < 5 |
| W1139184 | < 5 |
| W1139185 | 5 |
| W1139186 | < 5 |
| W1139187 | < 5 |
| W1139188 | < 5 |
| W1139189 | < 5 |
| W1139190 | < 5 |
| W1139191 | < 5 |
| W1139192 | < 5 |
| W1139193 | < 5 |
| W1139194 | 744 |

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Detection Limit | 5 |
| Analysis Method | FA-AA |
| W1139195 | < 5 |
| W1139196 | 34 |
| W1139197 | < 5 |
| W1139198 | < 5 |
| W1139199 | 8 |
| W1139200 | 6 |
| W1139201 | < 5 |
| W1139202 | 6 |
| W1139203 | 782 |



TSIRM

# APPENDIX 4
# COPY OF MOBILE METAL ION GEOCHEMICAL RESULTS

SGS

Final : TO124068 Order: Project: Grenfell



| Element | Ag@ | As@ | Au@ | Bi@ | Cu@ | Ni@ | Pt@ | W@ |
|---|---|---|---|---|---|---|---|---|
| Method | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 |
| Det.Lim. | 1 | 10 | 0.1 | 1 | 10 | 5 | 1 | 1 |
| Units | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| L2E 25N | 1 | <10 | <0.1 | <1 | 240 | 66 | <1 | <1 |
| L2E 75N | 2 | 20 | 0.1 | 1 | 410 | 260 | <1 | <1 |
| L2E 100N | 5 | 20 | 0.2 | 1 | 910 | 143 | <1 | 2 |
| L2E 125N | 6 | <10 | 0.2 | <1 | 990 | 309 | <1 | <1 |
| L2E 150N | 7 | 10 | <0.1 | <1 | 600 | 125 | <1 | <1 |
| L2E 175N | 10 | <10 | <0.1 | <1 | 130 | 149 | <1 | <1 |
| L2E 200N | 6 | <10 | <0.1 | <1 | 170 | 77 | <1 | <1 |
| L2E 225N | 3 | 20 | <0.1 | 3 | 370 | 176 | <1 | <1 |
| L2E 250N | 8 | <10 | <0.1 | <1 | 520 | 182 | <1 | <1 |
| L2E 675N | 5 | <10 | 0.2 | <1 | 980 | 405 | <1 | <1 |
| L2E 700N | 6 | <10 | 0.1 | <1 | 700 | 304 | <1 | <1 |
| L2E 725N | 11 | 10 | <0.1 | <1 | 290 | 154 | <1 | <1 |
| L2E 750N | 10 | 20 | <0.1 | <1 | 590 | 227 | <1 | <1 |
| L3E 350S | 1 | 20 | <0.1 | <1 | 470 | 132 | <1 | <1 |
| L3E 250S | 3 | <10 | <0.1 | 1 | 320 | 231 | <1 | <1 |
| L3E 225S | 2 | 20 | <0.1 | 1 | 310 | 181 | <1 | <1 |
| L3E 200S | 5 | <10 | <0.1 | <1 | 530 | 220 | <1 | <1 |
| *Rep L0 125S | 1 | <10 | 0.2 | <1 | 800 | 89 | <1 | <1 |
| *Rep L0 225N | 2 | <10 | <0.1 | <1 | 660 | 69 | <1 | <1 |
| *Rep L2E 350S | 3 | <10 | 0.2 | <1 | 1350 | 254 | <1 | <1 |
| *Rep L2E 150N | 8 | 10 | <0.1 | <1 | 620 | 114 | <1 | <1 |
| *Rep L2E 725N | 10 | 10 | <0.1 | <1 | 270 | 150 | <1 | <1 |
| *Std AMIS0169 | 8 | 10 | 0.3 | <1 | 3770 | 384 | <1 | 1 |
| *Std MMISRM18 | 20 | 10 | 8.1 | <1 | 670 | 413 | 4 | <1 |
| *Blk BLANK | <1 | <10 | <0.1 | <1 | <10 | <5 | <1 | <1 |
| *Blk BLANK | <1 | <10 | <0.1 | <1 | <10 | <5 | <1 | <1 |

| Element | Ag@ | As@ | Au@ | Bi@ | Cu@ | Ni@ | Pt@ | W@ |
|---|---|---|---|---|---|---|---|---|
| Method | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 |
| Det.Lim. | 1 | 10 | 0.1 | 1 | 10 | 5 | 1 | 1 |
| Units | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| L0 450S | 4 | 10 | <0.1 | <1 | 470 | 229 | <1 | 1 |
| L0 425S | 7 | 30 | <0.1 | <1 | 590 | 175 | <1 | <1 |
| L0 325S | 3 | 10 | 0.1 | <1 | 410 | 106 | <1 | <1 |
| L0 275S | 7 | 10 | <0.1 | <1 | 580 | 161 | <1 | <1 |
| L0 250S | 25 | <10 | <0.1 | <1 | 350 | 212 | <1 | <1 |
| L0 225S | 9 | <10 | <0.1 | <1 | 410 | 71 | <1 | <1 |
| L0 200S | 8 | <10 | <0.1 | <1 | 470 | 141 | <1 | <1 |
| L0 175S | 3 | 30 | <0.1 | <1 | 210 | 189 | <1 | <1 |
| L0 125S | 1 | <10 | 0.1 | <1 | 760 | 89 | <1 | <1 |
| L0 BL 0 | 4 | <10 | 4.4 | <1 | 1640 | 90 | <1 | 2 |
| L0 25N | 11 | <10 | 0.2 | <1 | 540 | 178 | <1 | 1 |
| L0 50N | 3 | <10 | 0.1 | <1 | 210 | 77 | <1 | <1 |
| L0 75N | 3 | 10 | <0.1 | 2 | 260 | 215 | <1 | <1 |
| L0 100N | 1 | 40 | <0.1 | 2 | 570 | 176 | <1 | <1 |
| L0 150N | 2 | 20 | 0.1 | 1 | 840 | 90 | <1 | <1 |
| L0 175N | 3 | <10 | 0.1 | <1 | 2660 | 304 | <1 | <1 |
| L0 200N | <1 | <10 | 0.1 | <1 | 600 | 47 | <1 | <1 |
| L0 225N | <1 | 10 | <0.1 | <1 | 510 | 87 | <1 | <1 |
| L0 250N | <1 | <10 | 0.1 | <1 | 850 | 52 | <1 | <1 |
| L0 425N | <1 | 30 | 0.1 | <1 | 530 | 171 | <1 | <1 |
| L0 460N | 2 | <10 | 0.2 | <1 | 840 | 102 | <1 | <1 |
| L0 475N | <1 | <10 | <0.1 | <1 | 1440 | 369 | <1 | <1 |
| L0 550N | 2 | <10 | 0.2 | <1 | 1520 | 51 | <1 | <1 |
| L0 575N | 8 | <10 | 0.3 | <1 | 1040 | 233 | <1 | <1 |
| L1E BL 0 | 3 | 30 | 0.2 | 2 | 4380 | 387 | <1 | 2 |
| L1E 100N | 2 | <10 | <0.1 | 1 | 1300 | 167 | <1 | <1 |
| L1E 125N | <1 | 10 | 0.1 | <1 | 660 | 132 | <1 | 7 |
| L1E 150N | <1 | <10 | 0.1 | <1 | 900 | 25 | <1 | <1 |
| L1E 175N | <1 | 20 | 0.2 | <1 | 490 | 130 | <1 | <1 |
| L1E 675N | 1 | <10 | 0.2 | <1 | 680 | 305 | <1 | <1 |
| L1E 725N | <1 | 40 | 0.2 | 3 | 2470 | 185 | <1 | 3 |
| L1E 750N | 2 | <10 | 0.2 | <1 | 1040 | 269 | <1 | <1 |
| L1E 775N | 8 | <10 | 0.1 | <1 | 900 | 563 | <1 | <1 |
| L1E 800N | 2 | <10 | 0.1 | <1 | 1970 | 372 | <1 | <1 |
| L1E 825N | 4 | <10 | <0.1 | <1 | 360 | 285 | <1 | <1 |
| L1E 850N | 12 | <10 | 0.2 | <1 | 1420 | 378 | <1 | <1 |
| L2E 350S | 3 | <10 | 0.2 | <1 | 1690 | 259 | <1 | <1 |
| L2E 325S | 1 | 10 | <0.1 | <1 | 1020 | 162 | <1 | <1 |
| L2E 300S | 2 | <10 | <0.1 | <1 | 1010 | 178 | <1 | <1 |
| L2E 75S | 4 | 10 | 0.2 | <1 | 3800 | 276 | <1 | <1 |
| L2E 50S | 3 | 10 | 0.3 | 1 | 690 | 148 | <1 | 2 |
| L2E 25S | 6 | <10 | 0.1 | <1 | 540 | 109 | <1 | 1 |
| L2E BL 0 | 7 | 10 | <0.1 | <1 | 230 | 183 | <1 | <1 |

| Element | Ag@ | As@ | Au@ | Bi@ | Cu@ | Ni@ | Pt@ | W@ |
|---|---|---|---|---|---|---|---|---|
| Method | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 |
| Det.Lim. | 1 | 10 | 0.1 | 1 | 10 | 5 | 1 | 1 |
| Units | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| L3E 175S | 3 | <10 | <0.1 | <1 | 280 | 150 | <1 | <1 |
| L3E 125S | 7 | <10 | <0.1 | <1 | 250 | 163 | <1 | <1 |
| L3E 100S | 3 | 20 | <0.1 | 3 | 160 | 130 | <1 | <1 |
| L3E 75S | 1 | 10 | <0.1 | 2 | 270 | 130 | <1 | <1 |
| L3E 25S | 18 | <10 | 0.2 | <1 | 190 | 155 | <1 | <1 |
| L3E BL 0 | 6 | <10 | <0.1 | <1 | 90 | 158 | <1 | <1 |
| L3E 25N | 7 | 20 | 0.1 | 2 | 430 | 228 | <1 | 3 |
| L3E 150N | 2 | 20 | <0.1 | 2 | 310 | 134 | <1 | <1 |
| L3E 175N | 3 | 20 | 0.2 | 2 | 510 | 141 | <1 | <1 |
| L3E 200N | 2 | 30 | 0.1 | 4 | 320 | 148 | <1 | <1 |
| L3E 225N | 4 | 20 | 0.1 | 3 | 400 | 148 | <1 | <1 |
| L3E 250N | 2 | <10 | <0.1 | <1 | 570 | 81 | <1 | <1 |
| L4E 350S | 5 | <10 | 0.1 | 1 | 510 | 208 | <1 | <1 |
| L4E 325S | 4 | 20 | 0.1 | 1 | 110 | 422 | <1 | <1 |
| L4E 300S | 10 | <10 | 0.1 | <1 | 260 | 134 | <1 | <1 |
| L4E 275S | 5 | <10 | <0.1 | 1 | 480 | 152 | <1 | <1 |
| L4E 250S | 8 | <10 | <0.1 | <1 | 590 | 205 | <1 | <1 |
| L4E 225S | 5 | 10 | <0.1 | <1 | 230 | 158 | <1 | <1 |
| L4E 175S | 1 | 30 | <0.1 | 1 | 280 | 109 | <1 | <1 |
| L4E 150S | 5 | <10 | <0.1 | <1 | 260 | 122 | <1 | <1 |
| L4E 100S | 1 | <10 | 0.1 | <1 | 250 | 86 | <1 | <1 |
| L4E 50S | 9 | 20 | 0.1 | <1 | 300 | 306 | <1 | <1 |
| L4E 25S | 4 | 20 | 0.2 | 3 | 250 | 171 | <1 | <1 |
| L4E BL 0 | 7 | <10 | <0.1 | <1 | 130 | 258 | <1 | <1 |
| L4E 25N | 11 | 20 | <0.1 | <1 | 450 | 292 | <1 | <1 |
| L4E 50N | 11 | 10 | <0.1 | <1 | 460 | 231 | <1 | <1 |
| L4E 75N | 4 | 10 | <0.1 | 3 | 420 | 237 | <1 | <1 |
| L4E 100N | 6 | <10 | <0.1 | <1 | 350 | 120 | <1 | <1 |
| L4E 125N | 6 | <10 | <0.1 | <1 | 380 | 100 | <1 | <1 |
| L4E 225N | 8 | <10 | <0.1 | <1 | 480 | 134 | <1 | <1 |
| L4E 250N | 3 | 30 | <0.1 | 1 | 440 | 252 | <1 | <1 |
| L5E 75S | 5 | <10 | <0.1 | <1 | 330 | 117 | <1 | <1 |
| L5E 50S | 6 | <10 | <0.1 | <1 | 350 | 90 | <1 | <1 |
| L5E 25S | 3 | <10 | <0.1 | <1 | 380 | 67 | <1 | <1 |
| L5E 25N | 34 | 20 | 0.1 | <1 | 860 | 174 | <1 | <1 |
| L5E 50N | 12 | <10 | <0.1 | <1 | 250 | 165 | <1 | <1 |
| L5E 75N | 12 | <10 | <0.1 | <1 | 290 | 207 | <1 | <1 |
| L5E 150N | 11 | <10 | <0.1 | <1 | 270 | 273 | <1 | <1 |
| L5E 175N | 6 | <10 | <0.1 | 1 | 190 | 121 | <1 | <1 |
| L5E 200N | 6 | <10 | <0.1 | <1 | 240 | 189 | <1 | <1 |
| L5E 225N | 4 | <10 | <0.1 | <1 | 240 | 43 | <1 | <1 |
| L5E 275N | 5 | 20 | <0.1 | <1 | 270 | 203 | <1 | <1 |
| L5E 300N | 2 | <10 | 0.1 | <1 | 1770 | 153 | <1 | <1 |

Final : TO1240S9 Order: Project: Grenfell

| Element | Ag@ | As@ | Au@ | Bi@ | Cu@ | Ni@ | Pt@ | W@ |
|---|---|---|---|---|---|---|---|---|
| Method | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 |
| Det.Lim. | 1 | 10 | 0.1 | 1 | 10 | 5 | 1 | 1 |
| Units | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| L6E 100S | 11 | 20 | 0.1 | 2 | 400 | 254 | <1 | <1 |
| L6E 75S | 7 | 20 | 0.1 | 1 | 420 | 245 | <1 | <1 |
| L6E 50S | 19 | <10 | 0.1 | <1 | 340 | 180 | <1 | <1 |
| L6E 25S | 4 | <10 | 0.2 | <1 | 720 | 209 | <1 | <1 |
| L6E 100N | 8 | <10 | 0.2 | <1 | 550 | 158 | <1 | <1 |
| L6E 125N | 5 | 20 | <0.1 | 3 | 400 | 315 | <1 | <1 |
| L6E 150N | 8 | 30 | 0.1 | <1 | 510 | 235 | <1 | <1 |
| L6E 175N | 3 | <10 | 0.2 | <1 | 480 | 62 | <1 | <1 |
| L6E 225N | 15 | 20 | <0.1 | <1 | 340 | 266 | <1 | <1 |
| L6E 250N | 12 | <10 | <0.1 | <1 | 180 | 153 | <1 | <1 |
| L6E 275N | 10 | <10 | <0.1 | <1 | 290 | 129 | <1 | <1 |
| L6E 300N | 2 | 10 | <0.1 | 1 | 460 | 136 | <1 | <1 |
| L6E 325N | 2 | <10 | <0.1 | <1 | 310 | 92 | <1 | <1 |
| L7E 175S | 5 | <10 | <0.1 | <1 | 570 | 202 | <1 | <1 |
| L7E 150S | 5 | 20 | 0.2 | 2 | 730 | 229 | <1 | 3 |
| L7E 125S | 4 | <10 | <0.1 | 1 | 230 | 170 | <1 | <1 |
| L7E 100S | 7 | <10 | <0.1 | <1 | 150 | 187 | <1 | <1 |
| *Rep L3E 25S | 20 | <10 | <0.1 | <1 | 180 | 152 | <1 | <1 |
| *Rep L4E 25S | 4 | 30 | 0.1 | 3 | 250 | 166 | <1 | <1 |
| *Rep L4E 125N | 5 | <10 | 0.1 | <1 | 350 | 110 | <1 | <1 |
| *Rep L6E 125N | 5 | 20 | 0.3 | 2 | 320 | 309 | <1 | <1 |
| *Rep L6E 300N | 2 | 10 | <0.1 | 1 | 490 | 123 | <1 | <1 |
| *Std AMIS0169 | 9 | 10 | 0.8 | <1 | 4430 | 488 | <1 | <1 |
| *Std MMISRM18 | 24 | <10 | 7.4 | <1 | 610 | 456 | 5 | <1 |
| *Blk BLANK | <1 | <10 | <0.1 | <1 | <10 | <5 | <1 | <1 |
| *Blk BLANK | <1 | <10 | <0.1 | <1 | <10 | <5 | <1 | <1 |

| Element | Ag@ | As@ | Au@ | Bi@ | Cu@ | Ni@ | Pt@ | W@ |
|---|---|---|---|---|---|---|---|---|
| Method | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 |
| Det.Lim. | 1 | 10 | 0.1 | 1 | 10 | 5 | 1 | 1 |
| Units | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| L7E 75S | 14 | <10 | <0.1 | <1 | 150 | 240 | <1 | <1 |
| L7E 50S | 1 | 30 | <0.1 | 3 | 420 | 153 | <1 | 1 |
| L7E 25S | 6 | 20 | <0.1 | <1 | 320 | 181 | <1 | <1 |
| L7E BL 0 | 4 | 30 | <0.1 | 1 | 270 | 282 | <1 | <1 |
| L7E 25N | 11 | <10 | <0.1 | <1 | 560 | 273 | <1 | <1 |
| L1W 125S | <1 | 30 | 0.1 | 1 | 600 | 181 | <1 | <1 |
| L1W 100S | 2 | <10 | <0.1 | <1 | 360 | 88 | <1 | <1 |
| L1W 25N | 3 | <10 | 0.1 | <1 | 480 | 35 | <1 | <1 |
| L1W 50N | <1 | <10 | <0.1 | <1 | 590 | 74 | <1 | <1 |
| L1W 125N | 2 | 10 | 0.2 | <1 | 480 | 152 | <1 | <1 |
| L1W 400N | 2 | <10 | 0.1 | <1 | 810 | 94 | <1 | <1 |
| L1W 425N | 4 | <10 | <0.1 | <1 | 1600 | 244 | <1 | <1 |
| L1W 500N | 5 | <10 | <0.1 | <1 | 450 | 94 | <1 | <1 |
| L1W 525N | 7 | <10 | 0.3 | <1 | 1970 | 438 | <1 | <1 |
| L1W 550N | 7 | <10 | 0.2 | <1 | 460 | 245 | <1 | <1 |
| L2W 125S | 1 | 10 | <0.1 | <1 | 410 | 141 | <1 | <1 |
| L2W 100S | 2 | 20 | <0.1 | <1 | 880 | 99 | <1 | <1 |
| L2W 75S | 3 | 20 | <0.1 | <1 | 350 | 218 | <1 | <1 |
| L2W 50S | 7 | <10 | <0.1 | <1 | 260 | 136 | <1 | <1 |
| L2W BL 0 | 3 | <10 | 0.1 | <1 | 400 | 121 | <1 | <1 |
| L2W 25N | <1 | 60 | 0.3 | 2 | 250 | 249 | <1 | 1 |
| L2W 50N | 4 | <10 | 0.2 | <1 | 500 | 76 | <1 | <1 |
| L2W 75N | 3 | 20 | 0.3 | 2 | 350 | 260 | <1 | <1 |
| L2W 125N | 10 | <10 | <0.1 | <1 | 410 | 151 | <1 | <1 |
| L2W 450N | 12 | <10 | <0.1 | <1 | 420 | 163 | <1 | <1 |
| L2W 475N | 6 | <10 | <0.1 | <1 | 210 | 107 | <1 | <1 |
| L2W 500N | 9 | <10 | <0.1 | <1 | 270 | 123 | <1 | <1 |
| L2W 525N | 9 | 10 | 0.1 | <1 | 240 | 109 | <1 | <1 |
| L2W 550N | 3 | 20 | <0.1 | 2 | 690 | 203 | <1 | <1 |
| L3W 25S | 9 | <10 | 0.2 | <1 | 1710 | 338 | <1 | <1 |
| L3W BL 0 | <1 | 30 | 0.2 | 1 | 690 | 94 | <1 | <1 |
| L3W 25N | 3 | 10 | 0.1 | <1 | 660 | 119 | <1 | <1 |
| L3W 100N | 13 | <10 | 0.3 | <1 | 480 | 56 | <1 | <1 |
| L3W 125N | 9 | 10 | 0.2 | <1 | 370 | 78 | <1 | <1 |
| L3W 425N | 3 | 10 | 0.3 | <1 | 1210 | 151 | <1 | 1 |
| L3W 450N | <1 | 40 | 0.1 | 1 | 1010 | 147 | <1 | <1 |
| L3W 475N | 3 | <10 | 0.1 | <1 | 4730 | 285 | <1 | <1 |
| L3W 500N | 4 | <10 | 0.1 | <1 | 1090 | 39 | <1 | <1 |
| L3W 525N | 7 | <10 | 0.1 | <1 | 640 | 126 | <1 | <1 |
| L3W 550N | 3 | 20 | 0.6 | 1 | 690 | 139 | <1 | <1 |
| L4W 125S | 3 | 10 | 0.3 | <1 | 1040 | 121 | <1 | 1 |
| L4W 100S | 8 | <10 | <0.1 | <1 | 240 | 116 | <1 | <1 |
| L4W BL 0 | <1 | <10 | <0.1 | <1 | 500 | 54 | <1 | <1 |

Final : TO124070 Order: Project:Grenfell

| Element | Ag@ | As@ | Au@ | Bi@ | Cu@ | Ni@ | Pt@ | W@ |
|---|---|---|---|---|---|---|---|---|
| Method | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 | MMI-M5 |
| Det.Lim. | 1 | 10 | 0.1 | 1 | 10 | 5 | 1 | 1 |
| Units | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| L4W 25N | 3 | 10 | <0.1 | <1 | 510 | 144 | <1 | <1 |
| L4W 50N | 7 | 20 | <0.1 | <1 | 660 | 214 | <1 | <1 |
| L4W 75N | 4 | 20 | 0.2 | 1 | 2260 | 116 | <1 | 1 |
| L4W 100N | 4 | 20 | 0.3 | <1 | 1790 | 153 | <1 | 2 |
| L4W 500N | 3 | 20 | <0.1 | <1 | 790 | 146 | <1 | <1 |
| L5W 200S | 8 | <10 | <0.1 | <1 | 1530 | 232 | <1 | <1 |
| L5W 150S | 12 | 10 | 0.1 | <1 | 510 | 436 | <1 | <1 |
| L5W 50S | 6 | 20 | 0.1 | <1 | 790 | 91 | <1 | 1 |
| L5W 25S | 7 | 10 | <0.1 | <1 | 520 | 106 | <1 | <1 |
| L5W BL 0 | 3 | <10 | <0.1 | <1 | 370 | 168 | <1 | <1 |
| L5W 25N | 3 | 20 | <0.1 | <1 | 630 | 187 | <1 | <1 |
| L5W 100N | 4 | 20 | 0.1 | <1 | 790 | 202 | <1 | <1 |
| L5W 125N | 2 | 20 | <0.1 | <1 | 590 | 235 | <1 | <1 |
| L5W 150N | 6 | 20 | 0.2 | <1 | 840 | 159 | <1 | <1 |
| L6W 50S | 7 | <10 | <0.1 | <1 | 360 | 183 | <1 | <1 |
| L6W 25S | 4 | 20 | <0.1 | <1 | 210 | 119 | <1 | <1 |
| L6W BL 0 | <1 | <10 | <0.1 | <1 | 1400 | 74 | <1 | <1 |
| L6W 100N | 4 | 30 | <0.1 | <1 | 520 | 360 | <1 | <1 |
| L6W 125N | 11 | 10 | <0.1 | <1 | 240 | 245 | <1 | <1 |
| L7W 100N | 13 | <10 | <0.1 | <1 | 220 | 336 | <1 | <1 |
| L7W 125N | 6 | 20 | <0.1 | 2 | 350 | 241 | <1 | <1 |
| L7W 150N | 15 | 10 | <0.1 | <1 | 210 | 429 | <1 | <1 |
| L7W 175N | 9 | 20 | <0.1 | <1 | 180 | 304 | <1 | <1 |
| L7W 200N | 7 | <10 | <0.1 | <1 | 390 | 228 | <1 | <1 |
| L8W 75N | 10 | <10 | 0.2 | <1 | 660 | 135 | <1 | <1 |
| L8W 100N | 5 | <10 | <0.1 | <1 | 390 | 381 | <1 | <1 |
| L8W 150N | 5 | <10 | 0.1 | <1 | 610 | 320 | <1 | <1 |
| L8W 175N | 3 | <10 | 0.2 | <1 | 300 | 134 | <1 | <1 |
| L8W 200N | 1 | 50 | 0.2 | 2 | 650 | 439 | <1 | 2 |
| *Rep L7E 75S | 14 | <10 | <0.1 | <1 | 150 | 225 | <1 | <1 |
| *Rep L2W 50S | 7 | 10 | <0.1 | <1 | 280 | 165 | <1 | <1 |
| *Rep L3W 125 | 9 | 10 | 0.1 | <1 | 360 | 79 | <1 | <1 |
| *Rep L4W 125S | 3 | 10 | 0.2 | <1 | 1180 | 117 | <1 | 1 |
| *Rep L5W BL 0 | 3 | <10 | <0.1 | <1 | 370 | 166 | <1 | <1 |
| *Rep L8W 150N | 5 | <10 | 0.1 | <1 | 580 | 317 | <1 | <1 |
| *Std AMIS0169 | 7 | 10 | 0.4 | <1 | 3580 | 403 | <1 | 1 |
| *Std MMISRM18 | 20 | 10 | 7.9 | <1 | 690 | 429 | 5 | <1 |
| *Blk BLANK | <1 | <10 | <0.1 | <1 | <10 | <5 | <1 | <1 |
| *Blk BLANK | <1 | <10 | <0.1 | <1 | <10 | <5 | <1 | <1 |

## APPENDIX 5: COPY OF MAJOR INVOICES FROM PROGRAM

## APPENDIX 6: COPY OF GEOPHYSICAL DATA (PLAN MAPS: MAGNETICS AND IP CONTOURS)

559600E 559800E 560000E 560200E 560400E 560600E 560800E 561000E

5336800N 5336600N 5336400N 5336200N 5336000N 5335800N 5335600N 5335400N

L522692 L522693 L522687 L512579 L522688 L522691 L522689 L522690

L0 L100 L200 L300 L400 L500 L600 L700 L800 L900

L-100 L-200 L-300 L-400 L-500 L-600 L-700 L-800 L-900 L-1000

58550
58240
58010
57860
57720
57610
57520
57440
57390
57340
57300
57260
57230
57200
57180
57150
57140
57120
57100
57090
57080
57070
57050
57040
57030
57010
57000
56990
56980
56970
56960
56950
56930
56910
56880
56850
56740

**TOTAL FIELD MAGNETICS**
nT

## Legend

- Well Defined Strong IP Chargeability Anomaly/Trend
- Weak to Moderate Strength IP Chargeability Anomaly/Trend

Scale 1:5000

100 0 100 200 300
(meters)
NAD83 / UTM zone 17N

LINE KILOMETERS SURVEYED: 20.6

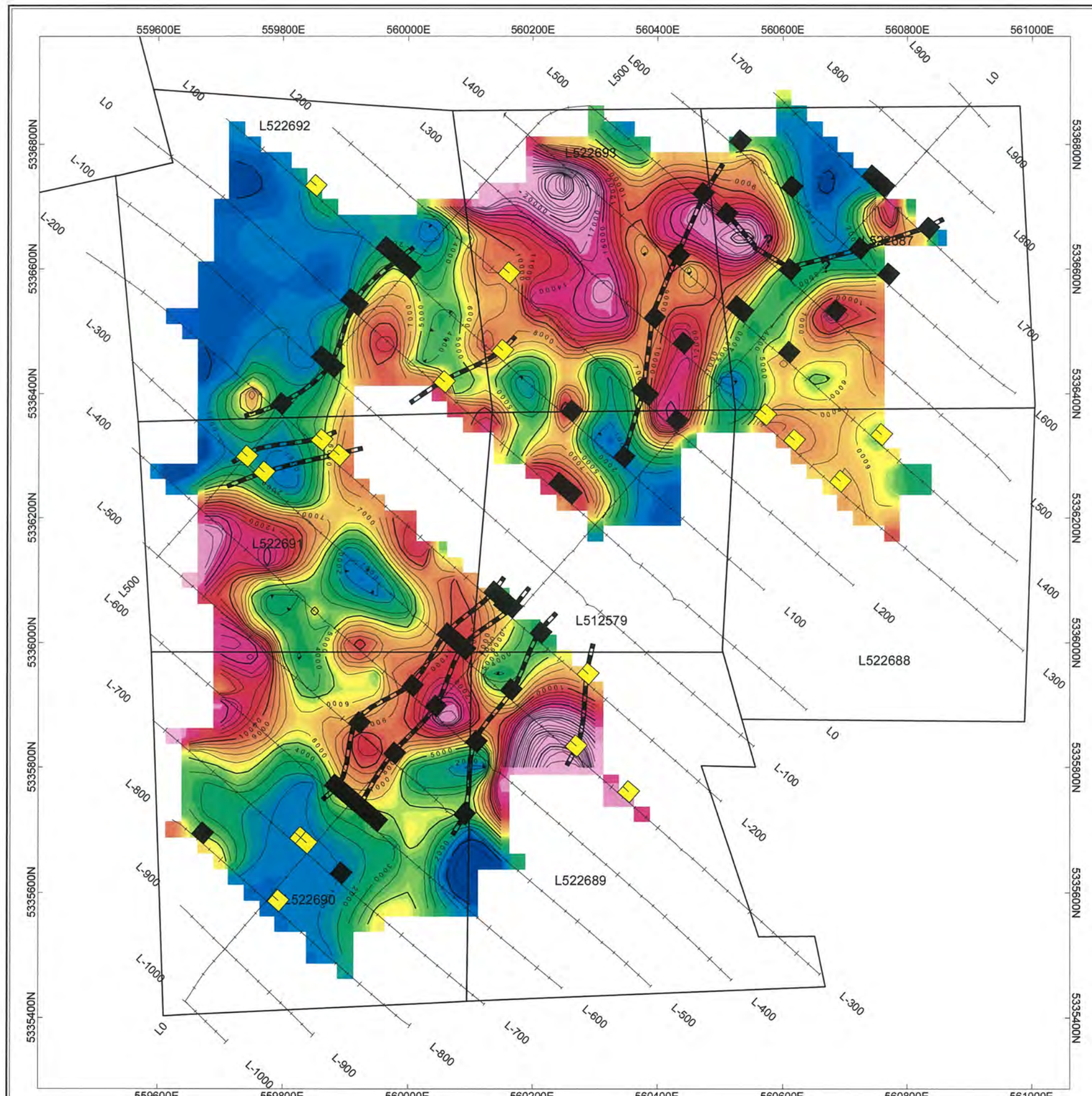
FIG: A

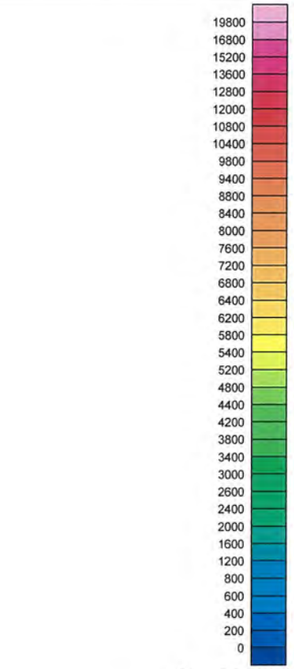
SGX RESOURCES INC.

**GRENFELL PROJECT**
**TOTAL FIELD MAGNETIC SURVEY - CONTOURS**
**NOVEMBER 16 - 29, 2012**

GRENFELL TWP. - LARDER LAKE MINING DIVISION
CLAIMS: POSTED ON MAP
CONTOUR INTERVAL = 40, 200 nT
INSTRUMENT: GEM SYSTEMS GSM-19 MAGNETOMETER

***SURVEYED BY: YVAN VERONNEAU***




**N=1 RESISTIVTY**
OHM-M

## Legend

- Well Defined Strong IP Chargeability Anomaly/Trend
- Weak to Moderate Strength IP Chargeability Anomaly/Trend

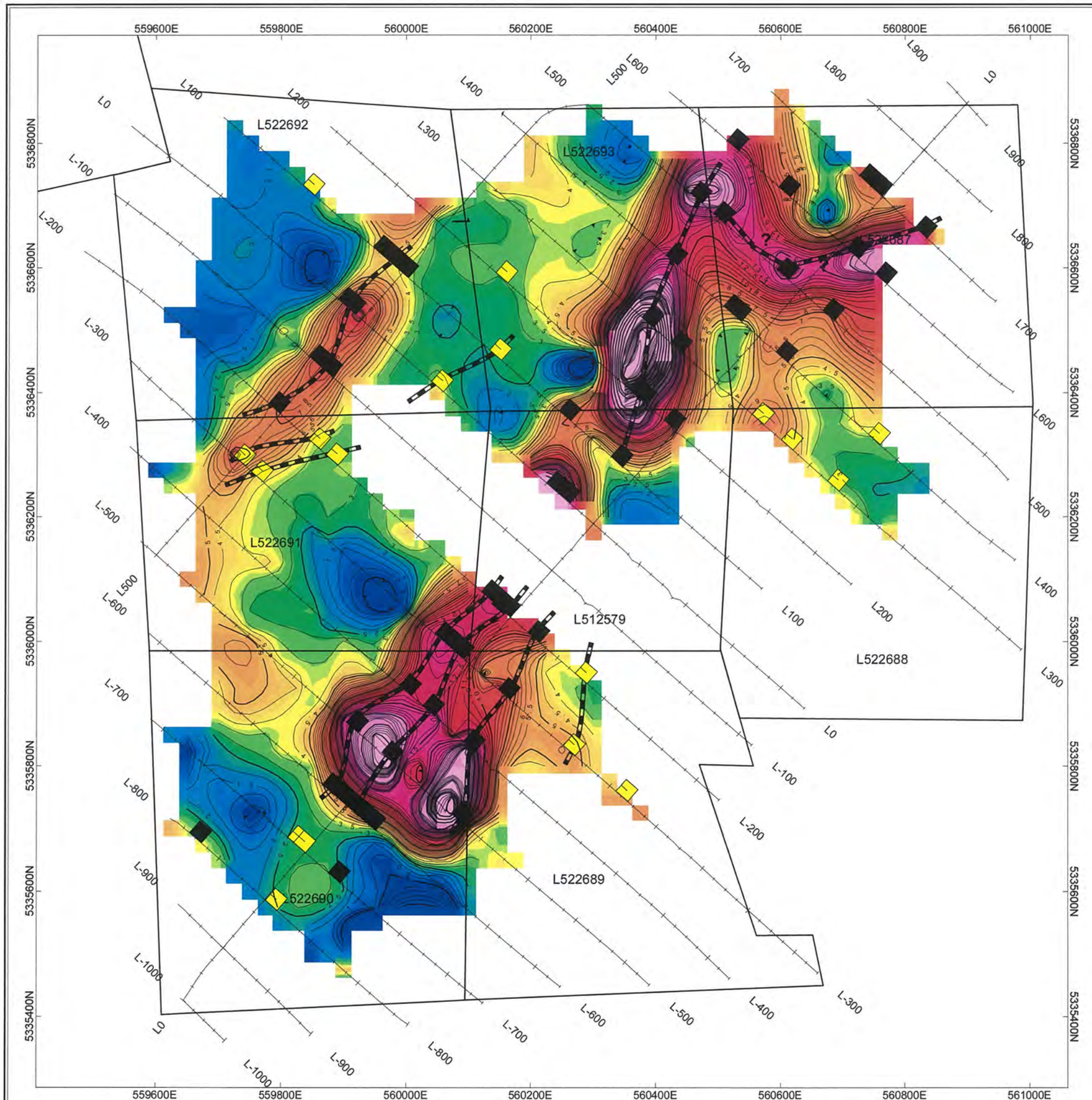
Scale 1:5000

100 0 100 200 300
(meters)
*NAD83 / UTM zone 17N*

LINE KILOMETERS SURVEYED:

FIG B

| SGX RESOURCES INC. |
|---|
| **GRENFELL PROJECT**<br>**N=1 RESISTIVITY - CONTOURS**<br>**NOVEMBER 16 - 29, 2012** |
| GRENFELL TWP. - LARDER LAKE MINING DIVISION<br>CLAIMS: POSTED ON MAP<br>CONTOUR INTERVAL = 1000, 5000 OHM-M<br>INSTRUMENT: IRIS ELREC PRO TD IP RECEIVER |
| ***SURVEYED BY: RAY MEIKLE AND ASSOCIATES*** |




20.8
17.5
14.8
13.8
12.8
11.5
10.3
9.3
8.3
7.5
6.8
6.3
5.8
5.3
5.0
4.8
4.5
4.3
4.0
3.8
3.5
3.3
3.0
2.8
2.5
2.3
2.0
1.8
1.5
1.3
1.0
0.8
0.3

**N=1 CHARGEABILITY**
mV/V

## Legend

- Well Defined Strong IP Chargeability Anomaly/Trend
- Weak to Moderate Strength IP Chargeability Anomaly/Trend

Scale 1:5000

100 0 100 200 300
(meters)
NAD83 / UTM zone 17N

LINE KILOMETERS SURVEYED:

FIG 2C

| SGX RESOURCES INC. |
|---|
| **GRENFELL PROJECT**<br>**IP CHARGEABILITY - N=1**<br>**NOVEMBER 16 - 29, 2012** |
| GRENFELL TWP. - LARDER LAKE MINING DIVISION<br>CLAIMS: POSTED ON MAP<br>CONTOUR INTERVAL = 0.5, 2.5 mV/V<br>INSTRUMENT: IRIS ELREC PRO TD IP RECEIVER |
| ***SURVEYED BY: RAY MEIKLE AND ASSOCIATES*** |

# SGX RESOUCES GRENFELL PROJECT REPORT
# PART III
# DRILL LOGS

# SGX RESOURCES

**Prospect: IP S. of Shaft** | **Grid Location: L25E ST40S** | **Drill Company:**
**DDH: JS1301** | **Azimuth/Dip: 135/-45** | **UTM:560347E 5336180N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L512579** | **EOH:266m.** | **Date Started: 1/15/2013** **Date Finished:1/28/2013** | K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 22.00 | Casing | CAS | Note, casing left in hole. | | | | | | | | | |
| 22.00 | 52.70 | Dacite | 3D | at 22 to 34.5 | 1242501 | 22.00 | 23.00 | 1.00 | < 5 | | | | |
| | | | | Unit is light grey color on fresh dry surface, and is extremely | 1242502 | 23.00 | 24.00 | 1.00 | 8 | | | | |
| | | | | extremely hard and silicified; also very fine grained to | 1242503 | 24.00 | 25.00 | 1.00 | < 5 | | | | |
| | | | | aphanitic. From casing down to about 26.5 m the unit is | 1242504 | 25.00 | 26.00 | 1.00 | < 5 | | | | |
| | | | | very broken and blocky with numerous fractures at | 1242505 | 26.00 | 27.00 | 1.00 | < 5 | | | | |
| | | | | 50 degrees to CA and a number of slips at 15 deg to CA | 1242506 | 27.00 | 28.00 | 1.00 | < 5 | | | | |
| | | | | This section of unit is non mangetic and there is only one | 1242507 | 28.00 | 29.00 | 1.00 | 9 | | | | |
| | | | | quartz stringer noted about a cm wide at 23.35 at 15 deg to | 1242508 | 29.00 | 30.00 | 1.00 | < 5 | | | | |
| | | | | CA. Locally within this interval there are sub angular | 1242509 | 30.00 | 31.00 | 1.00 | < 5 | | | | |
| | | | | fragments that are dull redduish in color with white tiny | 1242510 | 31.00 | 32.00 | 1.00 | < 5 | | | | |
| | | | | flecks of calcite within them. Also within this interval some | 1242511 | 32.00 | 33.00 | 1.00 | < 5 | | | | |
| | | | | minor cherty bands also associated with these dull red | 1242512 | 33.00 | 34.00 | 1.00 | < 5 | | | | |
| | | | | fragments. Most prominent cherty band from 29.48 to 30.4 | 1242513 | 34.00 | 35.00 | 1.00 | < 5 | | | | |
| | | | | meters. Where banding noted in chert band it is at 45 deg | 1242514 | 35.00 | 36.00 | 1.00 | < 5 | | | | |
| | | | | to CA, banding in this brecciated within chert unit. | 1242515 | 36.00 | 37.00 | 1.00 | < 5 | | | | |
| | | | | Distinct increase in dull reddish fragments from 30.4 to 34.5 | 1242516 | 37.00 | 38.00 | 1.00 | < 5 | | | | |
| | | | | as described above. No significant sulphides (trace to 1%) | 1242517 | 38.00 | 39.00 | 1.00 | < 5 | | | | |
| | | | | | 1242518 | 39.00 | 40.00 | 1.00 | < 5 | | | | |
| | | | | at 34.5 to 44 | 1242519 | 40.00 | 41.00 | 1.00 | < 5 | | | | |
| | | | | This section very similar to unit above, grey color on fresh | 1242520 | 41.00 | 42.00 | 1.00 | < 5 | | | | |
| | | | | dry surface, extremely hard, silicified, and fine grained to | 1242521 | 42.00 | 43.00 | 1.00 | < 5 | | | | |
| | | | | aphatitic. Again unit contains subangular dull reddish | 1242522 | 43.00 | 44.00 | 1.00 | < 5 | | | | |
| | | | | fragments with white calcite flecks as well as a number of | 1242523 | 44.00 | 45.00 | 1.00 | < 5 | | | | |
| | | | | white cherty fragments. Fairly competent unit with a number | 1242524 | 45.00 | 46.00 | 1.00 | 6 | | | | |
| | | | | of minor fractures at 45 deg to CA with the exception of a | 1242525 | 46.00 | 47.00 | 1.00 | < 5 | | | | |
| | | | | fairly major fault zone with some minor lost core from 34.5 | 1242526 | 47.00 | 48.00 | 1.00 | < 5 | | | | |
| | | | | to 37.2 meters (rubble). | 1242527 | 48.00 | 49.00 | 1.00 | < 5 | | | | |
| | | | | Again, no significant sulphide mineralization, local pyrite | 1242528 | 49.00 | 50.00 | 1.00 | 7 | | | | |
| | | | | traces to 1/2% as best and very occassional quartz stringer. | 1242529 | 50.00 | 51.00 | 1.00 | < 5 | | | | |
| | | | | Again this section is non magnetic. | 1242530 | 51.00 | 52.00 | 1.00 | < 5 | | | | |
| | | | | | 1242531 | 52.00 | 52.70 | 0.70 | < 5 | | | | |
| | | | | at 44 to 52.70 | | | | | | | | | |
| | | | | Again as per descriptions of unit above, greyish color on | | | | | | | | | |
| | | | | fresh dry surface, extremely hard silicified and fine grained. | | | | | | | | | |
| | | | | This interval of unit farily competent with a few fractures at | | | | | | | | | |
| | | | | 45 and 80 deg to CA, overall a few minor slips at 15 deg | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 44 to 52.70 continued | | | | | | | | | |
| | | | | to CA. This interval again has no significant sulphides or | | | | | | | | | |
| | | | | veining of any kind to speak of. This section has substantial | | | | | | | | | |
| | | | | cherty white fragmets as described above, below 50 m. | | | | | | | | | |
| | | | | they become less and less towards contact. The unit is | | | | | | | | | |
| | | | | again non magnetic. Towards lower contact increase | | | | | | | | | |
| | | | | in fractures, slightly blocky from 51 to 52.70. Minor fault with | | | | | | | | | |
| | | | | hematite and epidote stringers at 51.75 oriented 45 deg to | | | | | | | | | |
| | | | | CA. Note, fragments may range from a cm to a few cm or | | | | | | | | | |
| | | | | so across. Lower contact of this unit associated with a | | | | | | | | | |
| | | | | small shear at 10 to 15 deg to CA but actual contact is | | | | | | | | | |
| | | | | ground. | | | | | | | | | |
| | | | | | | | | | | | | | |
| **52.70** | **225.70** | **Gabbro** | **6G** | at 52.70 to 64 | 1242532 | 52.70 | 53.00 | 0.30 | 5 | | | | |
| | | | | Gabbro unit is greenish to very light grey in color depending | 1242533 | 53.00 | 54.00 | 1.00 | < 5 | | | | |
| | | | | on amount of ferro-magnesium minerals. The unit is medium | 1242534 | blank | | | < 5 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1242535 | 54.00 | 55.00 | 1.00 | < 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1242536 | CDNGS1J | | | 906 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1242537 | 55.00 | 56.00 | 1.00 | 9 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1242538 | 56.00 | 57.00 | 1.00 | < 5 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1242539 | 57.00 | 58.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1242540 | 58.00 | 59.00 | 1.00 | < 5 | | | | |
| | | | | accessory quartz noted rarely. | 1242541 | 59.00 | 60.00 | 1.00 | < 5 | | | | |
| | | | | Unit is not really altered per say but amphiboles are soft | 1242542 | 60.00 | 61.00 | 1.00 | < 5 | | | | |
| | | | | and thought to be chloritic. Competent looking unit that is | 1242543 | 61.00 | 62.00 | 1.00 | 10 | | | | |
| | | | | of medium hardness with a few minor slips such as at | 1242544 | 62.00 | 63.00 | 1.00 | < 5 | | | | |
| | | | | 54.9 meters at 15 deg to CA, at this particular point there | 1242545 | 63.00 | 64.00 | 1.00 | 10 | | | | |
| | | | | is a small calcite veinlet. Similar significant minor slips | 1242546 | 64.00 | 65.00 | 1.00 | 22 | | | | |
| | | | | present at 56.4 to 57 and 61.6 to 61.9. | | | | | | | | | |
| | | | | No real significant veining in this unit per say but some | | | | | | | | | |
| | | | | minor epidote stringers at 57 to 58 m. | | | | | | | | | |
| | | | | It should be noted from 59 to 64 some sections with more | | | | | | | | | |
| | | | | dominant plagioclase feldspar component that are med to | | | | | | | | | |
| | | | | coarse grained. | | | | | | | | | |
| | | | | Very localized magnetic response from 52.70 about 58 m. | | | | | | | | | |
| | | | | and beyond 58 metrers strong mangnetic response, in | | | | | | | | | |
| | | | | corarer sections black mangentic mineral, likely magnetite. | | | | | | | | | |
| | | | | Significant pyrite (homogeneous distribution) throughout | | | | | | | | | |
| | | | | entire interval. Estimated pyrite content overall 3% minimum. | | | | | | | | | |
| | | | | Pyrite present in stringers, dissemeinated form, blebs and | | | | | | | | | |
| | | | | clots. Most substantial pyrite found disseminated through | | | | | | | | | |
| | | | | unit and pyrite also found on fracture faces sometimes | | | | | | | | | |
| | | | | more cubic in appearance on fracture faces. | | | | | | | | | |
| | | | | Note fractures in this unit which are few in number are | | | | | | | | | |
| | | | | generally at 45 deg to CA are where some of pyrite | | | | | | | | | |
| | | | | stringers noted. | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 64 to 74 meters | 1242547 | 65.00 | 66.00 | 1.00 | 7 | | | | |
| | | | | This section of the gabbro unit is as per description above | 1242548 | 66.00 | 67.00 | 1.00 | 204 | | | | |
| | | | | from 52.7 to 64 meters, with respect to mineralogical make | 1242549 | 67.00 | 68.00 | 1.00 | 75 | | | | |
| | | | | up and color. Still a hard unit overall. | 1242550 | 68.00 | 69.00 | 1.00 | 17 | | | | |
| | | | | The current interval is again fairly competent with a few | 1242551 | 69.00 | 70.00 | 1.00 | 16 | | | | |
| | | | | minor slips oriented at about 15 deg to CA as at 68.5 m for | 1242552 | 70.00 | 71.00 | 1.00 | 8 | | | | |
| | | | | example. A few fractures noted at about 45 deg to CA.; | 1242553 | 71.00 | 72.00 | 1.00 | 13 | | | | |
| | | | | these are now sometimes infilled with narrow epidtote | 1242554 | 72.00 | 73.00 | 1.00 | 31 | | | | |
| | | | | stringers. Some epidote also present along salvages for a | 1242555 | 73.00 | 74.00 | 1.00 | 9 | | | | |
| | | | | cm or two beyond slips, this epidote is localized. | | | | | | | | | |
| | | | | This section is medium grained with local finer grained | | | | | | | | | |
| | | | | sections and sections which are more med to coarser | | | | | | | | | |
| | | | | grained. The coarser grained sections are more plagioclase | | | | | | | | | |
| | | | | enriched; the more plagioclase enriched sections are from | | | | | | | | | |
| | | | | from 71 to 74 meters, some sporadic plag enriched sections | | | | | | | | | |
| | | | | 64 to 71. Outside of section from 64 to 71 predominantly | | | | | | | | | |
| | | | | more greenish unit dominated with ferro mag minerals and | | | | | | | | | |
| | | | | less plagioclase. | | | | | | | | | |
| | | | | This unit is moderately to strongly magnetic and presence | | | | | | | | | |
| | | | | of magnetite particularily evident in more coarse sections of | | | | | | | | | |
| | | | | unit. The current interval from 64 to 74 again contains | | | | | | | | | |
| | | | | Significant pyrite (homogeneous distribution) throughout | | | | | | | | | |
| | | | | in disseminated form with minor stingers and some sulphide | | | | | | | | | |
| | | | | on slip planes and fractures as well. Estimate 2-3% pyrite. | | | | | | | | | |
| | | | | Note, no significant quartz or quartz carb veins or veinlets | | | | | | | | | |
| | | | | in this section | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 74 to 90 meters | 1242556 | 74.00 | 75.00 | 1.00 | 8 | | | | |
| | | | | gabbroic unit again comprised with minerology similar to | 1242557 | 75.00 | 76.00 | 1.00 | 10 | | | | |
| | | | | that described in previous sections, minerology again is | 1242558 | 76.00 | 77.00 | 1.00 | 8 | | | | |
| | | | | plagioclase, hornblende and some pyroxene (ferro-mags) | 1242559 | 77.00 | 78.00 | 1.00 | 12 | | | | |
| | | | | with some accessories such as quartz. Dominant minerals | 1242560 | 78.00 | 79.00 | 1.00 | 6 | | | | |
| | | | | amphiboles (hornblende) and plagioclase feldspar with | 1242561 | 79.00 | 80.00 | 1.00 | < 5 | | | | |
| | | | | with more minor pyroxene. Distinct sections of medium | 1242562 | 80.00 | 81.00 | 1.00 | 7 | | | | |
| | | | | to coarse grained rock with sections of medium to finer | 1242563 | 81.00 | 82.00 | 1.00 | 8 | | | | |
| | | | | grained material as well, dominantly medium to finer grained | 1242564 | 82.00 | 83.00 | 1.00 | 8 | | | | |
| | | | | from 79.5 to 84.5m. Color of unit ranges from green to | 1242565 | 83.00 | 84.00 | 1.00 | < 5 | | | | |
| | | | | grenish grey, dependent of ferro mag content versus | 1242566 | 84.00 | 85.00 | 1.00 | < 5 | | | | |
| | | | | plgioclase content. Note coarser sections in general have | 1242567 | 85.00 | 86.00 | 1.00 | < 5 | | | | |
| | | | | more plagioclse and are more greyish in color. | 1242568 | 86.00 | 87.00 | 1.00 | < 5 | | | | |
| | | | | All section of this interval are strongy magnetic. | 1242569 | blank | | | < 5 | | | | |
| | | | | Overall a pretty competetent looking unit, a number of | 1242570 | 87.00 | 88.00 | 1.00 | 5 | | | | |
| | | | | fractures at 45 deg to CA and a few minor slips such as at | 1242571 | 88.00 | 89.00 | 1.00 | 6 | | | | |
| | | | | 84.2 meters generally at 15 deg to CA. Often slips have | 1242572 | CDNGS1J | | | 795 | | | | |
| | | | | a few minor epitdote stringers within them, this is noted | 1242573 | 89.00 | 90.00 | 1.00 | 9 | | | | |
| | | | | more in med to finer grained sections of this interval. | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 74 to 90 meters continued | | | | | | | | | |
| | | | | Throughout this interval pyrite is noted in disseminted form | | | | | | | | | |
| | | | | throughout, estimated content about 1-2%, note some py on | | | | | | | | | |
| | | | | slip planes and a few rare stringers. Overall this section of | | | | | | | | | |
| | | | | gabbro is hardand cannot be scratched with knife. No | | | | | | | | | |
| | | | | significant quartz veins noted except for a minor stringer | | | | | | | | | |
| | | | | a few cm across at 86.5 meters. No significant alteration | | | | | | | | | |
| | | | | noted per say in this interval. | | | | | | | | | |
| | | | | | 1242574 | 90.00 | 91.00 | 1.00 | 10 | | | | |
| | | | | at 90 to 106 meters | 1242575 | 91.00 | 92.00 | 1.00 | 12 | | | | |
| | | | | This gabbro interval has very similar minerology to that | 1242576 | 92.00 | 93.00 | 1.00 | < 5 | | | | |
| | | | | described above from 74 to 90 meters. This interval again | 1242577 | 93.00 | 94.00 | 1.00 | < 5 | | | | |
| | | | | has various grain sizes such as medium to coarse grained | 1242578 | 94.00 | 95.00 | 1.00 | 7 | | | | |
| | | | | and medium to finer grained basically. The medium to finer | 1242579 | 95.00 | 96.00 | 1.00 | < 5 | | | | |
| | | | | grained material for the most part is present between 90 | 1242580 | 96.00 | 97.00 | 1.00 | < 5 | | | | |
| | | | | to 99.65, this section has a few minor coarser sections but | 1242581 | 97.00 | 98.00 | 1.00 | < 5 | | | | |
| | | | | for the most part is med to finer grained. The section from | 1242582 | 98.00 | 99.00 | 1.00 | < 5 | | | | |
| | | | | 90 to 99.65 is a greenish color on fresh surface due to | 1242583 | 99.00 | 99.65 | 0.65 | < 5 | | | | |
| | | | | more ferro mags than plagioclase. Similarily the coarser | 1242584 | 99.65 | 99.94 | 0.29 | < 5 | | | | |
| | | | | section from 99.65 to 106 is lighter greyish color on fresh | 1242585 | 99.94 | 101.00 | 1.06 | < 5 | | | | |
| | | | | surface due to more dominant plagioclase component. | 1242586 | 101.00 | 102.00 | 1.00 | < 5 | | | | |
| | | | | Unit is very competent in appearance with a few fractures | 1242587 | 102.00 | 103.00 | 1.00 | < 5 | | | | |
| | | | | again at 45 deg to CA. Also, again a few minor slips at | 1242588 | 103.00 | 104.00 | 1.00 | < 5 | | | | |
| | | | | about 15 deg to CA such as at 90.5, 93, 97 and 99.65 m. | 1242589 | 104.00 | 105.00 | 1.00 | < 5 | | | | |
| | | | | Unlike last gabbro intrval above only a rare epidote stringer | 1242590 | 105.00 | 106.00 | 1.00 | < 5 | | | | |
| | | | | or two. No significant alteration noted. One quartz vein | | | | | | | | | |
| | | | | noted from 99.65 to 99.94, lower contact along slip at | | | | | | | | | |
| | | | | 20 deg to CA. and upper contact along fracture at 45 deg | | | | | | | | | |
| | | | | to CA, trace of sulphides noted along with minor epidote in | | | | | | | | | |
| | | | | vein, trace pyrite on contact of vein. | | | | | | | | | |
| | | | | Again this unit considered hard as one cannot scratch with | | | | | | | | | |
| | | | | knife. Moderately to strongly magnetic throughout this | | | | | | | | | |
| | | | | interval. Unit contains roughly 1-3% sulphides throughout | | | | | | | | | |
| | | | | with coarser units having a slightly higher amount. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 106 to 119 | | | | | | | | | |
| | | | | Again gabbro interval has simiar minerology to interval | 12425591 | 106.00 | 107.00 | 1.00 | < 5 | | | | |
| | | | | described from 74 to 90 above. Again section has various | 1242592 | 107.00 | 108.00 | 1.00 | < 5 | | | | |
| | | | | distinct sections with variable grain size. In this interval | 1242593 | 108.00 | 109.00 | 1.00 | < 5 | | | | |
| | | | | from 106 to 113 medium to coarse grained and this section | 1242594 | 109.00 | 110.00 | 1.00 | < 5 | | | | |
| | | | | is more greyish on fresh surface as dominant mineral make | 1242595 | 110.00 | 111.00 | 1.00 | < 5 | | | | |
| | | | | up is plagioclase rather than ferro-mags (amphiboles and | 1242596 | 111.00 | 112.00 | 1.00 | < 5 | | | | |
| | | | | pyroxenes). From 113 to 116.85 more medium to finer | 1242597 | 112.00 | 113.00 | 1.00 | < 5 | | | | |
| | | | | grained section, and more greenish in color on fresh | 1242598 | 113.00 | 114.00 | 1.00 | < 5 | | | | |
| | | | | surface, as ferro mag minerals dominant. Below 116.85 to | 1242599 | 114.00 | 115.00 | 1.00 | < 5 | | | | |
| | | | | 119 coarser material and similar color as at 106 to 113. | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 106 to 119 continued | | | | | | | | | |
| | | | | The interval from 106 to 119 is again a pretty competent | 1242600 | 115.00 | 116.00 | 1.00 | < 5 | | | | |
| | | | | section with again a few minor fractures at 45 deg to CA | 1242601 | 116.00 | 117.00 | 1.00 | < 5 | | | | |
| | | | | and 70 deg to CA. Also a few minor slips such as at 115.9 | 1242602 | 117.00 | 118.00 | 1.00 | < 5 | | | | |
| | | | | to 116.5 at about 10-15 deg to CA. Other similar slips at | 1242603 | 118.00 | 119.00 | 1.00 | < 5 | | | | |
| | | | | 111.4 and 117.9 m. No real distinct alteration present but | | | | | | | | | |
| | | | | a greenish hew to plagioclase feldspars (sericite) noted | | | | | | | | | |
| | | | | within coarser grained sections of unit. Again a very hard | | | | | | | | | |
| | | | | unit that cannot be scratched with knife. Pretty much | | | | | | | | | |
| | | | | strongly magnetic throughout entire interval. No distinct | | | | | | | | | |
| | | | | veining, exception is a tiny 2cm veinlet of quartz at 20 deg | | | | | | | | | |
| | | | | to CA associated with a minor slip at 117.3 meters | | | | | | | | | |
| | | | | Also rare epidote stringer noted on occasion with sip or | | | | | | | | | |
| | | | | fracture plane. Sulphide (pyrite) in this interval ranges from | | | | | | | | | |
| | | | | about 1 to 3% again. Mainly disemintated form and a few | | | | | | | | | |
| | | | | tiny clots. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 119 to 135 | 1242604 | 119.00 | 120.00 | 1.00 | < 5 | | | | |
| | | | | gabbroic unit which is a light greenish grey color & medium | 1242605 | 120.00 | 121.00 | 1.00 | < 5 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1242606 | blank | | | < 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1242607 | 121.00 | 122.00 | 1.00 | < 5 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1242608 | std gs6a | | | > 3000 | 5.51 | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1242609 | 122.00 | 123.00 | 1.00 | < 5 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1242610 | 123.00 | 124.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1242611 | 124.00 | 125.00 | 1.00 | < 5 | | | | |
| | | | | accessory quartz noted rarely. | 1242612 | 125.00 | 126.00 | 1.00 | < 5 | | | | |
| | | | | Reasonably hard unit and difficult to scratch with knife but | 1242613 | 126.00 | 127.00 | 1.00 | < 5 | | | | |
| | | | | amphibloes are somewhat chloritic and somewhat easier to | 1242614 | 127.00 | 128.00 | 1.00 | < 5 | | | | |
| | | | | scratch. Outside of chloritic amphiboles not much alteration. | 1242615 | 128.00 | 129.00 | 1.00 | < 5 | | | | |
| | | | | Competent unit except for block broken sections at 120.80- | 1242616 | 129.00 | 129.60 | 0.60 | < 5 | | | | |
| | | | | 121.07; 123.8-124.30; 130.40-131.1; 132 to 132.4. Aside | 1242617 | 129.60 | 130.50 | 0.90 | 7 | | | | |
| | | | | from the aforementioned areas some minor fractures at 45 | 1242618 | 130.50 | 131.00 | 0.50 | < 5 | | | | |
| | | | | deg to CA., and a few slips (minor) at15 deg to CA. | 1242619 | 131.00 | 132.00 | 1.00 | < 5 | | | | |
| | | | | Pretty much magnetic throughout except for a small section | 1242620 | 132.00 | 133.00 | 1.00 | < 5 | | | | |
| | | | | associated with leucoxenes and at 129.6 to 130.80 | 1242621 | 133.00 | 134.00 | 1.00 | < 5 | | | | |
| | | | | Weak to non existant HCL reaction, very rare quartz calcite | 1242622 | 134.00 | 135.00 | 1.00 | < 5 | | | | |
| | | | | stringer noted at 129.6 and 130.4 m. Note at 132.25 small | 1242623 | 135.00 | 136.00 | 1.00 | < 5 | | | | |
| | | | | quartz stringer at 45 deg to CA about 2 cm across. | 1242624 | 136.00 | 137.00 | 1.00 | < 5 | | | | |
| | | | | Overall not a lot of pyrite, perhaps 1/2% to 1% max. | 1242625 | 137.00 | 138.00 | 1.00 | < 5 | | | | |
| | | | | | 1242626 | 138.00 | 139.00 | 1.00 | < 5 | | | | |
| | | | | at 135 to 152 | 1242627 | 139.00 | 139.50 | 0.50 | < 5 | | | | |
| | | | | gabbroic unit which is a light greenish grey color & medium | 1242628 | 139.50 | 140.00 | 0.50 | < 5 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1242629 | 140.00 | 141.00 | 1.00 | < 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1242630 | 141.00 | 142.00 | 1.00 | < 5 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1242631 | 142.00 | 143.00 | 1.00 | < 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 135 to 152 continued | 1242632 | 143.00 | 144.00 | 1.00 | < 5 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1242633 | 144.00 | 145.00 | 1.00 | < 5 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1242634 | 145.00 | 146.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1242635 | 146.00 | 147.00 | 1.00 | < 5 | | | | |
| | | | | accessory quartz. In this interval ferro-mag rich sections | 1242636 | 147.00 | 148.00 | 1.00 | < 5 | | | | |
| | | | | are dominant (these are finer to medium grained) while in | 1242637 | 148.00 | 149.00 | 1.00 | < 5 | | | | |
| | | | | last part of interval from 149 to end of intrval is more | 1242638 | 149.00 | 150.00 | 1.00 | < 5 | | | | |
| | | | | medium grained and more plagioclase enriched. Similarily, | 1242639 | 150.00 | 151.00 | 1.00 | < 5 | | | | |
| | | | | from 136 to 139.75. | 1242640 | 151.00 | 152.00 | 1.00 | < 5 | | | | |
| | | | | Overall not really an alterd unit except a little more chloritic | 1242641 | 152.00 | 153.00 | 1.00 | < 5 | | | | |
| | | | | in ferro mag rich sections as amphibloes are altered, still | 1242642 | blank | | | < 5 | | | | |
| | | | | hard to scratch with a knife but slightly easier in ferro mag | 1242643 | 153.00 | 154.00 | 1.00 | < 5 | | | | |
| | | | | rich intervals. Unit has fairly strong magnetic response and | 1242644 | std gs6a | | | > 3000 | 5.53 | | | |
| | | | | no HCL response whatsoever. No significant veins but | 1242645 | 154.00 | 155.00 | 1.00 | < 5 | | | | |
| | | | | minor quartz vein from 147.15 to 147.20 at 85 deg to CA. | 1242646 | 155.00 | 156.00 | 1.00 | < 5 | | | | |
| | | | | Core in this section is pretty competent with the exception | 1242647 | 156.00 | 157.00 | 1.00 | 5 | | | | |
| | | | | of interval between 143 to 146 where is a fault sub parallel | 1242648 | 157.00 | 158.00 | 1.00 | < 5 | | | | |
| | | | | to CA from 143.75 to 144.75, core is broken up slightly in | 1242649 | 158.00 | 159.00 | 1.00 | < 5 | | | | |
| | | | | this faulted area. Outside of this core looks pretty good | 1242650 | 159.00 | 160.00 | 1.00 | < 5 | | | | |
| | | | | with only a few minor fractures at 45 deg to CA and a few | 1242651 | 160.00 | 161.00 | 1.00 | < 5 | | | | |
| | | | | minor slips at 10-15 deg to CA. | 1242652 | 161.00 | 162.00 | 1.00 | < 5 | | | | |
| | | | | Fair amount of sulphide note in this interval, overall estimate | 1242653 | 162.00 | 163.00 | 1.00 | < 5 | | | | |
| | | | | of 3% pyrite. Pyrite found in disseminated form clots and | 1242654 | 163.00 | 164.00 | 1.00 | < 5 | | | | |
| | | | | occassional vein. At 141 sulphide vein with quartz at 30 | 1242655 | 164.00 | 165.00 | 1.00 | < 5 | | | | |
| | | | | deg to CA and fair number of sulphide clots at 139.50-140. | 1242656 | 165.00 | 166.00 | 1.00 | < 5 | | | | |
| | | | | | 1242657 | 166.00 | 166.35 | 0.35 | < 5 | | | | |
| | | | | at 152 to 170 | 1242658 | 166.35 | 166.88 | 0.53 | 16 | | | | |
| | | | | Again a gabbro unit, in general as above this unit contains | 1242659 | 166.88 | 168.00 | 1.12 | < 5 | | | | |
| | | | | ferro mag minerals, namely amphiboles (altered chloritic) | 1242660 | 168.00 | 169.00 | 1.00 | < 5 | | | | |
| | | | | and some pyroxene. Interstitial to the ferro-mags is | 1242661 | 169.00 | 170.00 | 1.00 | < 5 | | | | |
| | | | | plagioclase. Generally fine to medium grained ferro mag rich | | | | | | | | | |
| | | | | sections with about 70% ferro mags (domnantly amphibole) | | | | | | | | | |
| | | | | are the norm for this gabbro. However in this particular | | | | | | | | | |
| | | | | interval lighter grey green gabbro dominated by medium | | | | | | | | | |
| | | | | to coarser grained plagioclase rich sections, still with 50:50 | | | | | | | | | |
| | | | | plagioclase to ferro mags. About 75% of this interval | | | | | | | | | |
| | | | | plagioclase rich gabbro. Some minor quartz in this gabbro | | | | | | | | | |
| | | | | unit as well. | | | | | | | | | |
| | | | | Pretty competent unit with some very minor slips at 15-20 | | | | | | | | | |
| | | | | deg to CA.Some minor fractures at 45 deg to CA. One | | | | | | | | | |
| | | | | exception to this is a minor fault subparallel to CA at about | | | | | | | | | |
| | | | | from 169.2 to 169.5 at 30 deg and 15 deg to CA for upper | | | | | | | | | |
| | | | | and lower contacts respectively. | | | | | | | | | |
| | | | | Some minor epidote veining noted genrally associate with | | | | | | | | | |
| | | | | fractures at 45 deg to CA or slips at 15 deg to CA. Rare | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 152 to 170 continued | | | | | | | | | |
| | | | | quartz stringer or two noted; i.e, at 164.75 to 164.95 sub- | | | | | | | | | |
| | | | | parallel to CA. Also, at 168.70 tiny quartz stringer at 45 deg | | | | | | | | | |
| | | | | to CA with epidote vein at 45 deg to CA in opposite direction | | | | | | | | | |
| | | | | crosscutting quartz, this shows epidote later that quartz | | | | | | | | | |
| | | | | and possibly later than original gold occurrence if this is | | | | | | | | | |
| | | | | same generation of veining. | | | | | | | | | |
| | | | | Note that at 166.35-168.88 there is a fine grained intermed. | | | | | | | | | |
| | | | | dyke with some clasts of gabbro in it. Upper contact | | | | | | | | | |
| | | | | at 166.35 along slip at 30 deg to CA. and 45 deg to CA on | | | | | | | | | |
| | | | | lower contact at 45 deg to CA. Some quartz ankrite | | | | | | | | | |
| | | | | stringers in dyke with pyrite rich salvages veins at 45 deg | | | | | | | | | |
| | | | | to CA. Overall pyrite content in dyke 6-7%. | | | | | | | | | |
| | | | | This unit is pretty hard for the most part and difficult to | | | | | | | | | |
| | | | | scratch with knife, slightly easier on area with more | | | | | | | | | |
| | | | | amphiblole. Unit strongly magnetic throughout. No HCL | | | | | | | | | |
| | | | | reaction in unit. | | | | | | | | | |
| | | | | Overall sulphide content of this section is estimated at 3 to | | | | | | | | | |
| | | | | 4%. Pyrite noted at clots tiny veinlets and disseminated. | | | | | | | | | |
| | | | | form. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 170 to 178 | | | | | | | | | |
| | | | | Gabbroic unit again, with minerology made up of plagioclase | 1242662 | 170.00 | 171.00 | 1.00 | < 5 | | | | |
| | | | | and ferro mag minerals such as amphiboles (chloritic | 1242663 | 171.00 | 172.00 | 1.00 | < 5 | | | | |
| | | | | hornblende), some black pyroxenes and minor quartz. | 1242664 | 172.00 | 173.00 | 1.00 | < 5 | | | | |
| | | | | Unit is a greyish green in color and more greenish when | 1242665 | 173.00 | 174.00 | 1.00 | 6 | | | | |
| | | | | there is more amphibole content and more greyish when | 1242666 | 174.00 | 175.00 | 1.00 | < 5 | | | | |
| | | | | more plagioclase rich as discussed in previous intervals | 1242667 | 175.00 | 176.00 | 1.00 | < 5 | | | | |
| | | | | above. From about 170 to about 175 somewhat more | 1242668 | 176.00 | 177.00 | 1.00 | < 5 | | | | |
| | | | | medium to coarser grained unit and richer in plagioclase, | 1242669 | 177.00 | 178.00 | 1.00 | < 5 | | | | |
| | | | | plagioclase about 50% and ferro mags 50% with amphibole | | | | | | | | | |
| | | | | dominant ferro mag. Below 175 to 178 gabbro is mixed with | | | | | | | | | |
| | | | | some finer to medium grained sections that have about 70% | | | | | | | | | |
| | | | | ferro mags (hornblende dominant) and 30% plagioclase. | | | | | | | | | |
| | | | | Intermixed with this is some medium grained more plag | | | | | | | | | |
| | | | | rich sections as described initially in this section. | | | | | | | | | |
| | | | | Very competent unit with no major faults just some minor | | | | | | | | | |
| | | | | slips at about 15-20 deg to CA and a few fractures at 45 | | | | | | | | | |
| | | | | deg to CA. A few tiny epidote stringers very minor assoc. | | | | | | | | | |
| | | | | with fractures often. Two tiny grey black quartz stringers | | | | | | | | | |
| | | | | with sulphides at 170.5-170.53 and and 170.77-170.78 at | | | | | | | | | |
| | | | | 45 deg and 10 deg to CA respectively | | | | | | | | | |
| | | | | Strongly magnetic unit, and no HCl reation. Estimated that | | | | | | | | | |
| | | | | this interval contains 1-1.5% pyrite mainly fine disseminated | | | | | | | | | |
| | | | | pyrite. | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 178 to 187 m. | 1242670 | 178.00 | 179.00 | 1.00 | < 5 | | | | |
| | | | | Gabbro unit is greenish to very light grey in color depending | 1242671 | 179.00 | 180.00 | 1.00 | < 5 | | | | |
| | | | | on amount of ferro-magnesium minerals. The unit is medium | 1242672 | 180.00 | 181.00 | 1.00 | < 5 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1242673 | 181.00 | 182.00 | 1.00 | < 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1242674 | 182.00 | 183.00 | 1.00 | < 5 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1242675 | 183.00 | 184.00 | 1.00 | < 5 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1242676 | 184.00 | 185.00 | 1.00 | < 5 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1242677 | 185.00 | 186.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1242678 | blank | | | < 5 | | | | |
| | | | | accessory quartz noted rarely. | 1242679 | 186.00 | 187.00 | 1.00 | < 5 | | | | |
| | | | | As previously noted more plag rich sections are coarser | 1242680 | stdGSP7E | | | 837 | | | | |
| | | | | grained while less sections where ferro mag minerals | 1242681 | 187.00 | 188.00 | 1.00 | < 5 | | | | |
| | | | | predominate are finer grained. This particular interval has | 1242682 | 188.00 | 189.00 | 1.00 | < 5 | | | | |
| | | | | alternating sections of plag rich and ferro mag rich section | 1242683 | 189.00 | 190.00 | 1.00 | < 5 | | | | |
| | | | | within it at about 40:60 respectively. | 1242684 | 190.00 | 191.00 | 1.00 | < 5 | | | | |
| | | | | Interval is very competent with a few minor sips at 20 deg | 1242685 | 191.00 | 192.00 | 1.00 | < 5 | | | | |
| | | | | to CA. and a few fractues at 45 deg to CA. Strongly | 1242686 | 192.00 | 193.00 | 1.00 | < 5 | | | | |
| | | | | magnetic unit; a few epidote stringers noted along fractures | 1242687 | 193.00 | 194.00 | 1.00 | < 5 | | | | |
| | | | | and othr than this no significant veining. No significant | 1242688 | 194.00 | 195.00 | 1.00 | < 5 | | | | |
| | | | | alteration noted. Some epdiote extending a few cm away | 1242689 | 195.00 | 196.00 | 1.00 | < 5 | | | | |
| | | | | from fractures in rare instances | 1242690 | 196.00 | 197.00 | 1.00 | < 5 | | | | |
| | | | | Hard unit and difficult to scratch with knife,no HCl reaction. | 1242691 | 197.00 | 198.00 | 1.00 | < 5 | | | | |
| | | | | Very little pyrite noted; estimate about 1/2 %. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 187 to 205 | | | | | | | | | |
| | | | | Gabbro unit is greenish to very light grey in color depending | | | | | | | | | |
| | | | | on amount of ferro-magnesium minerals. The unit is medium | | | | | | | | | |
| | | | | grained and this section comprised of a greenish mineral | | | | | | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | | | | | | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | | | | | | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | | | | | | | | | |
| | | | | minerals ranging from 50-70% with the greenish | | | | | | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | | | | | | | | | |
| | | | | accessory quartz noted rarely. | | | | | | | | | |
| | | | | Tihis interval dominantly coarser grained more plag enriched | | | | | | | | | |
| | | | | gabbro(75% of interval). Unit is pretty competent looking | 1242692 | 198.00 | 199.00 | 1.00 | < 5 | | | | |
| | | | | again with the exception of very minor and slightly blocky | 1242693 | 199.00 | 200.00 | 1.00 | < 5 | | | | |
| | | | | section from 201-202.5, series of slips in here at 20 deg to | 1242694 | 200.00 | 201.00 | 1.00 | 6 | | | | |
| | | | | CA. Outside of this one section a few fractures at 40 & 70 | 1242695 | 201.00 | 202.00 | 1.00 | 6 | | | | |
| | | | | deg to CA. A few minor epidote stringers noted & generally | 1242696 | 202.00 | 203.00 | 1.00 | < 5 | | | | |
| | | | | associated with a fracture or slip ad some very minor | 1242697 | 203.00 | 204.00 | 1.00 | < 5 | | | | |
| | | | | quartz stringer i.e, 188.15 to 188.6 stinger about a cm or so | | | | | | | | | |
| | | | | wide parallels CA., some splashes of pyrite associate with | | | | | | | | | |
| | | | | stringer and some weak HCL reation as well. Quartz | | | | | | | | | |
| | | | | with epidote along salvage at 197.80 at 20 deg to CA, | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 187 to 205 continued | | | | | | | | | |
| | | | | veinlet about 1.5 cm wide, grey black quartz with pyrite. | | | | | | | | | |
| | | | | Unit is strongly magnetic and has no real reaction to HCL. | | | | | | | | | |
| | | | | This interval pretty hard and difficult to scratch with knife, | | | | | | | | | |
| | | | | some of more amphibole rich sections slightly easier to | | | | | | | | | |
| | | | | scratch as amphibles slightly more chloritic. About 2-2.5% | | | | | | | | | |
| | | | | dissminated pyrite in this interval | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 205 to 225.70 | 1242698 | 204.00 | 205.00 | 1.00 | < 5 | | | | |
| | | | | Gabbro unit is greenish to very light grey in color depending | 1242699 | 205.00 | 206.00 | 1.00 | < 5 | | | | |
| | | | | on amount of ferro-magnesium minerals. The unit is medium | 1242700 | 206.00 | 207.00 | 1.00 | < 5 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1242701 | 207.00 | 208.00 | 1.00 | < 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1242702 | 208.00 | 209.00 | 1.00 | 6 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1242703 | 209.00 | 210.00 | 1.00 | < 5 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1242704 | 210.00 | 211.00 | 1.00 | 6 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1242705 | 211.00 | 212.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1242706 | 212.00 | 213.00 | 1.00 | < 5 | | | | |
| | | | | accessory quartz noted rarely. | 1242707 | 213.00 | 214.00 | 1.00 | < 5 | | | | |
| | | | | Again coarser to medium grained sections of this interval | 1242708 | 214.00 | 215.00 | 1.00 | < 5 | | | | |
| | | | | are more plagioclase rich, while ferro mag rich sections | 1242709 | 215.00 | 216.00 | 1.00 | < 5 | | | | |
| | | | | are finer grained. In this interval the proportions of plag rich | 1242710 | 216.00 | 217.00 | 1.00 | < 5 | | | | |
| | | | | gabbro to ferro-mag rich gabbro are about 65:35 | 1242711 | 217.00 | 218.00 | 1.00 | < 5 | | | | |
| | | | | respectively. For the most part a competent unit with a few | 1242712 | 218.00 | 219.00 | 1.00 | < 5 | | | | |
| | | | | fractures at 45 and 70 deg to CA and a few minor sips at | 1242713 | 219.00 | 220.00 | 1.00 | < 5 | | | | |
| | | | | about 20 deg to CA. Exception to this is a couple of small | 1242714 | Blank | | | < 5 | | | | |
| | | | | faults at 211.25-211.50 at 15-20 deg to CA and a blocky | 1242715 | 220.00 | 221.00 | 1.00 | < 5 | | | | |
| | | | | broken fault zone over short interval from 217-217.65 at | 1242716 | stdGS6A | | | > 3000 | 5.73 | | | |
| | | | | about 10-15 deg to CA. | 1242717 | 221.00 | 222.00 | 1.00 | < 5 | | | | |
| | | | | No real significan veining any type in unit, a few minor | 1242718 | 222.00 | 223.00 | 1.00 | < 5 | | | | |
| | | | | epidote stringers generally parallel to slips and fractures. | 1242719 | 223.00 | 224.00 | 1.00 | < 5 | | | | |
| | | | | Unit is strongly magnetic for most part with exceptions | 1242720 | 224.00 | 225.00 | 1.00 | < 5 | | | | |
| | | | | being fault zone and sometimes proximal for a meter or | 1242721 | 225.00 | 225.70 | 0.70 | < 5 | | | | |
| | | | | so adjoining fault non magnetic. No significant HCL reaction. | | | | | | | | | |
| | | | | Again pretty hard unit, difficult to scratch with knife, ferro- | | | | | | | | | |
| | | | | mag rich sections can be scratched with difficulty. Pyrite | | | | | | | | | |
| | | | | content estimated at 1% max. | | | | | | | | | |
| | | | | | | | | | | | | | |
| **225.70** | **238.40** | **Mafic Volcanic** | **2U** | This unit appears to be a dark colored fine grained unit on | 1242722 | 225.70 | 226.00 | 0.30 | < 5 | | | | |
| | | | | fresh surface that is very hard, silicified? The unit is | 1242723 | 226.00 | 227.00 | 1.00 | < 5 | | | | |
| | | | | massive with some minor local fabric and a few fragements | 1242724 | 227.00 | 228.00 | 1.00 | < 5 | | | | |
| | | | | at 228.30, fabric which is weak at 25 deg to CA. | 1242725 | 228.00 | 229.00 | 1.00 | < 5 | | | | |
| | | | | Blocky broken fault zone from 231 to 235.05. This unit is | 1242726 | 229.00 | 230.00 | 1.00 | < 5 | | | | |
| | | | | possibly a raft of volcanic material at it is sporadically shot | 1242727 | 230.00 | 231.00 | 1.00 | < 5 | | | | |
| | | | | through with gabbroic dyke material similar to that described | 1242728 | 231.00 | 232.00 | 1.00 | < 5 | | | | |
| | | | | above giving the entire unit mottled appearance. Outside | 1242729 | 232.00 | 233.00 | 1.00 | < 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | of fault zone reasonably competent unit with fractures | 1242730 | 233.00 | 234.00 | 1.00 | < 5 | | | | |
| | | | | at 45 deg to CA and some minor slips at 15-20 deg to CA. | 1242731 | 234.00 | 235.00 | 1.00 | < 5 | | | | |
| | | | | Some very minor quartz stringers from about 226.35-226.10 | 1242732 | 235.00 | 236.00 | 1.00 | < 5 | | | | |
| | | | | and a minor stringer at 228.6 at 20 deg to CA parallel to | 1242733 | 236.00 | 237.00 | 1.00 | < 5 | | | | |
| | | | | some weak fabric. Variable magnetic response, moves | 1242734 | 237.00 | 238.00 | 1.00 | < 5 | | | | |
| | | | | in and out of strong to no response and back to strong | 1242735 | 238.00 | 238.40 | 0.40 | < 5 | | | | |
| | | | | throughout interval. No response to HCL. Pyrite content | | | | | | | | | |
| | | | | pretty minor overall 1/2% to 1% locally. Tiny stringers and | | | | | | | | | |
| | | | | disseminated pyrite. More dyke material towards lower | | | | | | | | | |
| | | | | contact which is associated wth chloritic slip plane at 10 | | | | | | | | | |
| | | | | deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 238.40 | 266.00 | Gabbro | 6G | At 238.40 to 255.75 | | | | | | | | | |
| | | | | Gabbro unit is greenish to very light grey in color depending | 1242736 | 238.40 | 239.00 | 1.00 | < 5 | | | | |
| | | | | on amount of ferro-magnesium minerals. The unit is medium | 1242737 | 239.00 | 240.00 | 1.00 | < 5 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1242738 | 240.00 | 241.00 | 1.00 | < 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1242739 | 241.00 | 242.00 | 1.00 | < 5 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1242740 | 242.00 | 243.00 | 1.00 | < 5 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1242741 | 243.00 | 244.00 | 1.00 | < 5 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1242742 | 244.00 | 245.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1242743 | 245.00 | 246.00 | 1.00 | < 5 | | | | |
| | | | | accessory quartz noted rarely. | 1242744 | 246.00 | 247.00 | 1.00 | < 5 | | | | |
| | | | | As in previous sections plagioclaese rich sections more | 1242745 | 247.00 | 248.00 | 1.00 | < 5 | | | | |
| | | | | medium to coarser grained and ferro mag rich section more | 1242746 | 248.00 | 249.00 | 1.00 | < 5 | | | | |
| | | | | med to finer grained. In this interval proportions of coarser | 1242747 | 249.00 | 250.00 | 1.00 | < 5 | | | | |
| | | | | grained plag rich to med finer ferro mag rich sections about | 1242748 | 250.00 | 251.00 | 1.00 | < 5 | | | | |
| | | | | 50% each. | 1242749 | 251.00 | 252.00 | 1.00 | < 5 | | | | |
| | | | | Overall a pretty competent unit with dominant fractures at | 1242750 | Blank | | | < 5 | | | | |
| | | | | 45 deg to CA and some minor slips at 20 deg to CA. From | 1242751 | 252.00 | 253.00 | 1.00 | < 5 | | | | |
| | | | | 251-254 a some blocky core as a series of slips at about | 1242752 | std GS6A | | | > 3000 | 5.81 | | | |
| | | | | 20 deg to CA. and simiarly at 247.7 to 248. Very few veins | 1242753 | 253.00 | 254.00 | 1.00 | < 5 | | | | |
| | | | | or stringers of any type, rare epidote veinlet or quartz | 1242754 | 254.00 | 255.00 | 1.00 | < 5 | | | | |
| | | | | calcite stringer present. No significant altration except | 1242755 | 255.00 | 256.00 | 1.00 | < 5 | | | | |
| | | | | sustantial epidote altration between 240-241 m., and some | | | | | | | | | |
| | | | | splashes of epidote mineralization between 242-243. | | | | | | | | | |
| | | | | Unit is hard to scratch with knife, more ferro-mag rich | | | | | | | | | |
| | | | | sections can be scratched with difficulty. | | | | | | | | | |
| | | | | Strongly magnetic from 238.4 to about 251 meters and then | | | | | | | | | |
| | | | | sporadic strong to non existant. Pyrite estimated at 1/2-1% | | | | | | | | | |
| | | | | maximum. Note in latter last few meters of interval localized | | | | | | | | | |
| | | | | weak HCl reaction and and outside of this none | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 255.75 to 266 (EOH) | 1242756 | 256.00 | 257.00 | 1.00 | 7 | | | | |
| | | | | Gabbro unit is greenish to very light grey in color depending | 1242757 | 257.00 | 258.00 | 1.00 | 8 | | | | |
| | | | | on amount of ferro-magnesium minerals. The unit is medium | 1242758 | 258.00 | 259.00 | 1.00 | < 5 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1242759 | 259.00 | 260.00 | 1.00 | 6 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1242760 | 260.00 | 261.00 | 1.00 | < 5 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1242761 | 261.00 | 262.00 | 1.00 | 1330 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1242762 | 262.00 | 263.00 | 1.00 | 6 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1242763 | 263.00 | 264.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1242764 | 264.00 | 264.53 | 0.53 | < 5 | | | | |
| | | | | accessory quartz noted rarely. | 1242765 | 264.53 | 265.00 | 0.47 | < 5 | | | | |
| | | | | Just as in previous intervals, there are coarser grained | 1242766 | 265.00 | 265.20 | 0.20 | 12 | | | | |
| | | | | more plagioclase rich sections and medium to finer grained | 1242767 | 265.20 | 265.60 | 0.40 | < 5 | | | | |
| | | | | ferro mag rich sections here. The coarser plagioclase rich | 1242768 | 265.60 | 266.00 | 0.40 | < 5 | | | | |
| | | | | sections of this interval are pretty pronounced i.e making | | | | | | | | | |
| | | | | up about 90% of interval. This is a competent unit with a | | | | | | | | | |
| | | | | few minor fractures at 45 deg to CA and a few minor slips | | | | | | | | | |
| | | | | at 20 deg to CA., small blocky broken section with slip from | | | | | | | | | |
| | | | | 260.30-260.70 10 deg to CA to subparallel; minor quartz | | | | | | | | | |
| | | | | calcite stinger along it. | | | | | | | | | |
| | | | | No significant alteration to speak of in unit. Strongly | | | | | | | | | |
| | | | | magnetiic with a few exceptions over 10`s of cm locally | | | | | | | | | |
| | | | | Hard unit and difficult to scratch with knife. At 264.35 | | | | | | | | | |
| | | | | there is a small quartz veinlet a cm or so wide at 45 deg to | | | | | | | | | |
| | | | | CA associated with some bleaching/silicification about 10 | | | | | | | | | |
| | | | | cm on each side of it. Some minor pyrite assoc. with | | | | | | | | | |
| | | | | veinlet and wall rock. Also, a small quartz stringer from | | | | | | | | | |
| | | | | 265.05-265.10 at 45 deg to CA with some pyrite(5%) | | | | | | | | | |
| | | | | and another 1/2 cm stringer at 265.18 with pyrite(1%) t 45 | | | | | | | | | |
| | | | | deg to CA as well. Both of these have some k-spar assoc. | | | | | | | | | |
| | | | | with them. Outside of these two veinlets no significant | | | | | | | | | |
| | | | | veining. Some HCl response proximal to qtz veinlet at 264.35 | | | | | | | | | |
| | | | | Outside of this there is no real HCL reaction noted. | | | | | | | | | |
| | | | | Estimated pyrite content 1/2-1%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | EOH 266 m. | | | | | | | | | |
| | | | | Casing left in hole. | | | | | | | | | |
| | | | | Core stored at SGX Resources facilities in Timmins Ontario. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Down Hole Test Results: | | | | | | | | | |
| | | | | 5m: 198.4 Az. -45.2 dip | | | | | | | | | |
| | | | | 50m:142.1 Az. -36.7 dip | | | | | | | | | |
| | | | | 65m:202 Az. -45.1 dip | | | | | | | | | |
| | | | | 175m.: 154.4 Az -34.8dip | | | | | | | | | |
| | | | | 250m: 152.9Az. -31.7 dip | | | | | | | | | |
| | | | | Qusestionable Azimuths due to strong magnetic core. | | | | | | | | | |
| | | | | | | | | | | | | | |

# SGX RESOURCES

**Prospect: IP Target W. of Shaft** | **Grid Location: L3W ST125N** | **Drill Company:**
**DDH: JS1302** | **Azimuth/Dip: 135/-45** | **UTM:560007E 5336047N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L522691** | **EOH: 260m.** | **Date Started: 2/21/2013 Date Finished:2/4/2013** | K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.90 | Casing | CAS | Note, casing left in hole. | | | | | | | | | |
| 0.90 | 17.10 | Gabbro | 6G | Grey green colored unit, medium to coarse grained | 1244188 | 0.90 | 2.00 | 1.10 | 5 | | | | |
| | | | | and this section comprised of a greenish mineral | 1244189 | 2.00 | 3.00 | 1.00 | 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1244190 | 3.00 | 4.00 | 1.00 | 5 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1244191 | 4.00 | 5.00 | 1.00 | 5 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1244192 | 5.00 | 6.00 | 1.00 | 5 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1244193 | 6.00 | 7.00 | 1.00 | 27 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1244194 | 7.00 | 8.00 | 1.00 | 5 | | | | |
| | | | | accessory quartz noted rarely. This particular interval | 1244195 | 8.00 | 9.00 | 1.00 | 7 | | | | |
| | | | | has fairly good gabbroic texture exhibited from start to | 1244196 | 9.00 | 10.00 | 1.00 | 107 | | | | |
| | | | | about 13.5. Beyond 13.5 metes gabbroic texture is not as | 1244197 | 10.00 | 11.00 | 1.00 | 14 | | | | |
| | | | | distinct and slightly more bleached grey color. A series of | 1244198 | 11.00 | 12.00 | 1.00 | 5 | | | | |
| | | | | small wispy microstingers of quartz / quartz calcite start | 1244199 | 12.00 | 13.00 | 1.00 | 5 | | | | |
| | | | | at 12 to end of unit, these are at 45 deg to CA. Also, a | 1244200 | 13.00 | 14.00 | 1.00 | 2350 | | | | |
| | | | | small quartz calcite at 12.13 to 12.27, upper contact erratic | 1244201 | 14.00 | 15.00 | 1.00 | 543 | | | | |
| | | | | and lower contact at 45 deg to CA. Outside of the | 1244202 | 15.00 | 16.00 | 1.00 | 3000 | 9.41 | | | |
| | | | | aforementioned quartz / quartz calcite veining there is little | 1244203 | 16.00 | 17.10 | 1.10 | 282 | | | | 0.35 |
| | | | | other veining. Unit is very blocky and broken up from 4.35 | | | | | | | | | |
| | | | | to 8m. Oxidized minor fault/ slip at 4.35 to 5 with contacts | | | | | | | | | |
| | | | | at 50 deg to CA. Aside from fault and area assoc. with | | | | | | | | | |
| | | | | fault to about 8m unit is relatively competent looking from 8- | | | | | | | | | |
| | | | | 17.10. A few minor slips noted in this latter section, | | | | | | | | | |
| | | | | fractures noted generally at 45 and 70 deg to CA, a few | | | | | | | | | |
| | | | | minor slips at 30 deg to CA. Note, tiny granitic dyke noted | | | | | | | | | |
| | | | | at 6.65-6.80. Unit is totally non magnetic and is of moderate | | | | | | | | | |
| | | | | hardness as it can be scratched with a knife with some | | | | | | | | | |
| | | | | effort. From start to about 13 m basically no HCL reaction, | | | | | | | | | |
| | | | | but from 13-17.10 moderate HCL response. Approx. 1-2% | | | | | | | | | |
| | | | | disseminated pyrite through this interval. | | | | | | | | | |
| 17.10 | 18.30 | Quartz Calcite Vein | QCV | Brecciated quartz calcite vein with minor pyrite and a few | 1244204 | 17.10 | 18.30 | 1.20 | 2500 | | | | |
| | | | | specks of chalcopyrite. Upper contact at 30 deg to CA and | | | | | | | | | |
| | | | | lower contact at 5 deg to CA. Slip plane and 18 m within | | | | | | | | | |
| | | | | vein at 20 deg to CA. | | | | | | | | | |
| 18.30 | 23.40 | Gabbro | 6G | Gabbro unit as per initial descripition in this unit above. From | 1244205 | 18.30 | 19.00 | 0.70 | 3000 | 5.12 | | | |
| | | | | lower contact of vein to 20.2 classic gabbroic texture is | 1244206 | 19.00 | 20.00 | 1.00 | 2620 | | | | |
| | | | | masked and unit greyish bleached color in this section. | 1244207 | 20.00 | 21.00 | 1.00 | 1400 | | | | 0.94 |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Below 20.2 to lower contact more medium grained gabbro | 1244208 | 21.00 | 22.00 | 1.00 | 26 | | | | |
| | | | | with good gabbroic texture and more greenish grey in | 1244209 | 22.00 | 23.00 | 1.00 | 37 | | | | |
| | | | | appearance. In entire unit from 18.30-23.40 plagioclase | 1244210 | 23.00 | 23.40 | 0.40 | 9 | | | | |
| | | | | component of unit estimated to be about 25% of unit. Unit | | | | | | | | | |
| | | | | in general is of moderate hardness and can be scratched | | | | | | | | | |
| | | | | with knife with some effort. Unit becomes magnetic at about | | | | | | | | | |
| | | | | 19.5 meters where some blebs of magnetite start to be | | | | | | | | | |
| | | | | present. Below vein to 19.5 non-magnetic and reaction to | | | | | | | | | |
| | | | | HCL, no HCL reaction from 19.5 to lower contact.Competent | | | | | | | | | |
| | | | | unit overall again with a few minor slips at 20 deg to CA | | | | | | | | | |
| | | | | and fractures again generally at 45 and 70 deg to CA. | | | | | | | | | |
| | | | | A section with some quartz calcite veining from 18.5-18.85 | | | | | | | | | |
| | | | | assoc. with a minor slip at 18.85 at 20 deg to CA, some | | | | | | | | | |
| | | | | K-spar in vein. Minor pyrite in unit estimated at 1/2% | | | | | | | | | |
| | | | | disseminated pyrite. Note small section of pegmantitic | | | | | | | | | |
| | | | | diorite from 19.8-20.05. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 23.40 | 29.20 | Diorite | 6D | For this unit contacts are gradational becoming coarser | 1244211 | 23.40 | 23.65 | 0.25 | 50 | | | | |
| | | | | and coarser until unit becomes more less coarse grained | 1244212 | 23.65 | 24.84 | 1.19 | 27 | | | | |
| | | | | to pegmatitic. From a mineralogical perspective unit made up | 1244213 | 24.84 | 25.50 | 0.66 | 31 | | | | |
| | | | | of amphiboles (hornblende) plagioclase, some pyroxenes, | 1244214 | 25.50 | 25.95 | 0.45 | 5 | | | | |
| | | | | and some K-spar. Also, some quartz. Two distinct mafic | 1244215 | 25.95 | 27.00 | 1.05 | 21 | | | | |
| | | | | dykes (possibly lamprophyre?) at 23.65-24.84 and at 25.5 | 1244216 | 27.00 | 28.00 | 1.00 | 47 | | | | |
| | | | | to 25.95. Contacts for upper dyke at 45 and 90 deg for | 1244217 | 28.00 | 28.50 | 0.50 | 53 | | | | |
| | | | | upper and lower contacts respectively. For lower dyke both | 1244218 | 28.50 | 29.20 | 0.70 | 5 | | | | |
| | | | | contacts at 45 deg to CA. Very little in the way of veining | | | | | | | | | |
| | | | | in this unit with the exception of a few minor quartz calcite | | | | | | | | | |
| | | | | stringers, note these cut the dykes as well. At 28.46-24.57 | | | | | | | | | |
| | | | | quartz flooding and small veinlet of quartz assoc with | | | | | | | | | |
| | | | | fracture at 45 deg to CA. Variable magnetic response | | | | | | | | | |
| | | | | in unit & dykes are non magnetic. Estimated at 1.5% pyrite | | | | | | | | | |
| | | | | in disseminated form and a few stringers. No HCL response | | | | | | | | | |
| | | | | in diorite but strong HCL response in dykes. Moderate | | | | | | | | | |
| | | | | hardness to diorite, can be scratched with knife with effort. | | | | | | | | | |
| | | | | Dykes are moderate to soft and fairly easily scratched with | | | | | | | | | |
| | | | | knife. Some patchy epidote alteration. Competent interval | | | | | | | | | |
| | | | | with a few fractures at 70 deg to CA & a few slips at 20 | | | | | | | | | |
| | | | | deg to CA generally assoc. with dykes. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 29.20 | 202.16 | Gabbro | 6G | Description at 29.20-35.13 | 1244219 | 29.20 | 30.00 | 0.80 | 5 | | | | |
| | | | | Again a gabbro unit with mineralogical make up as per | 1244220 | Blank | | | 5 | | | | |
| | | | | description of gabbro at start of hole. Unit exhibits good | 1244221 | 30.00 | 31.00 | 1.00 | 5 | | | | |
| | | | | gabbroic texture and is greenish grey in color. Estimated | 1244222 | stdGSP7E | | | 749 | | | | |
| | | | | plagioclase component of this interval 20-25%. Very | 1244223 | 31.00 | 32.00 | 1.00 | 5 | | | | |
| | | | | competent unit with occassional rare slip at 30 deg to CA. & | 1244224 | 32.00 | 33.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | a few fractures at 45 and 70 deg to CA generally. No | | | | | | | | | |
| | | | | significant veining per say. A few minor epidote stringers | 1244225 | 33.00 | 34.00 | 1.00 | 5 | | | | |
| | | | | locally. Unit is non magnetic and has no HCL reaction. | 1244226 | 34.00 | 35.00 | 1.00 | 34 | | | | |
| | | | | Moderate hardness to unit and it can be scratched with a | 1244227 | 35.00 | 36.00 | 1.00 | 5 | | | | |
| | | | | knife with effort. Sparse pyrite noted, trace to 1/2%. | 1244228 | 36.00 | 37.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 35.13 to 52.34 | | | | | | | | | |
| | | | | Gabbro unit once again; minerology as per initial description | 1244229 | 37.00 | 38.00 | 1.00 | 5 | | | | |
| | | | | at start of hole. Grey/green unit with good gabbroic | 1244230 | 38.00 | 39.00 | 1.00 | 8 | | | | |
| | | | | texture throughout and medium grained(very homogeneous) | 1244231 | 39.00 | 40.00 | 1.00 | 5 | | | | |
| | | | | and plagioclase component of this interval about 30%. | 1244232 | 40.00 | 40.32 | 0.32 | 5 | | | | |
| | | | | Variable response to magnet throughout, some blebs of | 1244233 | 40.32 | 41.00 | 0.68 | 5 | | | | |
| | | | | magnetite noted on occasion. Moderately hard unit that can | 1244234 | 41.00 | 42.00 | 1.00 | 5 | | | | |
| | | | | be scratched with knife with some effort. No HCL response | 1244235 | 42.00 | 43.00 | 1.00 | 5 | | | | |
| | | | | No significant quartz veining except small section with a | 1244236 | 43.00 | 44.00 | 1.00 | 5 | | | | |
| | | | | few quartz / quartz calcite stringes from 40-40.15 m. | 1244237 | 44.00 | 45.00 | 1.00 | 5 | | | | |
| | | | | A few minor epidote stringers noted and a few patches of | 1244238 | 45.00 | 46.00 | 1.00 | 5 | | | | |
| | | | | epidote alteration. Very competent looking unit with some | 1244239 | 46.00 | 47.00 | 1.00 | 5 | | | | |
| | | | | fractures generally at 45 & 70 deg to CA, a few minor slips | 1244240 | 47.00 | 48.00 | 1.00 | 5 | | | | |
| | | | | again at about 20 deg to CA in general. Minor fault sub | 1244241 | 48.00 | 49.00 | 1.00 | 5 | | | | |
| | | | | parallel to CA from 45.15 to 45.5, core block and broken up | 1244242 | 49.00 | 50.00 | 1.00 | 5 | | | | |
| | | | | in this interval. Pyrite content in interval trace to 1/2%. | 1244243 | 50.00 | 51.00 | 1.00 | 5 | | | | |
| | | | | | 1244244 | 51.00 | 52.00 | 1.00 | 5 | | | | |
| | | | | Description at 52.34 to 69.51 | | | | | | | | | |
| | | | | Again continuation of gabbro unit with minerology as per | 1244245 | 52.00 | 53.00 | 1.00 | 5 | | | | |
| | | | | initial description in this hole. Unit greyish green in color and | 1244246 | 53.00 | 54.00 | 1.00 | 5 | | | | |
| | | | | medium grained and exhibits good gabbroic texture. Leans | 1244247 | 54.00 | 55.00 | 1.00 | 5 | | | | |
| | | | | more to greyish color as fair amount of plagioclase making | 1244248 | 55.00 | 56.00 | 1.00 | 5 | | | | |
| | | | | up unit, estimated content 35%. Minor fault zone comprised | 1244249 | 56.00 | 57.00 | 1.00 | 5 | | | | |
| | | | | of a series slips at 50 deg to CA, some gouge on slips from | 1244250 | 57.00 | 58.00 | 1.00 | 5 | | | | |
| | | | | 61.50 to 61.85, core slightly blocky and broken. Similar | 1244251 | 58.00 | 59.00 | 1.00 | 6 | | | | |
| | | | | minor fault at 62.50 to 63.00 made up of series of small slips | 1244252 | 59.00 | 60.00 | 1.00 | 8 | | | | |
| | | | | some with minor gouge an rubble at 62.50. In these fault | 1244253 | 60.00 | 61.00 | 1.00 | 5 | | | | |
| | | | | zones some bleaching and masking of gabbroic texture and | 1244254 | 61.00 | 61.50 | 0.50 | 294 | | | | |
| | | | | also a few quartz calcite stringers in 2nd fault zone. | 1244255 | 61.50 | 61.85 | 0.35 | 110 | | | | |
| | | | | Outside of these minor fault zones a few minor slips at 20 | 1244256 | Blank | | | 5 | | | | |
| | | | | deg to CA and a few fractures at 50 and 70 deg to CA in | 1244257 | 61.85 | 62.50 | 0.65 | 5 | | | | |
| | | | | general. Overall relatively competent unit. Outside of veining | 1244258 | stdGSP7E | | | 795 | | | | |
| | | | | described in assoc. with fault zone there are no significant | 1244259 | 62.50 | 63.00 | 0.50 | 54 | | | | |
| | | | | quartz veins per say. A few epidote stringers noted and | 1244260 | 63.00 | 64.00 | 1.00 | 38 | | | | |
| | | | | some patchy epidote sections particularily from start of | 1244261 | 64.00 | 65.00 | 1.00 | 5 | | | | |
| | | | | interval to 57 m. A few small quartz stringers noted from | 1244262 | 65.00 | 66.00 | 1.00 | 5 | | | | |
| | | | | 67 to 67.4 at 80 deg to CA, these stringers <2cm. Unit has | 1244263 | 66.00 | 67.00 | 1.00 | 5 | | | | |
| | | | | variable response with magnet, in general from 52.34-57 | 1244264 | 67.00 | 67.40 | 0.40 | 29 | | | | |
| | | | | basically non magnetic, and from 57 to 61.5 magnetic with | 1244265 | 67.40 | 68.00 | 0.60 | 6 | | | | |
| | | | | | 1244266 | 68.00 | 69.00 | 1.00 | 12 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | blebs of magnetite. Beyond this to end of interval basically | | | | | | | | | |
| | | | | non magnetic. Unit is of moderate hardness and can be | 1244267 | 69.00 | 70.00 | 1.00 | 5 | | | | |
| | | | | scratched with knife with effort. Unit has no HCL reaction | 1244268 | 70.00 | 71.00 | 1.00 | 5 | | | | |
| | | | | with the exception of bleached areas assoc. with minor | 1244269 | 71.00 | 72.00 | 1.00 | 5 | | | | |
| | | | | faults described above. Pyrite content estimated at 1/2% | 1244270 | 72.00 | 73.00 | 1.00 | 5 | | | | |
| | | | | with local sections such as in faults described above with | 1244271 | 73.00 | 74.00 | 1.00 | 5 | | | | |
| | | | | 2-3% locally. | 1244272 | 74.00 | 75.00 | 1.00 | 5 | | | | |
| | | | | | 1244273 | 75.00 | 76.00 | 1.00 | 5 | | | | |
| | | | | Description at 69.51 to 86.71 | 1244274 | 76.00 | 77.00 | 1.00 | 7 | | | | |
| | | | | Gabbro unit again and mineralogical description is as per | 1244275 | 77.00 | 78.00 | 1.00 | 5 | | | | |
| | | | | initial description in start of this hole. The unit is greyish | 1244276 | 78.00 | 79.00 | 1.00 | 5 | | | | |
| | | | | green in color, good gabbroic texture and plagioclase | 1244277 | 79.00 | 80.00 | 1.00 | 15 | | | | |
| | | | | component of unit estimated at 35%. Initially a coarse | 1244278 | 80.00 | 81.00 | 1.00 | 167 | | | | |
| | | | | grained unit to about 79.10 where unit becomes extremely | 1244279 | 81.00 | 82.00 | 1.00 | 5 | | | | |
| | | | | coarse to almost pegmatitic. Entire unit is very competent in | 1244280 | 82.00 | 83.00 | 1.00 | 5 | | | | |
| | | | | appearance with no major faults; unit has a few minor slips, | 1244281 | 83.00 | 84.00 | 1.00 | 1730 | | | | |
| | | | | in general these are at about 20 deg to CA. and some | 1244282 | 84.00 | 85.00 | 1.00 | 109 | | | | |
| | | | | fractures generally oriented 45 and 70 deg to CA. A minor | 1244283 | 85.00 | 86.00 | 1.00 | 16 | | | | |
| | | | | slip noted at 84.5-84.90 oriented subparalell to CA. No | 1244284 | 86.00 | 87.00 | 1.00 | 29 | | | | |
| | | | | significant quartz or quartz carb veining in unit, a few minor | | | | | | | | | |
| | | | | tiny stringers locally in particular between 78-79 m. | | | | | | | | | |
| | | | | Unit has no HCL reaction for most part except for small | | | | | | | | | |
| | | | | section between 78-79; in this short interval gabbroic | | | | | | | | | |
| | | | | texture is also oblitrated. Variable magnetic response, | | | | | | | | | |
| | | | | certain sections strongly magnetic due to presence of blebs | | | | | | | | | |
| | | | | of magnetite. Gabbro can be scratched with a knife with | | | | | | | | | |
| | | | | some effort, moderate hardness. Note, very minor K-spar | | | | | | | | | |
| | | | | noted in unit from 82-83. Within this unit pyrite content | | | | | | | | | |
| | | | | estimated at 1/2% to about 79 meters; in more coarse | | | | | | | | | |
| | | | | grained to pegmatitic portion of unit pyrite content more like | | | | | | | | | |
| | | | | 1-2%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 86.71 to 104.10 | 1244285 | 87.00 | 88.00 | 1.00 | 5 | | | | |
| | | | | Gabbro unit again and mineralogical description as per | 1244286 | 88.00 | 89.00 | 1.00 | 5 | | | | |
| | | | | initial description in this hole. Unit is greyish green in color | 1244287 | 89.00 | 90.00 | 1.00 | 5 | | | | |
| | | | | and initially very coarse grained to pegamatitic to about 93.3 | 1244288 | 90.00 | 91.00 | 1.00 | 5 | | | | |
| | | | | m. and beyond this to end of interval more medium grained. | 1244289 | 91.00 | 92.00 | 1.00 | 5 | | | | |
| | | | | Gabbroic texture evident throughout interval for the most | 1244290 | 92.00 | 93.00 | 1.00 | 5 | | | | |
| | | | | part paticularily in coarse pegmatitic textured sections. | 1244291 | 93.00 | 94.00 | 1.00 | 5 | | | | |
| | | | | Minor section from 101-102.5 where gabbroic texture is | 1244292 | Blank | | | 5 | | | | |
| | | | | masked and there is minor bleaching. Very competent unit | 1244293 | 94.00 | 95.00 | 1.00 | 5 | | | | |
| | | | | within this interval, a few minor slips at 20 deg to CA in | 1244294 | stdGS1J | Batch 36 | | 848 | | | | |
| | | | | general and two sets of fractures at 45 and 70 deg to CA. | 1244295 | 95.00 | 96.00 | 1.00 | 5 | | | | |
| | | | | Variable magnetic response throughout but strong | 1244296 | 96.00 | 97.00 | 1.00 | 5 | | | | |
| | | | | magnetic response in pegmatitic section where there are | 1244297 | 97.00 | 98.00 | 1.00 | 5 | | | | |
| | | | | distinct blebs of magnetite. Unit of moderate hardness | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | and can be scratched with knife with some effort. No HCL | 1244298 | 98.00 | 99.00 | 1.00 | 5 | | | | |
| | | | | reaction in unit with the exception of small bleached area | 1244299 | 99.00 | 100.00 | 1.00 | 5 | | | | |
| | | | | with masked gabbroic texture from 93.3-93.6 (transition | 1244300 | 100.00 | 101.00 | 1.00 | 5 | | | | |
| | | | | area between pegamtitic & coarse to med grained gabbro). | 1244301 | 101.00 | 102.00 | 1.00 | 5 | | | | |
| | | | | A few minor quartz stringers from 93.3-93.6 and one or | 1244302 | 102.00 | 102.50 | 0.50 | 5 | | | | |
| | | | | two others at most in unit. Some minor pyrite in unit, approx. | 1244303 | 102.50 | 103.00 | 0.50 | 5 | | | | |
| | | | | 1/2-1% maximum generally disseminated form. | 1244304 | 103.00 | 104.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 104.10 to 121.32 | | | | | | | | | |
| | | | | Gabbro unit grey green in color; this particular interval | 1244305 | 104.00 | 105.00 | 1.00 | 5 | | | | |
| | | | | has a mineralogical make up as per initial description in this | 1244306 | 105.00 | 106.00 | 1.00 | 5 | | | | |
| | | | | hole. Good gabbroic texture and a fairly coarse unit verging | 1244307 | 106.00 | 107.00 | 1.00 | 5 | | | | |
| | | | | on pegmatitic in some instances. Plagioclase feldspar in this | 1244308 | 107.00 | 108.00 | 1.00 | 5 | | | | |
| | | | | interval making up about 30% of unit. Unit is competent | 1244309 | 108.00 | 108.45 | 0.45 | 31 | | | | |
| | | | | looking but distinctly more slips and fractures in this interval | 1244310 | 108.45 | 109.54 | 1.09 | 18 | | | | |
| | | | | than previous sections. Again slips generally minor and at | 1244311 | 109.54 | 110.00 | 0.46 | 9 | | | | |
| | | | | 20 deg to CA and fractures at 45 and 70 deg to CA. Minor | 1244312 | 110.00 | 111.00 | 1.00 | 5 | | | | |
| | | | | fault with some healed gouge at 117.27 meters at 45 deg | 1244313 | 111.00 | 112.00 | 1.00 | 10 | | | | |
| | | | | to CA. Core somewhat blocky from 116 to 117.5 in assoc | 1244314 | 112.00 | 113.00 | 1.00 | 5 | | | | |
| | | | | with fault and some slips. Within unit there is a felsic dyke | 1244315 | 113.00 | 114.00 | 1.00 | 71 | | | | |
| | | | | at 108.45 to 109.54 with some rafts of gabbro in dyke. | 1244316 | 114.00 | 115.00 | 1.00 | 5 | | | | |
| | | | | Upper dyke contact at 20 deg to CA and lower contact at | 1244317 | 115.00 | 116.00 | 1.00 | 5 | | | | |
| | | | | 10 deg to CA. First few meters of this unit is magnetic but | 1244318 | 116.00 | 117.00 | 1.00 | 7 | | | | |
| | | | | beyond this basically no magnetic response. Unit is of | 1244319 | 117.00 | 118.00 | 1.00 | 7 | | | | |
| | | | | moderate hardness and can be scratched with knife with | 1244320 | 118.00 | 119.00 | 1.00 | 5 | | | | |
| | | | | effort. Basically gabbro has no HCL reaction, minor reaction | 1244321 | 119.00 | 120.00 | 1.00 | 5 | | | | |
| | | | | proximal to rare quartz carb stringer. A few quartz carb | 1244322 | 120.00 | 121.00 | 1.00 | 172 | | | | |
| | | | | stringers generally less than 1cm wide at 30 deg to CA., | 1244323 | 121.00 | 122.00 | 1.00 | 5 | | | | |
| | | | | particularily between 113 to 113.4 m. Some local patchy | 1244324 | 122.00 | 123.00 | 1.00 | 5 | | | | |
| | | | | epidote alteration over 10's of cm and a few minor epidote | 1244325 | 123.00 | 124.00 | 1.00 | 5 | | | | |
| | | | | stringers. Pretty sparse pyrite content, estimate <1/2%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 121.32 to 138.47 | | | | | | | | | |
| | | | | Again a gabbroic unit, with mineralogical make up similar | 1244326 | 124.00 | 125.00 | 1.00 | 5 | | | | |
| | | | | to inititial description in this hole. Greyish green colored | 1244327 | 125.00 | 126.00 | 1.00 | 5 | | | | |
| | | | | unit on fresh surface, good gabbroic texture exhibited | 1244328 | Blank | | | 5 | | | | |
| | | | | except short interval from approximately 134.5-136 m. This | 1244329 | 126.00 | 127.00 | 1.00 | 5 | | | | |
| | | | | short interval from 134.5 -136 in finer grained while the rest | 1244330 | stdGS1J | batch 37 | | 845 | | | | |
| | | | | of the interval is very coarse grained and in some instances | 1244331 | 127.00 | 128.00 | 1.00 | 5 | | | | |
| | | | | pegmatitic. Competent unit but a fair number of minor slips | 1244332 | 128.00 | 129.00 | 1.00 | 5 | | | | |
| | | | | at 20 deg to CA and fractures again at 45 & 70 deg to CA | 1244333 | 129.00 | 130.00 | 1.00 | 5 | | | | |
| | | | | in general. Sporadic magnetic response from 121.32 to 125 | 1244334 | 130.00 | 131.00 | 1.00 | 5 | | | | |
| | | | | as local blebs of magnetite noted. Below this interval pretty | 1244335 | 131.00 | 132.00 | 1.00 | 5 | | | | |
| | | | | much non magnetic. Moderate hardness, again can be | 1244336 | 132.00 | 133.00 | 1.00 | 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | scratched with knife with some effort. No HCL reaction. A | | | | | | | | | |
| | | | | few quartz carbonate stringers note generally at 45 & 70 | 1244337 | 133.00 | 134.00 | 1.00 | 5 | | | | |
| | | | | deg to CA as per fractures and the majority of these are | 1244338 | 134.00 | 135.00 | 1.00 | 5 | | | | |
| | | | | present from 131 to 133.5. Small granitic dyke present at | 1244339 | 135.00 | 136.00 | 1.00 | 9 | | | | |
| | | | | 134.92-135. Some minor leucoxene note proximal to veinlet | 1244340 | 136.00 | 137.00 | 1.00 | 5 | | | | |
| | | | | at 132.45 proximal to a small veinlet. Some epidote vienlets | 1244341 | 137.00 | 138.00 | 1.00 | 5 | | | | |
| | | | | noted, particularily in interval from 135 to 136 where epidote | 1244342 | 138.00 | 139.00 | 1.00 | 5 | | | | |
| | | | | veinlet subparallel to CA assoc. with poorly developed | | | | | | | | | |
| | | | | quartz vein. Some local patchy epidote again present. | | | | | | | | | |
| | | | | Pyrite estimated at <1/2%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 138.47-155.85 | 1244343 | 139.00 | 140.00 | 1.00 | 5 | | | | |
| | | | | Gabbroic unit once again with mineralogical make up as per | 1244344 | 140.00 | 141.00 | 1.00 | 5 | | | | |
| | | | | initial description of gabbro in this unit. Gabbro has variable | 1244345 | 141.00 | 142.00 | 1.00 | 5 | | | | |
| | | | | grain size ranging from medium to coarse grained and unit | 1244346 | 142.00 | 143.00 | 1.00 | 5 | | | | |
| | | | | greyish green in color. Good gabbroic texture evident | 1244347 | 143.00 | 144.00 | 1.00 | 5 | | | | |
| | | | | throughout interval. Overall a pretty competent unit with a | 1244348 | 144.00 | 145.00 | 1.00 | 5 | | | | |
| | | | | series of minor slips oriented at 30 deg to CA in general & a | 1244349 | 145.00 | 146.00 | 1.00 | 5 | | | | |
| | | | | number of fractures at 45 deg to CA in general. Veining & | 1244350 | 146.00 | 147.00 | 1.00 | 5 | | | | |
| | | | | or stringers within this unit are minimal, a few quartz carb | 1244351 | 147.00 | 148.00 | 1.00 | 5 | | | | |
| | | | | stringers noted 150.8 at 45 deg to CA and 152.8 to 152.9. | 1244352 | 148.00 | 149.00 | 1.00 | 5 | | | | |
| | | | | Also a few minor epidote stringers generally parallel to | 1244353 | 149.00 | 150.00 | 1.00 | 5 | | | | |
| | | | | fractures and slips. Some minor patchy epidote alteration | 1244354 | 150.00 | 151.00 | 1.00 | 5 | | | | |
| | | | | locally over 10's of cm. Sporadic response to magnet, | 1244355 | 151.00 | 152.00 | 1.00 | 5 | | | | |
| | | | | mainly non magnetic for most part some local areas that are | 1244356 | 152.00 | 153.00 | 1.00 | 5 | | | | |
| | | | | magnetic due to presence of blebs of magnetite. Moderate | 1244357 | 153.00 | 154.00 | 1.00 | 5 | | | | |
| | | | | hardness to unit, can be scratched with knife with effort. | 1244358 | 154.00 | 155.00 | 1.00 | 5 | | | | |
| | | | | No HCL reaction to gabbro. Sparse sulphide estimate 1/2%. | 1244359 | 155.00 | 156.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 155.85-173.16 | | | | | | | | | |
| | | | | Gabbro unit with minerology as per initial description in this | 1244360 | 156.00 | 157.00 | 1.00 | 5 | | | | |
| | | | | hole. Medium to coarse grained unit for the most part, and | 1244361 | 157.00 | 158.00 | 1.00 | 5 | | | | |
| | | | | exhibiting good gabbroic texture. Some minor areas where | 1244362 | 158.00 | 159.00 | 1.00 | 5 | | | | |
| | | | | where gabbroic texture is masked and there is some | 1244363 | 159.00 | 160.00 | 1.00 | 5 | | | | |
| | | | | bleaching such as at 163-164, and 172.7 to end of interval. | 1244364 | Blank | | | 5 | | | | |
| | | | | Overall the color of the unit is greyish green, plagioclase | 1244365 | 160.00 | 161.00 | 1.00 | 5 | | | | |
| | | | | component of this unit estimated at around 25%. Again, | 1244366 | stdGSP7E | Batch 38 | | 732 | | | | |
| | | | | relatively competent unit with a few minor slips and these | 1244367 | 161.00 | 162.00 | 1.00 | 5 | | | | |
| | | | | generally at about 30 deg to CA, also some fractures again | 1244368 | 162.00 | 163.00 | 1.00 | 5 | | | | |
| | | | | and these generally at 45 deg to CA in general. Very minor | 1244369 | 163.00 | 164.00 | 1.00 | 5 | | | | |
| | | | | quartz & quartz carbonate stringers in this interval, most of | 1244370 | 164.00 | 165.00 | 1.00 | 5 | | | | |
| | | | | stringers noted between 163-164 and 172.7-173, a few | 1244371 | 165.00 | 166.00 | 1.00 | 5 | | | | |
| | | | | other sporadic stringers locally. Most of this unit is magnetic | 1244372 | 166.00 | 167.00 | 1.00 | 5 | | | | |
| | | | | as there are blebs of magnetite present. Some non | 1244373 | 167.00 | 168.00 | 1.00 | 5 | | | | |
| | | | | magnetic sections over short intervals such as 163-164 m. | 1244374 | 168.00 | 169.00 | 1.00 | 10 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No HCl reaction in gabbo but bleached sections i.e. 163-164 | 1244375 | 169.00 | 170.00 | 1.00 | 5 | | | | |
| | | | | are the exception and react to HCL (minor areas). Again | 1244376 | 170.00 | 171.00 | 1.00 | 5 | | | | |
| | | | | moderate hardness, unit can be scratched with knife with | 1244377 | 171.00 | 172.00 | 1.00 | 5 | | | | |
| | | | | effort. Pretty sparse pyrite present <1/2%. Some minor | 1244378 | 172.00 | 172.50 | 0.50 | 5 | | | | |
| | | | | epidote stringers noted in this interval generally parallel to | 1244379 | 172.50 | 173.00 | 0.50 | 5 | | | | |
| | | | | slips and fractures. Small granitic dyke a few cm wide at 90 | | | | | | | | | |
| | | | | deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 173.16 to 190.82 | | | | | | | | | |
| | | | | Gabbroic unit and minerology as per initial description for | 1244380 | 173.00 | 174.00 | 1.00 | 5 | | | | |
| | | | | this unit. Unit is medium grained and more of a bleached | 1244381 | 174.00 | 175.00 | 1.00 | 5 | | | | |
| | | | | grey color on surface, gabbroic texture present in this | 1244382 | 175.00 | 176.00 | 1.00 | 5 | | | | |
| | | | | interval but masked to some extent sporadically through | 1244383 | 176.00 | 177.00 | 1.00 | 5 | | | | |
| | | | | this interval. Very competent looking interval with a number | 1244384 | 177.00 | 178.00 | 1.00 | 5 | | | | |
| | | | | of slips at 30 deg to CA in general, all of these slips appear | 1244385 | 178.00 | 179.00 | 1.00 | 19 | | | | |
| | | | | relatively minor. A number of fractures as well but these | 1244386 | 179.00 | 180.00 | 1.00 | 5 | | | | |
| | | | | are generally at 45 deg and 70 deg to CA in general. | 1244387 | 180.00 | 181.00 | 1.00 | 5 | | | | |
| | | | | Plagioclase content within this particular interval appears | 1244388 | 181.00 | 182.20 | 1.20 | 5 | | | | |
| | | | | less, perhaps 20-25%, unit dominated by ferro mag | 1244389 | 182.20 | 182.50 | 0.30 | 5 | | | | |
| | | | | minerals (mainly amphiboles). Unit is again of moderate | 1244390 | 182.50 | 183.00 | 0.50 | 5 | | | | |
| | | | | hardness and can be scratched with a knife with effort. | 1244391 | 183.00 | 184.00 | 1.00 | 5 | | | | |
| | | | | Unit is moderately magnetic and no HCL reaction in gabbro. | 1244392 | 184.00 | 185.00 | 1.00 | 8 | | | | |
| | | | | Occassional stringer or veinlet of quartz and/or quartz | 1244393 | 185.00 | 186.00 | 1.00 | 5 | | | | |
| | | | | carbonate. A small vein at 178.24-178.27 with pyrite at 45 | 1244394 | 186.00 | 187.00 | 1.00 | 52 | | | | |
| | | | | deg to CA. Small series of stringers at varying angles to CA | 1244395 | 187.00 | 188.00 | 1.00 | 33 | | | | |
| | | | | at 185-185.25. Unit contains very minor pyrite, estimated | 1244396 | 188.00 | 189.00 | 1.00 | 5 | | | | |
| | | | | content 1/2%. Some blebs of magnetite also present in unit. | 1244397 | 189.00 | 190.00 | 1.00 | 5 | | | | |
| | | | | | 1244398 | 190.00 | 191.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 190.82 to 202.16 | 1244399 | 191.00 | 192.00 | 1.00 | 5 | | | | |
| | | | | Still a gabbroic unit with mineralogical make up as per | 1244400 | Blank | | | 5 | | | | |
| | | | | origninal description in this hole. This particular interval is | 1244401 | 192.00 | 193.00 | 1.00 | 5 | | | | |
| | | | | medium to coarser grained and greyish green in color. | 1244402 | stdGSP7E | batch 39 | | 837 | | | | |
| | | | | Plagioclase content of this unit estimated at 20%, unit | 1244403 | 193.00 | 194.00 | 1.00 | 5 | | | | |
| | | | | dominated by ferro-mag minerals, mainly amphiboles. Unit | 1244404 | 194.00 | 195.00 | 1.00 | 5 | | | | |
| | | | | has fairly good gabbroic texture but locally masked to some | 1244405 | 195.00 | 196.00 | 1.00 | 5 | | | | |
| | | | | extent. No significant veining of quartz or quartz carb. | 1244406 | 196.00 | 197.00 | 1.00 | 49 | | | | |
| | | | | Some minor epidote stringers. Some patchy epidote | 1244407 | 197.00 | 198.00 | 1.00 | 5 | | | | |
| | | | | alteration locally. Unit is fairly competent with a few minor | 1244408 | 198.00 | 199.00 | 1.00 | 5 | | | | |
| | | | | slips and fractures 30 deg to CA and 45 deg to CA | 1244409 | 199.00 | 200.00 | 1.00 | 5 | | | | |
| | | | | respectfully. Locally magnetic and there are a number of | 1244410 | 200.00 | 201.00 | 1.00 | 6 | | | | |
| | | | | blebs of magnetite, mostly non magnetic. Unit of moderate | 1244411 | 201.00 | 202.16 | 1.16 | 6 | | | | |
| | | | | hardness and can be scratched with knife with effort. | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No HCL reaction to gabbro. Minor pyrite in this interval, | | | | | | | | | |
| | | | | estimate 1/2%. Sharp lower contact at 70 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 202.16 | 207.56 | Mafic Dyke | 6U | Medium to fine grained grey mafic dyke comprised of mainly | 1244412 | 202.16 | 203.00 | 0.84 | 11 | | | | |
| | | | | mafic minerals and some K-spar. A few fragments noted | 1244413 | 203.00 | 204.00 | 1.00 | 10 | | | | |
| | | | | some of the greenish colored fragments react to HCL and | 1244414 | 204.00 | 204.05 | 1.05 | 19 | | | | |
| | | | | dyke itself also reacts to HCL. Dyke is non magnetic. | 1244415 | 204.05 | 206.00 | 0.95 | 218 | | | | |
| | | | | Very competent interval, a few slips at 20 deg to CA and | 1244416 | 206.00 | 207.00 | 1.00 | 45 | | | | |
| | | | | fractures again at 45 and 70 deg to CA. in general. Some | 1244417 | 207.00 | 207.56 | 0.56 | 7 | | | | |
| | | | | rafts of gabbroic material in dyke, the biggest raft from 204 | 1244418 | 207.56 | 208.00 | 0.44 | 16 | | | | |
| | | | | to 205.04. A number of small hairline quartz carbonate | | | | | | | | | |
| | | | | stringers throughout dyke at 30 and 45 deg to CA. Pyrite | | | | | | | | | |
| | | | | content fairly minimal <1/2%. Sharp lower contact at 60 | | | | | | | | | |
| | | | | deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 207.56 | 260.00 | Gabbro | 6G | Description from 207.56 to 225.72 | | | | | | | | | |
| | | | | Again a gabbro as per initial description in this hole with | 1244419 | 208.00 | 209.00 | 1.00 | 7 | | | | |
| | | | | respect to mineralogical make up. This unit is grey/green in | 1244420 | 209.00 | 210.00 | 1.00 | 5 | | | | |
| | | | | color and medium grained. Plagioclase content estimated | 1244421 | 210.00 | 211.00 | 1.00 | 20 | | | | |
| | | | | at about 30% over all. Good gabbroic texture exhibited | 1244422 | 211.00 | 212.00 | 1.00 | 8 | | | | |
| | | | | throughout unit. Again a very competent unit with a few | 1244423 | 212.00 | 213.00 | 1.00 | 34 | | | | |
| | | | | minor fractures and slips. Fractures generally 45 and 70 | 1244424 | 213.00 | 214.00 | 1.00 | 13 | | | | |
| | | | | deg to CA and minor slips generally at 20-30 deg to CA. No | 1244425 | 214.00 | 215.00 | 1.00 | 44 | | | | |
| | | | | significant quartz or quartz carbonate stringers or veins | 1244426 | 215.00 | 216.00 | 1.00 | 118 | | | | |
| | | | | noted. A few epidote stringers present and some patchy | 1244427 | 216.00 | 217.00 | 1.00 | 36 | | | | |
| | | | | epidote alteration over 10's of cm. A few tiny granitic dykes | 1244428 | 217.00 | 218.00 | 1.00 | 5 | | | | |
| | | | | a cm or two wide such as at 123m. Variable response to | 1244429 | 218.00 | 219.00 | 1.00 | 24 | | | | |
| | | | | magnet in this interval and some patchy magnetite blebs | 1244430 | 219.00 | 220.00 | 1.00 | 31 | | | | |
| | | | | noted in interval. No HCL reaction in gabbro. Unit is of | 1244431 | 220.00 | 221.00 | 1.00 | 53 | | | | |
| | | | | moderate hardness and can be scratched with a knife with | 1244432 | 221.00 | 222.00 | 1.00 | 26 | | | | |
| | | | | some effort. Pyrite content estimated at 1/2% maximum. | 1244433 | 222.00 | 223.00 | 1.00 | 23 | | | | |
| | | | | | 1244434 | 223.00 | 224.00 | 1.00 | 11 | | | | |
| | | | | Description from 225.72-242.96 | 1244435 | 224.00 | 225.00 | 1.00 | 27 | | | | |
| | | | | Gabbro with mineralogical make up as per initial description | 1244436 | Blank | | | 5 | | | | |
| | | | | in this hole. Unit is greyish green in color and medium | 1244437 | 225.00 | 226.00 | 1.00 | 47 | | | | |
| | | | | grained. Gabbroic texture is masked in this interval. | 1244438 | stdGSP7E | BATCH 40 | missing | no samp | | | | |
| | | | | Plagioclase component in this particular section is about | 1244439 | 226.00 | 227.00 | 1.00 | 28 | | | | |
| | | | | 20-25% and dominated by ferro mag minerals, mainly | 1244440 | 227.00 | 228.00 | 1.00 | 6 | | | | |
| | | | | amphiboles. Pretty competent unit with a few fractures | 1244441 | 228.00 | 229.00 | 1.00 | 39 | | | | |
| | | | | at 45 and 70 deg to CA and a few minor slips at 30 deg | 1244442 | 229.00 | 230.00 | 1.00 | 7 | | | | |
| | | | | to CA. Numerous magnetic blebs from 226-231, and 240 | 1244443 | 230.00 | 230.50 | 0.50 | 5 | | | | |
| | | | | to 243 m. and thus these areas are magnetitic, outside of | 1244444 | 230.50 | 231.00 | 0.50 | 23 | | | | |
| | | | | these areas with magnetite sporadic magnetic response | 1244445 | 231.00 | 231.50 | 0.50 | 49 | | | | |
| | | | | but mostly non magnetic. Moderate hardness, unit can be | 1244446 | 231.50 | 232.00 | 0.50 | 91 | | | | |
| | | | | scratched with knife. Gabbro does not react to HCL but in | 1244447 | 232.00 | 232.30 | 0.30 | 20 | | | | |
| | | | | area where quartz carb stringers cutting gabbro there is | 1244448 | 232.30 | 233.00 | 0.70 | 121 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | a reaction in gabbro proximal to stringers. Fair amount of | | | | | | | | | |
| | | | | quartz and quartz carbonate stringers and veinlets from | 1244449 | 233.00 | 233.50 | 0.50 | 12 | | | | |
| | | | | 235-242 m. Quartz and quartz carb stringers at 30 deg to | 1244450 | 233.50 | 234.00 | 0.50 | 14 | | | | |
| | | | | CA and 60 deg to CA. Quartz vein noted from 237-237.15 | 1244451 | 234.00 | 234.35 | 0.35 | 42 | | | | |
| | | | | at 45 deg to CA. Small vein with sulphides at 90 deg to CA, | 1244452 | 234.35 | 234.65 | 0.30 | 12 | | | | |
| | | | | from 236.67-236.72. Small granitic dykes and clots in area | 1244453 | 234.65 | 235.00 | 0.35 | 12 | | | | |
| | | | | from about 235-242. Leucoxene proximal to some of veins | 1244454 | 235.00 | 235.50 | 0.50 | 63 | | | | |
| | | | | and stringers such as at 241-242. In this same interval | 1244455 | 235.50 | 236.00 | 0.50 | 22 | | | | |
| | | | | fairly substantial sulphide in stringers & disseminated form | 1244456 | 236.00 | 236.50 | 0.50 | 58 | | | | |
| | | | | estimated pyrite content 3%, outside of this interval 1/2%. | 1244457 | 236.50 | 237.00 | 0.50 | 110 | | | | |
| | | | | At 232.18 and 234.52 possible VG with very similar look to | 1244458 | 237.00 | 237.50 | 0.50 | 41 | | | | |
| | | | | that found above between 182.20-182.50. | 1244459 | 237.50 | 238.00 | 0.50 | 38 | | | | |
| | | | | | 1244460 | 238.00 | 238.50 | 0.50 | 5 | | | | |
| | | | | Description from 242.96-260.00 | 1244461 | 238.50 | 239.00 | 0.50 | 11 | | | | |
| | | | | Gabbro with mineralogical make up as per initial description | 1244462 | 239.00 | 239.50 | 0.50 | 5 | | | | |
| | | | | in this hole. Gabbro has a greyish green color. Unit is fine | 1244463 | 239.50 | 240.00 | 0.50 | 5 | | | | |
| | | | | to medium grained with poorly developed and or masked | 1244464 | 240.00 | 240.50 | 0.50 | 1400 | | | | |
| | | | | gabbroic texture t about 253. Beyond 253 m. to end of hole | 1244465 | 240.50 | 241.00 | 0.50 | 595 | | | | 0.66 |
| | | | | unit is more medium to coarse grained with well developed | 1244466 | 241.00 | 241.50 | 0.50 | 19 | | | | |
| | | | | gabbroic texture. Plagioclase make up of unit 20% or so | 1244467 | 241.50 | 242.00 | 0.50 | 5 | | | | |
| | | | | from 242.96 to 253 but beyond 253 to end of hole more like | 1244468 | 242.00 | 243.00 | 1.00 | 29 | | | | |
| | | | | 30-35% of unit. Fault zone noted from 243.85-244.65, | 1244469 | 243.00 | 244.00 | 1.00 | 137 | | | | |
| | | | | blocky broken section of core, upper and lower contacts of | 1244470 | 244.00 | 245.00 | 1.00 | 47 | | | | |
| | | | | fault at 30 and 45 deg to CA respectively. Core is broken | 1244471 | 245.00 | 246.00 | 1.00 | 36 | | | | |
| | | | | up with a number of slips and fractures for about a meter | 1244472 | Blank | | | 5 | | | | |
| | | | | on each side of fault. Outside of fault area still a number of | 1244473 | 246.00 | 247.00 | 1.00 | 121 | | | | |
| | | | | minor slips and fractures but relatively competent interval. | 1244474 | stdGSP7E | BATCH 41 | | 812 | | | | |
| | | | | Slips generally at 20 deg to CA and fractures 45 deg to CA. | 1244475 | 247.00 | 248.00 | 1.00 | 11 | | | | |
| | | | | Some wispy quartz carbonate stringers noted from 242.96 | 1244476 | 248.00 | 249.00 | 1.00 | 7 | | | | |
| | | | | to 245.5 but outside of this very minimal stringer or veining. | 1244477 | 249.00 | 250.00 | 1.00 | 217 | | | | |
| | | | | Small quartz carb vein at 235.31-235.34 at 45 deg to CA. | 1244478 | 250.00 | 251.00 | 1.00 | 25 | | | | |
| | | | | Also small quartz stringer with pyrite at 30 deg at 249.82. | 1244479 | 251.00 | 252.00 | 1.00 | 5 | | | | |
| | | | | Unit is magnetic and fair number of magnetite bleb and fine | 1244480 | 252.00 | 253.00 | 1.00 | 108 | | | | |
| | | | | magnetite throughout it. Unit is of moderate hardness and | 1244481 | 253.00 | 254.00 | 1.00 | 9 | | | | |
| | | | | can be scratched with knife with effort. No reaction to HCL | 1244482 | 254.00 | 255.00 | 1.00 | 19 | | | | |
| | | | | in gabbro, exception to this is certain sections from 242.96 | 1244483 | 255.00 | 256.00 | 1.00 | 88 | | | | |
| | | | | to 245.5 where there is some quartz carb stringers, and | 1244484 | 256.00 | 257.00 | 1.00 | 5 | | | | |
| | | | | proximal to stringers some reaction in gabbro. Some epidote | 1244485 | 257.00 | 258.00 | 1.00 | 5 | | | | |
| | | | | stringers locally and some local patchy epidote alteration | 1244486 | 258.00 | 259.00 | 1.00 | 10 | | | | |
| | | | | over 10`s of cm. From 246-250 some granitic clots and | 1244487 | 259.00 | 260.00 | 1.00 | 5 | | | | |
| | | | | dykes noted. Pyrite content in this last interval estimate | | | | | | | | | |
| | | | | less than 1%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | EOH 260 m. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | Down Hole Tests | | | | | | | | | |
| | | | | Depth: 006 m. Az:132.7 Dip:-45.3 | | | | | | | | | |
| | | | | Depth: 130 m. Az:142.4 Dip:-42.6 | | | | | | | | | |
| | | | | Depth: 260 m. Az:151.6 Dip:-38.8 | | | | | | | | | |
| | | | | (Questionable az due to high magnetite content in hole) | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Core stored at SGX facilties in Timmins Ontario | | | | | | | | | |

# SGX RESOURCES

**Prospect: IP Anomaly Test W of Shaft** | **Grid Location: L2W ST75N** | **Drill Company:**
**DDH: JS1303** | **Azimuth/Dip: 135/-45** | **UTM:560109E 5336088N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L512579** | **EOH:227m.** | **Date Started: 2/12/2013 Date Finished: 2/21/2012** | K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 105.70 | Gabbro | 6G | Description from 0 to17 m | 1243411 | 0.00 | 1.00 | 1.00 | 11 | | | | |
| | | | | Hole collared into bedrock. Grey green colored unit, medium | 1243412 | 1.00 | 2.00 | 1.00 | 13 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1243413 | 2.00 | 3.00 | 1.00 | < 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1243414 | 3.00 | 4.00 | 1.00 | < 5 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1243415 | 4.00 | 5.00 | 1.00 | < 5 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1243416 | 5.00 | 6.00 | 1.00 | < 5 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1243417 | 6.00 | 7.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1243418 | 7.00 | 8.00 | 1.00 | < 5 | | | | |
| | | | | accessory quartz noted rarely. This particular interval | 1243419 | 8.00 | 9.00 | 1.00 | < 5 | | | | |
| | | | | exhibits good gabbroic texture throughout and some | 1243420 | 9.00 | 10.00 | 1.00 | < 5 | | | | |
| | | | | slightly more medium to coarser grained sections towards | 1243421 | 10.00 | 11.00 | 1.00 | 77 | | | | |
| | | | | end of interval beyond 14 meters. Plagioclase component in | 1243422 | 11.00 | 12.00 | 1.00 | < 5 | | | | |
| | | | | this interval perhaps 20-25% and thus slighly more greenish | 1243423 | 12.00 | 13.00 | 1.00 | < 5 | | | | |
| | | | | unit because of more mafic minerals. Where unit becomes | 1243424 | 13.00 | 14.00 | 1.00 | < 5 | | | | |
| | | | | slightly more medium to coarser grained at 14 m slightly | 1243425 | 14.00 | 15.00 | 1.00 | 5 | | | | |
| | | | | more plagioclase 30-35%. Unit is strongly magnetic for | 1243426 | 15.00 | 16.00 | 1.00 | < 5 | | | | |
| | | | | the most part, some minor intervals that are non magnetic. | 1243427 | 16.00 | 17.00 | 1.00 | 7 | | | | |
| | | | | Unit is of moderate hardness and can be scratched with | 1243428 | 17.00 | 17.30 | 0.30 | < 5 | | | | |
| | | | | with some effort, gabbro has no HCL reaction. One quartz | 1243429 | 17.30 | 18.00 | 0.70 | 9 | | | | |
| | | | | vein noted at 12.73 -12.88 m, upper contact 45 deg to CA | 1243430 | 18.00 | 18.80 | 0.80 | < 5 | | | | |
| | | | | and lower contact 20 deg to CA. Outside of this on vein, no | 1243431 | 18.80 | 19.00 | 0.20 | < 5 | | | | |
| | | | | significant quartz veins or stringers. Reasonably competent | 1243432 | Blank | | | < 5 | | | | |
| | | | | unit, two small broken blocky sections from 10-11m., & | 1243433 | 19.00 | 20.00 | 1.00 | < 5 | | | | |
| | | | | 15-17 meter where there are a series of slips in both cases | 1243434 | stdGSP7E | batch 26 | | 823 | | | | |
| | | | | oriented at about 10-20 deg to CA. Also a number of | 1243435 | 20.00 | 21.00 | 1.00 | < 5 | | 5 | | |
| | | | | fractures in unit generally oriented at 45 deg to CA. | 1243436 | 21.00 | 22.00 | 1.00 | < 5 | | 5 | | |
| | | | | Very minor pyrite in this section, estimate 1/2% max. | 1243437 | 22.00 | 23.00 | 1.00 | < 5 | | 5 | | |
| | | | | Note, this section of unit contains distinct black magnetite | 1243438 | 23.00 | 24.00 | 1.00 | < 5 | | 5 | | |
| | | | | blebs pretty much througout unit. | 1243439 | 24.00 | 25.00 | 1.00 | < 5 | | 5 | | |
| | | | | | 1243440 | 25.00 | 26.00 | 1.00 | 58 | | 73 | | |
| | | | | Description at 17-34 m. | 1243441 | 26.00 | 27.00 | 1.00 | 17 | | 15 | | |
| | | | | Mineralogical description for this hole is as per inititial | 1243442 | 27.00 | 28.00 | 1.00 | < 5 | | 5 | | |
| | | | | description above. This particular unit is coarse grained | 1243443 | 28.00 | 29.00 | 1.00 | < 5 | | 5 | | |
| | | | | and exhibits a good gabbroic texture. Plagioclase feldspar | 1243444 | 29.00 | 30.00 | 1.00 | < 5 | | 5 | | |
| | | | | domprises about 25-30% of this unit and dominance of | 1243445 | 30.00 | 31.00 | 1.00 | 8 | | 6 | | |
| | | | | ferro magnesium minerals gives it a more greenish color. | 1243446 | 31.00 | 32.00 | 1.00 | < 5 | | 5 | | |
| | | | | Unit is strongly magntic and distinct blebs of magnetite | 1243447 | 32.00 | 33.00 | 1.00 | < 5 | | 5 | | |
| | | | | evident throughout this interval. Again unit is of moderate | 1243448 | 33.00 | 34.00 | 1.00 | < 5 | | 5 | | |
| | | | | hardness and can be scratched with knife with some effort | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | Gabbro unit has no HCL reaction. Competent unit with a few | | | | | | | | | |
| | | | | minor slips at about 20 deg to CA in general. Also some | | | | | | | | | |
| | | | | minor fractures at 45 and 70 deg to CA. Some very minor | | | | | | | | | |
| | | | | epidote stringers noted in this unit. Also some minor quartz | | | | | | | | | |
| | | | | veinlets and small veins, the bulk of this veining occurs in | | | | | | | | | |
| | | | | a strongly bleached section of gabbro from 17.3-18.8. | | | | | | | | | |
| | | | | Veins range from less than a cm to a max of 10 cm in | | | | | | | | | |
| | | | | bleached interval (note gabbroic texture destroyed here). | | | | | | | | | |
| | | | | Veins and veinlets oriented at about 60 deg to core axis | | | | | | | | | |
| | | | | in this interval. Outside of this interval very little in the way | | | | | | | | | |
| | | | | of quartz veining. Small granitic dykes less than 2cm or so | | | | | | | | | |
| | | | | noted at 26.2, 26.47, and 28.03 generally about 45 deg to | | | | | | | | | |
| | | | | CA. At 26.2 substantial pyrite within dyke. Also small | | | | | | | | | |
| | | | | granitic dyke at 30.4 at 85 deg to CA. Some pyrite in unit | | | | | | | | | |
| | | | | generally disseminated pyrite. Estimate about 1.5% perhaps | | | | | | | | | |
| | | | | up to 2% in bleached section with veining at 17.3-18.8. | | | | | | | | | |
| | | | | Note, in bleached section, some leucoxene noted in assoc. | | | | | | | | | |
| | | | | with quartz vein salvages. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 34 - 50.44 | | | | | | | | | |
| | | | | Again a gabbro unit with similar mineralogical make up to | 1243449 | 34.00 | 35.00 | 1.00 | 8 | | 5 | | |
| | | | | initial description. This particular interval is coarse grained | 1243450 | 35.00 | 36.00 | 1.00 | 16 | | 16 | | |
| | | | | and more greenish in color due to dominance of ferro mag | 1243451 | 36.00 | 37.00 | 1.00 | 703 | | 650 | | |
| | | | | minerals over plagioclase. Plagioclase component of unit is | 1243452 | 37.00 | 38.00 | 1.00 | 18 | | 15 | | |
| | | | | about 25%. The unit exhibits good gabbroic texture. Unit is | 1243453 | 38.00 | 39.00 | 1.00 | < 5 | | 5 | | |
| | | | | strongly magnetic and there are numerous blebs of | 1243454 | 39.00 | 40.00 | 1.00 | 9 | | 7 | | |
| | | | | magnetite in unit. The unit is of moderate hardness and can | 1243455 | 40.00 | 41.00 | 1.00 | < 5 | | 5 | | |
| | | | | be scratched with a knife with effort. Gabbro has no HCL | 1243456 | 41.00 | 42.00 | 1.00 | 32 | | 24 | | |
| | | | | reaction. Blocky and broken up from about 45.6 to 49.25, | 1243457 | 42.00 | 43.00 | 1.00 | < 5 | | 5 | | |
| | | | | numerous slips at 20 deg to CA and some sections of | 1243458 | 43.00 | 44.00 | 1.00 | 5 | | 6 | | |
| | | | | rubble from 47.4 to 47.7; blocky broken zone described | 1243459 | 44.00 | 45.00 | 1.00 | 252 | | 255 | | |
| | | | | thought be fault zone. Fault zone upper contact assoc. with | 1243460 | 45.00 | 46.00 | 1.00 | 37 | | 45 | | |
| | | | | slip at about 10 deg to CA and lower contact assoc. with | 1243461 | 46.00 | 47.00 | 1.00 | 70 | | 59 | | |
| | | | | quartz vein at 40 deg to CA. Outside of this fault zone core | 1243462 | 47.00 | 48.00 | 1.00 | > 3000 | 5.49 | 3000 | 5.5 | |
| | | | | is fairly competent with a few minor slips noted 25 deg to | 1243463 | 48.00 | 49.00 | 1.00 | 13 | | 8 | | |
| | | | | CA in general and a few fractures at 45 deg to CA. Two | 1243464 | 49.00 | 50.00 | 1.00 | 8 | | 5 | | |
| | | | | small granitic dykes at 37.35, and 38.50 oriented at 30 deg | 1243465 | 50.00 | 51.00 | 1.00 | 12 | | 12 | | |
| | | | | and 45 deg to CA. respectively. Some minor quartz | | | | | | | | | |
| | | | | stringers cross-cutting the narrow granitic dykes (<2cm). | | | | | | | | | |
| | | | | Aside from minor quartz stringers assoc. with granite | | | | | | | | | |
| | | | | dykes little or no quartz with the exception of small vein | | | | | | | | | |
| | | | | at 49.25-49.38; contacts at 45 deg to CA. A few minor | | | | | | | | | |
| | | | | epidote stringers. Pyrite content 1-1.5% overall with some | | | | | | | | | |
| | | | | pyrite rich veins over a couple of cm at 44.8 -44.83, 47.4 to | | | | | | | | | |
| | | | | 47.44. | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Description at 50.44 - 63.24 | 1243466 | 51.00 | 52.00 | 1.00 | 8 | | 5 | | |
| | | | | Gabbro unit with mineralogical make up similar to that | 1243467 | 52.00 | 53.00 | 1.00 | < 5 | | 5 | | |
| | | | | described in initial segment of this hole. The unit is coarse | 1243468 | Blank | | | < 5 | | 5 | | |
| | | | | grained and greenish in color dominated by amphibole | 1243469 | 53.00 | 54.00 | 1.00 | < 5 | | 5 | | |
| | | | | component of unit. Plagioclase feldspar estimated at 30%. | 1243470 | stdGS1J | batch 27 | | 1140 | | 993 | | |
| | | | | Good gabbroic texture noted throughout interval. Unit is | 1243471 | 54.00 | 55.00 | 1.00 | < 5 | | | | |
| | | | | strongly magnetic and numberous blebs of magnetite | 1243472 | 55.00 | 55.65 | 0.65 | < 5 | | | | |
| | | | | throughout unit. Moderately hard unit that can be scratched | 1243473 | 55.65 | 56.00 | 0.35 | < 5 | | | | |
| | | | | with knife with some effort. No HCL reaction in gabbro. | 1243474 | 56.00 | 57.00 | 1.00 | 16 | | | | |
| | | | | Minor fault from 55.65 to 56; upper contact ground,, lower | 1243475 | 57.00 | 58.00 | 1.00 | < 5 | | | | |
| | | | | contact with minor gouge and 80 deg to CA. Within rubble | 1243476 | 58.00 | 59.00 | 1.00 | 229 | | | | |
| | | | | in fault minor 10 cm zone bleached with a series of quartz | 1243477 | 59.00 | 60.00 | 1.00 | 10 | | | | |
| | | | | stringers at 65 deg to CA. Outside of quartz stringers | 1243478 | 60.00 | 61.00 | 1.00 | 41 | | | | |
| | | | | noted here no significant quartz in this interval. Further, | 1243479 | 61.00 | 62.00 | 1.00 | < 5 | | | | |
| | | | | outside of the fault zone, competent unit but a number of | 1243480 | 62.00 | 63.00 | 1.00 | < 5 | | | | |
| | | | | slips at about 20 deg to CA and some fractures generally at | | | | | | | | | |
| | | | | 45 deg to CA. Py content minor in disseminated form <1% | | | | | | | | | |
| | | | | Occassional stringer or veinlet of epidote note generally in | | | | | | | | | |
| | | | | assoc. with slip or fracture. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 63.24 to 76.20 | 1243481 | 63.00 | 64.00 | 1.00 | < 5 | | | | |
| | | | | Gabbro unit again with mineralogical description as per | 1243482 | 64.00 | 65.00 | 1.00 | 9 | | | | |
| | | | | description in initial interval of this hole. This interval is | 1243483 | 65.00 | 66.00 | 1.00 | < 5 | | | | |
| | | | | coarse grained and greenish grey in color of fresh surface | 1243484 | 66.00 | 67.00 | 1.00 | < 5 | | | | |
| | | | | Plagioclase feldspar component of unit estimated at about | 1243485 | 67.00 | 68.00 | 1.00 | 5 | | | | |
| | | | | 30%. Good gabbroic texture noted throughout unit. Interval | 1243486 | 68.00 | 69.00 | 1.00 | 5 | | | | |
| | | | | is strongly magnetic throughout as there are numerous | 1243487 | 69.00 | 70.00 | 1.00 | < 5 | | | | |
| | | | | blebs of magnetite throughout it. Moderately hard unit that | 1243488 | 70.00 | 71.00 | 1.00 | < 5 | | | | |
| | | | | can be scratched with a knife with some effort. Gabbro | 1243489 | 71.00 | 72.00 | 1.00 | 6 | | | | |
| | | | | unit itself does not react to HCL. Fairly competent unit with | 1243490 | 72.00 | 73.00 | 1.00 | 23 | | | | |
| | | | | a few fractures generally at 45 and 60 deg to CA. and | 1243491 | 73.00 | 74.00 | 1.00 | 15 | | | | |
| | | | | occassional slip at about 10-15 deg to CA. Bulk of fractures | 1243492 | 74.00 | 75.00 | 1.00 | 13 | | | | |
| | | | | and slips from 72-76 m. Few minor quartz calcite stringers | 1243493 | 75.00 | 76.00 | 1.00 | 5 | | | | |
| | | | | and veinlets (<2cm), generally at 45 and 15 deg to CA & | | | | | | | | | |
| | | | | these are most prominent from 72-76. Some patchy epidote | | | | | | | | | |
| | | | | alteration noted locally. Estimate of 1/2% disseminated | | | | | | | | | |
| | | | | pyrite. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 76.20-92.80 | 1243494 | 76.00 | 77.00 | 1.00 | 6 | | | | |
| | | | | Continuation of gabbroic unit from above. Again minerology | 1243495 | 77.00 | 78.00 | 1.00 | < 5 | | | | |
| | | | | is as per inititial description of gabbro unit in this hole. | 1243496 | 78.00 | 79.00 | 1.00 | < 5 | | | | |
| | | | | Typical gabbroic texture again observed. Unit is greyish | 1243497 | 79.00 | 80.00 | 1.00 | < 5 | | | | |
| | | | | green unit with plagioclase component again at about 30%. | 1243498 | 80.00 | 81.00 | 1.00 | < 5 | | | | |
| | | | | Unit is strongly mangetic, still numerous blebs of magnetite. | 1243499 | 81.00 | 82.00 | 1.00 | < 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Unit again of moderate hardness and can be scratched with | 1243500 | 82.00 | 83.00 | 1.00 | < 5 | | | | |
| | | | | a knife with some effort. Gabbro unit does not react with | 1244001 | 83.00 | 84.00 | 1.00 | < 5 | | | | |
| | | | | HCL. Blocky broken fault zone from 86-86.20 m., upper | 1244002 | 84.00 | 85.00 | 1.00 | < 5 | | | | |
| | | | | contact 30 deg to CA., lower contact at 20 deg to CA. Core | 1244003 | 85.00 | 86.00 | 1.00 | 10 | | | | |
| | | | | is blocky and broken from 84-89 meters. Within this blocky | 1244004 | Blank | | | < 5 | | | | |
| | | | | section gabbroic texture is masked and magnetic response | 1244005 | 86.00 | 87.00 | 1.00 | 10 | | | | |
| | | | | is variable ranging from strong to non-existant. Quartz | 1244006 | stdGSP7E | Batch 28 | | 720 | | | | |
| | | | | carbonate veins from 87.20 -87.50, veins at 70 deg to CA. | 1244007 | 87.00 | 88.00 | 1.00 | 7 | | | | |
| | | | | (2-5cm across). Below 89 m to end of interval increase in | 1244008 | 88.00 | 89.00 | 1.00 | 7 | | | | |
| | | | | in small micro quartz carbonate stringers and a larger quartz | 1244009 | 89.00 | 90.00 | 1.00 | 5 | | | | |
| | | | | carbonate vein sub-parallel to CA from 92-92.8m. Minor | 1244010 | 90.00 | 91.00 | 1.00 | 10 | | | | |
| | | | | pyrite in this section estimate 1/2%, occassional rare bleb | 1244011 | 91.00 | 92.00 | 1.00 | 6 | | | | |
| | | | | of chalcopyrite note in quartz carb stringers. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 92.80-105.70 | 1244012 | 92.00 | 93.00 | 1.00 | < 5 | | | | |
| | | | | Gabbroic unit as above, minerology as initially described in | 1244013 | 93.00 | 94.00 | 1.00 | < 5 | | | | |
| | | | | in this hole. Unit is coarse grained and greyish green in | 1244014 | 94.00 | 95.00 | 1.00 | 18 | | | | |
| | | | | color, plagioclase component of this interval ranges from | 1244015 | 95.00 | 96.00 | 1.00 | 17 | | | | |
| | | | | about 20-25%, dominated by ferro mag minerals mainly | 1244016 | 96.00 | 97.00 | 1.00 | < 5 | | | | |
| | | | | amphiboles. Unit is basically now non magnetic with the | 1244017 | 97.00 | 98.00 | 1.00 | < 5 | | | | |
| | | | | exception of a few minor 10-15 cm intervals with a few | 1244018 | 98.00 | 99.00 | 1.00 | < 5 | | | | |
| | | | | blebs of magnetite. Unlike units above magnetite content | 1244019 | 99.00 | 100.00 | 1.00 | 6 | | | | |
| | | | | drastically decreased. Unit is of moderate hardness, can | 1244020 | 100.00 | 101.00 | 1.00 | < 5 | | | | |
| | | | | be scratched with a little effort, easier to scratch than | 1244021 | 101.00 | 102.00 | 1.00 | < 5 | | | | |
| | | | | gabbroic sections above as amphibole component greater. | 1244022 | 102.00 | 103.20 | 1.20 | 12 | | | | |
| | | | | This entire interval a little more blocky than other sections | 1244023 | 103.20 | 104.00 | 0.80 | < 5 | | | | |
| | | | | above as there are quite a number of fractures at 45 and 60 | 1244024 | 104.00 | 104.50 | 0.50 | 7 | | | | |
| | | | | deg to CA and some minor slips at about 20 deg to CA. | 1244025 | 104.50 | 105.00 | 0.50 | 10 | | | | |
| | | | | Still a fair number of quartz calcite stringers at 45 and 60 | 1244026 | 105.00 | 105.70 | 0.70 | 13 | | | | |
| | | | | deg to CA. These make up perhaps 2% of unit. These | 1244027 | 105.70 | 106.00 | 0.30 | < 5 | | | | |
| | | | | obviously react to HCL while gabbro unit itself does not. At | 1244028 | 106.00 | 106.50 | 0.50 | 10 | | | | |
| | | | | 103.2 oxidixzed slip at 15 deg to CA. Below slip to lower | | | | | | | | | |
| | | | | contact gabbroic unit contains numerous "milled" quartz | | | | | | | | | |
| | | | | fragments distinctly similar to quartz vein below. Also some | | | | | | | | | |
| | | | | veinlets of quartz similar in composition to vein below at | | | | | | | | | |
| | | | | 10 deg to CA for a few 10's of cm. Quartz content at 103.2 | | | | | | | | | |
| | | | | to 105.7 estimated at 15% of gabbro unit. | | | | | | | | | |
| | | | | Some patchy epidote mineralization from 101.90 to 102.35. | | | | | | | | | |
| | | | | Some minor hematite stringers and leucoxene noted from | | | | | | | | | |
| | | | | 105.2-105.67. Very minimal pyrite in this interval, estimate | | | | | | | | | |
| | | | | about 1/2% overall. Pyrite particularily evident in quartz | | | | | | | | | |
| | | | | below 103.2 to lower contact. Occassional blebs of | | | | | | | | | |
| | | | | chalcopyrite in vein material also but minor. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 105.70 | 109.50 | Quarz Vein | Qv | Erratic upper contact. Brecciated (milled) quartz vein | 1244029 | 106.50 | 107.00 | 0.50 | 8 | | | | 0.07 |
| | | | | ranging in color from white to grey black. Some minor pyrite | 1244030 | 107.00 | 107.50 | 0.50 | < 5 | | | | |
| | | | | and chalcopyrite in vein. Some minor wall rock (gabbro) in | 1244031 | 107.50 | 108.00 | 0.50 | 5 | | | | |
| | | | | vein occassionally with leucoxene. Significant pathchy | 1244032 | 108.00 | 108.50 | 0.50 | < 5 | | | | 0.07 |
| | | | | epidote alteration noted as well. Lower contact with major | 1244033 | 108.50 | 109.00 | 0.50 | < 5 | | | | |
| | | | | fault zone at 10 deg to CA. | 1244034 | 109.00 | 109.50 | 0.50 | 6 | | | | |
| | | | | | 1244035 | 109.50 | 110.00 | 0.50 | 31 | | | | |
| | | | | | | | | | | | | | |
| 109.50 | 111.15 | Fault Zone | FZ | Large gouge zone of muddy ground gabbro with a few | 1244036 | 110.00 | 111.15 | 1.15 | 8 | | | | |
| | | | | fragments of quartz in it. Lower contact at 20 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 111.15 | 213.58 | Gabbro | 6G | Description at 111.15 to 125 | | | | | | | | | |
| | | | | Below fault still a gabbroic unit, that is extremely blocky & | 1244037 | 111.15 | 112.00 | 0.85 | < 5 | | | | |
| | | | | broken up from 111.15 to 118 meters. Within this blocky | 1244038 | 112.00 | 113.00 | 1.00 | 16 | | | | |
| | | | | broken interval there are numerous slips sub parallel to 20 | 1244039 | 113.00 | 114.00 | 1.00 | < 5 | | | | |
| | | | | deg to CA. and numerous fractures oriented generally at | 1244040 | Blank | | | < 5 | | | | |
| | | | | 45 & 60 deg to CA. Also significant ground up rubble noted. | 1244041 | 114.00 | 115.00 | 1.00 | < 5 | | | | |
| | | | | Below blocky brokent zone there are also a few minor slips | 1244042 | stdGSP7E | Batch 29 | | 776 | | | | |
| | | | | and fractures in a similar orientaion but core much more | 1244043 | 115.00 | 116.00 | 1.00 | < 5 | | | | |
| | | | | competent looking. In general this gabbroic unit is of similar | 1244044 | 116.00 | 117.00 | 1.00 | 5 | | | | |
| | | | | mineralogical make up to that described in initials section of | 1244045 | 117.00 | 118.00 | 1.00 | 7 | | | | |
| | | | | this hole. The unit exhibits good gabbroic texture and is | 1244046 | 118.00 | 119.00 | 1.00 | < 5 | | | | |
| | | | | coarse grained. The unit is light greyish to green in color, | 1244047 | 119.00 | 120.00 | 1.00 | < 5 | | | | |
| | | | | this particular section estimated to contain 30% plagioclase. | 1244048 | 120.00 | 121.00 | 1.00 | 7 | | | | |
| | | | | Unit is strongly magnetic throughout and still contains blebs | 1244049 | 121.00 | 122.00 | 1.00 | < 5 | | | | |
| | | | | of magnetite, generally it is of moderate hardness and can | 1244050 | 122.00 | 123.00 | 1.00 | 104 | | | | |
| | | | | be scratched with a knife with some effort. Gabbro unit | 1244051 | 123.00 | 124.00 | 1.00 | < 5 | | | | |
| | | | | itself has no HCL reaction. No significant quartz stringers | 1244052 | 124.00 | 125.00 | 1.00 | 18 | | | | |
| | | | | or veins, a few minor epidote stringers and rare tiny | | | | | | | | | |
| | | | | granitic dyke <1cm noted at 114.15. Some local patchy | | | | | | | | | |
| | | | | epidote alteration such as at 122-123 m. Pyrite content | | | | | | | | | |
| | | | | estimated at about 1/2-1%, pyrite is disseminated. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 125 to 142.10 | 1244053 | 125.00 | 126.00 | 1.00 | < 5 | | | | |
| | | | | This section very similar to gabbroic units described above. | 1244054 | 126.00 | 127.00 | 1.00 | < 5 | | | | |
| | | | | This particular interval has minerology as per inititial | 1244055 | 127.00 | 128.00 | 1.00 | 6 | | | | |
| | | | | description of gabbro at start of hole. The unit is coarse | 1244056 | 128.00 | 129.00 | 1.00 | 132 | | | | |
| | | | | grained and exhibits good gabbroic texture. The unit has | 1244057 | 129.00 | 130.00 | 1.00 | < 5 | | | | |
| | | | | light grey to greenish color and has plagioclase component | 1244058 | 130.00 | 131.00 | 1.00 | < 5 | | | | |
| | | | | of about 30% or so giving gabbro lighter color. Again unit | 1244059 | 131.00 | 132.00 | 1.00 | < 5 | | | | |
| | | | | of moderate hardness and can be scratched with knife | 1244060 | 132.00 | 133.00 | 1.00 | < 5 | | | | |
| | | | | with some effort. No HCL reaction to gabbro and unit is | 1244061 | 133.00 | 134.00 | 1.00 | 33 | | | | |
| | | | | strongly magnetic as there are blebs of magnetite through | 1244062 | 134.00 | 135.00 | 1.00 | < 5 | | | | |
| | | | | it. Very competent interval with a few fractures at 45 & 60 | 1244063 | 135.00 | 136.00 | 1.00 | < 5 | | | | |
| | | | | deg to CA., also some very minor slips generally at 15 | 1244064 | 136.00 | 137.00 | 1.00 | 12 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | deg to CA; very small blocky section associated with slip | 1244065 | 137.00 | 138.00 | 1.00 | < 5 | | | | |
| | | | | from 130.4 - 130.60. No signifiicant quartz stringers or | 1244066 | 138.00 | 139.00 | 1.00 | < 5 | | | | |
| | | | | veins, some very minor epidote stringers generally parallel | 1244067 | 139.00 | 140.00 | 1.00 | < 5 | | | | |
| | | | | to fractures and slips. Some local patchy epidote alteration | 1244068 | 140.00 | 141.00 | 1.00 | < 5 | | | | |
| | | | | and local patchy hematite alteration (weak), some hematite | 1244069 | 141.00 | 142.00 | 1.00 | < 5 | | | | |
| | | | | seen on fracture planes as well when hematite alteration | | | | | | | | | |
| | | | | observed. Estimate of pyrite content 1/2-1%, pyrite | | | | | | | | | |
| | | | | disseminated. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 142.10-159.25 | 1244070 | 142.00 | 143.00 | 1.00 | < 5 | | | | |
| | | | | Still a gabbroic unit as per gabbro intervals above with | 1244071 | 143.00 | 144.00 | 1.00 | 6 | | | | |
| | | | | the same mineralogical make up as per initial description in | 1244072 | 144.00 | 145.00 | 1.00 | 12 | | | | |
| | | | | this hole. The unit is still coarse grained and grevish green | 1244073 | 145.00 | 146.00 | 1.00 | 66 | | | | |
| | | | | in color with good gabbroic texture exhibited. At 150.46 to | 1244074 | 146.00 | 147.00 | 1.00 | < 5 | | | | |
| | | | | 151.75 fault zone/major slip with upper contact and lower | 1244075 | 147.00 | 148.00 | 1.00 | 39 | | | | |
| | | | | contacts at 15 deg to CA. Some epidote veinlets and minor | 1244076 | Blank | | | < 5 | | | | |
| | | | | quartz associated with this fault. Outside of this fault fairly | 1244077 | 148.00 | 149.00 | 1.00 | < 5 | | | | |
| | | | | competent unit with a few fractures at 45 and 70 deg to CA | 1244078 | stdGSP7E | Batch 30 | | 905 | | | | |
| | | | | in general and a few minor slips at at 20-30 deg to CA. | 1244079 | 149.00 | 149.50 | 0.50 | 5 | | | | |
| | | | | Within fault zone some minor local leucoxene noted, and | 1244080 | 149.50 | 150.00 | 0.50 | 5 | | | | |
| | | | | some minor veinlets a couple of cm wide. Gabbroic texture | 1244081 | 150.00 | 150.50 | 0.50 | 164 | | | | |
| | | | | within fault zone masked and unit much more medium-finer | 1244082 | 150.50 | 151.00 | 0.50 | 901 | | | | |
| | | | | grained. Below fault unit is still coarser grained but leaning | 1244083 | 151.00 | 151.50 | 0.50 | 464 | | | | |
| | | | | toward medium and on fresh surface more bleached grey | 1244084 | 151.50 | 152.00 | 0.50 | 1300 | | | | |
| | | | | color. Some localized masking of gabbroic texture. Gabbro | 1244085 | 152.00 | 152.50 | 0.50 | 332 | | | | |
| | | | | has no HCL reaction but within fault zone some reaction to | 1244086 | 152.50 | 153.00 | 0.50 | 3000 | 6.47 | | | |
| | | | | HCL. For the most part this unit is magnetic, some noticable | 1244087 | 153.00 | 154.00 | 1.00 | 2410 | | | | 1.74 |
| | | | | magnetite blebs. Fault zone and sections for a meter or so | 1244088 | 154.00 | 155.00 | 1.00 | 785 | | | | |
| | | | | below fault are not magnetic. Note, in first few meters of | 1244089 | 155.00 | 156.00 | 1.00 | 26 | | | | |
| | | | | this interval above fault some minor patchy hematite | 1244090 | 156.00 | 157.00 | 1.00 | 10 | | | | |
| | | | | alteration. Also a few granitic dykes a few cm wide at | 1244091 | 157.00 | 158.00 | 1.00 | 5 | | | | |
| | | | | 149.65 at 20 deg to CA and a 2nd dyke at 148.75 at 45 deg | 1244092 | 158.00 | 159.00 | 1.00 | 347 | | | | |
| | | | | to CA. | 1244093 | 159.00 | 160.00 | 1.00 | 5 | | | | |
| | | | | | 1244094 | 160.00 | 161.00 | 1.00 | 359 | | | | |
| | | | | Description 159.25-176.42 | 1244095 | 161.00 | 162.00 | 1.00 | 13 | | | | |
| | | | | Gabbroic interval again with minerology as per initial | 1244096 | 162.00 | 162.72 | 0.72 | 171 | | | | |
| | | | | description in this hole. Unit is medium-coarse grained and | 1244097 | 162.72 | 163.08 | 0.36 | 470 | | | | |
| | | | | has a bleached light greyish color on fresh surface. Good | 1244098 | 163.08 | 164.00 | 0.92 | 1240 | | | | |
| | | | | gabbroic texture noted for the most part, certain sections | 1244099 | 164.00 | 165.00 | 1.00 | 92 | | | | |
| | | | | such as at 162.65-163.08, 172.40 to 173.3, and 175.6 to | 1244100 | 165.00 | 166.00 | 1.00 | 36 | | | | |
| | | | | 176.42. Leucoxene is associated with these areas where | 1244101 | 166.00 | 167.00 | 1.00 | 12 | | | | |
| | | | | the gabbroic texture is masked and some stringers of qtz | 1244102 | 167.00 | 168.00 | 1.00 | 6 | | | | |
| | | | | are usually present in these sections as well. | 1244103 | 168.00 | 169.00 | 1.00 | 8 | | | | |
| | | | | This particular interval of gabbro has a competent look to | 1244104 | 169.00 | 170.00 | 1.00 | 115 | | | | |
| | | | | it and there are only a small number of fractures again | 1244105 | 170.00 | 171.00 | 1.00 | 7 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | generally at 45 and 70 deg to CA. Also a series of smaller | 1244106 | 171.00 | 172.00 | 1.00 | 8 | | | | |
| | | | | slips at 30 deg to CA. Quartz stringer and veinlets are fairly | 1244107 | 172.00 | 172.30 | 0.30 | 24 | | | | |
| | | | | rare in this interval, areas with significant quartz stringers | 1244108 | 172.30 | 172.80 | 0.50 | 16 | | | | |
| | | | | and veinlets are at 162.72-163.08 and 172.85-173.30. | 1244109 | 172.80 | 173.30 | 0.50 | 636 | | | | |
| | | | | outside of these areas very few quartz stringers. At 174.11 | 1244110 | 173.30 | 173.96 | 0.66 | 18 | | | | |
| | | | | there is a tiny quartz stringer with two specks of visible | 1244111 | 173.96 | 174.18 | 0.22 | 3000 | 106 | | | |
| | | | | gold. A few minor epidote stingers noted throughout interval | 1244112 | Blank | | | 5 | | | | |
| | | | | as well generaly parallel to fractures and slips. Interval has | 1244113 | 174.18 | 174.50 | 0.32 | 88 | | | | |
| | | | | variable response to magnet, some magnetite blebs present. | 1244114 | stdGS1J | Batch 31 | | 1010 | | | | |
| | | | | Certain sections such as areas with leucoxene and | 1244115 | 174.50 | 175.00 | 0.50 | 417 | | | | |
| | | | | generally short intervals proximal to leucoxene bearing | 1244116 | 175.00 | 176.00 | 1.00 | 255 | | | | |
| | | | | areas are non magnetic. Unit is moderately hard and can be | 1244117 | 176.00 | 177.00 | 1.00 | 444 | | | | |
| | | | | scratched with a knife with some effort. No HCL reaction | 1244118 | 177.00 | 178.00 | 1.00 | 33 | | | | |
| | | | | to gabbro. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description 176.42 to 193.48 | | | | | | | | | |
| | | | | Again a gabbroic unit that has minerology as per initial | 1244119 | 178.00 | 179.00 | 1.00 | 19 | | | | |
| | | | | description in this hole. The unit is medium grained and | 1244120 | 179.00 | 180.00 | 1.00 | 17 | | | | |
| | | | | exhibits good gabbroic texture for the most part. However, | 1244121 | 180.00 | 181.00 | 1.00 | 6 | | | | |
| | | | | from approximately 182-190 the gabbroic texture is | 1244122 | 181.00 | 181.50 | 0.50 | 22 | | | | |
| | | | | masked and section is somewhat greyish and bleached. | 1244123 | 181.50 | 182.00 | 0.50 | 73 | | | | |
| | | | | The area from 182 -190 where masked gabbroic texture & | 1244124 | 182.00 | 182.50 | 0.50 | 38 | | | | |
| | | | | greyish bleached color is noted is generally marked by a | 1244125 | 182.50 | 183.00 | 0.50 | 11 | | | | |
| | | | | minor fault from 181.6-181.9 at 20 deg to CA and 188.35- | 1244126 | 183.00 | 183.50 | 0.50 | 22 | | | | |
| | | | | 188.65 there is another fault subparallel to CA. Outside of | 1244127 | 183.50 | 184.00 | 0.50 | 542 | | | | |
| | | | | bleached area unit is greyish green in color on fresh | 1244128 | 184.00 | 184.50 | 0.50 | 22 | | | | |
| | | | | surface. More greenish as unit dominated by ferro mag | 1244129 | 184.50 | 185.00 | 0.50 | 566 | | | | |
| | | | | minerals (mainly amphiboles), plagioclase componet less | 1244130 | 185.00 | 185.50 | 0.50 | 68 | | | | |
| | | | | likely 15-20%. Variable magnetic response in bleached area | 1244131 | 185.50 | 186.00 | 0.50 | 337 | | | | |
| | | | | and generally good magnetic response outside it. Some | 1244132 | 186.00 | 186.50 | 0.50 | 1620 | | | | |
| | | | | magnetite blebs noted throughout entire interval to some | 1244133 | 186.50 | 187.00 | 0.50 | 17 | | | | |
| | | | | extent. HCL response from 181.6 to 188.65 weak to good | 1244134 | 187.00 | 187.50 | 0.50 | 72 | | | | |
| | | | | but outside of this non-existant to poor response. | 1244135 | 187.50 | 188.00 | 0.50 | 778 | | | | |
| | | | | Unit overall is of moderate hardness and can be scratched | 1244136 | 188.00 | 188.50 | 0.50 | 12 | | | | |
| | | | | with knife with some effort. Some minor quartz veining | 1244137 | 188.50 | 189.00 | 0.50 | 5 | | | | |
| | | | | noted, quartz carb vein 180.35-180.45 assoc with minor | 1244138 | 189.00 | 189.50 | 0.50 | 9 | | | | |
| | | | | slip at 20 deg to CA. A few minor tiny quartz veinlets <1cm | 1244139 | 189.50 | 190.00 | 0.50 | 185 | | | | |
| | | | | at 90 deg to CA between 184-185. Smalll vein from 187.77 | 1244140 | 190.00 | 191.00 | 1.00 | 5 | | | | |
| | | | | to 187.90 at 45 deg to CA, with leucoxene on salvages & | 1244141 | 191.00 | 192.00 | 1.00 | 25 | | | | |
| | | | | some fine pyrite within vein. Some wispy quartz stringers | 1244142 | 192.00 | 193.00 | 1.00 | 5 | | | | |
| | | | | from 188.5 to 190 again assoc. with some leucoxenes and | 1244143 | 193.00 | 194.00 | 1.00 | 22 | | | | |
| | | | | minor hematite. Interval between 181.6 188.65 contains | 1244144 | 194.00 | 195.00 | 1.00 | 145 | | | | |
| | | | | significant leucoxene. | 1244145 | 195.00 | 196.00 | 1.00 | 31 | | | | |
| | | | | Outside of minor faults mentioned above this unit has a few | | | | | | | | | |
| | | | | minor slips at 20 deg to CA and a few fractures at 70 deg | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | to CA & is considered a competent unit overall. Fairly | | | | | | | | | |
| | | | | minimal pyrite in unit 1-1.5% | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 193.48-210.42 | 1244146 | 196.00 | 197.00 | 1.00 | 18 | | | | |
| | | | | Continuation of gabbroic unit, mineralogical make up as per | 1244147 | 197.00 | 198.00 | 1.00 | 5 | | | | |
| | | | | initial description in this hole. The unit is medium grained & | 1244148 | Blank | | | 6 | | | | |
| | | | | greyish green in color, more greenish as more ferro-mag | 1244149 | 198.00 | 199.00 | 1.00 | 6 | | | | |
| | | | | (amphiboles) rich section of gabbro, plagioclase 15%. | 1244150 | stdGS1J | Batch 32 | | 1010 | | | | |
| | | | | Good gabbroic texture, throughout unit some masking of | 1244151 | 199.00 | 200.00 | 1.00 | 7 | | | | |
| | | | | gabbroic texture and bleaching of unit over short intervals | 1244152 | 200.00 | 201.00 | 1.00 | 31 | | | | |
| | | | | from 204-204.65, 201-201.5, and 206.5-207. Some very | 1244153 | 201.00 | 201.50 | 0.50 | 21 | | | | |
| | | | | small quartz/ quartz carbonate veinlets generally less than | 1244154 | 201.50 | 202.00 | 0.50 | 23 | | | | |
| | | | | 6-7 cm within these bleached sections and leucoxene | 1244155 | 202.00 | 203.00 | 1.00 | 23 | | | | |
| | | | | noted in assoc with veinlets and/or bleached sections. | 1244156 | 203.00 | 204.00 | 1.00 | 197 | | | | |
| | | | | Outside of the sections just described there is very minimal | 1244157 | 204.00 | 204.50 | 0.50 | 453 | | | | |
| | | | | quartz/quartz carb stringers/veins in this interval. This is a | 1244158 | 204.50 | 205.00 | 0.50 | 55 | | | | |
| | | | | very competent looking interval with a few minor fractures | 1244159 | 205.00 | 206.00 | 1.00 | 141 | | | | |
| | | | | generally at 45 and 70 deg to CA and some minor slips at | 1244160 | 206.00 | 206.50 | 0.50 | 151 | | | | |
| | | | | about 20 deg to CA in general. Gabbro unit has no HCL | 1244161 | 206.50 | 207.00 | 0.50 | 65 | | | | |
| | | | | reaction, but sections mentioned which are bleached react. | 1244162 | 207.00 | 207.50 | 0.50 | 6 | | | | |
| | | | | Unit is of moderate hardness and can be scratche with a | 1244163 | 207.50 | 208.00 | 0.50 | 5 | | | | |
| | | | | knife with effort. Erratic response to magnet, bleached | 1244164 | 208.00 | 209.00 | 1.00 | 17 | | | | |
| | | | | intervals definitely non-magnetic and other areas variable | 1244165 | 209.00 | 210.00 | 1.00 | 781 | | | | |
| | | | | response, some magnetite blebs (small) noted. Sulphide | 1244166 | 210.00 | 211.00 | 1.00 | 49 | | | | |
| | | | | content estimated at 1-2% pyrite, which is in disseminated | | | | | | | | | |
| | | | | form. Interval contains minor epidote patches & a few str. | | | | | | | | | |
| | | | | Toward lower portion of this interval (last couple of m) | | | | | | | | | |
| | | | | some phenocrysts of plagioclase noted that are larger, up | | | | | | | | | |
| | | | | to a few mm. across. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description 210.42-213.58 | 1244167 | 211.00 | 212.00 | 1.00 | 8 | | | | |
| | | | | Again, gabbro that is green to greyish colored on fresh | 1244168 | 212.00 | 213.00 | 1.00 | 8 | | | | |
| | | | | surface. Leans towards greenish color, as dominated by | 1244169 | 213.00 | 213.58 | 0.58 | 19 | | | | |
| | | | | ferro-mag minerals (primarily amphibloes) while plagioclase | | | | | | | | | |
| | | | | content estimated at 10%. Again in this interval some of | | | | | | | | | |
| | | | | the plagioclase is in the form of phenocrsts a few mm. | | | | | | | | | |
| | | | | across. Outside of thes phenocrysts the unit is more med | | | | | | | | | |
| | | | | to fine grained and gabbroic texture is poorly developed. | | | | | | | | | |
| | | | | A few tiny quartz stringers in this section but not really | | | | | | | | | |
| | | | | significant looking. A few rare epidote stringers noted as | | | | | | | | | |
| | | | | well. Significant fault or major slip 212.70-214.53, oriented | | | | | | | | | |
| | | | | subparallel to CA. Outside of this fault as above a few | | | | | | | | | |
| | | | | fractures at 45 and 70 deg to CA. Unit is non magnetic in | | | | | | | | | |
| | | | | this interval and has a weak to moderate HCL reaction. | | | | | | | | | |
| | | | | Unit is of moderate hardness and can be scratched with | | | | | | | | | |
| | | | | kinfe with some effort. Minimal pyrite noted <1/2%. Contact | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| | | | | at 48 deg to CA. | | | | | | | | |
| | | | | | | | | | | | | |
| 213.58 | 227.00 | Mafic Volcanic | 2U | Description from 213.58 to 227 | 1244170 | 213.58 | 214.00 | 0.42 | 65 | | | |
| | EOH | | | Massive fine grained to aphanitic, grey volcanic. Some | 1244171 | 214.00 | 215.00 | 1.00 | 99 | | | |
| | | | | minor hyaloclastite noted in last couple of meters of hole. | 1244172 | 215.00 | 216.00 | 1.00 | 5 | | | |
| | | | | Fault zone from 213.76-214.92, some sections of blocky | 1244173 | 216.00 | 217.00 | 1.00 | 5 | | | |
| | | | | broken core in this interval, upper contact at about 5 deg to | 1244174 | 217.00 | 218.00 | 1.00 | 5 | | | |
| | | | | CA and lower contact at 45 deg to CA. At 224.2-225.9 | 1244175 | 218.00 | 219.00 | 1.00 | 5 | | | |
| | | | | another fault or major slip with upper contact at 20 deg to | 1244176 | 219.00 | 220.00 | 1.00 | 5 | | | |
| | | | | CA and lower contact at 30 deg to CA. A lot of fractures | 1244177 | 220.00 | 221.00 | 1.00 | 5 | | | |
| | | | | noted within this interval at 45 deg to CA. A number of | 1244178 | 221.00 | 222.00 | 1.00 | 5 | | | |
| | | | | tiny (mm or two) quartz calcite stringers noted in unit, <1% | 1244179 | 222.00 | 223.00 | 1.00 | 5 | | | |
| | | | | of unit generally at 45 & 70 deg to CA. Broken brecciated | 1244180 | 223.00 | 224.00 | 1.00 | 5 | | | |
| | | | | quartz vein with some hematite from 224.55 to 225 m. | 1244181 | 224.00 | 224.55 | 0.55 | 10 | | | |
| | | | | Unit is non magnetic and has no HCL reaction and unit | 1244182 | 224.55 | 225.00 | 0.45 | 16 | | | |
| | | | | contains a trace of disseminated pyrite. Moderate hardness | 1244183 | 225.00 | 225.50 | 0.50 | 5 | | | |
| | | | | as unit can be scratched with knife. | 1244184 | Blank | | | 5 | | | |
| | | | | | 1244185 | 225.50 | 226.00 | 0.50 | 8 | | | |
| | | | | | 1244186 | stdGS1J | Batch33 | | 806 | | | |
| | | | | EOH: 227 M | 1244187 | 226.00 | 227.00 | 1.00 | 5 | | | |
| | | | | Core Stored at SGX facilites in Timmins Ontario | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | Down Hole Tests | | | | | | | | |
| | | | | Depth: 6M Az: 130.70 Dip: -44.4 | | | | | | | | |
| | | | | Depth: 110M Az: 138 Dip: -41.5 | | | | | | | | |
| | | | | Depth: 225M Az: 143.6 Dip:-39.4 | | | | | | | | |
| | | | | | | | | | | | | |

# SGX RESOURCES

**Prospect:** IP Target NE of Shaft
**DDH:** JS1305 **Azimuth/Dip:** 135/-45
**Grid:** Grenfell **Tests:** see last page
**CLAIM:** L522687 **EOH:** 200m.

**Grid Location:** L 4E ST 75N
**UTM:** 560512E 5336545N Nad 83 Zone 17

**Date Started:** 3/4/2013 **Date Finished:** 3/11/2013

**Drill Company:** Forage MG Inc.
**Logged by:** K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 2.00 | Casing | CAS | Note, casing left in hole. | | | | | | | | | |
| 2.00 | 9.98 | Gabbro | 6G | This a grey colored gabbro unit dominated by ferro mag | 1244488 | 2.00 | 3.50 | 1.50 | 191 | | | | |
| | | | | minerals mainly amphiboles. Some plagioclase in unit | 1244489 | 3.50 | 5.00 | 1.50 | 467 | | | | |
| | | | | making up about 20% of unit, some plag develops into | 1244490 | 5.00 | 6.50 | 1.50 | 58 | | | | |
| | | | | larger phenocrysts towards lower contact.Unit for most | 1244491 | 6.50 | 8.00 | 1.50 | 124 | | | | |
| | | | | part medium grained. Very blocky broken unit with fault | 1244492 | 8.00 | 9.00 | 1.00 | 82 | | | | |
| | | | | from 6-8 m. Upper contact ground but lower contact with | 1244493 | 9.00 | 9.98 | 0.98 | 2780 | | | | |
| | | | | gouge at 45 deg to CA. Lots of limonite in fault and assoc. | 1244494 | 9.98 | 11.00 | 1.02 | 70 | | | | |
| | | | | with numerous fractures and slips above and below | | | | | | | | | |
| | | | | actual fault. Slips noted outside of fault generally 30 deg to | | | | | | | | | |
| | | | | CA and fractures at about 50 deg to CA. Very localized | | | | | | | | | |
| | | | | response to magnet, for the most part non magnetic. Unit | | | | | | | | | |
| | | | | of moderate hardness and can be scratched with knife | | | | | | | | | |
| | | | | with a bit of effort. No HCL reaction in gabbro. A few rare | | | | | | | | | |
| | | | | wispy quartz stringers (rare) and no significant alteration | | | | | | | | | |
| | | | | or mineralization. Lower contact associated with fracture | | | | | | | | | |
| | | | | at 70 deg to CA. | | | | | | | | | |
| 9.98 | 33.50 | Dacite | 3D | Description from 9.98-18.90 | | | | | | | | | |
| | | | | This unit is very similar to unit described in the top of Hole | 1244495 | 11.00 | 12.50 | 1.50 | 6 | | | | |
| | | | | JS1301. This particular interval is grey in color and is | 1244496 | 12.50 | 14.00 | 1.50 | 258 | | | | |
| | | | | exceptionally hard and near impossible to scratch with | 1244497 | 14.00 | 15.50 | 1.50 | 31 | | | | |
| | | | | knife. The unit has no magnetic response and has no | 1244498 | 15.50 | 17.00 | 1.50 | 8 | | | | |
| | | | | reaction to HCL but there are portions of unit with small | 1244499 | 17.00 | 18.50 | 1.50 | 19 | | | | |
| | | | | round specks (localized) which react to HCL. Unit has fair | | | | | | | | | |
| | | | | amount of fracture and small slips, and slips in general are | | | | | | | | | |
| | | | | at about 30 deg to CA while fractures generally at 45 deg | | | | | | | | | |
| | | | | to CA. The unit is basically aphanitic and appears strongly | | | | | | | | | |
| | | | | silicified. A few wispy quartz calcite stringers noted & a | | | | | | | | | |
| | | | | trace of pyrite at best. | | | | | | | | | |
| | | | | Description from 18.90-33.5 | 1244500 | 18.50 | 20.00 | 1.50 | 5 | | | | |
| | | | | Unit distinctly similar to description above, grey colored unit | | | | | | | | | |
| | | | | that is aphanitic and silicified in appearance. The unit is | 1245501 | 20.00 | 21.50 | 1.50 | 6 | | | | |
| | | | | again exceptionally hard and near impossible to scratch | 1245502 | 21.50 | 23.00 | 1.50 | 5 | | | | |
| | | | | with a knife and is non magnetic. Unit does not react to HCL. | 1245503 | 23.00 | 24.50 | 1.50 | 5 | | | | |
| | | | | A few wispy white quartz carb stringers noted and no | 1245504 | 24.50 | 26.00 | 1.50 | 5 | | | | |
| | | | | significant pyrite or other mineraization. Small fault zone | 1245505 | 26.00 | 27.00 | 1.00 | 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | noted at 21.15-21.45 with upper contact at 30 deg to CA | | | | | | | | | |
| | | | | and lower contact at 45 deg to CA; 2nd fault zone at 26.25 | 1245506 | 27.00 | 28.00 | 1.00 | 5 | | | | |
| | | | | to 26.5 with upper contact at 45 deg to CA and lower | 1245507 | 28.00 | 29.20 | 1.20 | 5 | | | | |
| | | | | contact at 30 deg to CA. Some limonite assoc with both of | 1245508 | Blank | | | 5 | | | | |
| | | | | these. Fairly significant number of fractures and slips | 1245509 | 29.20 | 30.06 | 0.86 | 5 | | | | |
| | | | | throughout this interval (blocky core). Slips generally | 1245510 | stdGSP7E | Batch 42 | | 738 | | | | |
| | | | | oriented at 20-30 deg to CA and fractures generally 45 deg | 1245511 | 30.06 | 31.00 | 0.94 | 5 | | | | |
| | | | | to CA. Small felsic to intermediate feldspar porphyritic dyke | 1245512 | 31.00 | 32.00 | 1.00 | 5 | | | | |
| | | | | noted at 29.2-30.06, upper contact 45 deg to CA and lower | 1245513 | 32.00 | 33.50 | 1.50 | 5 | | | | |
| | | | | contact at 80 deg to CA. Some felsic fragments in dyke. | | | | | | | | | |
| | | | | Also a few fragments similar dyke material in unit at 30.55 | | | | | | | | | |
| | | | | and 31.75m. Section of silica flooding and epidote from | | | | | | | | | |
| | | | | 30.75 to 31.02. Upper contact with dyke ground but | | | | | | | | | |
| | | | | appears to be associated with fracture at 20 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 33.50 | 35.27 | Felsic to Inter. | 7U | Dyke is aphanitic and has a greyish/maroon color. It is of | | | | | | | | | |
| | | Dyke | | moderate hardness and can be scratched with a knife with | | | | | | | | | |
| | | | | some effort. Dyke is very blocky and broken up and has | 1245514 | 33.50 | 34.50 | 1.00 | 5 | | | | |
| | | | | likey came up a fault, fault evident from upper contact to | 1245515 | 34.50 | 35.27 | 0.77 | 5 | | | | |
| | | | | 34.2; at 34.2 lower contact of fault at 45 deg to CA. Unit | | | | | | | | | |
| | | | | is non magnetic and has no HCL reaction, however some | | | | | | | | | |
| | | | | amygdule like blebs have some reaction to HCL locally in | | | | | | | | | |
| | | | | dyke. No significant sulphide in dyke except for a small 2cm | | | | | | | | | |
| | | | | epidote veinlet with some minor pyrite. Lower contact sharp | | | | | | | | | |
| | | | | and at 50 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 35.27 | 124.35 | Dacite / Dacite | 3D | Description from 35.27 to 53.00 | 1245516 | 35.27 | 36.50 | 1.23 | 5 | | | | |
| | | Fragmental | | This is a light grey colored unit that is aphanitic and contains | 1245517 | 36.50 | 38.00 | 1.50 | 5 | | | | |
| | | | | numerous fragments that are subangular ranging from a | 1245518 | 38.00 | 39.50 | 1.50 | 5 | | | | |
| | | | | a few mm to 3-4 cm across. For the most part fragments | 1245519 | 39.50 | 41.00 | 1.50 | 5 | | | | |
| | | | | appear to be of felsic volcanic composition and a few | 1245520 | 41.00 | 42.50 | 1.50 | 16 | | | | |
| | | | | fragments of felsic porphyritic compositon. The unit does | 1245521 | 42.50 | 44.00 | 1.50 | 5 | | | | |
| | | | | not appear to be as silicified as the dacitic unit above. Unit | 1245522 | 44.00 | 45.50 | 1.50 | 5 | | | | |
| | | | | is reasonably competent but with a number of fractures at | 1245523 | 45.50 | 47.00 | 1.50 | 5 | | | | |
| | | | | 45 deg to CA and a few slips at about 30 deg to CA in | 1245524 | 47.00 | 48.50 | 1.50 | 5 | | | | |
| | | | | general. Small fault zone from 47.10-47.54, upper contact | 1245525 | 48.50 | 50.00 | 1.50 | 5 | | | | |
| | | | | at45 deg to CA and lower contact at 45 deg to CA as well | 1245526 | 50.00 | 51.50 | 1.50 | 5 | | | | |
| | | | | with some gouge.Unit is non magnetic. Unit is of moderate | 1245527 | 51.50 | 53.00 | 1.50 | 5 | | | | |
| | | | | hardness and can be scratched with a knife with some | | | | | | | | | |
| | | | | effort. Unit has no HCL reaction. No significant sulphide | | | | | | | | | |
| | | | | present perhaps trace pyrite. No significant stringers or | | | | | | | | | |
| | | | | veinlets, rare localized quartz carb stringer at best. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Description from 53 to 69.33 | | | | | | | | | |
| | | | | This particular dacitic unit is grey, fine grained to aphanitic | 1245528 | 53.00 | 54.50 | 1.50 | 5 | | | | |
| | | | | and more massive in appearance with the occassional | 1245529 | 54.50 | 56.00 | 1.50 | 5 | | | | |
| | | | | fragment. It is not as silicified as original dacite unit at | 1245530 | 56.00 | 57.50 | 1.50 | 5 | | | | |
| | | | | 9.98-33.50. It can be scratched with a knife with effort. | 1245531 | 57.50 | 59.00 | 1.50 | 5 | | | | |
| | | | | Unit is non-magnetic and has no HCL reaction. Relatively | 1245532 | 59.00 | 60.50 | 1.50 | 5 | | | | |
| | | | | competent unit but somewhat broken and blocky between | 1245533 | 60.50 | 62.00 | 1.50 | 5 | | | | |
| | | | | 55-60 m and small fault at 55.10-55.30 with upper contact | 1245534 | 62.00 | 63.50 | 1.50 | 5 | | | | |
| | | | | and lower contact at 45 & 70 deg to CA respectively. | 1245535 | 63.50 | 65.00 | 1.50 | 5 | | | | |
| | | | | Generally other minor slips present in unit at 20-30 deg to | 1245536 | 65.00 | 66.50 | 1.50 | 5 | | | | |
| | | | | CA and fractures generally at 45 and 70 deg to CA. No | 1245537 | 66.50 | 68.00 | 1.50 | 5 | | | | |
| | | | | significant veining or sulphide noted in unit. | 1245538 | 68.00 | 69.50 | 1.50 | 5 | | | | |
| | | | | | 1245539 | 69.50 | 71.00 | 1.50 | 5 | | | | |
| | | | | Description from 69.33-86.27 | 1245540 | 71.00 | 72.50 | 1.50 | 5 | | | | |
| | | | | As per interval above, unit is fine grained to aphanitic, it is | 1245541 | 72.50 | 74.00 | 1.50 | 5 | | | | |
| | | | | massive but has some intercalated fragmental rich sections. | 1245542 | 74.00 | 75.50 | 1.50 | 5 | | | | |
| | | | | Again it is not as silica rich as origninal section and it can | 1245543 | 75.50 | 77.00 | 1.50 | 5 | | | | |
| | | | | be scratched with a knife with some effort, it is non | 1245544 | Blank | | | 14 | | | | |
| | | | | magnetic and has no rection to HCL. Fairly substantial | 1245545 | 77.00 | 78.50 | 1.50 | 5 | | | | |
| | | | | number of fragments noted from 74-82 and compositionally. | 1245546 | stdGSP7E | BATCH43 | | 786 | | | | |
| | | | | Fragments apper to be volcanic and of felsic to intermediate | 1245547 | 78.50 | 80.00 | 1.50 | 5 | | | | |
| | | | | composition, they are sub angular and range from a few | 1245548 | 80.00 | 81.50 | 1.50 | 5 | | | | |
| | | | | mm across to as much as 3.5 cm. No significant veining or | 1245549 | 81.50 | 83.00 | 1.50 | 5 | | | | |
| | | | | sulphide mineralization noted in this interval. Small fault | 1245550 | 83.00 | 84.50 | 1.50 | 5 | | | | |
| | | | | present from 83.85-84 with upper contact ground & lower | 1245551 | 84.50 | 86.00 | 1.50 | 5 | | | | |
| | | | | contact at 20 deg to CA. , core is broken and blocky for | 1245552 | 86.00 | 87.50 | 1.50 | 5 | | | | |
| | | | | about a meter or so each side of this small fault. Outside | 1245553 | 87.50 | 89.00 | 1.50 | 7 | | | | |
| | | | | of this area there are some minor slips again at about 20-30 | 1245554 | 89.00 | 89.68 | 0.68 | 61 | | | | |
| | | | | deg to CA and some fractures generally at 45-50 deg to CA. | 1245555 | 89.68 | 90.60 | 0.92 | 9 | | | | |
| | | | | Overall a competent unit outside of fault area described. | 1245556 | 90.60 | 92.00 | 1.40 | 5 | | | | |
| | | | | | 1245557 | 92.00 | 93.00 | 1.00 | 5 | | | | |
| | | | | Description from 86.27-102.38 | 1245558 | 93.00 | 94.00 | 1.00 | 5 | | | | |
| | | | | Still a dacitic unit as above, for the most part massive, grey | 1245559 | 94.00 | 95.00 | 1.00 | 5 | | | | |
| | | | | fine grained to aphanitic unit with a few minor fragments | 1245560 | 95.00 | 96.00 | 1.00 | 5 | | | | |
| | | | | locally. Significant fault zone basically rubble from 89.68 to | 1245561 | 96.00 | 97.00 | 1.00 | 5 | | | | |
| | | | | 90.6, contacts pretty much ground up. Within fault zone to | 1245562 | 97.00 | 98.00 | 1.00 | 5 | | | | |
| | | | | about 98 meters unit becomes very silicifed. From within | 1245563 | 98.00 | 99.50 | 1.50 | 5 | | | | |
| | | | | fault to about 94 appears bleached and from 94 to about | 1245564 | 99.50 | 101.00 | 1.50 | 5 | | | | |
| | | | | 98 more of a greenish maroon color. Outside fo fault zone | 1245565 | 101.00 | 102.50 | 1.50 | 5 | | | | |
| | | | | still a number of minor slips and fractures generally at 20-30 | | | | | | | | | |
| | | | | deg to CA for slips and fractures at 45 deg to CA. Some | | | | | | | | | |
| | | | | wispy quartz calcite stringers found in silicified zone below | | | | | | | | | |
| | | | | fault to about 98m. No significant sulphides noted. Dacite | | | | | | | | | |
| | | | | unit does not react to HCL, unit is non-magnetic, altered | | | | | | | | | |
| | | | | silicified zone below fault hard and other areas of moderate | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | hardness. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description 102.38 to 124.35 | 1245566 | 102.50 | 104.00 | 1.50 | 5 | | | | |
| | | | | Again this is an intercalated package of massive dacite | 1245567 | 104.00 | 105.50 | 1.50 | 5 | | | | |
| | | | | and some dacite fragmentals. Most of the unit is greyish | 1245568 | 105.50 | 107.00 | 1.50 | 5 | | | | |
| | | | | in color and fine grained to aphanitic.There are sections of | 1245569 | 107.00 | 108.50 | 1.50 | 5 | | | | |
| | | | | fragmental over a few meters or so within the unit & again | 1245570 | 108.50 | 110.00 | 1.50 | 7 | | | | |
| | | | | the fragments in these sections are sub angular and range | 1245571 | 110.00 | 111.50 | 1.50 | 5 | | | | |
| | | | | in size from a few mm to 3.5 cm across. There is a fault | 1245572 | 111.50 | 113.00 | 1.50 | 5 | | | | |
| | | | | zone from 102.38 to 103.10 comprised of a lot of broken | 1245573 | 113.00 | 114.50 | 1.50 | 8 | | | | |
| | | | | rock and slip planes, upper contact ground and lower | 1245574 | 114.50 | 116.00 | 1.50 | 5 | | | | |
| | | | | contact at about 45 deg to CA. Note, fragments within this | 1245575 | 116.00 | 117.50 | 1.50 | 5 | | | | |
| | | | | unit are felsic to intermediate in composition and some | 1245576 | 117.50 | 119.00 | 1.50 | 10 | | | | |
| | | | | very simialar to unit itself. Overall this unit is not very | 1245577 | 119.00 | 120.50 | 1.50 | 5 | | | | |
| | | | | competent and is blocky and broken up with numerous | 1245578 | 120.50 | 122.00 | 1.50 | 19 | | | | |
| | | | | fractures and slips. This is particularily so from 113-117 | 1245579 | 122.00 | 123.50 | 1.50 | 11 | | | | |
| | | | | and there is a minor fault at 113.50-113.60, upper contact | 1245580 | Blank | | | 5 | | | | |
| | | | | at 30 deg to CA and lower contact at 45 deg to CA. In | 1245581 | 123.50 | 124.35 | 0.85 | 7 | | | | |
| | | | | general secondary minor slips within this unit at 20-30 deg | 1245582 | stdGSP7E | Batch 44 | | 877 | | | | |
| | | | | to CA and fractures generally at 45 deg to CA. From 110- | 1245583 | 124.35 | 125.65 | 1.30 | 5 | | | | |
| | | | | 113 fragmental section with sections which are green to | | | | | | | | | |
| | | | | maroon in color. Within this interval some irregular orange | | | | | | | | | |
| | | | | colored hard quartz stringers, not much in the way of | | | | | | | | | |
| | | | | veining in this section outside of these stringers. Some | | | | | | | | | |
| | | | | shear fabric from 111.10 to 111.50 oriented 40-45 deg to | | | | | | | | | |
| | | | | CA. Overall this unit considered of moderate hardness and | | | | | | | | | |
| | | | | can be scratched with knife. The unit has no HCL reaction | | | | | | | | | |
| | | | | and is non-magnetic. No significant mineralization noted and | | | | | | | | | |
| | | | | unit is definitely not a silicified as previous intervals of this | | | | | | | | | |
| | | | | unit. Note, from about 118.5 to fault zone at 124.35 very | | | | | | | | | |
| | | | | few fragments and more of a massive unit. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 124.35 | 127.50 | Fault Zone | FZ | This is basiclly zone of broken rubble principally comprised | | | | | | | | | |
| | | | | of material that is dacitic in composition with a few | 1245584 | 125.65 | 126.55 | 0.90 | 5 | | | | |
| | | | | fragments noted. An odd 20 cm piece of granitic rubble also | 1245585 | 126.55 | 127.50 | 0.95 | 10 | | | | |
| | | | | noted. Upper contact 40 deg to CA and lower contact 15 | | | | | | | | | |
| | | | | deg to CA. No significant veining or sulphide noted in fault. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 127.50 | 136.00 | Dacite Fragmental | 3D | This unit again a dacite but comprised of numerous | 1245586 | 127.50 | 128.00 | 0.50 | 5 | | | | |
| | | | | fragments. The unit is again fine grained to aphanitic and it | 1245587 | 128.00 | 129.50 | 1.50 | 5 | | | | |
| | | | | is greenish grey with substantial maroon coloring when | 1245588 | 129.50 | 131.00 | 1.50 | 5 | | | | |
| | | | | wet. Fragments range from a few mm to 3.5-4 cm across | 1245589 | 131.00 | 132.50 | 1.50 | 5 | | | | |
| | | | | and they are subangular and principally of felsic to | 1245590 | 132.50 | 134.00 | 1.50 | 8 | | | | |
| | | | | intermediate composition and appear to be of volcanic | 1245591 | 134.00 | 135.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | origin. This unit is pretty competent looking and has a few | | | | | | | | | |
| | | | | minor slips and a few fractures. Occassional slip noted at | 1245592 | 135.00 | 136.00 | 1.00 | 5 | | | | |
| | | | | 20 deg to CA and fractures at 45 and 70 deg to CA. Unit | | | | | | | | | |
| | | | | is non magnetic and of moderate hardness as it can be | | | | | | | | | |
| | | | | scratched with knife. No HCL reaction and no significant | | | | | | | | | |
| | | | | mineralization or veining in unit (one or two quartz calcite | | | | | | | | | |
| | | | | stringers). Distinct looking unit possible future marker unit. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 136.00 | 200.00 | Dacite | 3D | Description from 136-151.70 | 1245593 | 136.00 | 137.00 | 1.00 | 5 | | | | |
| | | | | This unit is pretty much a massive unit with rare fragment. | 1245594 | 137.00 | 138.50 | 1.50 | 8 | | | | |
| | | | | The unit is fine grained to aphanitic and the dominant color | 1245595 | 138.50 | 140.00 | 1.50 | 5 | | | | |
| | | | | is grey however substantial sections are light greenish to | 1245596 | 140.00 | 141.50 | 1.50 | 7 | | | | |
| | | | | maroon in color. Fairly broken core with a number of faults | 1245597 | 141.50 | 143.00 | 1.50 | 5 | | | | |
| | | | | and accompanying slips and fractures from 136-148. | 1245598 | 143.00 | 144.50 | 1.50 | 5 | | | | |
| | | | | Small fault from 142.08-142.40, upper contact at 45 deg | 1245599 | 144.50 | 146.00 | 1.50 | 5 | | | | |
| | | | | and lower contact 50 deg to CA. Also fault at 145-145.25 | 1245600 | 146.00 | 147.50 | 1.50 | 10 | | | | |
| | | | | with contacts at 20 deg to CA, blocky and ground material. | 1245601 | 147.50 | 149.00 | 1.50 | 5 | | | | |
| | | | | Also, healed fault at 147.60 and slip at 20 deg to CA. | 1245602 | 149.00 | 150.50 | 1.50 | 5 | | | | |
| | | | | Fractures at 45 and 70 deg to CA and a few slips at 20 deg | 1245603 | 150.50 | 152.00 | 1.50 | 5 | | | | |
| | | | | to CA. Non-magnetic unit, and no reaction to HCl and of | | | | | | | | | |
| | | | | moderate hardness. A few minor quartz calcite stringers | | | | | | | | | |
| | | | | noted from 144-148.25. Significant quartz calcite stockwork | | | | | | | | | |
| | | | | at 147.60 for about 20-30 cm each side of actual slip. Trace | | | | | | | | | |
| | | | | of pyrite noted at best. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 151.70-168.99 | 1245604 | 152.00 | 153.50 | 1.50 | 5 | | | | |
| | | | | Again a massive unit with a rare occassional fragment. | 1245605 | 153.50 | 155.00 | 1.50 | 8 | | | | |
| | | | | the unit is fine grained to aphanitic and grey in color. The | 1245606 | 155.00 | 156.50 | 1.50 | 5 | | | | |
| | | | | unit is fairly hard & extremely difficult to scratch with a knife | 1245607 | 156.50 | 158.00 | 1.50 | 5 | | | | |
| | | | | The unit is non magntic and has no HCL reaction. Very few | 1245608 | 158.00 | 159.50 | 1.50 | 5 | | | | |
| | | | | minor stringers of quartz carb with a few specks of pyrite, | 1245609 | 159.50 | 161.00 | 1.50 | 5 | | | | |
| | | | | outside of this rare pyrite in a stringer or two no significant | 1245610 | 161.00 | 162.50 | 1.50 | 5 | | | | |
| | | | | pyrite in unit. Very competent looking interval with a few | 1245611 | 162.50 | 164.00 | 1.50 | 5 | | | | |
| | | | | fractures, these are orinented at 45 deg for the most part. | 1245612 | 164.00 | 165.50 | 1.50 | 5 | | | | |
| | | | | | 1245613 | 165.50 | 167.00 | 1.50 | 5 | | | | |
| | | | | Description from 168.99-186.30 | 1245614 | 167.00 | 168.50 | 1.50 | 5 | | | | |
| | | | | Massive grey colored fine grained to aphanitic unit that | 1245615 | 168.50 | 170.00 | 1.50 | 5 | | | | |
| | | | | is fairly hard and extremely hard to scratch with knife. Unit | 1245616 | Blank | | | 5 | | | | |
| | | | | is non magnetic and has no HCL reaction. Very few local | 1245617 | 170.00 | 171.50 | 1.50 | 5 | | | | |
| | | | | quartz and quartz carb stringers. Some orange K-spar | 1245618 | stdGSP7E | | | 810 | | | | |
| | | | | noted in veinlets at 181.03 and 181.70. No significant pyrite | 1245619 | 171.50 | 173.00 | 1.50 | 5 | | | | |
| | | | | noted, trace pyrite. Minor fault noted at 175.65-175.90 with | 1245620 | 173.00 | 174.50 | 1.50 | 5 | | | | |
| | | | | some strong sericite alteration for about 10-15 cm beyond | 1245621 | 174.50 | 176.00 | 1.50 | 5 | | | | |
| | | | | lower contact. Upper contact of fault at 30 deg to CA and | 1245622 | 176.00 | 177.50 | 1.50 | 5 | | | | |
| | | | | lower contact of fault at 20 deg to CA. Outside of this one | 1245623 | 177.50 | 179.00 | 1.50 | 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| | | | | fault very competent unit with a few fractures at 45 and 70 | 1245624 | 179.00 | 180.50 | 1.50 | 5 | | | |
| | | | | deg to CA and a few minor slips generally at 20 deg to CA. | 1245625 | 180.50 | 182.00 | 1.50 | 5 | | | |
| | | | | | 1245626 | 182.00 | 183.50 | 1.50 | 5 | | | |
| | | | | Description from 186.30-200 | 1245627 | 183.50 | 185.00 | 1.50 | 5 | | | |
| | | | | Again massive grey colored fine grained to aphanitic dacite | 1245628 | 185.00 | 186.50 | 1.50 | 5 | | | |
| | | | | that is of moderate hardness and can be scratched with | 1245629 | 186.50 | 187.00 | 0.50 | 5 | | | |
| | | | | knife with some effort. Unit is non magnetic and has no HCL | 1245630 | 187.00 | 188.00 | 1.00 | 5 | | | |
| | | | | reaction. A few minor felsic fragments noted at 192-194. | 1245631 | 188.00 | 189.50 | 1.50 | 5 | | | |
| | | | | Grey quartz veins over a few cm noted at 186.67 & 191.45 | 1245632 | 189.50 | 191.00 | 1.50 | 5 | | | |
| | | | | to 191.56. Outside of these two veinlets no real significant | 1245633 | 191.00 | 191.40 | 0.40 | 5 | | | |
| | | | | veining. No significant sulphides noted, trace pyrite at best. | 1245634 | 191.40 | 191.70 | 0.30 | 5 | | | |
| | | | | A few slips at 20 deg to CA and fractures at 45 & 70 deg | 1245635 | 191.70 | 193.00 | 1.30 | 5 | | | |
| | | | | to CA. | 1245636 | 193.00 | 194.00 | 1.00 | 5 | | | |
| | | | | | 1245637 | 194.00 | 195.50 | 1.50 | 5 | | | |
| | | | | EOH:200m. | 1245638 | 195.50 | 197.00 | 1.50 | 5 | | | |
| | | | | | 1245639 | 197.00 | 198.50 | 1.50 | 5 | | | |
| | | | | Down Hole Tests | 1245640 | 198.50 | 200.00 | 1.50 | 5 | | | |
| | | | | Depth:007m Az:135.9 Dip:-43.1 | | | | | | | | |
| | | | | Depth:100m Az:134.1 Dip:-39.6 | | | | | | | | |
| | | | | Depth:200m Az:133.7 Dip:-34.5 | | | | | | | | |
| | | | | Good Test as non magnetic unit. | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | Core stored at SGX facilities in Timmins Ontario. | | | | | | | | |

# SGX RESOURCES

**Prospect: IP Target NE of Shaft** | **Grid Location: L5E ST285N** | **Drill Company:**
**DDH: JS1306** | **Azimuth/Dip: 135/-50** | **UTM:560418E 5336750N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L522693** | **EOH:176m.** | **Date Started: 3/17/2013 Date Finished: 3/23/2013** | K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 1.00 | Casing | CAS | Note, casing left in hole. | | | | | | | | | |
| 1.00 | 76.42 | Gabbro | 6G | Description from 1 to 18.38 | 1245828 | 1.00 | 2.00 | 1.00 | 5 | | | | |
| | | | | In general gabbros on property grey green colored and | 1245829 | 2.00 | 3.00 | 1.00 | 5 | | | | |
| | | | | comprised of a greenish mineral thought to be hornblende | 1245830 | 3.00 | 4.00 | 1.00 | 5 | | | | |
| | | | | and a hard black mineral being a pyroxene (likely augite) & | 1245831 | 4.00 | 5.18 | 1.18 | 5 | | | | |
| | | | | plagioclase feldspar. Feldspar may make make up 30-50% | 1245832 | Blank | | | 5 | | | | |
| | | | | of unit with ferro-mag minerals ranging from 50-70% with | 1245833 | 5.18 | 5.38 | 0.20 | 5 | | | | |
| | | | | greenish amphibole (hornblende) being dominant. Minor | 1245834 | stdGSP7E | Batch 51 | | 636 | | | | |
| | | | | accessory quartz may be noted rarely. This particular | 1245835 | 5.38 | 6.00 | 0.62 | 5 | | | | |
| | | | | interval is medium grained to about 6.30 and beyond this | 1245836 | 6.00 | 7.00 | 1.00 | 14 | | | | |
| | | | | coarse to medium grained to about 15.85 meters & beyond | 1245837 | 7.00 | 8.00 | 1.00 | 5 | | | | |
| | | | | this to end of interval more less medium grained. Plagioclase | 1245838 | 8.00 | 9.00 | 1.00 | 5 | | | | |
| | | | | content ranges 25-45% in this unit, coarse to pegmatitic | 1245839 | 9.00 | 10.00 | 1.00 | 5 | | | | |
| | | | | sections are most enriched in plagioclase (45%). This unit | 1245840 | 10.00 | 11.00 | 1.00 | 5 | | | | |
| | | | | ranges in color from light greyish to greenish grey, more | 1245841 | 11.00 | 12.00 | 1.00 | 5 | | | | |
| | | | | plagioclase rich light greyish in color and ferro mag rich | 1245842 | 12.00 | 13.00 | 1.00 | 5 | | | | |
| | | | | sections more greenish color. Unit is strongly mangetic in | 1245843 | 13.00 | 14.00 | 1.00 | 5 | | | | |
| | | | | all sections and numerous bleb of magnetite throughout unit | 1245844 | 14.00 | 15.00 | 1.00 | 5 | | | | |
| | | | | but in coarse grained to pegmatitic section this is very | 1245845 | 15.00 | 16.00 | 1.00 | 5 | | | | |
| | | | | evident. Unit is of moderate hardness and can be scratched | 1245846 | 16.00 | 17.00 | 1.00 | 5 | | | | |
| | | | | with knife with some effort. No HCL reaction. A quartz vein | 1245847 | 17.00 | 18.00 | 1.00 | 5 | | | | |
| | | | | with some minor sulphide noted from 5.18-5.38 with upper | | | | | | | | | |
| | | | | lower contacts at 40 and 30 deg to CA respectively. | | | | | | | | | |
| | | | | Outside of this one quartz vein no significant veining. Just | | | | | | | | | |
| | | | | after casing fair number of fractures to about 6 meters. | | | | | | | | | |
| | | | | Small minorfault zone from about 5.5 to 5.63 with rubble and | | | | | | | | | |
| | | | | upper contact at 30 deg to CA and lower contact 40 deg to | | | | | | | | | |
| | | | | CA. Overall below this first few meters pretty competent | | | | | | | | | |
| | | | | interval with a few slips at generally at 20 deg to CA and | | | | | | | | | |
| | | | | fractures at 50 deg to CA. There is about 1/2% dissem. Py | | | | | | | | | |
| | | | | in this interval a a few stringers of pyrite associated with | | | | | | | | | |
| | | | | some pyrrhotite at 11.10 and 6.30 m. Good gabbroic texture. | | | | | | | | | |
| | | | | Description 18.38 to 35.50 | | | | | | | | | |
| | | | | Gabbro unit again with mineralogical description as per | 1245848 | 18.00 | 19.00 | 1.00 | 5 | | | | |
| | | | | description for initial interval in this hole. The bulk of this | 1245849 | 19.00 | 20.00 | 1.00 | 5 | | | | |
| | | | | interval is medium grained, but section of coarse to | 1245850 | 20.00 | 21.00 | 1.00 | 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | pegamatitic gabbro from 23 to 26.85. Unit is light greyish | | | | | | | | | |
| | | | | to greyish green color, entire interval has a high plagioclase | 1245851 | 21.00 | 22.00 | 1.00 | 5 | | | | |
| | | | | componet 30-35% overall but in pegmatitic sections more | 1245852 | 22.00 | 23.00 | 1.00 | 5 | | | | |
| | | | | like 40-45%. Very competent unit with a few minor faults | 1245853 | 23.00 | 24.00 | 1.00 | 5 | | | | |
| | | | | such as at 28.60-29 with blocky broken material; upper | 1245854 | 24.00 | 25.00 | 1.00 | 5 | | | | |
| | | | | contact at 30 deg to CA and lower contact at 25 deg to CA. | 1245855 | 25.00 | 26.00 | 1.00 | 5 | | | | |
| | | | | Similarily at 30.35 to 30.55 small fault with upper contact at | 1245856 | 26.00 | 27.00 | 1.00 | 5 | | | | |
| | | | | 30 deg to CA and lower contact at 40 deg to CA. Outside | 1245857 | 27.00 | 28.00 | 1.00 | 5 | | | | |
| | | | | of this a few minor slips and generally at 30 deg to CA. | 1245858 | 28.00 | 29.00 | 1.00 | 5 | | | | |
| | | | | Some minor fractures at 40 and 70 deg to CA., overall | 1245859 | 29.00 | 30.00 | 1.00 | 5 | | | | |
| | | | | pretty competent looking unit. Small quartz carb veinlet at | 1245860 | 30.00 | 31.00 | 1.00 | 5 | | | | |
| | | | | 23.59-23.62 assoc with minor slip at 30 deg to CA. Outside | 1245861 | 31.00 | 32.00 | 1.00 | 5 | | | | |
| | | | | of this no significant stringers or veinlets of quartz or quartz | 1245862 | 32.00 | 33.00 | 1.00 | 5 | | | | |
| | | | | carb. Unit is strongly magnetic and significant magnetite | 1245863 | 33.00 | 34.00 | 1.00 | 5 | | | | |
| | | | | noted particularily in coarse to pegmatitic section where | 1245864 | 34.00 | 35.00 | 1.00 | 5 | | | | |
| | | | | there are blebs of magneite. Unit is of moderate hardness | 1245865 | 35.00 | 36.00 | 1.00 | 5 | | | | |
| | | | | and can be scratched with knife with some effort. No | | | | | | | | | |
| | | | | HCL reaction in unit. Sulphide content in this unit fairly | | | | | | | | | |
| | | | | minimal, estimated at <1/2% and generally in disseminated | | | | | | | | | |
| | | | | form. Unit exhibits good gabbroic texture throughout. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description 35.50-52.90 | | | | | | | | | |
| | | | | Medium grained unit to approximately 46.40 and beyond this | 1245866 | 36.00 | 37.00 | 1.00 | 5 | | | | |
| | | | | more coarse grained to bordering on pegmatitic. Still good | 1245867 | 37.00 | 38.00 | 1.00 | 5 | | | | |
| | | | | gabbroic texture throughout except from 44.93 to 46.40, | 1245868 | Blank | | | 5 | | | | |
| | | | | this short interval assoc. with small fault zone. In this short | 1245869 | 38.00 | 39.00 | 1.00 | 5 | | | | |
| | | | | interval gabbroic texture somewhat masked. In this unit | 1245870 | stdGSP7E | Batch 52 | | 772 | | | | |
| | | | | color is light greyish in more plagioclase rich section and | 1245871 | 39.00 | 40.00 | 1.00 | 5 | | | | |
| | | | | greenish grey where ferro mag minerals more dominant. | 1245872 | 40.00 | 41.00 | 1.00 | 24 | | | | |
| | | | | Overall 35-45% plagioclase content in unit, content closer | 1245873 | 41.00 | 42.00 | 1.00 | 11 | | | | |
| | | | | to 45% in coarse to pegmatitic rich sections. Substantial | 1245874 | 42.00 | 43.00 | 1.00 | 14 | | | | |
| | | | | magnetite including blebs in coarse/pegmatitic sections and | 1245875 | 43.00 | 44.00 | 1.00 | 11 | | | | |
| | | | | thus strongly magnetic section of gabbro. Unit has | 1245876 | 44.00 | 45.00 | 1.00 | 11 | | | | |
| | | | | no HCL reaction. Unit is of moderated hardness and can be | 1245877 | 45.00 | 46.00 | 1.00 | 5 | | | | |
| | | | | scratched with knife with some effort. Fault zone from 45.3 | 1245878 | 46.00 | 46.40 | 0.40 | 5 | | | | |
| | | | | with blocky broken core to about 46.15. Upper contact & | 1245879 | 46.40 | 47.00 | 0.60 | 5 | | | | |
| | | | | lower contacts both at 50 deg to CA. Some small quartz | 1245880 | 47.00 | 48.00 | 1.00 | 5 | | | | |
| | | | | from 46.15-46.40 m. also at 50 deg to CA within fault zone, | 1245881 | 48.00 | 49.00 | 1.00 | 5 | | | | |
| | | | | these are basically the only significant veining in interval. | 1245882 | 49.00 | 50.00 | 1.00 | 5 | | | | |
| | | | | Rare speck of chalcopyrite noted in core. Outside of fault | 1245883 | 50.00 | 51.00 | 1.00 | 5 | | | | |
| | | | | zone unit fairly competent. A few minor slips generally at | 1245884 | 51.00 | 52.00 | 1.00 | 5 | | | | |
| | | | | 30 deg to CA and some fractures generally at 45 deg to CA. | 1245885 | 52.00 | 53.00 | 1.00 | 5 | | | | |
| | | | | Pyrite content in unit fairly minimal estimated at <1/2% in | | | | | | | | | |
| | | | | disseminated form but occassional stringer such as at | | | | | | | | | |
| | | | | 43.18. Occassional epdiote stringer noted as well. | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Description at 52.90-70.17 | | | | | | | | |
| | | | | Gabbro unit as per inititial description in this hole with | 1245886 | 53.00 | 54.00 | 1.00 | 5 | | | |
| | | | | resepect to mineralogical make up of unit. This particular | 1245887 | 54.00 | 55.00 | 1.00 | 5 | | | |
| | | | | interval is coarse grained to pegmatitic throughout and is | 1245888 | 55.00 | 56.00 | 1.00 | 5 | | | |
| | | | | light grey to green in color. Plagioclase feldspar in this unit | 1245889 | 56.00 | 57.00 | 1.00 | 5 | | | |
| | | | | estimated at 45%, hence lighter color. Numerous blebs of | 1245890 | 57.00 | 58.00 | 1.00 | 5 | | | |
| | | | | magnetite throughout unit and thus unit strongly magnetic. | 1245891 | 58.00 | 59.00 | 1.00 | 5 | | | |
| | | | | No HCL reaction in unit and unit of moderate hardness as it | 1245892 | 59.00 | 60.00 | 1.00 | 5 | | | |
| | | | | can be scratched with knife with effort. No significant | 1245893 | 60.00 | 61.00 | 1.00 | 5 | | | |
| | | | | quartz or quartz carb stingers in this unit. A rare epidote | 1245894 | 61.00 | 62.00 | 1.00 | 5 | | | |
| | | | | stringer or two ranging from 10 to 40 deg to CA. Overall | 1245895 | 62.00 | 63.00 | 1.00 | 5 | | | |
| | | | | a competent looking unit some slips and fractures. Minor slip | 1245896 | 63.00 | 64.00 | 1.00 | 5 | | | |
| | | | | at about 3 deg to CA from 60-60.8 & blocky broken section | 1245897 | 64.00 | 65.00 | 1.00 | 5 | | | |
| | | | | from 67.65 to 68.30, minor fault zone, upper contact 15 deg | 1245898 | 65.00 | 66.00 | 1.00 | 5 | | | |
| | | | | to CA and lower contact at 20 deg to CA. A number of | 1245899 | 66.00 | 67.00 | 1.00 | 5 | | | |
| | | | | fractures at 50 deg to CA. This unit would be described | 1245900 | 67.00 | 68.00 | 1.00 | 5 | | | |
| | | | | as having good gabbroic texture. Overall pyrite content <1/2 | 1245901 | 68.00 | 69.00 | 1.00 | 5 | | | |
| | | | | per cent but minor areas with some stringers & veins >1/2 | 1245902 | 69.00 | 70.00 | 1.00 | 5 | | | |
| | | | | percent over a few cm. Perhaps 5% pyrite from 68.5-68.6. | 1245903 | 70.00 | 71.00 | 1.00 | 5 | | | |
| | | | | Some rare patchy epidote, very localized noted in unit. | 1245904 | Blank | | | 5 | | | |
| | | | | | 1245905 | 71.00 | 72.00 | 1.00 | 5 | | | |
| | | | | Description at 70.17-76.42 | 1245906 | stdGSP7E | Batch 53 | | 703 | | | |
| | | | | Gabbro unit with mineralogical descristion as per intitial | 1245907 | 72.00 | 73.00 | 1.00 | 5 | | | |
| | | | | interval in hole. Very coarse grained to pegmatitic section | 1245908 | 73.00 | 74.00 | 1.00 | 5 | | | |
| | | | | with good gabbroic texture. Light greyish green unit, | 1245909 | 74.00 | 74.50 | 0.50 | 5 | | | |
| | | | | on the lighter colored side as plagioclase content about 45% | 1245910 | 74.50 | 75.00 | 0.50 | 5 | | | |
| | | | | Unit has numerous blebs of magnetite and is conquently | 1245911 | 75.00 | 75.50 | 0.50 | 5 | | | |
| | | | | very magnetic. Unit has no HCL reaction and is of moderate | 1245912 | 75.50 | 76.00 | 0.50 | 5 | | | |
| | | | | hardness and can be scratched with knife with effort. Rare | 1245913 | 76.00 | 76.42 | 0.42 | 5 | | | |
| | | | | quartz carb stringer noted but small quartz veinlet from | 1245914 | 76.42 | 77.00 | 0.58 | 5 | | | |
| | | | | 75.33-75.40 with contacts at 50 deg to CA. Unit is very | | | | | | | | |
| | | | | competent looking with only a few minor slips and a few | | | | | | | | |
| | | | | fractures. Slips at about 30 deg to CA and fractures at | | | | | | | | |
| | | | | 50 deg to CA. Sparse sulphide content estimate of <1/2% | | | | | | | | |
| | | | | pyrite but from 74.5 - 75.5 local pyrite patches noted, this | | | | | | | | |
| | | | | interval of a meter may have 1-2% pyrite assoc with small | | | | | | | | |
| | | | | veinlet described above. Lower contact with dyke at 55 | | | | | | | | |
| | | | | deg to CA. | | | | | | | | |
| | | | | | | | | | | | | |
| **76.42** | **79.25** | **Mafic Dyke** | **6U** | Fine to medium grained grey colored mafic dyke with minor | 1245915 | 77.00 | 78.00 | 1.00 | 5 | | | |
| | | | | biotite mica. Non magnetic unit with no HCL reaction and | 1245916 | 78.00 | 79.25 | 1.25 | 5 | | | |
| | | | | unit is of moderate hardness as it can be scratched with | | | | | | | | |
| | | | | knife. Competent unit with a rare siip or two such as at | | | | | | | | |
| | | | | 76.75 where slip at 20 deg to CA with some hematite stain. | | | | | | | | |
| | | | | A few fractures at 50-60 deg to CA. No significant veining | | | | | | | | |
| | | | | of any sort and trace pyrite. Lower contact at 25 deg to CA. | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79.25 | 107.33 | Gabbro | 6G | Description at 79.25-87.50 | | | | | | | | | |
| | | | | As per interval immediately above dyke. Still coarse grained | 1245917 | 79.25 | 80.00 | 0.75 | 5 | | | | |
| | | | | to pegmatitic with good gabbroic texture. Still a number of | 1245918 | 80.00 | 81.00 | 1.00 | 5 | | | | |
| | | | | minor slips and fractures within unit. Slips at 20 deg to CA | 1245919 | 81.00 | 82.00 | 1.00 | 5 | | | | |
| | | | | and fractures generally at 50 deg to CA or 70 deg to CA, | 1245920 | 82.00 | 83.00 | 1.00 | 5 | | | | |
| | | | | overall a competent unit. Note, from 84.60 to 86 a few | 1245921 | 83.00 | 84.00 | 1.00 | 5 | | | | |
| | | | | quartz calcite stringers and veinlets and some masking of | 1245922 | 84.00 | 84.50 | 0.50 | 5 | | | | |
| | | | | gabbroic texture from 85.40-86. All of this assoc with minor | 1245923 | 84.50 | 85.00 | 0.50 | 5 | | | | |
| | | | | slip from 85.40-85.60, slip sub parallel to CA at about 5 deg. | 1245924 | 85.00 | 85.50 | 0.50 | 5 | | | | |
| | | | | Unit is magnetic and blebs of magnetite still present. This | 1245925 | 85.50 | 86.00 | 0.50 | 5 | | | | |
| | | | | interval has no HCL reaction with the exception of the few | 1245926 | 86.00 | 87.00 | 1.00 | 5 | | | | |
| | | | | quartz carb veinlets and stringers noted. Moderate | 1245927 | 87.00 | 88.00 | 1.00 | 5 | | | | |
| | | | | hardness to unit as it can be scratched with knife with | 1245928 | 88.00 | 89.00 | 1.00 | 5 | | | | |
| | | | | some effort. | 1245929 | 89.00 | 90.00 | 1.00 | 5 | | | | |
| | | | | | 1245930 | 90.00 | 91.00 | 1.00 | 5 | | | | |
| | | | | Description at 87.50-107.33 | 1245931 | 91.00 | 92.00 | 1.00 | 5 | | | | |
| | | | | Gabbroic unit with good gabbroic texture and mineralogical | 1245932 | 92.00 | 93.00 | 1.00 | 5 | | | | |
| | | | | make up as per description in first interval for this hole. | 1245933 | 93.00 | 94.00 | 1.00 | 7 | | | | |
| | | | | First meter or so of this hole still coarse grained to | 1245934 | 94.00 | 95.00 | 1.00 | 5 | | | | |
| | | | | pegmatitic but after this grain size more like coarse to | 1245935 | 95.00 | 96.00 | 1.00 | 10 | | | | |
| | | | | medium grained. Unit is still a light greyish to greenish color | 1245936 | 96.00 | 97.00 | 1.00 | 5 | | | | |
| | | | | with a substantial plagioclase component (40%) thus unit | 1245937 | 97.00 | 98.00 | 1.00 | 5 | | | | |
| | | | | more of a lighter color. Variable magnetic response, | 1245938 | 98.00 | 99.00 | 1.00 | 5 | | | | |
| | | | | strongly magnetic to about 91.5 then interval form 91.5- | 1245939 | 99.00 | 100.00 | 1.00 | 6 | | | | |
| | | | | 101.3 that is not magnetic. Beyond 101.3 to end of interval | 1245940 | Blank | | | 7 | | | | |
| | | | | at 104.59 magnetic. Unit has no HCL reaction and again unit | 1245941 | 100.00 | 101.00 | 1.00 | 5 | | | | |
| | | | | of moderate hardnss as it can be scratched with knife with | 1245942 | stdGSP7E | Batch54 | | 818 | | | | |
| | | | | effort. Competent unit but a number of fractures generally | 1245943 | 101.00 | 102.00 | 1.00 | 5 | | | | |
| | | | | at 50 and 65 deg to CA. and a fair number of minor slips | 1245944 | 102.00 | 103.00 | 1.00 | 5 | | | | |
| | | | | generally at 20 deg to CA. No significant quartz vein or | 1245945 | 103.00 | 104.00 | 1.00 | 5 | | | | |
| | | | | stringers with the exception of small veinlet at 96.40 at 45 | 1245946 | 104.00 | 105.00 | 1.00 | 5 | | | | |
| | | | | deg to CA. A few epidote stringers noted from 89-93 m. & | 1245947 | 105.00 | 106.00 | 1.00 | 5 | | | | |
| | | | | these generally at 70-85 deg to CA. Some minor K-spar | 1245948 | 106.00 | 107.00 | 1.00 | 5 | | | | |
| | | | | noted at 97.6-98.0 and 99.7-100 within unit. Overall pyrite | 1245949 | 107.00 | 107.33 | 0.33 | 5 | | | | |
| | | | | content <1/2% and generally dissemintated pyrite. | 1245950 | 107.33 | 108.00 | 0.67 | 5 | | | | |
| | | | | | 1245951 | 108.00 | 109.00 | 1.00 | 53 | | | | |
| 107.33 | 131.42 | Diorite | 6D | Description from 107.33-122 | 1245952 | 109.00 | 110.00 | 1.00 | 5 | | | | |
| | | | | Gradational contact, diorite thought to be a phase of the | 1245953 | 110.00 | 111.00 | 1.00 | 5 | | | | |
| | | | | gabbroic unit above. Similar unit noted in hole JS1302. This | 1245954 | 111.00 | 112.00 | 1.00 | 5 | | | | |
| | | | | diorite is made up of plagioclase (up to 60%) and up 5-10% | 1245955 | 112.00 | 113.00 | 1.00 | 5 | | | | |
| | | | | K-spar, and ferro magnesium minerals also make up approx | 1245956 | 113.00 | 114.00 | 1.00 | 5 | | | | |
| | | | | 30% of unit, mainly aphiboles (hornblende?) and some | 1245957 | 114.00 | 115.00 | 1.00 | 5 | | | | |
| | | | | accessory quartz which is difficult to see. Unit is very | 1245958 | 115.00 | 116.00 | 1.00 | 5 | | | | |
| | | | | coarse grained and more of a light greyish color to greenish | 1245959 | 116.00 | 117.00 | 1.00 | 8 | | | | |
| | | | | color but leans towards light greyish due to high plag | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | content. Unit is strongly magnetic and very hard, extremely | 1245960 | 117.00 | 118.00 | 1.00 | 5 | | | | |
| | | | | difficult to scratch with knife. Unit has no HCL reaction. | 1245961 | 118.00 | 119.00 | 1.00 | 5 | | | | |
| | | | | Fairly homogeneous looking unit until last 3 m of this interval | 1245962 | 119.00 | 120.00 | 1.00 | 5 | | | | |
| | | | | where plagioclase and K-spar content drop significantly & | 1245963 | 120.00 | 121.00 | 1.00 | 5 | | | | |
| | | | | unit dominated by ferro mag minerals, some quartz present | 1245964 | 121.00 | 122.20 | 1.20 | 5 | | | | |
| | | | | in last 3 m of interval. Small fault noted at 118.60-118.90 | 1245965 | 122.20 | 122.63 | 0.43 | 5 | | | | |
| | | | | at about 5 deg to CA, some minor gouge in fault. Outside of | 1245966 | 122.63 | 123.00 | 0.37 | 5 | | | | |
| | | | | this a number of minor slips at 20 deg to CA in general, | 1245967 | 123.00 | 124.00 | 1.00 | 5 | | | | |
| | | | | some oxidized slips with red hematite noted from 117.6 to | 1245968 | 124.00 | 125.00 | 1.00 | 6 | | | | |
| | | | | 118. A number of fractures at 40 and 60 deg to CA but | 1245969 | 125.00 | 126.00 | 1.00 | 10 | | | | |
| | | | | overall a competent looking unit. No significant veining noted | 1245970 | 126.00 | 127.00 | 1.00 | 5 | | | | |
| | | | | Some minor disseminated pyrite noted, less than 1/2% | 1245971 | 127.00 | 128.00 | 1.00 | 5 | | | | |
| | | | | overall. | 1245972 | 128.00 | 129.00 | 1.00 | 5 | | | | |
| | | | | | 1245973 | 129.00 | 130.00 | 1.00 | 5 | | | | |
| | | | | Description from 122-131.42 | 1245974 | 130.00 | 131.00 | 1.00 | 5 | | | | |
| | | | | Still a diorite unit, with mineralogical description as per | 1245975 | 131.00 | 131.42 | 0.42 | 5 | | | | |
| | | | | initially described interval from 107.33-122. This particular | | | | | | | | | |
| | | | | interval is coarse to medium grained. Plagioclase content | | | | | | | | | |
| | | | | estimated at 40%, and K-spar <3% overall but sections with | | | | | | | | | |
| | | | | 15% K spar such as last meter or so above contact. Some | | | | | | | | | |
| | | | | quartz also observed, light greyish color to greenish grey. | | | | | | | | | |
| | | | | Small healed fault with calcite at 122.15-122.20 with | | | | | | | | | |
| | | | | contacts at 30 deg to CA. Below fault from 122.20-122.63 | | | | | | | | | |
| | | | | unit is bleached and finer grained and has weak HCL | | | | | | | | | |
| | | | | reaction, a series of quartz carb stringers present at 60 deg | | | | | | | | | |
| | | | | to CA. About 3-5% disseminated pyrite in this short interval | | | | | | | | | |
| | | | | assoc with stringers. Fair number minor slips generally at | | | | | | | | | |
| | | | | 20 deg to CA and a number of fractures generally 40-45 | | | | | | | | | |
| | | | | deg to CA. Two small mafic dykes noted as per description | | | | | | | | | |
| | | | | of dyke below at 128.87-129 and 129.45-129.60. Unit is | | | | | | | | | |
| | | | | very hard and difficult to scratch with knife. There is no | | | | | | | | | |
| | | | | HCL reaction outside of small area described above. | | | | | | | | | |
| | | | | Overall pyrite content in this unit estimated at appox 1/2%. | | | | | | | | | |
| | | | | Unit is magnetic with the exception of area with veining | | | | | | | | | |
| | | | | described above. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 131.42 | 132.26 | Mafic Dyke | 6U | Medium grained non-magnetic grey colored mafic dyke | 1245976 | Blank | | | 5 | | | | |
| | | | | Within mafic dyke some slightly coarser grained | 1245977 | 131.42 | 132.26 | 0.84 | 5 | | | | |
| | | | | phenocrysts (pyroxene?). Dyke in non magnetic, has no | 1245978 | stdGSP7E | Batch 55 | | 754 | | | | |
| | | | | HCL reaction and of moderate hardness. No mineralization | | | | | | | | | |
| | | | | or veining within dyke. Upper and lower contact at 50 | | | | | | | | | |
| | | | | deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 132.26 | 176.00 | Diorite | 6D | Description at 132.26 -138.85 | 1245979 | 132.26 | 133.00 | 0.74 | 5 | | | | |
| | | | | This unit is as per original description from 107.33-122 m. | 1245980 | 133.00 | 134.00 | 1.00 | 5 | | | | |
| | | | | with respect to mineralogical make up. Very coarse grained | 1245981 | 134.00 | 135.00 | 1.00 | 6 | | | | |
| | | | | light grey colored unit with variable amounts of plagioclase | 1245982 | 135.00 | 136.00 | 1.00 | 5 | | | | |
| | | | | ranging from about 30-60% of unit and variable K-spar | 1245983 | 136.00 | 137.00 | 1.00 | 5 | | | | |
| | | | | content but up to 10% locally, some quartz also noted. | 1245984 | 137.00 | 138.00 | 1.00 | 5 | | | | |
| | | | | Very blocky and broken interval with numerous slips and | 1245985 | 138.00 | 139.00 | 1.00 | 5 | | | | |
| | | | | fractures, some of which are hematite coated. Slips | 1245986 | 139.00 | 140.00 | 1.00 | 30 | | | | |
| | | | | generally at 15-20 deg to CA and fractures at about 50 deg | 1245987 | 140.00 | 141.00 | 1.00 | 5 | | | | |
| | | | | to CA in general. Very hard unit and difficult to scratch with | 1245988 | 141.00 | 142.00 | 1.00 | 5 | | | | |
| | | | | knife. Unit is strongy magnetic and has no HCL reaction. | 1245989 | 142.00 | 143.00 | 1.00 | 5 | | | | |
| | | | | No significant veining noted in unit but some pyrite | 1245990 | 143.00 | 144.00 | 1.00 | 5 | | | | |
| | | | | mineralization noted in stringers and disseminated form, | 1245991 | 144.00 | 145.00 | 1.00 | 5 | | | | |
| | | | | estimate at 1-2% | 1245992 | 145.00 | 146.00 | 1.00 | 5 | | | | |
| | | | | | 1245993 | 146.00 | 147.00 | 1.00 | 5 | | | | |
| | | | | Description 138.35-155.92 | 1245994 | 147.00 | 148.00 | 1.00 | 5 | | | | |
| | | | | Again a diroite unit with mineralogical make up as per | 1245995 | 148.00 | 149.00 | 1.00 | 5 | | | | |
| | | | | description as described above from 107.33-122. Mostly | 1245996 | 149.00 | 150.00 | 1.00 | 5 | | | | |
| | | | | a coarser grained unit with a more medium grained section | 1245997 | 150.00 | 151.00 | 1.00 | 7 | | | | |
| | | | | from 147-149 meters. Still a very high plagioclase content | 1245998 | 151.00 | 152.00 | 1.00 | 5 | | | | |
| | | | | of about 50% and K-spar content 5-7% initially, below | 1245999 | 152.00 | 153.00 | 1.00 | 5 | | | | |
| | | | | 147 meters less plagioclase and more spotty K-spar, ferro | 1246000 | 153.00 | 154.00 | 1.00 | 5 | | | | |
| | | | | mag minerals more dominant in latter part of interval. Strong | 1139001 | 154.00 | 155.00 | 1.00 | 5 | | | | |
| | | | | magnetic response throughout except between 147-148 m | 1139002 | 155.00 | 156.00 | 1.00 | 7 | | | | |
| | | | | where unit is non magnetic. Unit has a light grey to green | | | | | | | | | |
| | | | | color depending on plagioclase content, more light grey | | | | | | | | | |
| | | | | when high plagioclase content. A minor quartz carb veins | | | | | | | | | |
| | | | | noted at 139.58-139.62 and 139.70-139.74 both at 40 deg to | | | | | | | | | |
| | | | | CA. Fairly broken and blocky unit with numerous minor slips | | | | | | | | | |
| | | | | and fractures. In general slips at 20-30 deg to CA and | | | | | | | | | |
| | | | | fractures at about 40 deg to CA. A number of these slips | | | | | | | | | |
| | | | | and fractures have a hematite staining. Unit has no HCL | | | | | | | | | |
| | | | | reaction and unit considered hard as difficult to scratch. | | | | | | | | | |
| | | | | Minor pyrite, estimated content 1/2% overall. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 155.92-176.00 EOH | 1139003 | 156.00 | 157.00 | 1.00 | 102 | | | | |
| | | | | A diorite unit with mineralogical make up as per description | 1139004 | 157.00 | 158.00 | 1.00 | 5 | | | | |
| | | | | from 107.33-122. This interval is coarse grained to very | 1139005 | 158.00 | 159.00 | 1.00 | 5 | | | | |
| | | | | coarse grained in some intstances in last few meters of | 1139006 | 159.00 | 160.00 | 1.00 | 5 | | | | |
| | | | | interval aproaching pegamtitic. The minralogical make up | 1139007 | 160.00 | 161.00 | 1.00 | 11 | | | | |
| | | | | of unit is dominated by plagiclase 65+%. Patchy sections | 1139008 | 161.00 | 162.00 | 1.00 | 7 | | | | |
| | | | | with 5%+ K-spar and other sections with K-spar sprinked | 1139009 | 162.00 | 163.00 | 1.00 | 5 | | | | |
| | | | | about locally.On fresh surface light greyish green color but | 1139010 | 163.00 | 164.00 | 1.00 | 9 | | | | |
| | | | | leaning towards light greyish due to plagioclase content. | 1139011 | 164.00 | 165.00 | 1.00 | 6 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Brittle fault zone with numerous fractures & blocky broken | 1139012 | Blank | | | 5 | | | | |
| | | | | core from 157.3- 157.8 with upper contact at 25 deg to CA. | 1139013 | 165.00 | 166.00 | 1.00 | 5 | | | | |
| | | | | Lower contact at 30 deg to CA. Fairly numerous minor | 1139014 | stdGSP7E | | | 770 | | | | |
| | | | | slip as well as numerous fractures throughout unit. Slips | 1139015 | 166.00 | 167.00 | 1.00 | 5 | | | | |
| | | | | generally 20-30 deg to CA and fractures at 50 deg to CA. | 1139016 | 167.00 | 168.00 | 1.00 | 5 | | | | |
| | | | | A few minor quartz calcite veinlets and stringers such as | 1139017 | 168.00 | 169.00 | 1.00 | 5 | | | | |
| | | | | at 162.1, 165.05, 165.60,166.15, and 167.5, these stringers/ | 1139018 | 169.00 | 170.00 | 1.00 | 5 | | | | |
| | | | | veinlets generally less than 2cm and often assoc with | 1139019 | 170.00 | 171.00 | 1.00 | 5 | | | | |
| | | | | some pyrite. Last stringer at 167.5 exception at about 4cm | 1139020 | 171.00 | 172.00 | 1.00 | 5 | | | | |
| | | | | and oriented at 50 deg to CA. Very hard unit that is difficult | 1139021 | 172.00 | 173.00 | 1.00 | 8 | | | | |
| | | | | to scratch with knife. Unit is strongly magnetic and no | 1139022 | 173.00 | 174.00 | 1.00 | 5 | | | | |
| | | | | HCL reaction in unit. Some pyrite noted is unit in stringers, | 1139023 | 174.00 | 175.00 | 1.00 | 5 | | | | |
| | | | | clots, and disseminated form, estimated at 1% pyrite. | 1139024 | 175.00 | 176.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |
| | | | | EOH 176 m. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Down Hole Tests | | | | | | | | | |
| | | | | Depth:006 m Az:134.5 Dip:-49.3 | | | | | | | | | |
| | | | | Depth:085 m Az:130.3 Dip:-46.4 | | | | | | | | | |
| | | | | Depth:176 m Az:143.0 Dip:-43.5 | | | | | | | | | |

# SGX RESOURCES

**Prospect: IP Target North of Shaft** | **Grid Location: L0 ST475N** | **Drill Company:**
**DDH: JS1307** | **Azimuth/Dip: 315/-45** | **UTM:559950E 5336500N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L522692** | **EOH:176m.** | **Date Started: 3/23/2013 Date Finished: 3/27/2013** | K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 26.28 | Diabase | 8U | Description from 0-16.43 | | | | | | | | | |
| | | | | This was a bedrock set up and hence no casing. Unit is | | | | | | | | | |
| | | | | grey in color and medium grained initially but becomes | | | | | | | | | |
| | | | | strongly hematite altered from 1.75 to 9.40. | | | | | | | | | |
| | | | | From a mineralogical persepctive appears to be | | | | | | | | | |
| | | | | made up plagioclase and ferro mag minerals with ferro | | | | | | | | | |
| | | | | mag minerals dominant. Where altered to hematite classic | | | | | | | | | |
| | | | | reddish color. Variable magnetic response & no HCL | | | | | | | | | |
| | | | | reaction; unit is of moderate hardness & can be scratched | | | | | | | | | |
| | | | | with knife with effort. No significant veining, couple minor | | | | | | | | | |
| | | | | quartz carb stringers at 2.70 and 2.90 m. A couple of large | | | | | | | | | |
| | | | | volcanic rafts of dacite noted from 4.05-7.55, & 9-10.45. | | | | | | | | | |
| | | | | Where first raft of volcanic noted, possible fault zone as | | | | | | | | | |
| | | | | this section is broken rubble, with ground contacts. | | | | | | | | | |
| | | | | Numerous fractures and minor slips from below fault (4.05 | | | | | | | | | |
| | | | | to 7.55) to about 12 m. Generally fractures in this interval | | | | | | | | | |
| | | | | at 40 deg to CA and slips at about 20 deg to CA. | | | | | | | | | |
| | | | | Estimate of 1/2 to 1% disseminated pyrite. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 16.43-26.28 | | | | | | | | | |
| | | | | Interval similar to unit above. Medium grained grey colored | | | | | | | | | |
| | | | | diabase with some plagioclase and ferro mag minerals, | | | | | | | | | |
| | | | | ferrro mags dominant mineral. | | | | | | | | | |
| | | | | Significant fault zone from 21-23.70 m. Both up and lower | | | | | | | | | |
| | | | | contacts at about 5 deg to CA and fairly broken and | | | | | | | | | |
| | | | | blocky material for entire section of fault. Again outside of | | | | | | | | | |
| | | | | fault some minor slips & fractures but generally competent | | | | | | | | | |
| | | | | outside of fault. Fractures in general in this unit at 40-50 | | | | | | | | | |
| | | | | deg to CA. and slips at 20 deg to CA. For the most part | | | | | | | | | |
| | | | | magnetic, unalterd and has no reaction to HCL. It is of | | | | | | | | | |
| | | | | moderate hardness and can be scratched with a knife with | | | | | | | | | |
| | | | | effort. There is about 1/2-1% disseminated pyrite. No | 1139025 | 24.00 | 25.00 | 1.00 | 5 | | | | |
| | | | | sigificant veining noted. Lower contact at 45 deg to CA. | 1139026 | 25.00 | 26.28 | 1.28 | 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26.28 | 176.00 | Dacite | 3D | Description from 26.28-35.84 | 1139027 | 26.28 | 27.00 | 0.72 | 5 | | | | |
| | | | | Light grey aphanitic silicious looking rock with variable | 1139028 | 27.00 | 28.00 | 1.00 | 5 | | | | |
| | | | | hardness from moderate to hard as in some instances | 1139029 | 28.00 | 29.00 | 1.00 | 9 | | | | |
| | | | | can be scratched with knife and other times extremely | 1139030 | 29.00 | 30.00 | 1.00 | 5 | | | | |
| | | | | difficult. No HCL reaction and unit is non magnetic. Zone of | 1139031 | 30.00 | 31.00 | 1.00 | 5 | | | | |
| | | | | broken core starting just below contact at 26.35-33.10, | 1139032 | 31.00 | 32.00 | 1.00 | 5 | | | | |
| | | | | fault zone. Upper contact at 5 deg to CA. at 32.7 with | 1139033 | 32.00 | 33.00 | 1.00 | 5 | | | | |
| | | | | contact at 30 deg to CA. Outside of fault zone fairly | 1139034 | 33.00 | 34.00 | 1.00 | 5 | | | | |
| | | | | competent unit with a few fractures at 70 deg to CA. One | 1139035 | 34.00 | 35.00 | 1.00 | 5 | | | | |
| | | | | minor quartz stringer/clot with some sulphides noted at | 1139036 | 35.00 | 36.00 | 1.00 | 9 | | | | |
| | | | | 35.33 This unit has patchy pyrite in clots, stringers & some | 1139037 | 36.00 | 37.00 | 1.00 | 6 | | | | |
| | | | | disseminated pyrite but overall estimate of 1-2% over entire | 1139038 | 37.00 | 38.00 | 1.00 | 5 | | | | |
| | | | | interval. | 1139039 | 38.00 | 39.00 | 1.00 | 5 | | | | |
| | | | | | 1139040 | 39.00 | 40.00 | 1.00 | 5 | | | | |
| | | | | Description from 35.84-47.86 | 1139041 | 40.00 | 41.00 | 1.00 | 8 | | | | |
| | | | | Again a light grey aphanitic, massive silicious looking unit of | 1139042 | 41.00 | 42.00 | 1.00 | 5 | | | | |
| | | | | moderate hardness for most part but certain sections | 1139043 | 42.00 | 43.00 | 1.00 | 8 | | | | |
| | | | | extremely difficult to scratch with knife and harder. | 1139044 | 43.00 | 44.00 | 1.00 | 9 | | | | |
| | | | | Small fault zones present from 35.90-36.50 with upper | 1139045 | 44.00 | 45.00 | 1.00 | 9 | | | | |
| | | | | contact at 5 deg to CA at 50 deg to CA. and 41.45-42.60; | 1139046 | 45.00 | 45.50 | 0.50 | 9 | | | | |
| | | | | upper contact t 30 deg to CA and lower contact ground. | 1139047 | 45.50 | 46.00 | 0.50 | 12 | | | | |
| | | | | Outside of fault zones still a number of minor of slips and | 1139048 | Blank | | | 5 | | | | |
| | | | | fractures noted. Fractures generally at 50 deg to CA and | 1139049 | 46.00 | 46.50 | 0.50 | 10 | | | | |
| | | | | slips 20 deg to CA. Estimate of 2% pyrite again through | 1139050 | stdGSP7E | batch 57 | | 740 | | | | |
| | | | | interval in clots, tiny stringers and disseminated form. Below | 1139051 | 46.50 | 47.00 | 0.50 | 17 | | | | |
| | | | | 45 m to 47.86 perhaps slightly more pyrite some epidote | 1139052 | 47.00 | 47.50 | 0.50 | 16 | | | | |
| | | | | alteration, patchy and localized and also some maroon | 1139053 | 47.50 | 48.00 | 0.50 | 11 | | | | |
| | | | | colored alteration (hematite??) & a few rare quartz veinlets | 1139054 | 48.00 | 48.50 | 0.50 | 5 | | | | |
| | | | | noted in this latter section such as at 46-46.05 at 60 deg to | 1139055 | 48.50 | 49.00 | 0.50 | 27 | | | | |
| | | | | CA. This unit is non magnetic except for certain setions of | 1139056 | 49.00 | 49.50 | 0.50 | 6 | | | | |
| | | | | last few meters that are maroon colored. Unit has no HCL | 1139057 | 49.50 | 50.00 | 0.50 | 5 | | | | |
| | | | | reaction. | 1139058 | 50.00 | 50.50 | 0.50 | 7 | | | | |
| | | | | | 1139059 | 50.50 | 51.00 | 0.50 | 7 | | | | |
| | | | | Description 47.86-64.92 | 1139060 | 51.00 | 51.50 | 0.50 | 5 | | | | |
| | | | | A light grey fine grained to aphanitic massive looking unit, | 1139061 | 51.50 | 52.00 | 0.50 | 8 | | | | |
| | | | | not as silicious as section immediately above. Hardness | 1139062 | 52.00 | 53.00 | 1.00 | 9 | | | | |
| | | | | variable from moderate to hard, certain sections difficult to | 1139063 | 53.00 | 54.00 | 1.00 | 8 | | | | |
| | | | | scratch and others can be scratched with some effort. As | 1139064 | 54.00 | 55.00 | 1.00 | 8 | | | | |
| | | | | per last few meters of last interval, a section of unit that | 1139065 | 55.00 | 56.00 | 1.00 | 14 | | | | |
| | | | | has patches of maroon colored alteration (47.86-52) | 1139066 | 56.00 | 57.00 | 1.00 | 6 | | | | |
| | | | | This area with altered patches is fairly hard and more | 1139067 | 57.00 | 58.00 | 1.00 | 7 | | | | |
| | | | | silicious. The section also has some epidote stingers and | 1139068 | 58.00 | 59.00 | 1.00 | 11 | | | | |
| | | | | minor quartz stringers(rare); section also has fair amount | 1139069 | 59.00 | 60.00 | 1.00 | 7 | | | | |
| | | | | of disseminated pyrite & stringers, estimated 3-4% pyrite. | 1139070 | 60.00 | 61.00 | 1.00 | 21 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | In general unit is non-magnetic but maroon altered sections | 1139071 | 61.00 | 62.00 | 1.00 | 8 | | | | |
| | | | | in particular are magnetic. No HCL reaction. No signiicant | 1139072 | 62.00 | 63.00 | 1.00 | 8 | | | | |
| | | | | veining below 52 m with the exception of a few veins from | 1139073 | 63.00 | 64.00 | 1.00 | 8 | | | | |
| | | | | 64 to 64.4 with some pyrite in them and oriented 40 deg to | 1139074 | 64.00 | 64.40 | 0.40 | 13 | | | | |
| | | | | CA. Overall pyrite content below 52 m estimated at 2-3% | 1139075 | 64.40 | 65.00 | 0.60 | 8 | | | | |
| | | | | in disseminated and stringer form. Brittle fault zone noted | 1139076 | 65.00 | 65.50 | 0.50 | 9 | | | | |
| | | | | with ground broken contact from 58.10-59.10. Some | 1139077 | 65.50 | 66.00 | 0.50 | 9 | | | | |
| | | | | hematite noted on section of blocky broken core within | 1139078 | 66.00 | 66.50 | 0.50 | 13 | | | | |
| | | | | fault zone. At 55.75-56.06 fault zone with upper contact & | 1139079 | 66.50 | 67.00 | 0.50 | 5 | | | | |
| | | | | lower contact at 40 and 30 deg to CA respectively.Outside | 1139080 | 67.00 | 68.00 | 1.00 | 10 | | | | |
| | | | | of fault zones fairly competent unit with a few fractures | 1139081 | 68.00 | 69.00 | 1.00 | 11 | | | | |
| | | | | generally at 35-45 deg to CA and some minor slips at 15-20 | 1139082 | 69.00 | 70.00 | 1.00 | 12 | | | | |
| | | | | deg to CA. | 1139083 | 70.00 | 71.00 | 1.00 | 9 | | | | |
| | | | | | 1139084 | Blank | | | 6 | | | | |
| | | | | Description 64.92-82.30 | 1139085 | 71.00 | 72.00 | 1.00 | 22 | | | | |
| | | | | Again a light grey fine grained to aphanitic massive unit that | 1139086 | stdGSP7E | batch 58 | | 733 | | | | |
| | | | | is of moderate hardness to about 69 and then fairly hard | 1139087 | 72.00 | 73.00 | 1.00 | 5 | | | | |
| | | | | & more silicious in appearance beyond 69 m. Very difficult | 1139088 | 73.00 | 74.00 | 1.00 | 5 | | | | |
| | | | | to scratch with knife beyond 69m. Below 69-82.3 | 1139089 | 74.00 | 75.00 | 1.00 | 5 | | | | |
| | | | | sporadic sections of maroon colored dacite (hematite? Alt.) | 1139090 | 75.00 | 76.00 | 1.00 | 5 | | | | |
| | | | | Small minor fault zone at 66.50-66.80., upper contact | 1139091 | 76.00 | 77.00 | 1.00 | 5 | | | | |
| | | | | at 30 deg to CA and lower contact ground, some hematite | 1139092 | 77.00 | 78.00 | 1.00 | 5 | | | | |
| | | | | on upper contact. Outside of this one fault very competent | 1139093 | 78.00 | 79.00 | 1.00 | 5 | | | | |
| | | | | interval with a few minor slips generally at 30 deg to CA | 1139094 | 79.00 | 79.98 | 0.98 | 5 | | | | |
| | | | | and a few fractures generally at 50 deg to CA. From 65 - | 1139095 | 79.98 | 80.33 | 0.35 | 5 | | | | |
| | | | | 66.50 numerous quartz stringers associated with some | 1139096 | 80.33 | 81.00 | 0.67 | 5 | | | | |
| | | | | epidote on salvages, generally stringers at 55 deg to CA | 1139097 | 81.00 | 82.00 | 1.00 | 5 | | | | |
| | | | | and these make up about 10-15% of interval. Outside of | 1139098 | 82.00 | 83.00 | 1.00 | 5 | | | | |
| | | | | this small quartz carb vein from 77.70-77.80 at 40 deg to | | | | | | | | | |
| | | | | CA; also quartz carb vein at 79.25-79.40 at 20 deg to CA. | | | | | | | | | |
| | | | | Outside of documented quartz and quartz carb very little | | | | | | | | | |
| | | | | in significant veining. For the most part non-magnetic unit | | | | | | | | | |
| | | | | but minor portions of sections that are maroon colored mav | | | | | | | | | |
| | | | | have a response. Unit does not respond to HCL. Fairly | | | | | | | | | |
| | | | | signicicant sulphide content. Estimate of 3-4% pyrite in | | | | | | | | | |
| | | | | unit in stringers, clots and disseminated form. Occassional | | | | | | | | | |
| | | | | pyrrhoite noted also in association with pyrite. Note, | | | | | | | | | |
| | | | | section of silcia/carb flooding from 79.98-80.33. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 82.30-99.38 | 1139099 | 83.00 | 84.00 | 1.00 | 5 | | | | |
| | | | | Again light grey colored massive fine grained to aphanitic | 1139100 | 84.00 | 85.00 | 1.00 | 5 | | | | |
| | | | | dacite unit. The unit is of variable hardness; moderate | 1139101 | 85.00 | 86.00 | 1.00 | 5 | | | | |
| | | | | to very hard, obviously very hard sections almost | 1139102 | 86.00 | 87.00 | 1.00 | 8 | | | | |
| | | | | impossible to scratch with knife. Harder sections appear | 1139103 | 87.00 | 88.00 | 1.00 | 8 | | | | |
| | | | | more silicious. Unit has no response to magnet and no | 1139104 | 88.00 | 89.00 | 1.00 | 7 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | response to HCL (some cross cutting quartz carb veinlets | 1139105 | 89.00 | 90.00 | 1.00 | 5 | | | | |
| | | | | respond). A small fault noted from 88.20-88.50 with upper | 1139106 | 90.00 | 91.00 | 1.00 | 5 | | | | |
| | | | | contact 20 deg to CA and lower contact 20 deg to CA. | 1139107 | 91.00 | 92.00 | 1.00 | 5 | | | | |
| | | | | Outside of this one fault fairly competent interval with a | 1139108 | 92.00 | 93.00 | 1.00 | 5 | | | | |
| | | | | few minor slips at 20 deg to CA in general and a few | 1139109 | 93.00 | 94.00 | 1.00 | 5 | | | | |
| | | | | fractures at 50 deg to CA generally. Some stringer quartz | 1139110 | 94.00 | 95.00 | 1.00 | 5 | | | | |
| | | | | carb intervals noted such as at 89.3-90, and 93-95 m. | 1139111 | 95.00 | 96.00 | 1.00 | 5 | | | | |
| | | | | Within 2nd interval a qtz carb veinlet noted at 93.35-93.38 | 1139112 | 96.00 | 97.00 | 1.00 | 7 | | | | |
| | | | | at 20 deg to CA and 2nd one at 94.70-94.79 at 40 deg to CA | 1139113 | 97.00 | 98.00 | 1.00 | 5 | | | | |
| | | | | Also, some small veinlets from 87-88 m. such as at 87.54 | 1139114 | 98.00 | 99.00 | 1.00 | 5 | | | | |
| | | | | to 87.59 at 40 deg to CA; 2nd veinlet subparallel to CA. | 1139115 | 99.00 | 99.50 | 0.50 | 11 | | | | |
| | | | | Some minor epidote present in unit usually along salvages | 1139116 | 99.50 | 100.00 | 0.50 | 23 | | | | |
| | | | | of quartz carb stringers. A minor section of this unit has | 1139117 | 100.00 | 101.00 | 1.00 | 5 | | | | |
| | | | | maroon color (hematite alt?) from 82.30-84. Distinctly less | 1139118 | 101.00 | 102.00 | 1.00 | 42 | | | | |
| | | | | pyrite than previous sections, estimate of about 1/2%. | 1139119 | 102.00 | 103.00 | 1.00 | 5 | | | | |
| | | | | | 1139120 | Blank | | | 5 | | | | |
| | | | | Description 99.38-116.13 | 1139121 | 103.00 | 104.00 | 1.00 | 7 | | | | |
| | | | | Unit is again light grey colored, massive & fine grained to | 1139122 | stdGS1J | Batch59 | | 763 | | | | |
| | | | | aphanitic. Unit of variable hardness but for most part of | 1139123 | 104.00 | 105.00 | 1.00 | 5 | | | | |
| | | | | moderated hardness and can be scratched with knife with | 1139124 | 105.00 | 106.00 | 1.00 | 5 | | | | |
| | | | | effort. Distinct fault zone with extensive gouge from | 1139125 | 106.00 | 107.00 | 1.00 | 5 | | | | |
| | | | | 106-106.25. Upper contact 50 deg to CA., lower contact | 1139126 | 107.00 | 108.00 | 1.00 | 5 | | | | |
| | | | | ground. Note, 2nd large fault with very blocky broken | 1139127 | 108.00 | 109.00 | 1.00 | 5 | | | | |
| | | | | ground starting at 113.33 (contact 30 deg to CA) and | 1139128 | 109.00 | 110.00 | 1.00 | 5 | | | | |
| | | | | extending well beyond this interval to 119 m. Outside of | 1139129 | 110.00 | 111.00 | 1.00 | 5 | | | | |
| | | | | fault zones generally a competent unit with a few fractures | 1139130 | 111.00 | 112.00 | 1.00 | 5 | | | | |
| | | | | at35 and 60 deg to CA. Quartz vein at 99.57-99.87 with | 1139131 | 112.00 | 113.00 | 1.00 | 5 | | | | |
| | | | | both contacts at 20 deg to CA. Numerous quartz carb | 1139132 | 113.00 | 114.00 | 1.00 | 12 | | | | |
| | | | | stringers and clots at various orientations from 103-106. | 1139133 | 114.00 | 115.00 | 1.00 | 9 | | | | |
| | | | | Within fault zone from 114 to 116.13 some maroon color | 1139134 | 115.00 | 116.00 | 1.00 | 5 | | | | |
| | | | | and more silicified look to core, maroon color hematite? | 1139135 | 116.00 | 117.00 | 1.00 | 5 | | | | |
| | | | | Some shear fabric noted within fault zone at 30 deg to CA | 1139136 | 117.00 | 118.00 | 1.00 | 5 | | | | |
| | | | | from 114-116, better developed fabric in certain sections. | 1139137 | 118.00 | 119.00 | 1.00 | 5 | | | | |
| | | | | Non magnetic unit to about 108 meters but below 108 | 1139138 | 119.00 | 120.00 | 1.00 | 5 | | | | |
| | | | | unit is magnetic. No HCL reaction noted. Pyrite content | 1139139 | 120.00 | 121.00 | 1.00 | 5 | | | | |
| | | | | again at 1/2% approximately. | 1139140 | 121.00 | 122.00 | 1.00 | 8 | | | | |
| | | | | | 1139141 | 122.00 | 123.00 | 1.00 | 5 | | | | |
| | | | | Description from 116.13-132.20 | 1139142 | 123.00 | 124.00 | 1.00 | 5 | | | | |
| | | | | Fault zone described above (113 to 119 m) continues into | 1139143 | 124.00 | 125.00 | 1.00 | 5 | | | | |
| | | | | initial part of this interval, still extremely broken and blocky | 1139144 | 125.00 | 126.00 | 1.00 | 5 | | | | |
| | | | | with some hematite stain on numerous fracture faces. | 1139145 | 126.00 | 127.00 | 1.00 | 5 | | | | |
| | | | | Again distictly harder unit within fault and more silicious | 1139146 | 127.00 | 128.00 | 1.00 | 5 | | | | |
| | | | | in appearnace. Also, significant epdiote stringers within | 1139147 | 128.00 | 129.00 | 1.00 | 7 | | | | |
| | | | | fault zone. Lower contact of fault at 40 deg to CA. | 1139148 | 129.00 | 130.00 | 1.00 | 14 | | | | |
| | | | | As in fault zone and below a grey fine grained to aphanitic | 1139149 | 130.00 | 130.50 | 0.50 | 14 | | | | |
| | | | | unit that is massive in appearance. Unit is of variable | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | hardness moderate to hard and can be scratched with a | 1139150 | 130.50 | 131.00 | 0.50 | 9 | | | | |
| | | | | knife with an effort. Distinctly non-magnetic within large | 1139151 | 131.00 | 132.00 | 1.00 | 5 | | | | |
| | | | | fault zone described within current interval & variable | 1139152 | 132.00 | 133.00 | 1.00 | 5 | | | | |
| | | | | magnetic response in rest of interval. No response to HCL. | 1139153 | 133.00 | 134.00 | 1.00 | 5 | | | | |
| | | | | A second fault zone at 126-126.40, upper contact 40 deg to | | | | | | | | | |
| | | | | CA and lower contact 10 deg to CA, outside of this fault | | | | | | | | | |
| | | | | numerous secondary slips for 1 meter or so each side at | | | | | | | | | |
| | | | | 30 deg to CA. Unit in general has a number of fractures as | | | | | | | | | |
| | | | | well and these generally oriented at 40 deg to CA. | | | | | | | | | |
| | | | | A small quartz carb from 130.73-130.80 and silica flooding | | | | | | | | | |
| | | | | and a few odd stringers of quartz carb prior to vein fro | | | | | | | | | |
| | | | | 130.5 to 130.73; vein oriented 45 deg to CA. Outside of this | | | | | | | | | |
| | | | | vein just described there are no notable stringers or veinlets | | | | | | | | | |
| | | | | From 129 -132.20 distinct increase in hardness and silica | | | | | | | | | |
| | | | | content and some shear fabric noted locally at 40 deg to | | | | | | | | | |
| | | | | CA but weak; also distinct increase in epidote clots & | | | | | | | | | |
| | | | | stringers in this last section. Spotty sections with pyrite | | | | | | | | | |
| | | | | but overall about 1/2%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 132.20-148.60 | | | | | | | | | |
| | | | | Light grey, fine grained to aphanitic massive unit. Unit is | 1139154 | 134.00 | 135.00 | 1.00 | 5 | | | | |
| | | | | of moderated hardness and can be scratched with a knife | 1139155 | 135.00 | 135.70 | 0.70 | 5 | | | | |
| | | | | with some effort. Some minor section of bleached silcia | 1139156 | Blank | | | 5 | | | | |
| | | | | flooded sections sometimes maroon colored over 10's of cm | 1139157 | 135.70 | 136.00 | 0.30 | 5 | | | | |
| | | | | Sigificant fault zone from 140 to 140.4 with substantial | 1139158 | stdGSP7E | | | 779 | | | | |
| | | | | gouge, upper contact 30 deg to CA., lower contact 30 deg | 1139159 | 136.00 | 137.00 | 1.00 | 5 | | | | |
| | | | | to CA.; section within fault badly broken up. Outside of this | 1139160 | 137.00 | 138.00 | 1.00 | 34 | | | | |
| | | | | fault a few significant brittle slips/minor fault at 137.9 to | 1139161 | 138.00 | 139.00 | 1.00 | 5 | | | | |
| | | | | 138.25 at 15 deg to CA. For the most part this interval is | 1139162 | 139.00 | 140.00 | 1.00 | 5 | | | | |
| | | | | reasonably competent with a few other minor slips | 1139163 | 140.00 | 141.00 | 1.00 | 19 | | | | |
| | | | | generally at 20 deg to CA and fractures at about 50 deg | 1139164 | 141.00 | 142.20 | 1.20 | 13 | | | | |
| | | | | to CA in general. Section with some bleaching and silica | 1139165 | 142.20 | 142.60 | 0.40 | 5 | | | | |
| | | | | flooding with a few minor quartz carb stringers and veinlets | 1139166 | 142.60 | 143.00 | 0.40 | 5 | | | | |
| | | | | from 135.70-137.60. Also section of quartz flooding from | 1139167 | 143.00 | 144.00 | 1.00 | 5 | | | | |
| | | | | 143.30-143.60 with some maroon colored alteration, small | 1139168 | 144.00 | 145.00 | 1.00 | 5 | | | | |
| | | | | quartz stringer at 143.6 1cm wide. At 142.40-142.60 | 1139169 | 145.00 | 146.00 | 1.00 | 5 | | | | |
| | | | | there is a small shear at 50 deg to CA. Some quartz | 1139170 | 146.00 | 147.00 | 1.00 | 5 | | | | |
| | | | | stringers in the shear. This unit in non-mangnetic and has | 1139171 | 147.00 | 148.00 | 1.00 | 5 | | | | |
| | | | | no HCL response. Very little in the way of mineralization | 1139172 | 148.00 | 149.00 | 1.00 | 5 | | | | |
| | | | | estimate <1/2% but a few clost of pyrite note at 141 for | | | | | | | | | |
| | | | | 5cm on each side of 141. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 148.60 to 165.85 | 1139173 | 149.00 | 150.00 | 1.00 | 5 | | | | |
| | | | | Again light grey massive unit that is fine grained to | 1139174 | 150.00 | 151.00 | 1.00 | 5 | | | | |
| | | | | aphantitic. Unit of moderate hardness again and can be | 1139175 | 151.00 | 152.00 | 1.00 | 5 | | | | |
| | | | | scratched with knife with some effort. Certain minor | 1139176 | 152.00 | 153.00 | 1.00 | 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | sections over 10's of cm where there is some silica flooding | 1139177 | 153.00 | 154.00 | 1.00 | 5 | | | | |
| | | | | and unit is much harder. Occassionaly some maroon | 1139178 | 154.00 | 155.00 | 1.00 | 5 | | | | |
| | | | | colored alteration (hematite?) in silica flooded sections such | 1139179 | 155.00 | 156.00 | 1.00 | 5 | | | | |
| | | | | as at 158.55-159.07. Very competent interval but still a | 1139180 | 156.00 | 157.00 | 1.00 | 5 | | | | |
| | | | | number of slips at 30 deg to CA generally and a number of | 1139181 | 157.00 | 158.00 | 1.00 | 5 | | | | |
| | | | | fractures at 45 deg to CA. Fair number of wispy qtz carb | 1139182 | 158.00 | 159.00 | 1.00 | 5 | | | | |
| | | | | stringers throughout unit sporadically distributed, some | 1139183 | 159.00 | 160.00 | 1.00 | 5 | | | | |
| | | | | distinctly oriented at 30 deg to CA and others more random | 1139184 | 160.00 | 161.00 | 1.00 | 5 | | | | |
| | | | | orientation. Some of these stringers may contain some | 1139185 | 161.00 | 162.00 | 1.00 | 5 | | | | |
| | | | | K-spar. Unit is distinctly non magnetic and no HCL reaction. | 1139186 | 162.00 | 163.00 | 1.00 | 5 | | | | |
| | | | | Minimal sulphides, trace -1/2% pyrite | 1139187 | 163.00 | 164.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 165.85-176.00 | 1139188 | 164.00 | 165.00 | 1.00 | 5 | | | | |
| | | | | Light grey, massive unit that is again fine grained | 1139189 | 165.00 | 166.00 | 1.00 | 5 | | | | |
| | | | | to aphanitic. Variable hardness to unit as sections with | 1139190 | 166.00 | 167.00 | 1.00 | 5 | | | | |
| | | | | weak but pervasive silica flooding , some with a weak | 1139191 | 167.00 | 168.00 | 1.00 | 5 | | | | |
| | | | | maroon color (hemtite alt?). Section that is more less | 1139192 | Blank | | | 5 | | | | |
| | | | | unaltered from 170.5-173.5. A few minor faults/slips that | 1139193 | 168.00 | 169.00 | 1.00 | 5 | | | | |
| | | | | are brittle with some blocky core note at 170.5-170.6,173.45 | 1139194 | stdGSP7E | | | 744 | | | | |
| | | | | to 173.55 with upper and lower contacts at 30 deg to CA | 1139195 | 169.00 | 170.00 | 1.00 | 5 | | | | |
| | | | | for first fault. Second fault, upper contact 35 deg to CA and | 1139196 | 170.00 | 171.00 | 1.00 | 34 | | | | |
| | | | | lower contact at 30 deg to CA. Fair number of minor slips | 1139197 | 171.00 | 172.00 | 1.00 | 5 | | | | |
| | | | | in this interval at 30 deg to CA and a few fractures at 45 | 1139198 | 172.00 | 173.00 | 1.00 | 5 | | | | |
| | | | | deg to CA generally. Minor healed fault with breccia at | 1139199 | 173.00 | 174.00 | 1.00 | 8 | | | | |
| | | | | 175.80-175.85 at 30 deg to CA. No significant quartz or | 1139200 | 174.00 | 175.00 | 1.00 | 6 | | | | |
| | | | | quartz carb veinlets a few very minor stringers noted. No | 1139201 | Blank | | | 5 | | | | |
| | | | | significant pyrite, trace perhaps. No HCL reaction in unit & | 1139202 | 175.00 | 176.00 | 1.00 | 6 | | | | |
| | | | | non magnetic. | 1139203 | stdGSP7E | | | 762 | | | | |
| | | | | EOH 176 | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Downhole Tests | | | | | | | | | |
| | | | | Depth:006 m. Az:316.40 Dip:-45 | | | | | | | | | |
| | | | | Depth:085 m. Az:317.50 Dip:-45 | | | | | | | | | |
| | | | | Depth:176 m. Az:343.70 Dip:-45 (Bad Test) | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Hole stored at SGX facilities in Timmins Ontario. | | | | | | | | | |
| | | | | | | | | | | | | | |

# SGX RESOURCES

**Prospect:** IP Target NE of Shaft
**DDH:** JS1308
**Grid:** Grenfell
**CLAIM:** L522687
**Azimuth/Dip:** 135/-45
**Tests:** see last page
**EOH:** 176m.
**Grid Location:** L489E ST125N
**UTM:** 560530E 5336635N Nad 83 Zone 17
**Date Started:** 3/11/2013 **Date Finished:** 3/17/2013
**Drill Company:** Forage MG Inc.
**Logged by:** K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 1.40 | Casing | CAS | Note, casing left in hole. | | | | | | | | | |
| 1.40 | 16.15 | Gabbro | 6G | In general gabbros on property grey green colored and | 1245641 | 1.40 | 2.00 | 0.60 | 5 | | | | |
| | | | | comprised of a greenish mineral thought to be hornblende | 1245642 | 2.00 | 3.00 | 1.00 | 5 | | | | |
| | | | | and a hard black mineral being a pyroxene (likely augite) & | 1245643 | 3.00 | 4.00 | 1.00 | 5 | | | | |
| | | | | plagioclase feldspar. Feldspar may make make up 30-50% | 1245644 | 4.00 | 5.00 | 1.00 | 5 | | | | |
| | | | | of unit with ferro-mag minerals ranging from 50-70% with | 1245645 | 5.00 | 6.00 | 1.00 | 5 | | | | |
| | | | | greenish amphibole (hornblende) being dominant. Minor | 1245646 | 6.00 | 7.00 | 1.00 | 5 | | | | |
| | | | | accessory quartz may be noted rarely. This particular | 1245647 | 7.00 | 8.00 | 1.00 | 5 | | | | |
| | | | | interval has about 40-50% plagioclase with balance of unit | 1245648 | 8.00 | 9.00 | 1.00 | 5 | | | | |
| | | | | is ferro mag minerals dominated by green amphibole. The | 1245649 | 9.00 | 10.00 | 1.00 | 5 | | | | |
| | | | | unit is medium grained and has good gabbroic texture | 1245650 | 10.00 | 11.00 | 1.00 | 5 | | | | |
| | | | | Unit is for the most part strongly magnetic and a number of | 1245651 | 11.00 | 12.00 | 1.00 | 5 | | | | |
| | | | | magnetite blebs are noted in unit. Unit is typical grey green | 1245652 | Blank | | | 5 | | | | |
| | | | | color, gabbro does not react to HCL. No veining of | 1245653 | 12.00 | 13.00 | 1.00 | 7 | | | | |
| | | | | significance noted in this particular section. The unit of | 1245654 | stdGSP7E | Batch 46 | | 715 | | | | |
| | | | | moderate hardness and can be scratched with knife with | 1245655 | 13.00 | 14.00 | 1.00 | 5 | | | | |
| | | | | some effort. This interval has pretty sparse pyrite, estimate | 1245656 | 14.00 | 15.00 | 1.00 | 5 | | | | |
| | | | | of <1/2% pyrite. From 5-7m very blocky and broken interval | 1245657 | 15.00 | 16.15 | 1.15 | 5 | | | | |
| | | | | with a number of slips at 5-20 deg to CA with limonite on | 1245658 | 16.15 | 17.40 | 1.25 | 9 | | | | |
| | | | | slip planes. Simialrily from 13-13.9 m blocky broken section | 1245659 | 17.40 | 18.66 | 1.26 | 6 | | | | |
| | | | | with slips with limonite, slip oriented at 15-20 deg to CA. | 1245660 | 18.66 | 19.00 | 0.34 | 24 | | | | |
| | | | | Outside of areas with slips fairly competent unit, still a | 1245661 | 19.00 | 20.00 | 1.00 | 5 | | | | |
| | | | | number of fractures noted at 45 deg to CA. Lower contact | | | | | | | | | |
| | | | | sharp at 30 deg to CA. | | | | | | | | | |
| 16.15 | 18.66 | Mafic Dyke | 6U | Grey colored medium grained dyke with numerous | | | | | | | | | |
| | | | | fragments of various composition from felsic to mafic and | | | | | | | | | |
| | | | | frgments look to from intrusives. The fragments are sub | | | | | | | | | |
| | | | | angular to sub rounded. The unit contains substantial | | | | | | | | | |
| | | | | muscovite mica in matix. There is also some minor pyrite | | | | | | | | | |
| | | | | which is in disseminated form, perhaps 1%. Unit is strongly | | | | | | | | | |
| | | | | magnetic and has no HCL reaction, the unit is soft to mod. | | | | | | | | | |
| | | | | in hardness and can be scratched with knife relatively | | | | | | | | | |
| | | | | easily. No veining noted, competent unit minor slip or two | | | | | | | | | |
| | | | | at 20 deg to CA. | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18.66 | 58.55 | Gabbro | 6G | Description from 18.66 to 35.77 | 1245662 | 20.00 | 21.00 | 1.00 | 5 | | | | |
| | | | | Gabbro with a mineralogical description as per initial | 1245663 | 21.00 | 22.00 | 1.00 | 5 | | | | |
| | | | | description in hole above. This particular interval is medium | 1245664 | 22.00 | 23.00 | 1.00 | 5 | | | | |
| | | | | grained and greyish green in color. Plagioclase component | 1245665 | 23.00 | 24.00 | 1.00 | 6 | | | | |
| | | | | of unit estimated at 40%. Good gabbroic texture for most | 1245666 | 24.00 | 25.00 | 1.00 | 5 | | | | |
| | | | | of unit, some minor sections from 32 m to 35.77 where | 1245667 | 25.00 | 26.00 | 1.00 | 19 | | | | |
| | | | | gabbroic texture fades out somewhat. Variable magnetic | 1245668 | 26.00 | 27.00 | 1.00 | 15 | | | | |
| | | | | response. Strongly magnetic to about 22 m and then more | 1245669 | 27.00 | 28.00 | 1.00 | 5 | | | | |
| | | | | sporadic response to end of interval but mostly magnetic. | 1245670 | 28.00 | 29.00 | 1.00 | 7 | | | | |
| | | | | Unit is of moderate hardness and can be scratched with a | 1245671 | 29.00 | 30.00 | 1.00 | 51 | | | | |
| | | | | knife with some effort and unit has no HCL reaction except | 1245672 | 30.00 | 31.00 | 1.00 | 5 | | | | |
| | | | | for bleached are for about 30 cm above fault starting at | 1245673 | 31.00 | 32.00 | 1.00 | 5 | | | | |
| | | | | 35.77. Very competent looking interval with a few minor | 1245674 | 32.00 | 33.00 | 1.00 | 5 | | | | |
| | | | | slips and these are generally 15 - 20 deg to CA. A number | 1245675 | 33.00 | 34.00 | 1.00 | 5 | | | | |
| | | | | of fractures and these generally 45-50 deg to CA. Unit | 1245676 | 34.00 | 35.00 | 1.00 | 5 | | | | |
| | | | | contains substantial fine disseminated pyrite and few | 1245677 | 35.00 | 36.00 | 1.00 | 5 | | | | |
| | | | | pyrite stringers noted; overall pyrite content estimated at | | | | | | | | | |
| | | | | 2-3%. Some minor quartz carb stringers present in last | | | | | | | | | |
| | | | | half meter of this interval above fault, outside of this no | | | | | | | | | |
| | | | | real significant veining or stringers. A few epidote stringers | | | | | | | | | |
| | | | | noted as well locally. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 35.77-52.23 | 1245678 | 36.00 | 37.00 | 1.00 | 5 | | | | |
| | | | | The mineralogical description for this section is as per | 1245679 | 37.00 | 38.00 | 1.00 | 5 | | | | |
| | | | | initial description for gabbroic unit as start of hole. Again | 1245680 | 38.00 | 39.00 | 1.00 | 5 | | | | |
| | | | | unit is a greyish green color and medium to finer grained. | 1245681 | 39.00 | 40.00 | 1.00 | 5 | | | | |
| | | | | Plagioclase component in this unit around 20-25%. Blocky | 1245682 | 40.00 | 41.00 | 1.00 | 5 | | | | |
| | | | | broken fault zone starting at 35.77 upper contact at 45 deg | 1245683 | 41.00 | 42.00 | 1.00 | 5 | | | | |
| | | | | to CA.; lower contact at 45 deg to CA. Some limonite in fault | 1245684 | 42.00 | 43.00 | 1.00 | 5 | | | | |
| | | | | Outside of this fault zone relatively competent unit with a | 1245685 | 43.00 | 44.00 | 1.00 | 5 | | | | |
| | | | | number of minor slips at 10-30 deg to CA. A number of | 1245686 | 44.00 | 45.00 | 1.00 | 5 | | | | |
| | | | | fractures at 45 deg to CA as well. No significant veining | 1245687 | 45.00 | 46.00 | 1.00 | 5 | | | | |
| | | | | except for a few minor quartz carb stringers for about 1 m. | 1245688 | Blank | | | 5 | | | | |
| | | | | below fault. | 1245689 | 46.00 | 47.00 | 1.00 | 5 | | | | |
| | | | | Gabbroic texuture present but poorly developed & becomes | 1245690 | stdGSP7E | batch 47 | | 689 | | | | |
| | | | | masked and somewhat bleached in last few meters of this | 1245691 | 47.00 | 48.00 | 1.00 | 5 | | | | |
| | | | | interval. Some fine pyrite noted estimate at about 1-1.5%. | 1245692 | 48.00 | 49.00 | 1.00 | 5 | | | | |
| | | | | Sporadic magnetic response, and no HCL response. Unit | 1245693 | 49.00 | 50.00 | 1.00 | 5 | | | | |
| | | | | of moderate hardness and can be scratched with knife | 1245694 | 50.00 | 51.00 | 1.00 | 5 | | | | |
| | | | | with some effort. | 1245695 | 51.00 | 52.00 | 1.00 | 5 | | | | |
| | | | | | 1245696 | 52.00 | 53.00 | 1.00 | 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Description at 52.23 to 58.55 | 1245697 | 53.00 | 54.00 | 1.00 | 5 | | | | |
| | | | | Gabbro unit in this section becomes distinctly finer grained | 1245698 | 54.00 | 55.00 | 1.00 | 5 | | | | |
| | | | | with a chill margin towards lower contact. Ferro mag | 1245699 | 55.00 | 56.00 | 1.00 | 5 | | | | |
| | | | | minerals become dominant in interval and unit is darker grey | 1245700 | 56.00 | 57.00 | 1.00 | 5 | | | | |
| | | | | estimated plagioclase content 15%. Gabbroic texture not | 1245701 | 57.00 | 58.00 | 1.00 | 5 | | | | |
| | | | | really evident in this section. Unit is distinctly non magnetic | 1245702 | 58.00 | 58.55 | 0.55 | 5 | | | | |
| | | | | and has no HCL and unit is of moderate hardness and can | | | | | | | | | |
| | | | | be scratched with knife with an effort. There is approx. 1-2 | | | | | | | | | |
| | | | | per cent fine pyrite in disseminated form in this unit. No | | | | | | | | | |
| | | | | significnt veining of any type. Unit is competent with a few | | | | | | | | | |
| | | | | fractures at about 45 deg to CA. Lower contact at 58.55 | | | | | | | | | |
| | | | | oriented at 10 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 58.55 | 72.90 | Dacite | 3D | Description 58.55 to 72.90 | | | | | | | | | |
| | | | | Fine grained to aphanitic maroon colored (hematitic altered?) | 1245703 | 58.55 | 59.00 | 0.45 | 5 | | | | |
| | | | | unit. Maroon color persists to about 71 m where unit | 1245704 | 59.00 | 60.00 | 1.00 | 5 | | | | |
| | | | | becomes more greyish color above dyke. Unit contains a | 1245705 | 60.00 | 61.00 | 1.00 | 5 | | | | |
| | | | | few fragments that appear to be felsic including a few | 1245706 | 61.00 | 62.00 | 1.00 | 5 | | | | |
| | | | | cherty fragments such as at 64.2 m. Unit develops a | 1245707 | 62.00 | 63.00 | 1.00 | 5 | | | | |
| | | | | "crackled brecciated" appearance from 68-70 m. Numerous | 1245708 | 63.00 | 64.00 | 1.00 | 5 | | | | |
| | | | | wispy quartz carb stringers at 80 deg to CA. in this same | 1245709 | 64.00 | 65.00 | 1.00 | 5 | | | | |
| | | | | interval. Outside of this short interval only a few minor | 1245710 | 65.00 | 66.00 | 1.00 | 5 | | | | |
| | | | | quartz carb stringers. Unit is non magnetic and has no | 1245711 | 66.00 | 67.00 | 1.00 | 5 | | | | |
| | | | | HCL reaction, it is of moderate hardness and can be | 1245712 | 67.00 | 68.00 | 1.00 | 5 | | | | |
| | | | | scratched with a knife, towards contact last meter or so | 1245713 | 68.00 | 69.00 | 1.00 | 5 | | | | |
| | | | | definitely harder to scratch. Unit has a fair amount of pyrite | 1245714 | 69.00 | 70.00 | 1.00 | 5 | | | | |
| | | | | in clots, stringers and disseminated form. Estimated content | 1245715 | 70.00 | 71.00 | 1.00 | 5 | | | | |
| | | | | of pyrite 1-1.5%. Overall a pretty competent looking unit | 1245716 | 71.00 | 72.00 | 1.00 | 5 | | | | |
| | | | | with some minor slips at 30 deg to CA and some fractures | 1245717 | 72.00 | 72.90 | 1.00 | 5 | | | | |
| | | | | at 45 deg to CA. Lower contact at 45 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 72.90 | 77.35 | Mafic Dyke | 6U | A fine grained grey mafic dyke with sharp contacts. Unit | 1245718 | 72.90 | 74.00 | 1.10 | 5 | | | | |
| | | | | is non magnetic and no HCL reaction. A few minor quartz | 1245719 | 74.00 | 75.00 | 1.00 | 5 | | | | |
| | | | | stringers and clots usually associated with pyrite. Pyrite | 1245720 | 75.00 | 76.00 | 1.00 | 5 | | | | |
| | | | | content of dyke 1-2% with 3-4% locally over 5-10 cm assoc | 1245721 | 76.00 | 77.35 | 1.35 | 5 | | | | |
| | | | | with quartz usually. A few fractures noted at 45&70 deg to | | | | | | | | | |
| | | | | CA and a few minor slips at 20-30 deg to CA but overall | | | | | | | | | |
| | | | | a competent rock unit. Lower contact at 45 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 77.35 | 81.10 | Dacite | 3D | Grey fine grained to aphanitic similar to dacitic unit | 1245722 | 77.35 | 78.00 | 0.65 | 5 | | | | |
| | | | | described above but not as altered and lacks distinct | 1245723 | 78.00 | 79.00 | 1.00 | 5 | | | | |
| | | | | maroon color seen above. A number of fragments noted | 1245724 | Blank | | | 5 | | | | |
| | | | | and these appear to be felsic in composition and of volcanic | 1245725 | 79.00 | 80.00 | 1.00 | 16 | | | | |
| | | | | origin (sometimes cherty looking), and of various sizes from | 1245726 | stdGSP7E | Batch 48 | | 627 | | | | |
| | | | | a few mm to 2.5 cm or so and subangular. | 1245727 | 80.00 | 81.10 | 1.10 | 41 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | At 78-78.3 shear zone with "milled" fragments in shear and | | | | | | | | | |
| | | | | upper & lower contacts 45 deg to CA. Below this shear to | | | | | | | | | |
| | | | | lower contact a few minor wispy quartz carb stringers | | | | | | | | | |
| | | | | noted, these are pretty few in number throughout this unit. | | | | | | | | | |
| | | | | Estimate of 1/2-1% pyrite in this interval in small stringers & | | | | | | | | | |
| | | | | disseminated form. Unit is non magnetic & no HCL reaction. | | | | | | | | | |
| | | | | Unit has a variable hardness but generally in the moderate | | | | | | | | | |
| | | | | range. For the most part competent unit, however last few | | | | | | | | | |
| | | | | meters have number of slips at 40-45 deg and fractures at | | | | | | | | | |
| | | | | about 70 deg to CA as unit becomes proximal to fault zone | | | | | | | | | |
| | | | | | | | | | | | | | |
| 81.10 | 85.50 | Fault Zone | FZ | Blocky broken zone basically comprised of rubble. | | | | | | | | | |
| | | | | Compositionally a dacite unit with some fragments basically | 1245728 | 81.10 | 82.00 | 0.90 | 93 | | | | |
| | | | | as per description above from 77.35-81.10. Fair number of | 1245729 | 82.00 | 83.00 | 1.00 | 5 | | | | |
| | | | | felsic (cherty looking) fragments noted, sub angular and | 1245730 | 83.00 | 84.00 | 1.00 | 8 | | | | |
| | | | | various sizes from a few mm to a couple of cm's or so. A | 1245731 | 84.00 | 85.00 | 1.00 | 5 | | | | |
| | | | | few tiny localized pyrite stringers and a few minor quartz | 1245732 | 85.00 | 85.50 | 0.50 | 6 | | | | |
| | | | | carb stringers and a minor quartz veinlet noted at 84.35. | | | | | | | | | |
| | | | | No HCL reaction and fault zone non magnetic. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 85.50 | 176.00 | Dacite Fragmental | 3D | Description from 85.50-103.05 | 1245733 | 85.50 | 86.00 | 0.50 | 5 | | | | |
| | | | | This unit initially is a grey fine grained aphanitc unit to about | 1245734 | 86.00 | 87.00 | 1.00 | 5 | | | | |
| | | | | 97 m where the unit becomes grey to maroon colored | 1245735 | 87.00 | 88.00 | 1.00 | 5 | | | | |
| | | | | (hematite alt?). The unit can be scratched with a knife but | 1245736 | 88.00 | 89.00 | 1.00 | 5 | | | | |
| | | | | is more in the moderate-hard category. Fairly significant | 1245737 | 89.00 | 90.00 | 1.00 | 5 | | | | |
| | | | | number of fragments in unit, of various sizes from a few | 1245738 | 90.00 | 91.00 | 1.00 | 5 | | | | |
| | | | | mm to a few cm across & these are generally subangular. | 1245739 | 91.00 | 92.00 | 1.00 | 5 | | | | |
| | | | | These are cherty in appearance for most part, in latter | 1245740 | 92.00 | 93.00 | 1.00 | 5 | | | | |
| | | | | part of unit from 97 m and beyond fragments giving unit | 1245741 | 93.00 | 94.00 | 1.00 | 5 | | | | |
| | | | | maroon color and these fragments have quartz speckles on | 1245742 | 94.00 | 95.00 | 1.00 | 5 | | | | |
| | | | | occasion. Sulphide mainly pyrite estimated at 1/2-1% in | 1245743 | 95.00 | 96.00 | 1.00 | 5 | | | | |
| | | | | disseminated form. Unit considered hard and can be | 1245744 | 96.00 | 97.00 | 1.00 | 5 | | | | |
| | | | | scratched with knife with difficulty. Unit is non magnetic and | 1245745 | 97.00 | 98.00 | 1.00 | 5 | | | | |
| | | | | has no HCL reaction. No significant veining noted. Some | 1245746 | 98.00 | 99.00 | 1.00 | 5 | | | | |
| | | | | weak shear fabric noted from 102-103 m at 45 deg to CA. | 1245747 | 99.00 | 100.00 | 1.00 | 5 | | | | |
| | | | | Very competent interval with a few fractures at 45 deg to | 1245748 | 100.00 | 101.00 | 1.00 | 5 | | | | |
| | | | | CA. Last 30 cm of unit fragmental with fushitic altered | 1245749 | 101.00 | 102.00 | 1.00 | 5 | | | | |
| | | | | dacite intersititial to fragments. | 1245750 | 102.00 | 103.00 | 1.00 | 7 | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 103.05-120 | 1245751 | 103.00 | 104.00 | 1.00 | 5 | | | | |
| | | | | This interval is again a dacite fragmental that is a green to | 1245752 | 104.00 | 105.00 | 1.00 | 5 | | | | |
| | | | | maroon color. Maroon color particularly dominant in certain | 1245753 | 105.00 | 106.00 | 1.00 | 5 | | | | |
| | | | | sections due to presence of maroon colored fragments. | 1245754 | 106.00 | 107.00 | 1.00 | 5 | | | | |
| | | | | Some of the maroon colored fragments again have quartz | 1245755 | 107.00 | 108.00 | 1.00 | 5 | | | | |
| | | | | speckles within them. The unit also contains other various | 1245756 | 108.00 | 109.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | fragment types including cherty felsic fragments; fragments | 1245757 | 109.00 | 110.00 | 1.00 | 5 | | | | |
| | | | | range from a few mm. to a few cm across and are sub | 1245758 | 110.00 | 111.00 | 1.00 | 5 | | | | |
| | | | | angular. The matrix material in this unit is fine grained to | 1245759 | 111.00 | 112.00 | 1.00 | 5 | | | | |
| | | | | aphanitic. The unit is non magneitc and is of variable | 1245760 | Blank | | | 5 | | | | |
| | | | | hardness but overall moderate in hardness and can be | 1245761 | 112.00 | 113.00 | 1.00 | 5 | | | | |
| | | | | scratched with knife. Unit has no reaction to HCL. A few | 1245762 | stdGSP7E | batch 49 | | 723 | | | | |
| | | | | minor quartz carb veinlets (<2.5 cm) and a few stringers | 1245763 | 113.00 | 114.00 | 1.00 | 5 | | | | |
| | | | | between 107-111.5 likely representing <2% of the make up | 1245764 | 114.00 | 115.00 | 1.00 | 6 | | | | |
| | | | | this short interval. Estimated pyrite content about 1/2%. | 1245765 | 115.00 | 116.00 | 1.00 | 5 | | | | |
| | | | | Small fault at 110.50-110.65, broken and blocky, upper | 1245766 | 116.00 | 117.00 | 1.00 | 5 | | | | |
| | | | | contact 30 deg to CA and lower contact 15 deg to CA. | 1245767 | 117.00 | 118.00 | 1.00 | 5 | | | | |
| | | | | Outside of this fault there are a few minor slips at 10-15 | 1245768 | 118.00 | 119.00 | 1.00 | 5 | | | | |
| | | | | deg to CA. and also a few fractures at 45 deg to CA. A | 1245769 | 119.00 | 120.00 | 1.00 | 5 | | | | |
| | | | | weak shear fabric noted between 112-113 m. oriented at | 1245770 | 120.00 | 121.00 | 1.00 | 11 | | | | |
| | | | | 45 deg to CA. Some local evidence of fabric beyond 113 in | 1245771 | 121.00 | 122.00 | 1.00 | 5 | | | | |
| | | | | a few areas over 10-30 cm where fragments at 45 deg to | 1245772 | 122.00 | 123.00 | 1.00 | 5 | | | | |
| | | | | CA but not as distinct as at 112-113. | 1245773 | 123.00 | 124.00 | 1.00 | 5 | | | | |
| | | | | | 1245774 | 124.00 | 125.00 | 1.00 | 5 | | | | |
| | | | | Description from 120-137.26 | 1245775 | 125.00 | 126.00 | 1.00 | 5 | | | | |
| | | | | Again a fragmental that is green to maroon in color is | 1245776 | 126.00 | 127.00 | 1.00 | 5 | | | | |
| | | | | present, this maroon color is a result of the color of | 1245777 | 127.00 | 128.00 | 1.00 | 5 | | | | |
| | | | | fragments present in the unit. Maroon colored fragments | 1245778 | 128.00 | 129.00 | 1.00 | 5 | | | | |
| | | | | become less in number beyond 128 m. Unit more greenish in | 1245779 | 129.00 | 130.00 | 1.00 | 5 | | | | |
| | | | | color after 128 m. Fragments in this unit consist primarily of | 1245780 | 130.00 | 131.00 | 1.00 | 5 | | | | |
| | | | | maroon colored fragments with other felsic volcanic | 1245781 | 131.00 | 132.00 | 1.00 | 5 | | | | |
| | | | | fragments; fragments of various sizes of a few mm to a | 1245782 | 132.00 | 133.00 | 1.00 | 5 | | | | |
| | | | | few cm and these are subangular. The matrix of this unit is | 1245783 | 133.00 | 134.00 | 1.00 | 5 | | | | |
| | | | | fine grained to aphanitic. Again this unit is non-magnetic | 1245784 | 134.00 | 135.00 | 1.00 | 7 | | | | |
| | | | | and has no HCL response. Variable hardness, can be | 1245785 | 135.00 | 136.00 | 1.00 | 5 | | | | |
| | | | | scratched with knife with great difficulty in some areas and | 1245786 | 136.00 | 137.00 | 1.00 | 5 | | | | |
| | | | | reasonably easy to scratch in others, moderate to hard unit | 1245787 | 137.00 | 138.00 | 1.00 | 5 | | | | |
| | | | | Very sparse pyrite in this interval, less than 1/2% and | | | | | | | | | |
| | | | | minimal veining, some stingers from 132 to 133.5 in a | | | | | | | | | |
| | | | | poorly developed stockwork. Minor fault noted at 135.80 | | | | | | | | | |
| | | | | to 136.20 Below 128-137.8 distinctly more broken than | | | | | | | | | |
| | | | | upper part of interval. However throughout interval a | | | | | | | | | |
| | | | | number of slips at 20-30 deg to CA, these are minor slips | | | | | | | | | |
| | | | | and fractures 45 deg to CA. Some local fabric noted but not | | | | | | | | | |
| | | | | extensive such as at 134 to 134.30 meter where fragments | | | | | | | | | |
| | | | | stretched and orineted at 50 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Description from 137.26-154.30 | 1245788 | 138.00 | 139.00 | 1.00 | 5 | | | | |
| | | | | Fragmental unit that is for the most part green in color with | 1245789 | 139.00 | 140.00 | 1.00 | 5 | | | | |
| | | | | isolated sections with some maroon coloring due to | 1245790 | 140.00 | 141.00 | 1.00 | 5 | | | | |
| | | | | presence of maroon colored fragments. Again, fragments | 1245791 | 141.00 | 142.00 | 1.00 | 5 | | | | |
| | | | | | 1245792 | 142.00 | 143.00 | 1.00 | 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | primarily felsic volcanic fragments and maroon colored | | | | | | | | | |
| | | | | (intrusive??) fragments; these fragments range from a few | 1245793 | 143.00 | 144.00 | 1.00 | 5 | | | | |
| | | | | mm across to a few cm across and are subangular. Some | 1245794 | 144.00 | 145.00 | 1.00 | 6 | | | | |
| | | | | quartz specks noted within maroon fragments. Unit is non | 1245795 | 145.00 | 146.00 | 1.00 | 5 | | | | |
| | | | | magnetic and does not react to HCL. Unit is of variable | 1245796 | Blank | | | 5 | | | | |
| | | | | hardness but overall of moderate hardness and can be | 1245797 | 146.00 | 147.00 | 1.00 | 5 | | | | |
| | | | | scratched with knife. Some minor quartz carb stringers | 1245798 | stdGSP7E | batch 50 | | 749 | | | | |
| | | | | (rare) and one small quartz carb veinlet at 141.03-141.10 | 1245799 | 147.00 | 148.00 | 1.00 | 5 | | | | |
| | | | | with some smaller stringers assoc with it for about 10 cm | 1245800 | 148.00 | 149.00 | 1.00 | 5 | | | | |
| | | | | on each side of it. Also a few rare quartz stringers with | 1245801 | 149.00 | 150.00 | 1.00 | 5 | | | | |
| | | | | K-spar in them such as at 153.50. Some pyrite in this unit | 1245802 | 150.00 | 151.00 | 1.00 | 5 | | | | |
| | | | | estimated overall content <1/2% but certain sections with | 1245803 | 151.00 | 152.00 | 1.00 | 5 | | | | |
| | | | | local patches and stingers of pyrite such at 149-151. A | 1245804 | 152.00 | 153.00 | 1.00 | 5 | | | | |
| | | | | few patchy epidote rich sections with epidote surrounding | 1245805 | 153.00 | 154.00 | 1.00 | 5 | | | | |
| | | | | fragments from 147-149. This is a fairly competent interval | 1245806 | 154.00 | 155.00 | 1.00 | 5 | | | | |
| | | | | but there are a number of slips present, these are generally | | | | | | | | | |
| | | | | at 30 deg to CA and fractures are generally at 45 and 70 | 1245807 | 155.00 | 156.00 | 1.00 | 5 | | | | |
| | | | | deg to CA. Small mafic dyke noted from 145.23-145.60 | 1245808 | 156.00 | 157.00 | 1.00 | 5 | | | | |
| | | | | with upper contact along fracture at 50 deg to CA & lower | 1245809 | 157.00 | 158.00 | 1.00 | 5 | | | | |
| | | | | contact at 45 deg to CA. | 1248810 | 158.00 | 159.00 | 1.00 | 5 | | | | |
| | | | | | 1248811 | 159.00 | 160.00 | 1.00 | 5 | | | | |
| | | | | Description 154.30-176.00 | 1248812 | 160.00 | 161.00 | 1.00 | 5 | | | | |
| | | | | Still a dacitic fragmental that is primarily green in color with | 1248813 | 161.00 | 162.00 | 1.00 | 5 | | | | |
| | | | | certain portions that are more maroon in color due to | 1248814 | 162.00 | 163.00 | 1.00 | 5 | | | | |
| | | | | presence of a number of maroon colored fragments. In this | 1248815 | 163.00 | 164.00 | 1.00 | 5 | | | | |
| | | | | particular interval very few chert like fragments like in other | 1248816 | 164.00 | 165.00 | 1.00 | 5 | | | | |
| | | | | intervals mainly greenish colored fragments of similar | 1248817 | 165.00 | 166.00 | 1.00 | 5 | | | | |
| | | | | composition to dacitic unit. Maroon colored fragments | 1248818 | 166.00 | 167.00 | 1.00 | 5 | | | | |
| | | | | thought to be intrusive, specks of quartz in fragments. All | 1248819 | 167.00 | 168.00 | 1.00 | 5 | | | | |
| | | | | fragments a few mm to a number of cm across (1-4 cm) | 1248820 | 168.00 | 169.00 | 1.00 | 5 | | | | |
| | | | | and these are sub angular. Unit is non magnetic and no | 1248821 | 169.00 | 170.00 | 1.00 | 5 | | | | |
| | | | | HCL reaction noted. Moderate hardness and be scratched | 1248822 | 170.00 | 171.00 | 1.00 | 5 | | | | |
| | | | | with knife with effort. A few minor quartz stringers with | 1248823 | 171.00 | 172.00 | 1.00 | 5 | | | | |
| | | | | orange K-spar noted particularily in last few meters of unit. | 1248824 | 172.00 | 173.00 | 1.00 | 5 | | | | |
| | | | | Pyrite content pretty minimal, estimated at 1/2%. Relatively | 1248825 | 173.00 | 174.00 | 1.00 | 5 | | | | |
| | | | | competent unit with a few minor slips at 20 deg to CA and | 1248826 | 174.00 | 175.00 | 1.00 | 5 | | | | |
| | | | | 45 deg to CA. Some local weak fabric at 45 deg to CA. | 1248827 | 175.00 | 176.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |
| | | | | EOH: 176 | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Down Hole Tests | | | | | | | | | |
| | | | | Depth: 085m. Az: 138.1 Dip:-43.70 | | | | | | | | | |
| | | | | Depth: 176m. Az: 138.4 Dip:-41.50 | | | | | | | | | |
| | | | | Good Tests as non magnetic core | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Core stored at SGX Resources facilities in Timmins Ontario. | | | | | | | | | |

# SGX RESOURCES

**Prospect:Shaft Vein HW & Porphyry** | **Grid Location: L20E ST46N** | **Drill Company:**
**DDH: JS1309** | **Azimuth/Dip: 135/-60** | **UTM:560283E 5336237N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L512579** | **EOH:200m.** | **Date Started:2/3/2013 Date Finished:2/9/2013** | K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 1.00 | Casing | CAS | Note, casing left in hole. Few boulders in first 10 cm. | | | | | | | | | |
| | | | | | 1243000 | 1.00 | 2.00 | 1.00 | < 5 | | | | |
| 1.00 | 90.30 | Gabbro | 6G | at 1.00 to 18.00 meters | 1243001 | 2.00 | 3.00 | 1.00 | < 5 | | | | |
| | | | | Gabbro unit is greenish to very light grey in color depending | 1243002 | Blank | | | < 5 | | | | |
| | | | | on amount of ferro-magnesium minerals. The unit is medium | 1243003 | 3.00 | 4.00 | 1.00 | 10 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1243004 | stdGSP7E | | | 778 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1243005 | 4.00 | 5.00 | 1.00 | 9 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1243006 | 5.00 | 6.00 | 1.00 | 23 | | | | |
| | | | | feldspar may make up 30-50% of unit with ferro-mag | 1243007 | 6.00 | 7.00 | 1.00 | 8 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1243008 | 7.00 | 8.00 | 1.00 | 11 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1243009 | 8.00 | 9.00 | 1.00 | 15 | | | | |
| | | | | accessory quartz noted rarely. | 1243010 | 9.00 | 10.00 | 1.00 | < 5 | | | | |
| | | | | Unit is not really altered per say but amphiboles are soft | 1243011 | 10.00 | 11.00 | 1.00 | 832 | | | | |
| | | | | and thought to be chloritic. Competent looking unit that is | 1243012 | 11.00 | 12.00 | 1.00 | 50 | | | | |
| | | | | of medium hardness with a few minor slips such as at | 1243013 | 12.00 | 13.00 | 1.00 | 795 | | | | |
| | | | | 10-11 at 15-20 deg to CA. and 17.30-17.50 also at 15 deg | 1243014 | 13.00 | 14.00 | 1.00 | 21 | | | | |
| | | | | to CA. A few minor fractures at 45 deg to CA. Unit is | 1243015 | 14.00 | 15.00 | 1.00 | < 5 | | | | |
| | | | | strongly mangnetic throughout, and no HCL reaction. A few | 1243016 | 15.00 | 16.00 | 1.00 | < 5 | | | | |
| | | | | minor quartz stringers less than a cm at 90 deg to CA., | 1243017 | 16.00 | 17.00 | 1.00 | 6 | | | | |
| | | | | outside of this no significant quartz. Also a few epidote | 1243018 | 17.00 | 18.00 | 1.00 | 71 | | | | |
| | | | | stringers note along fractures and slips. Sulphide content | 1243019 | 18.00 | 19.00 | 1.00 | 15 | | | | |
| | | | | minimal, perhaps trace to 1/2%. | 1243020 | 19.00 | 20.00 | 1.00 | 116 | | | | |
| | | | | | 1243021 | 20.00 | 21.00 | 1.00 | < 5 | | | | |
| | | | | at 18 to 35.47 | 1243022 | 21.00 | 22.00 | 1.00 | 35 | | | | |
| | | | | Gabbro unit is as above with respect to minralogical | 1243023 | 22.00 | 23.00 | 1.00 | < 5 | | | | |
| | | | | description. Medium to coarser grained unit and lighter | 1243024 | 23.00 | 24.00 | 1.00 | 17 | | | | |
| | | | | grey to greenish in color, more enriched in plagioclase (i.e | 1243025 | 24.00 | 25.00 | 1.00 | 6 | | | | |
| | | | | approaching 50%). Exhibits typcial gabbroic texture. | 1243026 | 25.00 | 26.00 | 1.00 | 18 | | | | |
| | | | | Unit is of moderate hardness and can be scratched with | 1243027 | 26.00 | 27.00 | 1.00 | 7 | | | | |
| | | | | knife with some effort. Unit is strongly magnetic througout | 1243028 | 27.00 | 28.00 | 1.00 | < 5 | | | | |
| | | | | and has no HCL reaction. Very minimal pyrite, some very | 1243029 | 28.00 | 29.00 | 1.00 | 12 | | | | |
| | | | | minor disseminated pyrite and a rare stringer or two, | 1243030 | 29.00 | 30.00 | 1.00 | 6 | | | | |
| | | | | estimated trace to 1/2% at best. Very rare quartz stringer | 1243031 | 30.00 | 31.00 | 1.00 | 5 | | | | |
| | | | | noted and some minor epidote stringers usually assoc. with | 1243032 | 31.00 | 32.00 | 1.00 | 11 | | | | |
| | | | | some of the minor fractures and slips. Overall this section | 1243033 | 32.00 | 33.00 | 1.00 | 10 | | | | |
| | | | | of gabbro pretty competent interval, some very minor slips | 1243034 | 33.00 | 34.00 | 1.00 | 14 | | | | |
| | | | | at about 15 deg to CA and fractures at 45 deg to CA. Some | 1243035 | 34.00 | 35.00 | 1.00 | 16 | | | | |
| | | | | minor localized patchy epidote noted on occasion. | 1243036 | 35.00 | 36.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 35.47 to 53 meters | 1243037 | 36.00 | 37.00 | 1.00 | < 5 | | | |
| | | | | Gabbro unit as above; mineralogical make up as per initial | 1243038 | Blank | | | < 5 | | | |
| | | | | description of gabbro in this hole. Again, a medium to | 1243039 | 37.00 | 38.00 | 1.00 | < 5 | | | |
| | | | | coarser grained interval that is lighter grey to greenish in | 1243040 | stdGSP7E | | | 739 | | | |
| | | | | color on fresh surface. Exhibits a clear crisp gabbroic | 1243041 | 38.00 | 39.00 | 1.00 | < 5 | | | |
| | | | | texture. For the most part very competetent unit with a few | 1243042 | 39.00 | 40.00 | 1.00 | < 5 | | | |
| | | | | minor slips at about 15 deg to CA such as at 43.20-43.40, | 1243043 | 40.00 | 41.00 | 1.00 | < 5 | | | |
| | | | | 43.60-44, 47.7-48, however at 50 m. large blocky broken | 1243044 | 41.00 | 42.00 | 1.00 | < 5 | | | |
| | | | | fault zone from 50-51, upper contact ground and lower | 1243045 | 42.00 | 43.00 | 1.00 | < 5 | | | |
| | | | | contact at 5 deg to CA. Above fault zone rare stringer of | 1243046 | 43.00 | 44.00 | 1.00 | 1220 | | | |
| | | | | quartz noted at 45 deg to CA. Fractures above fault zone | 1243047 | 44.00 | 45.00 | 1.00 | 16 | | | |
| | | | | which are pretty minor are also at 45 deg to CA. Above | 1243048 | 45.00 | 46.00 | 1.00 | 6 | | | |
| | | | | fault zone unit is for the most part strongly magnetic with | 1243049 | 46.00 | 47.00 | 1.00 | < 5 | | | |
| | | | | rare non-magnetic interval, and no HCL reaction in the | 1243050 | 47.00 | 48.00 | 1.00 | < 5 | | | |
| | | | | gabbro. However, below fault zone weak HCL reaction, | 1243051 | 48.00 | 49.00 | 1.00 | < 5 | | | |
| | | | | and again sporadic magnetic reaction. Increase in small | 1243052 | 49.00 | 50.00 | 1.00 | < 5 | | | |
| | | | | quartz stringers at 90 and 45 deg to CA (two generations) | 1243053 | 50.00 | 51.00 | 1.00 | < 5 | | | |
| | | | | as it appears that 90 deg veinlets/stringers are later. Below | 1243054 | 51.00 | 51.50 | 0.50 | < 5 | | | |
| | | | | fault zone crisp gabbroic texture is now mottled and there | 1243055 | 51.50 | 52.00 | 0.50 | < 5 | | | |
| | | | | is some bleaching. Throughout this entire interval pyrite | 1243056 | 52.00 | 52.50 | 0.50 | < 5 | | | |
| | | | | content estimated at trace to 1/2%. | 1243057 | 52.50 | 53.00 | 0.50 | 6 | | | |
| | | | | | | | | | | | | |
| | | | | at 53 to 69.87 | 1243058 | 53.00 | 53.40 | 0.40 | < 5 | | | |
| | | | | Again a gabbro unit with mineralogical make up as per | 1243059 | 53.40 | 54.00 | 0.60 | < 5 | | | |
| | | | | intitial description in this hole. Drill hole has good gabbroic | 1243060 | 54.00 | 55.00 | 1.00 | 9 | | | |
| | | | | texture and is medium to coarser grained. The unit is for | 1243061 | 55.00 | 56.00 | 1.00 | < 5 | | | |
| | | | | the most part lighter grey to greenish in color. This particular | 1243062 | 56.00 | 57.00 | 1.00 | 9 | | | |
| | | | | section is more enriched in plagioclase(i.e. plagioclase | 1243063 | 57.00 | 57.50 | 0.50 | 16 | | | |
| | | | | approaching 50%). Some exceptions to the aformentioned | 1243064 | 57.50 | 58.00 | 0.50 | 7 | | | |
| | | | | descriptions within this interval are from 66 to end of | 1243065 | 58.00 | 58.50 | 0.50 | 19 | | | |
| | | | | interval where unit is slightly bleached and gabbroic texture | 1243066 | 58.50 | 59.00 | 0.50 | < 5 | | | |
| | | | | somewhat masked. At 55 to 55.40 also strongly bleached | 1243067 | 59.00 | 60.00 | 1.00 | 6 | | | |
| | | | | with numerous quartz stringers and veinlets one at 90 deg | 1243068 | 60.00 | 61.00 | 1.00 | < 5 | | | |
| | | | | to CA and 15 deg to CA, 2nd vein cuts 90 deg veins. This | 1243069 | 61.00 | 62.00 | 1.00 | 8 | | | |
| | | | | veining lies above a fault from 53.48 to 54.6, very badly | 1243070 | 62.00 | 63.00 | 1.00 | 11 | | | |
| | | | | broken up from 53.48 to 53.70. Upper contact of fault at | 1243071 | 63.00 | 64.00 | 1.00 | 42 | | | |
| | | | | 70 deg to CA and lower contact at 10 deg to CA. Another | 1243072 | 64.00 | 65.00 | 1.00 | 17 | | | |
| | | | | minor fault noted at 65.35-65.65, upper contact 20 deg to | 1243073 | 65.00 | 66.00 | 1.00 | 36 | | | |
| | | | | CA and lower 10 deg to CA. Also minor fault/slip sub- | 1243074 | Blank | | | < 5 | | | |
| | | | | parallel to CA from 66.20-66.75. Outside of these areas | 1243075 | 66.00 | 67.00 | 1.00 | 123 | | | |
| | | | | most of unit pretty competent with minor slips at 10-15 deg | 1243076 | stdGSP7E | | | 770 | | | |
| | | | | to CA and a few fractures at 45 deg to CA. | 1243077 | 67.00 | 68.00 | 1.00 | 106 | | | |
| | | | | Unit is moderately hard unit that can be scratched with a | 1243078 | 68.00 | 69.00 | 1.00 | 12 | | | |
| | | | | knife with some difficulty. Unit has variable magnetic | | | | | | | | |
| | | | | response. Areas with bleaching have a more radom on/off | | | | | | | | |
| | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | magnetic response while areas without bleaching basically | | | | | | | | | |
| | | | | strongly magnetic. Outside of quartz veining described from | | | | | | | | | |
| | | | | 55-55.4 pretty minimal quartz stringers a couple of stringers | | | | | | | | | |
| | | | | at 57.2 m. at 70 deg to CA, also a small shear at 58.45 to | | | | | | | | | |
| | | | | 58.62, fabric at 60 deg to CA; this shear contains a few | | | | | | | | | |
| | | | | quartz stringers. A few minor epidiote stringers througout | | | | | | | | | |
| | | | | this section usually parallel to slips or fractures. Also some | | | | | | | | | |
| | | | | patchy local epidote alteration over 10's of cm from 65 m to | | | | | | | | | |
| | | | | 69 m. Some HCL reaction in this section from 55-55.4 but | | | | | | | | | |
| | | | | outside of this no reaction. | | | | | | | | | |
| | | | | This section has minimal sulphides estimate trace to 1/2% | | | | | | | | | |
| | | | | and unually dissemeinted, however a few clots locally such | | | | | | | | | |
| | | | | as at 58.2 meters and occassional localized stinger. | | | | | | | | | |
| | | | | | 1243079 | 69.00 | 70.00 | 1.00 | 47 | | | | |
| | | | | at 69.87 -87.00 m. | 1243080 | 70.00 | 71.00 | 1.00 | 10 | | | | |
| | | | | Again this interval is gabbroic with a typical mineralogical | 1243081 | 71.00 | 72.00 | 1.00 | 106 | | | | |
| | | | | make up of a gabbro as described in inititial interval for this | 1243082 | 72.00 | 73.00 | 1.00 | 50 | | | | |
| | | | | hole. The unit is medium grained. Has light greyish color | 1243083 | 73.00 | 74.00 | 1.00 | 8 | | | | |
| | | | | with a weak greenish hew. The unit appears bleached to | 1243084 | 74.00 | 74.50 | 0.50 | 40 | | | | |
| | | | | some extent masking the classic gabbroic texture. | 1243085 | 74.50 | 75.00 | 0.50 | 513 | | | | |
| | | | | First meter or two of this interval is magnetic and then | 1243086 | 75.00 | 75.50 | 0.50 | 20 | | | | |
| | | | | beyond this pretty much non mangnetic except for some | 1243087 | 75.50 | 76.00 | 0.50 | 7 | | | | |
| | | | | short localized intervals. Moderately hard unit that can be | 1243088 | 76.00 | 76.50 | 0.50 | 63 | | | | |
| | | | | scratched with some difficulty. No HCl reaction on gabbro | 1243089 | 76.50 | 77.00 | 0.50 | 32 | | | | |
| | | | | but slight reaction where quartz carbonate stringers | 1243090 | 77.00 | 78.00 | 1.00 | 40 | | | | |
| | | | | present. Competent unit for the most part but a blocky | 1243091 | 78.00 | 79.00 | 1.00 | 41 | | | | |
| | | | | broken zone from 79.25 to 81.70 where there are a series | 1243092 | 79.00 | 80.00 | 1.00 | 32 | | | | |
| | | | | of high angle slips at 10-15 deg to CA or subparallel to CA. | 1243093 | 80.00 | 81.00 | 1.00 | 10 | | | | |
| | | | | Outside of this blocky area the unit has a few minor slips | 1243094 | 81.00 | 82.00 | 1.00 | 51 | | | | |
| | | | | at 10-15 deg to CA and a few fractures at 45 and 70 deg to | 1243095 | 82.00 | 83.00 | 1.00 | 41 | | | | |
| | | | | CA. Unit has few quartz stringers 1/2 -1 cm locally and | 1243096 | 83.00 | 84.00 | 1.00 | 653 | | | | |
| | | | | these are usually parallel to slips and fractures. | 1243097 | 84.00 | 85.00 | 1.00 | 163 | | | | |
| | | | | Occassionally some sulphides in the stringers such as at | 1243098 | 85.00 | 86.00 | 1.00 | 1370 | | | | |
| | | | | 76.07 m. Also some epidote stringers associated with | 1243099 | 86.00 | 87.00 | 1.00 | 745 | | | | |
| | | | | slips and fractures. Some local patchy epidote particularily | | | | | | | | | |
| | | | | between 82-85m. Note, from 86-87 slightly more bleached | | | | | | | | | |
| | | | | and a few more stringers and some leucoxenes noted. | | | | | | | | | |
| | | | | Leucoxenes noted periodically through this interval in | | | | | | | | | |
| | | | | association with slips or veinlet salvages. Overall pyrite | | | | | | | | | |
| | | | | content estimated at 1/2%. However, a few pyrite stringers | | | | | | | | | |
| | | | | and clots from 74-77, perhaps 1% in this interval. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 87.00-90.30 | 1243100 | 87.00 | 88.00 | 1.00 | 201 | | | | |
| | | | | Again a gabbroic unit with minerology similar to that | 1243101 | 88.00 | 89.00 | 1.00 | 520 | | | | |
| | | | | described initially in this hole. Medium grained unit that is a | 1243102 | 89.00 | 90.00 | 1.00 | 286 | | | | |
| | | | | light greyish color with a slight greenish hew. The unit again | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | is bleached to some extent again masking the classic | | | | | | | | | |
| | | | | gabbroic texture. This is a fairly blocky section of core with | | | | | | | | | |
| | | | | a number of fractures and minor slips and a small fault at | | | | | | | | | |
| | | | | 89.90 - 89.94 with some minor gouge upper contact 70 deg | | | | | | | | | |
| | | | | to CA and lower contact 45 deg to CA. Minor slips | | | | | | | | | |
| | | | | mentioned above at 15 deg to CA and numerous fractures | | | | | | | | | |
| | | | | at 45 and 70 deg to CA. Very few quartz stingers but a | | | | | | | | | |
| | | | | number noted between 89 to 89.5, stringers in heavily | | | | | | | | | |
| | | | | bleached section with stringers at 70 and 45 deg to CA. | | | | | | | | | |
| | | | | One stringer at 45 deg note to cut stringer at 70 deg, 2nd | | | | | | | | | |
| | | | | generation of quartz present. For the most part unit is non | | | | | | | | | |
| | | | | magnetic with minor local sections that respond to magnet. | | | | | | | | | |
| | | | | This unit is of moderate hardness and can be scratched | | | | | | | | | |
| | | | | with a knife with difficulty. HCL reaction in section from | | | | | | | | | |
| | | | | 89-89.5 but outside of this area no HCL reaction. Note some | | | | | | | | | |
| | | | | leucoxene noted from 89-89.5 as well. Very sparse pyrite | | | | | | | | | |
| | | | | estimate 1/2% maximum, a few specks and occassional l | | | | | | | | | |
| | | | | local stringer. Lower contact sharp at 45 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 90.30 | 91.70 | Mafic Dyke | 6U | Fine grained grey unit on fresh surface. Initially has some | | | | | | | | | |
| | | | | pheocryst lathes developed in within fine grained matrix | 1243103 | 90.00 | 90.30 | 0.30 | 100 | | | | |
| | | | | (amphiboles?). Towards lower part of unit numerous | 1243104 | 90.30 | 91.00 | 0.70 | 92 | | | | |
| | | | | sub angular fragments a few cm across of various volcanic | 1243105 | 91.00 | 91.70 | 0.70 | 74 | | | | |
| | | | | and intrusive compositions including occassional quartz | 1243106 | 91.70 | 92.00 | 0.30 | 300 | | | | |
| | | | | rich fragment. No significant veining or sulphides and non | | | | | | | | | |
| | | | | magnetic, and no HCL reaction. Competent unit with a few | | | | | | | | | |
| | | | | minor slips at 45 deg to CA and fracture or two at 70 deg | | | | | | | | | |
| | | | | to CA. Lower contact at 45 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 91.70 | 106.80 | Gabbro | 6G | at 91.70 to 104 m. | 1243107 | 92.00 | 93.00 | 1.00 | 1090 | | | | |
| | | | | This gabbro similar to gabbro unit above and mineralogical | 1243108 | Blank | | | < 5 | | | | |
| | | | | make up typical of a gabbro unit and as per initial description | 1243109 | 93.00 | 94.00 | 1.00 | 183 | | | | |
| | | | | in this hole at 1.00-18.00 m. | 1243110 | stdGS1J | short batch | | 914 | | | | |
| | | | | This unit is light grey in color with a slight greenish hew, the | 1243111 | 94.00 | 95.00 | 1.00 | 155 | | 157 | | |
| | | | | unit is also bleached for the most part obliterating the | 1243112 | 95.00 | 96.00 | 1.00 | 14 | | 5 | | |
| | | | | typcical gabbroic texture on fresh surface. The exception | 1243113 | 96.00 | 97.00 | 1.00 | 834 | | 566 | | |
| | | | | to this is the section between 98-101 meters where | 1243114 | 97.00 | 98.00 | 1.00 | 661 | | 608 | | |
| | | | | gabbroic texture is fairly evident. This interval (98-101) is | 1243115 | 98.00 | 99.00 | 1.00 | 31 | | 23 | | |
| | | | | medium to slightly coarser grained while rest of this section | 1243116 | 99.00 | 100.00 | 1.00 | 177 | | 146 | | |
| | | | | is medium grained. Competent unit with a few minor slips | 1243117 | 100.00 | 101.00 | 1.00 | 66 | | 44 | | |
| | | | | and fractures at 15 deg and 45 deg to CA respectively. | 1243118 | 101.00 | 102.00 | 1.00 | 410 | | 389 | | |
| | | | | A minor but more significant slip/minor fault at 100.55 at | 1243119 | 102.00 | 103.00 | 1.00 | 212 | | 222 | | |
| | | | | 15 deg to CA and also slip/minor fault at 92.35 to 92.85, | 1243120 | 103.00 | 104.00 | 1.00 | 202 | | 184 | | |
| | | | | upper and lower contacts at 35 and 45 deg to CA | 1243121 | 104.00 | 105.00 | 1.00 | 68 | | 53 | | |
| | | | | respectively. Very minimimal to non-existant quartz veining | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | but some minor epitdote stringers locally usually parallel to | 1243122 | 105.00 | 106.00 | 1.00 | 844 | | 700 | | |
| | | | | fractures or slips. Unit is non-magnetic for first couple of | 1243123 | 106.00 | 106.80 | 0.80 | 2310 | | 2670 | | |
| | | | | meters below dyke contact but after this moderately | 1243124 | 106.80 | 107.30 | 0.50 | 186 | | 161 | | |
| | | | | magnetic. Moderately hard unit, can be scratched with knife | 1243125 | 107.30 | 107.75 | 0.45 | 51 | | 35 | | |
| | | | | with some effort. Gabbro has no significant HCL reaction. | 1243126 | 107.75 | 108.25 | 0.50 | 549 | | 564 | | |
| | | | | Estimated pyrite content 1/2 to 1% generally disseminated | 1243127 | 108.25 | 109.00 | 0.75 | 385 | | 1330 | | |
| | | | | but rare stringer. | 1243128 | 109.00 | 109.70 | 0.70 | 27 | | 20 | | |
| | | | | | 1243129 | 109.70 | 110.50 | 0.80 | 39 | | 29 | | |
| 106.80 | 107.75 | Mafic Dyke | 6U | Exactly as per descripton from 90.30-91.70 inclucing | 1243130 | 110.50 | 111.00 | 0.50 | 304 | | 210 | | |
| | | | | phenocryst lathes in upper part of dyke and breccia | 1243131 | 111.00 | 111.50 | 0.50 | 40 | | 15 | | |
| | | | | fragments in lower part of dyke. Upper contact chilled and | 1243132 | 111.50 | 112.00 | 0.50 | 31 | | 28 | | |
| | | | | at 45 deg to CA.; lower contact associated with quartz vein | 1243133 | 112.00 | 112.50 | 0.50 | 12 | | 14 | | |
| | | | | and also at 45 deg to CA. A few minor qtz stringers in unit | 1243134 | 112.50 | 113.00 | 0.50 | 47 | | 52 | | |
| | | | | at or near upper contact. Competent unit with only a few | 1243135 | 113.00 | 113.50 | 0.50 | 350 | | 306 | | |
| | | | | fractures at 40 and 70 deg to CA. Unit is not magnetic and | 1243136 | 113.50 | 114.00 | 0.50 | 113 | | 73 | | |
| | | | | has no HCL reaction and unit is of moderated hardness and | 1243137 | 114.00 | 114.50 | 0.50 | 98 | | 94 | | |
| | | | | can be scratched with a knife with some difficulty. | 1243138 | 114.50 | 115.00 | 0.50 | 35 | | 37 | | |
| | | | | | 1243139 | 115.00 | 115.50 | 0.50 | 33 | | 16 | | |
| 107.75 | 109.70 | Gabbro | 6G | Small section of gabbro, mineralogical make up similar to | 1243140 | 115.50 | 116.00 | 0.50 | 85 | | 72 | | |
| | | | | initial description in this hole. Unit is medium grained & non | 1243141 | 116.00 | 116.50 | 0.50 | 210 | | 216 | | |
| | | | | magntic and greyish green in color, gabbroic texture noted. | 1243142 | 116.50 | 117.00 | 0.50 | 83 | | 59 | | |
| | | | | Unit is of moderate hardness and can be scratched with | 1243143 | 117.00 | 117.50 | 0.50 | 26 | | 34 | | |
| | | | | knife with some effort. Unit has moderate HCL reaction. | 1243144 | Blank | | | < 5 | | 5 | | |
| | | | | In first 40-50 cm below upper contact poorly developed | 1243145 | 117.50 | 118.00 | 0.50 | 6 | | 5 | | |
| | | | | quartz veinlets and clots. Block broken fault zone from | 1243146 | stdGS6A | batch 18 | | > 3000 | 3.18 | 3000 | 5.8 | |
| | | | | 109.23 - 109.70, with ground core including some quartz | 1243147 | 118.00 | 118.50 | 0.50 | 20 | | | | |
| | | | | vein material. Outside of this fault zone competent interval | 1243148 | 118.50 | 119.00 | 0.50 | 25 | | | | |
| | | | | with no signifiant slips or fractures. Note, fair amount of | 1243149 | 119.00 | 119.50 | 0.50 | 11 | | | | |
| | | | | leucoxene in this short interval proximal to quartz vein. | 1243150 | 119.50 | 120.00 | 0.50 | 134 | | | | |
| | | | | Lower contact along a slip at 20 deg to CA. | 1243151 | 120.00 | 120.50 | 0.50 | 6 | | | | |
| | | | | | 1243152 | 120.50 | 121.00 | 0.50 | 41 | | | | |
| 109.70 | 123.30 | Mafic Intrusive | 6U | This unit is thought to be the same unit intersected in hole | 1243153 | 121.00 | 121.50 | 0.50 | 20 | | | | |
| | | | | JS1312 and the porphyry target on the 250 foot level of the | 1243154 | 121.50 | 122.15 | 0.65 | < 5 | | | | |
| | | | | mine. Again the first 10-20 cm of this unit is greyish in color | | | | | | | | | |
| | | | | and appears somewhat mafic. The unit becomes quickly & | | | | | | | | | |
| | | | | pervasively moderately hematite altered throughout. There | | | | | | | | | |
| | | | | are sporadic quartz phenocrysts locally throughout unit, a | | | | | | | | | |
| | | | | poorly developed porphyry. The unit fine to medium grained | | | | | | | | | |
| | | | | but leaning towards fine grained. Moderately hard unit in | | | | | | | | | |
| | | | | this section that can be scratched with knife. Unit is non | | | | | | | | | |
| | | | | magnetic and has moderate HCL reaction. Competent but | | | | | | | | | |
| | | | | a fair number of small slips at 15 deg to CA from 118 to | | | | | | | | | |
| | | | | lower contact. Some blocky sections such as at 120-120.5. | | | | | | | | | |
| | | | | Outside of this area pretty minor slips locally at about 15 | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | deg to CA qnd a few fractures at 45 deg to CA. | | | | | | | | | |
| | | | | At 122.15 fault zone, upper contact 15 deg to C.A, and | | | | | | | | | |
| | | | | lower contact at 50 deg to CA at 122.4. Basically a zone of | | | | | | | | | |
| | | | | rubble in fault zone, included in this is some ground quartz. | | | | | | | | | |
| | | | | A number of hairline quartz stringers at 45 deg to CA | | | | | | | | | |
| | | | | and usually containing some fine pyrite. Unit has a lot of | | | | | | | | | |
| | | | | fine disseminated pyrite through out it. Pyrite content | | | | | | | | | |
| | | | | estimate 5% overall. | | | | | | | | | |
| | | | | Overall a very homogeneous looking unit and beyond first | | | | | | | | | |
| | | | | 20 cm has a pinkish grey color throughout on fresh surface. | | | | | | | | | |
| | | | | Exception area close to contact more greyish, less altered. | | | | | | | | | |
| | | | | At 122.4, intrusive is more grey and unaltered after fault | | | | | | | | | |
| | | | | for a few cm; the intrusive then has a partially ground | | | | | | | | | |
| | | | | contact with brecciated quartz vein at 122.55-122.93. | | | | | | | | | |
| | | | | Lower contact of vein at 85 deg to CA in association with | | | | | | | | | |
| | | | | a small raft of gabbro within dyke. Lower contact of | | | | | | | | | |
| | | | | unalterd intrusive with gabbro below at 45 deg to CA. at | | | | | | | | | |
| | | | | 123.30. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 123.30 | 146.35 | Gabbro | 6G | at 123.30 to 138.19 | 1243155 | 122.15 | 122.55 | 0.30 | 29 | | | | |
| | | | | Gabbro unit is as per original description in this hole with | 1243156 | 122.55 | 122.93 | 0.38 | < 5 | | | | |
| | | | | respect to minerology. Unit is more medium to coarse | 1243157 | 122.93 | 123.30 | 0.37 | < 5 | | | | |
| | | | | grained. The unit is greyish green in color and fairly | 1243158 | 123.30 | 124.00 | 0.70 | 592 | | | | |
| | | | | plagioclase rich (about 40-50%). Moderately hard unit that | 1243159 | 124.00 | 125.00 | 1.00 | 250 | | | | |
| | | | | can be scratched with knife with some effort. Unit is | 1243160 | 125.00 | 126.00 | 1.00 | 395 | | | | |
| | | | | magnetic with the exception of a bleached area with a | 1243161 | 126.00 | 127.00 | 1.00 | 449 | | | | |
| | | | | series of quartz stringers (85 & 30 deg to CA) from about | 1243162 | 127.00 | 128.00 | 1.00 | 502 | | | | |
| | | | | 130.15 to 131.75. This bleached section also has a strong | 1243163 | 128.00 | 129.00 | 1.00 | 269 | | | | |
| | | | | HCL reaction while outside of bleached section no reaction. | 1243164 | 129.00 | 130.15 | 1.15 | 8 | | | | |
| | | | | Within bleached section good gabbroic texture typical of this | 1243165 | 130.15 | 131.00 | 0.85 | 15 | | | | |
| | | | | interval is masked on fresh surface. Small quartz vein noted | 1243166 | 131.00 | 131.75 | 0.60 | 18 | | | | |
| | | | | at 133.9 to 134.15 with contacts upper at lower at 45 at 15 | 1243167 | 131.75 | 132.00 | 0.25 | 42 | | | | |
| | | | | deg to CA respectively. Outside of the bleached area and | 1243168 | 132.00 | 133.00 | 1.00 | 167 | | | | |
| | | | | this small quartz vein, only a few minor quartz stringers. | 1243169 | 133.00 | 133.90 | 0.90 | 1280 | | | | 1.84 |
| | | | | Occassional small granitic veinlet such as at 128.95 and | 1243170 | 133.90 | 134.15 | 0.25 | 264 | | | | |
| | | | | 129.30 a couple of cm wide. This section of gabbro is | 1243171 | 134.15 | 134.50 | 0.35 | 1380 | | | | |
| | | | | very competent looking with a few minor slips at 15 deg to | 1243172 | 134.50 | 135.00 | 0.50 | 252 | | | | |
| | | | | CA an a few fractures at about 70 deg to CA. Minor pyrite | 1243173 | 135.00 | 136.00 | 1.00 | 862 | | | | |
| | | | | noted, 1/2% approximately and in dissminated form. | 1243174 | 136.00 | 137.00 | 1.00 | 431 | | | | |
| | | | | Note, some leucoxene noted in association with bleached | 1243175 | 137.00 | 138.00 | 1.00 | 89 | | | | |
| | | | | area documented above | 1243176 | 138.00 | 139.00 | 1.00 | 129 | | | | |
| | | | | | | | | | | | | | |
| | | | | 138.19-146.35 | | | | | | | | | |
| | | | | Gabbro, again as per original mineralogical description at | | | | | | | | | |
| | | | | start of this hole. This is a greyish green unit on fresh | | | | | | | | | |
| | | | | surface. Unit is more medium to coarse grained and fairly | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | plagioclase rich (40-50%). Moderately hard unit that can | | | | | | | | | |
| | | | | be scratched with a knife with effort. Unit is moderately | | | | | | | | | |
| | | | | magnetic has no reaction to HCL. Competent unit with a few | 1243177 | 139.00 | 140.00 | 1.00 | 7 | | | | |
| | | | | slips at 20 deg to CA and fractures at about 65 deg to CA. | 1243178 | 140.00 | 141.00 | 1.00 | 347 | | | | |
| | | | | Small fault with some oxidation along fault plane at 145.7 to | 1243179 | 141.00 | 142.00 | 1.00 | 239 | | | | |
| | | | | 146.20, upper contact 20 deg to CA and lower contact, 45 | 1243180 | Blank | | | < 5 | | | | |
| | | | | deg to CA. Some local patchy epidote alteration. | 1243181 | 142.00 | 143.00 | 1.00 | 229 | | | | |
| | | | | Occassional rare quartz stringer and rare stinger of | 1243182 | stdGSP7E | batch 19 | | 790 | | | | |
| | | | | granitic material. Trace of pyrite at best. Note this unit has | 1243183 | 143.00 | 144.00 | 1.00 | 83 | | | | |
| | | | | good gabbroic texture on fresh surface. Lower contact | 1243184 | 144.00 | 145.00 | 1.00 | 51 | | | | |
| | | | | with mafic dyke sharp at 70 deg to CA and a bit of a chill | 1243185 | 145.00 | 146.00 | 1.00 | 34 | | | | |
| | | | | margin above dyke. | 1243186 | 146.00 | 146.35 | 0.35 | 27 | | | | |
| | | | | | 1243187 | 146.35 | 147.00 | 0.65 | < 5 | | | | |
| 146.35 | 149.16 | Mafic Dyke | 6U | Exactly as per descripton from 90.30-91.70 including | 1243188 | 147.00 | 148.00 | 1.00 | < 5 | | | | |
| | | | | phenocryst lathes in upper part of dyke and breccia | 1243189 | 148.00 | 149.16 | 1.16 | 22 | | | | |
| | | | | fragments in lower part of dyke. This unit is fine grained, & | 1243190 | 149.16 | 150.00 | 0.84 | 7 | | | | |
| | | | | kind of a light grey color on fresh surface. The unit is non | | | | | | | | | |
| | | | | magnetic and has no HCL reaction. The unit is of moderate | | | | | | | | | |
| | | | | hardness and can be scratched with a knife with some | | | | | | | | | |
| | | | | effort. Competent unit with few minor slips at 15-20 deg to | | | | | | | | | |
| | | | | CA and occassional fracture at about 70 deg to CA. Local | | | | | | | | | |
| | | | | pyrite splashes but other that this basically trace pyrite. | | | | | | | | | |
| | | | | One small quartz veinlet noted at 148.70 a cm wide max at | | | | | | | | | |
| | | | | 90 degrees to CA. Breccia fragments in this unit subangular | | | | | | | | | |
| | | | | ranging from less than a cm. to a few cm across of various | | | | | | | | | |
| | | | | volcanic and intrusive compositions. This dyke possibly | | | | | | | | | |
| | | | | termed a diatreme? Lower contact sharp and at 45 deg to | | | | | | | | | |
| | | | | CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 149.16 | 200.00 | Gabbro | 6G | at 149.16 to 155.5 | | | | | | | | | |
| | | | | Gabbro unit with mineralogical make up similar to that | 1243191 | 150.00 | 151.00 | 1.00 | 6 | | | | |
| | | | | described in first gabbroic interval in this hole. This interval | 1243192 | 151.00 | 152.00 | 1.00 | 368 | | | | |
| | | | | in medium to coarser grained and greyish green in color on | 1243193 | 152.00 | 153.00 | 1.00 | 5 | | | | |
| | | | | fresh surface. The unit is a more plagioclase rich gabbro | 1243194 | 153.00 | 154.00 | 1.00 | < 5 | | | | |
| | | | | (plag content approaching 40% or so; unit exhibits good | 1243195 | 154.00 | 155.00 | 1.00 | 6 | | | | |
| | | | | gabbroic texture. Variable response to magnet but for the | 1243196 | 155.00 | 156.00 | 1.00 | < 5 | | | | |
| | | | | most part strongly magnetic, a few sections which are | | | | | | | | | |
| | | | | non magnetic. No reaction to HCL. Unit is of moderate | | | | | | | | | |
| | | | | hardness and can be scratched with knife with difficulty. | | | | | | | | | |
| | | | | Unit has a few epidote stringers and some minor epidote | | | | | | | | | |
| | | | | alteration over a few 10's of cm. Rare quartz veinlet <1cm | | | | | | | | | |
| | | | | at 151.75 at 30 deg to CA. Trace of pyrite at best. | | | | | | | | | |
| | | | | This interval very competent with rare fracture or two at | | | | | | | | | |
| | | | | 45 deg to CA and occassional slip at 20 deg to CA; epidote | | | | | | | | | |
| | | | | stringers mentioned above associated with these and | | | | | | | | | |
| | | | | generally in same orientations. | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | at 155.5 to 173 | | | | | | | | | |
| | | | | Again gabbro unit with mineralogical make up similar to that | 1243197 | 156.00 | 157.00 | 1.00 | < 5 | | | | |
| | | | | described in first gabbroic interval in this hole. This unit is | 1243198 | 157.00 | 157.25 | 0.25 | 10 | | | | |
| | | | | medium to coarser grained and greyish green color on | 1243199 | 157.25 | 158.15 | 0.90 | 5 | | | | |
| | | | | fresh surface. Again a more plagioclase rich unit with plag | 1243200 | 158.15 | 159.00 | 0.85 | 64 | | | | |
| | | | | estimated to be around 40%. For the most part good part | 1243201 | 159.00 | 160.00 | 1.00 | 9 | | | | |
| | | | | good gabbroic texture noted. Some localized strongly | 1243202 | 160.00 | 161.00 | 1.00 | < 5 | | | | |
| | | | | bleached areas such as at 157.25-158.15, 161.75-162.40, | 1243203 | 161.00 | 161.75 | 0.75 | < 5 | | | | |
| | | | | 166.85 to 167. From about 169.30 to 173 more light greyish | 1243204 | 161.75 | 162.40 | 0.65 | 1970 | | | | 2.21 |
| | | | | weakly bleached and masking of gabbroic texture. | 1243205 | 162.40 | 163.00 | 0.60 | 752 | | | | |
| | | | | Sporadic magnetic response for the most part strong but | 1243206 | 163.00 | 164.00 | 1.00 | 1660 | | | | |
| | | | | in strongly bleached areas such as short intervals above | 1243207 | 164.00 | 165.00 | 1.00 | 37 | | | | |
| | | | | no response and areas where gabbroic texture is masked | 1243208 | 165.00 | 166.00 | 1.00 | < 5 | | | | |
| | | | | more erratic response. HCL response variable, in fresh | 1243209 | 166.00 | 166.85 | 0.85 | < 5 | | | | |
| | | | | gabbro with good gabbroic texture poor to non existant | 1243210 | 166.85 | 167.65 | 0.80 | 165 | | | | |
| | | | | response but weakly bleached areas with masked gabbroic | 1243211 | 167.65 | 168.00 | 0.35 | 97 | | | | |
| | | | | texture weak response. Strongly bleached areas such as | 1243212 | 168.00 | 169.00 | 1.00 | 10 | | | | |
| | | | | those mentioned above have HCL response. Very few | 1243213 | 169.00 | 170.00 | 1.00 | 125 | | | | |
| | | | | quartz stringers or veinlets noted but generally associated | 1243214 | 170.00 | 171.00 | 1.00 | < 5 | | | | |
| | | | | with three strongly bleached intervals noted above. | 1243215 | 171.00 | 172.00 | 1.00 | < 5 | | | | |
| | | | | Stringers at 80-90 deg to CA generally when present. | 1243216 | Blank | | | < 5 | | | | |
| | | | | Moderately hard unit that can be scratched with knife with | 1243217 | 172.00 | 173.00 | 1.00 | < 5 | | | | |
| | | | | some effort. Competent unit with a number of small sips | 1243218 | stdGS6A | batch 20 | | > 3000 | 6.04 | | | |
| | | | | at 20 deg to CA and a few fractures at 45 & 70 deg to CA. | | | | | | | | | |
| | | | | Minor fault with some gouge at 157.5 at 45 deg to CA and | | | | | | | | | |
| | | | | some quartz assoc. with fault from 157.25-157.50. Some | | | | | | | | | |
| | | | | local pathy epidote note and proximal to bleached spots | | | | | | | | | |
| | | | | documented above occassionally some leucoxene. | | | | | | | | | |
| | | | | Minor pyrite trace to 1/2% overall slightly more in sections | | | | | | | | | |
| | | | | with bleaching. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 173.00 to 190 | 1242319 | 173.00 | 174.00 | 1.00 | 23 | | | | |
| | | | | Gabbro unit as per initial description in this hole with respect | 1242320 | 174.00 | 174.70 | 0.70 | 6 | | | | |
| | | | | to mineralogical make up of gabbro. This unit is medium | 1242321 | 174.70 | 175.20 | 0.50 | 7 | | | | |
| | | | | grained with a light greyish color on fresh surface. Classic | 1242322 | 175.20 | 176.00 | 0.80 | < 5 | | | | |
| | | | | gabbroic texture masked in about 70% of this interval on | 1242323 | 176.00 | 177.00 | 1.00 | 44 | | | | |
| | | | | fresh surface due to bleaching. This particular section is | 1242324 | 177.00 | 178.00 | 1.00 | < 5 | | | | |
| | | | | has a variable response to magnet. Generally speaking | 1242325 | 178.00 | 178.50 | 0.50 | 26 | | | | |
| | | | | areas with masked gabbroic texture have weaker to non | 1242326 | 178.50 | 179.00 | 0.50 | 12 | | | | |
| | | | | existant response and inverse for areas with good | 1242327 | 179.00 | 180.00 | 1.00 | < 5 | | | | |
| | | | | evident gabbroic texture. These bleached grey areas with | 1242328 | 180.00 | 181.00 | 1.00 | < 5 | | | | |
| | | | | masked gabbroic texture and minor magnetic response | 1242329 | 181.00 | 182.00 | 1.00 | < 5 | | | | |
| | | | | compared less bleached grey areas suggest the bleached | 1243230 | 182.00 | 183.0 | 1.00 | < 5 | | | | |
| | | | | grey areas represent some sort of alteration system. | 1243231 | 183.00 | 184.00 | 1.00 | < 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Basically no reaction to HCL in gabbro but some reaction | | | | | | | | | |
| | | | | where proximal to hair like quartz calcite stingers. The unit | 1243232 | 184.00 | 185.00 | 1.00 | < 5 | | | | |
| | | | | has a few stringers of quartz /quartz calcite locally but a | 1243233 | 185.00 | 186.00 | 1.00 | < 5 | | | | |
| | | | | fair number are noted from 174-175.2, these are at 70-90 | 1243234 | 186.00 | 187.00 | 1.00 | < 5 | | | | |
| | | | | deg to CA generally. Very competent unit with few minor | 1243235 | 187.00 | 188.00 | 1.00 | < 5 | | | | |
| | | | | slips at 15-20 deg to CA and some very minor fracturing at | 1243236 | 188.00 | 189.00 | 1.00 | < 5 | | | | |
| | | | | about 45 deg to CA. A number of epidote stringers present | 1243237 | 189.00 | 190.00 | 1.00 | < 5 | | | | |
| | | | | which generally parallel the orientation of slips & fractures | 1243238 | 190.00 | 191.00 | 1.00 | < 5 | | | | |
| | | | | or they are within them. Also some patchy epidote locally | | | | | | | | | |
| | | | | through this section over 10's of cm. The unit overall is | | | | | | | | | |
| | | | | mocerately hard and can be scratched with a knife with | | | | | | | | | |
| | | | | effort.There is a distinct increase in pyrite in this interval | | | | | | | | | |
| | | | | compared to unit above, estimated pyrite content overall | | | | | | | | | |
| | | | | 2-2.5% but locally up to 4% such as section from 174-175.2 | | | | | | | | | |
| | | | | A pyrhotite stringer at 175.32 assoc. with some clots of | | | | | | | | | |
| | | | | pyrite. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | At 190 to 200 m. | | | | | | | | | |
| | | | | Again a gabbro unit, mineralogical description as per | | | | | | | | | |
| | | | | initial description in this hole. Unit is medium grained and | 1243239 | 191.00 | 192.00 | 1.00 | < 5 | | | | |
| | | | | again has a light greyish weakly bleached color. Classic | 1243240 | 192.00 | 193.00 | 1.00 | < 5 | | | | |
| | | | | gabbroic texture masked once again on fresh surface. | 1243241 | 193.00 | 194.00 | 1.00 | 5 | | | | |
| | | | | Unit is for the most part non-magnetic, locally magnetic | 1243242 | 194.00 | 195.00 | 1.00 | 16 | | | | |
| | | | | particularily where gabbroic texture slightly more evident | 1243243 | 195.00 | 196.00 | 1.00 | < 5 | | | | |
| | | | | and not as masked. Rare quart stringer and veinlet (<1cm) | 1243244 | 196.00 | 197.00 | 1.00 | < 5 | | | | |
| | | | | noted and a few epidote stringers. Very competent interval | 1243245 | 197.00 | 198.00 | 1.00 | 8 | | | | |
| | | | | with occassional slip at 15 deg to CA and a few fractures | 1243246 | 198.00 | 199.00 | 1.00 | 20 | | | | |
| | | | | at 45 deg to CA. Unit is of moderate hardness and can be | 1243247 | 199.00 | 200.00 | 1.00 | 9 | | | | |
| | | | | scratched with knife with effort. No HCL reaction to gabbro. | | | | | | | | | |
| | | | | Fair amount of sulphides in this section, disseminated pyrite | | | | | | | | | |
| | | | | and a few stringers. Estimate 2.5% pyrite. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | EOH: 200 M. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Downhole Tests: | | | | | | | | | |
| | | | | Depth: 6M Az: 140.40 Dip:-59.8 | | | | | | | | | |
| | | | | Depth: 100M Az: 146.6 Dip:-61.1 | | | | | | | | | |
| | | | | Depth: 200M Az:155.8 Dip:-61.4 (good test ? non mag 200m) | | | | | | | | | |
| | | | | Core stored at SGX Resources faciltites in Timmins Ontario | | | | | | | | | |

# SGX RESOURCES

**Prospect: Verification of Old Hole 87-22** | **Grid Location: L40W ST50N** | **Drill Company:**
**DDH: JS1310** | **Azimuth/Dip: 135/-45** | **UTM:560235E 5336192N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L512579** | **EOH:152.00** | **Date Started: 2/9/2013 Date Finished: 2/12/2013** | K. Filo

| *From* | *To* | *Rock Type* | *Code* | *Description* | *Sample#* | *From* | *To* | *Meters* | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 2.00 | Casing | CAS | Note, casing left in hole. | | | | | | | | | |
| 2.00 | 133.04 | Gabbro | 6G | Description at 2-20 m. | 1243248 | 2.00 | 3.00 | 1.00 | < 5 | | | | |
| | | | | Gabbro unit is greenish to very light grey in color depending | 1243249 | 3.00 | 4.00 | 1.00 | 11 | | | | |
| | | | | on amount of ferro-magnesium minerals. The unit is coarse | 1243250 | 4.00 | 5.00 | 1.00 | 12 | | | | |
| | | | | grained and this section comprised of a greenish mineral | 1243251 | 5.00 | 6.00 | 1.00 | < 5 | | | | |
| | | | | thought to be hornblende, a hard black mineral being a | 1243252 | Blank | | | < 5 | | | | |
| | | | | pyroxene (likely augite) and plagioclase feldspar. The | 1243253 | 6.00 | 7.00 | 1.00 | < 5 | | | | |
| | | | | feldspar may make up 30- 50% of unit with ferro-mag | 1243254 | StdGS1J | Batch 21 | | 963 | | | | |
| | | | | minerals ranging from 50-70% with the greenish | 1243255 | 7.00 | 8.00 | 1.00 | < 5 | | | | |
| | | | | amphibole (hornblende) being dominant. Some minor | 1243256 | 8.00 | 9.00 | 1.00 | < 5 | | | | |
| | | | | accessory quartz noted rarely. In this particular interval | 1243257 | 9.00 | 10.00 | 1.00 | < 5 | | | | |
| | | | | plagioclase feldspar component high 45-50%. | 1243258 | 10.00 | 11.00 | 1.00 | < 5 | | | | |
| | | | | The unit has a weak to strong magnetic response pretty | 1243259 | 11.00 | 12.00 | 1.00 | < 5 | | | | |
| | | | | much throughout interval. Gabbroic unit has no HCL | 1243260 | 12.00 | 13.00 | 1.00 | 9 | | | | |
| | | | | response. The unit is of moderate hardness and can be | 1243261 | 13.00 | 14.00 | 1.00 | < 5 | | | | |
| | | | | scratched with a knife with some effort. Obviously harder | 1243262 | 14.00 | 15.00 | 1.00 | 6 | | | | |
| | | | | to scratch sections enriched in plagioclase. No significant | 1243263 | 15.00 | 16.00 | 1.00 | < 5 | | | | |
| | | | | quartz veining but a few epidote stringers. Very competent | 1243264 | 16.00 | 17.00 | 1.00 | < 5 | | | | |
| | | | | unit with a few minor slips at 15 deg to CA and a few | 1243265 | 17.00 | 18.00 | 1.00 | < 5 | | | | |
| | | | | minor fractures at 45 deg to CA. Estimate of about 3% fine | 1243266 | 18.00 | 19.00 | 1.00 | < 5 | | | | |
| | | | | pyrite. Unit exbibits classic gabbroic texture | 1243267 | 19.00 | 20.00 | 1.00 | < 5 | | | | |
| | | | | | 1243268 | 20.00 | 21.00 | 1.00 | < 5 | | | | |
| | | | | Description at 20-36.62 | 1243269 | 21.00 | 22.00 | 1.00 | < 5 | | | | |
| | | | | Gabbro unit as above and mineralogical description as | 1243270 | 22.00 | 23.00 | 1.00 | < 5 | | | | |
| | | | | per initial descripton above. This unit is coarse grained | 1243271 | 23.00 | 24.00 | 1.00 | < 5 | | | | |
| | | | | a light grey to greenish color. Again this section fairly rich | 1243272 | 24.00 | 25.00 | 1.00 | < 5 | | | | |
| | | | | in feldspar (45-50%) component. This interval exhibits | 1243273 | 25.00 | 26.00 | 1.00 | < 5 | | | | |
| | | | | good gabbroic texture and is magnetic throughout. Gabbro | 1243274 | 26.00 | 27.00 | 1.00 | < 5 | | | | |
| | | | | has no HCL reaction. No significant quartz veinlets or | 1243275 | 27.00 | 28.00 | 1.00 | 7 | | | | |
| | | | | stringers noted. A few minor epidote stringers locally & | 1243276 | 28.00 | 29.00 | 1.00 | < 5 | | | | |
| | | | | some patchy epidote alteration locally over 10`s of cm. | 1243277 | 29.00 | 30.00 | 1.00 | < 5 | | | | |
| | | | | Unit is of moderate hardness and can be scratched with | 1243278 | 30.00 | 31.00 | 1.00 | < 5 | | | | |
| | | | | a knife with some effort. The unit is fairly competent | 1243279 | 31.00 | 32.00 | 1.00 | < 5 | | | | |
| | | | | with a number of slips at 15-30 deg to CA and fractures | 1243280 | 32.00 | 33.00 | 1.00 | < 5 | | | | |
| | | | | at 45 deg to CA. Some blocky broken core in small minor | 1243281 | 33.00 | 34.00 | 1.00 | < 5 | | | | |
| | | | | fault from 34.60-34.85, upper contact 10 deg to CA & lower | 1243282 | 34.00 | 35.00 | 1.00 | < 5 | | | | |
| | | | | contact ground. Some slickenslides noted on slip plane. | 1243283 | 35.00 | 36.00 | 1.00 | < 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Some pyrite, disseminated and a few stringers, estimate | | | | | | | | |
| | | | | 3%. | 1243284 | 36.00 | 37.00 | 1.00 | < 5 | | | |
| | | | | | 1243285 | 37.00 | 38.00 | 1.00 | < 5 | | | |
| | | | | Description at 36.62 - 54.00 | 1243286 | 38.00 | 39.00 | 1.00 | < 5 | | | |
| | | | | No siginificant change from intervals above, gabbro unit that | 1243287 | 39.00 | 40.00 | 1.00 | 400 | | | |
| | | | | with minerology as per initial description above. This | 1243288 | Blank | | | < 5 | | | |
| | | | | interval is coarse grained and light grey to greenish color | 1243289 | 40.00 | 41.00 | 1.00 | < 5 | | | |
| | | | | on fresh surface; leaning towards light grey as unit rich in | 1243290 | stdGS1J | Batch22 | | 996 | | | |
| | | | | plagioclase feldspar component (40-45%). Classic typical | 1243291 | 41.00 | 42.00 | 1.00 | 8 | | | |
| | | | | gabbroic texture noted throughout unit. For the most part a | 1243292 | 42.00 | 43.00 | 1.00 | < 5 | | | |
| | | | | strongly magnetic unit with some minor local areas that are | 1243293 | 43.00 | 44.00 | 1.00 | 11 | | | |
| | | | | weak to non magnetic. Some minor quartz veinlets< 1cm | 1243294 | 44.00 | 45.00 | 1.00 | < 5 | | | |
| | | | | assoc with some epidote at 47.05, 52.85, and 53.10, areas | 1243295 | 45.00 | 46.00 | 1.00 | < 5 | | | |
| | | | | proximal to these areas non magnetic or weakly magnetic. | 1243296 | 46.00 | 47.00 | 1.00 | < 5 | | | |
| | | | | Also a number of epidote stringers and some patchy | 1243297 | 47.00 | 48.00 | 1.00 | < 5 | | | |
| | | | | localized epidote over 10's of cm. Competent interval for the | 1243298 | 48.00 | 49.00 | 1.00 | < 5 | | | |
| | | | | most part, small blocky broken interval from 47.5 to 47.75 | 1243299 | 49.00 | 50.00 | 1.00 | < 5 | | | |
| | | | | representing minor fault, upper contact 45 deg to CA and | 1243300 | 50.00 | 51.00 | 1.00 | < 5 | | | |
| | | | | lower contact 70 deg to CA. Outside of this a number of | 1243301 | 51.00 | 52.00 | 1.00 | < 5 | | | |
| | | | | minor slips generally at 20 deg to CA and a few fractures | 1243302 | 52.00 | 53.00 | 1.00 | < 5 | | | |
| | | | | at 45 deg to CA. This unit is of moderate hardness and can | 1243303 | 53.00 | 54.00 | 1.00 | < 5 | | | |
| | | | | be scratched with a knife with effort. Gabbro has no HCL | | | | | | | | |
| | | | | reaction. Pyrite content in this unit estimated at 2%. | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | Description 54.00-72.52 | | | | | | | | |
| | | | | Again, no significant change from initial interval at start of | 1243304 | 54.00 | 55.00 | 1.00 | < 5 | | | |
| | | | | this hole, again a gabbro unit with mineralogical make up as | 1243305 | 55.00 | 56.00 | 1.00 | < 5 | | | |
| | | | | per inteval described at start of hole. This section is coarse | 1243306 | 56.00 | 57.00 | 1.00 | < 5 | | | |
| | | | | grained and light greyish to greenish color. Again this | 1243307 | 57.00 | 58.00 | 1.00 | < 5 | | | |
| | | | | section has more plagioclase (40-45%) and thus color leans | 1243308 | 58.00 | 59.00 | 1.00 | < 5 | | | |
| | | | | towards light greyish. Classic typical gabbroic texture noted | 1243309 | 59.00 | 60.00 | 1.00 | 29 | | | |
| | | | | again. Unit is moderately hard but can be scratched with | 1243310 | 60.00 | 61.00 | 1.00 | 194 | | | |
| | | | | knife with some effort; gabbro itself has no HCL reaction. | 1243311 | 61.00 | 62.00 | 1.00 | 499 | | | |
| | | | | For the most part strongly magnetic with some local spots | 1243312 | 62.00 | 63.00 | 1.00 | 453 | | | |
| | | | | that are weak and/or non magnetic. Again a competent unit | 1243313 | 63.00 | 64.00 | 1.00 | 431 | | | |
| | | | | with a few minor slips at about 20 deg to CA. generally at | 1243314 | 64.00 | 65.00 | 1.00 | 12 | | | |
| | | | | 45 and 70 deg to CA. A few minor quartz vein 2-4 cm wide | 1243315 | 65.00 | 66.00 | 1.00 | < 5 | | | |
| | | | | at 60.85 assoc with slip at 15 deg to CA.,2nd vein at 67 | 1243316 | 66.00 | 67.00 | 1.00 | < 5 | | | |
| | | | | at about 3 cm wide and 45 deg to CA, 3rd small vein at | 1243317 | 67.00 | 68.00 | 1.00 | 28 | | | |
| | | | | 69.48 to 69.52 at 45 de to CA., also small stringer at 60 m | 1243318 | 68.00 | 69.00 | 1.00 | < 5 | | | |
| | | | | about 2 cm wide and 45 deg to CA. A number of minor | 1243319 | 69.00 | 70.00 | 1.00 | < 5 | | | |
| | | | | epidote stringers generally assoc. with slips and fractures. | 1243320 | 70.00 | 71.00 | 1.00 | 14 | | | |
| | | | | Also, some patchy epidote alteration between 59.5-63. | 1243321 | 71.00 | 72.00 | 1.00 | < 5 | | | |
| | | | | Estimated pyrite content 1%. | 1243322 | 72.00 | 73.00 | 1.00 | < 5 | | | |
| | | | | | 1243323 | 73.00 | 73.70 | 0.70 | < 5 | | | |
| | | | | | 1243324 | Blank | | | < 5 | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | Description at 72.52 to 88.80 | 1243325 | 73.70 | 73.90 | 0.20 | > 3000 | 5.95 | | | |
| | | | | Basically same unit as described in last interval, no | 1243326 | stdGSP7E | Batch23 | | 835 | | | | |
| | | | | significant chage. Again coarse grained, light greyish to | 1243327 | 73.90 | 75.00 | 1.10 | 10 | | | | |
| | | | | greenish color, enriched in plagioclase feldspar thus leaning | 1243328 | 75.00 | 76.00 | 1.00 | < 5 | | | | |
| | | | | towards light greyish color. Unit is coarse grained and | 1243329 | 76.00 | 77.00 | 1.00 | 17 | | | | |
| | | | | exhibits good gabbroic texture. Sporadic response to | 1243330 | 77.00 | 78.00 | 1.00 | 56 | | | | |
| | | | | magnet, some section which are non magnetic over 10's of | 1243331 | 78.00 | 79.00 | 1.00 | 7 | | | | |
| | | | | cm. Unit is fairly hard but can be scratched with a knife with | 1243332 | 79.00 | 80.00 | 1.00 | 51 | | | | |
| | | | | effort. Gabbro unit has no HCL reponse. Competent unit | 1243333 | 80.00 | 81.00 | 1.00 | 30 | | | | |
| | | | | with a minimal number of minor slips at 20 deg to CA and a | 1243334 | 81.00 | 82.00 | 1.00 | < 5 | | | | |
| | | | | few fractures at 45 deg to CA. From 76.5 -81.5 a few | 1243335 | 82.00 | 83.00 | 1.00 | 991 | | | | |
| | | | | minor sporadic quartz veinlets less than 2.5 cm. Outside | 1243336 | 83.00 | 84.00 | 1.00 | 33 | | | | |
| | | | | of this area only one poorly developed vein with a lot of | 1243337 | 84.00 | 85.00 | 1.00 | 78 | | | | |
| | | | | wall rock from 73.70 - 73.90. A few clots of pyrite noted | 1243338 | 85.00 | 86.00 | 1.00 | < 5 | | | | |
| | | | | in this quartz. Again a few epidote stringers through unit | 1243339 | 86.00 | 87.00 | 1.00 | 15 | | | | |
| | | | | and some local patchy epidote. Estimated pyrite content 1% | 1243340 | 87.00 | 88.00 | 1.00 | 46 | | | | |
| | | | | maximum. | 1243341 | 88.00 | 89.00 | 1.00 | 2480 | | | | |
| | | | | | | | | | | | | | |
| | | | | Description at 88.80 to 106.12 | 1243342 | 89.00 | 90.00 | 1.00 | 2610 | | | | 0.55 |
| | | | | Gabbroic unit with same mineralogical make up as initial | 1243343 | 90.00 | 91.00 | 1.00 | 5 | | | | |
| | | | | description for this hole. Coarse grained unit exhibiting good | 1243344 | 91.00 | 92.00 | 1.00 | < 5 | | | | |
| | | | | gabbroic texture. This particular interval is light greyish to | 1243345 | 92.00 | 93.00 | 1.00 | < 5 | | | | |
| | | | | greenish color on fresh surface. Significant plag feldspar | 1243346 | 93.00 | 94.00 | 1.00 | < 5 | | | | |
| | | | | component to this section (estimate 40%) and thus leaning | 1243347 | 94.00 | 95.00 | 1.00 | < 5 | | | | |
| | | | | more towards light greyish color. Sporadic response to | 1243348 | 95.00 | 96.00 | 1.00 | < 5 | | | | |
| | | | | magnet, mainly strongly magnetic but certain intervals | 1243349 | 96.00 | 97.00 | 1.00 | < 5 | | | | |
| | | | | are totally non-magnetic. Moderately hard unit that can | 1243350 | 97.00 | 98.00 | 1.00 | 8 | | | | |
| | | | | be scratched with knife with some effort, no HCL reaction | 1243351 | 98.00 | 99.00 | 1.00 | < 5 | | | | |
| | | | | in gabbro. Competent unit with a few minor slips at 15 deg | 1243352 | 99.00 | 100.00 | 1.00 | 90 | | | | |
| | | | | to CA and a few fractures 45 deg to CA. At 101.5 to 102.5 | 1243353 | 100.00 | 101.00 | 1.00 | < 5 | | | | |
| | | | | a number of quartz veins a few cm wide at 45 deg to CA. | 1243354 | 101.00 | 101.50 | 0.50 | < 5 | | | | |
| | | | | There is some minor fine sulphides assoc. with veining in | 1243355 | 101.50 | 102.00 | 0.50 | < 5 | | | | |
| | | | | this section. Some bleaching assoc. with section with | 1243356 | 102.00 | 102.50 | 0.50 | 8 | | | | |
| | | | | veins. Outside of this no significant veining. Pyrite | 1243357 | 102.50 | 103.00 | 0.50 | 13 | | | | |
| | | | | content in this interval estimated at 2%. | 1243358 | 103.00 | 104.00 | 1.00 | < 5 | | | | |
| | | | | | 1243359 | 104.00 | 105.00 | 1.00 | < 5 | | | | |
| | | | | Description at 106.12 to 123.48 | 1243360 | Blank | | | < 5 | | | | |
| | | | | Gabbroic unit with same mineralogical make up as initial | 1243361 | 105.00 | 106.00 | 1.00 | < 5 | | | | |
| | | | | description for this hole. Coarse to medium grained unit. In | 1243362 | std GSP7E | batch 24 | | 783 | | | | |
| | | | | this particular interval the gabbroic texture starts to become | 1243363 | 106.00 | 107.00 | 1.00 | < 5 | | | | |
| | | | | masked and slightly bleached. The extent of masking and | 1243364 | 107.00 | 108.00 | 1.00 | 11 | | | | |
| | | | | bleaching varies from 106.12- 121.00. At about 121 to end | 1243365 | 108.00 | 109.00 | 1.00 | 85 | | | | |
| | | | | of interval gabbroic texture masked and weak bleaching | 1243366 | 109.00 | 110.00 | 1.00 | 6 | | | | |
| | | | | evident on fresh surface. Overall color of unit is a bleached | 1243367 | 110.00 | 111.00 | 1.00 | < 5 | | | | |
| | | | | light grey. Still a significant plagioclase component to unit, | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| | | | | to this interval estimated at 35-40%.Moderately hard interval | 1243368 | 111.00 | 112.00 | 1.00 | < 5 | | | | |
| | | | | that can be scratched with a knife with some effort. | 1243369 | 112.00 | 113.00 | 1.00 | < 5 | | | | |
| | | | | Variable magnetic response but for the most part non- | 1243370 | 113.00 | 114.00 | 1.00 | < 5 | | | | |
| | | | | magnetic to weakly magnetic. Unit has no HCL reaction. | 1243371 | 114.00 | 115.00 | 1.00 | 8 | | | | |
| | | | | No quartz veins or stringers of significance in this interval. | 1243372 | 115.00 | 116.00 | 1.00 | < 5 | | | | |
| | | | | Significant but minor slip from 106.9 to 107.40 subparallel to | 1243373 | 116.00 | 117.00 | 1.00 | < 5 | | | | |
| | | | | CA. Outside of the aforementioned slip a few other smaller | 1243374 | 117.00 | 118.00 | 1.00 | < 5 | | | | |
| | | | | minor slips at about 15 deg to CA and a few fractures at | 1243375 | 118.00 | 119.00 | 1.00 | < 5 | | | | |
| | | | | 45 deg to CA. Overall pretty competent unit. A few minor | 1243376 | 119.00 | 120.00 | 1.00 | < 5 | | | | |
| | | | | epidote stringers noted generally associated with a fracture | 1243377 | 120.00 | 121.00 | 1.00 | < 5 | | | | |
| | | | | or slip. Some local patchy epidote alteration such as from | 1243378 | 121.00 | 122.00 | 1.00 | < 5 | | | | |
| | | | | 107.0 to 105 m in assoc. with slip. Some fine disseminated | 1243379 | 122.00 | 123.00 | 1.00 | < 5 | | | | |
| | | | | pyrite in interval, estimated content 2%. | 1243380 | 123.00 | 124.00 | 1.00 | 8 | | | | |
| | | | | | 1243381 | 124.00 | 125.00 | 1.00 | < 5 | | | | |
| | | | | | 1243382 | 125.00 | 126.00 | 1.00 | < 5 | | | | |
| | | | | Description at 123.48 to 133.04 | 1243383 | 126.00 | 127.00 | 1.00 | < 5 | | | | |
| | | | | Gabbroic unit with mineral composition as per original | 1243384 | 127.00 | 128.00 | 1.00 | 13 | | | | |
| | | | | description in this hole. More of a medium grained unit. | 1243385 | 128.00 | 129.00 | 1.00 | < 5 | | | | |
| | | | | Unit has gabbroic texture, the texture fades and is masked | 1243386 | 129.00 | 130.00 | 1.00 | 7 | | | | |
| | | | | to some extent locally particularily towards lower contact. | 1243387 | 130.00 | 131.00 | 1.00 | < 5 | | | | |
| | | | | The unit light greyish colored to greenish on fresh surface. | 1243388 | 131.00 | 132.00 | 1.00 | < 5 | | | | |
| | | | | Sections with masked gabbroic texture still light greyish but | 1243389 | 132.00 | 133.04 | 1.04 | 7 | | | | |
| | | | | weakly bleached looking in appearance. Variable magnetic | | | | | | | | | |
| | | | | response. Again unit is of moderate hardness; it can be | | | | | | | | | |
| | | | | scratched with difficulty with knife. No HCL response in | | | | | | | | | |
| | | | | gabbro. Quartz veining or stringers almost non existant in | | | | | | | | | |
| | | | | this section, a small stringer with some associated | | | | | | | | | |
| | | | | leucoxene noted at 130.35 at 45 deg to CA, stringer about | | | | | | | | | |
| | | | | 1cm wide. Competent section with no major faults or slips, | | | | | | | | | |
| | | | | some minor slips at 20 deg to CA. Some fractures at 45 deg | | | | | | | | | |
| | | | | to CA. Also some minor epidote stringers usually assoc. | | | | | | | | | |
| | | | | with fractures and slips, some patchy epidote locally as | | | | | | | | | |
| | | | | well. Pyrite noted in disseminated form, fine pyrite, estimate | | | | | | | | | |
| | | | | of about 1 to 1.5%. | | | | | | | | | |
| | | | | Lower contact at 60 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| **133.04** | **142.00** | **Quartz/Feldspar** | **7QFP** | This unit is medium grained and grey in color on the fresh | 1243390 | 133.04 | 134.00 | 0.96 | < 5 | | | | |
| | | **Porphyry** | | surface, and compositionally it is likely of intermediate | 1243391 | 134.00 | 135.00 | 1.00 | < 5 | | | | |
| | | | | composition. There is a chill margin from 133.04 to 133.20 | 1243392 | 135.00 | 136.00 | 1.00 | < 5 | | | | |
| | | | | and upper contact at 45 deg to CA. Initially phenocryst | 1243393 | 136.00 | 137.00 | 1.00 | < 5 | | | | |
| | | | | development is poor until about 134.5. Then there is | 1243394 | 137.00 | 138.00 | 1.00 | < 5 | | | | |
| | | | | significant development of feldspar phenocrysts. Quartz | 1243395 | 138.00 | 139.00 | 1.00 | < 5 | | | | |
| | | | | is present but minimal and requires hand lense to see | 1243396 | Blank | | | < 5 | | | | |
| | | | | in matrix. No significant quartz veining in this unit but like | 1243397 | 139.00 | 140.00 | 1.00 | 5 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | gabbro some epidote stringers again suggesting very late | | | | | | | | | |
| | | | | stage epidote. Like gabbro some local patchy epidote. Very | 1243398 | stdGSP7E | Batch 25 | | 810 | | | | |
| | | | | competent unit, few very minor slips and a few fractures | 1243399 | 140.00 | 141.00 | 1.00 | 9 | | | | |
| | | | | at 20 deg to CA and 45 deg to CA respectively. Totally | 1243400 | 141.00 | 142.00 | 1.00 | 19 | | | | |
| | | | | non magnetic and no HCL reaction. Moderately hard unit | | | | | | | | | |
| | | | | that can be scratched with knife with some effort. Pyrite | | | | | | | | | |
| | | | | generally found as disseminated pyrite, and sometimes | | | | | | | | | |
| | | | | along fracture planes. Estimated content about 2-2.5%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 142.00 | 152.00 | Mafic Volcanic | 2U | Contact along an epidote stringer at 55 deg to CA. This unit | 1243401 | 142.00 | 143.00 | 1.00 | < 5 | | | | |
| | | | | is the same 2U unit found in Hole JS1311. It is a fine grained | 1243402 | 143.00 | 144.00 | 1.00 | < 5 | | | | |
| | | | | hard silicified grey black massive unit with minor sections of | 1243403 | 144.00 | 145.00 | 1.00 | < 5 | | | | |
| | | | | hyaloclastite inititially. At 147.25 substantial hyaloclastite | 1243404 | 145.00 | 146.00 | 1.00 | < 5 | | | | |
| | | | | to end of hole, with some development of a fabric at 45 | 1243405 | 146.00 | 147.00 | 1.00 | < 5 | | | | |
| | | | | deg to CA, some small dark shard like fragments noted as | 1243406 | 147.00 | 148.00 | 1.00 | < 5 | | | | |
| | | | | well within hayaloclastite rich section. The latter part of | 1243407 | 148.00 | 149.00 | 1.00 | < 5 | | | | |
| | | | | this unit may be more accurately described as mafic tuff. | 1243408 | 149.00 | 150.00 | 1.00 | < 5 | | | | |
| | | | | Fairly competent unit, a few minor slips at about 30 deg to | 1243409 | 150.00 | 151.00 | 1.00 | < 5 | | | | |
| | | | | CA. and some fractures at 45 deg & 70 deg to CA. At 151.3 | 1243410 | 151.00 | 152.00 | 1.00 | < 5 | | | | |
| | | | | to end of hole there is a fault that is broken and block & | | | | | | | | | |
| | | | | oriented at about 45 deg to CA. No significant quartz veins | | | | | | | | | |
| | | | | but a minor stringer or two at 147.40 and 149.10 oriented | | | | | | | | | |
| | | | | at 45 deg to CA in both cases, some pyrite in first stringer. | | | | | | | | | |
| | | | | Unit is definitely non magnetic and has no HCL reaction. | | | | | | | | | |
| | | | | Minor pyrite in thin stringers and some disseminated pyrite | | | | | | | | | |
| | | | | sporadically through unit estimate 1-1.5%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | EOH:152 Meters | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Down Hole Tests: | | | | | | | | | |
| | | | | Depth: 6M Az:151.1 Dip:-44.8 | | | | | | | | | |
| | | | | Depth: 75M Az:143.1 Dip:-43 | | | | | | | | | |
| | | | | Depth:150M Az:145.8 Dip:-41 | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Core Stored at SGX Resources facilities in Timmins Ontario. | | | | | | | | | |

# SGX RESOURCES

**Prospect: Porphyry Target** | **Grid Location: BL0 ST57E** | **Drill Company:**
**DDH: JS1311** | **Azimuth/Dip: 200/-45** | **UTM:560337E 5336237N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L512579** | **EOH:65m.** | **Date Started: 01/28/2013 Date Finished: 01/29/2013** | K. Filo

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 1.50 | Casing | CAS | Note, casing left in hole. | | | | | | | | | |
| 1.50 | 39.83 | Gabbro | 6G | at 1.5 to 19 meters | | | | | | | | | |
| | | | | This particular unit is comprised of plagioclase feldspar | 1242769 | 1.50 | 2.00 | 0.50 | < 5 | | | | |
| | | | | and considerable ferro magnesium minerals, amphiboles | 1242770 | 2.00 | 3.00 | 1.00 | < 5 | | | | |
| | | | | (hornblende) and some minor pyroxene. The unit is medium | 1242771 | 3.00 | 4.00 | 1.00 | < 5 | | | | |
| | | | | grained and quite homogeneous looking throughout. | 1242772 | 4.00 | 5.00 | 1.00 | < 5 | | | | |
| | | | | The unit is greyish green in color on fresh surface. This | 1242773 | 5.00 | 6.00 | 1.00 | < 5 | | | | |
| | | | | interval has a variable magnetic response, but for the most | 1242774 | 6.00 | 7.00 | 1.00 | < 5 | | | | |
| | | | | part moderately to strongly magnetic, some minor sections | 1242775 | 7.00 | 8.00 | 1.00 | < 5 | | | | |
| | | | | with no magnetic response. Pretty hard unit and difficult to | 1242776 | 8.00 | 9.00 | 1.00 | < 5 | | | | |
| | | | | scratch with knife. Some areas where amphiboles have | 1242777 | 9.00 | 10.00 | 1.00 | < 5 | | | | |
| | | | | been alterd to some extent are more easily scratched. | 1242778 | 10.00 | 11.00 | 1.00 | < 5 | | | | |
| | | | | This interval is pretty competent looking with a few minor | 1242779 | 11.00 | 12.00 | 1.00 | < 5 | | | | |
| | | | | slips at 15 deg to CA. and a few fractures at 45 deg. | 1242780 | 12.00 | 13.00 | 1.00 | 13 | | | | |
| | | | | to the CA. A few minor quartz stringers and epidote | 1242781 | 13.00 | 14.00 | 1.00 | 10 | | | | |
| | | | | stringers noted these are pretty sparse and usually oriented | 1242782 | 14.00 | 15.00 | 1.00 | 7 | | | | |
| | | | | 45 deg parallel to fractures, some are also at about 70 | 1242783 | 15.00 | 16.00 | 1.00 | 10 | | | | |
| | | | | deg to CA, some of the minor quartz stringers may have | 1242784 | 16.00 | 17.00 | 1.00 | 16 | | | | |
| | | | | some pyrite associated with them. Some very localized | 1242785 | 17.00 | 18.00 | 1.00 | < 5 | | | | |
| | | | | epidote alteration (patchy over less than 10 cm intervals). | 1242786 | blank | | | < 5 | | | | |
| | | | | Sulphides are sparse overall estimate 1/2% mainly in | 1242787 | 18.00 | 19.00 | 1.00 | 6 | | | | |
| | | | | disseminated form however, some blebs noted between | 1242788 | stdGSP7E | | | 721 | | | | |
| | | | | 5-6 m. | | | | | | | | | |
| | | | | at 19m to 39.83 | 1242789 | 19.00 | 20.00 | 1.00 | 9 | | 5 | | |
| | | | | Again this unit is comprised of plagioclase feldspar | 1242790 | 20.00 | 21.00 | 1.00 | 11 | | 5 | | |
| | | | | and considerable ferro magnesium minerals, amphiboles | 1242791 | 21.00 | 22.00 | 1.00 | 5 | | 5 | | |
| | | | | (hornblende) and some minor pyroxene. The unit is medium | 1242792 | 22.00 | 23.00 | 1.00 | < 5 | | 5 | | |
| | | | | grained and quite homogeneous looking throughout. | 1242793 | 23.00 | 24.00 | 1.00 | 8 | | 5 | | |
| | | | | The unit is greyish green in color on fresh surface. This | 1242794 | 24.00 | 25.00 | 1.00 | 5 | | 5 | | |
| | | | | interval has a variable magnetic response, but for the most | 1242795 | 25.00 | 26.00 | 1.00 | < 5 | | 5 | | |
| | | | | part moderately magnetic variable response to 29m & below | 1242796 | 26.00 | 27.00 | 1.00 | 15 | | 13 | | |
| | | | | no magnetic response. Pretty hard unit and difficult to | 1242797 | 27.00 | 28.00 | 1.00 | 11 | | 9 | | |
| | | | | scratch with knife. Some areas where amphiboles have | 1242798 | 28.00 | 29.00 | 1.00 | 85 | | 74 | | |
| | | | | been alterd to some extent are more easily scratched. | 1242799 | 29.00 | 30.00 | 1.00 | < 5 | | 5 | | |
| | | | | This interval is pretty competent looking with a few minor | 1242800 | 30.00 | 31.00 | 1.00 | 5 | | 5 | | |
| | | | | slips at 15 deg to CA. and a few fractures at 45 deg. | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 19 to 39.83 continued | 1242801 | 31.00 | 31.45 | 0.45 | < 5 | | 5 | | |
| | | | | Small fault zone noted at 31.9 to 32.25 blocky and broken | 1242802 | 31.45 | 32.25 | 0.80 | < 5 | | 5 | | |
| | | | | ground lower contact, upper contact at 45 deg to CA with | 1242803 | 32.25 | 33.00 | 0.75 | 128 | | 183 | | |
| | | | | gouge and quartz vein material on contact. | 1242804 | 33.00 | 33.50 | 0.50 | < 5 | | 5 | | |
| | | | | Prior to lower fault zone contact very minimal veining of | 1242805 | 33.50 | 34.00 | 0.50 | 23 | | 28 | | |
| | | | | any type, a few epidote stringers associated with fractures | 1242806 | 34.00 | 34.50 | 0.50 | < 5 | | 5 | | |
| | | | | and slips and rare quartz stringer, quartz stringers noted | 1242807 | 34.50 | 35.00 | 0.50 | < 5 | | 5 | | |
| | | | | close to upper fault zone contact. Above fault zone pyrite | 1242808 | 35.00 | 35.50 | 0.50 | < 5 | | 5 | | |
| | | | | content estimated to be 1/2% or so. Above fault zone no | 1242809 | 35.50 | 36.00 | 0.50 | 7 | | 5 | | |
| | | | | HCL reaction. | 1242810 | 36.00 | 36.50 | 0.50 | < 5 | | 5 | | |
| | | | | At lower contact of fault at 32.25 to 36.25 zone strongly | 1242811 | 36.50 | 37.00 | 0.50 | 14 | | 5 | | |
| | | | | bleached zone with numerous quartz veinlets with at | 1242812 | 37.00 | 38.00 | 1.00 | < 5 | | 5 | | |
| | | | | least 2 generations of veining at all at 45 deg to CA. on | 1242813 | 38.00 | 39.00 | 1.00 | 596 | | 593 | | |
| | | | | average. Most intense veining and bleaching on from 32.25 | 1242814 | 39.00 | 39.83 | 0.83 | 281 | | 322 | | |
| | | | | to 33.50 m. Beyond this veining and bleaching become | 1242815 | 39.83 | 40.00 | 0.17 | 177 | | 159 | | |
| | | | | progressively less to end of zone at 36.25. Last few 10's | | | | | | | | | |
| | | | | of cm of zone just a few minor veinlets and little alteration. | | | | | | | | | |
| | | | | Outside of 32.25 to 33.50 where disseminated pyrite noted | | | | | | | | | |
| | | | | at perhaps 1% rest of zone of interest (32.25-36.25). | | | | | | | | | |
| | | | | Some leucoxene noted in bleached zone proximal to vein | | | | | | | | | |
| | | | | salvages and within altered zone. This zone of interest | | | | | | | | | |
| | | | | plots approximately where porphyry zone target was | | | | | | | | | |
| | | | | anticpated but no porphyry observed in this hole. The | | | | | | | | | |
| | | | | zone of interest has weak HCl rection where bleached | | | | | | | | | |
| | | | | and is non magnetic; still a hard unit and difficult to scratch | | | | | | | | | |
| | | | | with knife, more bleached zones harder to scratch. | | | | | | | | | |
| | | | | Below zone of interest from 36.25 to lower contact | | | | | | | | | |
| | | | | basically as per description from 19 to 31.9m. This interval | | | | | | | | | |
| | | | | has a few more quart stringers and epidote stringers | | | | | | | | | |
| | | | | in a similar orientation to fractures and slips (pretty minor) | | | | | | | | | |
| | | | | at 45 deg and 20 deg to CA respectively.Small blocky fault | | | | | | | | | |
| | | | | at 37.70 to 38, at about 15 deg to C.A. This last section is | | | | | | | | | |
| | | | | non magnetic and has no HCL reaction, with trace to 1/2% | | | | | | | | | |
| | | | | pyrite at best. Lower contact along veinlet contact 45 deg | | | | | | | | | |
| | | | | to C.A. Some minor rafts of volcanic found close to contact. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 39.83 | 53..10 | Mafic Volcanic | 2U | This is a fine grained grey massive volcanic that is | 1242816 | 40.00 | 41.00 | 1.00 | 551 | | 595 | | |
| | | | | extremely hard and silicified. Within this unit some minor | 1242817 | 41.00 | 42.00 | 1.00 | < 5 | | 5 | | |
| | | | | shorter intervals of hyaloclastite noted. This unit extremely | 1242818 | 42.00 | 43.00 | 1.00 | 617 | | 1260 | | |
| | | | | difficult to scratch with a knife. The unit has no HCl reaction | 1242819 | 43.00 | 44.00 | 1.00 | 14 | | 5 | | |
| | | | | and is non magetic, very rare quartz stringer noted at | 1242820 | 44.00 | 45.00 | 1.00 | 13 | | 8 | | |
| | | | | 45 deg to CA i.e 47 m. Very minor pyrite trace to 1/2%. Also | 1242821 | 45.00 | 46.00 | 1.00 | 2570 | | 2360 | | |
| | | | | a few minor epidote stringers but these are rare also. Fair | 1242822 | Blank | | | < 5 | | 5 | | |
| | | | | number of fractures and slips but still moderate competence | 1242823 | 46.00 | 47.00 | 1.00 | 300 | | 261 | | |
| | | | | but particularily blocky from 44 to 47.5. Overall fractures & | 1242824 | stdGS1J | | | 1090 | | 1010 | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | slips at 45 deg and 15 deg to CA respectively. | 1242825 | 47.00 | 48.00 | 1.00 | 2350 | | | |
| | | | | Contact of this unit associated with broken blocky fault | 1242826 | 48.00 | 49.00 | 1.00 | 165 | | | |
| | | | | zone extending from 52.9 to 53.10, lower contact of fault | 1242827 | 49.00 | 50.00 | 1.00 | 35 | | | |
| | | | | zone is ground up and at about 20 deg to CA. | 1242828 | 50.00 | 51.00 | 1.00 | 35 | | | |
| | | | | | 1242829 | 51.00 | 52.00 | 1.00 | 373 | | | |
| 53.10 | 53.73 | Quartz Vein | Qv | This quartz vein runs at about 15-20 deg to CA as perfault | 1242830 | 52.00 | 53.10 | 1.10 | 19 | | | |
| | | | | on lower contact of vein and upper contact of vein assoc. | 1242831 | 53.10 | 53.73 | 0.63 | 562 | | | |
| | | | | with slip at 15 deg to CA. Vein contains about 5-7% pyrite | | | | | | | | |
| | | | | mainly in a large splash within vein itself. | | | | | | | | |
| | | | | | | | | | | | | |
| 53.73 | 65.00 | Mafic Volcanic | 2U | Again a very fine grained grey unit, massive with the | 1242832 | 53.73 | 54.00 | 0.27 | 150 | | | |
| | | | | exception of section from below vein contact to 56.5 where | 1242833 | 54.00 | 55.00 | 1.00 | 29 | | | |
| | | | | the unit has a number of fragments of mafic volcanic | 1242834 | 55.00 | 56.00 | 1.00 | 26 | | | |
| | | | | that are subangular in appearance and max. of 2 cm or | 1242835 | 56.00 | 57.00 | 1.00 | 9 | | | |
| | | | | so across. This unit is non-magnetic, has no HCL reaction | 1242836 | 57.00 | 58.00 | 1.00 | 59 | | | |
| | | | | and a few minor localized quartz calcite stringers and rare | 1242837 | 58.00 | 59.00 | 1.00 | < 5 | | | |
| | | | | sulphide stringer or two a mm or so wide. Overall pyrite | 1242838 | 59.00 | 60.00 | 1.00 | 6 | | | |
| | | | | content in this unit trace to 1/2%. Competent unit with a | 1242839 | 60.00 | 61.00 | 1.00 | 36 | | | |
| | | | | few fractures at 45 and 70 deg to CA. No major slips or | 1242840 | 61.00 | 62.00 | 1.00 | 14 | | | |
| | | | | faults noted. Unit hard to scratch with knife but does not | 1242841 | 62.00 | 63.00 | 1.00 | 7 | | | |
| | | | | appear to be as silcified as section above quartz vein. | 1242842 | 63.00 | 64.00 | 1.00 | 701 | | | |
| | | | | | 1242843 | 64.00 | 65.00 | 1.00 | 29 | | | |
| | | | | EOH: 65 meters | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | Core stored at SGX facilites in Timmins Ontario | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | Down Hole Tests: None | | | | | | | | |

# SGX RESOURCES

**Prospect: 250 ft level porphyry** | **Grid Location: BL0 ST57E** | **Drill Company:**
**DDH: JS1312** | **Azimuth/Dip: 200/-67** | **UTM:560337E 5336237N Nad 83 Zone 17** | Forage MG Inc.
**Grid:Grenfell** | **Tests: see last page** | **Logged by:**
**CLAIM: L512579** | **EOH:137m.** | **Date Started: 01/29/2013** **Date Finished: 02/03/2013** | K. Filo

| *From* | *To* | *Rock Type* | *Code* | *Description* | *Sample#* | *From* | *To* | *Meters* | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 1.50 | Casing | CAS | Note, casing left in hole. | | | | | | | | | |
| 1.50 | 76.93 | Gabbro | 6G | at 1.5 to 18 meters | 1242844 | 1.50 | 2.00 | 0.50 | 10 | | | | |
| | | | | This particular gabbro is comprised of plagioclase feldspar | 1242845 | 2.00 | 3.00 | 1.00 | 27 | | | | |
| | | | | and considerable ferro magnesium minerals, amphiboles | 1242846 | 3.00 | 4.00 | 1.00 | 13 | | | | |
| | | | | (hornblende) and some minor pyroxene. The unit is medium | 1242847 | 4.00 | 5.00 | 1.00 | 8 | | | | |
| | | | | grained and quite homogeneous looking throughout. | 1242848 | 5.00 | 6.00 | 1.00 | < 5 | | | | |
| | | | | The unit is greyish green in color on fresh surface. This | 1242849 | 6.00 | 7.00 | 1.00 | < 5 | | | | |
| | | | | interval has a variable magnetic response, but for the most | 1242850 | 7.00 | 8.00 | 1.00 | < 5 | | | | |
| | | | | part moderately to strongly magnetic, some minor sections | 1242851 | 8.00 | 9.00 | 1.00 | < 5 | | | | |
| | | | | with no magnetic response, and basically no magnetic | 1242852 | 9.00 | 10.00 | 1.00 | < 5 | | | | |
| | | | | response from 16 to 18 m. Moderately hard unit, difficult to | 1242853 | 10.00 | 11.00 | 1.00 | 41 | | | | |
| | | | | scratch with knife. Some areas where amphiboles have | 1242854 | 11.00 | 12.00 | 1.00 | < 5 | | | | |
| | | | | been chlorite alterd to some extent more easily scratched. | 1242855 | 12.00 | 13.00 | 1.00 | 11 | | | | |
| | | | | This interval is pretty competent looking with a few | 1242856 | 13.00 | 14.00 | 1.00 | < 5 | | | | |
| | | | | exceptions where there is blocky broken core from 3.2-3.7 | 1242857 | 14.00 | 14.50 | 0.50 | < 5 | | | | |
| | | | | meters, upper contact of fault at 15-20 deg to CA and lower | 1242858 | Blank | | | < 5 | | | | |
| | | | | contact ground. Also, minor fault a little gouge at 17-17.1 | 1242859 | 14.50 | 15.00 | 0.50 | < 5 | | | | |
| | | | | at 45 deg to CA; & minor blocky section from 17.4-17.6, | 1242860 | std GS6A | | | > 3000 | 5.56 | | | |
| | | | | again a small fault with gouge & 50 deg to CA on upper | 1242861 | 15.00 | 15.50 | 0.50 | < 5 | | | | |
| | | | | contact. Lower contact ground. Outside of these areas | 1242862 | 15.50 | 16.00 | 0.50 | < 5 | | | | |
| | | | | a few other minor sips at 15-20 deg to CA and a few | 1242863 | 16.00 | 16.50 | 0.50 | < 5 | | | | |
| | | | | fractures at 45 and 70 deg to CA. | 1242864 | 16.50 | 17.00 | 0.50 | < 5 | | | | |
| | | | | Some minor quartz stinger and some bleaching between | 1242865 | 17.00 | 17.50 | 0.50 | < 5 | | | | |
| | | | | 16-18 m. Outside of this little in the way of quartz, tiny | 1242866 | 17.50 | 18.00 | 0.50 | < 5 | | | | |
| | | | | stringers at 5.92 and 11.95. | | | | | | | | | |
| | | | | Very sparse sulphides, pyrite content estimated 1/2% max. | | | | | | | | | |
| | | | | Unit has no HCL reaction, also rare minor epidote vein | | | | | | | | | |
| | | | | noted on occasion usually associated with fracture plane. | | | | | | | | | |
| | | | | at 18 to 35 meters | | | | | | | | | |
| | | | | Mineralogical description for this gabbroic interval is as | 1242867 | 18.00 | 19.00 | 1.00 | < 5 | | | | |
| | | | | per interval above. Again this particular section is medium | 1242868 | 19.00 | 20.00 | 1.00 | 27 | | | | |
| | | | | grained and homogeneous in appearance. The unit has no | 1242869 | 20.00 | 21.00 | 1.00 | < 5 | | | | |
| | | | | HCL reaction. Moderately hard unit and can be scratched | 1242870 | 21.00 | 22.00 | 1.00 | 10 | | | | |
| | | | | with knife with some effort. Slightly easier to scratch | 1242871 | 22.00 | 23.00 | 1.00 | < 5 | | | | |
| | | | | sections of amphiboles as they are alterd slightly to chorite. | 1242872 | 23.00 | 23.50 | 0.50 | 6 | | | | |
| | | | | This unit like unit above has a grey green appearance on | 1242873 | 23.50 | 24.00 | 0.50 | < 5 | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | fresh surface. Variable magnetic response in this interval, | | | | | | | | | |
| | | | | sections over a number of meters that are strongly | 1242874 | 24.00 | 25.00 | 1.00 | < 5 | | | | |
| | | | | magnetic and other intervals that are totally non-magnetic. | 1242875 | 25.00 | 26.00 | 1.00 | < 5 | | | | |
| | | | | Overall a petty competent interval again with some minor | 1242876 | 26.00 | 27.00 | 1.00 | 17 | | | | |
| | | | | slips at 15-20 deg to CA. and some fractures at 45 deg to | 1242877 | 27.00 | 28.00 | 1.00 | 18 | | | | |
| | | | | CA. Also some sections that are blocky and broken such | 1242878 | 28.00 | 29.00 | 1.00 | < 5 | | | | |
| | | | | as at 19.15 to 19.45, slip plane at 20 deg to CA at 19.45 | 1242879 | 29.00 | 30.00 | 1.00 | < 5 | | | | |
| | | | | with upper contact ground. A few other broken sections of | 1242880 | 30.00 | 31.00 | 1.00 | < 5 | | | | |
| | | | | core assoc with slips subparallel to CA such as at 27-27.5 | 1242881 | 31.00 | 32.00 | 1.00 | 8 | | | | |
| | | | | & 32-33 m. Small veinlet of quartz noted from 20.10 to 21.14 | 1242882 | 32.00 | 33.00 | 1.00 | < 5 | | | | |
| | | | | with epidote on veinlet salvages, veinlet at 55 deg to CA., | 1242883 | 33.00 | 34.00 | 1.00 | < 5 | | | | |
| | | | | some minor stringers of quartz from 23-23.45 at 65 to 90 | 1242884 | 34.00 | 35.00 | 1.00 | < 5 | | | | |
| | | | | deg to CA., slight bleaching in this section. | | | | | | | | | |
| | | | | Pyrite content in this interval about 1-1.5% maximum. | | | | | | | | | |
| | | | | Note, some leucoxene noted proximal, to quartz on | | | | | | | | | |
| | | | | occasion. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 35 to 52.25 | | | | | | | | | |
| | | | | Mineralogical description for this interval is as per | 1242885 | 35.00 | 36.00 | 1.00 | < 5 | | | | |
| | | | | description of initial interval in this hole. | 1242886 | 36.00 | 37.00 | 1.00 | < 5 | | | | |
| | | | | Again a medium grained homogeneous looking unit that is | 1242887 | 37.00 | 38.00 | 1.00 | < 5 | | | | |
| | | | | grey green in color and moderately hard, unit can be | 1242888 | 38.00 | 39.00 | 1.00 | 15 | | | | |
| | | | | scratched with knife with some effort, amphibloes slightly | 1242889 | 39.00 | 40.00 | 1.00 | 25 | | | | |
| | | | | chloritic and can be scratched easier. No HCL reaction. | 1242890 | 40.00 | 40.30 | 0.30 | 562 | | | | |
| | | | | Again, a pretty competent interval of core, a small section | 1242891 | 40.30 | 41.00 | 0.70 | 11 | | | | |
| | | | | of broken core with slip at 10 deg to subparallel to CA. | 1242892 | 41.00 | 42.00 | 1.00 | 8 | | | | |
| | | | | Outside of this area only a few minor slips at 15-20 deg to | 1242893 | 42.00 | 43.15 | 1.15 | 6 | | | | |
| | | | | CA. and a few fractures at 60 and 45 deg to CA. Some | 1242894 | Blank | | | < 5 | | | | |
| | | | | very minor quartz veinlets a few cm. max noted at 40.16- | 1242895 | 43.15 | 43.45 | 0.30 | < 5 | | | | |
| | | | | 40.20, 44.09-44.12, some leucoxene. Also @ 43.15-43.54 | 1242896 | stdgsp7e | | | 796 | | | | |
| | | | | series of tiny quartz stringers with some leucoxene, | 1242897 | 43.45 | 44.00 | 0.55 | 7 | | | | |
| | | | | similarily from 51-51.35. Also a few other tiny stringer with | 1242898 | 44.00 | 45.00 | 1.00 | 13 | | | | |
| | | | | no leuxocene but quartz stringers still pretty sparse, quartz | 1242899 | 45.00 | 46.00 | 1.00 | 21 | | | | |
| | | | | stringers and veinlets generally 60-90 deg to CA. A few | 1242900 | 46.00 | 47.00 | 1.00 | 232 | | | | |
| | | | | epidote stringers associated with stringers and veins as | 1242901 | 47.00 | 48.00 | 1.00 | 31 | | | | |
| | | | | well as fractures and slips but still pretty minimal overall. | 1242902 | 48.00 | 49.00 | 1.00 | 254 | | | | |
| | | | | Sporadic response to magnet, som section mangnetic over | 1242903 | 49.00 | 50.00 | 1.00 | 6 | | | | |
| | | | | a meter or so and then not magnetic for a meter plus. | 1242904 | 50.00 | 51.00 | 1.00 | 2030 | | | | |
| | | | | Variable pyrite content but over all trace to 1%. | 1242905 | 51.00 | 51.35 | 0.35 | 6 | | | | |
| | | | | With respect to alteration, this particular interval on fresh | 1242906 | 51.35 | 52.00 | 0.65 | 227 | | | | |
| | | | | surface exhibits some weak but pervasive bleaching, | | | | | | | | | |
| | | | | some correlation between non magnetic sections and | | | | | | | | | |
| | | | | bleaching. Note, although gabbro itself has no HCl reaction | | | | | | | | | |
| | | | | area along a vein salvage may. Note bleaching not | | | | | | | | | |
| | | | | as evident when core is wet, subtle. | | | | | | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | at 52.25-69.85 | 1242907 | 52.00 | 53.00 | 1.00 | 530 | | | | |
| | | | | Again from a mineralogical perspective, exactly as per | 1242908 | 53.00 | 54.00 | 1.00 | 23 | | | | |
| | | | | original description in this hole. Unit is medium grained in | 1242909 | 54.00 | 55.00 | 1.00 | 25 | | | | |
| | | | | color and pretty homogeneous looking. Color in this section | 1242910 | 55.00 | 56.00 | 1.00 | 137 | | | | |
| | | | | on the fresh surface is grey green and unit is difficult to | 1242911 | 56.00 | 57.00 | 1.00 | 149 | | | | |
| | | | | scratch with knife (moderated hardness) and slightly easier | 1242912 | 57.00 | 58.00 | 1.00 | 25 | | | | |
| | | | | to scratch more amphibolite rich areas which are slightly | 1242913 | 58.00 | 59.00 | 1.00 | 6 | | | | |
| | | | | altered to chlorite. Magnetic response is somewhat random | 1242914 | 59.00 | 60.00 | 1.00 | 7 | | | | |
| | | | | with sections that are strongly magnetic to no response | 1242915 | 60.00 | 60.40 | 0.40 | 258 | | | | |
| | | | | alternating throughout interval. Gabro has no HCl reaction | 1242916 | 60.40 | 61.00 | 0.60 | 40 | | | | |
| | | | | but some areas of local vein salvages have a response. | 1242917 | 61.00 | 62.00 | 1.00 | 17 | | | | |
| | | | | Again unit has a weak but pervasive bleaching which to | 1242918 | 62.00 | 63.00 | 1.00 | 14 | | | | |
| | | | | some extent masks fresh looking gabbroic texture typical of | 1242919 | 63.00 | 64.00 | 1.00 | 7 | | | | |
| | | | | unit generally. Spotty leucoxenes noted in unit proximal | 1242920 | 64.00 | 65.00 | 1.00 | 14 | | | | |
| | | | | to a few areas with tiny stringers and veinlets or slip planes | 1242921 | 65.00 | 66.00 | 1.00 | 10 | | | | |
| | | | | and or fractures. Very little in the way of quartz stringers | 1242922 | 66.00 | 67.00 | 1.00 | 15 | | | | |
| | | | | or veinlets in the interval. Minor stringer with leucoxene at | 1242923 | 67.00 | 68.00 | 1.00 | 238 | | | | |
| | | | | 57.07, 56-56.17 (few stringers), 57.07(small veinlet), 60.3 | 1242924 | 68.00 | 69.00 | 1.00 | 138 | | | | |
| | | | | to 60.4, quartz vein (no leucoxene) 68.15-68.22 (minor str.) | 1242925 | 69.00 | 70.00 | 1.00 | 11 | | | | |
| | | | | and some leucoxene. Veins, stringers generally at 70-90 | | | | | | | | | |
| | | | | deg to CA. | | | | | | | | | |
| | | | | Overall this unit is competent looking, small zone of blocky | | | | | | | | | |
| | | | | core from 58.37 (gouge)- 58.78; upper and lower contacts | | | | | | | | | |
| | | | | both at 45 deg to CA. Beyond lower contact core slightly | | | | | | | | | |
| | | | | blocky to about 61 meters but minor. Outside of this most | | | | | | | | | |
| | | | | of core only has a few minor slips at 15-20 deg to CA, and | | | | | | | | | |
| | | | | a few fractures at 45 and 70 deg to CA. | | | | | | | | | |
| | | | | A few stringers of epidote note in this interval generally | | | | | | | | | |
| | | | | associated with fractures slips and veinlets, some minor | | | | | | | | | |
| | | | | patchy epidote noted between 54-55 and some very | | | | | | | | | |
| | | | | local spots over 10 cm or so in interval. Pyrite content | | | | | | | | | |
| | | | | pretty minimal estimate trace to 1/2%. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 69.85-76.93 | | | | | | | | | |
| | | | | Again this inteval of gabbro very similarfrom a mineralogical | 1242926 | 70.00 | 71.00 | 1.00 | 10 | | | | |
| | | | | prospective to initial description for this unit in this hole. | 1242927 | 71.00 | 72.00 | 1.00 | 171 | | | | |
| | | | | This interval is greyish green in color but has a bit of a | 1242928 | 72.00 | 73.00 | 1.00 | 536 | | | | |
| | | | | weak but persasive bleached look on fresh surface. | 1242929 | 73.00 | 74.00 | 1.00 | 333 | | | | |
| | | | | Variable magnetic response, and moderately hard unit as | 1242930 | Blank | | | < 5 | | | | |
| | | | | difficult to scratch with knife, more amphibole rich sections | 1242931 | 74.00 | 75.00 | 1.00 | 30 | | | | |
| | | | | slightly easier as some chlorite associated with them. Very | 1242932 | stdGS1J | | | 928 | | | | |
| | | | | homogenous looking medium grained unit. Gabbro has no | 1242933 | 75.00 | 76.00 | 1.00 | 13 | | | | |
| | | | | HCL reaction. Small quartz vein from 72.12-72.20 with | 1242934 | 76.00 | 76.93 | 0.93 | 576 | | | | |
| | | | | contacts at 45 deg to CA. A small stringer of quartz at | 1242935 | 76.93 | 78.00 | 1.07 | 73 | | | | |
| | | | | 74.97, outside of these occurrences very little quartz | 1242936 | 78.00 | 78.40 | 0.40 | 9 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Competent unit with a few minor slips at 15-20 deg to CA. | 1242937 | 78.40 | 79.00 | 0.60 | 27 | | | | |
| | | | | and a few fractures at 70 deg to CA. Some minor epidote | 1242938 | 79.00 | 80.00 | 1.00 | 264 | | | | |
| | | | | stringers noted usually associated with slips or fractures. | 1242939 | 80.00 | 81.00 | 1.00 | 126 | | | | |
| | | | | Variable magnetic response, from strong to no response, | 1242940 | 81.00 | 82.00 | 1.00 | 48 | | | | |
| | | | | alternating through interval. Pyrite content trace to 1/2% | 1242941 | 82.00 | 83.00 | 1.00 | 617 | | | | |
| | | | | max. Lower contact sharp at 45 deg to CA. | 1242942 | 83.00 | 84.00 | 1.00 | 327 | | | | |
| | | | | | 1242943 | 84.00 | 85.00 | 1.00 | 275 | | | | |
| 76.93 | 78.40 | Mafic Dyke | 6U | This is a fine grained gray colored mafic dyke and the only | 1242944 | 85.00 | 86.00 | 1.00 | 30 | | | | |
| | | | | significant feature in it is the beccia fragements which are | 1242945 | 86.00 | 87.00 | 1.00 | 1260 | | | | |
| | | | | subangular and up to a few cms across, fragments are | | | | | | | | | |
| | | | | of various compositions. The dyke has no significant | | | | | | | | | |
| | | | | veining or mineralization. It is moderately hard and can be | | | | | | | | | |
| | | | | scatched with a knife with difficulty, it is non-magnetic, | | | | | | | | | |
| | | | | and has no HCL reaction. Lower contact is sharp and at 45 | | | | | | | | | |
| | | | | deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 78.40 | 111.70 | Gabbro | 6G | at 78.4 -87.29 | | | | | | | | | |
| | | | | As in gabbro interval above very similar from a mineralogical | | | | | | | | | |
| | | | | prospective to initial description for this unit in this hole. | | | | | | | | | |
| | | | | This interval is greyish green in color but has a bit of a | | | | | | | | | |
| | | | | weak but pervasive bleached look on fresh surface. | | | | | | | | | |
| | | | | Variable magnetic response, and moderately hard unit as | | | | | | | | | |
| | | | | difficult to scratch with knife, more amphibole rich sections | | | | | | | | | |
| | | | | slightly easier as some chlorite associated with them. Very | | | | | | | | | |
| | | | | homogenous looking medium grained unit. Gabbro has no | | | | | | | | | |
| | | | | significant quartz stringers but a few epidote stringers | | | | | | | | | |
| | | | | noted. Competent unit with with very few fractures and | | | | | | | | | |
| | | | | slips. Slips at 20 deg to CA and fractures at 70 deg to CA. | | | | | | | | | |
| | | | | At 86.15-86.50 minor slip almost sub-parallel to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | at 87.29-104.6 | 1242946 | 87.00 | 88.00 | 1.00 | 616 | | | | |
| | | | | With respect to mineralogical make up this interval is as | 1242947 | 88.00 | 89.00 | 1.00 | 1150 | | | | 0.74 |
| | | | | per original description in this hole. The unit is medium | 1242948 | 89.00 | 90.00 | 1.00 | 160 | | | | |
| | | | | grained and is a light greyish bleached appearance in color. | 1242949 | 90.00 | 91.00 | 1.00 | 129 | | | | |
| | | | | To some extent gabbroic texture typical of this unit is | 1242950 | 91.00 | 92.00 | 1.00 | 296 | | | | |
| | | | | masked by this bleached appearance on fresh surface. | 1242951 | 92.00 | 93.00 | 1.00 | 400 | | | | |
| | | | | This bleaching thought to be weak but pervasive alteration. | 1242952 | 93.00 | 94.00 | 1.00 | 354 | | | | |
| | | | | Throughout this interval magnetic response variable from | 1242953 | 94.00 | 95.00 | 1.00 | > 3000 | 19.5 | | | |
| | | | | strong to non existant and alternating throughout interval. | 1242954 | 95.00 | 96.00 | 1.00 | 859 | | | | |
| | | | | Unit is moderately hard and difficult to scratch with knife. | 1242955 | 96.00 | 97.00 | 1.00 | 35 | | | | |
| | | | | Gabbro unit has no HCL reaction. Very competent looking | 1242956 | 97.00 | 98.00 | 1.00 | 47 | | | | |
| | | | | unit with small blocky zone assoc. with slip at about 15 deg | 1242957 | 98.00 | 99.00 | 1.00 | 20 | | | | |
| | | | | to CA at 103.55-103.85. Outside of this a few minor slips | 1242958 | 99.00 | 100.00 | 1.00 | 229 | | | | |
| | | | | at 15 deg to CA and a few fractures generally at 70 deg to | 1242959 | 100.00 | 101.00 | 1.00 | 95 | | | | |
| | | | | CA. A few minor quartz stringers at best 45 & 70 deg to CA | 1242960 | 101.00 | 102.00 | 1.00 | 334 | | | | |
| | | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | and generally less than a cm wide locally. A few epidote | 1242961 | 102.00 | 103.00 | 1.00 | 328 | | | |
| | | | | stringers and veinlets and some local pathy epidote | 1242962 | 103.00 | 104.00 | 1.00 | 216 | | | |
| | | | | alteration. | 1242963 | 104.00 | 105.00 | 1.00 | 77 | | | |
| | | | | | 1242964 | 105.00 | 106.00 | 1.00 | 20 | | | |
| | | | | at 104.6 to 111.70 | 1242965 | 106.00 | 107.00 | 1.00 | 21 | | | |
| | | | | This section is very much the same as interval described | 1242966 | Blank | | | < 5 | | | |
| | | | | from 87.29 to 104.6. Again unit is medium grained and is a | 1242967 | 107.00 | 108.00 | 1.00 | 38 | | | |
| | | | | light greyish bleached color as per unit above. Again typical | 1242968 | stdGS1J | | | 981 | | | |
| | | | | gabbroic texture masked by bleaching on fresh surface. | 1242969 | 108.00 | 109.00 | 1.00 | 14 | | | |
| | | | | Extremely competent interval a few minor slips again at 15 | 1242970 | 109.00 | 110.00 | 1.00 | 854 | | | |
| | | | | to 20 deg to CA. and a few fractures at 45 and 70 deg to | 1242971 | 110.00 | 111.00 | 1.00 | 194 | | | |
| | | | | CA. No significant veining until about 110 meters. Prior to | 1242972 | 111.00 | 111.70 | 0.70 | 287 | | | |
| | | | | 110 meters really only a small stringer about 1 cm. at 108.15 | | | | | | | | |
| | | | | at 70 deg to CA. Sporadic minror leucoxenes noted | | | | | | | | |
| | | | | starting at 108.15, these are assoc. with rare stringer or | | | | | | | | |
| | | | | slip, fracture or quartz stringers down to contact. Below | | | | | | | | |
| | | | | 110 m. to contact distinct increase in quatz veinlets and | | | | | | | | |
| | | | | clots of quartz, some quartz veinlets associated with | | | | | | | | |
| | | | | fractures and slips at 45 deg and 20 deg to CA respectively | | | | | | | | |
| | | | | Also throughout interval some minor epidote stringers, | | | | | | | | |
| | | | | usually assoc. with slip, fractures and veinlets. Strongly | | | | | | | | |
| | | | | magnetic to 108.5 and then pretty much non-magnetic to | | | | | | | | |
| | | | | lower contact. Minor HCL reaction proximal to contact but | | | | | | | | |
| | | | | outside of area about a meter or two from contact no re- | | | | | | | | |
| | | | | action. Unit is of moderate hardnesss and can be scratched | | | | | | | | |
| | | | | with knife with some effort. Minimal pyrite content, estimate | | | | | | | | |
| | | | | trace to 1/2%. | | | | | | | | |
| | | | | | | | | | | | | |
| 111.70 | 124.14 | Mafic Intrusive | 6U | This is a fine grained intrusive with a few rare phenocrysts | 1242973 | 111.70 | 112.00 | 0.30 | 26 | | | |
| | | | | of quartz. It likely represents porphyry unit described | 1242974 | 112.00 | 113.00 | 1.00 | 166 | | | |
| | | | | in historical records on 250 ft level of mine. Upper contact | 1242975 | 113.00 | 114.00 | 1.00 | 23 | | | |
| | | | | sharp and at 45 deg to CA. The unit is fine to medium | 1242976 | 114.00 | 115.00 | 1.00 | 17 | | | |
| | | | | grained and grey in color, however beyond 112 meters, | 1242977 | 115.00 | 116.00 | 1.00 | 11 | | | |
| | | | | unit becomes reddish and hematite altered to 116.5 where | 1242978 | 116.00 | 117.00 | 1.00 | 13 | | | |
| | | | | then it becomes progressively less hematite altered to | 1252979 | 117.00 | 118.00 | 1.00 | 52 | | | |
| | | | | 119.13. At 119.13 to 120.90 there appears to be a raft of | 1252980 | 118.00 | 119.13 | 1.13 | 152 | | | |
| | | | | mafic volcanic material with dyke. Raft contains a few small | 1252981 | 119.13 | 120.00 | 0.87 | 69 | | | |
| | | | | quartz stringers. Upper contact of raft and intrusive not | 1252982 | 120.00 | 120.90 | 0.90 | 301 | | | |
| | | | | distinct while lower contact of raft at 20 deg to CA along a | 1252983 | 120.90 | 122.20 | 1.30 | 91 | | | |
| | | | | slip. Also raft of gabbro from 122.2 to 123.12. Gabbro | 1252984 | 122.20 | 123.12 | 0.92 | 65 | | | |
| | | | | contains a number of quartz fragments and veins. Some | 1252985 | 123.12 | 124.14 | 1.02 | 21 | | | |
| | | | | leucoxenes in gabbro raft as well. Upper contact of gabbro | 1242986 | 124.14 | 125.00 | 0.86 | 73 | | | |
| | | | | raft 30 deg to CA and lower contact 45 deg to CA. Rafts | | | | | | | | |
| | | | | do not appear to contain any significant sulphides. | | | | | | | | |
| | | | | This entire interval of mafic intrusive is for the most part a | | | | | | | | |
| | | | | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) | Au g/t (met) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | competent unit, however there are certains blocky broken | | | | | | | | | |
| | | | | sections associated with minor faults and slips. From 117.1 | | | | | | | | | |
| | | | | to about 120 m. there are a series of small broken up | | | | | | | | | |
| | | | | sections assoc. with numerous slips at 15-20 deg ot CA. | | | | | | | | | |
| | | | | Similarily from 121.3 to 122.15. Also a small fault noted at | | | | | | | | | |
| | | | | 112.30 to 112.50 with some gouge and contacts at 45 deg | | | | | | | | | |
| | | | | to CA. Outside of rafts witin the intrusive very little in the | | | | | | | | | |
| | | | | way of quartz but pyrite content significant, estimate from | | | | | | | | | |
| | | | | 5-7% disseminated pyrite. Intrusive is very hard and near | | | | | | | | | |
| | | | | impossible to scratch with knife, where hematite alterd | | | | | | | | | |
| | | | | possible to scratch with effort. Weak to moderate HCL | | | | | | | | | |
| | | | | reaction for intrusive, rafts of volcanic and gabbro also | | | | | | | | | |
| | | | | react. No magnetic response within mafic intrusive or rafts | | | | | | | | | |
| | | | | within intrusive. | | | | | | | | | |
| | | | | Lower contact with gabbro unit at 124.14 assoc. with | | | | | | | | | |
| | | | | vein and slip at 45 deg to CA. | | | | | | | | | |
| | | | | | | | | | | | | | |
| 124.14 | 137.00 | Gabbro | 6G | Gabbro unit, mineralogical make up as per initial description | 1242987 | 125.00 | 125.55 | 0.55 | 482 | | | | |
| | EOH | | | in this hole. Unit is medium grained and light greyish color | 1242988 | 125.55 | 126.00 | 0.45 | 11 | | | | |
| | | | | but also has a bleached appearance on fresh surface that | 1242989 | 126.00 | 127.00 | 1.00 | < 5 | | | | |
| | | | | appears to mask the gabbroic texture. This bleached | 1242990 | 127.00 | 128.00 | 1.00 | 137 | | | | |
| | | | | appearance appears to fade in last run from 134-137 | 1242991 | 128.00 | 129.00 | 1.00 | 365 | | | | |
| | | | | where good gabbroic texture evident. Also some patchy | 1242992 | 129.00 | 130.00 | 1.00 | 463 | | | | |
| | | | | epidote sections over 10`s of cm. | 1242993 | 130.00 | 131.00 | 1.00 | 1090 | | | | |
| | | | | This unit is of moderate hardness and can be scratched | 1242994 | 131.00 | 132.00 | 1.00 | 105 | | | | |
| | | | | with a knife with great difficulty. Again stongly magnetic to | 1242995 | 132.00 | 133.00 | 1.00 | 11 | | | | |
| | | | | non-magnetic in alternating intervals throughout section. | 1242996 | 133.00 | 134.00 | 1.00 | 478 | | | | |
| | | | | Unit has variable reaction to HCl, more bleached sections | 1242997 | 134.00 | 135.00 | 1.00 | 226 | | | | |
| | | | | proximal to contact with intrusive above have weak to mod. | 1242998 | 135.00 | 136.00 | 1.00 | 89 | | | | |
| | | | | reaction while no reaction found with sections not bleached | 1242999 | 136.00 | 137.00 | 1.00 | 11 | | | | |
| | | | | Very competent unit for the most part; a few significant | | | | | | | | | |
| | | | | slps noted at 126.5-126.7 and 136.09-136.45 both at 10 deg | | | | | | | | | |
| | | | | to CA. A few other minor slips noted at 10-20 deg to CA | | | | | | | | | |
| | | | | also as well as a number of fractures at 45 deg and 70 | | | | | | | | | |
| | | | | deg to CA. | | | | | | | | | |
| | | | | Very sparse quartz veining, most veinlets and stringers | | | | | | | | | |
| | | | | noted with contact from 124.14-125.65 and these are minor. | | | | | | | | | |
| | | | | Some quatz veining from 129 to 130 as well but minor. | | | | | | | | | |
| | | | | Veinlets or stringers often associated with minor slips or | | | | | | | | | |
| | | | | fractures at 10-15 deg to CA and 45 deg to CA respectively | | | | | | | | | |
| | | | | Occassionally some pyrite note in stringers or veinlets. | | | | | | | | | |
| | | | | Between 130-131.5 a couple of small veinlets a couple of | | | | | | | | | |
| | | | | cm wide noted. More white veinlets at 90 deg to CA. | | | | | | | | | |
| | | | | Previous veinlets more grey white. Occassional epidote | | | | | | | | | |
| | | | | stringers on salvages of stringrs and veinlets. Trace pyrite | | | | | | | | | |
| | | | | in this section. | | | | | | | | | |

| From | To | Rock Type | Code | Description | Sample# | From | To | Meters | Au ppb | Au g/t | Au ppb (2) | Au g/t (2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| | | | | Down Hole Tests: | | | | | | | | |
| | | | | Depth: 135 m. Az: 211.10 Dip: -67.9 | | | | | | | | |
| | | | | Depth: 6 m. Az: 200 Dip: -66.9 | | | | | | | | |
| | | | | Core stored at SGX Resources facilities in Timmins Ontario. | | | | | | | | |